Disclaimer

The following version of the Owner's Manual describes all models, series and special equipment of your vehicle. Country-specific language variations are possible. Please note that your vehicle might not be equipped with all the described functions. This also affects safety-relevant systems and functions. Please contact your authorised Mercedes-Benz dealership if you would like to receive a printed Owner's Manual for other vehicle models and vehicle model years.

The online Owner's Manual is the current and valid version. It is possible that deviations affecting your specific vehicle could not be taken into account as Mercedes-Benz constantly adapts its vehicles according to the latest technology and makes changes to the form and the equipment.

Please also read the printed Owner's Manual, supplementary documents and the digital Owner's Manual in the vehicle.

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Mercedes-Benz



GLE Owner's Manual



Mercedes-Benz

Symbols

In this manual, you will find the following symbols:

Warning notes make you aware of dangers which could pose a threat to your health or life, or to the health and life of others.

Ψ Environmental note

Environmental notes provide you with information on environmentally aware actions or disposal.

Notes on material damage alert you to dangers that could lead to damage to your vehicle.

() These symbols indicate useful instructions or further information that could be helpful to you.

- This symbol designates an instruction that you must follow.
- Several consecutive symbols indicate an instruction with several steps.
- (D This symbol tells you where you can find page) further information on a topic.
- This symbol indicates a warning or an instruction that is continued on the next page.
- Dis- This text indicates a message on the
- play multifunction display/multimedia display.

Welcome to the world of Mercedes-Benz

Before you first drive off, read this Owner's Manual carefully and familiarise yourself with your vehicle. For your own safety and a longer vehicle life, follow the instructions and warning notices in this manual. Disregarding them may lead to damage to the vehicle or personal injury.

The equipment or model designation of your vehicle may vary according to:

- model
- order
- country variant
- availability

The illustrations in this manual show a left-handdrive vehicle. On right-hand-drive vehicles, the layout of components and controls differs accordingly.

Mercedes-Benz is constantly updating its vehicles to the state of the art.

Mercedes-Benz therefore reserves the right to introduce changes in the following areas:

- design
- equipment
- technical features

The equipment in your vehicle may therefore differ from that shown in the descriptions and illustrations.

The following are integral components of the vehicle:

- Owner's Manual
- Service Booklet
- Equipment-dependent supplements

Keep these documents in the vehicle at all times. If you sell the vehicle, always pass all of the documents on to the new owner.

You can get to know the important features of your vehicle in the interactive Owner's Manual on the Internet at:

http://www.mercedes-benz.de/ betriebsanleitung

You can also use the Mercedes-Benz Guides App:



Apple[®] iOS



Android™

Please note that the Mercedes-Benz Guides App may not yet be available in your country. The technical documentation team at Daimler AG wishes you safe and pleasant motoring.

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Index	3
Introduction	25

At a glance	30
Safety	41
Opening and closing	84
Seats, steering wheel and mirrors	107
Lights and windscreen wipers	121
Climate control	135
Driving and parking	157
On-board computer and displays	281
Stowing and features	351
Maintenance and care	373
Breakdown assistance	386
Wheels and tyres	405
Technical data	433

1, 2, 3 ...

4ETS (Electronic Traction System)	
see ETS/4ETS (Electronic Trac-	
tion System)	
4MATIC (permanent four-wheel	
drive)	252
12 V socket	
see Sockets	
360° camera	
Cleaning	383
Display in the multimedia system	238
Function/notes	236

Α

ABS (Anti-lock Braking System)	
Display message	301
Function/notes	. 70
Important safety notes	
Warning lamp	
Accident	
Automatic measures after an acci-	
dent	58
Activating/deactivating air-recir-	
culation mode	145
Activating/deactivating cooling	
with air dehumidification	139
Active Blind Spot Assist	
Activating/deactivating (on-	
board computer)	291
Display message	326
Function/notes	247
Towing a trailer	249
Active Curve System	
Display message	323
Function/notes	222
Active Driving Assistance package	247
Active Lane Keeping Assist	
Activating/deactivating (on-	
board computer)	291
Display message	325
Function/notes	250
Towing a trailer	252
Active light function	124
Active Parking Assist	
Display message	326
Exiting a parking space	231

	Function/notes	228
	Important safety notes	228
	Parking	230
AD	APTIVE BRAKE	. 78
	aptive Brake Assist	
	Function/notes	74
b۵	aptive brake lights	
	aptive Damping System	, 0
A	Function/notes	224
٨ч	aptive Highbeam Assist Plus	224
Au	Display message	315
	Function/notes	126
	Switching on/off	126
Ad	Blue [®]	
	Display message	318
	Filling capacity	439
	Important safety notes	439
	Topping up	180
Ad	ditives (engine oil)	440
Ad	justing the headlamp range	123
AD	S (Adaptive Damping System)	
	Function/notes	221
Air	conditioning	
	General notes	135
Air	filter (white display message)	318
	R FLOW	141
	pressure	1 - 1
~"	see Tyre pressure	
۸:	vents	
AII		155
	Glove compartment	155
	Important safety notes	154
	Rear	155
	Setting	154
	Setting the centre air vents	155
	Setting the side air vents	155
Air	-conditioning system	
	see Climate control	
Air	bag	
	Automatic front-passenger front	
	airbag deactivation	51
	Introduction	48
	PASSENGER AIR BAG indicator	
	lamps	44
Air	bags	
	Display message	311
	Front airbag (driver, front	
	passenger)	49

Important safety guidelines	48
Kneebag	. 50
Sidebag	
Triggering	. 55
Windowbag	51
AIRMATIC package	
ADS (Adaptive Damping System)	221
Function/notes	220
Alarm	
ATA (Anti-Theft Alarm system)	81
Switching off (ATA)	81
Switching the function on/off	
(ATA)	81
Alarm system	
see ATA (Anti-Theft Alarm system)	
RIDE CONTROL sports suspen-	004
sion	224
AMG menu (on-board computer)	297
Anti-glare film	372
Anti-lock braking system	
see ABS (Anti-lock Braking System)	
Anti-Theft Alarm system	
see ATA (Anti-Theft Alarm system)	
Approach/departure angle	202
Aquaplaning	197
Ashtray	363
Assistance display (on-board com-	
puter)	290
Assistance menu (on-board com-	
puter)	289
ASSYST PLUS	
Displaying a service message	378
Hiding a service message	378
Resetting the service interval dis-	
play	378
Service message	377
Special service requirements	378
ATA (Anti-Theft Alarm system)	
Activating/deactivating	81
Function	. 81
Switching off the alarm	81
ATTENTION ASSIST	
Activating/deactivating	291
Display message	322
Function/notes	240
Audio menu (on-board computer)	287

Authorised workshop	
see Qualified specialist workshop	
AUTO lights	
Display message	315
see Lights	
Automatic engine start (ECO start/	
stop function)	162
Automatic engine switch-off (ECO	
start/stop function)	162
Automatic front-passenger front	
airbag deactivation	
Display message	311
Automatic front-passenger front	
airbag deactivation system	
Operation	51
Problems	55
System self-test	54
Automatic headlamp mode	122
Automatic transmission	
Accelerator pedal position	170
Changing gear	170
DIRECT SELECT lever	168
Display message	332
Drive program display	168
Drive programs	171
Driving tips	170
DYNAMIC SELECT controller	166
Emergency running mode	175 169
Engaging drive position	169
Engaging neutral Engaging park position automati-	109
cally	168
Engaging reverse gear	168
Engaging the park position	168
Gliding mode	170
Kickdown	170
Manual shifting	172
Oil temperature (on-board com-	
puter, Mercedes-AMG vehicles)	297
Overview	167
Problem (fault)	175
Pulling away	161
Starting the engine	160
Steering wheel gearshift paddles	172
Trailer towing	171
Transmission position display	168
Transmission positions	170

Automatic transmission emer-	
gency running mode	175
Auxiliary heating	
Setting	295
Auxiliary heating/ventilation	
Display message	335
Important safety notes	149
Problem (display message)	154
Remote control	151
Setting the departure time	152
Switching on/off (on the centre	
console)	150
Axle load, permissible (trailer tow-	
ing)	447

В

Bag hook	356
Ball coupling	
Swinging in	276
Swinging out	274
BAS (Brake Assist System)	71
BAS PLUS with Cross-Traffic Assist	
(Brake Assist PLUS with Cross-	
Traffic Assist)	
Function/notes	71
Important safety notes	72
Battery (high-voltage)	
see High-voltage battery	
Battery (key)	
Checking	87
Important safety notes	87
Replacing	87
Battery (vehicle)	
Charging	395
Display message	317
Important safety notes	392
Jump starting	397
Overview	392
Belt	
see Seat belts	
Belt tensioner	
Activation	55
Blind Spot Assist	
Activating/deactivating	291
Display message	326
Notes/function	244
Trailer towing	246

see Active Blind Spot Assist BlueTEC	
Topping up AdBlue [®]	180
BlueTEC (AdBlue®)	439
Bonnet	
Active bonnet (pedestrian protec-	
tion)	373
Closing	374
Display message	334
Important safety notes	373
Opening	374
Boot	
see Tailgate	
Brake Assist	
see BAS (Brake Assist System)	
Brake fluid	
Display message	306
Notes	441
Brake force distribution	
see EBD (electronic brake force	
distribution)	
Brake lamps	
Adaptive	75
	314
Brake pedal	4.0
Pedal resistance/pedal travel	43
Brakes	70
ABS	70 74
Adaptive Brake Assist	74
BAS BAS PLUS with Cross-Traffic	/ 1
Assist	71
Brake fluid (notes)	441
Display message	301
Driving tips	196
High-performance brake system	197
Important safety notes	196
Parking brake	192
RBS warning lamp	340
Recuperative Brake System	43
Warning lamp	339
Breakdown	
Where will I find?	386
see Flat tyre	
see Towing away	
Brightness control (instrument	
cluster lighting)	32

С

Calling up a fault	
see Display messages	
Car	
see Vehicle	
Car wash (care)	379
Care	
360° camera	383
Automatic car wash	379
Carpets	385
Display	384
Exhaust pipe	383
Exterior lighting	382
Gear or selector lever	384
High-pressure cleaner	380
Interior	384
Matt paintwork	381
Notes	378
Paint	380
Plastic trim	384
Reversing camera	383
Roof lining	385
Seat belt	385
Seat cover	385
Sensors	382
Side running board	382
Steering wheel	384
Trim pieces	384
Washing by hand	380
Wheels	381
Windows	381
Wiper blades	382
Wooden trim	384
CD player (on-board computer)	287
Central locking	
Automatic locking (on-board com-	
puter)	294
Locking/unlocking (key)	85
Centre console	
Lower section	37
Upper section	36
Changing bulbs	
Dipped-beam headlamps	129
Main-beam headlamps	129
Turn signals (front)	130

see Charging the high-voltage bat-	
tery (important safety notes)	
Charging cable	
Connection	188
Control panel 185,	186
Disconnecting	188
Heating up	185
Important safety notes	185
Indicator lamps	187
Storing	185
Charging the high-voltage battery	
(important safety notes)	182
Child	
Restraint system	59
Child seat	
Forward-facing restraint system	63
ISOFIX	
On the front-passenger seat	62
Rearward-facing restraint system	63
Recommendations	67
Suitable positions	63
Top Tether	60
Child-proof locks	00
Important safety notes	68
Rear doors	69
Cigarette lighter	364
Cleaning	504
0	202
Mirror turn signal	382
Trailer tow hitch	383
Climate control	1 4 0
Auxiliary heating/ventilation	149
Controlling automatically	141
Convenience opening/closing	
(air-recirculation mode)	145
Cooling with air dehumidification	139
Demisting the windows	143
Demisting the windscreen	143
Immediate pre-entry climate con-	
trol	149
Indicator lamp	141
Information about using	
THERMATIC automatic climate	
control	137
Information on using	
THERMOTRONIC automatic cli-	
mate control	139
Ionisation	146

Charging

7

Overview of systems	135	С
Pre-entry climate control at		с
departure time	148	С
Pre-entry climate control via key	147	С
Problem with the rear window		С
heating	145	r
Problems with cooling with air		C
dehumidification	141	Ŭ
Rear control panel	138	
Setting the air distribution	142	
Setting the air vents	154	
Setting the airflow	142	
Setting the climate mode (AIR		
FLOW)	141	
Setting the temperature	141	
Switching air-recirculation mode		
on/off	145	С
Switching on/off	139	Ŭ
Switching residual heat on/off	146	С
Switching the rear window heat-		c
ing on/off	144	U
Switching the ZONE function on/		
off	143	С
THERMATIC automatic climate		ir
control (2-zone)	136	C
THERMOTRONIC (3-zone) auto-		C
matic climate control	138	U
Coat hooks	358	
Cockpit		
Overview	30	
see Instrument cluster		
Collapsible emergency spare		
wheel		
see Emergency spare wheel		
COLLISION PREVENTION ASSIST		
PLUS		
Activating/deactivating	291	
Display message	307	С
Operation/notes	73	
COMAND display		
Cleaning	384	
COMAND Online		
Driving dynamics display	258	
Combination switch	123	
Combined luggage cover and net	357	
Constant headlamp mode		D
see Daytime driving lights		

Consumption statistics (on-board	
computer)	284
Convenience closing feature	99
Convenience opening feature	99
Convenience opening/closing (air-	
recirculation mode)	145
Coolant (engine)	
Checking the level	376
Display message	316
Displaying the temperature (on-	
board computer)	292
Important safety notes	441
Temperature (on-board computer,	
Mercedes-AMG vehicles)	297
Temperature gauge	282
Warning lamp	347
Cooling	
see Climate control	
Copyright	29
Cornering light function	
Display message	313
Function/notes	124
Crash-responsive emergency light-	
ing	128
Crosswind Assist	78
Cruise control	
Activating	204
Activation conditions	204
Cruise control lever	203
Deactivating	205
Display message	328
Driving system	203
Important safety notes	203
LIM indicator lamp	203
Selecting	204
Storing and maintaining current	
speed	204
Cup holder	
Centre console	361
Important safety notes	361
Rear compartment	362
Temperature controlled	362

D

Dashboard

see Instrument cluster

Data

see Technical data

Data carrier	
Selecting	287
Daytime driving lights	
Display message	314
Function/notes	122
Switching on/off (on-board com-	
puter)	293
Dealership	
see Qualified specialist workshop	
Declarations of conformity	27
Diagnostics connection	27
Differential lock (display mes-	27
sage)	324
	285
Digital speedometer	280
Dipped-beam headlamps	
Changing bulbs	129
Display message	313
Setting for driving abroad (sym-	
metrical)	121
Setting for driving on the right/	
left	294
Switching on/off	122
DIRECT SELECT lever	
Automatic transmission	168
Display message	
Driving systems	322
Hybrid drive system	320
KEYLESS-GO	336
Display messages	
ASSYST PLUS	377
Calling up (on-board computer)	300
Engine	316
General information	300
Hiding (on-board computer)	300
Key	336
Lights	313
Safety systems	301
Tyres	330
Vehicle	332
Distance warning function	502
Function/notes	73
Warning lamp	349
Distance warning signal (warning	047
	349
lamp)	349

DISTRONIC PLUS

Activating	209
Activation conditions	. 209
Cruise control lever	. 208
Deactivating	212
Display message	. 327
Displays in the multifunction dis-	
play	. 213
Driving tips	. 213
Function/notes	. 207
Important safety notes	. 207
Selecting	208
Setting the specified minimum	
distance	. 211
Stopping	. 210
Warning lamp	

Door

Automatic locking (on-board com- puter)	294
Automatic locking (switch)	
Central locking/unlocking (key)	
Control panel	
Display message	
Emergency locking	
Emergency unlocking	
Important safety notes	
Opening (from the inside)	
Power closing	92
Doors	
Overview	. 90
Downhill speed regulation	
see DSR (Downhill Speed Regulation	1)
Drive program	
Display (DIRECT SELECT lever)	168
Off-Road program (vehicles with-	
out Off-Road Engineering pack-	054
age)	254
Off-road programs (vehicles with	254
Off-Road Engineering package) Drive programs	204
Automatic transmission	171
Driver's door	171
see Door	
Driving abroad	
Mercedes-Benz Service	378
Symmetrical dipped beam	121
Driving assistance, crosswind	
G , H	

Driving in mountainous terrain	
Approach/departure angle	202
Driving off-road	
see Off-road driving	
Driving safety system	
BAS PLUS with Cross-Traffic	
Assist	71
COLLISION PREVENTION ASSIST	
PLUS	73
EBD (electronic brake force distri-	
bution)	78
Recuperative Brake System	43
STEER CONTROL	80
Driving safety systems	
ABS (Anti-lock Braking System)	70
ADAPTIVE BRAKE	78
Adaptive Brake Assist	74
Adaptive brake lights	75
BAS (Brake Assist System)	71
Distance warning function	73
ESP [®] (Electronic Stability Pro-	
gram)	75
Important safety guidelines	70
Overview	
PRE-SAFE [®] Brake	
Driving system	, ,0
ADS	221
AIRMATIC package	220
DISTRONIC PLUS with Steering	220
Assist and Stop&Go Pilot	214
Driving systems	217
360° camera	236
Active Blind Spot Assist	247
Active Curve System	222
Active Driving Assistance pack-	
age	247
Active Lane Keeping Assist	250
Active Parking Assist	228
AMG RIDE CONTROL sports sus-	220
pension	224
ATTENTION ASSIST	240
Blind Spot Assist	240
Cruise control	244
	322
Display message Distronic Plus	322 207
HOLD function	207
	219
Lane Keeping Assist	240

Level control (vehicle with the Off-	
Road Engineering package)	216
PARKTRONIC	225
Reversing camera	232
SPEEDTRONIC	205
Traffic Sign Assist	242
Driving tips	272
Aquaplaning	197
Automatic transmission	170
Brakes	196
DISTRONIC PLUS	213
Downhill gradient	196
Driving abroad	121
Driving in winter	198
Driving on flooded roads	197
Driving on sand	201
Driving on wet roads	197
Driving over obstacles	201
Fuel	194
General	194
lcy road surfaces	198
Limited braking efficiency on sal-	170
ted roads	197
New brake pads/linings	197
Off-road driving	199
Off-road fording	198
Running-in tips	157
Snow chains	408
Symmetrical dipped beam	121
Towing a trailer	273
Travelling uphill	202
Tyre ruts	201
Wet road surface	196
	170
DSR (Downhill Speed Regulation)	
DSR (Downhill Speed Regulation)	324
Display message	324 252
Display message Function/notes	324 252
Display message Function/notes DVD video	252
Display message	
Display message Function/notes DVD video Operating (on-board computer) DYNAMIC SELECT controller	252
Display message Function/notes DVD video Operating (on-board computer)	252 288

Ε

EASY-ENTRY feature

Activating/deactivating	296
Function/notes	116

EASY-EXIT feature

Crash-responsive	11/
Function/notes	116
Switching on/off	296
EASY-PACK luggage compartment	
management system	358
EBD (electronic brake force distri-	
bution)	
Display message	303
Function/notes	78
ECO display	
Function/notes	194
On-board computer	285
ECO start/stop function	
Automatic engine start	162
Automatic engine switch-off	162
Deactivating/activating	163
General information	162
Important safety notes	162
Introduction	161
PLUG-IN HYBRID operation	269
Electromagnetic compatibility	
Declaration of conformity	27
Electronic Stability Program	
see ESP [®] (Electronic Stability Progra	m)
Emergency	,
Automatic measures after an acci-	
dent	58
Emergency key	
Unlocking the driver's door	92
Emergency key element	
Function/notes	86
General notes	86
Inserting	87
Locking vehicle	93
Removing	87
Emergency release	
Driver's door	92
Emergency spare wheel	
General notes	428
Important safety notes	428
Inflating the collapsible spare	
wheel	431
Removing	429
	12/
Storage location	429
Storage location	

Emergency unlocking

Tailgate	97
Vehicle	92
Engine	
Display message	316
ECO start/stop function	161
Engine number	435
Jump-starting	397
Running irregularly	165
Starting (important safety notes)	160
Starting problems	165
Starting the engine with the key	160
Starting with KEYLESS GO	160
Stopping	191
Tow-starting (vehicle)	402
Warning lamp (engine diagnos-	
tics)	347
Engine electronics	
Notes	433
Problem (fault)	165
Engine jump starting	
see Jump starting (engine)	
Engine oil	
Additives	440
Checking the oil level	375
Checking the oil level using the	
dipstick	375
Display message	317
Filling capacity	440
Notes about oil grades	439
Notes on oil level/consumption	375
Temperature (on-board computer,	
Mercedes-AMG vehicles)	297
Topping up	375
Viscosity	440
Environmental protection	
Returning an end-of-life vehicle	25
ESP [®] (Electronic Stability Pro-	
gram)	
AMG menu (on-board computer)	298
Characteristics	
Deactivating/activating	77
Display message	301
Function/notes	
General notes	75
Important safety guidelines	76
Trailer stabilisation	77
Warning lamp	343

ETS/4ETS (Electronic Traction Sys-

tem)	76
Exhaust pipe (cleaning instruc-	
tions)	383
Exhaustive discharging (high-volt-	
age battery)	394
Exterior mirrors	
Adjusting	117
Anti-dazzle mode (automatic)	118
Folding in when locking (on-board	
computer)	296
Folding in/out (automatically)	118
Folding in/out (electrically)	118
Out of position (troubleshooting)	118
Parking position	119
Resetting	118
Storing settings (memory func-	
tion)	120

F

Fault message

see Display messages Filler cap

see Fuel filler flap	
Fire extinguisher	387
First-aid kit	386
Fitting a wheel	
Fitting a wheel	416
Lowering the vehicle	417
Preparing the vehicle	414
Raising the vehicle	415
Removing a wheel	416
Securing the vehicle against roll-	
ing away	414
Flat tyre	
MOExtended tyres	388
Preparing the vehicle	388
TIREFIT kit	389
see Emergency spare wheel	
Floormat	372
Foglamps (extended range)	125
Folding the rear bench seat for-	
wards/back	354
Fording	
Off-road	198
On flooded roads	197

Frequencies

Garage door opener	369
Mobile phone	433
Two-way radio	433
Front-passenger front airbag deac-	
tivation	
Display message	311
Front-passenger front airbag deac-	
tivation system	
Operation	51
Problems	55
System self-test	
Fuel	01
Additives	437
Consumption information	438
Consumption statistics	284
Displaying the current consump-	204
	285
tion Displaying the range	285
Displaying the range Driving tips	194
	32
Fuel gauge Grade (petrol)	32 436
	436
Important safety notes	
Low outside temperatures	438
Notes for Mercedes-AMG vehi-	407
cles	437
Problem (malfunction)	179
Quality (diesel)	438
Refuelling	175
Tank content/reserve fuel	436
Fuel filler flap	
Opening	177
Opening (PLUG-IN HYBRID vehi-	
cles)	177
Fuel filter (white display message)	318
Fuel level	
Calling up the range (on-board	
computer)	285
Gauge	32
Fuel tank	
Capacity	436
Problem (malfunction)	179
Fuses	
Allocation chart	402
Before changing	402
Dashboard fuse box	402
Fuse box in the engine compart-	
ment	403

Fuse box under rear bench seat	403
Important safety notes	402

G

Garage door opener 369 Clearing the memory Frequencies 369 General notes 367 Important safety notes 367 Opening/closing the garage door .. 368 Programming (button in the rearview mirror) 367 Synchronising the rolling code 368 Gear indicator (on-board computer, Mercedes-AMG vehicles) 297 **Gearshift paddles** see Steering wheel gearshift paddles Gearshift program SETUP (on-board computer) 298 Genuine Mercedes-Benz parts 25

Η

Hazard warning lamps	124
Head restraints	
Adjusting	109
Adjusting (electrically)	110
Adjusting (manually)	110
Adjusting (rear)	110
Fitting/removing (rear)	111
Luxury	110
Headlamp	
Cleaning system (notes)	442
Headlamps	
Misting up	127
see Automatic headlamp mode	
Heating	
see Climate control	
High-pressure cleaners	380
High-voltage battery	
Battery care	184
Charging	396
Charging (charging station)	189
Charging (mains socket)	185
Charging (wallbox)	188
Charging cable heating up	185

	Energy consumption	184
	General notes	42
	Method of operation	183
	Outside temperatures	184
	Problems during charging	190
	Protective device	185
	Range	184
	Terms of use	184
	Vehicle fire	42
Hill	l start assist	161
но	LD function	
	Deactivating	220
	Display message	325
	Function/notes	219
Ho	rn	30
Hyl	brid drive system	
	Automatic switch off	41
	Danger of electric shock	41
	Display message	320
	General notes	41
	High-voltage battery	42
	Important safety notes	41
	Manual switch off	41
	Opening the bonnet	42
	Warning lamp	340
Hyl	brid vehicles	
	Important safety notes	41

Ignition lock

see Key positions	
Immobiliser	81
Indicator and warning lamp	
Restraint system	346
Indicator and warning lamps	
Coolant	347
DISTRONIC PLUS	349
Engine diagnostics	347
Indicator lamps	
Display message	313
see Warning and indicator lamps	
Indicators	
see Turn signals	
Insect protection on the radiator	374
Instrument cluster	
Overview	32
Warning and indicator lamps	34

Instrument cluster lighting Intelligent Light System	281
Activating/deactivating	294
Display message	314
Overview	124
Setting the dipped-beam head-	
lamps for driving on the right/left	294
Interior lighting	
Automatic control system	127
Emergency lighting	128
Manual control	127
Overview	127
Reading lamp	127
Interior motion sensor	
Deactivating	. 83
Function	. 82
Priming	82
Switching off	. 82
ISOFIX child seat securing system	60

J

Jack	
Storage location	387
Using	415
Jump starting (engine)	397

K

Кеу	
Changing the battery	87
Checking the battery	87
Convenience closing feature	100
Convenience opening feature	99
Display message	336
Door central locking/unlocking	85
Emergency key element	86
Important safety notes	84
KEYLESS-GO start function	86
Loss	89
Modifying the programming	86
Overview	84
Positions (ignition lock)	158
Problem (malfunction)	89
Starting the engine	160
Key positions	
Key	158
KEYLESS GO	158

KEYLESS-GO

Convenience closing	100
Deactivation	85
Display message	336
Locking	85
Removing the Start/Stop button	159
Start function	86
Start/Stop button	158
Starting the engine	160
Unlocking	85
Kickdown	
Driving tips	170
Manual gearshifting	174
Kneebag	50

L

Lamps see Warning and indicator lamps

Lane detection (automatic)	
see Lane Keeping Assist	
Lane Keeping Assist	
Activating/deactivating	291
Display message	325
Function/information	246
see Active Lane Keeping Assist	
Lap time (RACETIMER)	298
Lashing eyelets	355
Level control (display message)	322
Level control (vehicle with the Off-	
Road Engineering package)	
Basic settings	217
Function/notes	216
Important safety notes	216
Licence plate lamp (display mes-	
sage)	314
Light sensor (display message)	315
Lighting	
see Lights	
Lights	
Activating/deactivating the Intel-	
ligent Light System	294
Active light function	124
Adaptive Highbeam Assist PLUS	126
Automatic headlamp mode	122

Cornering light function 124

Dipped-beam headlamps 122

Driving abroad 121

Foglamps (extended range)	125
Hazard warning lamps	124
Headlamp flasher	124
Headlamp range	123
Light switch	121
Main-beam headlamps	123
Motorway mode	125
Off-road lights	125
Parking lamps	122
Rear foglamp	122
Side lamps	122
Switching the daytime driving	
lights on/off (on-board com-	
puter)	293
Turn signals	123
see Interior lighting	
LIM indicator lamp	
Cruise control	203
DISTRONIC PLUS	208
Variable SPEEDTRONIC	205
Limiting the speed	200
see SPEEDTRONIC	
Loading guidelines	351
Locking	001
Looking	
see Central locking	
see Central locking	
Locking (doors)	02
Locking (doors) Automatic	92 03
Locking (doors) Automatic Emergency locking	
Locking (doors) Automatic Emergency locking From inside (central locking but-	93
Locking (doors) Automatic Emergency locking From inside (central locking but- ton)	
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally	93
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking	93
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on-	93 91
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on- board computer)	93
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on- board computer) LOW RANGE	93 91 295
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on- board computer) LOW RANGE Display message	93 91 295 324
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on- board computer) LOW RANGE Display message Off-road gear	93 91 295 324 255
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on- board computer) LOW RANGE Display message Off-road gear LOW RANGE off-road gear	93 91 295 324
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on- board computer) LOW RANGE Display message Off-road gear LOW RANGE off-road gear Luggage compartment cover	93 91 295 324 255 255
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on- board computer) LOW RANGE Display message Off-road gear LOW RANGE off-road gear Low RANGE off-road gear Loggage compartment cover Notes/function	93 91 295 324 255
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on- board computer) LOW RANGE Display message Off-road gear LOW RANGE off-road gear Luggage compartment cover Notes/function Luggage compartment enlarge-	93 91 295 324 255 255
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on- board computer) LOW RANGE Display message Off-road gear LOW RANGE off-road gear Luggage compartment cover Notes/function Luggage compartment enlarge- ment	93 91 295 324 255 255 356
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on- board computer) LOW RANGE Display message Off-road gear LOW RANGE off-road gear Luggage compartment cover Notes/function Luggage compartment enlarge- ment Important safety notes	93 91 295 324 255 255
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on- board computer) LOW RANGE Display message Off-road gear LUW RANGE off-road gear Luggage compartment cover Notes/function Luggage compartment enlarge- ment Important safety notes Luggage compartment floor	93 91 295 255 255 356 354
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on- board computer) LOW RANGE Display message Off-road gear LOW RANGE off-road gear Luggage compartment cover Notes/function Luggage compartment enlarge- ment Important safety notes Luggage compartment floor Important safety notes	93 91 295 324 255 255 356 354 359
Locking (doors) Automatic Emergency locking From inside (central locking but- ton) Locking centrally see Central locking Locking verification signal (on- board computer) LOW RANGE Display message Off-road gear LUW RANGE off-road gear Luggage compartment cover Notes/function Luggage compartment enlarge- ment Important safety notes Luggage compartment floor	93 91 295 255 255 356 354

Lumbar support

Adjusting (on the seat)	112
Luxury head restraint	110

Μ

M+S tyres	407
Main-beam headlamps	
Adaptive Highbeam Assist PLUS	126
Changing bulbs	129
Display message	314
Switching on/off	123
Maintenance	
see ASSYST PLUS	
Matt finish (cleaning instructions)	381
Maximum charge current	
Setting (charging cable)	186
Setting (on-board computer)	292
Media Interface	
USB port in the armrest of the	
centre console	352
see Separate operating instructions	
Memory card (audio)	287
Memory function	120
Mercedes-Benz Contact	
Display message	306
Mercedes-Benz emergency call	
system	
Switch in the overhead control	
panel	365
Mercedes-Benz Intelligent Drive	
360°camera	236
Active Blind Spot Assist	247
Active Lane Keeping Assist	250
Active Parking Assist	228
ATTENTION ASSIST	240
Blind Spot Assist	244
DISTRONIC PLUS	207
DISTRONIC PLUS with Steering	
Assist and Stop&Go Pilot	214
General notes	203
Lane Keeping Assist	246
PARKTRONIC	225
PRE-SAFE [®] PLUS (anticipatory	
occupant protection PLUS)	
Reversing camera	232
Traffic Sign Assist	242

Mercedes-Benz Service Centre	
see Qualified specialist workshop	
Message memory (on-board com-	
puter)	300
Mirrors	
see Exterior mirrors	
see Rear-view mirror	
see Vanity mirror (in sun visor)	
Mobile phone	
Frequencies	433
Installation	433
Menu (on-board computer)	288
Notes/placing in the bracket	366
Transmission output (maximum)	433
Modifying the programming (key)	86
MOExtended tyres	388
Motorway mode	125
MP3	
Operating	287
see Separate operating instructions	
Multifunction display	
Function/notes	283
Permanent display	293
Multifunction steering wheel	
Operating the on-board computer	282
Overview	35
Multimedia system	
see Separate operating instructions	

Ν

Navigation

Menu (on-board computer) see separate operating instructions	200
Notes on running in a new vehicle	157

Occupant safety

Airbags	48
Automatic front-passenger front	
airbag deactivation	51
Automatic measures after an acci-	
dent	58
Children in the vehicle	58
Important safety notes	43
PASSENGER AIRBAG indicator	
lamp	44

Pets in the vehicle	70
PRE-SAFE [®] (anticipatory occu-	
pant protection)	57
PRE-SAFE [®] PLUS (anticipatory	
occupant protection PLUS)	57
Restraint system introduction	43
Restraint system warning lamp	
Odometer	
see Total distance recorder	
see Trip meter	
Off-road driving	
Approach/departure angle	445
Checklist after driving off-road	200
Checklist before driving off-road	200
Fording depth	444
General information	199
Important safety notes	199
Maximum gradient climbing abil-	
ity	445
Travelling uphill	202
Off-road lights	125
Off-Road program (vehicles with-	
out Off-Road Engineering package)	
Function/notes	254
Off-road programs (vehicles with	
Off-Road Engineering package)	
Function/notes	254
Off-road drive program	254
Offroad Plus drive program	255
Off-road programs (vehicles with	
the Off-Road Engineering package)	
Displays in the COMAND display	258
Off-road system	
4MATIC	252
DSR	252
LOW RANGE off-road gear	255
Off-road 4ETS	76
Off-road ABS	71
Off-road ESP [®]	77
Off-Road program (vehicles with-	
out Off-Road Engineering pack-	
age)	254
Off-road programs (vehicles with	
Off-Road Engineering package)	254
Oil	,
see Engine oil	
5	

On and Offroad menu (on-board	
computer)	297
On-board computer	
AMG menu	297
Assistance menu	289
Audio menu	287
Convenience submenu	296
Display messages	300
Displaying a service message	378
DISTRONIC PLUS	213
Factory setting submenu	297
Heating submenu	295
HYBRID menu	292
Important safety notes	281
Instrument cluster submenu	293
Light submenu	293
Menu overview	284
Message memory	300
Navigation menu	286
On and Offroad menu	297
Operating the TV	288
Operating video DVD	288
Operation	282
RACETIMER	298
Service menu	291
Settings menu	292
Standard display	284
Telephone menu	288
Trip menu	284
Vehicle submenu	294
Operating instructions	
Vehicle equipment	26
Operating safety	
Declaration of conformity	27
Important safety note	26
Operating system	
see On-board computer	
Outside temperature display	282
Overhead control panel	39
Override feature	
Rear side windows	69

Ρ

Paint code	434
Paintwork (cleaning instructions)	380
Panic alarm	43

Panorama sliding sunroof

Important safety information	101
Opening/closing the roller sun-	
blind	104
Operating	103
Operating the roller sunblinds for	
the sliding sunroof	103
Problem (malfunction)	106
Rain closing feature	103
Reversing feature	102
Parking	
Important safety notes	191
Parking brake	192
Position of exterior mirror, front-	
passenger side	119
Reversing camera	232
see PARKTRONIC	
Parking aid	
Active Parking Assist	228
see 360° camera	
see Exterior mirrors	
see PARKTRONIC	
Parking assistance	
see PARKTRONIC	
Parking brake	
Display message	304
Electric parking brake	192
Warning lamp	346
Parking lamps	540
Display message	314
Switching on/off	122
PARKTRONIC	122
Deactivating/activating	227
Driving system	225
	225
Function/notes	225
Important safety notes	
Problem (fault)	228
Sensor range	225
Trailer towing	225
Warning display	226
PASSENGER AIR BAG	0 4 4
Display message	311
Indicator lamps	
Problems (malfunctions)	311
Pets in the vehicle	. 70
Plastic trim (cleaning instruc-	
tions)	384

PLUG-IN HYBRID	operating
----------------	-----------

Electrical energy generated PLUG-IN HYBRID operation	266
Automatic engine start (ECO	
start/stop function)	269
Automatic engine switch-off (ECO	
start/stop function)	269
Charge status of the high-voltage	
battery	263
Charging the high-voltage battery	264
Displaying the total range and	
electric range	266
Driving tips	268
DYNAMIC SELECT controller	267
ECO start/stop function	269
Electric motor (power display)	261
Electrical energy generated	
(Audio 20)	266
Electrical energy generated	
(COMAND Online)	266
Energy flow display	263
Fuel consumption	266
Fuel consumption (Audio 20)	266
Fuel consumption (COMAND	
Online)	266
General notes	259
High-voltage battery (charge sta-	
tus)	263
Hybrid drive system overview	260
HYBRID menu	292
Important safety notes	259
Instrument cluster (power dis-	0 (1
play)	261
Instrument cluster overview	261
Noiseless start	266
Operating (on-board computer)	263
Operating mode	262
Overrun mode	269
Parking	270
Power display (electric motor)	261
Problems with SRS (supplemental restraint system)	070
Problems with the combustion	272
	071
engine Problems with the hybrid drive	271
system	272
Problems with the Recuperative	L / L
Brake System	271
	~ / 1

Pulling away	267
READY display	266
Recuperative Brake System	259
Resetting the values (Audio 20)	266
Resetting the values (COMAND	
Online)	266
Route-based operating strategy	269
Shifting manually	267
Starting	266
When the vehicle is stationary	268
Power closing	92
Power windows	
see Side windows	
Pre-entry climate control (via key)	
Problems (malfunctions)	148
Pre-entry climate control at depar-	
ture time	
General notes	148
Pre-entry climate control at time of	
departure	
Setting departure time	149
Pre-entry climate control via key	
Activating/deactivating	147
General notes	147
PRE-SAFE [®] (anticipatory occupant	
protection)	
Operation	57
PRE-SAFE [®] (preventive occupant	
safety system)	
Display message	307
PRE-SAFE [®] Brake	
Activating/deactivating	290
Display message	307
Display message Function/notes	307 78
Display message Function/notes Important safety notes	307 78 79
Display message Function/notes Important safety notes Warning lamp	307 78
Display message Function/notes Important safety notes Warning lamp PRE-SAFE® PLUS (anticipatory	307 78 79
Display message Function/notes Important safety notes Warning lamp PRE-SAFE [®] PLUS (anticipatory occupant protection PLUS)	307 78 79 349
Display message Function/notes Important safety notes Warning lamp PRE-SAFE® PLUS (anticipatory occupant protection PLUS) Display message	307 78 79 349 308
Display message Function/notes Important safety notes Warning lamp PRE-SAFE® PLUS (anticipatory occupant protection PLUS) Display message Operation	307 78 79 349 308
Display message Function/notes Important safety notes Warning lamp PRE-SAFE® PLUS (anticipatory occupant protection PLUS) Display message Operation Protection against theft	307 78 79 349 308 57
Display message Function/notes Important safety notes Warning lamp PRE-SAFE® PLUS (anticipatory occupant protection PLUS) Display message Operation Protection against theft ATA (Anti-Theft Alarm system)	307 78 79 349 308 57 81
Display message Function/notes Important safety notes Warning lamp PRE-SAFE® PLUS (anticipatory occupant protection PLUS) Display message Operation Protection against theft ATA (Anti-Theft Alarm system) Immobiliser	307 78 79 349 308 57 81 81
Display message Function/notes Important safety notes Warning lamp PRE-SAFE® PLUS (anticipatory occupant protection PLUS) Display message Operation Protection against theft ATA (Anti-Theft Alarm system) Immobiliser Interior motion sensor	307 78 79 349 308 57 81 81 82
Display message Function/notes Important safety notes Warning lamp PRE-SAFE® PLUS (anticipatory occupant protection PLUS) Display message Operation Protection against theft ATA (Anti-Theft Alarm system) Immobiliser Interior motion sensor Tow-away protection	307 78 79 349 308 57 81 81 82
Display message Function/notes Important safety notes Warning lamp PRE-SAFE® PLUS (anticipatory occupant protection PLUS) Display message Operation Protection against theft ATA (Anti-Theft Alarm system) Immobiliser Interior motion sensor	307 78 79 349 308 57 81 81 82

18 Index

Pulling away

General notes	161
Trailer	161
Pulling away (automatic transmis-	
sion)	161

Q

QR code

Mercedes-Benz Guide App	1
Rescue card	28
Qualified specialist workshop	28

R

RACETIMER (on-board computer)	298
Radiator cover	374
Radio	
Selecting a station	287
see separate operating instructions	
Radio-based vehicle components	
Declaration of conformity	27
Rain closing feature	
Sliding sunroof	102
Rain closing feature (panorama	
sliding sunroof)	103
RBS (Recuperative Brake System)	
Warning lamp	340
Reading lamp	127
Rear bench seat	
Folding the bench seat forwards/	
back	355
Rear compartment	
Setting the air vents	155
Setting the temperature	141
Rear foglamp	
Display message	314
Switching on/off	122
Rear seat	
Adjusting	111
Rear window heating	
Problem (fault)	145
Switching on/off	144
Rear window wiper	
Replacing the wiper blade	133
Switching on/off	131
Rear-compartment seat belt sta-	
tus indicator	48

Rear-view mirror Anti-dazzle mode (automatic) 118 Dipping (manual) 117 **Recuperative Brake System** Driving safety systems 43 Important safety notes 43 Refuelling Fuel gauge 32 Important safety notes 175 Notes for Mercedes-AMG vehicles 437 Refuelling (PLUG-IN HYBRID vehicles) 176 Refuelling process 176 see Fuel Remote control Auxiliary heating/ventilation 151 Changing the batteries (auxiliary heating) 152 Garage door opener 367 Programming (garage door 367 opener) Replacing bulbs General notes 128 Important safety notes 128 Overview of bulb types 128 Removing/replacing the cover (front wheel arch) 129 Replacing the battery (auxiliary heating remote control) 152 Reserve (fuel tank) see Fuel Reserve fuel Display message 318 Warning lamp 347 Residual heat (climate control) 146 Restraint system Introduction 43 Warning lamp 346 Warning lamp (function) 44 **Reversing camera** Display in the multimedia system .. 233 Function/notes 232

Switching on/off	233
Reversing feature	
Panorama sliding sunroof	102
Roller sunblinds	104
Side windows	98
Sliding sunroof	102
Tailgate	94
Reversing lamp (display message)	314
Roller sunblind	
Panorama sliding sunroof	103
Roof carrier	360
Roof lining and carpets (cleaning	
instructions)	385
Roof load (maximum)	442
Route (navigation)	
see Route guidance (navigation)	
Route guidance (navigation)	286
indere Salaanoo (indefediton)	200

S

Safety	
Children in the vehicle	58
Hybrid drive system	41
see Occupant safety	
Safety net	
Attaching	358
Important safety information	358
Safety notes	
Hybrid vehicles	41
Safety system	
see Driving safety systems	
SD memory card	
Selecting	287
Seat belt	
Correct usage	46
Switching belt adjustment on/off	
(on-board computer)	296
Seat belts	
Adjusting the driver's and front-	
passenger seat belt	47
Adjusting the height	. 47
Cleaning	385
Display message	308
Fastening	47
Important safety guidelines	45
Introduction	45
Rear seat belt status indicator	48
Releasing	47

Warning lamp	337
Warning lamp (function)	. 48
Seats	
Adjusting (electrically)	109
Adjusting the head restraint	109
Cleaning the cover	385
Correct driver's seat position	107
Folding the rear bench seat for-	
wards/back	354
Important safety notes	108
Overview	108
Seat heating problem	113
Seat ventilation problem	114
Storing settings (memory func-	
tion)	120
Switching seat heating on/off	112
Switching the seat ventilation on/	
off	113
Section	
Sliding sunroof	101
Securing hooks	356
Selector lever	
Cleaning	384
Sensors (cleaning instructions)	382
Sensors (cleaning instructions) Service	382
	382
Service	382
Service see ASSYST PLUS Service Centre	382
Service see ASSYST PLUS Service Centre see Qualified specialist workshop	382
Service see ASSYST PLUS Service Centre	382 291
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com-	
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter)	
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message	
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message see ASSYST PLUS	
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message see ASSYST PLUS Service products	291
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message see ASSYST PLUS Service products AdBlue [®] special additives	291 439
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message see ASSYST PLUS Service products AdBlue [®] special additives	291 439 441
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message see ASSYST PLUS Service products AdBlue [®] special additives Brake fluid Coolant (engine)	291 439 441 441
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message see ASSYST PLUS Service products AdBlue [®] special additives Brake fluid Coolant (engine) Engine oil	291 439 441 441 439
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message see ASSYST PLUS Service products AdBlue [®] special additives Brake fluid Coolant (engine) Engine oil Fuel Important safety notes Washer fluid	291 439 441 439 436
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message see ASSYST PLUS Service products AdBlue [®] special additives Brake fluid Coolant (engine) Engine oil Fuel Important safety notes	291 439 441 439 436 435
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message see ASSYST PLUS Service products AdBlue [®] special additives Brake fluid Coolant (engine) Engine oil Fuel Important safety notes Washer fluid Setting the air distribution Setting the airflow	291 439 441 439 436 435 442
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message see ASSYST PLUS Service products AdBlue [®] special additives Brake fluid Coolant (engine) Engine oil Fuel Important safety notes Washer fluid Setting the air distribution Setting the airflow Setting the charge current (on-	291 439 441 439 436 435 442 142
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message see ASSYST PLUS Service products AdBlue [®] special additives Brake fluid Coolant (engine) Engine oil Fuel Important safety notes Washer fluid Setting the air distribution Setting the airflow Setting the charge current (on- board computer)	291 439 441 439 436 435 442 142
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message see ASSYST PLUS Service products AdBlue [®] special additives Brake fluid Coolant (engine) Engine oil Fuel Important safety notes Washer fluid Setting the air distribution Setting the airflow Setting the charge current (on- board computer) Setting the departure time (on-	291 439 441 441 439 436 435 442 142 142
Service see ASSYST PLUS Service Centre see Qualified specialist workshop Service menu (on-board com- puter) Service message see ASSYST PLUS Service products AdBlue [®] special additives Brake fluid Coolant (engine) Engine oil Fuel Important safety notes Washer fluid Setting the air distribution Setting the airflow Setting the charge current (on- board computer)	291 439 441 441 439 436 435 442 142 142

Settings

Factory (on-board computer)	297
On-board computer	292
SETUP (on-board computer)	298
Side lamps	
Switching on/off	122
Side marker lamp Display mes-	
sage	314
Side windows	
Convenience closing	99
Convenience opening	99
Important safety notes	98
Opening/closing	98
Overview	98
Problem (malfunction)	101
Resetting	100
Reversing feature	98
Sidebag	50
Sliding sunroof	
Important safety information	101
Opening/closing	102
Problem (malfunction)	106
Rain closing feature	102
Resetting	103
see Panorama sliding sunroof	
Snow chains	
Information	408
Socket	
Luggage compartment	365
Sockets	
Centre console	365
General notes	364
Rear compartment	365
Specialist workshop	28
Spectacles compartment	353
Speed, controlling	
see Cruise control	
Speedometer	
Digital	285
In the Instrument cluster	32
Segments	281
Selecting a display unit	293
SPEEDTRONIC	
Activating variable	206
Deactivating variable	207
Display message	328
Function/notes	205

Important safety notes	205
LIM indicator lamp	205
Permanent	207
Selecting	206
Storing the current speed	205
Variable	205
Start/stop function	
see ECO start/stop function	
Starting (engine)	160
STEER CONTROL	80
Steering	
Display message	335
Steering Assist and Stop&Go Pilot	
(DISTRONIC PLUS)	
Activating/deactivating	290
Display message	328
Steering assistant STEER CON-	
TROL	
see STEER CONTROL	
Steering wheel	
Adjusting (electrically)	115
Adjusting (manually)	114
Button overview	35
Buttons (on-board computer)	282
Cleaning	384
Important safety notes	114
Steering wheel heating	115
Storing settings (memory func-	
tion)	120
Steering wheel gearshift paddles	172
Steering wheel heating	
Problem (malfunction)	116
Switching on/off	115
Stopwatch (RACETIMER)	298
Stowage areas	351
Stowage compartments	
Armrest (under)	352
Centre console	353
Centre console (rear)	353
Cup holder	361
Glove compartment	352
Important safety information	351
Spectacles compartment	353
Stowage net	353
Stowage space	
Stowage net	353
Summer tyres	407

Sun blind

Rear side windows	363
Sun visor	362
Suspension settings	
AMG RIDE CONTROL sports sus-	
pension	224
SETUP (on-board computer)	298
Switching the auxiliary heating/	
ventilation	
On/off	150

Τ

Tail lamps	
Display message	314
Tailgate	
Display message	333
Emergency unlocking	97
Important safety notes	93
Limiting the opening angle	97
Opening dimensions	442
Opening/closing (automatically	
from inside)	96
Opening/closing (automatically	
from outside)	95
Opening/closing (from outside)	94
Power closing	92
Tank	
see Fuel tank	
Technical data	
Capacities	435
Emergency spare wheel	432
Information	433
Trailer loads	447
Tyres/wheels	418
Vehicle data	442
Telephone	
Accepting a call (multifunction	
steering wheel)	289
Display message	336
Menu (on-board computer)	288
Number from the phone book	289
Redialling	289
Rejecting/ending a call	289
Telephone compartment	352
Temperature	
Coolant (display in the instrument	
cluster)	282

Coolant (on-board computer,	
Mercedes-AMG vehicles)	297
Coolant (on-board computer)	292
Engine oil (on-board computer,	
Mercedes-AMG vehicles)	297
Outside temperature	282
Setting (climate control)	141
Transmission oil (on-board com-	
puter, Mercedes-AMG vehicles)	297
ΤΕΜΡΟΜΑΤ	_ / /
Function/notes	203
Through-loading	354
Time	
see Separate Owner's manual	
Timing (RACETIMER)	298
TIREFIT kit	389
Important safety notes	389
Storage location	387
Tyre pressure not reached	391
Tyre pressure reached	391
Top Tether	60
Total distance recorder	284
Tow-away protection	0.0
Activating	82
Deactivating	82
Function	82
Tow-starting	400
Emergency engine starting	402
Important safety notes	399
Towing	
Important safety notes	399
Notes for 4MATIC vehicles	402
Transporting the vehicle	401
Towing a trailer	
Active Blind Spot Assist	249
Active Lane Keeping Assist	252
Axle load, permissible	447
ESP [®] (Electronic Stability Pro-	
gram)	77
Failure check for LEDs	278
Pulling away with a trailer	161
Swinging out the ball coupling	274
Swinging the ball coupling in	276
Trailer tow hitch display message	334
Towing away	
Fitting the towing eye	400
Removing the towing eye	401

With both axles on the ground	401
Towing eye	387
Traffic Sign Assist	
Activating/deactivating the warn-	
ing function	290
Display message	325
Function/notes	242
Important safety notes	242
Instrument cluster display	243
Trailer coupling	
see Towing a trailer	
Trailer towing	
7-pin connector	278
Blind Spot Assist	246
Cleaning the trailer tow hitch	383
Coupling up a trailer	275
Decoupling a trailer	276
Driving tips	273
Important safety notes	272
Lights display message	313
Mounting dimensions	446
Parktronic	225
Power supply	277
Problem (fault)	279
Trailer loads	447
Transmission	447
see Automatic transmission	
Transmission position display	168
Transmission position display	100
	1/0
(DIRECT SELECT lever)	168
Transporting the vehicle	401
Travelling uphill	
Brow of hill	202
Driving downhill	202
Maximum gradient-climbing capa-	
bility	202
Trim pieces (cleaning instruc-	
tions)	384
Trip computer (on-board com-	
puter)	284
Trip meter	
Calling up	284
Resetting (on-board computer)	285
Turn signals	
Changing bulbs (front)	130
Switching on/off	123

τν

1 4	
Operating (on-board computer)	288
see Separate operating instructions	
Two-way radio	
Frequencies	433
Installation	433
Transmission output (maximum)	433
Type identification plate	
see Vehicle identification plate	
Tyre inflation compressor	
see TIREFIT kit	
Tyre pressure	
Calling up (on-board computer)	411
Display message	330
Not reached (TIREFIT)	391
Reached (TIREFIT)	391
	408
Recommended Tyre pressure loss warning	408
	410
General notes	410
Important safety notes	410
Restarting	410
Tyre pressure monitor	
Checking the tyre pressure elec-	
tronically	411
Function/notes	411
General notes	411
Important safety notes	411
Radio type approval for the tyre	
pressure monitor	413
Restarting	412
Warning lamp	350
Warning message	412
Tyres	
Changing a wheel	413
Checking	406
Direction of rotation	414
Display message	330
General notes	418
Important safety notes	405
Information on driving	405
M+S tyres	407
MOExtended tyres	407
Replacing	413
Service life	406
Storing	400
	414
Tyre size (data) Tyre tread	418
	406
Wheel and tyre combinations	419

see Flat tyre

U

Unlocking	
Emergency unlocking	92
From inside the vehicle (central	
unlocking button)	91
Upshift indicator (on-board com-	
puter, Mercedes-AMG vehicles)	297

V

Vanity mirror (in sun visor) Variable SPEEDTRONIC see SPEEDTRONIC	362
Vehicle	
Correct use	28
Data acquisition	28
Display message	332
Electronics	433
Equipment	26
Implied warranty	28
Individual settings	292
Leaving parked up	194
Locking (in an emergency)	93
Locking (key)	85
Lowering	417
Pulling away	161
Raising	415
Registration	28
Securing from rolling away	414
Towing away	399
Transporting	401
Unlocking (in an emergency)	92
Unlocking (key)	85
Vehicle data	442
Vehicle battery	
see Battery (vehicle)	
Vehicle data	442
Vehicle data (off-road driving)	
Approach/departure angle	445
Fording depth	444
Maximum gradient climbing abil-	
ity	445
Vehicle dimensions	442
Vehicle emergency locking	93

Vehicle identification number	
see VIN	
Vehicle identification plate	434
Vehicle level	
AIRMATIC	222
Vehicle level (display message)	322
Vehicle tool kit	387
Video	
Operating the DVD	288
VIN	434
Seat	435
Type plate	434

W

Warning and indicator lamps

.

	ABS	341
	Brakes	339
	Distance warning signal	349
	ESP [®]	343
	ESP [®] OFF	344
	Fuel tank	347
	Hybrid drive system	340
	LIM (cruise control)	203
	LIM (DISTRONIC PLUS)	208
	LIM (variable SPEEDTRONIC)	205
	Overview	34
	Parking brake	346
	PASSENGER AIR BAG	44
	RBS (Recuperative Brake Sys-	
	tem)	340
	Reserve fuel	347
	Seat belt	337
	Tyre pressure monitor	350
Wa	arning triangle	386
Wa	arnings	
	Stickers	41
Wa	asher fluid	
	Display message	336
Wł	neel and tyre combinations	
	Tyres	419
Wł	neel bolt tightening torque	417
Wł	neel chock	414
Wł	neels	
	Changing a wheel	413
	Changing/replacing	413
	Checking	406
	Cleaning	381

Emergency spare wheel	428
Fitting a new wheel	416
Fitting a wheel	414
General notes	418
Important safety notes	405
Information on driving	405
Overview	405
Removing a wheel	416
Storing	414
Tightening torque	417
Wheel size/tyre size	418
Windowbag	
Display message	310
Operation	51
Windows	
Cleaning	381
see Side windows	
Windscreen	
Demisting	143
Windscreen washer fluid	
see Windscreen washer system	
Windscreen washer system	
Important safety notes	442
Topping up	377
Windscreen wipers	
Problem (malfunction)	134
Rear window wiper	131
Replacing the wiper blades	131
Switching on/off	130
Winter driving	
General notes	407
Winter operation	
Overview	407
Radiator cover	374
Slippery road surfaces	198
Snow chains	408
Winter tyres	
Limiting the speed (on-board com-	
puter)	294
M+S tyres	407
Wiper blades	
Cleaning	382
Important safety notes	131
Replacing	131
Replacing (on the rear window)	133
Replacing (windscreen)	131
Wooden trim (cleaning instruc-	
tions)	384

Workshop

see Qualified specialist workshop

Ζ

ZONE function

Switching on/off		143
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Protection of the environment

General notes

Environmental note

Daimler's declared policy is one of comprehensive environmental protection.

Our objectives are to use the natural resources which form the basis of our existence on this planet sparingly and in a manner which takes the requirements of both nature and humanity into consideration.

You too can help to protect the environment by operating your vehicle in an environmentally-responsible manner.

Fuel consumption and the rate of engine, transmission, brake and tyre wear depend on the following factors:

- operating conditions of your vehicle
- your personal driving style

You can influence both factors. Therefore, please bear the following in mind:

Operating conditions:

- avoid short trips, as these increase fuel consumption.
- observe the correct tyre pressure.
- do not carry any unnecessary weight in the vehicle.
- remove the roof rack once you no longer need it.
- a regularly serviced vehicle will contribute to environmental protection. You should therefore adhere to the service intervals.
- all maintenance work should be carried out at a qualified specialist workshop.

Personal driving style:

- do not depress the accelerator pedal when starting the engine.
- do not warm up the engine when the vehicle is stationary.
- drive carefully and maintain a safe distance from the vehicle in front.
- avoid frequent, sudden acceleration and braking.

- change gear in good time and use each gear only up to $^{2\!/_{\!3}}$ of its maximum engine speed.
- switch off the engine in stationary traffic.
- monitor the vehicle's fuel consumption.

Returning an end-of-life vehicle

EU countries only:

Mercedes-Benz will take back your old vehicle to dispose of it in an environmentally-responsible manner in accordance with the European Union (EU) End of Life Vehicles Directive.

There is a network of return points and disassembly plants available. You can return your vehicle to these plants free of charge. This makes a valuable contribution to the recycling process and the conservation of resources. For further information on recycling old vehicles, recovery and the terms of the policy, visit the Mercedes-Benz homepage.

Genuine Mercedes-Benz parts

Environmental note

Daimler AG also supplies reconditioned assemblies and parts which are of the same quality as new parts. For these, the same warranty applies as for new parts.

Airbags and seat belt tensioners, as well as control units and sensors for these restraint systems, may be installed in the following areas of your vehicle:

- doors
- door pillars
- door sills
- seats
- dashboard
- instrument cluster
- centre console

Do not install accessories such as audio systems in these areas. Do not carry out repairs or welding. You could impair the operating efficiency of the restraint systems.

Have accessories retrofitted at a qualified specialist workshop.

You could jeopardise the operating safety of your vehicle if you use parts, tyres and wheels as well as accessories relevant to safety which have not been approved by Mercedes-Benz. This could lead to malfunctions in safety-relevant systems, e.g. the brake system. Only use genuine Mercedes-Benz parts or parts of equal quality. Only use tyres, wheels and accessories that have been specifically approved for your vehicle.

Mercedes-Benz tests genuine parts and conversion parts and accessories that have been specifically approved for your vehicle for their reliability, safety and suitability. Despite ongoing market research, Mercedes-Benz is unable to assess other parts. Mercedes-Benz therefore accepts no responsibility for the use of such parts in Mercedes-Benz vehicles, even if they have been officially approved or independently approved by a testing centre.

In Germany, certain parts are only officially approved for installation or modification if they comply with legal requirements. This also applies to some other countries. All genuine Mercedes-Benz parts meet the approval requirements. The use of non-approved parts may invalidate the vehicle's general operating permit.

This is the case:

- if they cause a change of the vehicle type from that for which the vehicle's general operating permit was granted
- if other road users could be endangered
- if the emission or noise levels are adversely affected

Always specify the vehicle identification number (VIN) (▷ page 434) when ordering genuine Mercedes-Benz parts.

Owner's Manual

Vehicle equipment

This Owner's Manual describes all models and all standard and optional equipment available for your vehicle at the time of publication of the Owner's Manual. Country-specific differences are possible. Note that your vehicle may not be fitted with all features described. This is also the case for systems and functions relevant to safety. Therefore, the equipment on your vehicle may differ from that in the descriptions and illustrations. The original purchase contract documentation for your vehicle contains a list of all of the systems in your vehicle.

Should you have any questions concerning equipment and operation, please consult a Mercedes-Benz Service Centre.

The Owner's Manual and Service Booklet are important documents and should kept in the vehicle.

Operating safety

Important safety notes

MARNING

If you do not have the prescribed service/ maintenance work or necessary repairs carried out, this could result in malfunctions or system failures. There is a risk of an accident.

Always have the prescribed service/maintenance work as well as necessary repairs carried out at a qualified specialist workshop.

Flammable material such as leaves, grass or twigs may ignite if they come into contact with hot parts of the exhaust system. There is a risk of fire.

When driving off road or on unpaved roads, check the vehicle's underside regularly. In particular, remove parts of plants or other flammable materials which have become trapped. In the case of damage, contact a qualified specialist workshop.

MARNING

Modifications to electronic components, their software as well as wiring could affect their function and/or the operation of other networked components. This could in particular also be the case for systems relevant to safety. They might not function properly anymore and/or jeopardise the operational safety of the vehicle. There is an increased risk of an accident and injury.

Do not attempt to modify the wiring as well as electronic components or their software.

Always have work on electrical and electronic components carried out at a qualified specialist workshop.

If you make any changes to the vehicle electronics, the general operating permit is rendered invalid.

There is a risk of damage to the vehicle if:

- the vehicle becomes stuck, e.g. on a high kerb or an unpaved road
- you drive too fast over an obstacle, e.g. a kerb or a pothole in the road
- a heavy object strikes the underbody or parts of the chassis

In situations like this, the body, the underbody, chassis parts, wheels or tyres could be damaged without the damage being visible. Components damaged in this way can unexpectedly fail or, in the case of an accident, no longer withstand the strain they are designed for.

If the underbody panelling is damaged, combustible materials such as leaves, grass or twigs can gather between the underbody and the underbody panelling. If these materials come in contact with hot parts of the exhaust system, they can catch fire.

In such situations, have the vehicle checked and repaired immediately at a qualified specialist workshop. If, upon continuing your journey, you notice that driving safety is impaired, pull over and stop the vehicle immediately, paying attention to road and traffic conditions. In such cases, consult a qualified specialist workshop.

Declarations of conformity

Wireless vehicle components

The following information applies to all components of the vehicle and the information systems and communication devices integrated into the vehicle which receive and/or transmit radio waves:

The components of this vehicle that receive and/or transmit radio waves are compliant with the basic requirements and all other relevant conditions of Directive 1999/5/EC. You can obtain further information from any Mercedes-Benz Service Centre.

Electromagnetic compatibility

The electromagnetic compatibility of the vehicle components has been checked and certified according to the currently valid version of Regulation ECE-R 10.

Diagnostics connection

The diagnostics connection is only intended for the connection of diagnostic equipment at a qualified specialist workshop.

▲ WARNING

If you connect equipment to a diagnostics connection in the vehicle, it can affect the operation of the vehicle systems. This may affect the operating safety of the vehicle. There is a risk of an accident.

Do not connect any equipment to a diagnostics connection in the vehicle.

Objects in the driver's footwell may restrict the clearance around the pedals or block a depressed pedal. This jeopardises the operating and road safety of the vehicle. There is a risk of an accident.

Stow all objects securely in the vehicle so that they do not get into the driver's footwell. Always fit the floormats securely and as prescribed in order to ensure that there is always sufficient room for the pedals. Do not use loose floormats and do not place several floormats on top of one another.

If the engine is switched off and equipment on the diagnostics connection is used, the starter battery may discharge.

Connecting equipment to the diagnostics connection can lead to emissions monitoring information being reset, for example. This may lead to the vehicle failing to meet the requirements of the next emissions test during the main inspection.

Qualified specialist workshop

A qualified specialist workshop has the necessary special skills, tools and qualifications to correctly carry out any necessary work on your vehicle. This particularly applies to work relevant to safety.

Observe the notes in the Service Booklet. Always have the following work carried out at a qualified specialist workshop:

- · work relevant to safety
- service and maintenance work
- repair work
- modifications, installations and conversions
- work on electronic components

Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre.

Vehicle registration

Mercedes-Benz may ask its Service Centres to carry out technical inspections on certain vehicles. The quality or safety of the vehicle is improved as a result of the inspection.

Mercedes-Benz can only inform you about vehicle checks if it has your registration data.

It is possible that your vehicle has not yet been registered in your name in the following cases:

- if your vehicle was not purchased at an authorised specialist dealer.
- if your vehicle has not yet been examined at a Mercedes-Benz Service Centre.

It is advisable to register your vehicle with a Mercedes-Benz Service Centre.

Inform Mercedes-Benz as soon as possible about any change in address or vehicle ownership. You can do this at a Mercedes-Benz Service Centre, for example.

Correct use

If you remove any warning stickers, you or others could fail to recognise certain dangers. Leave warning stickers in position.

Observe the following information when driving your vehicle:

- the safety notes in this manual
- the vehicle technical data

- traffic rules and regulations
- laws and safety standards pertaining to motor vehicles

Implied warranty

Follow the instructions in this manual about the proper operation of your vehicle as well as about possible vehicle damage. Damage to your vehicle that arises from culpable contraventions against these instructions are not covered either by Mercedes-Benz implied warranty or by the New or Used-Vehicle Warranty.

QR code for rescue card

The QR code is secured in the fuel filler flap and on the opposite side on the B-pillar. In the event of an accident, rescue services can use the QR code to quickly find the appropriate rescue card for your vehicle. The current rescue card contains, in a compact form, the most important information about your vehicle, e.g. the routing of the electric cables.

You can find more information under http:// portal.aftersales.i.daimler.com/public/ content/asportal/en/communication/ informationen_fuer/QRCode.html.

Data stored in the vehicle

A wide range of electronic components in your vehicle contain data memories.

These data memories temporarily or permanently store technical information about:

- the vehicle's operating state
- events
- faults

In general, this technical information documents the state of a component, a module, a system or the surroundings.

These include, for example:

- operating conditions of system components, e.g. fluid levels
- the vehicle's status messages and those of its individual components, e.g. number of wheel revolutions/speed, deceleration in move-

ment, lateral acceleration, accelerator pedal position

- malfunctions and defects in important system components, e.g. lights, brakes
- vehicle reactions and operating conditions in special driving situations, e.g. airbag deployment, intervention of stability control systems
- ambient conditions, e.g. outside temperature

This data is of an exclusively technical nature and can be used to:

- assist in detecting and rectifying faults and defects
- analyse vehicle functions, e.g. after an accident
- optimise vehicle functions

The data cannot be used to trace the vehicle's movements.

When your vehicle is serviced, technical information can be read from the event data memory and fault data memory.

Services include, for example:

- · repair services
- service processes
- · warranty events
- quality assurance

The vehicle is read out by employees of the service network (including the manufacturer) using special diagnostic testers. You can obtain more information there, if required.

After a fault has been rectified, the information is deleted from the fault memory or is continually overwritten.

When operating the vehicle, situations are conceivable in which this technical data, in connection with other information (if necessary, after consultation with an authorised expert), could be traced to a person.

Examples include:

- · accident reports
- · damage to the vehicle
- witness statements

Further additional functions that have been contractually agreed upon with the customer allow certain vehicle data to be conveyed by the vehicle as well. The additional functions include, for example, vehicle location in case of an emergency.

Copyright information

General notes

Information on licences for free and opensource software used in your vehicle and its electronic components is available on the following website:

http://www.mercedes-benz.com/opensource

30 Cockpit

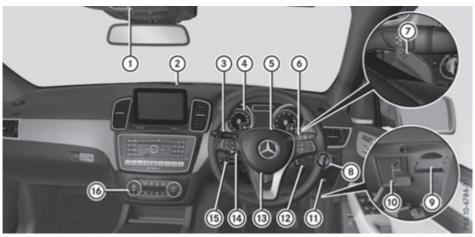
Cockpit



	Function	Page
1	Steering wheel gearshift pad- dles	172
2	Combination switch	123
3	Instrument cluster	32
4	Horn	
5	DIRECT SELECT lever	168
6	PARKTRONIC warning dis- play	225
\bigcirc	Overhead control panel	39
8	Climate control systems	135
9	Ignition lock Start/Stop button	158 158

	Function	Page
10	Adjusts the steering wheel manually	114
1	Adjusts the steering wheel electrically Steering wheel heating	114 115
(12)	Cruise control lever	203
(13)	Opens the bonnet	374
(14)	Diagnostics connection	27
(15)	Electric parking brake	192
(16)	Light switch	121

At a glance



	Function	Page
1	Overhead control panel	39
2	PARKTRONIC warning dis- play	225
3	Combination switch	123
4	Instrument cluster	32
5	Horn	
6	DIRECT SELECT lever	168
7	Steering wheel gearshift pad- dles	172
8	Light switch	121
9	Diagnostics connection	27

	Function	Page
10	Opens the bonnet	374
(1)	Electric parking brake	192
(12)	Ignition lock Start/Stop button	158 158
(13)	Adjusts the steering wheel manually	114
(14)	Adjusts the steering wheel electrically Steering wheel heating	114 115
(15)	Cruise control lever	203
(16)	Climate control systems	135

Instrument cluster

Displays and controls



 Instrument cluster with speedometer (km/h)

	Function	Page
1	Speedometer Speedometer segments	281
2	Fuel gauge Fuel filler flap location indi- cator r: the fuel filler cap is on the right-hand side.	

	Function	Page
3	Rev counter	281
4	Coolant temperature	282
5	Multifunction display	283
6	Instrument cluster lighting	281



() Instrument cluster with speedometer (mph)

	Function	Page
1	Speedometer Speedometer segments	281
2	Fuel gauge Fuel filler flap location indi- cator r: the fuel filler cap is on the right-hand side.	

() Information on displaying the outside tem-
perature in the multifunction display can be
found under "Outside temperature display"
(⊳ page 282).

(1) Information on additional displays for PLUG-IN HYBRID vehicles can be found in the "PLUG-IN HYBRID operation" section (▷ page 261).

	Function	Page
3	Rev counter	281
4	Coolant temperature	282
5	Multifunction display	283
6	Instrument cluster lighting	281

Warning and indicator lamps



	Function	Page
1	Dipped-beam head- lamps	122
2	Side lamps	122
3	ESP [®]	343
4	■D Main-beam headlamps	123
5	() Electric parking brake (red)	346
6	() Electric parking brake (yellow)	346
7	(D) Brakes (yellow)	339
8	🛕 Distance warning	349
9	✿ ♥ Turn signals	123
(10)	(!) Tyre pressure monitor	350

	I directori	Tage
(1)	😰 Restraint system	44
(12)	🐥 Seat belt	337
(13)	Diesel engine: preglow	160
(14)	Coolant	347
(15)	0≢ Rear foglamp	122
(16)	Engine diagnostics	347
17	Reserve fuel	347
(18)	ESP [®] OFF	343
(19)	() ABS	341
20	(D) Brakes (red)	339

Page

Function

(1) Information on additional indicator and warning lamps for PLUG-IN vehicles can be found in the "PLUG-IN HYBRID operation" section (▷ page 261).

Multifunction steering wheel



 Multimedia system display Multimedia system display Switches on voice-operated navigation or LINGUA-TRONIC Mute Adjusts the volume Rejects or ends a call Exits telephone book/redial memory 		Function	Page
3 Switches on voice-operated navigation or LINGUA- TRONIC ↓ Mute ↓ Adjusts the volume Co Rejects or ends a call Exits telephone book/redial memory 288	1	Multifunction display	283
Switches on voice-operated navigation or LINGUA- TRONIC Mute Adjusts the volume Rejects or ends a call Exits telephone book/redial memory	2	Multimedia system display	
Makes or accepts a call Switches to the redial mem- ory	3	Switches on voice-operated navigation or LINGUA- TRONIC Mute Adjusts the volume Rejects or ends a call Exits telephone book/redial memory Makes or accepts a call Switches to the redial mem-	288

- In vehicles with multimedia system COMAND Online you can find further information:
 - on the multimedia system in the Digital Owner's Manual
 - on the DVD changer or single DVD drive in the Digital Owner's Manual
 - on LINGUATRONIC in the separate operating instructions

	Function	Page
4	Selects a menu	282
	Selects a submenu or scrolls through lists OK	282
	Confirms the selection	282
	Hides display messages	300
	Back	282
	Switches off voice-operated navigation or LINGUA- TRONIC	

- 1 You can find further information in vehicles with an Audio 20 multimedia system:
 - on the multimedia system in the Digital Owner's Manual
 - on voice-controlled navigation in the manufacturer's operating instructions

Centre console

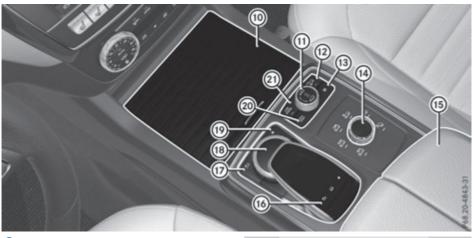
Centre console, upper section



	Function	Page
1	Multimedia system (see the separate operating instruc- tions)	
2	₩ Seat heating	112
3	🦼 Seat ventilation	113
4	PW A PARKTRONIC	225
5	BCO start/stop func-	161
	Selects the operating mode (PLUG-IN HYBRID operation)	262

	Function	Page
6	A Hazard warning lamps	124
7	PASSENGER AIRBAG indica- tor lamp ATA indicator lamp	44 81
8	ESP [®]	76
9	Auxiliary heating	149

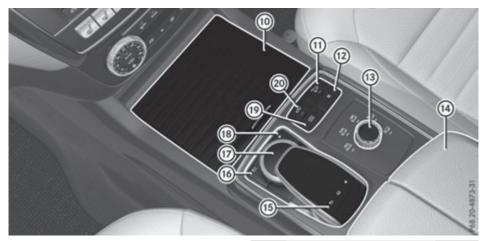
Centre console, lower section



0	Vehicles	with t	he Off-	-Road	Engineering
р	ackage				

	Function	Page
10	Stowage compartment Cup holders Ashtray Cigarette lighter Power socket	353 361 363 364 364
(1)	Selector wheel for level con- trol	216
(12)	DSR (Downhill Speed Regulation)	252
(13)	Manual gearshifting (perma- nent setting)	172
(14)	DYNAMIC SELECT controller	166
(15)	Stowage compartment with Media Interface	352

	Function	Page
(16)	Touchpad (see the separate operating instructions)	
17	Back button (see the sepa- rate operating instructions)	
(18)	Multimedia system control- ler (see the separate operat- ing instructions)	
(19)	* Switches to the favour- ites button (see the separate operating instructions)	
20	Switches to the vehicle set- tings display (see the sepa- rate operating instructions)	
21	LOW RANGE off-road gear	255

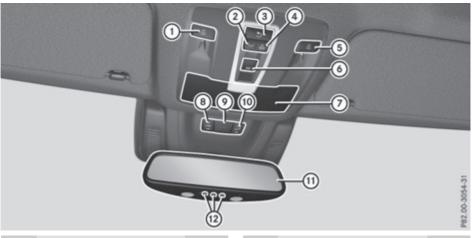


Vehicles with the AIRMATIC package and Mercedes-AMG vehicles

	Function	Page
10	Stowage compartment	353
	Cup holders	361
	Ashtray	363
	Cigarette lighter	364
	Power socket	364
(1)	DSR (Downhill Speed Regulation)	252
(12)	Manual gearshifting (perma- nent setting)	172
(13)	DYNAMIC SELECT controller	166
(14)	Stowage compartment with Media Interface	352
(15)	Touchpad (see the separate operating instructions)	

	Function	Page
(16)	Back button (see the sepa- rate operating instructions)	
17	Multimedia system control- ler (see the separate operat- ing instructions)	
18	* Switches to the favour- ites button (see the separate operating instructions)	
19	Switches to the vehicle set- tings display (see the sepa- rate operating instructions) AMG RIDE CONTROL (Mercedes-AMG vehicles)	224
20	Level control	222

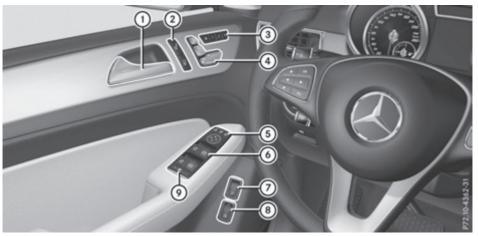
Overhead control panel



	Function	Page
1	Switches the left-hand reading lamp on/off	127
2	Switches the front interior lighting on	127
3	Switches the rear interior lighting on/off	127
4	Switches the front interior lighting/automatic interior lighting control off	127
5	Switches the right- hand reading lamp on/off	127
6	Opens/closes the pan- orama sliding sunroof with roller sunblinds	103

Function	Page
Spectacles compartment	353
ြေရွှိသာ Deactivates the interior motion sensor	82
Sos SOS button (Mercedes- Benz emergency call system)	365
Deactivates tow-away protection	82
Rear-view mirror	117
Buttons for the garage door opener	367
	Spectacles compartment Deactivates the interior motion sensor SOS button (Mercedes- Benz emergency call system) Deactivates tow-away protection Rear-view mirror Buttons for the garage door

Door control panel



	Function	Page
1	Opens the door	91
2	the vehicle	91
3	M 1 2 3 Stores settings for the seat, exterior mirrors and steering column (memory function)	120
4	Adjusts the seats	108
5	Adjusts and folds the exterior mirrors in/out electrically	117
6	Opens/closes the side windows	98

	Function	Page
7	ত্রী Opens/closes the tail- gate	96
8	 ▶ PLUG-IN HYBRID vehicles: unlocks the fuel filler flap ♥ Swings the ball coupling in/out 	177 274
9	Activates/deactivates the override feature for the side windows in the rear compartment	69

Useful information

This Owner's Manual describes all models, series and optional equipment for your vehicle that were available at the time of going to press. National variations are possible. Note that your vehicle may not be equipped with all of the functions described. This is also the case for systems and functions relevant to safety.

 Read the information on qualified specialist workshops: (▷ page 28).

Hybrid vehicles

General notes

Hybrid technology combines a fuel-efficient internal combustion engine with a powerful electric motor.

Important safety notes

Danger of electric shock

The vehicle's high voltage electrical system is under high voltage. If you modify components in the vehicle's high-voltage electrical system or touch damaged components, you may be electrocuted. The components in the vehicle's high-voltage electrical system may be damaged in an accident, although the damage is not visible. There is a risk of fatal injury.

Do not touch any high-voltage components after an accident and never modify the vehicle's high-voltage electrical system. Have the vehicle towed away after an accident and the vehicle's high-voltage electrical system checked by a qualified specialist workshop.

When towing a vehicle after an accident, be sure to observe the following sections:

- Transporting the vehicle (▷ page 401)
- Towing the vehicle with both axles on the ground (> page 401)

Read the safety instructions on towing and towstarting (\triangleright page 399).



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All components of the hybrid drive system are marked with yellow warning stickers that warn you of the danger of high voltage. The cables of the vehicle's high-voltage electrical system are orange in colour.

The ignition must be switched off when carrying out general work, such as replacing bulbs or checking the coolant level.

Automatic switch-off of the hybrid drive system

If components of the restraint system are activated during an accident, the hybrid drive system is automatically deactivated.

The hybrid drive system is not activated when the vehicle is started if:

- an electrical short circuit is detected in the hybrid drive system
- an electrical connection in the hybrid drive system is disconnected

This ensures that you do not come into contact with high voltage.

Manual switch-off of the hybrid drive system

The hybrid drive system can be deactivated manually using the high voltage switch-off device.

To prevent damage to the hybrid drive system please observe the following instructions:

- only deactivate the hybrid drive system manually in the following situations.
- work on the hybrid drive system may only be carried out at a qualified specialist workshop, even when it has been deactivated manually.

Deactivate the hybrid system manually if:

- the 💉 restraint system warning lamp in the instrument cluster lights up after an accident
- the vehicle is badly damaged, e.g. after an accident, and the restraint system components were not activated
- the vehicle is badly damaged and has to be towed or transported
- If possible, move the vehicle out of the danger zone: shift the automatic transmission into position N.
- ▶ Release the electric parking brake.
- Roll the vehicle to a safe place and park it safely.

Get assistance from others if necessary.

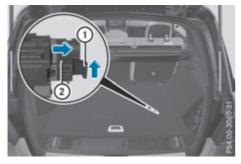
The vehicle is locked automatically when the ignition is switched on and the wheels are turning. There is therefore a risk of being locked out if the vehicle is being pushed or tested on a dynamometer.

- ► Switch the ignition off.
- ► Shift the automatic transmission to park position **P**.

Apply the electric parking brake (▷ page 192).

Secure the vehicle against rolling away $(\triangleright \text{ page 414}).$

- To use the high-voltage switch-off device: open the tailgate.
- ► Lift the luggage compartment floor upwards (▷ page 359).
- Pull off the right-hand trim in the luggage compartment.



- ▶ Press release clip ① in the direction of the arrow and pull it out.
- Pull high voltage switch-off device (2) apart until it engages in the stop position.

If the hybrid drive system has been deactivated due to reasons mentioned above, have it checked at a qualified specialist workshop before reactivation.

High-voltage battery

≜ WARNING

In the event of a vehicle fire, the internal pressure of the high-voltage battery could exceed a critical value. In this case, flammable gas escapes through a vent valve in the vehicle's underbody. The gas can ignite. There is a risk of injury.

Leave the danger area immediately. Secure the danger area at a suitable distance, whilst observing legal requirements.

If the housing of the high-voltage battery has been damaged, electrolyte and gases may leak out. These are poisonous and caustic. There is a risk of injury.

Avoid contact with the skin, eyes or clothing. Immediately rinse electrolyte splashes off with water and seek medical attention straight away.

Exhaustive discharge caused by the vehicle standing idle for lengthy periods can damage the high-voltage battery. If the vehicle is idle for lengthy periods leave the high-voltage battery connected to a charging station.

Charging the high-voltage battery (\triangleright page 182).

Engine compartment

Before opening the bonnet:

- ► Apply the electric parking brake.
- ▶ Shift the transmission to position **P**.
- ▶ Switch the ignition off.
- ▶ Remove the key from the ignition lock.

or, on vehicles with KEYLESS-GO start function or KEYLESS-GO:

 Remove the Start/Stop button from the ignition lock.

afetv

- ► Observe the warning notes on the risk of electric shock (▷ page 41).
- ► Observe the warning notes about the bonnet (▷ page 374).

RBS driving safety system (Recuperative Brake System)

The Recuperative Braking System supports you when braking with an electronically-controlled brake boost mode and enables the recovery of kinetic energy (recuperation).

Further information about the Recuperative Braking System (▷ page 259).

Panic alarm



- To prime: press the PANIC button (1) for approximately one second. A visual and audible alarm is triggered if the alarm system is primed.
- ► To deactivate: press the PANIC button (1) again.
- or
- ► Insert the key into the ignition lock.
- or, on vehicles with KEYLESS-GO:
- Press the Start/Stop button. The key must be in the vehicle.

The panic alarm function is only available in certain countries.

Occupant safety

Introduction to the restraint system

The restraint system can reduce the risk of vehicle occupants coming into contact with parts of the vehicle's interior in the event of an accident. The restraint system can also reduce the forces to which vehicle occupants are subjected during an accident.

The restraint system comprises:

- Seat belt system
- Airbags
- Child restraint system
- · Child seat securing systems

The components of the restraint system work in conjunction with each other. They can only deploy their protective function if all vehicle occupants always:

- fasten their seat belts correctly
 (▷ page 46)
- adjust their seat and head restraint properly (▷ page 108).

As the driver, you also have to make sure that the steering wheel is adjusted correctly. Observe the information relating to the correct driver's seat position (\triangleright page 107).

You also have to make sure that an airbag can inflate properly if deployed (\triangleright page 48).

An airbag supplements a correctly fastened seat belt. As an additional safety device, the airbag increases the level of protection for vehicle occupants in the event of an accident. For example, if the protection of the seat belt is sufficient in an accident, the airbags are not deployed. In the event of an accident, only the airbags that increase protection in the relevant accident situation are deployed. However, seat belts and airbags generally do not protect against objects penetrating the vehicle from the outside.

Information on the restraint system operation can be found under "Triggering of belt tensioners and airbags" (\triangleright page 55).

For more information about children travelling with you in the vehicle, see "Children in the vehicle" (\triangleright page 58).

Important safety notes

If the restraint system is modified, it may no longer work as intended. The restraint system may then not perform its intended protective function by failing in an accident or triggering unexpectedly, for example. There is an increased risk of injury, possibly even fatal.

Never modify parts of the restraint system. Do not attempt to modify the wiring as well as electronic components or their software.

If it is necessary to modify an airbag system to accommodate a person with disabilities, contact a Mercedes-Benz Service Centre.

Restraint system warning lamp

The functions of the restraint system are checked after the ignition is switched on and at regular intervals while the engine is running. Therefore, malfunctions can be detected in good time.

The restraint system warning lamp in the instrument cluster lights up when the ignition is switched on. It goes out no later than a few seconds after the vehicle is started. The components of the restraint system are in operational readiness.

A malfunction has occurred if the 🔭 restraint system warning lamp:

- does not light up after the ignition is switched on
- does not go out after a few seconds with the engine running
- lights up again while the engine is running

All vehicles, except hybrid vehicles:

If the restraint system is malfunctioning, restraint system components may be triggered unintentionally or might not be triggered at all in the event of an accident with a high rate of vehicle deceleration. This can effect belt tensioners or airbags, for example. There is an increased risk of serious or even fatal injuries.

Have the restraint system checked and repaired immediately at a qualified specialist workshop.

Hybrid vehicles:

If the restraint system is malfunctioning, restraint system components may be triggered unintentionally or might not be triggered at all in the event of an accident with a high rate of vehicle deceleration. This can effect belt tensioners or airbags, for example. In addition, the vehicle's high-voltage electrical system may not be deactivated as intended in the event of an accident. Touching damaged components of the vehicle's highvoltage electrical system could result in an electric shock. There is an increased risk of injury, possibly even fatal.

Have the restraint system checked and repaired immediately at a qualified specialist workshop. After an accident, immediately switch the ignition off and remove the key from the ignition lock.

PASSENGER AIR BAG indicator lamp



PASSENGER AIR BAG ON indicator lamp (1) and PASSENGER AIR BAG OFF indicator lamp (2) are part of the automatic deactivation system of the front-passenger front airbag.

The indicator lamps display the status of the front-passenger front airbag.

- PASSENGER AIR BAG ON lights up: the frontpassenger front airbag is enabled. If, in the event of an accident, all deployment criteria are met, the front-passenger front airbag is deployed.
- PASSENGER AIR BAG OFF lights up: the frontpassenger front airbag is disabled. It will then not be deployed in the event of an accident.

Depending on the person in the front-passenger seat, the front-passenger front airbag must either be disabled or enabled; see the following points. You must make sure of this both before and during a journey.

- Children in a rearward-facing child restraint system: the PASSENGER AIR BAG OFF indicator lamp must be lit. The frontpassenger front airbag is disabled. It is imperative to observe the notes on the "Automatic front-passenger front airbag deactivation system" (▷ page 5 1) and on "Children in the vehicle" (▷ page 58).
- Children in a forward-facing child restraint system: depending on the installed child restraint system and the age and size of the child, the front-passenger front airbag is either disabled or enabled. Therefore, it is imperative to observe the notes on the "Automatic front-passenger front airbag deactivation system" (▷ page 51) and on "Children in the vehicle" (▷ page 58).
- All other persons: the PASSENGER AIR BAG ON indicator lamp must be lit. The frontpassenger front airbag is enabled. Depending on the build of the person on the frontpassenger seat, the PASSENGER AIR BAG OFF indicator lamp may light up. The frontpassenger front airbag is disabled. It will then not be deployed in the event of an accident. In this case, the front-passenger seat should not be used.

It is imperative to observe the notes on the "Automatic front-passenger front airbag deactivation system" (▷ page 51) as well as on "Seat belts" (▷ page 45) and "Airbags" (▷ page 48). There you can also find information on the correct seat position.

Seat belts

Introduction

A correctly worn seat belt is the most effective means of restraining the movement of vehicle occupants in the event of a collision or if the vehicle overturns. This reduces the risk of vehicle occupants coming into contact with parts of the vehicle interior or being ejected from it. The seat belt also helps to keep the vehicle occupants in the best position in relation to the airbag being deployed. The seat belt system consists of:

- seat belts
- belt tensioners for the front seat belts and the outer seat belts in the rear
- belt force limiters

If the seat belt is pulled quickly or sharply from the belt outlet, the inertia reel locks. The belt strap cannot be pulled out any further.

The belt tensioner tightens the seat belt in the event of a collision so that it fits tightly across your body. However, it does not pull the vehicle occupants back in the direction of the seat backrest.

The belt tensioner does not, however, correct an incorrect seat position or correct the routing of a seat belt that is worn incorrectly.

If the seat belt is also fitted with a belt force limiter and this is triggered, the force exerted by the seat belt on the vehicle occupant is reduced. The belt force limiters on the front seats are synchronised with the front airbags, which take on a part of the deceleration force. This can reduce the forces to which the vehicle occupants are subjected during an accident.

If the co-driver's seat is not occupied, do not engage the seat belt tongue in the buckle on the co-driver's seat. Otherwise, the belt tensioner could be triggered in the event of an accident and would have to be replaced.

Important safety notes

The seat belt cannot perform its intended protective function if it is not fastened correctly. Also, an improperly fastened seat belt can cause additional injuries in the event of an accident, sudden braking or abrupt changes of direction. There is an increased risk of injury, possibly even fatal.

Always make sure that all vehicle occupants are wearing their seat belt properly and are seated correctly.

MARNING

The seat belt does not offer the intended level of protection if you have not moved the backrest to an almost vertical position. When braking or in the event of an accident, you could slide underneath the seat belt and sustain abdomen or neck injuries, for example. This poses an increased risk of injury or even fatal injury.

Adjust the seat properly before beginning your journey. Always ensure that the backrest is in an almost vertical position and that the shoulder section of your seatbelt is routed across the centre of your shoulder.

▲ WARNING

Persons under 1.50 m tall cannot wear the seat belts correctly without a suitable, additional restraint system. The seat belt cannot perform its intended protective function if it is not fastened correctly. Also, an improperly fastened seat belt can cause additional injuries in the event of an accident, sudden braking or abrupt changes of direction. There is an increased risk of injury, possibly even fatal.

Secure persons less than 1.50 m tall in a suitable restraint system.

If a child younger than twelve years old and under 1.50 m in height is travelling in the vehicle:

- always secure the child in a child restraint system suitable for this Mercedes-Benz vehicle. The child restraint system must be appropriate to the age, weight and size of the child.
- always observe the instructions and safety notes on the "Automatic front-passenger front airbag deactivation system".
 (▷ page 51)
- always observe the instructions and safety notes on "Children in the vehicle" (> page 58) in addition to the child restraint system manufacturer's installation and operating instructions.

MARNING

Seat belts cannot protect as intended, if:

- they are damaged, have been modified, are extremely dirty, bleached or dyed
- the seat belt buckle is damaged or extremely dirty
- modifications have been made to the belt tensioners, belt anchorages or inertia reels

Seat belts may sustain non-visible damage in an accident, e.g. due to glass splinters. Modified or damaged seat belts can tear or fail, for example in the event of an accident. Modified seat belt tensioners may be deployed unintentionally or fail to be deployed when required. There is an increased risk of injury, possibly even fatal.

Never modify safety belts, seat belt tensioners, seat belt anchorages and inertia reels. Ensure that seat belts are not damaged or worn and are clean. After an accident, have the seat belts checked immediately at a qualified specialist workshop.

Mercedes-Benz recommends that you only use seat belts which have been approved specifically for your vehicle by Mercedes-Benz. Otherwise, your vehicle's general operating permit could be invalidated.

Correct seat belt use

Pay attention to the safety notes about the seat belt (\triangleright page 45).

All vehicle occupants must fasten their seat belts correctly before you start driving. You must also make sure that all vehicle occupants have fastened their seat belts correctly during the journey.

When fastening your seat belt, always make sure that:

- the seat belt tongue is inserted into the belt buckle that belongs to the seat.
- the seat belt is tightened across your body. Avoid wearing bulky clothing, e.g. a winter coat.
- the seat belt is not twisted.
 Only then can the forces which occur be distributed over the area of the belt.
- the shoulder section of the belt is routed across the centre of your shoulder.
 The shoulder section of the belt must not come into contact with your neck or be routed under your arm. Where possible, adjust the seat belt to the appropriate height.
- The lap belt must be taut and as low as possible over your lap.

The lap belt must always be routed across your hip joints and not across your abdomen.

Pregnant women must take particular care with this. If necessary, push the lap belt down to your hip joint and pull it tight using the shoulder section of the belt.

• The seat belt is not routed over sharp, pointed or fragile objects.

If such objects are located on or in your clothing, e.g. pens, keys, spectacles, etc. stow these in a suitable location.

• Only one person should use each seat belt at any one time.

Babies and children must never travel sitting on the lap of another vehicle occupant. In the event of an accident, they could be crushed between the vehicle occupant and seat belt.

 Do not secure any objects with a seat belt if the seat belt is being used by one of the vehicle's occupants.

Also ensure that no objects are placed between a person and the seat. e.g. a cushion.

Seat belts are solely intended to secure and restrain persons. To secure objects, luggage or loads, always observe the "Loading guidelines" (\triangleright page 351).

Fastening and adjusting the seat belts

Observe the safety notes on the seat belt (\triangleright page 45) and the information on the correct use of the seat belt (\triangleright page 46).



Basic illustration

- Adjust the seat (▷ page 107). The seat backrest must be in an almost vertical position.
- Pull the seat belt smoothly out of the belt outlet and engage belt tongue 2 into belt buckle 1.
 The seat belt on the driver's seat and the

The seat belt on the driver's seat and the front-passenger seat may be tightened automatically, see "Belt adjustment" (> page 47).

If necessary, pull upwards on the shoulder section of the seat belt to tighten the belt across your body.

The shoulder section of the seat belt must always be routed across the centre of the shoulder. Adjust the belt outlet if necessary.

- ► To raise: slide the belt outlet upwards. The belt outlet will engage in various positions.
- ► **To lower:** hold belt outlet release ③ and slide belt outlet downwards.
- Let go of belt outlet release ③ in the desired position and make sure that the belt outlet engages.

Releasing the seat belts

- Make sure that the seat belt is fully rolled up. Otherwise, the seat belt or belt tongue will be trapped in the door or in the seat mechanism. This could damage the door, the door trim panel and the seat belt. Damaged seat belts can no longer fulfil their protective function and must be replaced. Visit a qualified specialist workshop.
- Press release button in belt buckle, hold belt tongue firmly and guide the seat belt back.

Seat belt adjustment

The seat-belt adjustment is an integral part of the PRE-SAFE[®] convenience function. This function adjusts the driver's and front-passenger seat belt to the upper body of the occupants. The belt strap is tightened slightly when:

- the seat belt tongue is engaged in the belt buckle and
- the ignition is switched on

The seat-belt adjustment will apply a certain tightening force if any slack is detected between the vehicle occupant and the seat belt. Do not

48 Occupant safety

hold on to the seat belt tightly while it is adjusting.

You can switch the seat-belt adjustment on and off in the on-board computer (\triangleright page 296).

Belt warning for the driver and front passenger

The 🚁 seat belt warning lamp in the instrument cluster is a reminder that all vehicle occupants must wear their seat belts. It may light up continuously or flash. In addition, a warning tone may sound.

The 🗼 seat belt warning lamp goes out and the warning tone ceases when the driver and the front passenger have fastened their seat belts.

(1) More information on the _____ seat belt warning lamp can be found under "Warning and indicator lamps in the instrument cluster, seat belt" (▷ page 337).

Rear seat belt status indicator



The seat belts on the left and centre rear seats, when viewed in the direction of travel, are not fastened. (Example)

The rear seat belt status indicator is only available for certain countries.

Outside Europe: the rear seat belt status indicator is only available on Mercedes-AMG vehicles.

The rear seat belt status indicator shows which rear seat belt is not fastened.

Hiding the rear seat belt status indicator immediately (\triangleright page 300).

Airbags

Introduction

The installation location of an airbag is identified by the AIRBAG symbol.

An airbag supplements a correctly worn seat belt. It is not a replacement for the seat belt. The

airbag offers additional protection in corresponding accident situations.

Not all airbags are deployed in an accident. The different airbag systems work independently of each other (\triangleright page 55).

However, no system available today can completely eliminate injuries and fatalities.

It is also not possible to completely rule out a risk of injury caused by an airbag due to the speed at which the airbag must be deployed.

Important safety notes

If you deviate from the correct seat position, the airbag cannot perform its intended protective function and can even cause additional injuries when deployed. There is an increased risk of serious or even fatal injuries.

In order to avoid such risks, always ensure that all vehicle occupants:

- fasten their seatbelts correctly, including pregnant women
- are seated correctly and maintain the furthest possible distance from the airbags
- observe the following notes

Always ensure that there are no objects located between the airbag and the vehicle occupant.

- Adjust the seats properly before beginning your journey. Always make sure that the seat is in an almost upright position. The centre of the head restraint must support the head at about eye level.
- Move the driver's and front-passenger seats as far back as possible. The driver's seat position must allow the vehicle to be driven safely.
- Only hold the steering wheel on the outside. This allows the airbag to be fully deployed.
- Always lean against the backrest while driving. Do not lean forwards or lean against the door or side window. You may otherwise be in the deployment area of the airbags.
- Always keep your feet in the footwell in front of the seat. Do not put your feet on the dash-

board, for example. Your feet may otherwise be in the deployment area of the airbag.

• Always secure persons less than 1.50 m tall in suitable restraint systems. Up to this height, the seat belt cannot be worn correctly.

If a child is travelling in your vehicle, also observe the following notes:

- Always secure children under twelve years of age and less than 1.50 m tall in suitable child restraint systems.
- Child restraint systems should be fitted to the rear seats.
- Only secure a child to the front-passenger seat when the front-passenger front airbag is disabled, and only then in a rearward-facing child restraint system. If the PASSENGER AIR BAG OFF indicator lamp is permanently lit, the front-passenger front airbag is disabled (▷ page 44).
- Always observe the instructions and safety notes on the "Automatic front-passenger front airbag deactivation system"
 (▷ page 5 1) and on "Children in the vehicle"
 (▷ page 58) in addition to the child restraint system manufacturer's installation and operating instructions.

Objects in the vehicle interior may prevent the airbag from functioning correctly. Before starting your journey and to avoid risks resulting from the speed of the airbag as it deploys, make sure that:

- there are no people, animals or objects between the vehicle occupants and an airbag.
- there are no objects between the seat, door and B-pillar.
- no hard objects, e.g. coat hangers, are hanging on the grab handles or coat hooks.
- no accessories, such as cup holders, are attached to the vehicle within the deployment area of an airbag, e.g. to doors, side windows, rear side trim or side walls.
- no heavy, sharp-edged or fragile objects are in the pockets of your clothing. Store such objects in a suitable place.

If you modify an airbag cover or affix objects such as stickers to it, the airbag can no longer function correctly. There is an increased risk of injury. Never modify an airbag cover or affix objects to it.

Sensors to control the airbags are located in the doors. Modifications or work not performed correctly to the doors or door panelling, as well as damaged doors, can lead to the function of the sensors being impaired. The airbags might therefore not function properly any more. Consequently, the airbags cannot protect vehicle occupants as they are designed to do. This poses an increased risk of injury.

Never modify the doors or parts of the doors. Always have work on the doors or door panelling carried out at a qualified specialist workshop.

Front airbags

Do not place heavy objects on the frontpassenger seat. This could cause the system to identify the seat as being occupied. In the event of an accident, the restraint systems on the front-passenger side may be triggered and have to be replaced.



Driver's airbag ① deploys in front of the steering wheel. Front-passenger front airbag ② deploys in front of and above the glove compartment.

When deployed, the front airbags offer additional head and thorax protection for the occupants in the front seats.

The PASSENGER AIR BAG OFF and PASSENGER AIR BAG ON indicator lamps inform you about the status of the front-passenger front airbag (> page 44). The front-passenger front airbag will only deploy if:

- the automatic front-passenger front airbag deactivation system has detected that the front-passenger seat is occupied (▷ page 51). The PASSENGER AIR BAG ON indicator lamp is lit (\triangleright page 51)
- the restraint system control unit predicts a high accident severity

Driver's kneebag



Driver's kneebag (1) deploys under the steering column. The driver's kneebag is triggered together with the front airbags.

The driver's kneebag offers additional thigh, knee and lower leg protection for the occupant in the driver's seat.

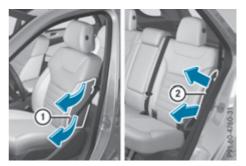
1 The driver's kneebag is only available in certain countries.

Sidebags

WARNING

Unsuitable seat covers can obstruct or prevent the deployment of the airbags integrated into the seats. Consequently, the airbags cannot protect vehicle occupants as they are designed to do. In addition, the function of the automatic front-passenger front airbag deactivation system could be restricted. This poses an increased risk of injury or even fatal injury.

You should only use seat covers that have been approved for the corresponding seats by Mercedes-Benz.



Front sidebags (1) and rear sidebags (2) deploy next to the outer bolster of the seat backrest. When deployed, the sidebag offers additional thorax protection. It also offers additional pelvis protection for occupants in the front seats. However, it does not protect the:

- head
- neck
- arms

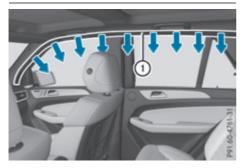
In the event of a side impact, the sidebag is deployed on the side on which the impact occurs.

Vehicles with the automatic front-passenger airbag deactivation system: the sidebag on the front-passenger side deploys under the following conditions:

- an occupant is detected on the frontpassenger seat or
- the belt tongue is engaged in the belt buckle of the front-passenger seat

If the belt tongue is engaged in the belt buckle, the sidebag on the front-passenger side deploys if an appropriate accident situation occurs. In this case, deployment is independent of whether the front-passenger seat is occupied or not.

Windowbags



Windowbags ① are integrated into the side of the roof frame and deploy in the area from the A-pillar to the C-pillar.

When deployed, the windowbag enhances the level of protection for the head. However, it does not protect the chest or arms.

In the event of a side impact, the windowbag is deployed on the side which the impact occurs.

If the system determines that they can offer additional protection to that provided by the seat belt, a windowbag may be deployed in other accident situations (\triangleright page 55).

Automatic front-passenger front airbag deactivation

Introduction

In order to recognise a child restraint system on the front-passenger seat, the automatic frontpassenger front airbag deactivation system categorises the person in the front-passenger seat. Depending on that result, the front-passenger front airbag is either enabled or disabled. If a rearward-facing child restraint system is fitted to the front-passenger seat, the PASSENGER AIR BAG OFF indicator lamp must light up after the system self-test and remain lit. The frontpassenger front airbag is disabled.

The system does not disable:

- the sidebag
- the windowbag
- the seat belt tensioner

In the following situation, the sidebag and the seat belt tensioner are deactivated:

• the automatic front-passenger front airbag deactivation system has not categorised the

person on the front-passenger seat as an adult or a person of corresponding stature and

• the seat belt tongue of the seat belt is not inserted into the front-passenger seat belt buckle

Make sure that your vehicle is equipped with the automatic front-passenger front airbag deactivation system (\triangleright page 62). If this is not the case, always install a child restraint system on a suitable rear seat (\triangleright page 63).

If it is absolutely necessary to install a child restraint system on the front-passenger seat, be sure to observe the correct positioning of the child restraint system. Never place objects under or behind the child restraint system, e.g. a cushion. The entire base of the child restraint system must always rest on the seat cushion of the front-passenger seat. The backrest of the forward-facing child restraint system must, as far as possible, be resting on the backrest of the front-passenger seat. The child restraint system must not touch the roof or be put under strain by the head restraint. Adjust the angle of the seat backrest and the head restraint position accordingly. Only then is the correct function of the automatic front-passenger front airbag deactivation system guaranteed. Always observe the information on suitable positioning of the child restraint system (▷ page 63) in addition to the child restraint system manufacturer's installation instructions.

Operation of automatic front-passenger front airbag deactivation



PASSENGER AIR BAG ON indicator lamp
 PASSENGER AIR BAG OFF indicator lamp

The indicator lamps inform you whether the front-passenger front airbag is disabled or enabled.

- Press the Start/Stop button once or twice, or turn the key to position 1 or 2 in the ignition lock.
 - The system carries out a self-diagnosis.

The PASSENGER AIR BAG OFF and PASSENGER AIR BAG ON indicator lamps must light up simultaneously for approximately six seconds.

The indicator lamps display the status of the front-passenger front airbag:

- PASSENGER AIR BAG ON lights up: the frontpassenger front airbag is enabled. If, in the event of an accident, all deployment criteria are met, the front-passenger front airbag is deployed.
- PASSENGER AIR BAG OFF lights up: the frontpassenger front airbag is disabled. It will then not be deployed in the event of an accident.

If the status of the front-passenger front airbag changes while the vehicle is in motion, an airbag display message appears in the instrument cluster (▷ page 311). When the front-passenger seat is occupied, always pay attention to the PASSENGER AIR BAG ON and PASSENGER AIR BAG OFF indicator lamps. Be aware of the status of the front-passenger front airbag both before and during the journey.

If a person sits in the passenger seat, they must be:

- · seated with the seat belt fastened correctly
- in an almost upright position with their back against the seat backrest
- with their feet resting on the floor, if possible

If the front passenger does not observe these conditions, the automatic front-passenger front airbag deactivation system may be influenced, e.g. because the front passenger:

- transfers their weight by supporting themselves on a vehicle armrest
- sits in such a way that their weight is raised from the seat cushion

The front-passenger front airbag may be disabled by mistake as a result of these or similar actions. In this case, the PASSENGER AIR BAG OFF indicator lamp lights up permanently. The front-passenger front airbag does not then deploy during an accident.

If the PASSENGER AIRBAG OFF indicator lamp is lit, the front-passenger front airbag is disabled. It will not be deployed in the event of an accident and cannot perform its intended protective function. A person in the frontpassenger seat could then, for example, come into contact with the vehicle's interior, especially if the person is sitting too close to the dashboard. This poses an increased risk of injury or even fatal injury.

When the front-passenger seat is occupied, always make sure that:

- the classification of the person in the frontpassenger seat is correct and that the frontpassenger front airbag is enabled or disabled in accordance with the person in the front-passenger seat.
- the front-passenger seat has been moved back as far back as possible.
- the person is seated correctly.

Make sure, both before and during the journey, that the status of the front-passenger front airbag is correct.

MARNING

If you secure a child on the co-driver's seat in a rearward-facing child restraint system and the PASSENGER AIR BAG ON indicator lamp lights up, the co-driver's airbag could be deployed in the event of an accident. The child could be struck by the airbag. There is an increased risk of injury, possibly even fatal.

In this case, always ensure that the co-driver's airbag is disabled. The PASSENGER AIRBAG OFF indicator lamp must light up.

If the PASSENGER AIR BAG OFF indicator lamp remains off and/or the PASSENGER AIR BAG ON indicator lamp lights up, do not install a rearward-facing child restraint system on the frontpassenger seat. Further information can be found under "Problems with the automatic frontpassenger front airbag deactivation system" (\triangleright page 55).

▲ WARNING

If you secure a child in a forward-facing child restraint system on the front-passenger seat and you position the front-passenger seat too close to the dashboard, in the event of an accident, the child could:

- come into contact with the vehicle's interior if the PASSENGER AIR BAG OFF indicator lamp is lit, for example
- be struck by the airbag if the PASSENGER AIR BAG ON is lit up

This poses an increased risk of injury or even fatal injury.

Move the front-passenger seat as far back as possible. Always make sure that the shoulder belt strap is correctly routed from the vehicle belt outlet to the shoulder belt guide on the child restraint system. The shoulder belt strap must be routed forwards and downwards from the vehicle belt outlet. If necessary, adjust the vehicle belt outlet and the frontpassenger seat accordingly. Always observe the information in this Owner's Manual on suitable positioning of the child restraint system in addition to the child restraint system manufacturer's installation instructions.

If the automatic front-passenger front airbag deactivation system detects that:

- the front-passenger seat is unoccupied, the PASSENGER AIR BAG OFF indicator lamp lights up after the system self-test and remains lit. This indicates that the frontpassenger front airbag is disabled.
- the front-passenger seat is occupied by a child in a rearward-facing child restraint system, the PASSENGER AIR BAG OFF indicator lamp lights up after the system self-test and remains lit. This indicates that the front-passenger front airbag is disabled.

But in the case of a child in a rearward-facing child restraint, the PASSENGER AIR BAG ON indicator lamp can light up after the system self-test and remain lit. This indicates that the front-passenger front airbag is enabled. The result of the classification is dependent on, among other factors, the child restraint system and the child's build. It is recommended that you fit the child restraint system to a suitable rear seat.

 the front-passenger seat is occupied by a child in a forward-facing child restraint system, either the PASSENGER AIR BAG ON or PASSENGER AIR BAG OFF indicator lamp lights up and remains lit after the system selftest depending on the result of the classification. The result of the classification is dependent on, among other factors, the child restraint system and the child's build.

Move the front-passenger seat as far back as possible. Always observe the information in "Child restraint systems on the frontpassenger seat" (> page 62) and in "Suitable positioning of the child restraint system" (> page 63). Alternatively, you can fit the child restraint system to a suitable rear seat.

- the front-passenger seat is occupied by a person with a smaller build (e.g. a teenager or small adult), either the PASSENGER AIR BAG ON or PASSENGER AIR BAG OFF indicator lamp lights up and remains lit after the system self-test depending on the result of the classification.
 - if the PASSENGER AIR BAG ON indicator lamp lights up, move the front-passenger seat as far back as possible. Alternatively, a person with a small build can sit on a rear seat.
 - if the PASSENGER AIR BAG OFF indicator lamp is lit, a person with a smaller build should not use the front-passenger seat.
- the front-passenger seat is occupied by an adult or a person with a build corresponding to that of an adult, the PASSENGER AIR BAG ON indicator lamp lights up after the system self-test and remains lit. This indicates that the front-passenger front airbag is enabled.

If children are travelling in the vehicle, be sure to observe the notes on "Children in the vehicle" (\triangleright page 58).

If the automatic front-passenger front airbag deactivation system is malfunctioning, the red restraint system warning lamp in the instrument cluster and the PASSENGER AIR BAG OFF indicator lamp light up simultaneously. The front-passenger front airbag is disabled in this case and does not deploy during an accident. Have the system checked as soon as possible by qualified technicians. Consult a Mercedes-Benz Service Centre. The frontpassenger seat should only be repaired at a Mercedes-Benz Service Centre. If the front-passenger seat, the seat cover or the seat cushion is damaged, have the necessary repair work carried out at a Mercedes-Benz Service Centre.

For safety reasons, Mercedes-Benz recommends that you only use a child restraint system which has been tested and approved by Mercedes-Benz in combination with the automatic front-passenger front airbag deactivation system.

System self-test

▲ DANGER

If both the PASSENGER AIR BAG OFF and PASSENGER AIR BAG ON indicator lamps do not light up during the system self-test, the system is malfunctioning. The frontpassenger front airbag might be triggered unintentionally or might not be triggered at all in the event of an accident with high deceleration. This poses an increased risk of injury or even fatal injury.

In this case the front-passenger seat may not be used. Do not install a child restraint system on the front-passenger seat. Have the automatic front-passenger front airbag deactivation system checked and repaired immediately at a qualified specialist workshop.

MARNING

If the PASSENGER AIRBAG OFF indicator lamp remains lit after the system self-test, the front-passenger front airbag is disabled. It will not be deployed in the event of an accident. In this case, the front-passenger front airbag cannot perform its intended protective function, e.g. when a person is seated in the frontpassenger seat.

That person could, for example, come into contact with the vehicle's interior, especially if the person is sitting too close to the dashboard. This poses an increased risk of injury or even fatal injury. When the front-passenger seat is occupied, always ensure that:

- the classification of the person in the frontpassenger seat is correct and the frontpassenger front airbag is enabled or disabled in accordance with the person in the front-passenger seat.
- the person is seated properly with a correctly fastened seat belt.
- the front-passenger seat has been moved as far back as possible.

If the PASSENGER AIR BAG OFF indicator lamp remains lit when it should not, the frontpassenger seat may not be used. Do not install a child restraint system on the frontpassenger seat. Have the automatic frontpassenger front airbag deactivation system checked and repaired immediately at a qualified specialist workshop.

Objects between the seat surface and the child restraint system could affect the function of the automatic front-passenger front airbag deactivation system. This could result in the front-passenger front airbag not functioning as intended during an accident. This poses an increased risk of injury or even fatal injury.

Do not place any objects between the seat surface and the child restraint system. The entire base of the child restraint system must always rest on the seat cushion of the frontpassenger seat. The backrest of the forwardsfacing child restraint system must, as far as possible, be resting on the backrest of the rear reclining seat. Always comply with the child restraint system manufacturer's installation instructions.

After the system self-test, the PASSENGER AIR BAG OFF or PASSENGER AIR BAG ON indicator lamp displays the status of the front-passenger front airbag (\triangleright page 51).

Further information can be found under "Problems with the automatic front-passenger front airbag deactivation system" (\triangleright page 55).

Problems with automatic front-passenger front airbag deactivation

Problem Possible causes/consequences and Solutions The PASSENGER AIR The classification of the person on the front-passenger seat is false. **BAG OFF indicator lamp** Make sure the conditions for a correct classification of the person lights up and remains lit, on the front-passenger seat are met (\triangleright page 51). even though the front-If the PASSENGER AIR BAG OFF indicator lamp remains lit, the frontpassenger seat is occupassenger seat may not be used. pied by an adult or a per-► Have the automatic front-passenger front airbag deactivation sysson with a build corretem checked as soon as possible at a Mercedes-Benz Service sponding to that of an Centre. adult. The PASSENGER AIR The automatic front-passenger front airbag deactivation system is BAG OFF indicator lamp malfunctioning. does not light up and/or Make sure there is nothing between the seat and the child restraint does not stay on. system. The front-passenger seat Make sure that the entire base of the child restraint system rests on is: the seat cushion of the front-passenger seat. • empty When installing the child restraint system, make sure that the seat belt is tight. Do not pull the seat belt tight with the front-passenger · occupied with a rearseat adjustment. This could result in the seat belt and the child ward-facing child restraint system being pulled too tightly. restraint system • Check that the child restraint system is installed correctly. ▶ Make sure that no objects are applying additional weight to the seat. ▶ If the PASSENGER AIR BAG OFF indicator lamp remains off and/or the PASSENGER AIR BAG ON indicator lamp lights up, do not install a rearward-facing child restraint system on the front-passenger seat. It is recommended that you fit the child restraint system to a suitable rear seat. ▶ Have the automatic front-passenger front airbag deactivation system checked as soon as possible at a Mercedes-Benz Service

Be sure to observe the notes on "System self-test" (\triangleright page 54).

Deployment of belt tensioners and airbags

Centre.

Important safety notes

After the airbag deploys, the airbag parts are hot. There is a risk of injury.

Do not touch the airbag parts. Have a deployed airbag replaced at a qualified specialist workshop as soon as possible.

MARNING

Pyrotechnic seat belt tensioners that have been deployed are no longer operational and are unable to perform their intended protective function. This poses an increased risk of injury or even fatal injury.

Therefore, have pyrotechnic belt tensioners which have been triggered immediately replaced at a qualified specialist workshop.

Mercedes-Benz recommends that you have the vehicle towed to a qualified specialist workshop after an accident. Take this into account, par-

ticularly if a seat belt tensioner was triggered or an airbag was deployed.

An electric motor is used by PRE-SAFE® to trigger the tightening of the seat belt in hazardous situations. This procedure is reversible.

If the belt tensioners are triggered or an airbag is deployed, you will hear a bang, and a small amount of powder may also be released. The restraint system warning lamp lights up. Only in rare cases will the bang affect your hearing. In general, the powder released is not hazardous to health but may cause short-term breathing difficulties to persons suffering from asthma or other pulmonary conditions. Provided it is safe to do so, you should leave the vehicle immediately or open the window in order to prevent breathing difficulties.

Operation

During the first stage of a collision, the restraint system control unit evaluates important physical data relating to vehicle deceleration or acceleration, such as:

- duration
- direction
- intensity

Based on the evaluation of this data, the restraint system control unit triggers the seat belt tensioners in the event of a head-on or rear collision.

A seat belt tensioner can only be triggered if:

- the ignition is switched on
- the components of the restraint system are operational. You can find further information under: "Restraint system warning lamp" (▷ page 44)
- the belt tongue has engaged in the belt buckle of the respective front seat

The seat belt tensioners in the rear compartment are triggered independently of the lock status of the seat belts.

If the restraint system control unit detects a high severity accident, in certain head-on collisions, additional components of the restraint system are deployed independently of each other:

- · front airbags and driver's kneebag
- windowbag, if the system determines that deployment can offer additional protection to that provided by the seat belt

On vehicles with the automatic front-passenger front airbag deactivation system: depending on the person in the front-passenger seat, the front-passenger front airbag is either disabled or enabled. The front-passenger front airbag can only be deployed in an accident if the PASSENGER AIR BAG ON indicator lamp is lit. Observe the information on the PASSENGER AIR BAG indicator lamps (> page 44).

Your vehicle has two-stage front airbags. In the first deployment stage, the front airbag is filled with propellant gas to reduce the risk of injuries. The front airbag is fully deployed if the second deployment stage is activated within a few milliseconds.

The activation threshold for the seat belt tensioners and airbags is determined based on the evaluation of the vehicle's rate of deceleration or acceleration at various points in the vehicle. This process is pre-emptive in nature. The triggering/deployment process should take place in good time at the start of the collision.

The rate of vehicle deceleration or acceleration and the direction of the force are essentially determined by:

- the distribution of forces during the collision
- · the collision angle
- the deformation characteristics of the vehicle
- the characteristics of the object with which the vehicle has collided

Factors which can only be seen and measured after a collision has occurred do not play a decisive role in the deployment of an airbag, nor do they provide an indication of airbag deployment.

The vehicle may be deformed significantly without an airbag being deployed. This is the case if only parts which are relatively easily deformed are affected and the rate of deceleration is not high. Conversely, an airbag may be deployed even though the vehicle suffers only minor deformation. This is the case if, for example, very rigid vehicle parts such as longitudinal body members are hit, and sufficient deceleration occurs as a result.

If the restraint system control unit detects a side impact or if the vehicle overturns, the applicable components of the restraint system are activated independently of each other depending on the apparent type of accident.

• Sidebags on the side on which an impact occurs, independent from the seat belt tensioner and seat belt usage

Vehicles with the automatic front-passenger airbag deactivation system: the sidebag on the front-passenger side deploys under the following conditions:

- an occupant is detected on the frontpassenger seat or
- the belt tongue is engaged in the belt buckle of the front-passenger seat
- Windowbag on the side on which an impact occurs, independent of seat belt usage and regardless of whether the front-passenger seat is occupied
- Seat belt tensioners, if the system determines that deployment can offer additional protection for the vehicle occupants in this situation
- Windowbags on the driver's and frontpassenger side in certain situations if the vehicle overturns and if the system determines that deployment can offer additional protection to that provided by the seat belt

 Not all airbags are deployed in an accident. The different airbag systems work independently of each other.

How the airbag system works is determined by the severity of the accident detected, especially the vehicle deceleration or acceleration, and the apparent type of accident:

- frontal collision
- side impact
- overturn

PRE-SAFE[®] (anticipatory occupant protection)

Introduction

In certain hazardous situations, PRE-SAFE[®] takes pre-emptive measures to protect the vehicle occupants.

Important safety notes

Make sure that there are no objects in the footwell or behind the seats. There is a risk that the seats and/or the objects could be damaged when PRE-SAFE[®] is activated.

Although your vehicle is equipped with PRE-SAFE[®], the possibility of injury in the event of an accident cannot be ruled out. Always adapt your driving style to suit the prevailing road and weather conditions and maintain a safe distance from the vehicle in front. Drive carefully.

Function

PRE-SAFE® intervenes:

- in emergency braking situations, e.g. when BAS is activated
- in critical driving situations, e.g. when physical limits are exceeded and the vehicle understeers or oversteers severely
- on vehicles with the Driving Assistance package: if BAS PLUS intervenes powerfully or the radar sensor system detects an imminent danger of collision in certain situations

PRE-SAFE[®] takes the following measures depending on the hazardous situation detected:

- the front seat belts are pre-tensioned.
- if the vehicle skids, the side windows and the sliding sunroof are closed.
- vehicles with the memory function: the frontpassenger seat is adjusted if it is in an unfavourable position.
- vehicles with a multicontour seat: the air pressure in the side bolsters of the backrest is increased.

If the hazardous situation passes without resulting in an accident, PRE-SAFE[®] slackens the belt pre-tensioning. On vehicles with multicontour seats, the air pressure in the side bolsters is reduced again. All settings made by PRE-SAFE[®] can then be reversed.

If the seat belt pre-tensioning is not reduced:

Move the seat backrest or seat back slightly when the vehicle is stationary. Seat belt pre-tensioning is reduced and the locking mechanism is released.

The seat-belt adjustment is an integral part of the PRE-SAFE[®] convenience function. Information about the convenience function can be found under "Belt adjustment" (▷ page 47).

PRE-SAFE[®] PLUS (anticipatory occupant protection PLUS)

Introduction

PRE-SAFE[®] PLUS is only available in vehicles with the Driving Assistance package.

Using the radar sensor system, PRE-SAFE[®] PLUS is able to detect that a head-on or rear-end collision is imminent. In certain hazardous situations, PRE-SAFE[®] PLUS takes pre-emptive measures to protect the vehicle occupants.

Important safety notes

The intervention of $\mbox{PRE-SAFE}^{\circledast}$ PLUS cannot prevent an imminent collision.

The driver is not warned before the intervention of $\mathsf{PRE}\text{-}\mathsf{SAFE}^{\circledast}$ PLUS.

PRE-SAFE[®] PLUS does not intervene:

- if the vehicle is reversing
- when the vehicle is towing a trailer and there is a risk of a rear-end collision

When driving, or when parking or exiting a parking space with assistance from Active Parking Assist, PRE-SAFE[®] PLUS will not apply the brakes.

Function

PRE-SAFE[®] PLUS intervenes in certain situations if the radar sensor system detects an imminent head-on or rear-end collision.

PRE-SAFE[®] PLUS takes the following measures depending on the hazardous situation detected:

- if the radar sensor system detects that a head-on collision is imminent, the seat belts are pre-tensioned
- if the radar sensor system detects that a rearend collision is imminent:
 - the rear hazard warning lamps are activated and flash at a higher frequency
 - the brake pressure is increased if the driver applies the brakes when the vehicle is stationary
 - the seat belts are pre-tensioned.

The PRE-SAFE $\ensuremath{\mathbb{B}}$ PLUS braking application is cancelled:

- if the accelerator pedal is depressed when a gear is engaged
- if the risk of a collision passes or is no longer detected
- if DISTRONIC PLUS indicates an intention to pull away

If the hazardous situation passes without resulting in an accident, the original settings are restored.

Automatic measures after an accident

Immediately after an accident, the following measures may be implemented, depending on the type and severity of the impact:

- the hazard warning lamps are activated
- the emergency lighting is activated
- the vehicle doors are unlocked
- the front side windows are lowered
- vehicles with a memory function: the electrically adjustable steering wheel is raised
- the engine is switched off and the fuel supply is cut off
- vehicles with the Mercedes-Benz emergency call system: automatic emergency call
- vehicles with the hybrid drive system: the hybrid system and the high-voltage electrical system are deactivated

Children in the vehicle

Important safety notes

Accident statistics show that children secured in the rear seats are safer than children secured in the front-passenger seat. For this reason, Mercedes-Benz strongly advises that you install a child restraint system on a rear seat. Children are generally better protected there.

If a child younger than twelve years old and under 1.50 m in height is travelling in the vehicle:

- always secure the child in a child restraint system suitable for Mercedes-Benz vehicles. The child restraint system must be appropriate to the age, weight and size of the child.
- be sure to observe the instructions and safety notes in this section in addition to the child restraint system manufacturer's installation instructions.
- always pay attention to the instructions and safety notes on the automatic frontpassenger front airbag deactivation system (▷ page 51).

▲ WARNING

If you leave children unattended in the vehicle, they may be able to set the vehicle in motion if, for example, they:

- release the parking brake
- shift the automatic transmission out of park position P
- start the engine

In addition, they may operate vehicle equipment and become trapped. There is a risk of an accident and injury.

When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle.

If persons (particularly children) are exposed to heat or cold for a prolonged period, there is a risk of serious or even fatal injuries. Never leave persons (particularly children) unattended in the vehicle.

If the child restraint system is placed in direct sunlight, the parts could become very hot. Children could be suffer burns by touching these parts, in particular on the metallic parts of the child restraint system. There is a risk of injury.

If you and your child leave the vehicle, always make sure that the child restraint system is not in direct sunlight. Cover it with a blanket, for example. If the child restraint system has been exposed to direct sunlight, leave it to cool down before securing the child in it. Never leave children unattended in the vehicle.

Always ensure that all vehicle occupants have their seat belts fastened correctly and are sitting properly. Particular attention must be paid to children.

Observe the safety notes on the seat belt (\triangleright page 45) and the information on the correct use of the seat belt (\triangleright page 46).

Child restraint system

If you fit a rearward-facing child restraint system to the centre rear seat, the rear arm rest must be folded back as far as possible.

Observe the instructions for correct use of the child restraint system (\triangleright page 63).

For safety reasons, Mercedes-Benz recommends that you only use a child restraint system recommended by Mercedes-Benz (> page 67).

If the child restraint system is incorrectly fitted on the seat position suitable for this purpose, it cannot perform its intended protective function. In the event of an accident, sharp braking or a sudden change in direction, the child may not be held securely. There is an increased risk of serious or even fatal injuries.

Observe the manufacturer's installation instructions and the correct use for the child restraint system. Make sure that the entire surface of the child restraint system is resting on the seat surface. Never place objects under or behind the child restraint system, e.g. cushions. Only use child restraint systems with the original cover designed for them. Only replace damaged covers with genuine covers.

▲ WARNING

If the child restraint system is fitted incorrectly or is not secured, it can come loose in the event of an accident, heavy braking or a sudden change in direction. The child restraint system could be thrown about, striking vehicle occupants. There is an increased risk of injury, possibly even fatal.

Always fit child restraint systems properly, even if they are not being used. Make sure that you observe the child restraint system manufacturer's installation instructions.

You will find further information on stowing objects, luggage and loads securely under "Loading guidelines" (▷ page 351).

▲ WARNING

Child restraint systems or their securing systems that have been damaged or subjected to a load in an accident cannot perform their intended protective function. In the event of an accident, sharp braking or a sudden change in direction, the child may not be held securely. There is an increased risk of serious or even fatal injuries.

Immediately replace child restraint systems that have been damaged or subjected to a load in an accident. Have the child restraint securing systems checked in a qualified specialist workshop before fitting a child restraint system again.

The securing systems of child restraint systems are:

- the seat belt system
- the ISOFIX securing rings
- the Top Tether anchorages

If it is absolutely necessary to fit a child restraint system on the front-passenger seat, always observe the information on "Child restraint systems on the front-passenger seat" (> page 62).

Observe the warning labels in the vehicle interior and on the child restraint system.

It is advisable to use Mercedes-Benz care products to clean child restraint systems recommended by Mercedes-Benz. Information can be obtained at a qualified specialist workshop.

ISOFIX child seat securing system

MARNING

ISOFIX child restraint systems do not offer sufficient protective effect for children whose weight is greater than 22 kg who are secured using the safety belt integrated in the child restraint system. The child could, for example, not be restrained correctly in the event of an accident. This poses an increased risk of injury or even fatal injury.

If the child weighs more than 22 kg, only use ISOFIX child restraint systems with which the

child is also secured with the vehicle seat belt. Also secure the child restraint system with the Top Tether belt, if available.

When fitting a child restraint system, be sure to observe the manufacturer's installation and operating instructions and the instructions for correct use of the child restraint system (\triangleright page 63).

Before every trip, make sure that the ISOFIX child restraint system is engaged correctly in both ISOFIX securing rings.

When fitting the child restraint system, make sure that the seat belt for the centre seat does not get trapped. Otherwise, the seat belt could be damaged.



ISOFIX securing rings

 Install the ISOFIX child restraint system on both ISOFIX securing rings 1.

ISOFIX is a standardised securing system for specially designed child restraint systems on the rear seats. The ISOFIX securing rings for two ISOFIX child restraint systems are fitted on the left and right of the rear seats.

Non-ISOFIX child seats may also be used and can be installed using the vehicle's seat belt system. When fitting a child restraint system, be sure to observe the manufacturer's installation and operating instructions and the instructions for correct use of the child restraint system (\triangleright page 63).

Top Tether

Introduction

Top Tether provides an additional connection between the child restraint system secured with ISOFIX and the vehicle. It helps reduce the risk of injury even further. If the child restraint system is fitted with a Top Tether belt, this should always be used.

Important safety notes

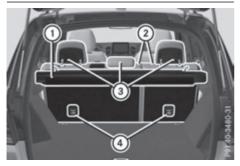
▲ WARNING

If the rear seat backrests are not locked, they could fold forwards in the event of an accident, heavy braking or sudden changes of direction. As a result, child restraint systems cannot perform their intended protective function. Rear seat backrests that are not locked can also cause additional injuries, e.g. in the event of an accident. This poses an increased risk of injury or even fatal injury.

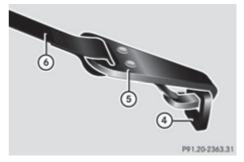
Always lock rear seat backrests after fitting a Top Tether belt. Adjust the rear seat backrests so that they are positioned upright.

Make sure that the backrest in the rear compartment engages fully. To do so, pull firmly on the seat backrest.

Top Tether anchorages



Top Tether anchorage points (4) are located on the rear side of the backrests on both outer rear seats.



- ► Move head restraint ③ upwards (▷ page 110).
- Fit the ISOFIX child restraint system with Top Tether. Always comply with the child restraint system manufacturer's installation instructions when doing so.
- Route Top Tether belt (a) under head restraint
 (3) between the two head restraint bars.
- Guide Top Tether belt (a) downwards between luggage compartment cover (1) and rear seat backrest (2).
- Hook Top Tether hook (5) of Top Tether belt
 (6) into Top Tether anchorage (4).
 Ensure that:
 - Top Tether hook (5) is hooked into Top Tether anchorage (4) as shown
 - Top Tether belt 6 is not twisted
 - Top Tether belt (a) is routed between rear seat backrest (c) and luggage compartment cover (1) if luggage compartment cover (1) is fitted
 - Top Tether belt (a) is routed between rear seat backrest (c) and the safety net if the safety net is fitted
- Tension Top Tether belt (3). Always comply with the child restraint system manufacturer's installation instructions when doing so.
- ► If necessary, move head restraint ③ back down again slightly (▷ page 110). Make sure that you do not interfere with the correct routing of Top Tether belt ⑥.

Child restraint system on the frontpassenger seat

General notes

Accident statistics show that children secured in the rear seats are safer than children secured in the front-passenger seat. For this reason, Mercedes-Benz strongly advises that you install a child restraint system on a rear seat.

Vehicles with the automatic front-passenger front airbag deactivation system: if it is absolutely necessary to fit a child restraint system to the front-passenger seat, always observe the information on the "Automatic front-passenger front airbag deactivation system" (▷ page 51). You can thus avoid the risks that could arise as a result of:

- a child restraint system that is not detected by the automatic front-passenger front airbag deactivation system
- the unintentional disabling of the frontpassenger front airbag
- the unsuitable positioning of the child restraint system, e.g. too close to the dashboard



Please observe the warning notice on the frontpassenger sun visor, see the illustration.

If you secure a child on the co-driver's seat in a rearward-facing child restraint system and the PASSENGER AIR BAG ON indicator lamp lights up, the co-driver's airbag could be deployed in the event of an accident. The child could be struck by the airbag. There is an increased risk of injury, possibly even fatal. In this case, always ensure that the co-driver's airbag is disabled. The PASSENGER AIRBAG OFF indicator lamp must light up.

NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it; DEATH or SERIOUS INJURY to the CHILD can occur.

If the PASSENGER AIR BAG ON indicator lamp is lit, the front-passenger front airbag is enabled (\triangleright page 44).

Vehicles without the automatic frontpassenger front airbag deactivation system



If the front-passenger seat of your vehicle is not equipped with the automatic front-passenger front airbag deactivation system, this is indicated by a special sticker. The sticker is affixed to the side of the dashboard on the frontpassenger side. The sticker is visible when you open the front-passenger door.

If you turn the key to position **2** in the ignition lock, the PASSENGER AIR BAG OFF and PASSENGER AIR BAG ON indicator lamps light up briefly. However, they have no function and do not indicate that there is an automatic frontpassenger front airbag deactivation system.

In this case, never fit a rearward-facing child restraint system on the front passenger seat (\triangleright page 63).

Observe the following information under "Rearward-facing child restraint system" and "Forward-facing child restraint system" as well as information on the suitable positioning of the child restraint system (\triangleright page 63).

Rearward-facing child restraint system

If it is absolutely necessary to fit a rearwardfacing child restraint system to the frontpassenger seat, always make sure that the front-passenger front airbag is disabled. Only if the PASSENGER AIR BAG OFF indicator lamp is lit continuously (▷ page 44)is the frontpassenger front airbag disabled.

Always observe the information on suitable positioning of the child restraint system $(\triangleright$ page 63) in addition to the child restraint system manufacturer's installation and operating instructions.

Forward-facing child restraint system

If it is absolutely necessary to fit a forwardfacing child restraint system to the frontpassenger seat, always move the frontpassenger seat as far back as possible. The entire base of the child restraint system must always rest on the seat cushion of the frontpassenger seat. The backrest of the child restraint system must, as far as possible, lie flat against the backrest of the front-passenger seat. The child restraint system must not touch the roof or be put under strain by the head restraint. Adjust the angle of the seat backrest and the head restraint position accordingly. Always make sure that the shoulder belt strap is correctly routed from the vehicle belt outlet to the shoulder belt guide on the child restraint system. The shoulder belt strap must be routed forwards and downwards from the vehicle belt outlet. If necessary, adjust the vehicle belt outlet and the front-passenger seat accordingly. Always observe the information on suitable

positioning of the child restraint system $(\triangleright$ page 63) in addition to the child restraint system manufacturer's installation and operating instructions.

Suitable positioning of the child restraint system

Introduction

Only child restraint systems which are approved in accordance with the ECE standard ECE R44 are permitted for use in the vehicle.

"Universal" category child restraint systems can be recognised by their orange approval label and the text "Universal".



Approval labels for child restraint systems in accordance with FCF-R44 standards

"Universal" category child restraint systems can be used on the seats indicated with U. UF or IUF according to the tables "Suitability of the seats for attaching belt-secured child restraint systems" or "Suitability of the seats for attaching an ISOFIX child restraint system".

Semi-universal child restraint systems are indicated by the text "semi-universal" on the approval label. These can be used if the vehicle and the seat are listed in the child restraint system manufacturer's vehicle model list. For more information, contact the child restraint system manufacturer or visit their website.

Child restraint system on the front-

passenger seat – if it is absolutely necessary to secure a child in a child restraint system on the front-passenger seat:

Always pay attention to the instructions under "Child restraint system on the frontpassenger seat" (\triangleright page 62).

There you will find instructions on how to correctly route the shoulder belt strap from the vehicle belt outlet to the shoulder belt guide on the child restraint system (\triangleright page 63).

- ► Move the front-passenger seat as far back as possible.
- Move the backrest to an almost vertical position.

The entire base of the child restraint system must always rest on the seat cushion of the front-passenger seat. The backrest of the forward-facing child restraint system must, as far as possible, be resting on the backrest of the front-passenger seat. The child restraint system must not touch the roof or be put under strain by the head restraint. Adjust the angle of the seat backrest and the head restraint position accordingly. Also observe

the child restraint system manufacturer's installation instructions.

 Move the seat cushion angle to the highest, most vertical position.

Installing a child restraint system on a rear seat

- Move the backrest of the rear seat to an
- almost vertical position (\triangleright page 111).

Suitability of the seats for attaching belt-secured child restraint systems

If you use a baby car seat of category 0 or 0+ or a rearward-facing child restraint system of category I on a rear seat, you must adjust the driver's or front-passenger seat so that the seat does not touch the child restraint system.

If you use a category I, forward-facing child restraint system, you should remove the head restraint from the respective seat, if possible (\triangleright page 109). The backrest of the child restraint system must, as far as possible, lie flat against the backrest of the seat.

Make sure that the child's feet are not touching the front seat. If necessary, move the front seat forward slightly (\triangleright page 109).

For certain child restraint systems in weight categories II or III, this can mean that the area of use is restricted. The maximum size setting of the child restraint system is not possible due to possible contact with the roof.

Always observe the notes in the "Child restraint system" section (\triangleright page 59) and the child restraint system manufacturer's installation instructions.

When you remove the child restraint system you must replace the head restraints again immediately (\triangleright page 109). All vehicle occupants must adjust their head restraints correctly before beginning the journey.

Legend for the table:

- X Seat which is unsuitable for children in this weight category.
- U Suitable for child restraint systems in the "Universal" category that are approved for use in this weight category.
- UF Suitable for forward-facing child restraint systems that belong to the "Universal" category and are approved for use in this weight category.
- L Suitable for child restraint systems as recommended; see the following table of "Recommended child restraint systems" (> page 67).

Weight category		Front-passenger front airbag enabled	The front-passenger front airbag is disa- bled
0	up to 10 kg	Х	U ¹ , L ¹
0+	up to 13 kg	Х	U ¹ , L ¹
I	9 kg to 18 kg	UF	U, L
II	15 kg to 25 kg	UF	U, L
III	22 kg to 36 kg	UF	U, L

Front-passenger seat

Rear seats

Weight category		Left, right	Centre
0	up to 10 kg	U	U ²
0+	up to 13 kg	U	U ²
I	9 kg to 18 kg	U	U ²

¹ The vehicle is equipped with an automatic front-passenger front airbag deactivation system. The PASSENGER AIR BAG OFF indicator lamp must be lit.

² Child restraint systems with a supporting bracket are not suitable for this seat.

Weight category		Left, right	Centre
Ш	15 kg to 25 kg	U	U
Ш	22 kg to 36 kg	U	U

Suitability of the seats for attaching ISOFIX child restraint systems

If you use a baby car seat of category 0 or 0+ or a rearward-facing child restraint system of category I on a rear seat, you must adjust the driver's or front-passenger seat so that the seat does not touch the child restraint system.

If you use a category I, forward-facing child restraint system, you should remove the head restraint from the respective seat, if possible (\triangleright page 109). The backrest of the child restraint system must, as far as possible, lie flat against the backrest of the seat.

Always observe the notes in the "Child restraint system" section (\triangleright page 59) and the child restraint system manufacturer's installation instructions.

When you remove the child restraint system you must replace the head restraints again immediately (\triangleright page 109). All vehicle occupants must adjust their head restraints correctly before beginning the journey.

Make sure that the child's feet are not touching the front seat. If necessary, move the front seat forward slightly (\triangleright page 109).

For certain child restraint systems in weight categories II or III, this can mean that the area of use is restricted. The maximum size setting of the child restraint system is not possible due to possible contact with the roof.

Legend for the table:

- X ISOFIX position that is not suitable for ISOFIX child restraint systems in this weight category and/or size category.
- IUF Suitable for forward-facing ISOFIX child seat securing systems that belong to the "Universal" category which are approved for use in this weight category.
- IL Suitable for ISOFIX child restraint systems as recommended; see the "Recommended child restraint systems" table (\triangleright page 67).

The manufacturer will also recommend a suitable ISOFIX child restraint system. For this, your vehicle and the seat must be listed in the child restraint system manufacturer's model list. For more information, contact the child restraint system manufacturer or visit their website.

Weight category		Size category	Equipment	Rear seat left, right
Carry-	cot	F	ISO/L1	Х
		G	ISO/L2	Х
0	up to 10 kg up to approximately 6 months	E	ISO/R1	IL
0+	up to 13 kg	E	ISO/R1	IL
up to approximately 15 mo	up to approximately 15 months	D	ISO/R2	IL
		С	ISO/R3	IL ³

³ If you are using a child restraint system of size category C (ISO/R3), move the front seat to the highest position and move the backrest to an upright position. Make sure that the front seat backrest does not rest against the child restraint system.

Safety

Weigh	nt category	Size category	Equipment	Rear seat left, right
I	9 kg to 18 kg	D	ISO/R2	IL
	between approximately 9 months and 4 years	С	ISO/R3	IL ³
		В	ISO/F2	IUF
		B1	ISO/F2X	IUF
		А	ISO/F3	IUF

The child restraint system must not touch the roof or be put under strain by the head restraints. Adjust the angle of the seat backrest and the head restraint position accordingly. Also observe the child restraint system manufacturer's installation instructions.

Recommended child restraint systems

General notes

Always observe the information in "Child restraint systems on the front-passenger seat" (\triangleright page 62) and in "Suitable positioning of the child restraint system" (\triangleright page 63).

You can obtain further information about the correct child restraint system from any Mercedes-Benz Service Centre.

Recommended child restraint systems for attaching with the vehicle seat belt

Weight categories	Manufac- turer	Туре	Approval num- ber (E1)	Order number (A 000) ⁴
Category 0: up to 10 kg	Britax Römer	BABY SAFE plus	03 301146 04 301146	970 10 00
up to approximately 6 months		BABY SAFE plus II	04 301146	970 20 00 970 36 00
Category 0+: up to 13 kg	Britax Römer	BABY SAFE plus	03 301146 04 301146	970 10 00
up to approximately 15 months		BABY SAFE plus II	04 301146	970 20 00 970 36 00

- ³ If you are using a child restraint system of size category C (ISO/R3), move the front seat to the highest position and move the backrest to an upright position. Make sure that the front seat backrest does not rest against the child restraint system.
- ⁴ Colour code 9H95.

Weight categories	Manufac- turer	Туре	Approval num- ber (E1)	Order number (A 000) ⁴
Category I: 9 kg to 18 kg between approx- imately 9 months and 4 years	Britax Römer	DUO plus	03 301133 04 301133	970 11 00 970 16 00 970 21 00 970 37 00
Category II/III: 15 kg to 36 kg between approx- imately 4 years and 12 years	Britax Römer	KIDFIX⁵	04 301198	970 18 00 970 19 00 970 22 00 970 38 00

Recommended "Universal"/"Semi-Universal" category ISOFIX child restraint systems

Weight cat- egories	Size cate- gory	Manufac- turer	Туре	Approval number (E1)	Order number ⁴
Category 0+: up to 13 kg	E	Britax Römer	BABY SAFE plus	03 301146 04 301146	B6 6 86 8224
Category I: 9 kg to 18 kg	B1	Britax Römer	DUO plus	03 301133 04 301133	A 000 970 11 00 A 000 970 16 00 A 000 970 21 00 A 000 970 37 00

Child-proof locks

Important safety notes

▲ WARNING

If children are travelling in the vehicle, they could:

- open doors, thus endangering other people or road users
- exit the vehicle and be caught by oncoming traffic
- operate vehicle equipment and become trapped, for example

There is a risk of an accident and injury.

Always activate the child-proof locks and override feature if children are travelling in the vehicle. When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle.

Override feature for:

- the rear doors (▷ page 69)
- the rear side windows (▷ page 69)
 Observe the important safety notes on the double-lock function (▷ page 84).

⁵ Before fitting the KIDFIX child restraint system in the vehicle, always observe the child restraint system manufacturer's installation instructions. These will also include notes on fixing options.

⁴ Colour code 9H95.

▲ WARNING

If you leave children unattended in the vehicle, they may be able to set the vehicle in motion if, for example, they:

- release the parking brake
- \bullet shift the automatic transmission out of park position ${\bf P}$
- start the engine

In addition, they may operate vehicle equipment and become trapped. There is a risk of an accident and injury.

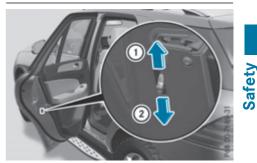
When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle.

If persons (particularly children) are exposed to heat or cold for a prolonged period, there is a risk of serious or even fatal injuries. Never leave persons (particularly children) unattended in the vehicle.

If the child restraint system is placed in direct sunlight, the parts could become very hot. Children could be suffer burns by touching these parts, in particular on the metallic parts of the child restraint system. There is a risk of injury.

If you and your child leave the vehicle, always make sure that the child restraint system is not in direct sunlight. Cover it with a blanket, for example. If the child restraint system has been exposed to direct sunlight, leave it to cool down before securing the child in it. Never leave children unattended in the vehicle.

Child-proof locks for the rear doors



You secure each door individually with the childproof locks on the rear doors. A door secured with a child-proof lock cannot be opened from inside the vehicle. When the vehicle is unlocked, the door can be opened from the outside.

- ► **To activate:** press the child-proof lock lever up in the direction of arrow ①.
- Make sure that the child-proof locks are working properly.
- ► **To deactivate:** press the child-proof lock lever down in the direction of arrow ②.

Override feature for the rear side windows



► To activate/deactivate: press button ①. If indicator lamp ② is lit, operation of the rear side windows is disabled. Operation is only possible using the switches in the driver's door. If indicator lamp ③ is off, operation is possible using the switches in the rear compartment.

Pets in the vehicle

MARNING

If you leave animals unsupervised or unsecured in the vehicle, they may push a button or a switch, for example.

They could:

- activate vehicle equipment and become trapped, for example
- switch vehicle systems on or off, thus endangering other road users

In the event of an accident, sudden braking or abrupt changes of direction, unsecured animals could be flung around the vehicle, injuring the vehicle occupants. There is a risk of an accident and injury.

Never leave animals unattended in the vehicle. Always secure animals correctly during a journey, e.g. in an animal transport box.

Driving safety systems

Driving safety systems overview

In this section, you will find information about the following driving safety systems:

- ABS (Anti-lock Braking System) (▷ page 70)
- BAS (Brake Assist System) (▷ page 71)
- BAS PLUS with Cross-Traffic Assist (Brake Assist System PLUS with Cross-Traffic Assist) (▷ page 71)
- COLLISION PREVENTION ASSIST PLUS (▷ page 73)
- Adaptive brake lights (> page 75)
- ESP[®] (Electronic Stability Program) (▷ page 76)
- EBD (electronic brake force distribution) (▷ page 78)
- ADAPTIVE BRAKE (▷ page 78)
- PRE-SAFE[®] Brake (▷ page 78)
- STEER CONTROL (▷ page 80)

Important safety notes

If you fail to adapt your driving style or if you are inattentive, the driving safety systems can neither reduce the risk of an accident nor override the laws of physics. Driving safety systems are merely aids designed to assist driving. You are responsible for maintaining the distance to the vehicle in front, for vehicle speed, for braking in good time, and for staying in lane. Always adapt your driving style to suit the prevailing road and weather conditions and maintain a safe distance from the vehicle in front. Drive carefully.

The driving safety systems described only work as effectively as possible when there is adequate contact between the tyres and the road surface. Pay particular attention to the information regarding tyres, recommended minimum tyre tread depths etc. in the "Wheels and tyres" section (▷ page 405).

In wintry driving conditions, always use winter tyres (M+S tyres) and, if necessary, snow chains. Only in this way will the driving safety systems described in this section work as effectively as possible.

ABS (Anti-lock Braking System)

General notes

ABS regulates brake pressure in such a way that the wheels do not lock when you brake. This allows you to continue steering the vehicle when braking.

The (G) ABS warning lamp in the instrument cluster lights up when the ignition is switched on. It goes out when the engine is running.

ABS works from a speed of about 8 km/h, regardless of road-surface conditions. ABS works on slippery surfaces, even when you only brake gently.

Important safety notes

 Observe the "Important safety notes" section (▷ page 70).

🕂 WARNING

If ABS is faulty, the wheels could lock when braking. The steerability and braking characteristics may be severely impaired. Additionally, further driving safety systems are deactivated. There is an increased danger of skidding and accidents.

Drive on carefully. Have ABS checked immediately at a qualified specialist workshop.

If ABS is malfunctioning, other systems, including driving safety systems, will also become inoperative. Observe the information on the ABS warning lamp (\triangleright page 341) and display messages which may be shown in the instrument cluster (\triangleright page 301).

Braking

- ► If ABS intervenes: continue to depress the brake pedal with force until the braking situation is over.
- ► To make a full brake application: depress the brake pedal with full force.

If ABS intervenes when braking, you will feel a pulsing in the brake pedal.

The pulsating brake pedal can be an indication of hazardous road conditions; this serves as a reminder to take extra care while driving.

Off-road ABS

An ABS system specifically suited to off-road terrain is activated automatically once an off-road program is activated:

- Vehicles without the Off-Road Engineering package (▷ page 254)
- Vehicles with the Off-Road Engineering package (▷ page 254)

At speeds below 30 km/h the front wheels lock cyclically during braking. The digging-in effect achieved in the process reduces the stopping distance when driving off-road. This limits steering capability.

BAS (Brake Assist)

General notes

BAS operates in emergency braking situations. If you depress the brake pedal quickly, BAS automatically boosts the braking force, thus shortening the stopping distance.

Important safety notes

 Observe the "Important safety notes" section (▷ page 70).

If BAS is malfunctioning, the braking distance in an emergency braking situation is increased. There is a risk of accident.

In an emergency braking situation, depress the brake pedal with full force. ABS prevents the wheels from locking.

Braking

Keep the brake pedal depressed firmly until the emergency braking situation is over. ABS prevents the wheels from locking.

The brakes will function as usual once you release the brake pedal. BAS is deactivated.

BAS PLUS (Brake Assist System PLUS) with Cross-Traffic Assist

General notes

BAS PLUS can help you to minimise the risk of a collision with a vehicle or a pedestrian and reduce the effects of such a collision. If BAS PLUS detects a danger of collision, you are assisted when braking.

 Pay attention to the important safety notes in the "Driving safety systems" section (▷ page 70).

BAS PLUS is only available on vehicles with the Driving Assistance package.

For BAS PLUS to assist you when driving, the radar sensor system and the camera system must be operational.

With the help of a sensor system and a camera system, BAS PLUS can detect obstacles:

- that are in the path of your vehicle for an extended period of time
- that cross the path of your vehicle

In addition, pedestrians in the path of your vehicle can be detected.

BAS PLUS detects pedestrians using typical characteristics such as the body contours and posture of a person standing upright.

If the radar sensor system or the camera system is malfunctioning, BAS PLUS functions are restricted or no longer available. The brake system is still available with complete brake boosting effect and BAS.

(1) Observe the restrictions described in the "Important safety notes" section (⊳ page 72).

Important safety notes

WARNING

BAS PLUS cannot always clearly identify objects and complex traffic situations.

In such cases, BAS PLUS may:

- intervene unnecessarily
- not intervene

There is a risk of an accident.

Always pay careful attention to the traffic situation and be ready to brake. Terminate the intervention in a non-critical driving situation.

WARNING

BAS PLUS cannot always clearly identify people, this is especially the case if they are moving. BAS PLUS cannot intervene in these cases. There is a risk of an accident.

Always pay careful attention to the traffic situation and be ready to brake.

WARNING

BAS PLUS does not react:

- to small people, e.g. children
- to animals
- to oncoming vehicles
- when cornering

As a result. BAS PLUS may not intervene in all critical situations. There is a risk of an accident.

Always pay careful attention to the traffic situation and be ready to brake.

In the event of snowfall or heavy rain, detection can be impaired.

Detection by the radar sensor system is also impaired in the event of:

- dirt on the sensors or obscured sensors.
- interference by other radar sources
- strong radar reflections, for example, in multistorey car parks
- a narrow vehicle travelling in front, e.g. a motorcycle
- a vehicle travelling in front on a different line
- vehicles quickly moving into the radar sensor system detection range

Detection by the camera system is also impaired in the event of:

- dirt on the camera or if the camera is covered
- glare on the camera system, e.g. from the sun being low in the sky
- darkness
- if:
 - pedestrians move quickly, e.g. into the path of the vehicle
 - the camera system no longer detects a pedestrian as a person due to special clothing or other objects
 - a pedestrian is concealed by other objects
 - the typical outline of a person is not distinguishable from the background

Following damage to the front end of the vehicle, have the radar sensor settings and operation checked at a qualified specialist workshop. This also applies to collisions at slow speeds where there is no visible damage to the front of the vehicle.

Following damage to the windscreen, have the configuration and operation of the camera system checked at a qualified specialist workshop.

Function

To avoid a collision, BAS PLUS calculates the brake force necessary if:

- you approach an obstacle and
- BAS PLUS has detected a risk of a collision

When driving at a speed under 30 km/h: if you depress the brake pedal, BAS PLUS is activated. Braking assistance from BAS PLUS is carried out at the last possible moment.

When driving at a speed above 30 km/h: if you depress the brake pedal sharply, BAS PLUS automatically increases the brake pressure to a degree suited to the traffic situation.

BAS PLUS provides braking assistance in hazardous situations with vehicles in front within a speed range between 7 km/h and 250 km/h. At speeds of up to approximately 70 km/h, BAS PLUS can react to:

- stationary objects in the path of your vehicle, e.g. stopped or parked vehicles
- pedestrians in the path of your vehicle
- obstacles crossing your path, which move in the detection range of the sensors and are recognised by them
- If BAS PLUS demands particularly high braking force, preventative passenger protection measures (PRE-SAFE[®]) are activated simultaneously (▷ page 57).
- Keep the brake pedal depressed until the emergency braking situation is over.
 ABS prevents the wheels from locking.

BAS PLUS is deactivated and the brakes function as usual again if:

- you release the brake pedal
- there is no longer a risk of collision
- no obstacle is detected in front of your vehicle
- you depress the accelerator pedal
- you activate kickdown

COLLISION PREVENTION ASSIST PLUS

General notes

Observe the "Important safety notes" section (▷ page 70).

COLLISION PREVENTION ASSIST PLUS consists of a distance warning function with an autonomous braking function and Adaptive Brake Assist.

COLLISION PREVENTION ASSIST PLUS can help you to minimise the risk of a collision with the vehicle in front or reduce the effects of such a collision.

If COLLISION PREVENTION ASSIST PLUS detects that there is a risk of a collision, you will be warned visually and acoustically. If you do not react to the visual and audible collision warning, autonomous braking can be initiated in critical situations. If you apply the brake yourself in a critical situation, the COLLISION PREVENTION ASSIST PLUS Adaptive Brake Assist assists you.

Important safety notes

In particular, the detection of obstacles can be impaired in the case of:

- dirt on the sensors or obscured sensors
- snow or heavy rain
- interference by other radar sources
- strong radar reflections, for example, in multistorey car parks
- a narrow vehicle travelling in front, e.g. a motorcycle
- a vehicle travelling in front on a different line
- new vehicles or after a service on the COLLI-SION PREVENTION ASSIST PLUS system
 Please observe the information in the section on running-in the vehicle (▷ page 157).

Following damage to the front end of the vehicle, have the configuration and operation of the radar sensor checked at a qualified specialist workshop. This also applies to collisions at slow speeds where there is no visible damage to the front of the vehicle.

Activating/deactivating

The COLLISION PREVENTION ASSIST PLUS is automatically active after switching on the ignition.

You can activate or deactivate COLLISION PRE-VENTION ASSIST PLUS in the on-board computer (▷ page 291). When deactivated, the distance warning function and the autonomous braking function are also deactivated.

If COLLISION PREVENTION ASSIST PLUS is deactivated, the 정말 symbol appears in the assistance graphics display.

Distance warning function

General notes

The distance warning function can help you to minimise the risk of a collision with the vehicle in front or reduce the effects of such a collision. If the distance warning function detects that there is a risk of a collision, you will be warned visually and acoustically.

Important safety notes

 Observe the "Important safety notes" section for driving safety systems (▷ page 70).

≜ WARNING

The distance warning function does not react:

- to people or animals
- to oncoming vehicles
- to crossing traffic
- when cornering

Thus, the distance warning function cannot provide a warning in all critical situations. There is a risk of an accident.

Always pay careful attention to the traffic situation and be ready to brake.

▲ WARNING

The distance warning function cannot always clearly identify objects and complex traffic situations.

In such cases, the distance warning function may:

- give an unnecessary warning
- not give a warning

There is a risk of an accident.

Always pay careful attention to the traffic situation; do not rely on the distance warning function alone.

Function

The distance warning function issues a warning at speeds:

- of approximately 30 km/h or more, if, over several seconds, the distance maintained to the vehicle travelling in front is insufficient. The A distance warning lamp then lights up in the instrument cluster.
- of approximately 7 km/h or more, if you rapidly approach a vehicle in front. An intermittent warning tone will then sound and the A distance warning lamp will light up in the instrument cluster.
- Brake immediately in order to increase the distance from the vehicle in front.

or

 Take evasive action provided it is safe to do so.

Due to the nature of the system, particularly complicated but non-critical driving conditions may also cause the system to display a warning. With the help of the radar sensor system, the distance warning function can detect obstacles that are in the path of your vehicle for an extended period of time.

Up to a speed of approximately 70 km/h, the distance warning function can also react to stationary obstacles, such as stopped or parked vehicles.

Autonomous braking function

If the driver does not react to the distance warning signal in a critical situation, COLLISION PRE-VENTION ASSIST PLUS can assist with the autonomous braking function.

The autonomous braking function:

- gives the driver more time to react to critical driving situations
- can help the driver to avoid an accident or
- reduces the effects of an accident

Vehicles without DISTRONIC PLUS: the autonomous braking function is available in the following speed ranges:

- 7 105 km/h for moving objects
- 7 50 km/h for stationary objects

Vehicles with DISTRONIC PLUS: the autonomous braking function is available in the following speed ranges:

- 7 200 km/h for moving objects
- 7 50 km/h for stationary objects

Due to the nature of the system, complicated but non-critical driving situations may also cause the autonomous braking function to intervene.

If the autonomous braking function demands particularly high braking force, preventative passenger protection measures (PRE-SAFE[®]) are activated simultaneously (> page 57).

Adaptive Brake Assist

General notes

 Observe the "Important safety notes" section (▷ page 70).

With the help of Adaptive Brake Assist, the distance warning signal can detect obstacles that are in the path of your vehicle for an extended period of time.

If Adaptive Brake Assist detects a risk of a collision with the vehicle in front, it calculates the braking force necessary to avoid a collision. If you apply the brakes forcefully, Adaptive Brake Assist will automatically increase the braking force to a level suitable for the traffic conditions.

Adaptive Brake Assist provides braking assistance in hazardous situations at speeds above 7 km/h. It uses radar sensor technology to assess the traffic situation.

Up to a speed of approximately 250 km/h, Adaptive Brake Assist is capable of reacting to moving objects that have already been detected as such at least once over the period of observation.

Up to a speed of approximately 70 km/h, Adaptive Brake Assist reacts to stationary obstacles.

If Adaptive Brake Assist demands particularly high braking force, preventative passenger protection measures (PRE-SAFE[®]) are activated simultaneously (\triangleright page 57).

Keep the brake pedal depressed until the emergency braking situation is over. ABS prevents the wheels from locking.

The brakes will work normally again if:

- you release the brake pedal
- there is no longer any danger of a collision

• no obstacle is detected in front of your vehicle

Adaptive Brake Assist is then deactivated.

Important safety notes

 Observe the "Important safety notes" section for driving safety systems (▷ page 70).

MARNING

Adaptive Brake Assist cannot always clearly identify objects and complex traffic situations.

In such cases, Adaptive Brake Assist can:

- intervene unnecessarily
- not intervene

There is a risk of an accident.

Always pay careful attention to the traffic situation and be ready to brake. Terminate the intervention in a non-critical driving situation.

≜ WARNING

Adaptive Brake Assist does not react:

- to people or animals
- to oncoming vehicles
- to crossing traffic
- when cornering

As a result, the Adaptive Brake Assist may not intervene in all critical conditions. There is a risk of an accident.

Always pay careful attention to the traffic situation and be ready to brake.

Due to the nature of the system, complicated but non-critical driving situations may also cause Adaptive Brake Assist to intervene.

If Adaptive Brake Assist is not available due to a malfunction in the radar sensor system, the brake system remains available with full brake boosting effect and BAS.

Adaptive brake lights

The adaptive brake lights warn following traffic in an emergency braking situation:

- by flashing brake lamps
- the hazard warning lamps are activated

If you brake sharply from a speed of more than 50 km/h or if braking is assisted by BAS or BAS PLUS, the brake lamps flash rapidly. In this way, traffic travelling behind you is warned in an even more noticeable manner.

If you brake sharply from a speed of more than 70 km/h to a standstill, the hazard warning lamps are activated automatically. If the brakes are applied again, the brake lamps light up continuously. The hazard warning lamps switch off automatically if you travel faster than 10 km/h. You can also switch off the hazard warning lamps using the hazard warning button (> page 124).

ESP[®] (Electronic Stability Program)

General notes

Observe the "Important safety notes" section (▷ page 70).

 ESP^\circledast monitors driving stability and traction, i.e. power transmission between the tyres and the road surface.

If ESP[®] detects that the vehicle is deviating from the direction desired by the driver, one or more wheels are braked to stabilise the vehicle. The engine output is also modified to keep the vehicle on the desired course within physical limits. ESP[®] assists the driver when pulling away on wet or slippery roads. ESP[®] can also stabilise the vehicle during braking.

ETS/4ETS (Electronic Traction System)

ETS traction control is part of $ESP^{\textcircled{B}}$. On vehicles with 4MATIC, 4ETS is a component of $ESP^{\textcircled{B}}$.

Traction control brakes the drive wheels individually if they spin. This enables you to pull away and accelerate on slippery surfaces, for example if the road surface is slippery on one side. In addition, more drive torque is transferred to the wheel or wheels with traction.

Traction control remains active if you deactivate $\mathsf{ESP}^\circledast.$

In appropriate driving situations, activate the off-road programs:

- ► Vehicles without the Off-Road Engineering package (▷ page 254)
- ► Vehicles with the Off-Road Engineering package (▷ page 254)

Off-road 4ETS (Electronic Traction System)

An ETS system specifically suited to off-road terrain is activated automatically once an off-road program is activated:

- Vehicles without the Off-Road Engineering package (▷ page 254)
- Vehicles with the Off-Road Engineering package (▷ page 254)

Important safety notes

MARNING

If ESP[®] is malfunctioning, ESP[®] is unable to stabilise the vehicle. In addition, other driving safety systems are switched off. This increases the risk of skidding and an accident.

Drive on carefully. Have ESP[®] checked at a qualified specialist workshop.

Only operate the vehicle for a maximum of ten seconds on a brake dynamometer. Switch off the ignition.

Application of the brakes by $\mathsf{ESP}^{\texttt{B}}$ may otherwise destroy the brake system.

A function or performance test should only be carried out on a twin-axle dynamometer. Before you operate the vehicle on such a dynamometer, please consult a qualified workshop. You could otherwise damage the drive train or the brake system.

When ESP[®] is deactivated, the seprecedent of the seprecedent of the second se

If the 📻 warning lamp and the 🚠 warning lamp are lit continuously, ESP[®] is not available due to a malfunction.

Observe the information on warning lamps (> page 343) and display messages which may be shown in the instrument cluster (> page 301).

 Only use wheels with the recommended tyre sizes. Only then will ESP[®] function properly.

Characteristics of ESP®

General notes

If the 📻 ESP warning lamp goes out before beginning the journey, ESP[®] is automatically active.

If ESP[®] intervenes, the ESP[®] warning lamp flashes in the instrument cluster.

If ESP[®] intervenes:

- Do not deactivate ESP[®] under any circumstances.
- ▶ When pulling away, only depress the accelerator pedal as far as is necessary.
- Adapt your driving style to suit the prevailing road and weather conditions.

ECO start/stop function

The ECO start/stop function switches the engine off automatically if the vehicle stops moving. When pulling away again, the engine starts automatically. ESP[®] remains in its previously selected status. **Example:** if ESP[®] was deactivated before the engine was switched off,

 $\mathsf{ESP}^{\textcircled{B}}$ remains deactivated when the engine is switched on again.

Deactivating/activating ESP®

Important safety notes

Observe the "Important safety notes" section (▷ page 70).

You can select between the following statuses of $\mathsf{ESP}^{\texttt{®}}$:

- ESP[®] is activated
- ESP[®] is deactivated

▲ WARNING

If you deactivate ESP[®], ESP[®] no longer stabilises the vehicle. There is an increased risk of skidding and an accident.

Only deactivate ESP[®] in the situations described in the following.

It may be best to deactivate $\mathsf{ESP}^{\circledast}$ in the following situations:

- when using snow chains
- in deep snow
- on sand or gravel
- Activate ESP[®] as soon as the situations described above no longer apply. ESP[®] will otherwise not be able to stabilise the vehicle if the vehicle starts to skid or a wheel starts to spin.

Deactivating/activating ESP®



► To deactivate: press button ①. The S_F ESP[®] OFF warning lamp in the instrument cluster lights up. ► To activate: press button ①. The Stress Defension of the instrument cluster goes out.

Characteristics when ESP® is deactivated

If ESP[®] is deactivated and one or more wheels start to spin, the 😰 ESP[®] warning lamp in the instrument cluster flashes. In such situations, ESP[®] will not stabilise the vehicle.

If you deactivate ESP®:

- ESP[®] no longer improves driving stability
- Engine torque is no longer limited and the drive wheels are able to spin
 The spinning of the wheels results in a cutting action for better traction on loose surfaces.
- Traction control is still activated
- COLLISION PREVENTION ASSIST is no longer available; nor is it activated if you brake firmly with assistance from ESP[®]
- PRE-SAFE[®] is no longer available; it is also not activated if you brake firmly with assistance from ESP[®]
- PRE-SAFE[®] Brake is no longer available; it is also not activated if you brake firmly with assistance from ESP[®]
- $\bullet \mbox{ ESP}^{\circledast}$ still provides support when you brake firmly

Off-road ESP[®] (vehicles with Off-Road Engineering package)

An ESP[®] system specifically suited to off-road terrain is activated automatically once an off-road program is activated.

- Vehicles without the Off-Road Engineering package (▷ page 254)
- Vehicles with the Off-Road Engineering package (▷ page 254)

Off-road ESP^\circledast intervenes with a delay if there is oversteering or understeering, thus improving traction.

ESP[®] trailer stabilisation

General notes

ESP[®] trailer stabilisation is not available in Mercedes-AMG vehicles.

If your vehicle/trailer combination begins to lurch, ESP^{\circledast} assists you in this situation. ESP^{\circledast}

slows the vehicle down by braking and limiting the engine output until the vehicle/trailer combination has stabilised.

Important safety notes

If road and weather conditions are poor, trailer stabilisation will not be able to prevent the vehicle/trailer combination from swerving. Trailers with a high centre of gravity can tip over before ESP® can detect this. There is a risk of an accident.

Always adapt your driving style to the prevailing road and weather conditions.

If your vehicle/trailer combination begins to lurch, you can only stabilise the vehicle/trailer combination by depressing the brake firmly.

Trailer stabilisation is active above speeds of about 60 km/h.

 ESP^\circledast trailer stabilisation does not work if ESP^\circledast is deactivated or disabled because of a malfunction.

Crosswind Assist

General notes

Strong crosswind gusts can impair the roadholding of your vehicle when driving straight ahead. The crosswind driving assistance function integrated in ESP[®] noticeably reduces these impairments.

Depending on the direction and intensity of the side wind, $\text{ESP}^{(\!\!8\!)}$ is activated automatically.

ESP[®] intervenes with stabilising braking to assist you in keeping the vehicle in the lane.

Crosswind Assist is active at vehicle speeds above 80 km/h when driving straight ahead or cornering gently.

Important safety notes

Crosswind Assist does not work if $\text{ESP}^{\texttt{R}}$ is deactivated or disabled because of a malfunction.

EBD (electronic brake force distribution)

General notes

EBD monitors and controls the brake pressure on the rear wheels to improve driving stability while braking.

Important safety notes

 Observe the "Important safety notes" section for driving safety systems (▷ page 70).

MARNING

If EBD is malfunctioning, the rear wheels can lock, e.g. under full braking. This increases the risk of skidding and an accident.

You should therefore adapt your driving style to the different handling characteristics. Have the brake system checked at a qualified specialist workshop.

Observe information regarding indicator and warning lamps (\triangleright page 341) as well as display messages (\triangleright page 303).

ADAPTIVE BRAKE

ADAPTIVE BRAKE enhances braking safety and offers increased braking comfort. In addition to the braking function, ADAPTIVE BRAKE also has the HOLD function (\triangleright page 219) and hill start assist (\triangleright page 161).

PRE-SAFE[®] Brake

General notes

PRE-SAFE[®] Brake can help you to minimise the risk of a collision with a vehicle ahead or a pedestrian, and reduce the effects of such a collision. If PRE-SAFE[®] Brake has detected a risk of a collision, you will be warned visually and acoustically as well as by automatic braking.

 Pay attention to the important safety notes in the "Driving safety systems" section (▷ page 70).

PRE-SAFE[®] Brake is only available in vehicles with the Driving Assistance Plus package.

For PRE-SAFE[®] Brake to assist you when driving, the radar sensor system and the camera system must be switched on and operational.

With the help of the radar sensor system and the camera system, PRE-SAFE[®] Brake can detect obstacles that are in front of your vehicle for an extended period of time.

In addition, pedestrians in the path of your vehicle can be detected.

PRE-SAFE[®] Brake detects pedestrians using typical characteristics such as the body contours and posture of a person standing upright.

 Observe the restrictions described in the "Important safety notes" section (> page 79).

Important safety notes

PRE-SAFE[®] Brake will initially brake your vehicle by a partial application of the brakes if a danger of collision is detected. There may be a collision unless you brake yourself. Even after subsequent full application of the brakes a collision cannot always be avoided, particularly when approaching at too high a speed. There is a risk of an accident.

Always apply the brakes yourself and try to take evasive action, provided it is safe to do so.

In the event of a partial application of the brakes, the vehicle is braked with up to 50% of the full braking pressure.

PRE-SAFE[®] Brake cannot always clearly identify objects and complex traffic conditions.

In these cases, PRE-SAFE[®] Brake may:

- give an unnecessary warning and then brake the vehicle
- neither give a warning nor intervene

There is a risk of an accident.

Always pay particular attention to the traffic situation and be ready to brake, especially if PRE-SAFE[®] Brake warns you. Terminate the intervention in a non-critical driving situation.

MARNING

PRE-SAFE[®] Brake cannot always clearly identify people, especially if they are moving. In these cases, PRE-SAFE[®] Brake cannot intervene. There is a risk of an accident.

Always pay particular attention to the traffic situation and be ready to brake, especially if PRE-SAFE[®] Brake warns you.

In order to maintain the appropriate distance to the vehicle in front and thus prevent a collision, you must apply the brakes yourself.

MARNING

PRE-SAFE[®] Brake does not react:

- to small people, e.g. children
- to animals
- to oncoming vehicles
- to crossing traffic
- when cornering

As a result, PRE-SAFE[®] Brake may neither give warnings nor intervene in all critical situations. There is a risk of an accident.

Always pay careful attention to the traffic situation and be ready to brake.

In the event of snowfall or heavy rain, detection can be impaired.

Detection by the radar sensor system is also impaired in the event of:

- dirt on the sensors or obscured sensors
- interference by other radar sources
- strong radar reflections, for example, in multistorey car parks
- a narrow vehicle travelling in front, e.g. a motorcycle

• a vehicle travelling in front on a different line Detection by the camera system is also impaired in the event of:

- dirt on the camera or if the camera is covered
- glare on the camera system, e.g. from the sun being low in the sky

- darkness
- if:
 - pedestrians move quickly, e.g. into the path of the vehicle
- the camera system no longer detects a pedestrian as a person due to special clothing or other objects
- a pedestrian is concealed by other objects
- the typical outline of a person is not distinguishable from the background

Following damage to the front end of the vehicle, have the radar sensor settings and operation checked at a qualified specialist workshop. This also applies to collisions at slow speeds where there is no visible damage to the front of the vehicle.

Following damage to the windscreen, have the configuration and operation of the camera system checked at a qualified specialist workshop.

Function

► To activate/deactivate: activate or deactivate PRE-SAFE[®] Brake in the on-board computer (▷ page 290).

If the PRE-SAFE[®] Brake is not activated, the Symbol appears in the multifunction display.

If you have activated DSR (\vartriangleright page 252), PRE-SAFE $^{\circledast}$ Brake is also deactivated.

This function will issue a warning if:

 at a speed of approximately 30 km/h or higher, the distance maintained to the vehicle travelling in front is insufficient for several seconds.

The <u>A</u> distance warning lamp then lights up in the instrument cluster.

 at a speed of around 7 km/h or more, you rapidly approach a vehicle in front or a pedestrian

An intermittent warning tone will then sound and the A distance warning lamp lights up in the instrument cluster.

▶ Brake immediately to defuse the situation.

```
or
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 Take evasive action provided it is safe to do so. The PRE-SAFE[®] Brake function can also brake the vehicle automatically under the following conditions:

- the driver and front passenger have their seat belts fastened and
- \bullet the vehicle speed is between approximately 7 km/h and 200 km/h

At a speed of up to approximately 70 km/h, PRE-SAFE[®] Brake can also detect:

- stationary objects in the path of your vehicle, e.g. stopped or parked vehicles
- pedestrians in the path of your vehicle
- If there is an increased risk of a collision, preventive passenger protection measures (PRE-SAFE[®]) are triggered (▷ page 57).

If the risk of a collision with the vehicle in front remains and you do not brake, take evasive action or accelerate significantly, the vehicle may perform automatic emergency braking, up to the point of full brake application. Automatic emergency braking is not performed until immediately prior to an imminent accident.

You can prevent the intervention of $\mathsf{PRE}\text{-}\mathsf{SAFE}^{\circledast}$ Brake at any time by:

- depressing the accelerator pedal further
- activating kickdown
- releasing the brake pedal

The braking action of $\ensuremath{\mathsf{PRE}}\xspace{-}\ensuremath{\mathsf{SAFE}}\xspace^{\ensuremath{\mathbb{B}}\xspace}$ Brake is ended automatically if:

- you manoeuvre to avoid the obstacle
- there is no longer any danger of a collision
- there is no longer an obstacle detected in front of your vehicle

STEER CONTROL

General notes

STEER CONTROL helps you by transmitting a noticeable steering force to the steering wheel in the direction required for vehicle stabilisation.

This steering support is provided in particular if:

- both right wheels or both left wheels are on a wet or slippery road surface when you brake
- the vehicle starts to skid

Important safety notes

Observe the "Important safety notes" section (▷ page 70).

No steering support is provided from STEER CONTROL, if:

- ESP[®] is deactivated
- ESP[®] is malfunctioning
- the steering is faulty

If ESP[®] is malfunctioning, you will be assisted further by the electrical power steering.

Protection against theft

Immobiliser

- ► To activate with the key: remove the key from the ignition lock.
- To activate with KEYLESS-GO: switch the ignition off and open the driver's door.
- ► To deactivate: switch on the ignition.

The immobiliser prevents your vehicle from being started without the correct key.

When leaving the vehicle, always take the key with you and lock the vehicle. Anyone can start the engine if a valid key has been left inside the vehicle.

The immobiliser is always deactivated when you start the engine.

ATA (Anti-Theft Alarm system)



► To prime: lock the vehicle with the key or KEYLESS-GO. Indicator lamp ① flashes. The alarm system is primed after approximately 15 seconds.

To switch off with the key: unlock the vehicle using the key.

or

- Insert the key into the ignition lock.
- To switch off with KEYLESS-GO: unlock the vehicle using KEYLESS-GO.

or

Press the Start/Stop button on the dashboard. The key must be inside the vehicle.

A visual and audible alarm is triggered if the alarm system is primed and you open:

- a door
- · the vehicle with the emergency key element
- the tailgate
- the bonnet
- To stop the alarm with the key: press the of or button on the key. The alarm stops.

or

- Insert the key into the ignition lock. The alarm stops.
- ► To stop the alarm using KEYLESS-GO: grasp the outside door handle. The key must be outside the vehicle. The alarm stops.

or

Press the Start/Stop button on the dashboard. The key must be inside the vehicle. The alarm stops.

The alarm does not switch off, even if you close the open door that has triggered it, for example.

- (1) If the alarm stays on for more than 30 seconds, the Mercedes-Benz emergency call system automatically sends a message to the Customer Assistance Centre. This is done by means of a text message or a data connection. The emergency call system sends a message or establishes a data connection provided that:
 - you have subscribed to the Mercedes-Benz emergency call system
 - the Mercedes-Benz emergency call system has been activated properly
 - the necessary mobile phone network is available

Tow-away protection

Function

An audible and visual alarm is triggered if your vehicle's angle of inclination is altered while tow-away protection is primed. This can occur if the vehicle is jacked up on one side, for example.

Priming

- Make sure that:
 - the doors are closed
 - · the tailgate is closed

Only then is tow-away protection primed.

 Lock the vehicle with the key or KEYLESS-GO. Tow-away protection is primed after approximately 60 seconds.

Switching off

 Unlock the vehicle with the key or KEYLESS-GO.

or

 Insert the key into the ignition lock. Tow-away protection is switched off automatically.

Deactivating



- Remove the key from the ignition lock.
- Press button ①.
 Indicator lamp ② lights up briefly.
- Lock the vehicle with the key or KEYLESS-GO. Tow-away protection is deactivated.

Tow-away protection remains deactivated until:

- the vehicle is unlocked again and
- a door is opened and closed again and
- the vehicle is locked again

To prevent a false alarm, deactivate tow-away protection if you lock your vehicle and it:

- · is being transported
- is being loaded onto a ferry or car transporter, for example
- is parked on a movable surface, e.g. in a splitlevel garage

Interior motion sensor

Function

When the interior motion sensor is primed, a visual and audible alarm is triggered if movement is detected in the vehicle interior. This can occur if someone reaches into the vehicle interior, for example.

Priming

- Make sure that:
 - the side windows are closed
 - the sliding sunroof/panorama sliding sunroof is closed
 - there are no objects, e.g. mascots, hanging on the rear-view mirror or on the grab handles on the roof trim

This will prevent false alarms.

- Make sure that:
 - the sliding sunroof/panorama sliding sunroof is closed
 - the doors are closed
 - the tailgate is closed

Only then is the interior motion sensor primed.

 Lock the vehicle with the key or KEYLESS-GO. The interior motion sensor is primed after approximately 30 seconds.

Switching off

 Unlock the vehicle with the key or KEYLESS-GO.

or

 Insert the key into the ignition lock. The interior motion sensor is automatically switched off.

Deactivating



- Remove the key from the ignition lock.
- Press button (1). Indicator lamp (2) flashes several times in rapid succession.
- ► Lock the vehicle with the key or KEYLESS-GO. The interior motion sensor is deactivated.

The interior motion sensor remains deactivated until:

- the vehicle is unlocked again and
- a door is opened and closed again and
- the vehicle is locked again

To prevent a false alarm, deactivate the interior motion sensor if you lock your vehicle and:

- people or animals remain in the vehicle
- the sliding sunroof/panorama sliding sunroof remains open
- the side windows remain open

(1) UK only: your vehicle is equipped with a double-lock function. The doors cannot be opened from the inside if the vehicle has been locked with the key or with KEYLESS-GO. Deactivate the interior motion sensor before you lock the vehicle. The doors can then be opened from the inside after the vehicle has been locked from the outside. Observe the "Important safety notes" (▷ page 90).

Useful information

This Owner's Manual describes all models, series and optional equipment for your vehicle that were available at the time of going to press. National variations are possible. Note that your vehicle may not be equipped with all of the functions described. This is also the case for systems and functions relevant to safety.

 Read the information on qualified specialist workshops: (▷ page 28).

Кеу

Important safety notes

United Kingdom only:

≜ WARNING

When the double locks are activated, the doors can no longer be opened from the inside. People in the vehicle can no longer get out, e.g. in hazardous situations. There is a risk of injury.

Therefore, do not leave any people unsupervised in the vehicle, particularly children, elderly people or people in need of special assistance. Do not activate the double lock when people are in the vehicle.

All countries:

▲ WARNING

If children are left unsupervised in the vehicle, they can:

- open doors and endanger other persons or road users
- climb out and be injured by the traffic
- operate vehicle equipment and, for example, trap themselves.

Children could also set the vehicle in motion, for example by:

- · releasing the parking brake
- shifting the automatic transmission out of park position P
- starting the engine.

There is a risk of an accident and injury. When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle. Always keep the key out of reach of children.

If you attach heavy or large objects to the key, the key could be unintentionally turned in the ignition lock. This could cause the engine to be switched off. There is a risk of an accident.

Do not attach any heavy or large objects to the key. Remove any bulky keyrings before inserting the key into the ignition lock.

Keep the key away from strong magnetic fields. Otherwise, the remote control function could be affected.

Strong magnetic fields can occur in the vicinity of powerful electrical installations.

Do not keep the key:

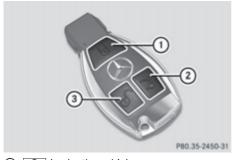
- with electronic devices, e.g. a mobile phone or another key
- with metallic objects, e.g. coins or metal film
- inside metallic objects, e.g. a metal case This can affect the key's functionality.

Do not keep the KEYLESS-GO or KEYLESS-GO Start function key in the temperature-controlled cup holder. Otherwise, the KEYLESS-GO or KEY-LESS-GO Start function key will not be detected.

Vehicles with KEYLESS-GO start function: do not keep the key in the luggage compartment. Otherwise, the key may not be detected, e.g. when starting the engine using the Start/Stop button.

Only for the United Kingdom: if the vehicle has been locked with the key from the outside, the double lock function is activated as standard. It is then not possible to open the doors from inside the vehicle.

Key functions



- 1 Locks the vehicle
- Opens/closes the tailgate
- (3) \bigcirc Unlocks the vehicle
- ▶ To unlock centrally: press the ____ button.

If you do not open the vehicle within approximately 40 seconds of unlocking:

- the vehicle locks again
- protection against theft is reactivated
- ▶ To lock centrally: press the 🕞 button.

The key centrally locks and unlocks the following components:

- the doors
- the tailgate
- the fuel filler flap

When unlocking, the turn signals flash once. When locking, they flash three times.

You can also set an audible signal to confirm that the vehicle has been locked. The audible signal can be activated or deactivated using the on-board computer (\triangleright page 295).

Only when all the components have been locked, does the optical or acoustic locking confirmation sound.

If activated in COMAND Online or Audio 20, the locator lighting also lights up in the dark (see separate operating instructions).

► To open the tailgate automatically from outside the vehicle: press and hold the button until the tailgate opens.

Vehicles with KEYLESS-GO or KEYLESS-GO start function and EASY-PACK tailgate:

To close the tailgate automatically from outside the vehicle: if the key is located in the immediate vicinity of the vehicle, press the \bigcirc button on the key. When the tailgate closes you can then release

When the tailgate closes you can then release the button.

KEYLESS-GO

General notes

Bear in mind that the engine can be started by any of the vehicle occupants if there is a KEY-LESS-GO key in the vehicle (\triangleright page 160).

Locking and unlocking centrally

You can start, lock or unlock the vehicle using KEYLESS-GO. To do this, you need to carry the key with you. You can combine the KEYLESS-GO functions with the functions of a conventional key. Unlock the vehicle by using KEYLESS-GO, for instance, and lock it using the **•** button on the key.

The driver's door and the door at which the handle is used must both be closed. The key must be outside the vehicle. When locking or unlocking with KEYLESS-GO, the distance between the key and the corresponding door handle must not be greater than 1 m.

KEYLESS-GO checks whether a valid key is in the vehicle by periodically establishing a radio connection between the vehicle and the key. This happens:

- when starting the engine
- whilst driving
- when the external door handles are touched
- during convenience closing



- To unlock the vehicle: touch the inner surface of the door handle.
- To lock the vehicle: touch sensor surface (1) or (2).

Make sure that you do not touch the inner surface of the door handle.

 Convenience closing feature: touch recessed sensor surface (2) for an extended period.

For further information on the convenience closing feature (\triangleright page 99).

If you pull on the handle of the tailgate, only the luggage compartment of the vehicle is unlocked.

Deactivating and activating

If you do not intend to use a key for an extended period of time, you can deactivate the KEYLESS-GO function of the key. The key will then use very little power, thereby conserving battery power. For the purposes of activation or deactivation, the vehicle does not have to be nearby.

- ► To deactivate: press the button on the key twice in rapid succession. The battery check lamp of the key flashes twice briefly and lights up once, then KEY-LESS-GO is deactivated (▷ page 87).
- ► To activate: press any button on the key. or
- Insert the key into the ignition lock. KEYLESS-GO and all of its associated features are available again.

KEYLESS-GO start function

General notes

Bear in mind that the engine can be started by any of the vehicle occupants if there is a key in the vehicle (\triangleright page 160).

Changing the settings of the locking system

You can change the settings of the locking system. This means that only the driver's door and the fuel filler flap are unlocked when the vehicle is unlocked. This is useful if you frequently travel alone. ► To change the setting: press and hold down the or about six seconds until the battery indicator lamp flashes twice (▷ page 87).

If the setting of the locking system is changed within the signal range of the vehicle, pressing the \bigcirc or \bigcirc button:

- locks or
- unlocks the vehicle

The key now functions as follows:

- **To unlock:** press the \mathbf{r} button once.
- ► To unlock centrally: press the button twice.
- ► To lock centrally: press the 🕞 button.

The KEYLESS-GO function is changed as follows:

- To unlock the driver's door: touch the inner surface of the door handle on the driver's door.
- To unlock centrally: touch the inner surface of the door handle on the front-passenger door or the rear door.
- ► To lock centrally: touch the outer sensor surface on one of the door handles (▷ page 85).
- ► To restore the factory settings: press and hold down the _____ and ___ buttons simultaneously for approximately six seconds until the battery check lamp flashes twice (▷ page 87).

Emergency key element

General notes

If the vehicle can no longer be locked or unlocked with the key or with KEYLESS-GO, use the emergency key element.

If you use the emergency key element to unlock and open the driver's door, the anti-theft alarm system will be triggered. Switch off the alarm (\triangleright page 81).

If you unlock the vehicle using the emergency key element, the fuel filler flap will not be unlocked automatically.

► To unlock the fuel filler flap: insert the key into the ignition lock.

Removing the emergency key element



Push release catch (1) in the direction of the arrow and, at the same time, remove emergency key element (2) from the key.

Further information about:

- unlocking the driver's door (▷ page 92)
- unlocking the luggage compartment (▷ page 97)
- locking the vehicle (▷ page 93)

Inserting the emergency key element

Push emergency key element ② completely into the key until it engages and release catch ① is back in its basic position.

Battery of the key

Important safety notes

▲ WARNING

Batteries contain toxic and corrosive substances. If batteries are swallowed, it can result in severe health problems. There is a risk of fatal injury.

Keep batteries out of the reach of children. If a battery is swallowed, seek medical attention immediately.

Ψ Environmental note



Batteries contain pollutants. It is illegal to dispose of them with the household rubbish. They must be collected separately and disposed of in an environmentally responsible recycling system.



Dispose of batteries in an environmentally responsible manner. Take discharged batteries to a qualified specialist workshop or to a collection point for used batteries.

Mercedes-Benz recommends that you have the batteries replaced at a qualified specialist work-shop.

Checking the battery



► Press the or button. The battery is OK if battery check lamp () lights up briefly.

The battery is discharged if battery check lamp (1) does not light up briefly.

• Replace the battery (\triangleright page 87).

If the key battery is checked within the signal reception range of the vehicle, pressing the \bigcirc or \bigcirc button:

- locks or
- unlocks the vehicle
- 1 You can obtain a battery from any qualified specialist workshop.

Replacing the battery

You require a CR 2025 3 V cell battery.

► Take the emergency key element out of the key (▷ page 87).



- Press emergency key element ② into the opening in the key in the direction of the arrow until battery compartment cover ① opens. When doing so, do not hold battery compartment cover ① shut.
- ▶ Remove battery compartment cover ①.



- Repeatedly tap the key against your palm until battery (3) falls out.
- Insert the new battery with the positive terminal facing upwards. Use a lint-free cloth to do so.
- Make sure that the surface of the battery is free of lint, grease and other contamination.
- Insert the front tabs of battery compartment cover ① into the housing and then press to close it.
- ► Insert emergency key element ② into the key (▷ page 87).
- Check the function of all key buttons on the vehicle.

Problems with the key

Problem	Possible causes/consequences and Solutions
You can no longer lock or unlock the vehicle using the key.	 The key battery is discharged or nearly discharged. Check the key battery (▷ page 87) and replace if necessary (▷ page 87). If this does not work: Unlock (▷ page 92) or lock (▷ page 93) the vehicle using the emergency key element.
	 There is interference from a powerful source of radio waves. ▶ Unlock (▷ page 92) or lock (▷ page 93) the vehicle using the emergency key element.
	 The key is faulty. Unlock (▷ page 92) or lock (▷ page 93) the vehicle using the emergency key element. Have the key checked at a qualified specialist workshop.
You can no longer lock or unlock the vehicle using KEYLESS-GO.	KEYLESS-GO was deactivated. ► Reactivate KEYLESS-GO (▷ page 85).
	 The key battery is discharged or nearly discharged. Check the key battery (▷ page 87) and replace if necessary (▷ page 87). If this does not work: Unlock (▷ page 92) or lock (▷ page 93) the vehicle using the emergency key element.
	 There is interference from a powerful source of radio waves. ▶ Unlock (▷ page 92) or lock (▷ page 93) the vehicle using the emergency key element.
	 There is a fault with KEYLESS-GO. Lock/unlock the vehicle using the remote control function of the key. Have the vehicle and key checked at a qualified specialist workshop. If the vehicle can also not be locked/unlocked using the remote control function: Unlock (▷ page 92) or lock (▷ page 93) the vehicle using the emergency key element. Have the vehicle and key checked at a qualified specialist workshop.

Opening and closing

Problem	Possible causes/consequences and ► Solutions
The engine cannot be started using the key.	 the on-board voltage is too low. Switch off non-essential consumers, e.g. seat heating or interior lighting, and try to start the engine again. If this does not work: Check the starter battery and charge it if necessary (▷ page 395). or Jump-start the vehicle (▷ page 397). or Consult a qualified specialist workshop.
The engine cannot be started using the Start/ Stop button. The key is in the vehicle.	The vehicle is locked. ► Unlock the vehicle and try to start the vehicle again.
	 The key battery is discharged or nearly discharged. Check the key battery (▷ page 87) and replace if necessary (▷ page 87). If this does not work: Start your vehicle with the key in the ignition lock.
	There is interference from a powerful source of radio waves.Start your vehicle with the key in the ignition lock.
You have lost a key.	 Have the key deactivated at a qualified specialist workshop. Report the loss immediately to the vehicle insurers. If necessary, have the locks changed as well.
You have lost the emer- gency key element.	 Report the loss immediately to the vehicle insurers. If necessary, have the locks changed as well.

Doors

Important safety notes

MARNING

If children are left unsupervised in the vehicle, they can:

- open doors and endanger other persons or road users
- climb out and be injured by the traffic
- operate vehicle equipment and, for example, trap themselves.

Children could also set the vehicle in motion, for example by:

- releasing the parking brake
- shifting the automatic transmission out of park position P
- starting the engine.

There is a risk of an accident and injury.

When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle. Always keep the key out of reach of children.

United Kingdom only:

▲ WARNING

When the double locks are activated, the doors can no longer be opened from the inside. People in the vehicle can no longer get out, e.g. in hazardous situations. There is a risk of injury.

Therefore, do not leave any people unsupervised in the vehicle, particularly children, elderly people or people in need of special assistance. Do not activate the double lock when people are in the vehicle.

If the vehicle has been locked with the key or with KEYLESS-GO, the double lock function is activated as standard. It is then not possible to open the doors from inside the vehicle. You can deactivate the double lock function by deactivating the interior motion sensor (> page 82). The doors can then be opened from the inside after the vehicle has been locked from the outside. You can only open the rear doors from inside the vehicle if they are not secured by the child-proof locks (> page 69). The anti-theft alarm system is triggered if the door is opened from the inside. Switch off the alarm (> page 81).

Unlocking and opening the doors from the inside

For all countries except the United Kingdom: you can open a door from inside the vehicle even if it has been locked. You can only open the rear doors from inside the vehicle if they are not secured by the child-proof locks (\triangleright page 69).

If the vehicle has previously been locked from the outside, opening a door from the inside will trigger the anti-theft alarm system. Switch off the alarm (\triangleright page 81).

Only for the United Kingdom: if the vehicle has been locked with the key from the outside, the double lock function is activated as standard. It is then not possible to open the doors from inside the vehicle. You can deactivate the double lock function by deactivating the interior motion sensor (\triangleright page 82). The doors can then be opened from the inside after the vehicle has been locked from the outside. The anti-theft alarm system is triggered if the door is opened from the inside. Switch off the alarm (\triangleright page 81).



For all countries except Mexico:

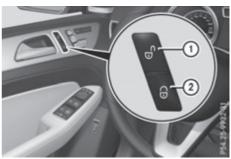
Pull door handle ②. If the door is locked, locking knob ① pops up. The door is unlocked and can be opened.

Mexico only:

- Front door: pull door handle ②. If the door is locked, locking knob ① pops up. The door is unlocked and can be opened.
- Rear door: pull door handle ②. If the door is locked, locking knob ① pops up and the door unlocks.
- Pull door handle ② again. The door can be opened.

Centrally locking and unlocking the vehicle from the inside

You can centrally lock or unlock the vehicle from the inside. The buttons are located on both front doors.



- ▶ To unlock: press button ①.
- ► To lock: press button ②. If the front-passenger door is closed, the vehicle locks.

This does not lock or unlock the fuel filler flap.

You cannot unlock the vehicle centrally from the inside if the vehicle has been locked from the outside.

For all countries except the United Kingdom: you can open a door from inside the vehicle even if it has been locked.

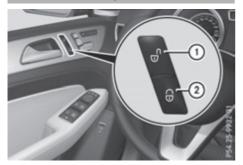
Only for the United Kingdom: if the vehicle has been locked with the key from the outside, the double lock function is activated as standard. It is then not possible to open the doors from inside the vehicle. You can deactivate the double lock function by deactivating the interior motion sensor (\triangleright page 82). The doors can then be opened from the inside after the vehicle has been locked from the outside.

For all countries: when a locked door is opened from inside the vehicle, the previous unlocking process will be observed if the vehicle has been:

- locked with the locking button for the central locking or
- locked automatically

The vehicle will be fully unlocked if it had previously been fully unlocked. Only the door which has been opened from the inside is unlocked if only the driver's door had been previously unlocked.

Automatic locking feature



- ► To deactivate: press and hold button ① for about five seconds until a tone sounds.
- To activate: press and hold button ② for about five seconds until a tone sounds.

If you press one of the two buttons and do not hear a tone, the relevant setting has already been selected.

The vehicle is locked automatically when the ignition is switched on and the wheels are turning.

Therefore, you could be locked out if:

- the vehicle is being pushed
- the vehicle is being towed
- the vehicle is being tested on a dynamometer.

You can also activate and deactivate the automatic locking function using the on-board computer (\triangleright page 294).

Power closing

Power closing pulls the doors and tailgate into their locks automatically even if they are not completely closed.

- To power close a door: push the door into the lock up to the first detent position. Power closing will pull the door fully closed.
- ► To power close the tailgate: lightly press the tailgate downwards. Power closing will pull the tailgate fully closed.

Unlocking the driver's door (emergency key element)

If the vehicle can no longer be unlocked with the key or KEYLESS-GO, use the emergency key element.

- ► Take the emergency key element out of the key (▷ page 86).
- Insert the emergency key element into the lock of the driver's door as far as it will go.



► Turn the emergency key element anti-clockwise to position 1. On right-hand-drive vehicles, turn the emergency key element clockwise. The door is unlocked.

- ► Turn the emergency key element back and remove it.
- ► Insert the emergency key element into the key (▷ page 87).

If you use the emergency key element to unlock and open the driver's door, the anti-theft alarm system will be triggered. Switch off the alarm (\triangleright page 81).

Locking the vehicle (emergency key element)

If the vehicle can no longer be locked with the key or KEYLESS-GO, use the emergency key element.

- ▶ Open the driver's door.
- Close the front-passenger door, the rear doors and the tailgate.
- ▶ Press the locking button (▷ page 91).
- Check whether the locking knobs on the front-passenger door and the rear doors are still visible. Press the locking knobs down by hand if necessary.
- ► Close the driver's door.
- ► Take the emergency key element out of the key (▷ page 87).
- ► Insert the emergency key element into the lock of the driver's door as far as it will go.



► Turn the emergency key element clockwise as far as it will go to position 1.

On right-hand-drive vehicles, turn the emergency key element anti-clockwise.

► Turn the emergency key element back and remove it.

- Make sure that the doors and the tailgate are locked.
- ► Insert the emergency key element into the key (▷ page 87).

If you lock the vehicle as described above, the fuel filler flap is not locked. The anti-theft alarm system is not primed.

Luggage compartment

Important safety notes

Combustion engines emit poisonous exhaust gases such as carbon monoxide. If the tailgate is open when the engine is running, particularly if the vehicle is moving, exhaust fumes could enter the passenger compartment. There is a risk of poisoning.

Turn off the engine before opening the tailgate. Never drive with the tailgate open.

If objects, luggage or loads are not secured or not secured sufficiently, they could slip, tip over or be flung around and thereby hit vehicle occupants. There is a risk of injury, especially when braking or abruptly changing directions.

Always store objects so that they cannot be flung around. Secure objects, luggage or loads against slipping or tipping before the journey.

I The tailgate swings upwards and to the rear when opened. Therefore, make sure that there is sufficient clearance above and behind the tailgate.

The opening dimensions of the tailgate can be found in the "Vehicle data" section (> page 442).

Stow luggage or loads preferably in the luggage compartment. Observe the loading guidelines (\triangleright page 351).

Do not leave the key in the luggage compartment. You could otherwise lock yourself out. Vehicles without the EASY-PACK tailgate: the tailgate can be:

- opened and closed manually from outside
- unlocked from the inside with the emergency release

Vehicles with the EASY-PACK tailgate: you can:

- close the tailgate manually from outside
- open and close the tailgate automatically from outside
- open and close the tailgate automatically from inside
- unlock the tailgate from inside with the emergency release
- limit the opening angle of the tailgate

Tailgate reversing function

On vehicles with tailgate remote closing feature, the tailgate is equipped with automatic obstacle recognition with a reversing feature. If a solid object blocks or restricts the tailgate when automatically opening or closing, this procedure is stopped. If the tailgate is stopped during the closing procedure, it will open again automatically. The automatic obstacle detection with reversing function is only an aid. It is not a substitute for your attentiveness when opening and closing the tailgate.

The reversing function does not react:

- to soft, light and thin objects, e.g. small fingers
- over the last 8 mm of the closing path

This means that the reversing feature cannot prevent someone being trapped in these situations. There is a risk of injury.

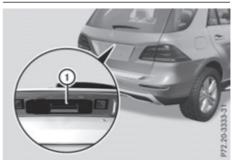
When closing make sure that no body parts are in the closing area.

If someone is trapped:

- press the 🔀 button on the key or
- pull or press the remote operating switch on the driver's door or
- press the closing or locking button on the tailgate or
- pull the handle on the tailgate

Opening and closing manually from outside

Opening



- Press the button on the key.
- ▶ Pull handle ①.
- ▶ Raise the tailgate.

Vehicles with the EASY-PACK tailgate: if you pull handle () and then release it, the tailgate opens automatically.

Closing



- ▶ Pull the tailgate down using recess ①.
- Let the tailgate to drop into the lock.
- ► Lock the vehicle if necessary with the button on the key or with KEYLESS-GO.
- **1** If a KEYLESS-GO key is detected in the luggage compartment, the tailgate will not lock.

Opening/closing automatically from the outside

Important safety notes

United Kingdom only:

▲ WARNING

When the double locks are activated, the doors can no longer be opened from the inside. People in the vehicle can no longer get out, e.g. in hazardous situations. There is a risk of injury.

Therefore, do not leave any people unsupervised in the vehicle, particularly children, elderly people or people in need of special assistance. Do not activate the double lock when people are in the vehicle.

If the vehicle has been locked from the outside, the double lock function is activated as standard. It is then not possible to open the doors from inside the vehicle. You can deactivate the double lock function by deactivating the interior motion sensor (\triangleright page 82). The doors can then be opened from the inside after the vehicle has been locked from the outside. You can only open the rear doors from inside the vehicle if they are not secured by the child-proof locks (\triangleright page 69). The anti-theft alarm system is triggered if the door is opened from the inside. Switch off the alarm (\triangleright page 81).

The anti-theft alarm system is triggered if the door is opened from the inside. Switch off the alarm (\triangleright page 81).

All countries:

MARNING

Parts of the body could become trapped during automatic closing of the tailgate. Moreover, people, e.g. children, may be standing in the closing area or may enter the closing area during the closing process. There is a risk of injury.

Make sure that nobody is in the vicinity of the closing area during the closing process.

Use one of the following options to stop the closing process:

- press the \bigcirc button on the key
- pull or press the remote operating switch on the driver's door
- press the closing or locking button on the tailgate
- pull the handle on the tailgate

Combustion engines emit poisonous exhaust gases such as carbon monoxide. If the tailgate is open when the engine is running, particularly if the vehicle is moving, exhaust fumes could enter the passenger compartment. There is a risk of poisoning.

Turn off the engine before opening the tailgate. Never drive with the tailgate open.

H The tailgate swings upwards and to the rear when opened. Therefore, make sure that there is sufficient clearance above and behind the tailgate.

Two warning tones sound while the tailgate is opening or closing.

The opening dimensions of the tailgate can be found in the "Vehicle data" section (> page 442).

 Notes on the automatic reversing feature for the tailgate (▷ page 94).

Opening the tailgate automatically

You can open the tailgate automatically with the key or the handle in the tailgate.

Press and hold the button on the key until the tailgate opens.

or

When the tailgate is unlocked, pull the tailgate handle and let it go again immediately.

or

With the tailgate stopped in an intermediate position, pull the tailgate upwards. You can release the tailgate as soon as the tailgate starts to open.

Closing the tailgate automatically



- ► To close: press closing button ① in the tailgate.
- or
- Press and hold the button on the key until the tailgate closes.

You can release the button as soon as the tailgate starts to close.

Vehicles with EASY-PACK tailgate and KEYLESS-GO: you can simultaneously close and lock the tailgate.

- Press locking button (2) in the tailgate. If a KEYLESS-GO key is detected outside the vehicle, the tailgate closes and locks. All doors must be shut and the key must be located in the vicinity of the tailgate.
- There must not be a key in the ignition lock in order to open and close the tailgate.

If the tailgate touches an object while closing, the closing procedure is interrupted and the tailgate reopens.

1 If a KEYLESS-GO key is detected in the luggage compartment, the tailgate will not lock.

Opening and closing automatically from the inside

Important safety notes

≜ WARNING

The reversing function does not react:

- to soft, light and thin objects, e.g. small fingers
- over the last 8 mm of the closing path

This means that the reversing feature cannot prevent someone being trapped in these situations. There is a risk of injury.

When closing make sure that no body parts are in the closing area.

If someone is trapped:

- press the \fbox button on the key or
- pull or press the remote operating switch on the driver's door or
- press the closing or locking button on the tailgate or
- pull the handle on the tailgate

▲ WARNING

Combustion engines emit poisonous exhaust gases such as carbon monoxide. If the tailgate is open when the engine is running, particularly if the vehicle is moving, exhaust fumes could enter the passenger compartment. There is a risk of poisoning.

Turn off the engine before opening the tailgate. Never drive with the tailgate open.

I The tailgate swings upwards and to the rear when opened. Therefore, make sure that there is sufficient clearance above and behind the tailgate.

Two warning tones sound while the tailgate is opening or closing.

The opening dimensions of the tailgate can be found in the "Vehicle data" section (> page 442).

Notes on the automatic reversing feature for the tailgate (▷ page 94).

Opening and closing



- ► **To open:** pull remote operating switch ① for the tailgate until the tailgate opens.
- ► To close: turn the key to position 1 or 2 in the ignition lock.
- Press remote operating switch for tailgate 1 until the tailgate is completely closed.

You can open and close the tailgate from the driver's seat when the vehicle is stationary and unlocked.

Limiting the opening angle of the tailgate

General notes

Make sure there is sufficient clearance to open the tailgate fully when setting the opening angle. The tailgate could otherwise be damaged. Ideally, set the opening angle outside.

Priming

You can limit the opening angle of the tailgate. This is possible in the top half of its opening range, up to approximately 10 cm before the stop.

- ► To open the tailgate: pull the handle on the tailgate.
- To stop the opening procedure at the desired position: press the closing button in

the tailgate or pull the handle on the outside of the tailgate again.

► To store the position: press and hold the closing button in the tailgate until two short tones sound.

The opening angle limiter is activated. The tailgate then stops in the stored position when opened.

Switching off

Press and hold the closing button in the tailgate until you hear a short tone.

Tailgate emergency release

General notes

H The tailgate swings upwards and to the rear when opened. Therefore, make sure that there is sufficient clearance above and behind the tailgate.

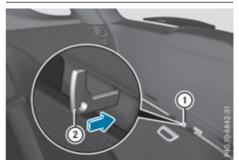
The opening dimensions of the tailgate can be found in the "Vehicle data" section (\triangleright page 442).

If the tailgate can no longer be unlocked:

- using the key, or
- using the remote operating switch in the door control panel:

use the emergency release.

To open



- ► Take emergency key element ② out of the key (▷ page 86).
- Insert emergency key element (2) or a suitable tool, e.g. a thin screwdriver, into opening (1) of the trim and press in. The tailgate is released.

- ▶ Open the tailgate.
- ► Insert emergency key element ② into the key (▷ page 87).

Side windows

Important safety notes

≜ WARNING

While opening the side windows, body parts could become trapped between the side window and the door frame as the side window moves. There is a risk of injury.

Make sure that nobody touches the side window during the opening procedure. If somebody becomes trapped, release the switch or pull the switch to close the side window again.

MARNING

While closing the side windows, body parts in the closing area could become trapped. There is a risk of injury.

When closing make sure that no parts of the body are in the closing area. If somebody becomes trapped, release the switch or press the switch to open the side window again.

MARNING

If children operate the side windows they could become trapped, particularly if they are left unsupervised. There is a risk of injury.

Activate the override feature for the rear side windows. When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle.

Side window reversing feature

The side windows are equipped with an automatic reversing feature. If a solid object blocks or restricts a side window during the closing process, the side window opens again automatically. The automatic reversing feature is, however, only an aid and is no substitute for your attention when closing a side window.

MARNING

The reversing function does not react:

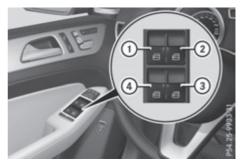
- to soft, light and thin objects, e.g. small fingers
- over the last 4 mm of the closing movement
- during resetting
- when closing the side window again manually immediately after automatic reversing

This means that the reversing function cannot prevent someone being trapped in these situations. There is a risk of injury.

When closing make sure that no parts of the body are in the closing area. If someone becomes trapped, press the switch to open the side window again.

Opening and closing the side windows

The switches for all side windows are located on the driver's door. There is also a switch on each door for the corresponding side window. The switches on the driver's door take precedence.



- ① Front left
- Front right
- ③ Rear right
- ④ Rear left
- ► Turn the key to position 1 or 2 in the ignition lock.
- To open manually: press and hold the corresponding button.
- To open fully: press the button beyond the point of resistance and release it. Automatic operation is started.

- ► To close manually: pull the corresponding button and hold it.
- ► To close fully: pull the button beyond the point of resistance and release it. Automatic operation is started.
- To interrupt automatic operation: press/ pull the corresponding switch again.

If you press/pull the switch beyond the point of resistance and release, automatic operation is started in the corresponding direction. You can stop automatic operation by pressing/pulling again.

You can continue to operate the side windows after switching off the engine or removing the key. This function remains active for five minutes or until the driver's or front-passenger door is opened.

The side windows cannot be operated from the rear when the override feature for the side windows is activated (\triangleright page 69).

Convenience opening feature

General notes

Vehicles with KEYLESS-GO or KEYLESS-GO start function: you can ventilate the vehicle before you start driving.

To do this, the key is used to carry out the following functions simultaneously:

- unlock the vehicle
- open the side windows
- open the sliding sunroof or the panorama sliding sunroof and the roller sunblinds
- switch on the seat ventilation for the driver's seat

The convenience opening feature can only be operated using the key. The key must be close to the vehicle. For vehicles without KEYLESS-GO, the key must be near the driver's door handle.

The "convenience opening" feature is also available when the vehicle is unlocked.

Convenience opening feature

- Vehicles without KEYLESS-GO: point the tip of the key at the door handle on the driver's door.
- Press and hold the windows and the sliding sunroof or panorama sliding sunroof are in the desired position. If the roller sunblinds of the panorama sliding sunroof are closed, the roller sunblinds are opened first.
- Press and hold the panorama sliding sunroof is in the desired position.
- ► To interrupt convenience opening: release the u[∩] button.

Convenience closing feature

Important safety notes

▲ WARNING

When the convenience closing feature is operating, parts of the body could become trapped in the closing area of the side window and the sliding sunroof. There is a risk of injury.

Observe the complete closing procedure when the convenience closing feature is operating. When closing make sure that no parts of the body are in the closing area.

When you lock the vehicle, you can simultaneously:

- close the side windows
- close the sliding sunroof or the panorama sliding sunroof

On vehicles with a panorama sliding sunroof, you can then close the roller sunblinds.

Proceed as follows if someone is trapped:

- Release the **b** button to interrupt the closing procedure.
- Press and hold the **n** button to open. Vehicles with KEYLESS-GO:
- Release the sensor surfaces on the exterior door handle to interrupt the closing procedure.
- To open, pull the same door handle immediately and hold it firmly. The side windows and the sliding sunroof open for as long as the

door handle is held and the door is not opened.

Notes on the automatic reversing feature for:

- the side windows (▷ page 98)
- the sliding sunroof (▷ page 102)
- the panorama sliding sunroof (▷ page 102)

Using the key

The key must be close to the vehicle. For vehicles without KEYLESS-GO, the key must be near the driver's door handle.

- ► Vehicles without KEYLESS-GO: point the tip of the key at the door handle on the driver's door.
- Press and hold the button until the side windows and the sliding sunroof or the panorama sliding sunroof are fully closed.
- Make sure that all the side windows and the sliding sunroof or panorama sliding sunroof are closed.

On vehicles with a panorama sliding sunroof:

- Press and hold the button again until the roller sunblinds of the panorama sliding sunroof close.
- ► To interrupt convenience closing: release the 🕞 button.

Using KEYLESS-GO



- ► Touch recessed sensor surface ① on the door handle until the side windows and the sliding sunroof or the panorama sliding sunroof are fully closed.
- Make sure you only touch recessed sensor surface ①.

- Make sure that all the side windows and the sliding sunroof or panorama sliding sunroof are closed.
- Vehicles with a panorama sliding sunroof: touch recessed sensor surface ① on the door handle again until the roller sunblinds of the panorama sliding sunroof close.
- ► To interrupt convenience closing: release recessed sensor surface ① on the door handle.

Resetting the side windows

If a side window can no longer be closed fully, you must reset it.

- Close all doors.
- ► Turn the key to position 1 or 2 in the ignition lock.
- Pull the corresponding switch on the door control panel until the side window is completely closed (▷ page 98).
- ▶ Hold the switch for an additional second.

If the side window opens again slightly:

- ▶ Immediately pull the corresponding switch on the door control panel until the side window is completely closed (▷ page 98).
- ► Hold the switch for an additional second.
- If the corresponding side window remains closed after the button has been released, the side window has been reset correctly. If this is not the case, repeat the steps above again.

Problems with the side windows

If you close a side window again immediately after it has been blocked or reset, the side window closes with increased or maximum force. The reversing function is then not active. Parts of the body could be trapped in the closing area in the process. This poses an increased risk of injury or even fatal injury.

Make sure that no parts of the body are in the closing area. To stop the closing process, release the switch or push the switch again to reopen the side window.

Problem	Possible causes/consequences and Solutions
A side window cannot be closed because it is blocked by objects, e.g. leaves in the window guide.	Remove the objects.Close the side window.
A side window cannot be closed and you cannot see the cause.	If a side window is obstructed during closing and reopens again slightly:
	 Immediately after the window blocks, pull the corresponding switch again until the side window has closed. The side window is closed with increased force.
	If a side window is obstructed again during closing and reopens again slightly:
	 Immediately after the window blocks, pull the corresponding switch again until the side window has closed. The side window is closed without the automatic reversing feature.

Sliding sunroof

Important safety notes

Your vehicle may be fitted with a sliding sunroof or a panorama sliding sunroof. In the following section, the term "sliding sunroof" refers to both types of sliding sunroof.

▲ WARNING

While opening and closing the sliding sunroof, body parts in close proximity could become trapped. There is a risk of injury.

Make sure that no body parts are in close proximity during the opening and closing procedures.

If somebody becomes trapped:

- release the switch immediately, or
- during automatic operation, press the switch briefly in any direction

The opening or closing procedure will be stopped.

If children operate the sliding sunroof they could become trapped, particularly if they are left unsupervised. There is a risk of injury.

When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle.

Only open the panorama sliding sunroof if it is free of snow and ice. Otherwise, malfunctions may occur. Do not allow anything to protrude from the sliding sunroof. Otherwise, the seals could be damaged.

Resonance noises can occur in addition to the usual airflow noises when the sliding sunroof is open. They are caused by minor pressure fluctuations in the vehicle interior. Change the position of the sliding sunroof or open a side window slightly. This will lessen or eliminate the noise.

Sliding sunroof reversing feature

Your vehicle may be fitted with a sliding sunroof or a panorama sliding sunroof. In the following section, the term "sliding sunroof" refers to both types of sliding sunroof.

The sliding sunroof is equipped with an automatic reversing feature. If an object blocks or restricts the sliding sunroof during the closing process, the sliding sunroof opens again automatically. The automatic reversing feature is, however, only an aid and is no substitute for your attention when closing the sliding roof.

WARNING

The reversing feature does not react:

- to soft, light and thin objects, e.g. small fingers
- over the last 4 mm of the closing movement
- during resetting
- when closing the sliding sunroof again manually immediately after automatic reversing

This means that the reversing feature cannot prevent someone being trapped in these situations. There is a risk of injury.

When closing make sure that no body parts are in the closing area.

If someone is trapped:

- · release the switch immediately or
- press the switch in any direction during the automatic closing process

The closing process is stopped.

Operating the sliding sunroof

Opening and closing



- To raise
- (2) To open
- ③ To close/lower
- ► Turn the key to position 1 or 2 in the ignition lock.
- Press or pull the switch in the corresponding direction.

If you press the [__] switch beyond the point of resistance, an automatic opening/closing process is started in the corresponding direction. You can stop automatic operation by pressing/ pulling again.

The sun protection cover automatically opens along with the sliding sunroof. You can open or close the sun protection cover manually when the sliding sunroof is raised or closed.

You can continue to operate the sliding sunroof after switching off the engine or removing the key. This function remains active for five minutes or until the driver's or front-passenger door is opened.

Rain-closing feature

When the key is in position $\mathbf{0}$ in the ignition lock or is removed, the sliding sunroof closes automatically:

- if it starts to rain
- at extreme outside temperatures
- after six hours
- if there is a malfunction in the power supply

The rear of the sliding sunroof is then raised in order to ventilate the vehicle interior.

If the sliding sunroof is obstructed when being closed by the rain-closing feature, it opens again

slightly. The rain-closing feature is then deactivated.

The sliding sunroof does not close if:

- it is raised at the rear.
- it is blocked.
- no rain is falling on the area of the windscreen being monitored by the rain sensor, e.g. because the vehicle is under a bridge or in a carport.

Resetting

If the sliding sunroof still cannot be opened or closed fully after resetting, contact a qualified specialist workshop.

Reset the sliding sunroof if it does not operate smoothly.

- ► Turn the key to position 1 or 2 in the ignition lock.
- ► Raise the sliding sunroof fully at the rear (▷ page 102).
- ► Keep the switch pressed for another second.
- Make sure that the sliding sunroof can be fully opened and closed again (▷ page 102).
- If this is not the case, repeat the steps above again.

Operating the panorama sliding sunroof

Opening and closing



- 1 To raise
- (2) To open
- (3) To close/lower

The panorama sliding sunroof can only be opened when the roller sunblind is open.

- ► Turn the key to position 1 or 2 in the ignition lock.
- Press or pull the switch in the corresponding direction.

If you press/pull the [__] switch beyond the point of resistance, automatic operation is started in the corresponding direction. You can stop automatic operation by pressing/pulling again. Automatic operation for raising is only available only when the panorama sliding sunroof is closed.

Rain-closing feature

When the key is in position **0** in the ignition lock or is removed, the panorama sliding sunroof closes automatically:

- if it starts to rain
- at extreme outside temperatures
- after six hours
- if there is a malfunction in the power supply

The panorama sliding sunroof remains raised at the rear in order to allow ventilation of the vehicle interior.

If the panorama sliding sunroof is obstructed when being closed by the rain-closing feature, it opens again slightly. The rain-closing feature is then deactivated.

The panorama sliding sunroof does not close if:

- it is raised at the rear.
- it is blocked.
- no rain is falling on the area of the windscreen being monitored by the rain sensor, e.g. because the vehicle is under a bridge or in a carport.

Operating the panorama sliding sunroof roller sunblinds

Important safety notes

Parts of the body could become trapped between the roller sunblind and frame or sliding sunroof during automatic opening or closing. There is a risk of injury.

When opening or closing, make sure that no body parts are in the sweep of the roller sunblind.

If someone is trapped:

- · release the switch immediately or
- press the switch in any direction during the automatic opening/closing process

The opening/closing process is stopped.

The roller sunblinds shield the vehicle interior from sunlight. The roller sunblinds can only be opened and closed together when the panorama sliding sunroof is closed.

Roller sunblind reversing feature

The roller sunblinds are equipped with an automatic reversing feature. If a solid object blocks or restricts the roller blind during the closing process, the roller blind opens again automatically. However, the automatic reversing feature is only an aid, not a substitute for your attention when closing the roller sunblind.

MARNING

The reversing function does not react in particular to soft, light and thin objects, e.g. small fingers. This means that the reversing feature cannot prevent someone being trapped in these situations. There is a risk of injury.

When closing the roller sunblind, make sure that no body parts are in the sweep.

If someone is trapped:

- · release the switch immediately or
- press the switch in any direction during the automatic closing process

The closing process is stopped.

Opening and closing roller sunblinds



- 1 To open
- To open
- ③ To close
- ► Turn the key to position 1 or 2 in the ignition lock.
- Press or pull the switch in the corresponding direction.

If you press/pull the [__] switch beyond the point of resistance, automatic operation is started in the corresponding direction. You can stop automatic operation by pressing/pulling again.

Resetting the panorama sliding sunroof and the roller sunblinds

If the panorama sliding sunroof and the roller sunblinds cannot be fully opened or closed after resetting, contact a qualified specialist workshop.

Reset the panorama sliding sunroof and the roller sunblinds if the panorama sliding sunroof or the roller sunblinds do not move smoothly.

- ► Turn the key to position 1 or 2 in the ignition lock.
- Pull the switch repeatedly to the point of resistance in the direction of arrow until the panorama sliding sunroof is fully closed.
- Keep the switch pulled for an additional second.
- ▶ Pull the □ switch repeatedly to the point of resistance in the direction of arrow ③ until the roller sunblinds are fully closed.
- Keep the switch pulled for an additional second.

- Make sure that the panorama sliding sunroof and the roller sunblinds can be fully opened again.
- If this is not the case, repeat the steps above again.

Problems with the sliding sunroof

Your vehicle may be fitted with a sliding sunroof or a panorama sliding sunroof. In the following section, the term "sliding sunroof" refers to both types of sliding sunroof.

≜ WARNING

If you close the sliding sunroof again immediately after it has been blocked or reset, the sliding sunroof closes with increased or maximum force. The reversing feature is then not active. Parts of the body could be trapped in the closing area in the process. This poses an increased risk of injury or even fatal injury.

Make sure that no parts of the body are in the closing area.

If someone is trapped:

- · release the switch immediately or
- press the switch in any direction during the automatic closing process

The closing process is stopped.

Problem	Possible causes/consequences and ► Solutions
The sliding sunroof can- not be closed and you cannot see the cause.	If the sliding sunroof is obstructed during closing and reopens again slightly:
	 Immediately after the sliding sunroof blocks, pull the switch in the overhead control panel down to the point of resistance and hold it until the sliding sunroof is closed. The sliding sunroof is closed with increased force.
	If the sliding sunroof is obstructed again during closing and reopens again slightly:
	 Immediately after the sliding sunroof blocks, pull the switch in the overhead control panel down to the point of resistance and hold it until the sliding sunroof is closed. The sliding sunroof is closed without the automatic reversing fea- ture.

Useful information

(1) This Owner's Manual describes all models, series and optional equipment for your vehicle that were available at the time of going to press. National variations are possible. Note that your vehicle may not be equipped with all of the functions described. This is also the case for systems and functions relevant to safety.

 Read the information on qualified specialist workshops: (▷ page 28).

Correct driver's seat position

MARNING

You could lose control of the vehicle while driving if you:

- adjust the driver's seat, steering wheel or mirrors
- fasten the seat belt

There is a risk of an accident.

Adjust the driver's seat, head restraint, steering wheel and mirrors and fasten your seat belt before starting the engine.



- ► Observe the safety guidelines on seat adjustment (▷ page 108).
- ► Make sure that seat ③ is correctly adjusted (▷ page 109).

When adjusting the seat, make sure that:

- you are as far away from the driver's airbag as possible
- you are sitting in a normal upright position
- you can fasten the seat belt properly
- you have moved the backrest to an almost vertical position
- you have set the seat angle so that your thighs are gently supported
- you can depress the pedals properly
- ► Check whether the head restraint is adjusted correctly (▷ page 109).

When doing so, make sure that you have adjusted the head restraint so that the back of your head is supported at eye level by the centre of the head restraint.

- ► Observe the safety notes on steering column adjustment (▷ page 114).
- ► Make sure that steering wheel ① is adjusted correctly.

Adjusting the steering wheel manually (> page 114)

Adjusting the steering wheel electrically (> page 115)

When adjusting the steering wheel column, make sure that:

- you can hold the steering wheel with your arms slightly bent
- you can move your legs freely
- you can see all the displays in the instrument cluster clearly
- ► Observe the safety guidelines for seat belts (▷ page 45).
- ► Check whether you have fastened seat belt ② properly (▷ page 47).

The seat belt should:

- fit snugly across your body
- be routed across the middle of your shoulder
- be routed across your hips in the pelvic area
- Before starting off, adjust the rear-view mirror and the exterior mirrors so that you have a good view of road and traffic conditions (> page 117).
- ► Vehicles with a memory function: save the seat, steering wheel and exterior mirror settings with the memory function (▷ page 120).

Seats

Important safety notes

▲ WARNING

If children adjust the seats, they could become trapped, especially if they are unattended. There is a risk of injury.

When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle.

The seats can still be adjusted when there is no key in the ignition lock.

▲ WARNING

When adjusting a seat, you or another vehicle occupant could become trapped by the guide rail of the seat, for instance. There is a risk of injury.

Make sure that no one has any part of their body within the sweep of the seat when adjusting it.

Observe the safety notes on "Airbags" (\triangleright page 48) and "Children in the Vehicle" (\triangleright page 58).

You could lose control of the vehicle while driving if you:

- adjust the driver's seat, steering wheel or mirrors
- fasten the seat belt

There is a risk of an accident.

Adjust the driver's seat, head restraint, steering wheel and mirrors and fasten your seat belt before starting the engine.

▲ WARNING

If you adjust the seat height carelessly, you or other vehicle occupants could be trapped and thereby injured. Children in particular could accidentally press the electrical seat adjustment buttons and become trapped. There is a risk of injury.

While moving the seats, make sure that your hands or other body parts do not get under the

lever assembly of the seat adjustment system.

The head restraints cannot provide the intended protection unless they are fitted and adjusted correctly. There is an increased risk of injury to the head and neck in the event of an accident or sudden braking, for example.

Always drive with the head restraints fitted. Ensure that the centre of the head restraints support the back of each vehicle occupant's head at eye level before driving off.

The seat belt does not offer the intended level of protection if you have not moved the backrest to an almost vertical position. When braking or in the event of an accident, you could slide underneath the seat belt and sustain abdomen or neck injuries, for example. This poses an increased risk of injury or even fatal injury.

Adjust the seat properly before beginning your journey. Always ensure that the backrest is in an almost vertical position and that the shoulder section of your seatbelt is routed across the centre of your shoulder.

- To avoid damage to the seats and the seat heating, observe the following information:
 - do not spill any liquids on the seats. If liquid is spilled on the seats, dry them as soon as possible.
 - if the seat covers are damp or wet, do not switch on the seat heating. The seat heating should also not be used to dry the seats.
 - clean the seat covers as recommended; see "Interior care".
 - do not transport heavy loads on the seats. Do not place sharp objects on the seat cushions, e.g. knives, nails or tools. The seats should only be occupied by passengers, if possible.
 - when the seat heating is in operation, do not cover the seats with insulating materials, e.g. blankets, coats, bags, seat covers, child seats or booster seats.

Make sure that there are no objects in the footwell under or behind the seats when moving the seats back. There is a risk that the seats and/or the objects could be damaged.

1 The head restraints cannot be removed from the front seats. The rear-compartment head restraints, however, can be removed (▷ page 111).

For more information, contact a qualified specialist workshop.

1 Further related subjects:

 Luggage compartment enlargement (folding down the rear bench seat) (▷ page 354)

Adjusting the seats electrically



- (1) Head restraint height
- Seat cushion angle
- ③ Seat height
- ④ Seat fore-and-aft adjustment
- 5 Backrest angle
- Vehicles with memory function: if PRE-SAFE[®] has been triggered, the frontpassenger seat will be moved to a better position if it was previously in an unfavourable position.
- Vehicles with memory function: when the seat is moved forwards or backwards, the headrest is moved up or down automatically.

Adjusting the head restraints

Important safety notes

MARNING

You could lose control of the vehicle while driving if you:

- adjust the driver's seat, steering wheel or mirrors
- fasten the seat belt

There is a risk of an accident.

Adjust the driver's seat, head restraint, steering wheel and mirrors and fasten your seat belt before starting the engine.

MARNING

The head restraints cannot provide the intended protection unless they are fitted and adjusted correctly. There is an increased risk of injury to the head and neck in the event of an accident or sudden braking, for example.

Always drive with the head restraints fitted. Ensure that the centre of the head restraints support the back of each vehicle occupant's head at eye level before driving off.

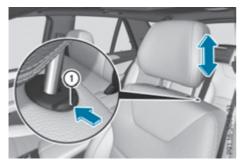
Do not interchange the head restraints of the front and rear seats. Otherwise, you will not be able to adjust the height and angle of the head restraints to the correct position.

Adjust the head restraint fore-and-aft position so that it is as close as possible to the back of your head.

Observe the important safety guidelines for seats (\triangleright page 108).

Adjusting the head restraints manually

Adjusting the head restraint height



- ► To raise: pull the head restraint up to the desired position.
- ▶ **To lower:** press release catch ① in the direction of the arrow and push the head restraint down to the desired position.

Adjusting the head restraint fore-and-aft position



This function allows you to adjust the distance between the head restraint and the back of the head.

To move forwards: pull the head restraint forwards in the direction of the arrow until it engages.

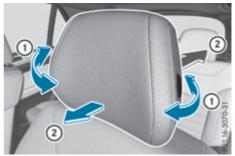
There are a number of detents.

- ► To move backwards: press and hold release button ① and push the head restraint backwards.
- When the head restraint is in the desired position, release the button and make sure that the head restraint is engaged in position.
- Adjust the head restraint so that the back of your head is as close to the head restraint as possible.

Adjusting the head restraints electrically

► To adjust the head restraint height: slide the switch for the head restraint adjustment (▷ page 109) up or down in the direction of the arrow.

Adjusting the luxury head restraints

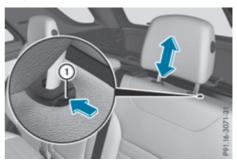


The first row of seats has luxury head restraints.

- ► To adjust the side bolsters of the head restraint: push or pull right and/or left-hand side bolster ① into the desired position.
- ► To adjust the fore-and-aft position of the head restraint: push or pull the head restraint in the direction of arrow (2).
- Adjust the head restraint so that the back of your head is as close to the head restraint as possible.

Rear seat head restraints

Adjusting the rear seat head restraint height



- ► If the head restraint is fully lowered, it is necessary to press release catch ①.
- ► To raise: pull the head restraint up to the desired height.
- ► **To lower:** press release catch (1) and push the head restraint down until it is in the desired position.

Adjusting the rear seat head restraint angle



You can only adjust the two outer head restraints.

- Using both hands, reach back and grasp the sides of the head restraint.
- Pull the lower edge of the head restraint forwards or back until it is in the desired position.

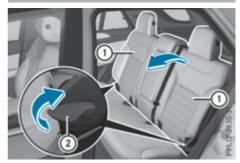
Removing and fitting the rear seat head restraints



- ► To remove: pull the head restraint up to the stop.
- ▶ Press release catch ① and pull the head restraint out of the guides.

- ► **To refit:** insert the head restraint so that the notches on the bar are on the left when viewed in the direction of travel.
- Push the head restraint down until you hear it engage in position.

Adjusting the rear seat backrests



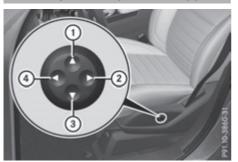
You can adjust the angle of the backrests in the second row of seats. There are several possible detent positions.

- Pull the left or right release lever ② upwards in the direction of the arrow until the relevant backrest ① is fully released.
- Pull backrest ① forwards in the direction of the arrow and allow it to engage.
- ► To ensure that the backrest has engaged, lean firmly against backrest ①.

Adjusting the multicontour seat

The multicontour seat can be adjusted via the multimedia system (see the separate operating instructions).

Adjusting the 4-way lumbar support



- To raise the backrest contour
- To soften the backrest contour
- ③ To lower the backrest contour
- ④ To harden the backrest contour

You can adjust the contour of the front seat backrests individually to provide optimum support for your back.

Switching the seat heating on/off

Switching on/off

▲ WARNING

If you repeatedly switch on seat heating, the seat cushion and backrest padding may become very hot. The health of vehicle occupants with limited temperature sensitivity or a limited ability to react to excessively high temperatures may be affected or they may even suffer burn-like injuries. There is a risk of injury.

Therefore, do not switch on the seat heating repeatedly.



Driver's and front-passenger seat





The three red indicator lamps in the button indicate the heating level you have selected.

The system automatically switches down from level **3** to level **2** after approximately eight minutes.

The system automatically switches from level **2** to level **1** after approximately ten minutes.

The system automatically switches off approximately 35 minutes after it is set to level **1**.

- ► Turn the key to position 1 or 2 in the ignition lock (▷ page 158).
- ► To switch on: press button ① repeatedly until the desired heating level is set.
- ► To switch off: press button ① repeatedly until all the indicator lamps go out.
- (1) If the battery voltage is too low, the seat heating may switch off.

Problems with the seat heating

Problem	Possible causes/consequences and ► Solutions
The seat heating has switched off prematurely or cannot be switched on.	 The on-board voltage is too low because too many electrical consumers are switched on. Switch off electrical consumers that you do not need, such as the rear window heating or interior lighting. Once the battery is sufficiently charged, the seat heating will switch back on automatically.

Switching the seat ventilation on/off

Switching on/off



The three blue indicator lamps in the buttons indicate the ventilation level you have selected.

- ► Turn the key to position 1 or 2 in the ignition lock (▷ page 158).
- ► To switch on: press button ① repeatedly until the desired ventilation level is set.
- ► To switch off: press button ① repeatedly until all the indicator lamps go out.
- **1** If the battery voltage is too low, the seat ventilation may switch off.
- You can open the side windows and the sliding sunroof using the "Convenience opening" feature (▷ page 99). The seat ventilation of the driver's seat automatically switches to the highest level.

Problems with the seat ventilation

Problem	Possible causes/consequences and ► Solutions
The seat ventilation has switched off prematurely or cannot be switched on.	 The on-board voltage is too low because too many electrical consumers are switched on. Switch off electrical consumers that you do not need, such as the rear window heating or interior lighting. Once the battery is sufficiently charged, the seat ventilation will switch back on automatically.

Steering wheel

Important safety notes

MARNING

You could lose control of the vehicle while driving if you:

- adjust the driver's seat, steering wheel or mirrors
- fasten the seat belt

There is a risk of an accident.

Adjust the driver's seat, head restraint, steering wheel and mirrors and fasten your seat belt before starting the engine.

Children could become trapped by the steering wheel if they adjust it. There is a risk of injury.

When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle.

The electrically adjustable steering wheel can still be adjusted when there is no key in the ignition lock.

Adjusting the steering wheel manually

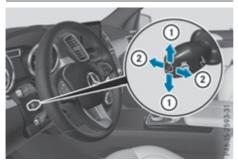
WARNING

The steering wheel may move unexpectedly if you adjust it while driving. This could cause you to lose control of the vehicle. There is a risk of an accident. Make sure that the steering wheel is locked before driving off. Never unlock the steering wheel when the vehicle is in motion.



- 1 Release lever
- (2) To adjust the steering wheel height
- ③ To adjust the steering wheel position (foreand-aft adjustment)
- Push release lever ① down completely. The steering column is unlocked.
- Adjust the steering wheel to the desired position.
- Push release lever ① up as far as it will go. The steering column is locked.
- Check if the steering column is locked. When doing so, try to push the steering wheel up or down or try to move it in the fore-and-aft direction.

Adjusting the steering wheel electrically



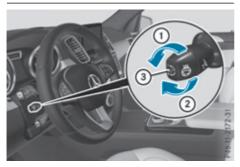
- (1) To adjust the steering wheel height
- To adjust the steering wheel position (foreand-aft adjustment)

The steering wheel can also be adjusted when the key is removed from the ignition lock.

- Further related subjects:
 - EASY-ENTRY/EXIT feature (▷ page 116)
 - Storing settings (▷ page 120)

Steering wheel heating

Switching on/off



- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- ► To switch on/off: turn the lever in the direction of arrow ① or ②. Indicator lamp ③ lights up or goes out.

Vehicles with KEYLESS-GO: when you switch off the ignition and open the driver's door, the steering wheel heating is switched off.

Vehicles without KEYLESS-GO: when you remove the key from the ignition lock, the steering wheel heating is switched off.

Problems with the steering wheel heating

Problem	Possible causes/consequences and ► Solutions
The steering wheel heat- ing has switched itself off prematurely or can- not be switched on.	 The on-board voltage is too low because too many electrical consumers are switched on. Switch off electrical consumers that you do not need, such as the rear window heating or interior lighting.

EASY-ENTRY/EXIT feature

Important safety notes

MARNING

When the EASY-ENTRY/EXIT feature adjusts the steering wheel, you and other vehicle occupants – particularly children – could become trapped. There is a risk of injury.

While the EASY-ENTRY/EXIT feature is making adjustments, make sure that no one has any body parts in the sweep of the steering wheel.

Move the steering wheel adjustment lever if there is a risk of entrapment by the steering wheel. The adjustment process is stopped.

Press one of the memory function position buttons. This function is only available on vehicles with a memory function.

MARNING

If children activate the EASY-ENTRY/EXIT feature, they can become trapped, particularly when unattended. There is a risk of injury.

When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle.

If you drive off while the EASY-ENTRY/EXIT feature is making adjustments, you could lose control of the vehicle. There is a risk of an accident.

Always wait until the adjustment process is complete before driving off.

The EASY-ENTRY/EXIT feature makes getting in and out of your vehicle easier.

You can activate and deactivate the EASY-ENTRY/EXIT feature in the on-board computer (> page 296).

Position of the steering wheel when the EASY-ENTRY/EXIT feature is active

The steering wheel tilts upwards if you:

- remove the key from the ignition lock
- open the driver's door and KEYLESS-GO is in position 1
- open the driver's door and the key is in position **0** or **1** in the ignition lock
- 1 The steering wheel only moves upwards if it has not already reached the upper stop.

Position of the steering wheel for driving

The steering wheel is moved to the previously set position if:

- the driver's door is closed and
- you insert the key into the ignition lock or
- you press the Start/Stop button once on vehicles with KEYLESS-GO

If you close the driver's door with the key inserted in the ignition lock, the steering wheel is automatically moved to the previously set position.

The last position of the steering column is stored when you:

- switch the ignition off
- save the setting with the memory function (▷ page 120).

Crash-responsive EASY-EXIT feature

If the crash-responsive EASY-EXIT feature is triggered in an accident, the steering column will move upwards when the driver's door is opened. This occurs irrespective of the position of the key in the ignition lock. This makes it easier to exit the vehicle and rescue the occupants.

The crash-responsive EASY-EXIT feature is only operational if the EASY-EXIT/ENTRY feature is activated in the on-board computer (> page 296).

Mirrors

Rear-view mirror



► Anti-dazzle mode: pivot anti-dazzle switch ① forwards or back.

Exterior mirrors

Adjusting the exterior mirrors

▲ WARNING

You could lose control of the vehicle while driving if you:

- adjust the driver's seat, steering wheel or mirrors
- fasten the seat belt

There is a risk of an accident.

Adjust the driver's seat, head restraint, steering wheel and mirrors and fasten your seat belt before starting the engine.

The exterior mirrors reduce the size of the image. Objects visible in the mirrors are closer than they appear. You could misjudge the distance from road users driving behind you when changing lanes, for instance. There is a risk of an accident.

You should therefore always look over your shoulder to determine the actual distance from road users driving behind you.



- ► Turn the key to position 1 or 2 in the ignition lock (▷ page 158).
- Press button ① for the left-hand exterior mirror or button ② for the right-hand exterior mirror.

The indicator lamp in the corresponding button lights up in red.

The indicator lamp goes out again after some time. You can adjust the selected mirror using adjustment button (3) as long as the indicator lamp is lit.

Press adjustment button ③ up, down, or to the left or right until you have adjusted the exterior mirror to the correct position. You should have a good overview of traffic conditions.

The convex exterior mirrors provide a larger field of vision.

The exterior mirrors are automatically heated if the rear window heating is switched on and the outside temperature is low.

Folding the exterior mirrors in/out electrically



- ► Turn the key to position 1 or 2 in the ignition lock (▷ page 158).
- Briefly press button ①.
 Both exterior mirrors fold in or out.
- Make sure that the exterior mirrors are always folded out fully while driving. They could otherwise vibrate.
- If you are driving faster than 47 km/h, you can no longer fold in the exterior mirrors.

Resetting the exterior mirrors

If the battery has been disconnected or completely discharged, the exterior mirrors must be reset. The exterior mirrors will otherwise not fold in when you select the "Fold in mirrors when locking" function in the on-board computer (\triangleright page 296).

- ► Turn the key to position 1 in the ignition lock (▷ page 158).
- ▶ Briefly press button ①.

Folding the exterior mirrors in/out automatically

If the "Fold in mirrors when locking" function is activated in the on-board computer (> page 296):

- the exterior mirrors fold in automatically as soon as you lock the vehicle from the outside
- the exterior mirrors fold out again automatically as soon as you unlock the vehicle and then open the driver's or front-passenger door

Exterior mirror pushed out of position

If an exterior mirror has been pushed out of position (forwards or backwards), proceed as follows:

- Vehicles without electrically folding exterior mirrors: manually move the exterior mirror into the correct position.
- Vehicles with electrically folding exterior mirrors: press and hold button for mirror folding ① until you hear a click and the mirror engages audibly in position. The mirror housing is engaged again and you

can adjust the exterior mirrors as usual (> page 117).

Automatic anti-dazzle mirrors

MARNING

Electrolyte may escape if the glass of an automatic anti-dazzle mirror breaks. Electrolyte is harmful and causes irritation. It must not come into contact with your skin, eyes, respiratory organs or clothing or be swallowed. There is a risk of injury.

If you come into contact with electrolyte, observe the following:

- immediately rinse off electrolyte from your skin with water.
- immediately and thoroughly rinse electrolyte out of eyes using clean water.
- if electrolyte is swallowed, immediately rinse out your mouth thoroughly. Do not induce vomiting.
- if electrolyte comes into contact with skin or eyes or is swallowed, seek medical attention immediately.
- immediately change out of clothing that has been in contact with electrolyte.
- if an allergic reaction occurs, seek medical attention immediately.

The rear-view mirror and the exterior mirror on the driver's side automatically go into anti-dazzle mode if the following conditions are met simultaneously:

- the ignition is switched on and
- incident light from headlamps strikes the sensor in the rear-view mirror

The mirrors do not dip if reverse gear is engaged or if the interior lighting is switched on.

Parking position of the exterior mirror on the front-passenger side

Setting and storing the parking position

You can set the front-passenger side exterior mirror so that you can see the rear wheel on that side as soon as you engage reverse gear. You can store this position.

Using reverse gear



- Button for the exterior mirror on the driver's side
- ② Button for the exterior mirror on the frontpassenger side
- ③ Adjustment button
- ④ Memory button M
- ▶ Bring the vehicle to a standstill.
- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- Press button (2) for the exterior mirror on the front-passenger side.

- Engage reverse gear. The exterior mirror on the front-passenger side moves to the preset parking position.
- Use adjustment button ③ to adjust the exterior mirror to a position that allows you to see the rear wheel and the kerb. The parking position is stored.
- 1 If you shift the transmission to another position, the exterior mirror on the frontpassenger side returns to the driving position.

Using the memory button

You can store the parking position of the exterior mirror on the front-passenger side using memory button \mathbf{M} (4). The reverse gear must not be engaged during the process.

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- Press button (2) for the exterior mirror on the front-passenger side.
- Use adjustment button (3) to adjust the exterior mirror to a position that allows you to see the rear wheel and the kerb.
- Press memory button M ④ and one of the arrows on adjustment button ③ within three seconds.

The parking position is stored if the exterior mirror does not move.

If the mirror moves out of position, repeat the steps.

Calling up a stored parking position

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- ► Adjust the exterior mirror on the frontpassenger side using button ②.
- Engage reverse gear. The exterior mirror on the front-passenger side moves to the stored parking position.

The exterior mirror on the front-passenger side moves back to its original position:

- as soon as you exceed a speed of 15 km/h
- if you press button ① for the exterior mirror on the driver's side

Memory function

Storing settings

MARNING

If you use the memory function on the driver's side while driving, the adjustments could cause you to lose control of the vehicle. There is a risk of an accident.

Only use the memory function on the driver's side while the vehicle is stationary.

When the memory function adjusts the seat or steering wheel, you and other vehicle occupants – particularly children – could become trapped. There is a risk of injury.

While the memory function is making adjustments, make sure that no one has any body parts in the sweep of the seat or steering wheel. If somebody becomes trapped, immediately release the memory function position button. The adjustment process is stopped.

If children activate the memory function, they could become trapped, especially if they are unattended. There is a risk of injury.

When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle.

The memory function can be used at any time, e.g. even when the key is not in the ignition lock. With the memory function, you can store up to three different settings, e.g. for three different people.

The following settings are stored as a single memory preset:

- position of the seat, backrest and head restraint
- driver's side: steering wheel position
- driver's side: position of the exterior mirrors on the driver's and front-passenger sides



- ► Adjust the seat (▷ page 109).
- On the driver's side, adjust the steering wheel (▷ page 115) and the exterior mirrors (▷ page 117).
- Press memory button M and then press a button for storage position 1, 2 or 3 within three seconds.

The settings are stored in the selected preset position. A tone sounds when the settings have been completed.

The memory function can still be used if the key has been removed.

Calling up a stored setting

Press the button for storage position 1, 2 or 3. Keep pressing until the seat, steering wheel and exterior mirrors are in the stored position.

The setting procedure is interrupted as soon as you release the buttons for the storage position.

Useful information

This Owner's Manual describes all models, series and optional equipment for your vehicle that were available at the time of going to press. National variations are possible. Note that your vehicle may not be equipped with all of the functions described. This is also the case for systems and functions relevant to safety.

 Read the information on qualified specialist workshops: (▷ page 28).

Exterior lighting

General notes

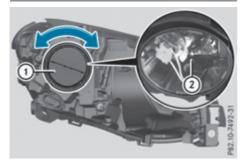
For reasons of safety, Mercedes-Benz recommends that you drive with the lights switched on even during the daytime. In some countries, operation of the headlamps varies due to legal requirements and self-imposed obligations.

Driving abroad

General notes

If your journey takes you to countries where vehicles are driven on the opposite side of the road to the country in which the vehicle is registered, your headlamps must be switched to symmetrical dipped beam as soon as possible after crossing the border. This prevents oncoming traffic from being dazzled. Symmetrical lights do not illuminate as large an area of the edge of the carriageway.

Vehicles with halogen headlamps



- ▶ Turn cap (1) anti-clockwise and remove it.
- ▶ Push switchover lever ② down.
- ▶ Replace cap ① and turn it clockwise.

Convert the headlamps back to asymmetrical dipped beam as soon as possible after returning across the border.

Vehicles with Intelligent Light System

Before crossing the border, set the headlamps to symmetrical dipped beam and after returning back to asymmetrical dipped beam via the "Dipped-beam headlamps for driving on the right/left" function in the on-board computer (> page 294).

If the headlamps are converted to symmetrical dipped beam, the "motorway mode" and "extended range foglamps" functions are not available.

Setting the exterior lighting

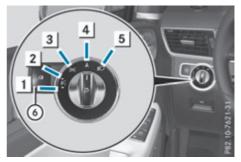
Setting options

Exterior lighting can be set by:

- · using the light switch
- headlamp range control (vehicles with halogen headlamps only) (▷ page 123)
- using the combination switch (▷ page 123)
- using the on-board computer (▷ page 293)

Light switch

Operation



- 1 →P ≤ Left-hand parking lamps
- 2 **P**≤→ Right-hand parking lamps
- 3 Side lamps, licence plate and instrument cluster lighting

Exterior lighting 122



5

4 Automatic headlamp mode, controlled by the light sensor

Dipped-beam/main-beam headlamps

⑥ ⁰≢ Rear fog lamp

If you hear a warning tone when you leave the vehicle, the lights may still be switched on.

► Turn the light switch to **AUTO**.

The exterior lighting (except the side lamps/ parking lamps) switches off automatically if you:

- · remove the key from the ignition lock
- open the driver's door with the key in position **0** in the ignition lock

Automatic headlamp mode

AUTO is the preferred light switch setting. The light setting is automatically selected according to the brightness of the ambient light (exception: poor visibility due to weather conditions such as fog, snow or spray):

- Key in position 1 in the ignition lock: the side lamps are switched on or off automatically depending on the brightness of the ambient light
- With the engine running: depending on the ambient light conditions, the daytime driving lights or the side lamps and dipped-beam headlamps are switched on or off automatically
- ▶ To switch on automatic headlamp mode: turn the light switch to **AUTO**.

WARNING

When the light switch is set to **AUTO**, the dipped-beam headlamps may not be switched on automatically if there is fog, snow or other causes of poor visibility due to the weather conditions such as spray. There is a risk of an accident.

In such situations, turn the light switch to ≣D.

The automatic headlamp feature is only an aid. The driver is responsible for the vehicle lighting at all times.

The daytime driving lights improve the detectability of your vehicle during the day.

When the side lamps and dipped-beam headlamps are switched on, the green $\exists 0 \notin]$ (side lamps) and () (dipped-beam headlamps)

indicator lamps in the instrument cluster light up.

Dipped-beam headlamps

When the ignition is switched on and the light switch is in the D position, the side lamps and dipped-beam headlamps are switched on even if the light sensor does not sense dark ambient light conditions. This is advantageous when there is fog or rain.

- ▶ To switch on the dipped-beam headlamps: turn the key in the ignition lock to position 2 or start the engine.
- ► Turn the light switch to S. The green ID indicator lamp in the instrument cluster lights up.

Rear fog lamp

The rear foglamp improves the visibility of your vehicle in heavy fog for the following traffic. Please observe the country-specific laws on the use of rear foglamps.

- **•** To switch on the rear foglamp: turn the key in the ignition lock to position 2 or start the engine.
- ► Turn the light switch to 🗊 or AUTO.
- ▶ Press the 01 button. The yellow 01 indicator lamp in the instrument cluster lights up.
- ► To switch off the rear foglamp: press the 0\$ button.

The yellow 01 indicator lamp in the instrument cluster goes out.

Side lamps

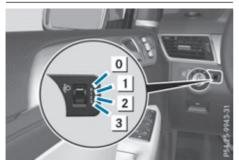
- If the battery has been excessively discharged, the side lamps or parking lamps are automatically switched off to enable the next engine start. Always park your vehicle safely and sufficiently lit according to legal standards. Avoid the continuous use of the E side lamps for several hours. If possible, switch on the $\mathbf{P} \in \mathbf{F}$ right or the $\mathbf{F} \in \mathbf{P}$ parking lamp.
- ▶ To switch on: turn the light switch to DOC. The green *Jost* indicator lamp in the instrument cluster lights up.

Parking lamps

Switches on the parking lamps ensures that the corresponding side of the vehicle is illuminated.

- ► To switch on the parking lamps: the key should not be in the ignition lock or it should be in position 0.
- ► Turn the light switch to -P≤ (left-hand side of the vehicle) or P≤+ (right-hand side of the vehicle).

Adjusting the headlamp range (halogen headlamps)



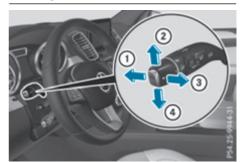
- Driver's seat and front-passenger seat occupied
- 1 Driver's seat, front-passenger seat and rear seats occupied
- 2 Driver's seat, front-passenger seat and rear seats occupied and maximum permissible rear axle load utilised when the vehicle is laden
- 3 Driver's seat occupied and maximum permissible rear axle load utilised when the vehicle is laden

The headlamp range control allows you to adjust the cone of light from the headlamps to suit the vehicle load.

- ▶ Start the engine.
- Turn the headlamp range control to the position which corresponds to the load in your vehicle.

Combination switch

Turn signals



- ① Main-beam headlamps
- Turn signal, right
- ③ Headlamp flasher
- ④ Turn signal, left
- To indicate briefly: press the combination switch briefly to the pressure point in the direction of arrow (2) or (4). The corresponding turn signal flashes three times.
- ▶ To indicate: press the combination switch beyond the pressure point in the direction of arrow ② or ④.

Main-beam headlamps

- To switch on manually: turn the key to position 2 in the ignition lock or start the engine.
- ► Vehicles without Adaptive Highbeam Assist Plus: turn the light switch to **D** or **AUTO**.
- ► Vehicles with Adaptive Highbeam Assist Plus: turn the light switch to 🗊.
- Press the combination switch beyond the pressure point in the direction of arrow (1). In the **Auto** position, the main-beam head-lamps are only switched on when it is dark and the engine is running.

The blue **ED** indicator lamp in the instrument cluster lights up when the main-beam headlamps are switched on.

Vehicles with Adaptive Highbeam Assist

Plus: if Adaptive Highbeam Assist Plus is activated, it automatically controls activation and

deactivation of the main-beam headlamps (\triangleright page 126).

Headlamp flasher

- ► To switch on: turn the key in the ignition lock to position 1 or 2, or start the engine.
- Pull the combination switch in the direction of arrow (3).

Hazard warning lamps



► To switch on the hazard warning lamps: press button ①.

All turn signals flash. If you now switch on a turn signal using the combination switch, only the turn signal lamp on the corresponding side of the vehicle will flash.

► To switch off the hazard warning lamps: press button ①.

The hazard warning lamps switch on automatically if:

- · an airbag is deployed or
- the vehicle decelerates rapidly from a speed of above 70 km/h and comes to a standstill

The hazard warning lamps switch off automatically if the vehicle reaches a speed of above 10 km/h again after a full brake application.

1 The hazard warning lamps continue to operate even if the ignition is switched off.

Intelligent Light System

General notes

The Intelligent Light System is a system that adjusts the headlamps automatically to suit the prevailing driving and weather conditions. It

offers advanced functions for improved illumination of the road surface, e.g. depending on the vehicle speed or weather conditions. The system includes the active light function, cornering light function, motorway mode and extended range foglamps. The system is only active when it is dark.

You can activate or deactivate the "Intelligent Light System" function using the on-board computer (▷ page 294).

Active light function



The active light function is a system that moves the headlamps according to the steering movements of the front wheels. In this way, relevant areas remain illuminated while you are driving. This allows you to recognise pedestrians, cyclists and animals.

Active: when the lights are switched on.

Vehicles with Lane Keeping Assist: the active light function evaluates the course of the lane in which you are driving and adjusts the light in advance.

Cornering light function



The cornering light function improves the illumination of the road over a wide angle in the direction you are turning, enabling better visibility in tight bends, for example. It can only be activated when the dipped-beam headlamps are switched on.

Active:

- if you are driving at speeds below 40 km/h and switch on the turn signal or turn the steering wheel.
- if you are driving at speeds between 40 km/h and 70 km/h and turn the steering wheel.

The cornering light function may remain lit for a short time, but is automatically switched off after no more than three minutes.

Cornering light function with roundabout function:

The cornering light function is activated on both sides before entering a roundabout through an evaluation of the current GPS position of the vehicle. It remains active until after the vehicle has left the roundabout. In this way, pedestrians crossing the road, for example, are illuminated by your vehicle in good time.

Motorway mode

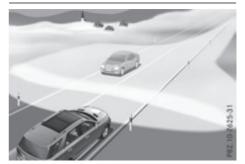


Motorway mode increases the range of the beam.

Active: if you are driving at a speed above 110 km/h and do not make any large steering movements for at least 1,000 m or if you are driving at a speed above 130 km/h.

Not active: if you are driving at speeds below 80 km/h following activation.

Extended range foglamps



The extended range foglamps reduce the glare experienced by the driver and improve the illumination of the edge of the carriageway. **Active:** if you are driving at speeds below

70 km/h and you switch on the rear foglamp. **Not active:** if, following activation, you are driving at speeds above 100 km/h or if you switch off the rear foglamp.

Off-road lights

The off-road lights facilitate the early recognition of objects/obstacles when driving off-road thanks to a symmetrical, wider and brighter distribution of light from the dipped-beam headlamps.

Active: when driving at speeds no faster than 50 km/h and the off-road program selector wheel is in position 1 or 2.

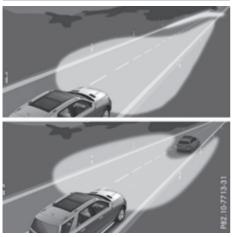
Not active: when driving at speeds above 50 km/h.

When the off-road lights are switched on, the cornering light function is permanently activated, the active light function is deactivated and the headlamp range control is set to static mode.

126 Exterior lighting

Adaptive Highbeam Assist Plus

General notes



With Adaptive Highbeam Assist Plus, you can automatically switch between dipped-beam, partial main-beam and main-beam headlamps. Partial main-beam illumination is a form of illumination whereby the main beam is directed past other road users. Other road users are kept out of the main-beam. This prevents glare. If there is a vehicle in front, for example, the mainbeam headlamps illuminate the areas to its right and left, and the vehicle in front is illuminated by the dipped-beam headlamps.

The system automatically adapts the dippedbeam headlamp range depending on the distance to the other vehicle. Once the system no longer detects any other vehicles, it switches on the main-beam headlamps again.

If the main-beam or partial main-beam headlamps are causing too much reflection from traffic signs, the lights are automatically dimmed and glare for the driver caused by the reflections is thus avoided.

The system's optical sensor is located behind the windscreen near the overhead control panel.

Vehicles with drive program **S**+ (Sport Plus): the speed at which Adaptive Highbeam Assist Plus switches between full beam and dipped beam is increased when the drive program is activated.

Important safety notes

MARNING

Adaptive Highbeam Assist Plus does not recognise road users:

- who have no lights, e.g. pedestrians
- who have poor lighting, e.g. cyclists
- whose lighting is blocked, e.g. by a barrier

In very rare cases, Adaptive Highbeam Assist Plus may not recognise road users who do have lights, or may recognise them too late. In this, or in similar situations, the automatic main-beam headlamps will not be deactivated or will be activated despite the presence of other road users. There is a risk of an accident.

Always carefully observe the traffic conditions and switch off the main-beam headlamps in good time.

Adaptive Highbeam Assist Plus cannot take into account road, weather or traffic conditions. Adaptive Highbeam Assist Plus is only an aid. You are responsible for adjusting the vehicle's lighting to the prevailing light, visibility and traffic conditions.

In particular, the detection of obstacles can be restricted if there is:

- poor visibility, e.g. due to fog, heavy rain or snow
- dirt on the sensors or if the sensors are obscured

Switching Adaptive Highbeam Assist Plus on/off

- **To switch on:** turn the light switch to **AUTO**.
- Press the combination switch beyond the pressure point in the direction of arrow ①. The
 Indicator lamp in the multifunction display lights up when it is dark and the light sensor switches on the dipped-beam head-lamps.

At speeds above approx. 25 km/h: the headlamp range is automatically controlled according to the distance to other road users.

At speeds above approx. 30 km/h:

- If no other road users are detected, the main-beam headlamps are automatically switched on.
- If other road users are detected, the partial main-beam headlamps are automatically switched on.

The **ID** indicator lamp in the instrument cluster also lights up.

At speeds below approx. 25 km/h or when there is sufficient street lighting:

- The partial main-beam headlamps are switched off automatically.
- The main-beam headlamps are switched off automatically.

The \fbox indicator lamp in the instrument cluster goes out. The \fbox indicator lamp in the multifunction display remains lit.

► To switch off: move the combination switch back to its normal position or move the light switch to another position.

The *indicator* lamp in the multifunction display goes out.

Headlamps misted up on the inside

Under certain climatic and physical conditions, moisture may form in the headlamp. This moisture will not impair the function of the headlamp.

Interior lighting

Overview of interior lighting



Overhead control panel

- M Switches the left-hand front reading lamp on/off
- ② 🔄 Switches the front interior lighting on

- ③ ⑤ Switches the rear interior lighting on/ off
- Switches the front interior lighting/ automatic interior lighting control off
- Switches the right-hand front reading lamp on/off
- Switches the automatic interior lighting control on

Interior lighting control

General notes

In order to prevent the vehicle's battery from discharging, the interior lighting functions are automatically deactivated after some time except for when the key is in position **2** in the ignition lock.

The colour and brightness for the ambient lighting may be set via the multimedia system (see the separate operating instructions).

Automatic interior lighting control

- To switch on: set the switch to centre position 6.
- ▶ To switch off: set the switch to the mean position.

The interior lighting automatically switches on if you:

- unlock the vehicle
- open a door
- remove the key from the ignition lock

The interior lighting is activated for a short time when the key is removed from the ignition lock. This delayed switch-off can be adjusted via the multimedia system (see the separate operating instructions).

Manual interior lighting control

- ► To switch the front interior lighting on: set the switch to the _____ position.
- ► To switch off the interior lighting: set the switch to the and position or (if the door is closed) to the centre position.
- ► To switch the rear interior lighting on/off: press the button.
- ▶ To switch the reading lamps on/off: press the 🚡 button.

Crash-responsive emergency lighting

The interior lighting is activated automatically if the vehicle is involved in an accident.

► To switch off the crash-responsive emergency lighting: press the hazard warning lamp button.

or

 Lock and then unlock the vehicle using the key.

Replacing bulbs (vehicles with LED headlamps)

The front and rear light clusters of your vehicle are equipped with LED light bulbs. Do not replace the bulbs yourself. Contact a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required.

Lamps are an important aspect of vehicle safety. You must therefore make sure that these function correctly at all times. Have the headlamp setting checked regularly.

Replacing bulbs (vehicles with halogen headlamps)

Important safety notes

▲ WARNING

Bulbs, lamps and plug connectors can become very hot during use. When replacing a bulb, you could burn yourself on these components. There is a risk of injury.

Allow these components to cool down before replacing the bulb.

Do not use a bulb that has been dropped or if its glass tube has been scratched.

The bulb may explode if:

- you touch it
- it is hot
- you drop it
- you scratch it

Only operate bulbs in enclosed lamps designed for that purpose. Only fit spare bulbs of the same type and the specified voltage. Marks on the glass tube reduce the service life of the bulbs. Do not touch the glass tube with your bare hands. If necessary, clean the glass tube when cold with alcohol or spirit and rub it off with a lint-free cloth.

Protect bulbs from moisture during operation. Do not allow bulbs to come into contact with liquids.

Only replace the bulbs listed (\triangleright page 128). Have the bulbs that you cannot replace yourself replaced at a qualified specialist workshop.

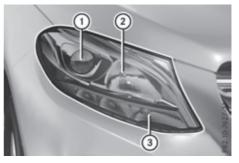
If you require assistance replacing bulbs, consult a qualified specialist workshop.

If the new bulb still does not light up, consult a qualified specialist workshop.

Headlamps and lights are an important aspect of vehicle safety. You must therefore make sure that these function correctly at all times. Have the headlamp setting checked regularly.

Overview of bulb replacement - bulbs

You can replace the following bulbs. The details for the bulb type can be found in the legend.



Halogen headlamps

- ① Dipped-beam headlamp: H7 55 W
- ② Main-beam headlamp: H7 55 W
- ③ Turn signal: W 5 W BV

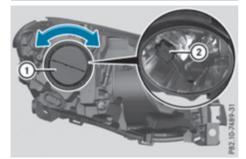
Fitting/removing the cover on the front wheel arch



You must remove the cover from the front wheel housing before you can change the front bulbs.

- ► To remove: switch off the lights.
- ► Turn the front wheels inwards.
- ▶ Remove securing pin ② using a suitable tool.
- ▶ Slide cover ① up and remove it.
- ► To fit: insert cover ① again and slide it down until it engages.
- ▶ Insert securing pin ②.

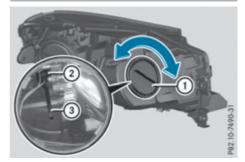
Dipped-beam headlamps



- ▶ Remove the cover in the front wheel arch (▷ page 129).
- ► Turn housing cover ① anti-clockwise and remove it.
- Turn bulb holder ② anti-clockwise and pull out.
- ▶ Pull the bulb out of bulb holder ②.
- ▶ Insert the new bulb into bulb holder ②.
- ▶ Insert bulb holder ② and turn it clockwise.

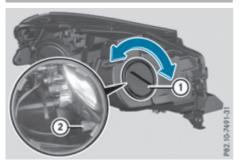
- Press on housing cover ① and turn it to the right.
- ▶ Replace the cover in the front wheel arch (▷ page 129).

Main-beam headlamps



- ▶ Switch off the lights.
- ▶ Open the bonnet.
- ► Turn housing cover ① anti-clockwise and remove it.
- Pull lever ③ upwards (headlamp on the lefthand side when viewed in the direction of travel) or downwards (headlamp on the righthand side when viewed in the direction of travel) and remove bulb holder ②.
- ▶ Pull the bulb out of bulb holder ②.
- ▶ Insert the new bulb into bulb holder ②.
- Simultaneously press bulb holder ② and pull lever ③ downwards (headlamp on the lefthand side when viewed in the direction of travel) or upwards (headlamp on the righthand side when viewed in the direction of travel).
- Press on housing cover ① and turn it to the right.

Turn signals



- Switch off the lights.
- Open the bonnet.
- ► Turn housing cover ① anti-clockwise and remove it.
- Turn bulb holder (2) anti-clockwise and pull out.
- ▶ Pull the bulb out of bulb holder ②.
- ▶ Insert the new bulb into bulb holder ②.
- ▶ Insert bulb holder ② and turn it clockwise.
- Press on housing cover ① and turn it to the right.

Windscreen wipers

Switching the windscreen wipers on/ off

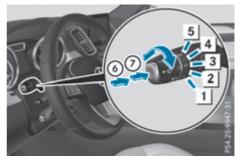
Do not operate the windscreen wipers when the windscreen is dry, as this could damage the wiper blades. Moreover, dust that has collected on the windscreen can scratch the glass if wiping takes place when the windscreen is dry.

If it is necessary to switch on the windscreen wipers in dry weather conditions, always operate them using washer fluid.

If the windscreen wipers leave smears on the windscreen after the vehicle has been washed in an automatic car wash, this may be due to wax or other residue. Clean the windscreen with washer fluid after an automatic car wash.

Intermittent wiping with rain sensor: due to optical influences and the windscreen becoming dirty in dry weather conditions, the windscreen wipers may be activated inadvertently. This could damage the windscreen wiper blades or scratch the windscreen.

For this reason, you should always switch off the windscreen wipers in dry weather.



Combination switch

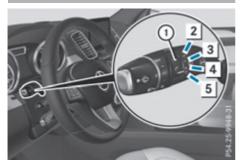
- 1 0 Windscreen wipers off
- 2 ••• Intermittent wipe, low (rain sensor set to low sensitivity)
- 3 ••••• Intermittent wipe, high (rain sensor set to high sensitivity)
- 4 Continuous wipe, slow
- 5 Continuous wipe, fast
- ⑥ ♥ Single wipe
- Ø Wipes with washer fluid
- ► Turn the key to position 1 or 2 in the ignition lock (▷ page 158).
- Turn the combination switch to the corresponding position.

In the ••• or •••• position, the appropriate wiping frequency is set automatically according to the intensity of the rain. In the •••• position, the rain sensor is more sensitive than in the ••• position, causing the windscreen wiper to wipe more frequently.

Vehicles with MAGIC VISION CONTROL: the washer fluid is fed through the wiper blades and when wiping with washer fluid 😨 the washer fluid is emitted directly from the blades.

If the wiper blades are worn, the windscreen will no longer be wiped properly. This could mean you are unable to observe the traffic conditions.

Switching the rear window wiper on/ off



Combination switch

- 1 Rear window wiper switch
- 2 Wipes with washer fluid
- 3 | Switches on intermittent wiping
- **0** Switches off intermittent wiping
- 5 Wipes with washer fluid
- ► Turn the key to position 1 or 2 in the ignition lock (▷ page 158).
- Turn switch (1) on the combination switch to the corresponding position. When the rear window wiper is switched on,

the icon appears in the instrument cluster.

Replacing the wiper blades

Important safety notes

If the windscreen wipers begin to move while you are changing the wiper blades, you can be trapped by the wiper arm. There is a risk of injury.

Always switch off the windscreen wipers and ignition before changing the wiper blades.

- To avoid damaging the windscreen wiper blades, make sure that you touch only the wiper arm of the windscreen wiper.
- Never open the bonnet/tailgate if a wiper arm is folded away from the windscreen/rear window.

Never fold a windscreen wiper arm without a wiper blade back onto the windscreen/rear window.

Hold the windscreen wiper arm firmly when you change the wiper blade. If you release the wiper arm without a wiper blade and it falls onto the windscreen/rear window, the windscreen/rear window may be damaged by the force of the impact.

Mercedes-Benz recommends that you have the wiper blades changed at a qualified specialist workshop.

Replacing the windscreen wiper blades

Moving the wiper blades to a vertical position

On vehicles without KEYLESS-GO:

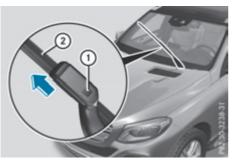
- ► Turn the key to position 0 in the ignition lock (▷ page 158).
- Set the windscreen wipers to position ____.
- ► Turn the key to position 1 in the ignition lock (▷ page 158).
- As soon as the wiper arms are vertical to the bonnet, turn the key to position **0** in the ignition lock (▷ page 158).
- Remove the key.
- Fold the wiper arms away from the windscreen until you feel them snap into place.

On vehicles with KEYLESS-GO:

- ▶ Switch off the engine.
- Remove your foot from the brake pedal.
- Set the windscreen wipers to position ____.
- Press the Start/Stop button repeatedly until the windscreen wipers start.
- When the wiper arms have reached the vertical position, press the Start/Stop button repeatedly until the windscreen wipers stop.
- Fold the wiper arms away from the windscreen until you feel them snap into place.

Removing the wiper blades

- Remove the key from the ignition lock.
- ▶ Fold the wiper arm away from the windscreen.



► Firmly press release knob ① and pull wiper blade ② upwards from the wiper arm in the direction of the arrow.

Fitting the wiper blades



Position new wiper blade 1 in the retainer on the wiper arm and slide it into place in the direction of the arrow. The wiper blade audibly opgages

The wiper blade audibly engages.

- Make sure that the wiper blade sits correctly.
- ► Fold the wiper arm back onto the windscreen.

Replacing the wiper blades (MAGIC VISION CONTROL)

Moving the wiper blades to a vertical position

On vehicles without KEYLESS-GO:

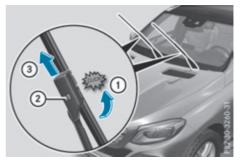
- ► Turn the key to position **0** in the ignition lock (▷ page 158).
- ► Set the windscreen wipers to position ____.
- ► Turn the key to position 1 in the ignition lock (▷ page 158).
- ► As soon as the wiper arms are vertical to the bonnet, turn the key to position **0** in the ignition lock (> page 158).

- Remove the key.
- Fold the wiper arms away from the windscreen until you feel them snap into place.

On vehicles with KEYLESS-GO:

- Switch off the engine.
- Remove your foot from the brake pedal.
- Set the windscreen wipers to position ____.
- Press the Start/Stop button repeatedly until the windscreen wipers start.
- When the wiper arms have reached the vertical position, press the Start/Stop button repeatedly until the windscreen wipers stop.
- ► Fold the wiper arms away from the windscreen until you feel them snap into place.

Removing the wiper blades



► To bring the wiper blade into position to be removed: hold the wiper arm firmly with one hand. With the other hand, turn the wiper blade in the direction of arrow ① beyond the point of resistance.

The wiper blade engages in the removal position with an audible click.

► To remove a wiper blade: firmly press release knob ② and pull the wiper blade upwards ③.

Fitting the wiper blades



- Push the new wiper blade in the direction of arrow (1) onto the wiper arm until lug (2) engages.
- Push the wiper blade out of the removal position in the direction of arrow (3) beyond the point of resistance.

The wiper blade disengages with an audible click and is freely movable again.

- ▶ Make sure that the wiper blade sits correctly.
- ► Fold the wiper arm back onto the windscreen.

Replacing the rear window wiper blade

Removing the wiper blades



- ▶ Remove the key from the ignition lock.
- ► Fold wiper arm ① away from the rear window until it engages.
- ▶ Position wiper blade ② at a right angle to wiper arm ①.
- Hold wiper arm (1) and press wiper blade (2) in the direction of the arrow until it releases.
- ▶ Remove wiper blade ②.

Fitting a wiper blade

- ▶ Place new wiper blade ② onto wiper arm ①.
- Hold wiper arm (1) and press wiper blade (2) in the opposite direction to the arrow until it engages.
- ► Make sure that wiper blade ② is seated correctly.
- Position wiper blade (2) parallel to wiper arm (1).
- ▶ Fold wiper arm ① back onto the rear window.

Problems with the windscreen wipers		ndscreen wipers
	Problem	Possible causes/consequences and ► Solutions
	The windscreen wipers are jammed.	 Leaves or snow, for example, may be obstructing the windscreen wiper movement. The wiper motor has been deactivated. For safety reasons, you should remove the key from the ignition lock. or Switch off the engine using the Start/Stop button and open the driver's door. Remove the cause of the obstruction. Switch the windscreen wipers back on.
	The windscreen wipers fail completely.	 The windscreen wiper drive is malfunctioning. Select another wiper speed on the combination switch. Have the windscreen wipers checked at a qualified specialist workshop.

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Useful information

This Owner's Manual describes all models, series and optional equipment for your vehicle that were available at the time of going to press. National variations are possible. Note that your vehicle may not be equipped with all of the functions described. This is also the case for systems and functions relevant to safety.

 Read the information on qualified specialist workshops: (▷ page 28).

Overview of climate control systems

General notes

Observe the settings recommended on the following pages. The windows could otherwise mist up.

To prevent the windows from misting up:

- · switch off climate control only briefly
- activate air-recirculation mode only briefly
- switch on "Cooling with air dehumidification"
- activate the windscreen demisting function briefly, if required

Climate control regulates the temperature and the humidity in the vehicle interior and filters undesirable substances out of the air.

For vehicles with a combustion engine, the "Cooling with air dehumidification" function is only available when the engine is running. For hybrid vehicles, the "Cooling with air dehumidification" function is also available via the electric refrigerant compressor when the engine is not running. Optimum climate control is only achieved with the side windows and roof closed.

The "Residual heat" function can only be activated or deactivated with the ignition switched off (\triangleright page 146).

● Ventilate the vehicle for a brief period during warm weather, e.g. using the "Convenience opening" feature (▷ page 99).

This will speed up the cooling process and the desired interior temperature will be reached more quickly.

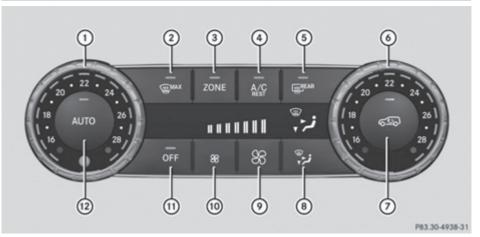
The integrated filter filters out most particles of dust and soot and completely filters out pollen. It also reduces gaseous pollutants and odours. A clogged filter reduces the

amount of air supplied to the vehicle interior. For this reason, you should always observe the interval for replacing the filter, which is specified in the Service Booklet. As this depends on environmental conditions, e.g. heavy air pollution, the interval may be shorter than stated in the Service Booklet.

() Vehicles with AIR-BALANCE package: in addition to ionisation, the vehicle has an air filter with anti-allergenic properties that contribute to improved air filtration.

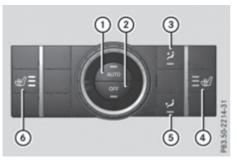
(1) Under certain environmental conditions, the residual heat function may be activated automatically an hour after the key has been removed in order to dry the automatic climate control. The vehicle is then ventilated for 30 minutes.

Control panel for THERMATIC automatic climate control (2-zone)



Front control panel

- (1) To set the temperature, left (\triangleright page 141)
- ② To demist the windscreen (▷ page 143)
- ③ To switch the ZONE function on/off (▷ page 143)
- ④ To activate/deactivate cooling with air dehumidification (▷ page 139) To switch the residual heat on/off (▷ page 146)
- (5) To switch the rear window heating on/off (\triangleright page 144)
- ⑥ To set the temperature, right (▷ page 141)
- ⑦ To switch air-recirculation mode on/off (▷ page 145)
- ⑧ To set the air distribution (▷ page 142)
- To increase the airflow (▷ page 142)
- (10) To reduce the airflow (\triangleright page 142)
- (1) To switch the climate control on/off (\triangleright page 139)
- (2) To set climate control to automatic mode (> page 141)



Rear control panel

- ① To control the rear-compartment climate control automatically
- To switch the rear climate control on/off
- ③ To direct the airflow through the rear air vents
- ④ To switch the seat heating on the right-hand side on/off

- 5 To direct the airflow through the footwell vents
- 6 To switch the seat heating on the left-hand side on/off

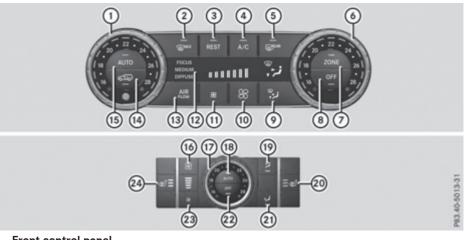
Information on using THERMATIC automatic climate control

The following contains notes and recommendations on optimum use of THERMATIC automatic climate control.

- Activate climate control using the $\overline{\text{Auro}}$ and $\frac{Auro}{\frac{k}{k+r}}$ buttons. The indicator lamps in the $\overline{\text{Auro}}$ and $\frac{Auro}{\frac{k}{k+r}}$ buttons light up.
- Set the temperature to 22 °C.
- Only use the "Windscreen demisting" function briefly until the windscreen is clear again.
- Only use air-recirculation mode briefly, e.g. if there are unpleasant outside odours or when in a tunnel. The windows could otherwise mist up as no fresh air is drawn into the vehicle in air-recirculation mode.
- Use the ZONE function to adopt the temperature settings on the driver's side for the front-passenger side as well. The indicator lamp above the zwe button goes out.
- If you change the settings of the climate control system, the climate status display appears for approximately three seconds at the bottom of the screen in the multimedia system display. You will see the current settings of the various climate control functions.

During automatic engine switch-off, the climate control only operates at a reduced capacity. If you require the full climate control output, you can switch off the ECO start/stop function by pressing the ECO button (\triangleright page 163).

Control panel for THERMOTRONIC automatic climate control (3-zone)



Front control panel

- (1) To set the temperature, left (\triangleright page 141)
- ② To demist the windscreen (▷ page 143)
- ③ To switch the residual heat on/off (\triangleright page 146)
- ④ To activate/deactivate cooling with air dehumidification (▷ page 139)
- (5) To switch the rear window heating on/off (\triangleright page 144)
- ⑥ To set the temperature, right (▷ page 141)
- ⑦ To switch the ZONE function on/off (▷ page 143)
- ⑧ To switch the climate control on/off (▷ page 139)
- (9) To set the air distribution (\triangleright page 142)
- (1) To increase the airflow (\triangleright page 142)
- (1) To reduce the airflow (\triangleright page 142)
- Display
- (3) To set the climate mode (▷ page 141)
- (④ To switch air-recirculation mode on/off (▷ page 145)
- (ⓑ) To set climate control to automatic mode (▷ page 141)

Rear control panel

- 1 To increase the airflow (\triangleright page 142)
- (7) To set the temperature (\triangleright page 141)
- (B) To control the rear-compartment climate control automatically (▷ page 141)
- (9) To direct the airflow through the rear air vents (\triangleright page 142)
- 20 To switch the seat heating on the right-hand side on/off (\triangleright page 112)
- (2) To direct the airflow through the footwell vents (\triangleright page 142)
- ② To switch the rear climate control on/off (\triangleright page 139)
- (2) To reduce the airflow (\triangleright page 142)
- 2 To switch the seat heating on the left-hand side on/off (\triangleright page 112)

Climate control

Information on using THERMOTRONIC automatic climate control

The following contains instructions and recommendations to enable you to get the most out of your THERMOTRONIC automatic climate control.

- Activate climate control using the Auto and A/C buttons. The indicator lamps above the Auto and A/C buttons light up.
- In automatic mode, you can also use the AR button to set a climate mode (FOCUS/ MEDIUM/DIFFUSE). The MEDIUM level is recommended.
- Set the temperature to 22 °C.
- Only use the "Windscreen demisting" function briefly until the windscreen is clear again.
- Only use air-recirculation mode briefly, e.g. if there are unpleasant outside odours or when in a tunnel. The windows could otherwise mist up as no fresh air is drawn into the vehicle in air-recirculation mode.
- Use the ZONE function to adopt the temperature settings on the driver's side for the front-passenger side and the rear compartment as well. The indicator lamp above the zone button goes out.
- Use the residual heat function if you want to heat or ventilate the vehicle interior when the ignition is switched off. The residual heat function can only be activated or deactivated with the ignition switched off.
- If you change the settings of the climate control system, the climate status display appears for approximately three seconds at the bottom of the screen in the multimedia system display. You will see the current settings of the various climate control functions.

During automatic engine switch-off, the climate control only operates at a reduced capacity. If you require the full climate control output, you can switch off the ECO start/stop function by pressing the ECO button (\triangleright page 163).

Operating the climate control system

Switching the climate control on/off

General notes

When the climate control is switched off, the air supply and air circulation are also switched off. The windows could mist up. Therefore, only switch off climate control briefly.

() Switch on climate control primarily using the **AUTO** button (▷ page 141).

In the rear-compartment, you can also switch climate control on/off using the **AUTO** and **OFF** buttons.

Activating/deactivating

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- ► To activate: press the Auro button. The indicator lamp in the Auro button lights up. Airflow and air distribution are set to automatic mode.

or

- Press the OFF button. The indicator lamp in the OFF button goes out. The previous settings are reactivated.
- ► To deactivate: press the OFF button. The indicator lamp in the OFF button lights up.

Activating/deactivating cooling with air dehumidification

General notes

If you deactivate the "Cooling with air dehumidification" function, the air inside the vehicle will not be cooled. The air inside the vehicle will also not be dehumidified. The windows can mist up more quickly. Therefore, only deactivate the "Cooling with air dehumidification" function briefly.

The "Cooling with air dehumidification" function is only available when the engine is running. The air inside the vehicle is cooled and dehumidified according to the temperature selected.

Condensation may drip from the underside of the vehicle when cooling mode is active. This is normal and not a sign that there is a malfunction.

Activating/deactivating

- ► To activate: press the A/C or A/C button. The indicator lamp in the A/C or A/C button lights up.
- ► To deactivate: press the A/C or A/C button.

The indicator lamp in the $\frac{A/C}{Mer}$ or $\frac{A/C}{Mer}$ button goes out. The cooling with air dehumidification function has a delayed switch-off feature.

Problems with the "Cooling with air dehumidification" function

Problem	Possible causes/consequences and ► Solutions
The indicator lamp in the $\boxed{A/C}$ or $\boxed{A/C}$ button flashes three times or remains off. The cooling with air dehumidification function cannot be acti-	The cooling with air dehumidification function has been deactivated due to a malfunction.Consult a qualified specialist workshop.

Setting climate control to automatic mode

General notes

vated.

In automatic mode, the set temperature is maintained automatically at a constant level. The system automatically regulates the temperature of the dispensed air, the airflow and the air distribution.

The "Cooling with air dehumidification" function is activated automatically in automatic mode.

In the rear compartment, you can also switch climate control for the rear seats to automatic mode using the Auto button.

Automatic control

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- ▶ Set the desired temperature.
- ► To activate: press the Auto button. The indicator lamp in the Auto button lights up. Automatic air distribution and airflow are activated.
- ► To switch to manual mode: press the juice button.
- or
- Press the end of the button. The indicator lamp in the source button goes out.

THERMOTRONIC automatic climate control:

when automatic mode is activated, you can select a climate mode (\triangleright page 141).

Setting the climate mode

In automatic mode you can select the following climate modes:

FOCUS high airflow, slightly cooler setting MEDIUM medium airflow, standard setting DIFFUSE low airflow, slightly warmer and draught-free setting

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- ▶ Press the **AUTO** button.
- Press the AR button repeatedly until the desired climate mode appears in the display.

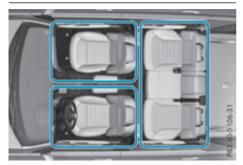
Setting the temperature

THERMATIC automatic climate control

Different temperatures can be set for the driver's and front-passenger sides.

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- ► To increase or decrease: turn control ① or ③ anti-clockwise or clockwise (▷ page 136). Only change the temperature setting in small increments. Start at 22 °C.

THERMOTRONIC automatic climate control



THERMOTRONIC automatic climate control zones

You can select different temperature settings for the driver's and front-passenger sides as well as for the rear compartment.

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- ► To increase or decrease temperature in the front compartment: turn control ① or ④ anti-clockwise or clockwise (▷ page 138). Only change the temperature setting in small increments. Start at 22 °C.
- ► To increase or reduce the temperature in the rear compartment using the front control panel: press the ______ button. The indicator lamp in the ______ button goes out.

The temperature setting for the driver's side is adopted for the rear compartment and the front-passenger side.

► Turn control ① anti-clockwise or clockwise (▷ page 138).

Only change the temperature setting in small increments. Start at 22 $^\circ\!\mathrm{C}.$

► To increase or decrease the rear compartment temperature using the rear control panel: turn control ⑦ anti-clockwise or clockwise on the rear control panel (▷ page 138).

Only change the temperature setting in small increments. Start at 22 $^\circ\!\mathrm{C}.$

Setting the air distribution

Air distribution settings

Front control panel

- Directs the airflow through the centre vents
- Directs the airflow through the footwell air vents
- Directs the airflow through the centre and footwell vents
- Directs the airflow through the demister vents
- Directs the airflow through the demister and centre vents
- Directs the airflow through the footwell and demister vents
- Directs the airflow through the demister, centre and footwell air vents

Rear control panel

- Directs the airflow through the centre and side air vents in the rear
- **J** Directs the airflow through the footwell air vents
- Using the rear control panel, you can also activate both air distribution positions simultaneously. In order to do this, press both air distribution buttons. The air is then routed through all rear air vents.
- Regardless of the air distribution setting, airflow is always directed through the side air vents. The side air vents can only be closed when the controls on the side air vents are turned downwards.

Setting

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- Press the just button repeatedly until the desired symbol appears in the display.

Setting the airflow

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- ▶ To increase: press the 🛞 button.
- ▶ To reduce: press the 🛞 button.

 You can use THERMOTRONIC automatic climate control to set the airflow in the rear compartment separately.

Switching the ZONE function on/off

► **To activate:** press the zone button. The indicator lamp above the zone button lights up.

THERMATIC automatic climate control: the temperature setting for the driver's side is not adopted for the front-passenger side.

THERMOTRONIC automatic climate control: the temperature setting for the driver's side is not adopted for the front-passenger side and the rear compartment.

► To deactivate: press the zowe button. The indicator lamp above the zowe button goes out.

THERMATIC automatic climate control: the temperature setting for the driver's side is adopted for the front-passenger side.

THERMOTRONIC automatic climate control: the temperature setting for the driver's side is adopted for the front-passenger side and the rear compartment.

Demisting the windscreen

General notes

You can use this function to defrost the windscreen or to demist the inside of the windscreen and the front side windows.

Switch off the windscreen demisting function as soon as the windscreen is clear again.

Switching on/off

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- ► To activate: press the 🖼 button. The indicator lamp in the 🖼 button lights up.

The climate control system switches to the following functions:

- · high airflow
- high temperature

- air distribution to the windscreen and front side windows
- air-recirculation mode off
- ▶ To deactivate: press the max button. The indicator lamp in the max button goes out. The previous settings are reactivated. Air-recirculation mode remains deactivated.

or

Press the Auro button. The indicator lamp in the mean button goes out. Airflow and air distribution are set to automatic mode.

or

► Turn control ① or ⑥ anti-clockwise or clockwise:

THERMATIC automatic climate control (> page 136)

THERMOTRONIC automatic climate control (> page 138)

or

▶ Press the 🛞 or 🛞 button.

Demisting the windows

Windows misted up on the inside

- Activate the A/C or A/C cooling with air dehumidification function.
- ► Activate automatic mode **AUTO**.
- ► If the windows continue to mist up, activate the "Windscreen demisting" function (▷ page 143).
- You should only select this setting until the windscreen is clear again.

Windows misted up on the outside

- Switch on the windscreen wipers.
- Press the ;; button repeatedly until the ; or ;; symbol appears in the display.
- You should only select this setting until the windscreen is clear again.
- If you clean the windows regularly, they do not mist up so quickly.

Rear window heating

General notes

The rear window heating has a high current draw. You should therefore switch it off as soon as the window is clear. It otherwise switches off automatically after several minutes.

If the battery voltage is too low, the rear window heating may switch off.

Switching on/off

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- Press the mercan button. The indicator lamp in the mercan button lights up or goes out.

Problems with the rear window heating

Problem	Possible causes/consequences and Solutions
The rear window heating has switched off prema- turely or cannot be switched on.	 The battery has not been sufficiently charged. Switch off any consumers that are not required, e.g. reading lamps, interior lighting or the seat heating. When the battery is sufficiently charged, the rear window heating can be switched on again.

Switching air-recirculation mode on/off

the "Cooling with air dehumidification" function is activated

General notes

You can deactivate the flow of fresh air temporarily if unpleasant odours are entering the vehicle from outside. The air already inside the vehicle will then be recirculated.

If you switch on air-recirculation mode, the windows can mist up more quickly, in particular at low temperatures. Only use air-recirculation mode briefly to prevent the windows from misting up.

Switching on/off

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- ► To activate: press the c button. The indicator lamp in the c button lights up.
- In the event of high pollution levels (THERMOTRONIC automatic climate control only) or at high outside temperatures, airrecirculation mode is automatically activated. When air-recirculation mode is activated automatically, the indicator lamp in the solution button is not lit.

Outside air is added after about 30 minutes.

- ► To deactivate: press the c button. The indicator lamp in the c button goes out.
- Air-recirculation mode is deactivated automatically:
 - after approximately five minutes at outside temperatures below approximately 5 °C
 - after approximately five minutes if cooling with air dehumidification is deactivated
 - after approximately 30 minutes at outside temperatures above approximately 5 °C if

Convenience opening/closing using the air-recirculation button

When the convenience closing feature is operating, parts of the body could become trapped in the closing area of the side window and the sliding sunroof. There is a risk of injury.

Observe the complete closing procedure when the convenience closing feature is operating. When closing make sure that no parts of the body are in the closing area.

MARNING

During convenience opening parts of the body could be drawn in or become trapped between the side window and window frame. There is a risk of injury.

► Convenience closing feature (vehicles with sliding sunroof or panorama sliding sunroof): press and hold the with the side windows and the panorama sliding sunroof are closed.

The indicator lamp in the solution lights up. Air-recirculation mode is activated.

 Convenience closing feature (vehicles without sliding sunroof or panorama sliding sunroof): press and hold the constraints button until the side windows are closed. The indicator lamp in the coss button lights up. Air-recirculation mode is activated.

If parts of the body are in the closing area during convenience closing, proceed as follows:

▶ Press the 🖉 button to stop the side windows.

The side windows stop.

► To then open the side windows, press the ☐ button again.

or

▶ Press and hold the 🖾 button again for at least two seconds.

The side windows move in the opposite direction.

Only vehicles with sliding sunroof or panorama sliding sunroof: press the switch to stop the sliding sunroof or panorama sliding sunroof.

The sliding sunroof or panorama sliding sunroof stops.

- ► To then open the sliding sunroof or panorama sliding sunroof, pull back on the switch.
- 1 If the sliding sunroof is raised and closes, press the ______ switch, to stop the sliding sunroof. Do not pull back on the ______ switch afterwards. The sliding sunroof closes before it opens.

Notes on the automatic reversing feature for:

- the side windows (▷ page 98)
- the panorama sliding sunroof (▷ page 102)
- the sliding sunroof (▷ page 102)
- ► Convenience opening feature (vehicles with sliding sunroof or panorama sliding sunroof): press and hold the conversion with the side windows and the panorama sliding sunroof are open. The side windows and the sliding sunroof or panorama sliding sunroof move back to their original position. The indicator lamp in the conversion with the slide sundows and the slide sunroof is deactivated.
- Convenience opening feature (vehicles without sliding sunroof or panorama sliding sunroof): press and hold the Solution until the side windows are open. The side windows move back to their original positions. The indicator lamp in the Solution goes out. Air-recirculation mode is deactivated.

If you open the side windows or the sliding sunroof or the panorama sliding sunroof manually after closing them with the convenience closing feature, they will remain in this position when opened using the convenience opening feature.

Switching the residual heat on/off

General notes

It is possible to make use of the residual heat of the engine to continue heating the stationary vehicle for up to 30 minutesafter the engine has been switched off. The heating time depends on the set interior temperature.

Switching on/off

- ► To switch on: press the REST or AC button. The indicator lamp in the REST or AC button lights up.
- 1 The blower will run at a low speed regardless of the airflow setting.
- If you activate the residual heat function at high temperatures, only the ventilation will be activated. The blower runs at medium speed.
- ► To switch off: press the REST or A/C button.

The indicator lamp in the $\ensuremath{\texttt{REST}}$ or $\ensuremath{\mathbb{A/C}}_{\ensuremath{\texttt{kest}}}$ button goes out.

Residual heat is deactivated automatically:

- after approximately 30 minutes
- when the ignition is switched on
- if the battery voltage drops
- when the auxiliary heating is switched on

Ionisation

lonisation is used to purify and freshen the air in the vehicle interior, which is conducive to a pleasant climate.

The ionisation of the interior air is odourless and cannot, directly, be perceived in the vehicle interior.

You can switch ionisation on and off via the multimedia system (see the separate operating instructions). lonisation can only be operated when the automatic climate control is switched on. The side air vent on the driver's side must be open.

Pre-entry climate control via key

General notes

The "Pre-entry climate control via key" function is only available n PLUG-IN HYBRID vehicles.

Before getting in, the vehicle interior can be briefly warmed or ventilated in advance and the air from the air vents can be pre-cooled.

The high-voltage battery must be sufficiently charged before "Pre-entry climate control via key" can be activated.

When the vehicle is pre-cooled, the following functions are activated as needed:

- Automatic climate control
- Blower
- Seat ventilation

When the vehicle is pre-heated, the following functions are activated as needed:

- Automatic climate control
- Blower
- · Seat heating

If you have activated ionisation via the multimedia system, it is activated together with preentry climate control.

Switch on ionisation (see the separate operating instructions).

Activating/deactivating "Pre-entry climate control via key"

Before "Pre-entry climate control via key" can be activated, you must activate the function using the on-board computer.

► To activate "Pre-entry climate control via key": unlock the vehicle with the key or KEY-LESS-GO.

The climate control functions are activated for up to 5 minutes for pre-heating and pre-cooling. **To deactivate "Pre-entry climate control via key":** "Pre-entry climate control via key" deactivates automatically when the engine is started. The following functions remain active after the engine is started:

- Seat heating (heating)
- Seat ventilation (ventilation)
- Ionisation

An activated "Pre-entry climate control via key" function can be deactivated via the button (> page 149).

Problem	Possible causes/consequences and ► Solutions
"Pre-entry climate con- trol via key" cannot be activated or has been deactivated.	 The charge status of the high-voltage battery is under the specified minimum charge status. Start the engine when the vehicle is at a standstill. The internal combustion engine drives the electric motor. The electric motor is operating as an alternator. The high-voltage battery is charging. Further information on charging the high-voltage battery via: a mains socket (▷ page 185) a charging station (▷ page 189) a wallbox (▷ page 188)
	 "Pre-entry climate control via key" has been started more than twice with the engine switched off. Switch on the engine and let it run for more than ten seconds. Try again to activate "Pre-entry climate control via key".

Problems with "Pre-entry climate control via key"

Pre-entry climate control at time of departure

Important safety notes

MARNING

If persons (particularly children) are exposed to heat or cold for a prolonged period, there is a risk of serious or even fatal injuries. Never leave persons (particularly children) unattended in the vehicle.

General notes

The "Pre-entry climate control at departure time" function is only available in PLUG-IN HYBRID vehicles.

You can use the "Pre-entry climate control at departure time" function to cool or heat the vehicle interior if the engine is not running.

The "Pre-entry climate control at departure time" function can be activated regardless of whether or not the vehicle is connected to an electric power supply. However, the charge status of the high-voltage battery must be higher than the specified minimum charge status.

When the vehicle is connected to an electric power supply, priority is given to charging the high-voltage battery to the specified minimum charge. "Pre-entry climate control at departure time" is only activated subsequently.

The running time of the "Pre-entry climate control at departure time" function may be reduced if:

- the vehicle is not connected to an electric power supply and
- the high-voltage battery is not fully charged

With active "Pre-entry climate control at departure time" the charge status of the high-voltage battery can be reduced, even if the charge cable connector is connected.

When the vehicle is cooled, the following functions are activated as needed:

- Automatic climate control
- Blower
- Seat ventilation

When the vehicle is heated, the following functions are activated as needed:

- Automatic climate control
- Blower
- Seat heating

If you have activated ionisation via the multimedia system, it is activated together with "Preentry climate control".

Switch on ionisation (see the separate operating instructions).

Setting the departure time

You can set the departure time using the onboard computer or via the Mercedes connect me web App. The activation of the "Pre-entry climate control at departure time" function can be linked to this departure time. Your vehicle will then be cooled or heated until the desired temperature is reached in time for the set departure time. "Pre-entry climate control at departure time" will be activated a maximum of 55 minutes before departure. If the departure is delayed, the vehicle will be heated or cooled for a further five minutes.

- ► To set the departure time: set the departure time using the on-board computer (▷ page 292). Set the departure time using the Mercedes connect me web App: http://www.mercedes.me.
- ► To activate or deactivate "Pre-entry climate control at departure time": activate or deactivate "Pre-entry climate control at departure time" using the on-board computer. Activate or deactivate "Pre-entry climate control at departure time" using the Mercedes connect me web App: http:// www.mercedes.me.

The "Pre-entry climate control at departure time" function is automatically deactivated when the vehicle is started. The following functions remain active:

- Seat heating
- Seat ventilation
- Ionisation

To deactivate "Pre-entry climate control at departure time": the activated "Pre-entry climate control at departure time" can be deactivated using the button (▷ page 149).

Activating/deactivating "Immediate pre-entry climate control" via the button

You can activate "Immediate pre-entry climate control" even if the vehicle interior is already at the desired temperature. This means, for example, that the vehicle interior continues to be cooled or heated if the journey is interrupted for up to 50 minutes and the interior temperature is kept constant.



► To activate or deactivate "Immediate preentry climate control": press button ①. The blue or red indicator lamp in the button lights up or goes out.

The colours of the indicator lamps on button (1) have the following meanings:

- blue: cooling activated
- red: heating activated
- · yellow: departure time is preselected

Auxiliary heating

Important safety notes

▲ DANGER

If the exhaust pipe is blocked or sufficient ventilation is not possible, toxic exhaust fumes can enter the vehicle, especially carbon monoxide. This is the case, e.g. in enclosed spaces, or if the vehicle is stuck in snow. There is a risk of fatal injuries.

You should switch off the auxiliary heating in enclosed spaces which do not have an extraction system, e.g. a garage. If the vehicle is stuck in snow and you must leave the auxiliary heating running, keep the exhaust pipe and the area around the vehicle clear of snow. To guarantee a sufficient supply of fresh air, open a window on the side of the vehicle away from the wind.

When the auxiliary heating is switched on, parts of the vehicle can become very hot.

Flammable materials such as leaves, grass or twigs may ignite if they come into contact with:

- hot parts of the exhaust system
- the exhaust gas itself

There is a risk of fire.

When the auxiliary heating is switched on, make sure that:

- no flammable materials come into contact with hot vehicle components
- the exhaust gas can escape from the exhaust pipe unhindered
- the exhaust gas does not come into contact with flammable materials.

The auxiliary heating is fitted under the front wing on the left-hand side of the vehicle. The emissions outlet is found behind the left front wheel.

• Operating the auxiliary heating/ventilation draws on the vehicle battery. After you have heated or ventilated the vehicle a maximum of two times, drive for a longer distance.

Switch the auxiliary heating on regularly once a month for about ten minutes.

The auxiliary heating heats the air in the vehicle interior to the set temperature. This occurs without using the heat of the running engine. The auxiliary heating is operated directly using the vehicle's fuel. For this reason, the tank content must be at least at reserve fuel level to ensure that the auxiliary heating functions.

The auxiliary heating or auxiliary ventilation automatically adjusts to changes in temperature and weather conditions. For this reason, the auxiliary heating could switch from ventilation mode to heating mode or from heating mode to ventilation mode.

The auxiliary heating switches off when the engine is switched off. The auxiliary ventilation switches off when you turn the key to position 2 (\triangleright page 158).

The auxiliary heating switches off automatically after 50 minutes. This time limit can be altered. To do this, visit a qualified specialist workshop.

You cannot use the auxiliary ventilation to cool the vehicle interior to a temperature lower than the outside temperature.

Before switching on

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- ▶ Set the desired temperature.

The auxiliary heating/ventilation can be activated even when climate control is set to manual. Optimum comfort can be attained when the system is set to automatic mode. Set the temperature to 22 °C.

The auxiliary heating or auxiliary ventilation can be switched on/off using the button on the centre console or the remote control.

The on-board computer can be used to specify up to three departure times, one of which may be preselected (\triangleright page 295).

Switching the auxiliary heating/ventilation on or off using the button on the centre console

General notes



The colours of the indicator lamps in button 1 mean the following:

- blue: auxiliary ventilation is switched on
- red: auxiliary heating is activated
- yellow: departure time is preselected (▷ page 295).

Switching on/off

- ► To switch on the auxiliary heating or auxiliary ventilation: press button ①. The red or blue indicator lamp in button ① lights up.
- ► To switch off the auxiliary heating or auxiliary ventilation: press button ①. The red or blue indicator lamp in button ① goes out.

Switching the auxiliary heating/ventilation on or off using the remote control

General notes

Your vehicle comes with one remote control. You may use two additional remote controls for your vehicle. For more information, please contact a qualified specialist workshop.

Store the remote control for the auxiliary heating so that the auxiliary heating cannot be switched on unintentionally. In particular, ensure that the remote control for the auxiliary heating is kept out of the reach of children.

The remote control has a range of approximately 300 metres. This range is reduced by:

- sources of radio interference
- solid objects between the remote control and the vehicle
- the remote control being in an unfavourable position in relation to the vehicle
- transmitting from an enclosed space

If the remote control battery is low, the battery symbol on the left of the display is shown as empty. Replace the remote control battery and observe the important safety notes when doing so (\triangleright page 152).

Activating and deactivating the auxiliary heating or auxiliary ventilation



Remote control

- 1 Display
- ② ON Activates the auxiliary heating or auxiliary ventilation

Checks the status

- \bigcirc Sets the departure time
- ④ OFF Deactivates the auxiliary heating or auxiliary ventilation
- \bigcirc \bigcirc Sets the departure time

- ► To activate: press and hold the ON button. ON is shown in the remote control display.
- ► To deactivate: press and hold the OFF button.

OFF is shown in the remote control display.

Checking the status of the auxiliary heating or auxiliary ventilation

► Briefly press the **ON** button.

The following messages may appear in the display:

Display	Meaning
OFF ^{Plat}	The auxiliary heating or auxiliary ventilation is switched off.
x 30 [©] ™a	The auxiliary ventilation is switched on. The number in the display shows the remaining time (in minutes) for the auxiliary ventilation.
[∭] 30 [©] ™.ai	The auxiliary heating is switched on. The number in the display shows the remaining time (in minutes) for the auxiliary heating.
8.00 g 15al	A departure time has been activated. The departure time appears in the dis- play.



A departure time has been activated. The auxiliary ventilation is currently activated. The number in the display shows the remaining time (in minutes) for the auxiliary ventilation. If the vehicle is not started after this time, the running time is increased by five minutes.

A departure time has been activated. The auxiliary heating is currently activated. The number in the display shows the remaining time (in minutes) for the auxiliary heating. If the vehicle is not started after this time, the running time is increased by five minutes.

If the engine has not yet reached operating temperature when it is started, the auxiliary heating running time is increased. The auxiliary heating continues to run until the operating temperature is reached. If this is the case, the <u>SS</u> symbol appears in the remote control display and the running time is zero minutes.

Setting the departure time

Make sure that the time set in the vehicle is correct before setting the departure time (see the separate operating instructions). Otherwise, the auxiliary heating may switch on at the wrong time and at an unsuitable location. When setting the departure time, also observe the important safety notes (\triangleright page 149).

- ► Briefly press the **ON** button.
- ► Press the **ON** and **OFF** buttons simultaneously.

The C symbol in the remote control display flashes.

► Press the or button to set the desired departure time.

- The longer you press the <a>Image or button, the faster the time changes.
- Press the ON and OFF buttons simultaneously.
 The new departure time is stored.

Activating the set departure time

- ► Briefly press the **ON** button.
- ► Press the ☐ or ▷ button repeatedly until the desired departure time appears in the display.
- ▶ Press the <u>on</u> button. The <u>m</u> symbol, the departure time and, depending on the selected departure time, the letter **A**, **B** or **C** appear in the display.

Deactivating the set departure time

- Briefly press the **ON** button. The status of the auxiliary heating is shown in the display.
- Press the button. The first departure time stored appears in the display.
- Press the OFF button.
 OFF is shown in the remote control display.

Replacing the remote control battery

Important safety notes

MARNING

Batteries contain toxic and corrosive substances. If batteries are swallowed, it can result in severe health problems. There is a risk of fatal injury.

Keep batteries out of the reach of children. If a battery is swallowed, seek medical attention immediately.

Environmental note

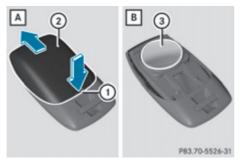


Batteries contain pollutants. It is illegal to dispose of them with the household rubbish. They must be collected separately and disposed of in an environmentally responsible recycling system.



Dispose of batteries in an environmentally responsible manner. Take discharged batteries to a qualified specialist workshop or to a collection point for used batteries.

Replacing the battery



If the battery needs to be replaced, the battery symbol on the left of the display is shown as empty. A CR2450 lithium battery is required when replacing the battery.

- ▶ Press a pointed object into recess ①.
- Slide battery cover (2) backwards in the direction of the arrow.
- ▶ Remove old battery ③.
- ► Insert the new battery with the lettering facing upwards.
- Slide battery cover (2) in the opposite direction to the arrow on the remote control until it engages.
- ► Use the remote control to check the vehicle's auxiliary heating functions.

Problems with the auxiliary heating/ventilation

Problem	Possible causes/consequences and ► Solutions
FAIL ((j))	The signal transmission between the transmitter and the vehicle is faulty.
	 Change your position in relation to the vehicle, moving closer if necessary.
	Make another attempt to switch the auxiliary heating or auxiliary ventilation on or off using the remote control.
FAIL	The auxiliary heating/ventilation cannot be switched on or has switched itself off.
	The starter battery is not sufficiently charged.
	Charge the starter battery.
	Make another attempt to switch on the auxiliary heating/ventilation using the remote control.
	The auxiliary heating cannot be switched on or has switched itself off.The fuel tank content is below the reserve fuel level.Refuel at the nearest filling station.
	Make another attempt to switch on the auxiliary heating/ventilation using the remote control.
	The auxiliary heating/ventilation cannot be switched on or has switched itself off.
	The auxiliary heating/ventilation is malfunctioning.
	Have the auxiliary heating/ventilation checked at a qualified spe- cialist workshop.

Adjusting the air vents

Important safety notes

▲ WARNING

Very hot or very cold air can flow from the air vents. This could result in burns or frostbite in the immediate vicinity of the air vents. There is a risk of injury.

Make sure that all vehicle occupants always maintain a sufficient distance to the air outlets. If necessary, redirect the airflow to another area of the vehicle interior.

In order to ensure the direct flow of fresh air through the air vents into the vehicle interior, please observe the following notes:

• keep the air inlet grille on the bonnet and in the engine compartment on the front-

passenger side free of blockages, such as ice, snow or leaves.

- never cover the vents or ventilation grilles in the vehicle interior
- **1** For virtually draught-free ventilation, adjust the sliders of the air vents to the centre position.

Adjusting the centre air vents



- ① Centre air vent, left
- 2 Centre air vent, right
- ③ Centre vent thumbwheel, right
- ④ Centre vent thumbwheel, left
- ► To open or close: turn thumbwheels ③ and ④ to the left or right.

Adjusting the side air vents



- ① Side window demister vent
- ② Side air vent
- ③ Thumbwheel for side air vent
- ► To open or close: turn thumbwheel ③ up or down.

Adjusting the glove compartment air vent

Close the air vent when heating the vehicle. At high outside temperatures, open the air vent and activate the "cooling with air dehumidification" function. Otherwise, temperature-sensitive items stored in the glove compartment could be damaged.



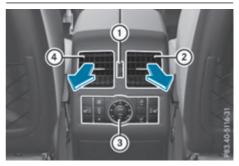
- ① Air vent thumbwheel
- Air vent

When automatic climate control is activated, the glove compartment can be ventilated, for instance to cool its contents. The level of airflow depends on the airflow and air distribution settings.

► To open or close: turn thumbwheel ① to the right or left.

Setting the rear-compartment air vents

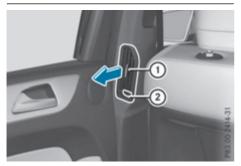
Adjusting the centre air vents in the rear compartment



Example: centre vents with rear control panel

- ① Rear-compartment air vent thumbwheel
- Rear-compartment air vent, right
- ③ Rear control panel
- ④ Rear-compartment air vent, left
- To open or close: turn thumbwheel (1) up or down.

Adjusting the rear-compartment side air vents



- ① Rear-compartment side air vent
- Thumbwheel for rear-compartment side air vent
- ► To open or close: turn thumbwheel ② to the left or right.

Useful information

This Owner's Manual describes all models, series and optional equipment for your vehicle that were available at the time of going to press. National variations are possible. Note that your vehicle may not be equipped with all of the functions described. This is also the case for systems and functions relevant to safety.

 Read the information on qualified specialist workshops: (▷ page 28).

Running-in notes

Important safety notes

In certain driving and driving safety systems, the sensors adjust automatically while a certain distance is being driven after the vehicle has been delivered or after repairs. Full system effectiveness is not reached until the end of this teach-in process.

Brake pads/linings and discs that are either new or have been replaced only achieve optimum braking effect after several hundred kilometres of driving. Compensate for the reduced braking effect by applying greater force to the brake pedal.

The first 1,500 km

If you treat the engine with sufficient care from the very start, you will be rewarded with excellent performance for the remainder of the engine's life.

- Drive at varying vehicle speeds and engine speeds for the first 1500 km.
- Avoid overstraining the vehicle during this period, e.g. driving at full throttle.
- Change gear in good time, before the rev counter needle is $\frac{2}{3}$ of the way to the red area of the rev counter.
- Do not shift down a gear manually in order to brake.
- Try to avoid depressing the accelerator pedal beyond the point of resistance (kickdown).

Additional notes on running in Mercedes-AMG vehicles:

- For the first 1,500 km do not drive at speeds above 140 km/h.
- Only allow the engine to reach a maximum engine speed of 4,500 rpm briefly.
- Ideally, for the first 1,500 km, drive in the **Comfort** drive program.

After 1,500 km, you may gradually accelerate the vehicle to full road and engine speeds.

You should also observe these notes on runningin if the engine or parts of the drive train on your vehicle have been replaced.

Always observe the maximum permissible speed.

Driving

Important safety notes

▲ WARNING

Objects in the driver's footwell may restrict the clearance around the pedals or block a depressed pedal. This jeopardises the operating and road safety of the vehicle. There is a risk of an accident.

Stow all objects securely in the vehicle so that they do not get into the driver's footwell. Always fit the floormats securely and as prescribed in order to ensure that there is always sufficient room for the pedals. Do not use loose floormats and do not place several floormats on top of one another.

MARNING

Unsuitable footwear can hinder correct usage of the pedals, e.g.:

- shoes with thick soles
- · shoes with high heels
- slippers

There is a risk of an accident.

Wear suitable footwear to ensure correct usage of the pedals.

158 Driving

▲ WARNING

If you switch off the ignition while driving, safety-relevant functions are only available with limitations, or not at all. This could affect, for example, the power steering and the brake boosting effect. You will require considerably more effort to steer and brake. There is a risk of an accident.

Do not switch off the ignition while driving.

If the parking brake has not been fully released when driving, the parking brake can:

- overheat and cause a fire
- lose its hold function.

There is a risk of fire and an accident. Release the parking brake fully before driving off.

Do not warm up the engine when the vehicle is stationary. Drive off immediately. Avoid high engine speeds and driving at full throttle until the engine has reached its operating temperature.

Only shift the automatic transmission to the desired drive position when the vehicle is stationary.

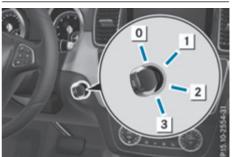
Where possible, avoid spinning the drive wheels when pulling away on slippery roads. You could otherwise damage the drive train.

Mercedes-AMG vehicles: at low engine oil temperatures (below +20 °C), the maximum engine speed is restricted in order to protect the engine. To protect the engine and maintain smooth engine operation, avoid driving at full throttle when the engine is cold.

Observe the important safety notes for PLUG-IN HYBRID vehicles (\triangleright page 41).

Key positions

Кеу



- To remove the key
- 1 Power supply for some consumers, such as the windscreen wipers
- 2 Ignition (power supply for all consumers) and drive position
- 3 To start the vehicle
- 1 If the key does not belong to the vehicle, it can still be turned in the ignition lock. However, the ignition will not be switched on. The engine cannot be started.

KEYLESS-GO

General notes

Vehicles with KEYLESS-GO are equipped with a key featuring an integrated KEYLESS-GO function and a detachable Start/Stop button.

A check which periodically establishes a radio connection between the vehicle and the key determines whether a valid key is in the vehicle. This occurs, for example, when starting the engine.

When you insert the Start/Stop button into the ignition lock, the system needs approximately two seconds recognition time. You can then use the Start/Stop button.

Pressing the Start/Stop button several times in succession corresponds to the different key positions in the ignition lock. This is only the case if you are not depressing the brake pedal.

If you depress the brake pedal and press the Start/Stop button, the engine starts immediately.

To start the vehicle without actively using the key:

- the Start/Stop button must be inserted in the ignition lock
- the key must be in the vehicle
- the vehicle must not be locked with the key or KEYLESS-GO (\triangleright page 85)

Do not keep the key:

- with electronic devices, e.g. a mobile phone or another key
- with metallic objects, e.g. coins or metal film
- inside metallic objects, e.g. a metal case

This can affect the function of the key with KEY-LESS-GO.

Do not keep the KEYLESS-GO key in the temperature-controlled cup holder (▷ page 362). Otherwise, the KEYLESS-GO or KEYLESS-GO Start function key will not be detected.

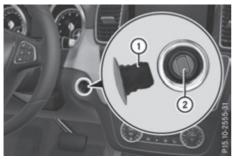
If you lock the vehicle with the key's remote control or with KEYLESS-GO, after a short time:

- you will not be able to switch on the ignition with the Start/Stop button
- you will not be able to start the engine with the Start/Stop button until the vehicle is unlocked again

If you lock the vehicle centrally using the button on the front door (\triangleright page 91), you can continue to start the engine with the Start/Stop button.

The engine can be switched off while the vehicle is in motion by pressing and holding the Start/ Stop button for three seconds. This function operates independently of the ECO start/stop automatic engine switch-off function.

Key positions with KEYLESS-GO



Start/Stop button
 Ignition lock

When you switch on the ignition, all of the indicator lamps in the instrument cluster light up. Further information on situations where an indicator lamp either fails to go out after starting the engine or lights up while driving (\triangleright page 339).

If Start/Stop button ① has not yet been pressed, this corresponds to the key being removed from the ignition.

► To switch on the power supply: press Start/Stop button ① once. The power supply is switched on. You can now activate the windscreen wipers, for example.

The power supply is switched off again if:

- the driver's door is opened and
- you press Start/Stop button ① twice when in this position
- ► To switch on the ignition: press Start/Stop button ① twice.

The ignition is switched on.

If you press Start/Stop button (1) once when in this position, the ignition is deactivated again.

Removing the Start/Stop button

You can remove the Start/Stop button from the ignition lock and start the vehicle as normal using the key.

It is only possible to switch between KEYLESS-GO mode and key operation when the transmission is in position ${\bf P}.$

▶ Remove Start/Stop button ① from ignition lock ②.

You do not have to remove the Start/Stop button from the ignition lock when you leave the vehicle. You should, however, always take the key with you when leaving the vehicle. As long as the key is in the vehicle:

- the vehicle can be started using the Start/ Stop button
- the electrically powered equipment can be operated

Starting the vehicle

Important safety notes

≜ WARNING

If children are left unsupervised in the vehicle, they can:

- open doors and endanger other persons or road users
- climb out and be injured by the traffic
- operate vehicle equipment and, for example, trap themselves.

Children could also set the vehicle in motion, for example by:

- releasing the parking brake
- shifting the automatic transmission out of park position P
- starting the engine.

There is a risk of an accident and injury.

When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle. Always keep the key out of reach of children.

▲ WARNING

Combustion engines emit poisonous exhaust gases such as carbon monoxide. Inhaling these exhaust gases leads to poisoning. There is a risk of fatal injury. Therefore never leave the engine running in enclosed spaces without sufficient ventilation.

▲ WARNING

Flammable materials introduced through environmental influence or by animals can ignite if in contact with the exhaust system or parts of the engine that heat up. There is a risk of fire.

Carry out regular checks to make sure that there are no flammable foreign materials in the engine compartment or in the exhaust system.

Do not depress the accelerator when starting the engine.

General notes

Vehicles with a petrol engine: the catalytic converter is preheated for up to 30 seconds after a cold start. The sound of the engine may change during this time.

Automatic transmission

- Shift the transmission to position P (▷ page 168). The transmission position indicator in the multifunction display shows P (▷ page 168).
- (1) You can start the engine in transmission position **P** and **N**.

Starting procedure with the key

- ► To start a diesel engine: turn the key to position 2 in the ignition lock (▷ page 158). The 000 preglow indicator lamp in the instrument cluster lights up.
- ► Turn the key to position 3 in the ignition lock (▷ page 158) and release it as soon as the engine is running.
- **1** Vehicles with a diesel engine: you can start the engine without preglow if the engine is warm.

Using KEYLESS-GO to start the engine

The Start/Stop button can be used to start the vehicle without inserting the key into the ignition lock. The key must be in the vehicle and the Start/Stop button must be inserted in the ignition lock. This mode for starting the engine operates independently of the ECO start/stop automatic engine start function.

- Depress the brake pedal and keep it depressed.
- ▶ Press the Start/Stop button once (▷ page 158).

Vehicles with a petrol engine: the engine starts.

Vehicles with a diesel engine: preglow is activated and the engine starts.

Pulling away

General notes

▲ WARNING

If the engine speed is above the idling speed and you engage transmission position **D** or **R**, the vehicle could pull away suddenly. There is a risk of an accident.

When engaging transmission position **D** or **R**, always firmly depress the brake pedal and do not simultaneously accelerate.

Depress the accelerator carefully when pulling away.

The vehicle locks centrally once you have pulled away. The locking knobs in the doors drop down.

You can open the doors from the inside at any time.

You can also deactivate the automatic locking feature (\triangleright page 294).

It is only possible to shift the transmission from position ${\bf P}$ to the desired position if you depress the brake pedal. Only then is the parking lock released. If you do not depress the brake pedal, the DIRECT SELECT lever can still be moved but the parking lock remains engaged.

Upshifts take place at higher engine speeds after a cold start. This helps the catalytic converter to reach its operating temperature more quickly.

Information on automatically releasing the electrical parking brake (\triangleright page 192).

Pulling away with a trailer



To ensure that you do not roll backwards when pulling away on an uphill slope, apply the electric parking brake. ▶ Press and hold handle ①.

The electric parking brake continues to brake and prevent the vehicle from rolling backwards.

The red () indicator lamp in the instrument cluster remains lit.

- ▶ Depress the accelerator pedal.
- ► As soon as the vehicle/trailer combination is held by the driving force of the engine, release lever ①.

the electric parking brake is released

The red () indicator lamp in the instrument cluster goes out.

Hill start assist

Hill start assist helps you when pulling away forwards or in reverse on an uphill gradient. It holds the vehicle for a short time after you have removed your foot from the brake pedal. This gives you enough time to move your foot from the brake pedal to the accelerator pedal and depress it before the vehicle begins to roll.

After a while, hill start assist no longer holds the vehicle and it may roll away. There is a risk of an accident and injury.

Therefore, quickly move your foot from the brake pedal to the accelerator pedal. Never leave the vehicle when it is held by hill start assist.

Hill start assist is not active if:

- you are pulling away on a level road or a downhill gradient
- ${\scriptstyle \bullet}$ the transmission is in position ${\bf N}$
- the electric parking brake is applied
- ESP[®] is malfunctioning

ECO start/stop function

Introduction

This section describes the ECO start/stop function for all vehicles except PLUG-IN HYBRID vehicles. Information on the ECO start/stop function in PLUG-IN HYBRID vehicles (> page 269).

162 Driving

The ECO start/stop function switches the engine off automatically if the vehicle is stopped under certain conditions.

When pulling away again, the engine starts automatically. The ECO start/stop function thereby helps you to reduce the fuel consumption and emissions of your vehicle.

Important safety notes

MARNING №

If the engine is switched off automatically and you exit the vehicle, the engine is restarted automatically. The vehicle may begin moving. There is a risk of accident and injury.

If you wish to exit the vehicle, always turn off the ignition and secure the vehicle against rolling away.

General notes



① ECO start/stop display

The ECO start/stop function is activated whenever you start the engine using the key or the Start/Stop button.

If the (A) ECO symbol is shown in green in the multifunction display, the ECO start/stop function switches the engine off automatically once the vehicle stops moving.

If the ECO start/stop function has been manually deactivated (\triangleright page 163) or a malfunction has caused the system to be deactivated, the O ECO symbol is not displayed.

Mercedes-AMG vehicles: the ECO start/stop function is only available in drive programs Comfort and Slippery.

Automatic engine switch-off

If the vehicle is braked to a standstill with the transmission in ${\bf D}$ or ${\bf N}$, the ECO start/stop function switches off the engine automatically.

The ECO start/stop function is operational and the A ECO symbol is displayed in green in the multifunction display, if:

- the indicator lamp in the ECO button is lit green
- none of the off-road programs are selected
- the outside temperature is within the range that is suitable for the system
- the engine is at normal operating temperature
- the set temperature for the vehicle interior has been reached
- the battery is sufficiently charged
- the system detects that the windscreen is not misted up when the air-conditioning system is switched on
- the bonnet is closed
- the driver's door is closed and the driver's seat belt is fastened

If the conditions for automatic engine switch-off are not all met, the A ECO symbol is shown in yellow.

All of the vehicle's systems remain active when the engine is switched off automatically.

The HOLD function can be activated if the engine has been switched off automatically. It is then not necessary to continue applying the brakes during the automatic stop phase. When you depress the accelerator pedal, the engine starts automatically and the braking effect of the HOLD function is deactivated.

All vehicles (except Mercedes-AMG vehicles): automatic engine switch-off can take place a maximum of four times in a row (initial switch-off, then three subsequent switch-offs). The A ECO symbol is shown in yellow in the multifunction display after the engine has been started automatically for the fourth time. When the A ECO symbol is shown in green in the multifunction display, automatic engine switchoff is again possible.

Mercedes-AMG vehicles: the number of consecutive automatic engine stops is unlimited.

Automatic engine start

The engine is started automatically if:

- you switch off the ECO start/stop function by pressing the ECO button
- in transmission position ${\bf D}$ or ${\bf N},$ the brake pedal is released and the HOLD function is not active

- you depress the accelerator pedal
- \bullet you engage reverse gear ${\bf R}$
- ${\scriptstyle \bullet}$ you move the transmission out of position ${\bf P}$
- you switch to the **Sport Plus** or **Sport** drive program (Mercedes-AMG vehicles)
- you activate manual gearshifting (Mercedes-AMG vehicles)
- you switch to the Offroad drive program (vehicles without Off-Road Engineering package)
- you switch to the Offroad or Offroad Plus drive program (vehicles with Off-Road Engineering package)
- you unfasten your seat belt or open the driver's door
- the vehicle starts to roll
- the brake system requires this
- the temperature in the vehicle interior deviates from the set range
- the system detects moisture on the windscreen when the air-conditioning system is switched on
- the battery's charge status is too low

Shifting the transmission to position ${\bf P}$ does not start the engine.

If you shift the transmission from **R** to **D**, the ECO start/stop function is available again once the A ECO symbol reappears in green in the multifunction display.

Switching the ECO start/stop function off/on

All vehicles (except Mercedes-AMG vehicles)



► To switch off: press ECO button ①. Indicator lamp ② and the ④ ECO symbol in the multifunction display go out. ► To switch on: press ECO button ①. Indicator lamp ② lights up. If all conditions for automatic engine switch-off (▷ page 162) are fulfilled, the ③ ECO symbol is shown in green in the multifunction display.

If the conditions for automatic engine switchoff (\triangleright page 162) are not all fulfilled, the ECO symbol is shown in yellow in the multifunction display. If this is the case, the ECO start/stop function is not available.

If indicator lamp (2) is off, the ECO start/stop function has been deactivated manually or as the result of a malfunction. The engine will then not be switched off automatically when the vehicle stops.

Mercedes-AMG vehicles



► To switch off: in the Comfort drive program, press ECO button ①.

or

► Activate manual gearshifting (▷ page 172). or

- Switch to the Sport Plus or Sport drive program (▷ page 166). Indicator lamp ② and the A ECO symbol in the multifunction display go out.
- ► To switch on: press ECO button ①. Indicator lamp ② lights up. When the Sport Plus or Sport drive program is activated, the automatic transmission switches to the Comfort drive program.

If all conditions for automatic engine switchoff (\triangleright page 162) are fulfilled, the ECO symbol is shown in green in the multifunction display.

If not all conditions for automatic engine switch-off (\triangleright page 162) are fulfilled, the \bigcirc ECO symbol is shown in yellow. If this is the

case, the ECO start/stop function is not available.

If indicator lamp (2) is off, the ECO start/stop function has been deactivated manually or as the result of a malfunction. The engine will then not be switched off automatically when the vehicle stops.

Driving and parking

Problems with the engine

Problem	Possible causes/consequences and Solutions
The engine does not start. The starter motor can be heard.	 There is a malfunction in the engine electronics. There is a malfunction in the fuel supply. Before attempting to start the engine again: Turn the key back to position 0 in the ignition lock. or Press the Start/Stop button repeatedly until all indicator lamps in the instrument cluster go out. Try to start the engine again (> page 160). Avoid excessively long and frequent attempts to start the engine, as this will drain the battery. If the engine does not start after several attempts: Consult a qualified specialist workshop.
The engine does not start. The starter motor can be heard. The reserve fuel warning lamp is lit and the fuel gauge display shows 0 .	The fuel tank is empty.▶ Refuel the vehicle.
The engine does not start. You cannot hear the starter motor.	 The on-board voltage is too low because the battery is too weak or discharged. Jump-start the vehicle (▷ page 397). If the engine does not start despite attempts to jump-start it: Consult a qualified specialist workshop.
	 The starter motor was exposed to a thermal load that was too high. Allow the starter motor to cool down for approximately two minutes. Try to start the engine again. If the engine still does not start: Consult a qualified specialist workshop.
Vehicles with a petrol engine: The engine is not running smoothly and is misfir- ing.	 There is a malfunction in the engine electronics or in a mechanical component of the engine management system. Only depress the accelerator pedal slightly. Otherwise, non-combusted fuel may get into the catalytic converter and damage it. Have the cause rectified immediately at a qualified specialist workshop.

	Problem	Possible causes/consequences and ► Solutions
	The coolant temperature display is showing more than 120 °C. The coolant warning lamp may also be on and a warning tone may sound.	The coolant level is too low. The coolant is too hot and the engine is no longer being cooled sufficiently.
		Stop as soon as possible and allow the engine and the coolant to cool down.
		► Check the coolant level (▷ page 376). Observe the warning notes as you do so and top up the coolant if necessary.
		If the coolant level is correct, the radiator fan may be faulty. The cool- ant is too hot and the engine is no longer being cooled sufficiently.
		 If the coolant temperature is below 120 °C, you can continue driving to the nearest qualified specialist workshop.
		 Avoid heavy loads on the engine as you do so, e.g. driving in moun- tainous terrain and stop-start traffic.

DYNAMIC SELECT controller

This section describes the DYNAMIC SELECT controller for all vehicles except PLUG-IN HYBRID vehicles. Information on the DYNAMIC SELECT controller on PLUG-IN HYBRID vehicles (▷ page 267).

Use the DYNAMIC SELECT controller to change the drive program. Depending on the drive program selected, the following vehicle characteristics will change:

- the drive (engine and transmission management)
- the transmission
- the suspension
- the steering

• the availability of the ECO start/stop function

If the ignition is switched off for less than four hours, the previously selected drive program is activated when the engine is next started. If the ignition is switched off for more than four hours, the **Comfort** drive program is activated when the engine is next started.



All vehicles (except Mercedes-AMG vehicles): turn DYNAMIC SELECT controller (1) as many times as necessary until the desired drive program is selected.

The selected drive program appears in the multifunction display. After five seconds the display goes out.

In addition, the current drive program settings are displayed in the multimedia system display.

Drive programs available (all vehicles except Mercedes-AMG vehicles):

Individual	Individual settings
Sport	Sporty driving characteris- tics
Comfort	Comfortable and economi- cal driving characteristics
Slippery	Optimal driving characteris- tics on slippery or snow- covered roads

Offroad	Optimal driving characteris- tics for easily negotiable off- road terrain
Offroad Plus (vehicles with Off-Road Engi- neering pack- age)	Optimal driving characteris- tics for rough terrain

Further information on:

- the Individual, Sport, Comfort and Slippery drive programs (▷ page 171)
- the Offroad drive program (vehicles without Off-Road Engineering package) (▷ page 254)
- the **Offroad** and **Offroad Plus** drive programs (vehicles with Off-Road Engineering package) (▷ page 254)



 Mercedes-AMG vehicles: turn DYNAMIC SELECT controller ① as many times as necessary until the desired drive program is selected.

The selected drive program appears in the multifunction display. After five seconds the display goes out.

In addition, the current drive program settings are displayed in the multimedia system display.

Drive programs available (Mercedes-AMG vehicles):

Individual	Individual settings
Comfort	Comfortable and economi- cal driving characteristics
Sport	Sporty driving characteris- tics

Sport Plus	Particularly sporty driving characteristics
Slippery	Optimal driving characteris- tics on slippery or snow- covered roads

Additional information for drive programs (> page 171).

Automatic transmission

Important safety notes

If the engine speed is above the idling speed and you engage transmission position **D** or **R**, the vehicle could pull away suddenly. There is a risk of an accident.

When engaging transmission position **D** or **R**, always firmly depress the brake pedal and do not simultaneously accelerate.

The automatic transmission switches to neutral position **N** when you switch off the engine. The vehicle may roll away. There is a risk of an accident.

After switching off the engine, always switch to parking position **P**. Prevent the parked vehicle from rolling away by applying the parking brake.

Observe the important safety notes for PLUG-IN HYBRID vehicles (\triangleright page 41).

DIRECT SELECT lever

Overview of transmission positions



- P Park position with parking lock
- R Reverse gear
- Neutral
- D Drive

The DIRECT SELECT lever is on the right of the steering column.

The DIRECT SELECT lever always returns to its original position. The current transmission position **P**, **R**, **N** or **D** appears in the transmission position display in the multifunction display (\triangleright page 168).

Transmission position and drive program display

The current transmission position and drive program appear in the multifunction display.



- ① Transmission position
- 2 Gear
- ③ Drive program

The arrows in the transmission position display show how and into which transmission positions you can shift using the DIRECT SELECT lever.

If the transmission position display in the multifunction display is not working, you should pull away carefully to check whether the desired transmission position is engaged. Ideally, you should select transmission position **D**.

Engaging park position P

If the engine speed is too high, do not shift the automatic transmission directly from D to R, from R to D or directly to P. Otherwise, the automatic transmission could be damaged.



- P Park position with parking lock
- R Reverse gear
- Neutral
- D Drive
- Push the DIRECT SELECT lever in the direction of arrow P.

Engaging park position P automatically

Park position **P** is automatically engaged if:

- you switch off the engine using the key and remove the key
- you switch off the engine using the key or using the Start/Stop button and open the driver's door or front-passenger door
- you open the driver's door when the vehicle is stationary or when driving at a very low speed and the transmission is in position D or R

Under certain conditions, the automatic transmission shifts automatically to transmission position **P** if the HOLD function or DISTRONIC PLUS is activated. Observe the information on the HOLD function (\triangleright page 220) and on DISTRONIC PLUS (\triangleright page 210).

Engaging reverse gear R

Only shift the automatic transmission to **R** when the vehicle is stationary.

- If the transmission is in position D or N: push the DIRECT SELECT lever up past the first point of resistance.
- If the transmission is in position P: depress the brake pedal and push the DIRECT SELECT lever up past the first point of resistance.

Shifting to neutral N

▲ WARNING

If children are left unsupervised in the vehicle, they can:

- open doors and endanger other persons or road users
- climb out and be injured by the traffic
- operate vehicle equipment and, for example, trap themselves.

Children could also set the vehicle in motion, for example by:

- releasing the parking brake
- shifting the automatic transmission out of park position P
- starting the engine.

There is a risk of an accident and injury.

When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle. Always keep the key out of reach of children.

- If the transmission is in position D or R: push the DIRECT SELECT lever up or down to the first point of resistance.
- If the transmission is in position P: depress the brake pedal and push the DIRECT SELECT lever up or down to the first point of resistance.

If you switch the engine off with the transmission in position ${\bf R}$ or ${\bf D},$ the automatic transmission shifts to ${\bf N}$ automatically.

With the key: if you then open the driver's door or the front-passenger door or remove the key from the ignition, the automatic transmission shifts to **P** automatically.

With the Start/Stop button: if you then open the driver's door or the front-passenger door, the automatic transmission shifts to **P** automatically. If you want the automatic transmission to remain in neutral \mathbf{N} , e.g. when having the vehicle cleaned in an automatic car wash with a towing system:

With the key:

- ▶ Switch the ignition on.
- Depress the brake pedal and keep it depressed.
- ► Shift to neutral N.
- ▶ Release the brake pedal.
- ▶ Release the electric parking brake.
- Switch off the ignition and leave the key in the ignition lock.

With the Start/Stop button:

- Remove the Start/Stop button from the ignition lock.
- Insert the key into the ignition lock.
- Switch the ignition on.
- Depress the brake pedal and keep it depressed.
- ► Shift to neutral N.
- Release the brake pedal.
- ▶ Release the electric parking brake.
- Switch off the ignition and leave the key in the ignition lock.

Engaging drive position D

- If the transmission is in position R or N: push the DIRECT SELECT lever down past the first point of resistance.
- If the transmission is in position P: depress the brake pedal and push the DIRECT SELECT lever down past the first point of resistance.

Transmission positions

P Park position

This prevents the vehicle from rolling away when stopped. Only shift the transmission into position \mathbf{P} when the vehicle is stationary (\triangleright page 225).

Park position **P** is automatically engaged if:

- you switch off the engine using the key and remove the key
- you switch off the engine using the key or using the Start/Stop button and open the driver's door or frontpassenger door
- you open the driver's door when the vehicle is stationary or driving at very low speed and the transmission is in position D or R

Reverse gear

Only shift the transmission into position ${f R}$ when the vehicle is stationary.

Neutral

R

N

Do not shift the transmission to \mathbf{N} while driving. Otherwise, the automatic transmission could be damaged.

No power is transmitted from the engine to the drive wheels.

Releasing the brakes will allow you to move the vehicle freely, e.g. to push it or tow it.

If ESP^{\circledast} is deactivated or faulty: shift the transmission to position **N** if the vehicle is in danger of skidding, e.g. on icy roads.

If you switch the engine off with the transmission in position ${\bf R}$ or ${\bf D},$ the automatic transmission shifts to ${\bf N}$ automatically.

Rolling in neutral N can lead to damage to the transmission.

Drive

D

The automatic transmission changes gear automatically. All forward gears are available.

Driving tips

Changing gear

The automatic transmission shifts to the individual gears automatically when it is in transmission position **D**. Gearshifting is determined by:

- the selected drive program
- the position of the accelerator pedal
- · the road speed

Accelerator pedal position

Your style of driving influences how the automatic transmission shifts gear:

- little throttle: early upshifts
- more throttle: late upshifts

Kickdown

Use kickdown for maximum acceleration:

- Depress the accelerator pedal beyond the pressure point.
 The transmission shifts to a lower gear depending on the engine speed.
- Ease off the accelerator pedal once the desired speed is reached.
 The automatic transmission shifts back up.

Gliding mode

All vehicles (except Mercedes-AMG vehicles)

Gliding mode is characterised by the following:

- the combustion engine is disconnected from the drive train
- the engine speed is equal to the engine idling speed
- the gear indicated after the transmission position D disappears in the multifunction display (▷ page 168)

Gliding mode can be activated under the following conditions:

- you select the "ECO" setting for the drive system within the Individual drive program. You can find information about this in the Digital Owner's Manual
- the speed is within a suitable range

- the type of road is suitable, e.g. no steep gradients
- you are no longer depressing the accelerator pedal

Gliding mode is deactivated under the following conditions:

- you depress the accelerator pedal
- you depress the brake pedal
- you use the DIRECT SELECT lever to switch the transmission position (▷ page 168)
- you use the DYNAMIC SELECT controller to change the drive program (▷ page 166)
- you activate manual gearshifting (▷ page 172)
- you leave the suitable speed range

Mercedes-AMG vehicles

Gliding mode is characterised by the following:

- the combustion engine is disconnected from the drive train
- the engine speed is equal to the engine idling speed
- in the multifunction display, the gliding symbol appears in the drive program display

Gliding mode can be activated under the following conditions:

- the **Comfort** drive program is activated or you select the "Comfort" setting for the drive system within the **Individual** drive program. You can find information about this in the Digital Owner's Manual
- the ECO start/stop function is activated
- you are driving carefully with low acceleration of the vehicle
- the engine is at normal operating temperature
- the speed is within a suitable range
- the type of road is suitable, e.g. no steep gradients
- you are no longer depressing the accelerator pedal

Gliding mode is deactivated under the following conditions:

- you have deactivated the ECO start/stop function
- you depress the accelerator pedal
- you depress the brake pedal
- you use the DIRECT SELECT lever to switch the transmission position (▷ page 168)

- you use the DYNAMIC SELECT controller to change the drive program (▷ page 166)
- you activate manual gearshifting (▷ page 172)
- you leave the suitable speed range

Towing a trailer

- Drive in the middle of the engine speed range on uphill gradients.
- ▶ Depending on the uphill or downhill gradient, use left-hand steering wheel gearshift paddle (▷ page 172) to select a lower gear, even if cruise control, DISTRONIC PLUS, or SPEED-TRONIC are activated.

Drive programs

Slippery drive program

The **Slippery** drive program has the following characteristics:

- reduced engine and transmission settings for optimum propulsion on slippery or snow-covered roads.
- optimised ESP[®] stability control on slippery or snow-covered roads.
- the vehicle has improved driving stability on slippery or snow-covered roads, for example.

Comfort drive program

The **Comfort** drive program has the following characteristics:

- comfort-orientated engine and transmission settings.
- optimal fuel consumption resulting from the automatic transmission shifting up sooner.
- the vehicle pulling away more gently in forward and reverse gears unless the accelerator pedal is depressed fully.
- the automatic transmission shifting up sooner. This results in the vehicle being driven at lower engine speeds and the wheels being less likely to spin.

Sport drive program

The **Sport** drive program has the following characteristics:

- sporty engine and transmission settings.
- the automatic transmission shifting up later. As a result of the later automatic transmission shift points, the fuel consumption possibly being higher.
- the suspension exhibits sporty damping (vehicles with AIRMATIC).

Drive program Sport Plus (Mercedes-AMG vehicles)

The **Sport Plus** drive program has the following characteristics:

- the vehicle exhibits particularly sporty driving characteristics.
- the vehicle pulling away in first gear.
- the automatic transmission shifting up later. As a result of the later automatic transmission shift points, the fuel consumption possibly being higher.
- the suspension exhibits particularly firm springing and damping settings (vehicles with AIRMATIC).
- the ECO start/stop function is deactivated, it can, however, be activated again using the ECO button (▷ page 163).

Individual drive program

In the **Individual** drive program, the following properties of the drive program can be selected:

- the drive (engine and transmission management)
- the transmission
- the suspension
- all vehicles (except Mercedes-AMG vehicles): the steering
- all vehicles (except Mercedes-AMG vehicles): availability of the ECO start/stop function

To select the gears in the **Individual** drive program permanently using the steering wheel paddles, select the permanent manual gearshift program.

Information about configuring the **Individual** drive program with the multimedia system can be found in the Digital Owner's Manual.

Manual gearshifting

General notes

You can change gear yourself using the steering wheel gearshift paddles. The transmission must be in position \mathbf{D} .

Depending on which gearshift paddle is pulled, the automatic transmission immediately shifts into the next gear up or down, if permitted.

To use manual shifting, you have two options:

- temporary setting
- permanent setting

If you activate manual gearshifting, the multifunction display will show the current gear instead of transmission position **D**.

If manual gearshifting is deactivated, the gears will be selected automatically.

Temporary setting



- ► To activate: shift the DIRECT SELECT lever to position D.
- ▶ Pull steering wheel gearshift paddle ① or ②.

Further information on activating manual gearshifting on PLUG-IN HYBRID vehicles (> page 267).

Temporary setting will be active for a certain amount of time. Under certain conditions the minimum amount of time is extended, e.g. in the case of lateral acceleration, during an overrun phase or when driving on steep terrain.

► To deactivate: pull steering wheel gearshift paddle ② and hold it in place.

or

► Use the DIRECT SELECT lever to shift the transmission position.

or

► Use the DYNAMIC SELECT controller to change the drive program.

Permanent setting (all vehicles except Mercedes-AMG vehicles)

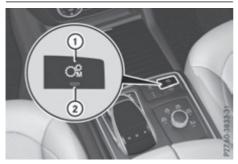


- To activate: shift the DIRECT SELECT lever to position D.
- ▶ Press button ①.
- ► To deactivate: press button ①.

or

► Use the DYNAMIC SELECT controller to change the drive program.

Permanent setting (Mercedes-AMG vehicles)



- To activate: shift the DIRECT SELECT lever to position D.
- Press button ①.
 Indicator lamp ② lights up.

- ► To deactivate: press button ①.
- or
- Use the DYNAMIC SELECT controller to switch to the Individual drive program. Indicator lamp (2) goes out.

Shifting gears

Mercedes-AMG vehicles: the automatic transmission does not shift up automatically even when the engine limiting speed for the current gear is reached. When the engine limiting speed is reached, the fuel supply is cut to prevent the engine from overrevving. Always make sure that the engine speed does not reach the red area of the rev counter. There is otherwise a risk of engine damage.



► To shift up: pull steering wheel gearshift paddle ②.

The automatic transmission shifts up to the next gear.

All vehicles (except Mercedes-AMG vehicles): if the maximum engine speed on the currently engaged gear is reached and you continue to accelerate, the automatic transmission automatically shifts up in order to prevent engine damage.

► To shift down: pull steering wheel gearshift paddle ①.

The automatic transmission shifts down to the next gear.

Automatic downshifting occurs when coasting.

If the engine exceeds the maximum engine speed when shifting down, the automatic transmission protects against engine damage by not shifting down.

Gearshift recommendation



The gearshift recommendations assist you in adopting an economical driving style. The recommended gear is shown in the multifunction display.

Shift to recommended gear (2) according to gearshift recommendation (1) when shown in the multifunction display of the instrument cluster.

Upshifting (Mercedes-AMG vehicles)

The automatic transmission does not shift up automatically even when the engine limiting speed for the current gear is reached. When the engine limiting speed is reached, the fuel supply is cut to prevent the engine from overrevving. Always make sure that the engine speed does not reach the red area of the rev counter. There is otherwise a risk of engine damage.



- ① Gear indicator
- Upshift indicator

Before the engine speed reaches the red area, an upshift indicator will be shown in the multifunction display.

When the UP message appears in the multifunction display, pull on the right-hand steering wheel gearshift paddle.

Kickdown

Mercedes-AMG vehicles: kickdown is only possible in the temporary setting.

- For maximum acceleration, depress the accelerator pedal beyond the pressure point. The transmission shifts to a lower gear depending on the engine speed.
- Shift back up once the desired speed is reached.

During kickdown, you cannot shift gears using the steering wheel gearshift paddles.

If you apply full throttle, the automatic transmission shifts up to the next gear when the maximum engine speed is reached. This prevents the engine from overrevving.

Problems with the transmission

Problem	Possible causes/consequences and Solutions
The transmission has problems shifting gear.	 The transmission is losing oil. Have the transmission checked at a qualified specialist workshop immediately.
7G-TRONIC: The acceleration ability is deteriorating. The transmission no lon- ger changes gear.	 The transmission is in emergency mode. It is only possible to shift into second gear and reverse gear. Stop. Shift the transmission to position P. Switch off the engine. Wait at least ten seconds before restarting the engine. Shift the transmission to position D or R. If D is selected, the transmission shifts into second gear; if R is selected, the transmission shifts into reverse gear. Have the transmission checked at a qualified specialist workshop immediately.
9G-TRONIC: The acceleration ability is deteriorating. The transmission no lon- ger changes gear.	 The transmission is in emergency mode. It is only partly possible to engage the gears or the transmission is in position N. Stop. Shift the transmission to position P. Switch off the engine. Wait at least ten seconds before restarting the engine. Shift the transmission to position D or R. Have the transmission checked at a qualified specialist workshop immediately.

Problems with PLUG-IN HYBRID operation (\triangleright page 271).

Refuelling

Important safety notes

▲ WARNING

Fuel is highly flammable. If you handle fuel incorrectly, there is a risk of fire and explosion.

You must avoid fire, naked flames, creating sparks and smoking. Switch off the engine and, if applicable, the auxiliary heating before refuelling.

Fuels are poisonous and hazardous to health. There is a danger of injury.

Do not swallow fuel or let it come into contact with skin, eyes or clothing. Do not inhale fuel vapours. Keep fuels out of the reach of children.

176 Refuelling

If you or others come into contact with fuel, observe the following:

- Wash the fuel off any affected areas of skin with water and soap immediately.
- If you get fuel in your eyes, rinse them thoroughly with clean water immediately. Seek immediate medical attention.
- If fuel is swallowed, seek immediate medical attention. Do not induce vomiting.
- Change any clothing that has come into contact with fuel immediately.

▲ WARNING

Electrostatic charge can cause sparks and thereby ignite fuel vapours. There is a risk of fire and explosion.

Always touch the vehicle body before opening the fuel filler flap or touching the fuel pump nozzle. This discharges any electrostatic charge that may have built up.

MARNING

Vehicles with a diesel engine:

If you mix diesel fuel with petrol, the flash point of this fuel mixture is lower than that of pure diesel fuel. When the engine is running, components in the exhaust system may overheat unnoticed. There is a risk of fire.

Never refuel with petrol. Never add petrol to diesel fuel.

Do not use petrol to refuel vehicles with a diesel engine. Do not switch on the ignition if you accidentally refuel with the wrong fuel. Otherwise, fuel can enter the fuel system. Even small amounts of the wrong fuel could result in damage to the fuel system and the engine. The repair costs are high. Notify a qualified specialist workshop and have the fuel tank and fuel lines drained completely.

Do not use diesel to refuel vehicles with a petrol engine. Do not switch on the ignition if you accidentally refuel with the wrong fuel. Otherwise, the fuel will enter the fuel system. Even small amounts of the wrong fuel can result in damage to the fuel system and the engine. Notify a qualified specialist workshop

and have the fuel tank and fuel lines drained completely.

• Overfilling the fuel tank could damage the fuel system.

- I Take care not to spill any fuel on painted surfaces. You could otherwise damage the paintwork.
- Use a filter when adding fuel from a fuel can. The fuel lines and/or the fuel injection system could otherwise be blocked by particles from the fuel can.

Do not get into the vehicle again during the refuelling process. Otherwise, electrostatic charge could build up again.

If you overfill the fuel tank, some fuel may spray out when you remove the fuel pump nozzle.

Further information on fuel and fuel quality (\triangleright page 436).

Refuelling

General notes

Observe the important safety notes (\triangleright page 175).

PLUG-IN HYBRID vehicles: pressure in the fuel tank must be released before refuelling.

Except PLUG-IN HYBRID vehicles: if you unlock/lock the vehicle from the outside, the fuel filler flap also unlocks/locks.

The position of the provide the filler cap is displayed in the instrument cluster. The arrow next to the filling pump indicates the side of the vehicle.

Preparing to refuel

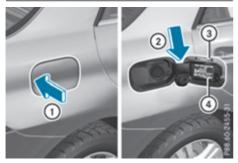
- ▶ Switch off the engine.
- Remove the key from the ignition lock.

or, on vehicles with KEYLESS-GO:

 Open the driver's door. The on-board electronics now have status 0. This is the same as the key having been removed.

The driver's door can be closed again.

Opening the fuel filler flap (except PLUG-IN HYBRID vehicles)



- ① To open the fuel filler flap
- To insert the fuel filler cap
- ③ Instruction label on the fuel type to be refuelled
- ④ Tyre pressure table
- Press the fuel filler flap in the direction of arrow (1).

The fuel filler flap swings up.

- Turn the fuel filler cap anti-clockwise and remove it.
- Insert the fuel filler cap into the holder on the inside of the fuel filler flap.
- Completely insert the filler neck of the fuel pump nozzle into the tank, hook in place and refuel.
- ► Only fill the tank until the pump nozzle switches off.

Do not add any more fuel after the pump stops filling for the first time. Otherwise, fuel may leak out.

Vehicles with a diesel engine: the filler neck is designed for refuelling at diesel filling pumps.

Opening the fuel filler flap (PLUG-IN HYBRID vehicles)



▶ Pull switch ②.

Indicator lamp (1) flashes and the Please wait Depressurising tank message appears in the multifunction display. If the fuel filler cap is unlocked, indicator lamp (1) lights up. The Tank is depressurised Ready for

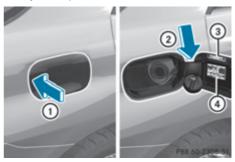
refuelling message appears in the multifunction display.

Please be sure to observe the information on refuelling on the fuel filler flap.

A malfunction has occurred if:

- indicator lamp (1) first flashes and then goes out
- the yellow engine diagnostics warning lamp lights up
- From a speed of 2 km/h, the fuel filler cap can no longer be opened.

The unlocking process for the fuel filler cap may take up to 15 minutes.



- ① To open the fuel filler flap
- To insert the fuel filler cap

- ③ Instruction label on the fuel type to be refuelled
- ④ Tyre pressure table
- Press the fuel filler flap in the direction of arrow (1).
 - The fuel filler flap swings up.
- ► Turn the fuel filler cap anti-clockwise and remove it.
- Insert the fuel filler cap into the holder on the inside of the fuel filler flap.
- Completely insert the filler neck of the fuel pump nozzle into the tank, hook in place and refuel.
- Only fill the tank until the pump nozzle switches off.

Do not add any more fuel after the pump stops filling for the first time. Otherwise, fuel may leak out.

Closing the fuel filler flap

- Replace the cap on the filler neck and turn clockwise until it engages audibly.
- ► Close the fuel filler flap.

Close the fuel filler flap before locking the vehicle.

If you drive at speeds above 2 km/h with the fuel filler flap open, the Fuel filler flap open message is shown in the multifunction display.

● Further information on warning and indicator lamps in the instrument cluster (▷ page 347).

Problems with the fuel and fuel tank

Problem	Possible causes/consequences and Solutions
Fuel is leaking from the vehicle.	 WARNING The fuel line or the fuel tank is faulty. There is a risk of fire or explosion. Apply the electric parking brake. Switch off the engine. Remove the key from the ignition lock. or, on vehicles with KEYLESS-GO start function or KEYLESS-GO: Open the driver's door. The on-board electronics now have status 0. This is the same as the key having been removed. Do not restart the engine under any circumstances. Consult a qualified specialist workshop.
The engine does not start.	 The fuel tank of a vehicle with a diesel engine has been run completely dry. Refuel the vehicle with at least 5 litres of diesel. Turn the ignition on for approximately ten seconds (▷ page 158). Start the engine continuously for a maximum of ten seconds until it runs smoothly. If the engine does not start: Turn the ignition on again for a maximum of ten seconds (▷ page 158). Start the engine again continuously for a maximum of ten seconds until it runs smoothly. If the engine does not start: Start the engine again continuously for a maximum of ten seconds until it runs smoothly. Start the engine again continuously for a maximum of ten seconds until it runs smoothly. Consult a qualified specialist workshop.
The fuel filler flap cannot be opened.	 The fuel filler flap is not unlocked. Unlock the vehicle (▷ page 85). PLUG-IN HYBRID vehicles: depressurise the fuel tank (▷ page 176). The key battery is discharged or nearly discharged. Unlock the vehicle using the emergency key element (▷ page 86).
	 Consult a qualified specialist workshop.

AdBlue[®] (BlueTEC vehicles only)

General notes

To function properly, BlueTEC exhaust gas aftertreatment must be operated with the reducing agent AdBlue[®]. Topping up AdBlue[®] is part of the maintenance work. Under normal operating conditions, a full tank of AdBlue[®] should last until the next service due date.

When the supply of AdBlue[®] is down to approximately 3.8 I, the Refill AdBlue See Own-er's Manual message is shown in the multifunction display.

- ► Add at least 3.8 I of AdBlue[®].
- Switch on the ignition for at least 60 seconds.
- ▶ Start the engine.

You can also have the AdBlue[®] tank refilled at a qualified specialist workshop.

Before driving your vehicle outside Europe, have the AdBlue $^{\circledast}$ supply checked at a qualified specialist workshop.

Further information about BlueTEC exhaust gas aftertreatment and about AdBlue[®] can be obtained from any Mercedes-Benz Service Centre.

Important safety notes

 $\mathsf{AdBlue}^{\circledast}$ is a water-soluble fluid for the exhaust gas aftertreatment of diesel engines. It is:

- non-toxic
- colourless and odourless
- non-flammable

If you open the $\mathsf{AdBlue}^{\circledast}$ tank, small amounts of ammonia vapour may be released.

Ammonia vapours have a pungent odour and are particularly irritating to the skin, to mucous membranes and to the eyes. You may experience a burning sensation in your eyes, nose and throat. You may also experience coughing and watery eyes.

Do not inhale any ammonia vapours that may be released. Only fill the ${\rm AdBlue}^{\circledast}$ tank in well-ventilated areas.

Do not swallow ${\rm AdBlue}^{\circledast}$ or let it come into contact with skin, eyes or clothing. Keep ${\rm AdBlue}^{\circledast}$ away from children.

If you or others come into contact with $\mathsf{AdBlue}^{\texttt{B}},$ observe the following:

- \bullet immediately rinse $\mathsf{AdBlue}^{\circledast}$ off your skin with soap and water.
- if AdBlue[®] comes into contact with your eyes, immediately rinse them thoroughly with clean water. Seek medical attention immediately.
- if AdBlue[®] is swallowed, immediately rinse your mouth out thoroughly. Drink plenty of water. Seek medical attention immediately.
- \bullet change immediately out of clothing that has come into contact with $\mathsf{AdBlue}^\circledast.$
- Only use AdBlue[®] in accordance with ISO 22241. Do not mix any additives with AdBlue[®], and do not dilute AdBlue[®] with water. This may destroy the BlueTEC exhaust gas aftertreatment system.
- In order to fill the AdBlue[®] tank, the vehicle must be parked on a level surface. The AdBlue[®] tank can only be filled as intended with the vehicle parked on a level surface. Fluctuations in capacity will thus be avoided. Filling a vehicle standing on an uneven surface is not permitted. There is a danger of overfilling, which can cause damage to Blue-TEC exhaust gas aftertreatment components.
- Surfaces which have come into contact with AdBlue[®] while refilling should be rinsed immediately with water, or remove AdBlue[®] with a moist cloth and cold water. If AdBlue[®] has already crystallised, use a sponge and cold water to clean the area. AdBlue[®] residue crystallises after a certain amount of time and soils the affected surfaces.
- AdBlue[®] is not a fuel additive and must not be added to the fuel tank. If AdBlue[®] is added to the fuel tank, this can lead to engine damage.

Have the AdBlue[®] tank refilled at a qualified specialist workshop. However, you can also top up the AdBlue[®] tank:

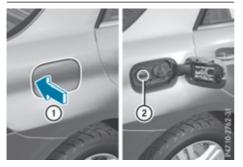
- at a filling station with an $\mathsf{AdBlue}^{\circledast}$ filling pump
- $\ensuremath{^\circ}$ with $\ensuremath{\mathsf{AdBlue}}^{\ensuremath{^\otimes}}$ refill bottles
- with an AdBlue[®] refill canister

When the pump nozzle switches off automatically during filling at a filling pump, the AdBlue[®] tank has been completely filled. Do not fill the $\mathsf{AdBlue}^{\texttt{®}}$ tank any further. $\mathsf{AdBlue}^{\texttt{®}}$ may leak out.

To avoid transporting already opened refill containers in the vehicle, completely empty refill bottles or canisters when filling the AdBlue[®] tank, if possible.

Further information on AdBlue[®] (\triangleright page 439).

Opening the AdBlue® filler cap



The fuel filler flap is unlocked or locked automatically when you open or close the vehicle with the key or using KEYLESS-GO.

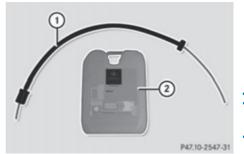
- ► Switch the ignition off.
- ► Press the fuel filler flap in the direction of arrow ①.

The fuel filler flap swings up.

Turn blue AdBlue[®] fuel filler cap (2) anti-clockwise and remove it. AdBlue[®] filler cap (2) is secured with a plastic strip.

AdBlue[®] refill canisters

Do not tighten the disposable hose with too much force. The disposable hose may otherwise be destroyed.





- ► Unscrew the cap from the opening on top of AdBlue[®] refill canister ②.
- Place disposable hose ① on the opening of AdBlue[®] refill canister ② and screw it on clockwise until hand-tight.
- **1** Disposable hose ① remains closed until you fasten disposable hose ① to the AdBlue[®] filler neck of the vehicle.
- Place disposable hose ① on the filler neck on the vehicle and screw it on clockwise until hand-tight. When you feel resistance, disposable hose ① is sufficiently secured.
- ▶ Lift up and tip AdBlue[®] refill canister ②.
- Filling stops when the AdBlue[®] tank is completely filled. Do not fill the AdBlue[®] tank any further. AdBlue[®] refill canister ② can be removed when it has been only partially emptied.
- ► Turn disposable hose ① on the filler neck of the vehicle anti-clockwise and remove it.
- ► Turn disposable hose ① on the opening of AdBlue[®] refill canister ② anti-clockwise and remove it.
- ▶ Reseal AdBlue[®] refill canister ② with the cap.

AdBlue[®] refill canisters are available at many filling stations or at a Mercedes-Benz Service

Centre. AdBlue[®] refill canisters are often sold with a filler hose. A filler hose that does not exactly fit the vehicle's AdBlue[®] tank offers no protection against overfilling. AdBlue[®] may leak out as a result of overfilling. Mercedes-Benz offers a special disposable hose with overfill protection. You can obtain this from any Mercedes-Benz Service Centre. AdBlue[®] is available in a variety of containers and receptacles. Only use the disposable hose with the Mercedes-Benz AdBlue[®] refill canisters.

AdBlue[®] refill bottle

Screw on the AdBlue[®] refill bottle only handtight. It may otherwise be destroyed.



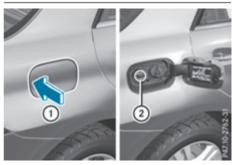
- Unscrew the protective cap from AdBlue[®] refill bottle (1).
- Place AdBlue[®] refill bottle ① on the filler neck as shown and screw it on clockwise until hand-tight.
- Press AdBlue[®] refill bottle 1 towards the filler neck.

The AdBlue[®] tank is filled. This could last up to one minute.

- When AdBlue[®] refill bottle (1) is no longer pressed, filling stops and the bottle may be taken off again after being only partially emptied.
- ▶ Release AdBlue[®] refill bottle ①.
- ► Turn AdBlue[®] refill bottle ① anti-clockwise and remove it.
- Screw the protective cap onto AdBlue[®] refill bottle (1) again.

AdBlue[®] refill bottles are available at many filling stations or at a Mercedes-Benz Service Centre. Refill bottles without a threaded seal offer no protection against overfilling. AdBlue[®] may leak out as a result of overfilling. MercedesBenz offers special refill bottles with a threaded cap. These are available at any Mercedes-Benz Service Centre.

Closing the AdBlue[®] filler cap



- Fit AdBlue[®] filler cap (2) on the filler neck and turn it clockwise.
- ► To close the fuel filler flap, press it in the direction of arrow ①.
- Drive faster than 15 km/h. The Refill AdBlue See Owner's Manual message goes out after approximately one minute.
- If the Refill AdBlue See Owner's Manual message continues to be shown in the multifunction display, you must top up with more AdBlue[®].

Charging the high-voltage battery

Important safety notes

▲ DANGER

The vehicle's high voltage electrical system is under high voltage. If you modify components in the vehicle's high-voltage electrical system or touch damaged components, you may be electrocuted. The components in the vehicle's high-voltage electrical system may be damaged in an accident, although the damage is not visible. There is a risk of fatal injury.

Do not touch any high-voltage components after an accident and never modify the vehicle's high-voltage electrical system. Have the vehicle towed away after an accident and the vehicle's high-voltage electrical system checked by a qualified specialist workshop.

▲ WARNING

In the event of a vehicle fire, the internal pressure of the high-voltage battery could exceed a critical value. In this case, flammable gas escapes through a vent valve in the vehicle's underbody. The gas can ignite. There is a risk of injury.

Leave the danger area immediately. Secure the danger area at a suitable distance, whilst observing legal requirements.

Connecting the charging cable to the mains supply via incorrectly installed mains sockets or by means of adapters, extension cables or similar could cause a fire or an electric shock. There is a risk of fatal injury.

To avoid such risks, observe the following:

- Only connect the charging cable to mains sockets:
 - which have been properly installed and
 - which have been inspected by a qualified electrician
- For safety reasons, only use charging cables which have been supplied with the vehicle or which have been approved for this vehicle.
- Never use a damaged charging cable.
- Do not use:
 - extension cables
 - extension reels
 - multi-outlet sockets
- Never use socket adapters to connect the charging cable to the mains socket. The only exception is if the adapter has been tested and approved by the manufacturer for charging the high-voltage battery of an electric vehicle.
- Observe the safety notes in the operating instructions for the socket adapter.

▲ DANGER

Connecting the charging cable to the mains supply via an incorrectly installed wallbox or by means of adapters, extension cables or similar could cause a fire or an electric shock. There is a risk of fatal injury.

To avoid hazardous situations, observe the following:

- Wallbox without pre-installed cable: for safety reasons, only use charging cables that have been tested and approved by the manufacturer for charging the high-voltage battery in an electric vehicle.
- Only connect the charging cable if the wallbox:
 - has been properly installed and
 - has been inspected by a qualified electrician.
- Never use damaged charging cables.
- Do not extend the charging cable.
- Never use adapters.
- Observe the safety notes in the operating instructions for the wallbox.

The vehicle's high-voltage electrical system is under high voltage.

- Do not handle high-voltage components or the orange cables of the vehicle's high-voltage electrical system.
- Do not touch high-voltage components or the orange cables of the high-voltage electrical system when a vehicle has been involved in a crash.
- Do not touch any damaged components or the damaged orange cables of the vehicle's high-voltage electrical system.
- Do not remove the covers of the high-voltage electrical system components that are marked with a warning sticker.

General notes

Operation

The vehicle is equipped with a high-voltage battery for driving. The high-voltage battery stores the energy needed to operate the electric motor and releases it again.

The electric motor uses energy that has been stored in the high-voltage battery when pulling away, accelerating and during the journey.

In overrun mode, kinetic energy is converted by means of energy recuperation into electrical energy and stored in the high-voltage battery. Information on overrun mode (\triangleright page 269).

The high-voltage battery can be charged as follows:

- through energy recuperation while the vehicle is in motion
- during the journey by the combustion engine in CHARGE operating mode (▷ page 262)
- with the relevant charging cable at a mains socket while the vehicle is stationary
- with the relevant charging cable at a wallbox while the vehicle is stationary
- with the relevant charging cable at a charging station while the vehicle is stationary

The high-voltage battery can be charged in a nominal voltage range from 100 V to 240 V. You can view the charge status of the high-voltage battery in the multifunction display. You can find information in "PLUG-IN HYBRID operation", section "Menus and submenus" under "Energy flow display" (> page 263).

High and low outside temperatures

Low outside temperatures

The maximum performance of the high-voltage battery is significantly reduced at very low outside temperatures. The high-voltage battery is then no longer able to provide the normal electrical power output.

High outside temperatures

To prevent damage to the high-voltage battery due to very high outside temperatures, the maximum power output of the high-voltage battery is reduced by the vehicle.

Energy consumption and electrical range

The maximum electrical range is generally reduced by:

- high and low outside temperatures
- operating the climate control system
- switching on consumers

The battery's physical characteristics are such, that leaving the vehicle parked for long periods at low outdoor temperatures without charging it can lead to:

- a reduction in battery performance
- longer charge times

Notes on battery care

Avoid storing or transporting the vehicle at excessively high or low temperatures over a long period.

If you park the vehicle and leave it stationary for long periods:

- check the charge status of the high-voltage battery more often
- connect the vehicle to a power supply.

This prevents self-discharge and damage to the high-voltage battery.

Terms of use

Please note the information on exceptions and limitations in the warranty documentation and in the Service Booklet.

Handling the charging cable and charging cable controls

Do not leave the charging cable controls (> page 185) hanging loose from a mains socket. Otherwise, this could result in a poor contact with the mains socket and malfunctions when charging the vehicle.

To ensure that the brackets within the charging cable controls are not subjected to incorrect loads, observe the following:

- never lift or carry the controls by the charging cable connector or the mains plug
- to transport the charging cable, the charging cable can be:
 - charging cable variant 1: wrapped around the controls or secured to the control housing.
 - charging cable variant 2: wrapped around the controls and secured with a strap

Information on charging cable variants can be found under "Charging cable for mains sockets" (> page 185).

Heat generated by the charging cable and charging cable connector

Observe the "Important safety notes" (▷ page 182).

During the charging process, the charging cable and charging cable connector may heat up.

The charging cable and the charging cable connector will only heat up within the permissible limiting values, provided that:

- the mains power supply and the charging cable are not damaged
- the instructions for handling the charging cable and controls on the charging cable are observed

If the charging cable or charging cable connector become too hot, have the mains power supply checked.

Protection against overvoltage

Voltage surges in the mains supply can damage the vehicle. The vehicle is therefore equipped with a device which protects it from voltage surges in the mains supply. This device may be triggered during severe thunderstorms, for example, and may lead to the building's fuse being tripped and an interruption in the power supply. These functions protect the vehicle. After the building fuse is switched on again, the charging process resumes automatically. Following an interruption in the power supply or tripping of the building's fuse, it may take up to 10 minutes for charging to resume automatically.

Reset the building's circuit breaker. Otherwise, the charging process cannot be continued.

General information on the charging process

Observe the "Important safety notes" (▷ page 182).

The vehicle socket is located in the rear bumper on the right below the tail lamp.

The charge socket flap and the vehicle are centrally locked or unlocked simultaneously.

Charging the high-voltage battery via the mains socket

Charging cable for mains sockets

Important safety notes

• Only use the charging cable to charge the high-voltage battery. Do not use the charging cable for other purposes. It may otherwise be damaged.

The vehicle is supplied with a country-specific charging cable, variant 1 or variant 2, for connection to a mains socket. The controls of the two charging cable variants are different. Only use the charging cable supplied with the vehicle or a charging cable approved for the vehicle.

- (1) The charging process can vary depending on the mains power supply. Therefore, always observe the local information.
- For short charge times (charging with 16 A), connect the fast-charging cable to a wallbox or charging station without a preinstalled cable. You can also use the optionally available charging cable with the CE plug.

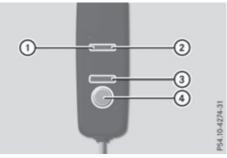
Information about charging from a wallbox (> page 188).

Information about charging from a charging station (\triangleright page 189).

Stowing the charging cable

The charging cable can be stowed and secured in the bag provided in the luggage compartment of the vehicle.

Controls, charging cable variant 1



- ① On-board voltage indicator
- (2) Protective and indicator system display
- ③ Charge current indicator
- ④ Charge current setting button

Driving and parking

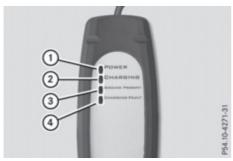
When displays (1) and (2) on the charging cable light up, this means the following:

Display 🕦	
Lights up green	The on-board voltage is con- nected. The high-voltage bat- tery can be charged.
Flashes red	The power supply from the building is faulty.
Display ②	
Lights up green	There are no faults. The high- voltage battery can be charged.
Lights up red	The protective and indicator system has detected a fault due to an internal malfunc- tion. The high-voltage battery cannot be charged.

If the control detects residual current or a malfunction, the charging process is halted. Once the malfunction has been rectified the charging process is resumed automatically.

Information on problems relating to the charging process (\triangleright page 190).

Controls on charging cable, variant 2



- ① POWER on-board voltage indicator
- ② CHARGING charging process indicator
- ③ GROUND PRESENT insulation monitoring indicator
- ④ CHARGING FAULT protective and indicator system display

If displays on the charging cable light up, this means the following:

Indicator lamp	Meaning
① Yellow	Lights up when the on-board voltage is connected. The high-voltage battery can be charged.
② Green	Lights up when the high-volt- age battery is charging.
③ Yellow	Lights up when the mains socket is adequately earthed. The mains socket must be properly installed. If there is a defect-free connection to the mains socket, the high-volt- age battery will always charge regardless of the earthing.
④ Red	Lights up if the connection to the vehicle is faulty. Remove the charging cable connector from the vehicle socket and then reinsert it into the vehi- cle socket as far as it will go. Flashes if residual current has been detected or there is an internal fault. The high-volt- age battery cannot be charged.

If the control detects residual current or a malfunction, the charging process is halted. Once the malfunction has been rectified the charging process is resumed automatically.

Information on problems relating to the charging process (\triangleright page 190).

Setting the maximum charge current

If the charge current draw via a mains socket is too high during the charging process, the external mains supply may overheat. There is a risk of fire.

Before charging, check the maximum permissible charge current available at the location. If necessary, contact a qualified specialist company for assistance.

Adjust your vehicle's settings, if necessary.

If the charge current is too high, the fuse could be tripped or the external mains supply could overheat. Check if the external mains supply is equipped to handle the programmed charge current. If necessary, reduce the programmed charge current or use a different mains socket.

Before starting the charging process at a power socket, check the maximum permissible charge current for the relevant power socket or the building.

You can set the maximum permissible charge current

- on the charging cable controls (only charging cable variant 1)
- in the Settings menu of the on-board computer (▷ page 292).

The lower value of the two charge current settings – on the charge cable controls and in the on-board computer – determines the maximum charge current. If you cannot set the precise maximum permitted charge current, select the next lowest available value.

Only set the maximum permitted charge current in the on-board computer menu if:

- it is not possible to set the charge current on the charging cable
- the precise maximum permitted charge current can only be set via the on-board computer.

Setting the maximum permitted charge current on the charging cable of variant 1 is described below.

- ► To adjust the setting: press button ④ repeatedly until the desired setting is selected in display ③.
 - Two LEDs are flashing: minimum setting
 - All LEDs are flashing: maximum setting

If, after the charging process, the charging cable is:

- left connected to the power socket, the currently selected values will be used for the next charging process.
- removed from the power socket, the values will be reset to the minimum setting for the next charging process. You may then need to reset the values of the maximum charge current.
- 1 If the vehicle requires more time than usual when charging, check the maximum charge

current settings using the controls on the charging cable or in the on-board computer's menu.

Indicator lamps on the vehicle socket

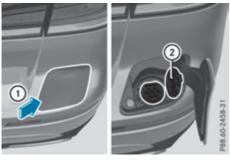
When the indicator lamps on the vehicle socket light up, this means the following:

Left indica- tor lamp ເອີ	
Lights up white	The vehicle socket is released. The charging cable can be removed or connected.
Flashes white	The charging cable connector is not correctly inserted and cannot be locked. Remove the charging cable connector from the vehicle socket and then reinsert it into the vehi- cle socket as far as it will go.
Right indica-	

Right indica- tor lamp	
Flashes orange	The connection between the vehicle and the current source is being established before charging begins.
Flashes green	The high-voltage battery is charging.
Flashes red	A malfunction has occurred while charging. The indicator lamp goes out after approximately 90 seconds.
Lights up orange	Charging of the high-voltage battery has been temporarily interrupted. The indicator lamp goes out after approximately 90 seconds.
Lights up green	The high-voltage battery is fully charged. The indicator lamp goes out after approximately 90 seconds.

If the indicator lamps are off, lock or unlock the vehicle. The indicator lamps will then display the current status of the charging process again.

Connecting the charging cable





- ► Shift the transmission to position **P**.
- ► Switch the ignition off.
- Press the charge socket flap in the direction of arrow (1).

The charge socket flap swings up.

The \bigcirc left indicator lamp (3) lights up.

- ▶ Open socket cap ②.
- Insert the mains plug into the mains socket to the stop.
- ► Insert the charging cable connector into vehicle socket ⑤ to the stop.

The \bigcirc left indicator lamp (3) goes out and the vehicle socket is locked.

The indicator lamp (4) first flashes orange and then green.

The high-voltage battery is charging.

If the charging cable is plugged in to the vehicle, you cannot start the engine or move the vehicle.

When the charging process begins, you can view the charging prediction in the Settings menu of the on-board computer. The charging prediction is either the anticipated charge status at the programmed departure time or the time when the high-voltage battery will be fully charged (\triangleright page 292).

() Depending on the temperature, the cooling fan and battery cooling system may audibly switch on during the charging process.

Removing the charging cable

The high-voltage battery is fully charged when:

- the charge level display reaches 100% in the multifunction display (▷ page 263)
- the injust indicator lamp on the vehicle socket lights up green after unlocking or locking the vehicle.

- Remove the charging cable connector from vehicle socket (5) within 30 seconds. Otherwise the vehicle socket will relock.
- ▶ Close socket cap ②.
- ▶ Close charge socket flap ①.
- ► Disconnect the mains plug from the mains socket and stow away the charging cable safely in the vehicle (▷ page 185).

Charging the high-voltage battery from the wallbox

General notes

It is recommended that you charge your vehicle using a wallbox or at a charging station.

Use the optionally available fast-charging cable when charging your vehicle from a wallbox without a preinstalled cable. The charging cable is stored in a bag in the luggage compartment.

Only use charging cables that have been tested and approved by the manufacturer for charging the high-voltage battery in an electric vehicle.

Make sure that the maximum charging current is not limited in the Settings menu of the onboard computer. You must select the maximum value if charging at a wallbox or a charging station (\triangleright page 292).

Observe the "Important safety notes" (\triangleright page 182).

Connecting the charging cable





- ▶ Shift the transmission to position **P**.
- ► Switch the ignition off.
- Press the charge socket flap in the direction of arrow (1).

The charge socket flap swings up.

The \bigcirc left indicator lamp (3) lights up.

- ▶ Open socket cap ②.
- Insert the charging cable connector into vehicle socket (5) to the stop.
 The O left indicator lamp (3) goes out and the vehicle socket is locked.
- Wallbox without a preinstalled cable: insert the charging cable connector into the power socket of the wallbox to the stop.

The right indicator lamp (4) first flashes orange and then green after the charging cable has been connected. The high-voltage battery is charging.

If the charging cable is plugged in to the vehicle, you cannot start the engine or move the vehicle.

When the charging process begins, you can view the charging prediction in the Settings menu of the on-board computer. The charging prediction is either the anticipated charge status at the programmed departure time or the time when the high-voltage battery will be fully charged (\triangleright page 292).

() Depending on the temperature, the cooling fan and battery cooling system may audibly switch on during the charging process.

Removing the charging cable

The high-voltage battery is fully charged when:

- the charge level display reaches 100% in the multifunction display (▷ page 263)
- the injust indicator lamp on the vehicle socket lights up green after unlocking or locking the vehicle.

- Remove the charging cable connector from vehicle socket (5) within 30 seconds. Otherwise the vehicle socket will relock.
- ▶ Close socket cap ②.
- ▶ Close charge socket flap ①.
- Wallbox without a preinstalled cable: remove the charging cable connector from the wallbox socket and stow the charging cable safely in the vehicle (▷ page 185).

Charging the high-voltage battery at the charging station

Before beginning the charging process at a charging station without communication capabilities, you must first activate the station, e.g. using an RFID card. Observe the on-site operator instructions for the charging station.

Connecting the vehicle to a charging station is identical to connecting it to a wallbox (> page 188).

Problems with the charging process

Problem	Possible causes/consequences and ► Solutions
The charge socket flap cannot be opened.	The charge socket flap is not unlocked. ► Unlock the vehicle (▷ page 85).
	If the key battery is discharged:
	 ► Unlock the driver's door using the emergency key element (▷ page 86). or
	► Unlock the vehicle centrally from the inside (▷ page 91).
	The charge socket flap is unlocked, but the opening mechanism is jammed. ► Lock the vehicle and unlock it again.
	If, after that, the opening mechanism is still jammed:
	 Consult a qualified specialist workshop.
The charging cable can- not be inserted into the vehicle socket.	The vehicle is locked. ► Unlock the vehicle (▷ page 85).
	 The vehicle socket is locked. Shift the transmission to position P. Switch the ignition off.
The high-voltage battery is not being charged.	The indicator lamp on the vehicle socket flashes red. A malfunction has occurred during the initialisation of the charging process or during charging.
	Remove the charging cable connector from the vehicle socket and re-insert it into the vehicle socket.
	If the problem persists:
	Have the power socket checked or use another power socket. or
	 Use a different charging station.
	Or
	 Consult a qualified specialist workshop.
	Indicator lamp in the vehicle socket goes out The connection between the vehicle and the external current source cannot be established.
	 Connect the charging cable again.
	If the problem persists:
	► Have the power socket checked or use another power socket.
	 Use a different charging station. or
	 Consult a qualified specialist workshop.

Problem	Possible causes/consequences and ► Solutions
The charging cable con- nector cannot be removed from the vehi- cle socket.	 The charging cable connector has not been unlocked. Press the button on the key. The result indicator lamp on the vehicle socket lights up. The charging cable connector is unlocked. Remove the charging cable connector from the vehicle socket.
	 The charging cable connector is blocked. Pull the charging cable close enough to the charging cable connector so that the charging cable connector is not under strain. Lock the vehicle and unlock it again. Remove the charging cable connector from the vehicle socket. If the charging cable connector continues to be blocked, consult a qualified specialist workshop.

Parking

Important safety notes

▲ WARNING

Flammable material such as leaves, grass or twigs may ignite if they come into contact with hot parts of the exhaust system or exhaust gas flow. There is a risk of fire.

Park the vehicle so that no flammable material can come into contact with hot vehicle components. In particular, do not park on dry grassland or harvested grain fields.

▲ WARNING

If you leave children unattended in the vehicle, they may be able to set the vehicle in motion if, for example, they:

- release the parking brake
- shift the automatic transmission out of park position $\ensuremath{\textbf{P}}$
- start the engine

In addition, they may operate vehicle equipment and become trapped. There is a risk of an accident and injury.

When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle. Always secure the vehicle correctly against rolling away. Otherwise, the vehicle or its drivetrain could be damaged.

To ensure that the vehicle is safeguarded against rolling away unintentionally:

- the electric parking brake must be applied.
- the transmission must be in position **P** and the key must be removed from the ignition lock
- the front wheels must be turned towards the kerb on steep uphill or downhill gradients
- the empty vehicle must be secured at the front axle with a wheel chock or similar object, for example, on uphill or downhill gradients
- a laden vehicle must also be secured at the rear axle with a wheel chock or similar object, for example, on uphill or downhill gradients

Switching off the engine

Important safety notes

MARNING

The automatic transmission switches to neutral position **N** when you switch off the engine. The vehicle may roll away. There is a risk of an accident.

After switching off the engine, always switch to parking position **P**. Prevent the parked vehicle from rolling away by applying the parking brake.

Using the key

- ► Apply the electric parking brake.
- ► Shift the transmission to position **P**.
- ► Turn the key to position **0** in the ignition lock and remove it.
 - The immobiliser is activated.

If you switch the engine off with the transmission in position ${\bf R}$ or ${\bf D},$ the automatic transmission shifts to ${\bf N}$ automatically.

If you then open the driver's door or the frontpassenger door or remove the key from the ignition, the automatic transmission shifts to **P**.

If you want the automatic transmission to remain in neutral ${\bf N},$ e.g. when having the vehicle cleaned in an automatic car wash with a towing system:

- ▶ Switch the ignition on.
- Depress the brake pedal and keep it depressed.
- ► Shift to neutral N.
- ► Release the brake pedal.
- ▶ Release the electric parking brake.
- Switch off the ignition and leave the key in the ignition lock.

Using KEYLESS-GO

- ► Apply the electric parking brake.
- ▶ Shift the transmission to position **P**.
- ► Press the Start/Stop button (▷ page 158). The engine stops and all the indicator lamps in the instrument cluster go out.

If you switch the engine off with the transmission in position ${\bf R}$ or ${\bf D},$ the automatic transmission shifts to ${\bf N}$ automatically.

If you then open the driver's or front-passenger door, the automatic transmission shifts to ${\bf P}.$

If you want the automatic transmission to remain in neutral ${\bf N},$ e.g. when having the vehicle cleaned in an automatic car wash with a towing system:

- Remove the Start/Stop button from the ignition lock.
- ▶ Insert the key into the ignition lock.
- ▶ Switch the ignition on.
- Depress the brake pedal and keep it depressed.
- ► Shift to neutral N.

- ▶ Release the brake pedal.
- ▶ Release the electric parking brake.
- Switch off the ignition and leave the key in the ignition lock.
- The engine can be switched off while the vehicle is in motion by pressing and holding the Start/Stop button for about three seconds. This function operates independently of the ECO start/stop automatic engine switchoff function.

Electric parking brake

General notes

MARNING

If you leave children unattended in the vehicle, they may be able to set the vehicle in motion if, for example, they:

- release the parking brake
- shift the automatic transmission out of park position $\ensuremath{\textbf{P}}$
- start the engine

In addition, they may operate vehicle equipment and become trapped. There is a risk of an accident and injury.

When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unattended in the vehicle.

The function of the electric parking brake is dependent on the on-board voltage. If the onboard voltage is low or if there is a malfunction in the system, it may not be possible to apply the released parking brake.

- If this is the case, only park the vehicle on level ground and secure it to prevent it from rolling away.
- Shift the automatic transmission to position
 P.

It may not be possible to release an applied parking brake if the on-board voltage is low or if there is a malfunction in the system. Contact a qualified specialist workshop.

1 The electric parking brake carries out a function check at regular intervals when the engine is switched off. Noises that occur are normal.

Applying or releasing manually



- ► To apply: push handle ①. When the electric parking brake is applied, the red () indicator lamp lights up in the instrument cluster.
- 1 The electric parking brake can also be applied when the key is removed.
- ► To release: pull handle ①. The red () indicator lamp in the instrument cluster goes out.
- The electric parking brake can only be released:
 - when the key is in position 1 in the ignition lock (▷ page 158) or
 - if the ignition was switched on using the Start/Stop button

To ensure that you do not roll backwards when pulling away on an uphill slope, you can apply the electric parking brake (\triangleright page 161).

Applying automatically

The electric parking brake is automatically applied when the transmission is in position **P** and:

- the engine is switched off or
- the driver is not wearing a seat belt and the driver's door is opened

To prevent the electric parking brake from being automatically applied, pull handle ①.

The electric parking brake is also applied automatically if:

- DISTRONIC PLUS brings the vehicle to a standstill or
- the HOLD function is keeping the vehicle stationary
- Active Parking Assist is keeping the vehicle stationary

In addition, at least one of the following conditions must be fulfilled:

- the engine is switched off
- the driver is not wearing a seat belt and the driver's door is opened
- there is a system malfunction
- the power supply is insufficient
- the vehicle is stationary for a lengthy period The red () indicator lamp in the instrument cluster lights up.

The electric parking brake is not automatically applied if the engine is switched off by the ECO start/stop function.

Releasing automatically

The electric parking brake is released automatically when all of the following conditions are fulfilled:

- the engine is running
- the transmission is in position **D** or **R**
- the seat belt is fastened
- you depress the accelerator pedal

If the transmission is in position \mathbf{R} , the boot lid must be closed.

If your seat belt is not fastened, the following conditions must be fulfilled to automatically release the electric parking brake:

- the driver's door is closed
- you have shifted out of transmission position ${\bf P}$ or you have previously driven faster than 3 km/h
- **1** Ensure that you do not depress the accelerator pedal unintentionally. Otherwise, the parking brake will be released and the vehicle will start to move.

Emergency braking



The vehicle can also be braked during an emergency by using the electric parking brake.

► While driving, push handle ① of the electric parking brake.

The vehicle is braked for as long as the handle of the electric parking brake is pressed. The longer the electric parking brake handle is depressed, the greater the braking force.

During braking:

- a warning tone sounds
- the Release park. brake message appears
- the red () indicator lamp in the instrument cluster flashes

When the vehicle has been braked to a standstill, the electric parking brake is applied.

Parking up the vehicle

If you leave the vehicle parked up for longer than four weeks, the battery may be damaged by exhaustive discharging.

If you leave the vehicle parked up for longer than six weeks, it may suffer from lack of use.

- Contact a qualified specialist workshop and seek advice.
- **1** You can obtain information about trickle chargers from a qualified specialist work-shop.

PLUG-IN HYBRID vehicles: observe the important safety notes for the high-voltage battery (\triangleright page 394).

Driving tips

General notes

Important safety notes

≜ WARNING

If you switch off the ignition while driving, safety-relevant functions are only available with limitations, or not at all. This could affect, for example, the power steering and the brake boosting effect. You will require considerably more effort to steer and brake. There is a risk of an accident.

Do not switch off the ignition while driving.

Drive sensibly - save fuel

Observe the following tips to save fuel:

- The tyres should always be inflated to the recommended tyre pressure.
- Remove unnecessary loads.
- Remove roof carriers when they are not needed.
- ▶ Warm up the engine at low engine speeds.
- Avoid frequent acceleration or braking.
- Have all maintenance work carried out as indicated by the service intervals in the Service Booklet or by the service interval display.

Fuel consumption also increases when driving in cold weather, in stop-start traffic, on short journeys and in hilly terrain.

ECO display

The ECO display shows you how economical your driving style is. The ECO display assists you in achieving the most economical driving style for the selected settings and prevailing conditions. Consumption can be significantly influenced by your driving style.



- ① Acceleration
- 2 Coasting
- ③ Constant
- ④ Additional range achieved

Range ④ is shown under Bonus fr. start and represents the additional range achieved since the beginning of the journey as a result of an adapted driving style.

If the fuel level has dropped into the reserve range, the **Reserve fuel** message is shown in the multifunction display instead of range (4). In addition, the warning lamp in the instrument cluster lights up (\triangleright page 347).

The ECO display consists of three sections, with an inner and outer area. The sections correspond to the following three categories:

- (1) Acceleration (evaluation of all acceleration processes):
 - the outer area fills up and the inner area lights up green: moderate acceleration, especially at higher speeds
 - the outer area empties and the inner area is grey: sporty acceleration
- Coasting (evaluation of all deceleration processes):
 - the outer area fills up and the inner area lights up green: anticipatory driving, keeping your distance and early release of the accelerator. The vehicle can coast without use of the brakes.
 - the outer area empties and the inner area is grey: frequent heavy braking
- 3 **Constant** (continuous evaluation over the entire journey):
 - the outer area fills up and the inner area lights up green: constant speed and avoidance of unnecessary acceleration and deceleration
 - the outer area empties and the inner area is grey: fluctuations in speed

The three inner areas display the current driving style and light up green as a result of a particularly economical driving style. Depending on the driving situation, up to two areas may light up simultaneously.

At the beginning of the journey, the three outer areas are empty and fill up as a result of economical driving. A higher level indicates a more economical driving style. If the three outer areas are completely filled at the same time, the driver has adopted the most economical driving style for the selected settings and prevailing conditions. The ECO display border lights up.

The ECO display does not indicate the actual fuel consumption. The additionally achieved range displayed under Bonus fr. start does not indicate a fixed consumption reduction.

In addition to driving style, the actual consumption is affected by other factors, such as:

- load
- tyre pressure
- cold start
- choice of route
- the use of electrical consumers

These factors are not included in the ECO display.

An economical driving style involves driving at a moderate engine speed.

To achieve a higher value in the categories "Acceleration" and "Constant":

- observe the gearshift recommendation
- drive the vehicle in the **Comfort** drive program.

On long journeys at a constant speed, e.g. on the motorway, only the outer area for "Constant" will change.

The ECO display summarises the driving style from the start of the journey to its completion. Therefore, there are more marked changes in the outer areas at the start of a journey. During a prolonged driving time, these changes are smaller. For more marked changes, perform a manual reset (▷ page 285).

Further information on the ECO display (\triangleright page 285).

Braking

Important safety notes

MARNING

If you shift down on a slippery road surface in an attempt to increase the engine's braking effect, the drive wheels could lose their grip. This increases the risk of skidding and having an accident.

Do not shift down for additional engine braking on a slippery road surface.

Downhill gradients

Do not depress the brake pedal continuously while the vehicle is in motion, e.g. never cause the brakes to rub by constantly applying light pressure to the pedal. This results in excessive and premature wear to the brake pads. Use the left-hand gearshift paddle to shift to a lower gear on long and steep downhill gradients. Take particular note of this when driving a laden vehicle.

1 This also applies if you have activated cruise control, SPEEDTRONIC or DISTRONIC PLUS.

This will use the braking effect of the engine, so less braking will be required to maintain vehicle speed. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly.

Heavy and light loads

MARNING

The braking system can overheat if you leave your foot on the brake pedal while driving. This increases the braking distance and could even cause the braking system to fail. There is a risk of an accident.

Never use the brake pedal as a footrest. Do not simultaneously depress both the brake pedal and the accelerator pedal while driving.

Depressing the brake pedal constantly results in excessive and premature wear to the brake pads.

If heavy demands are made on the brakes, do not park the vehicle immediately. Drive on for a short while. This allows the airflow to cool the brakes more quickly.

If the brakes have been used only moderately, you should occasionally test their effectiveness. To do this, brake more firmly from a higher speed. This improves the grip of the brakes.

Wet road surfaces

If you have driven for a long time in heavy rain without braking, there may be a delayed reaction from the brakes when braking for the first time. This may also occur after a car wash or after driving through deep water.

You will have to depress the brake pedal more firmly. Maintain a greater distance to the vehicle in front.

After driving on a wet road or having the vehicle washed, brake firmly while paying attention to the traffic conditions. This will warm up the brake discs, thereby drying them more quickly and protecting them against corrosion.

Limited braking performance on salttreated roads

If you drive on salt-treated roads, a layer of salt may form on the brake discs and pads. This can increase the braking distance considerably.

- Apply the brakes occasionally in order to prevent any salt build-up. Ensure that you do not endanger other road users when doing so.
- Carefully depress the brake pedal at the end of the journey and when starting the next journey.
- Maintain a much greater distance to the vehicle in front.

New brake pads/linings

Brake pads/linings and discs that are either new or have been replaced only achieve optimum braking effect after several hundred kilometres of driving. Compensate for the reduced braking effect by applying greater force to the brake pedal.

For safety reasons, Mercedes-Benz recommends that you only have brake pads/linings fitted to your vehicle which have been approved for Mercedes-Benz vehicles or which correspond to an equivalent quality standard. Brake pads/linings which have not been approved for Mercedes-Benz vehicles or which are not of an equivalent quality could affect your vehicle's operating safety.

High-performance brake system (Mercedes-AMG vehicles)

The high-performance brake system is designed for high loads. This may lead to noise when braking. This is dependent on:

- speed
- braking force
- environmental conditions, such as temperature and humidity

The wear of individual brake system components such as the brake pads/linings or brake discs depends on individual driving style and operating conditions.

For this reason, it is impossible to state a mileage (service life) that will be valid under all circumstances. An aggressive driving style will lead to high wear. You can obtain further information about this from your Mercedes-Benz Service Centre. Brake pads/linings and discs that are either new or have been replaced only achieve optimum braking effect after several hundred kilometres of driving. Compensate for the reduced braking effect by applying greater force to the brake pedal. Always be aware of this and adapt your driving and braking accordingly during the running-in period.

Excessive heavy braking results in correspondingly high brake wear. Observe the \bigcirc brake wear warning lamp in the instrument cluster and note any brake status messages in the multifunction display. If you regularly drive at high speeds, it is particularly important to have the brake system checked and maintained regularly.

Driving on wet roads

Aquaplaning

If water has accumulated to a certain depth on the road surface, there is a danger of aquaplaning occurring, even if:

- you are driving at low speeds
- the tyres have adequate tread depth

For this reason, drive in the following manner in the event of heavy rain or in conditions in which aquaplaning can occur:

- lower your speed
- avoid tyre ruts
- avoid sudden steering movements
- brake carefully

Driving on flooded roads

Bear in mind that vehicles travelling in front or in the opposite direction create waves. This may cause the maximum permissible water depth to be exceeded.

These notes must be observed under all circumstances. You could otherwise damage the engine, the electronics or the transmission.

If you must drive on stretches of road on which water has collected, please bear in mind that:

- in the case of standing water, the water level must be no higher than the lower edge of the vehicle body
- you should drive no faster than walking pace

Off-road fording

- Under no circumstances should you accelerate before entering the water. The bow wave could cause water to enter and damage the engine and neighbouring assemblies.
- Do not open any of the vehicle's doors while fording. Otherwise, water could get into the vehicle interior and damage the vehicle's electronics and interior equipment.
- Establish how deep the water is and the characteristics of the body of water before fording.
- Select the highest possible vehicle level.
- Shift to a lower gear using the left-hand steering wheel gearshift paddle.
- Avoid high engine speeds.
- Enter and exit the water at a flat place and at a steady walking pace.
- Drive slowly and at a constant speed through the water.
- Ensure that a bow wave does not form as you drive.
- Do not stop and do not switch off the engine. Water offers a high degree of resistance, the ground is slippery and, in some cases, unstable. Therefore, it is difficult and dangerous to pull away in the water.
- Clean any mud from the tyre tread after fording.
- Apply the brakes to dry them after fording.

Always observe the fording depth values (\triangleright page 444).

Winter driving

If you shift down on a slippery road surface in an attempt to increase the engine's braking effect, the drive wheels could lose their grip. This increases the risk of skidding and having an accident.

Do not shift down for additional engine braking on a slippery road surface.

If the exhaust pipe is blocked or adequate ventilation is not possible, poisonous gases

such as carbon monoxide (CO) may enter the vehicle. This is the case, e.g. if the vehicle becomes trapped in snow. There is a risk of fatal injury.

If you leave the engine or the auxiliary heating running, make sure the exhaust pipe and area around the vehicle are clear of snow. To ensure an adequate supply of fresh air, open a window on the side of the vehicle that is not facing into the wind.

Take care not to damage the sealing strip and the moulding on the side of the rear window when scraping ice off the rear window.

Have your vehicle winterproofed at a qualified specialist workshop at the onset of winter. You should drive particularly carefully on slippery road surfaces. Avoid sudden acceleration, steering and braking manoeuvres. Do not use cruise control or DISTRONIC PLUS.

If the vehicle threatens to skid or cannot be stopped when moving at low speed:

- \blacktriangleright Shift the transmission to position N.
- Try to bring the vehicle under control by using corrective steering.

When driving in snow with or without snow chains, select driving program **Slippery** (> page 166).

The outside temperature indicator is not designed to serve as an ice-warning device and is therefore unsuitable for that purpose. Changes in the outside temperature are displayed after a short delay.

Indicated temperatures just above the freezing point do not guarantee that the road surface is free of ice. The road may still be icy, especially in wooded areas or on bridges. You should pay special attention to road conditions when temperatures are around freezing point.

Further information on driving with snow chains (\triangleright page 408).

Further information on driving with summer tyres (\triangleright page 407).

Observe the notes in the "Winter operation" section (\triangleright page 407).

Off-road driving

Important safety notes

MARNING

If you drive on a steep incline at an angle or turn on a steep incline, the vehicle could slip sideways, tip and overturn. There is a risk of an accident.

When driving on an incline, drive into the line of fall (upwards or downwards in a straight line) and do not turn.

▲ WARNING

Flammable material such as leaves, grass or twigs may ignite if they come into contact with hot parts of the exhaust system. There is a risk of fire.

When driving off road or on unpaved roads, check the vehicle's underside regularly. In particular, remove parts of plants or other flammable materials which have become trapped. In the case of damage, contact a qualified specialist workshop.

MARNING

If the vehicle level is high, the vehicle centre of gravity is raised. This could cause the vehicle to tip over more easily on uphill or downhill gradients. There is a risk of an accident.

Select the lowest possible vehicle level.

I There is a risk of damage to the vehicle if:

- the vehicle becomes stuck, e.g. on a high kerb or an unpaved road
- you drive too fast over an obstacle, e.g. a kerb or a pothole in the road
- a heavy object strikes the underbody or parts of the chassis

In situations like this, the body, the underbody, chassis parts, wheels or tyres could be damaged without the damage being visible. Components damaged in this way can unexpectedly fail or, in the case of an accident, no longer withstand the strain they are designed for.

If the underbody panelling is damaged, combustible materials such as leaves, grass or twigs can gather between the underbody and the underbody panelling. If these materials come in contact with hot parts of the exhaust system, they can catch fire.

In such situations, have the vehicle checked and repaired immediately at a qualified specialist workshop. If, upon continuing your journey, you notice that driving safety is impaired, pull over and stop the vehicle immediately, paying attention to road and traffic conditions. In such cases, consult a qualified specialist workshop.

qualified spenuing your s safety is vehicle immed and traffic sult a qualified s such as sand, ith oil may get a reduction in ce failure as a king characne substances e brakes after

When driving off-road, substances such as sand, mud and water or water mixed with oil may get into the brakes. This may lead to a reduction in braking performance or total brake failure as a result of increased wear. The braking characteristics will vary depending on the substances that get into the brakes. Clean the brakes after driving off-road. If you notice grinding noises or a reduction in braking performance, have the brake system checked at a qualified specialist workshop immediately. Adapt your driving style to the altered braking characteristics.

Driving off-road increases the possibility of damage to the vehicle, which may cause assemblies or systems to fail. Adapt your driving style to the conditions of the terrain. Drive carefully. Have vehicle damage rectified immediately at a qualified specialist workshop.

Do not shift into transmission position \mathbf{N} when driving off-road. You could lose control of the vehicle if you attempt to brake the vehicle using the service brake. If the gradient is too steep for your vehicle, back up in reverse gear.

General notes

Environmental note

Protection of the environment is of primary importance. Treat nature with respect. Observe all prohibiting signs.

Read this section before driving your vehicle offroad. Practise by driving over more gentle offroad terrain first. The following driving systems are specially adapted to off-road driving:

- the Offroad drive program (vehicles without Off-Road Engineering package)
 (▷ page 254)
- Offroad and Offroad Plus drive programs (vehicles with Off-Road Engineering package) . (▷ page 254)
- LOW RANGE offroad gear (vehicles with the Off-Road Engineering package) (▷ page 255)
- Differential lock (vehicles with the Off-Road Engineering package) (▷ page 255)
- Off-road ABS (▷ page 71)
- Offroad 4ETS (▷ page 76)
- Offroad $ESP^{(R)}$ (\triangleright page 77)
- AIRMATIC package (vehicle level) (▷ page 220)
- DSR (Downhill Speed Regulation) (▷ page 252)

Observe the following notes:

- Stop the vehicle before driving off-road. If necessary, select the offroad program (▷ page 254) or shift to the LOW RANGE offroad gear (▷ page 255).
- Select a vehicle level suitable for the off-road terrain. To avoid damaging the vehicle, make sure there is always sufficient ground clearance.
- Make sure that items of luggage and loads are stowed safely and are well secured (▷ page 355).
- Always keep the engine running and in gear when driving on a downhill gradient. Activate DSR (▷ page 252).
- Drive slowly and evenly, if necessary at walking pace.
- Ensure that the wheels are in contact with the ground at all times.
- Drive with extreme care on unknown off-road routes where visibility is poor. For safety reasons, get out of the vehicle first and survey the off-road route.
- Look out for obstacles such as rocks, holes, tree stumps and furrows.
- Take care when turning on an uphill or downhill slope or when driving across a slope. The vehicle could otherwise tip over.

- Always keep the doors, the tailgate and the sliding sunroof closed while the vehicle is in motion.
- Do not stray from marked routes or paths.
- Observe the notes on off-road fording (▷ page 198).
- 1 Information about retrofitting special all-terrain tyres is available from any qualified specialist workshop.
- **1** Do not use the HOLD function when driving off-road, on steep uphill or downhill gradients or on slippery or loose surfaces. The HOLD function cannot hold the vehicle on such surfaces.

Checklist before driving off-road

• Engine oil level: check the engine oil and top it up if necessary.

When driving on steep gradients, the oil level must be sufficiently high to ensure a correct oil supply in the vehicle.

- ► AdBlue[®] tank (BlueTEC vehicles): check the level and top up if necessary (▷ page 180).
- Tyre-change tool kit: check that the jack is working and make sure you have the wheel wrench, a robust tow cable and a folding spade in the vehicle.
- ► Wheels and tyres: check the tyre tread depth and tyre pressure.
- Check for damage and remove any foreign objects, e.g. small stones, from the wheels/ tyres.
- ▶ Replace any missing valve caps.
- Replace dented or damaged wheels.
- Wheels: dented or bent wheels can lead to a loss of tyre pressure and damage to the tyre bead. Before driving off-road, check the wheels and replace them if necessary.

Checklist after driving off-road

If you detect damage to the vehicle after driving off-road, have the vehicle checked immediately at a qualified specialist workshop.

Driving over rough terrain places greater demands on your vehicle than driving on normal roads. After driving off-road, check the vehicle. This allows you to detect damage promptly and reduce the risk of an accident to yourself and other road users.

- ► If the Off-road or Off-road Plus drive program is selected: select the Individual, Sport, Comfort or Slippery drive program (▷ page 166).
- ▶ Deactivate the LOW RANGE offroad gear (▷ page 255).
- ▶ Deactivate DSR (▷ page 252).
- ► Lower the vehicle level again to a level suitable to the road conditions, e.g. to the normal level.
- Clean the headlamps and rear lights and check for damage.
- ► Clean the front and rear licence plates.
- Clean the wheels and tyres with a water jet and remove any foreign objects.
- Clean the wheels, wheel arches and the vehicle underside with a water jet; check for any foreign objects and damage.
- Check whether twigs or other parts of plants have become trapped. These increase the risk of fire and can damage fuel pipes, brake hoses or the rubber bellows of the axle joints and propeller shafts.
- After the trip, examine without fail the entire undercarriage, wheels, tyres, brakes, bodywork structure, steering, chassis and exhaust system for damage.
- After driving for extended periods across sand, mud, gravel, water or in similarly dirty conditions, have the brake discs, wheels, brake pads/linings and axle joints checked and cleaned.
- If you detect strong vibrations after driving off-road, check for foreign objects in the wheels and drive train and remove them if necessary. Foreign objects can disturb the balance and cause vibrations.

Driving on sand

Observe the following rules when driving on sand:

- Select the Offroad drive program (vehicles with Off-Road Engineering package) (▷ page 254).
- Select the Offroad drive program (vehicles without Off-Road Engineering package) (▷ page 254).
- Select a higher vehicle level.

- Avoid high engine speeds.
- Use the left-hand steering wheel gearshift paddle to shift to a lower gear appropriate to the terrain.
- Drive quickly to overcome the rolling resistance. Otherwise, the vehicle could dig itself into the sand.
- Drive in the tracks of other vehicles if possible. Make sure that:
 - the tyre ruts are not too deep
 - the sand is firm enough
 - your vehicle has sufficient ground clearance

Tyre ruts and gravel roads

Check that the ruts are not too deep and that your vehicle has sufficient clearance. Otherwise, your vehicle could be damaged or bottom out and get stuck.

Observe the following rules when driving along ruts in off-road terrain or on roads with loose gravel:

- Select the Offroad drive program (vehicles with Off-Road Engineering package) (▷ page 254).
- Select the Offroad drive program (vehicles without Off-Road Engineering package) (▷ page 254).
- Select a higher vehicle level.
- Avoid high engine speeds.
- Shift to a lower gear using the left-hand steering wheel gearshift paddle.
- Drive slowly.
- Where ruts are too deep, drive with the wheels on one side on the middle section of turf if possible.

Driving over obstacles

Obstacles could damage the floor of the vehicle or components of the chassis. Ask passengers for guidance when driving over large obstacles. Any damage to the vehicle always increases the risk of an accident.

Observe the following rules when driving over tree stumps, large stones and other obstacles:

- Select the Offroad drive program (vehicles with Off-Road Engineering package) (▷ page 254).
- Select the Offroad drive program (vehicles without Off-Road Engineering package) (▷ page 254).
- Select LOW RANGE offroad gear (vehicles with Off-Road Engineering package) (▷ page 255)
- Raise the vehicle level.
- Avoid high engine speeds.
- Shift to a lower gear using the left-hand steering wheel gearshift paddle.
- Drive very slowly.
- Drive straight over the centre of obstacles.

Travelling uphill

Approach/departure angle

▲ WARNING

If you drive on a steep incline at an angle or turn on a steep incline, the vehicle could slip sideways, tip and overturn. There is a risk of an accident.

When driving on an incline, drive into the line of fall (upwards or downwards in a straight line) and do not turn.

- Observe the warnings for off-road driving (▷ page 199).
- Follow the line of fall when driving on slopes and steep inclines.
- Select the Offroad drive program (vehicles with Off-Road Engineering package) (▷ page 254).
- Select the Offroad drive program (vehicles without Off-Road Engineering package) (▷ page 254).
- Before driving on extreme uphill and downhill gradients, select the LOW RANGE offroad gear (vehicles with Off-Road Engineering package) (> page 255).
- Drive slowly.
- Accelerate gently and make sure that the wheels are gripping.

- Avoid high engine speeds, except when driving on sandy and muddy routes with high driving resistance.
- Use the left-hand steering wheel gearshift paddle to shift to a lower gear appropriate to the gradient.
- Use the left-hand gearshift paddle to shift to a lower gear on long and steep downhill gradients.

Hill start assist will aid you when pulling away on a hill. Further information on hill start assist (> page 161).

Do not shift into transmission position \mathbf{N} when driving off-road. You could lose control of the vehicle if you attempt to brake the vehicle using the service brake. If the gradient is too steep for your vehicle, back up in reverse gear.

Always observe the approach/departure angle values (\triangleright page 445).

Maximum gradient-climbing capability

Always observe the maximum gradient climbing ability values (\triangleright page 445).

Hilltops

When driving up an uphill gradient, slightly reduce pressure on the accelerator immediately before reaching the brow of the hill. Make use of the vehicle's own impetus to travel over the brow.

This style of driving prevents:

- the vehicle from lifting off the ground on the brow of a hill
- the vehicle from travelling too quickly down the other side

Driving downhill

- Drive slowly.
- Do not drive at an angle down steep inclines. Steer into the line of fall and drive with the front wheels aligned straight. Otherwise, the vehicle could slip sideways, tip and overturn.
- Before tackling steep downhill gradients, use the left-hand steering wheel gearshift paddle to shift to a lower gear.
- Activate DSR. If this is not sufficient, brake gently. When doing so, make sure that the

vehicle is facing in the direction of the line of fall.

- Check that the brakes are working normally after a long downhill stretch.
- Off-road ABS is activated when the off-road program is selected.

At speeds below 30 km/h the front wheels lock cyclically during braking. The digging-in effect achieved in the process reduces the stopping distance when driving off-road. The steerability of the vehicle is considerably reduced if the wheels lock.

Driving systems

Intelligent Drive

Mercedes-Benz Intelligent Drive stands for innovative driver assistance and safety systems which enhance comfort and support the driver in critical situations. With these intelligent co-ordinated systems Mercedes-Benz has set a milestone on the path towards autonomous driving. Mercedes-Benz Intelligent Drive embraces all elements of active and passive safety in one well thought-out system – for the safety of the vehicle occupants and that of other road users.

Further information on driving safety systems (\triangleright page 70).

Cruise control

General notes

Cruise control maintains a constant road speed for you. It brakes automatically in order to avoid exceeding the set speed. You must select a lower gear in good time on long and steep downhill gradients, especially if the vehicle is laden or towing a trailer. By doing so, you will make use of the braking effect of the engine. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly.

Use cruise control only if road and traffic conditions are appropriate for maintaining a steady speed for a prolonged period. You can store any road speed above 30 km/h.

Important safety notes

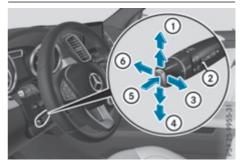
If you fail to adapt your driving style, cruise control can neither reduce the risk of an accident nor override the laws of physics. Cruise control cannot take into account road, weather or traffic conditions. Cruise control is only an aid. You are responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time, and for staying in lane.

Do not use cruise control:

- in road and traffic conditions which do not allow you to maintain a constant speed (e.g. in heavy traffic or on winding roads)
- on smooth or slippery roads. Braking or accelerating can cause the drive wheels to lose traction and the vehicle could then skid
- when there is poor visibility, e.g. due to fog, heavy rain or snow

If there is a change of drivers, advise the new driver of the speed stored.

Cruise control lever



- (1) To activate or increase speed
- LIM indicator lamp
- ③ To activate at the current speed/last stored speed
- ④ To activate or reduce speed
- (5) To switch between cruise control and variable SPEEDTRONIC
- (6) To deactivate cruise control

You can operate cruise control and variable SPEEDTRONIC with the cruise control lever.

► To switch between variable SPEED-TRONIC and cruise control: press the cruise control lever in the direction of arrow (5). LIM indicator lamp (2) on the cruise control lever indicates which function you have selected:

- LIM indicator lamp (2) off: cruise control is selected
- LIM indicator lamp (2) on: variable SPEED-TRONIC is selected

When you activate cruise control, the stored speed is shown in the multifunction display for five seconds. In addition, the <u>(r)</u> symbol appears in the multifunction display.

Speedometer with segments: when cruise control is activated, the segments from the stored speed to the maximum permitted speed light up.

Selecting cruise control

► Check whether LIM indicator lamp ② is off. If it is off, cruise control is already selected. If it is not, press the cruise control lever in the direction of arrow (5).

LIM indicator lamp (2) in the cruise control lever goes out. Cruise control is selected.

Activation conditions

To activate cruise control, all of the following activation conditions must be fulfilled:

- the electric parking brake must be released.
- you are driving faster than 30 km/h.
- ESP[®] must be switched on, but not intervening.
- \bullet the transmission must be in position ${\bf D}.$
- DSR must be deactivated.
- the Offroad Plus drive program must be deactivated (vehicles with the Off-Road Engineering package).
- the cruise control function must be selected (\triangleright page 204).

Storing, maintaining and calling up a speed

Storing and maintaining the speed

- ► Accelerate the vehicle to the desired speed.
- Briefly press the cruise control lever up (1) or down (4).
- Remove your foot from the accelerator pedal. Cruise control is activated. The vehicle automatically maintains the stored speed.

Cruise control may be unable to maintain the stored speed on uphill gradients. The stored speed is resumed when the gradient evens out. Cruise control maintains the stored speed on downhill gradients by automatically braking the vehicle.

Storing or calling up the speed

If you call up a stored speed and this is different from the current speed, the vehicle accelerates or brakes. If you do not know what the stored speed is, the vehicle may accelerate or brake unexpectedly. There is a risk of an accident.

Take the traffic conditions into account before calling up the stored speed. If you do not know what the stored speed is, store the desired speed again.

- Briefly pull the cruise control lever towards you ③.
- Remove your foot from the accelerator pedal. Cruise control is on and, when activated for the first time, accepts the current speed or it adjusts the vehicle's speed to the speed stored.

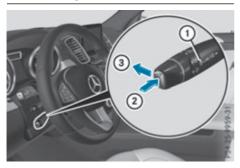
Setting a speed

Bear in mind that it may take a brief moment until the vehicle has accelerated or braked to the set speed.

- Press the cruise control lever up ① for a higher speed or down ④ for a lower speed.
- Keep the cruise control lever pressed until the desired speed is reached.
- Release the cruise control lever. The new speed is stored.
- ► To adjust the set speed in 1 km/h increments: briefly press the cruise control lever up ① or down ④ to the pressure point. The last stored speed increases or decreases in 1 km/h increments.
- ► To adjust the set speed in 10 km/h increments: briefly press the cruise control lever up ① or down ④ beyond the pressure point. The last stored speed increases or decreases in 10 km/h increments.

Cruise control is not deactivated if you depress the accelerator pedal. For example, if you accelerate briefly to overtake, cruise control adjusts the vehicle's speed to the speed stored after you have finished overtaking.

Deactivating cruise control



There are several ways to deactivate cruise control:

Briefly press the cruise control lever forwards
 3.

```
or
```

► Brake.

or

 Briefly press the cruise control lever in the direction of arrow (2).
 Variable SPEEDTRONIC is selected. LIM indicator lamp (1) in the cruise control lever lights up.

Cruise control is automatically deactivated if:

- you apply the electric parking brake
- \bullet you are driving at less than 30 km/h
- ESP[®] intervenes or you deactivate ESP[®]
- you activate DSR
- you activate the Offroad Plus program (vehicles with the Off-Road Engineering package)
- you shift the transmission to position N while driving

If cruise control is deactivated, you will hear a warning tone. You will see the Cruise control off message in the multifunction display for approximately five seconds.

The last speed stored is cleared when you switch off the engine.

SPEEDTRONIC

General notes

SPEEDTRONIC brakes automatically so that you do not exceed the set speed. You must select a lower gear in good time on long and steep downhill gradients, especially if the vehicle is laden or towing a trailer. By doing so, you will make use of the braking effect of the engine. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly.

You can set a variable or permanent limit speed:

- variable for speed limits, e.g. in built-up areas
- permanent for long-term speed restrictions, e.g. when driving with winter tyres fitted (> page 207)

1 The speed indicated in the speedometer may differ slightly from the limit speed stored.

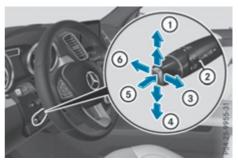
Important safety notes

If you fail to adapt your driving style, SPEED-TRONIC can neither reduce the risk of an accident nor override the laws of physics. SPEED-TRONIC cannot take into account road, weather or traffic conditions. SPEEDTRONIC is only an aid. You are responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time, and for staying in lane.

If there is a change of drivers, advise the new driver of the speed stored.

Variable SPEEDTRONIC

Cruise control lever



- To activate or increase speed
- LIM indicator lamp

- ③ To activate at the current speed/last stored speed
- ④ To activate or reduce speed
- ⑤ To switch between cruise control or DISTRONIC PLUS and variable SPEED-TRONIC
- (6) To deactivate variable SPEEDTRONIC

With the cruise control lever, you can operate cruise control or DISTRONIC PLUS and variable SPEEDTRONIC.

LIM indicator lamp (2) on the cruise control lever indicates which function you have selected:

- LIM indicator lamp (2) off: cruise control or DISTRONIC PLUS is selected.
- LIM indicator lamp (2) on: variable SPEED-TRONIC is selected.

You can use the cruise control lever to limit the speed to any speed above 30 km/h while the engine is running.

Selecting SPEEDTRONIC

If there is a change of drivers, advise the new driver of the limit speed stored.

 Check whether LIM indicator lamp (2) is on. If it is on, variable SPEEDTRONIC is already selected.

If it is not, press the cruise control lever in the direction of arrow (5).

LIM indicator lamp ② in the cruise control lever is on. Variable SPEEDTRONIC is selected.

Storing the current speed

You can use the cruise control lever to limit the speed to any speed above 30 km/h while the engine is running.

Briefly press the cruise control lever up (1) or down (4) tippen.

The current speed is stored and shown in the multifunction display.

Speedometer with segments: the segments light up from the start of the scale up to the stored speed limit.

The segments in the multifunction display light up from the start of the scale up to the stored speed.

Storing the current speed or calling up the last stored speed

If you call up the stored speed and it is lower than the current speed, the vehicle decelerates. If you do not know the stored speed, the vehicle could decelerate unexpectedly. There is a risk of an accident.

Pay attention to the road and traffic conditions before calling up the stored speed. If you do not know the stored speed, store the desired speed again.

 Briefly pull the cruise control lever towards you ③.

Setting a speed

► To adjust the set speed in 10 km/h increments: briefly press the cruise control lever up ① beyond the pressure point for a higher speed, or down ④ for a lower speed.

or

- ▶ Keep the cruise control lever pressed beyond the pressure point until the desired speed is set. Press the cruise control lever up ① for a higher speed or down ④ for a lower speed.
- ► To adjust the set speed in 1 km/h increments: briefly press the cruise control lever up ① to the pressure point for a higher speed or down ④ for a lower speed.

or

Keep the cruise control lever pressed to the pressure point until the desired speed is set. Press the cruise control lever up (1) for a higher speed or down (4) for a lower speed.

Switching SPEEDTRONIC to passive

If you depress the accelerator pedal beyond the pressure point (kickdown), SPEEDTRONIC is switched to passive mode. The following message appears in the multifunction display: SPEEDTRONIC passive.

You can then exceed the stored speed. SPEED-TRONIC is activated again if you:

- drive slower than the stored speed without kickdown
- set a new speed or
- call up the last speed stored again

The SPEEDTRONIC passive message in the multifunction display disappears.

Deactivating variable SPEEDTRONIC

There are several ways to deactivate variable SPEEDTRONIC:

Briefly press the cruise control lever forwards
 6.

or

▶ Briefly press the cruise control lever in the direction of arrow (5).

LIM indicator lamp (2) in the cruise control lever goes out. Variable SPEEDTRONIC is deactivated.

Cruise control or DISTRONIC PLUS is selected.

It is not possible to deactivate variable SPEED-TRONIC by braking.

The last speed stored is cleared when you switch off the engine.

Permanent SPEEDTRONIC

You can use the on-board computer to permanently limit the speed to a value between 160 km/h(e.g. for driving on winter tyres) and the maximum design speed (\triangleright page 294).

Shortly before the stored speed is reached, it appears in the multifunction display.

Permanent SPEEDTRONIC remains active even if variable SPEEDTRONIC is deactivated.

You cannot exceed the stored limit speed, even if you depress the accelerator pedal beyond the pressure point (kickdown).

DISTRONIC PLUS

General notes

DISTRONIC PLUS regulates the speed and automatically helps you maintain the distance to the vehicle detected in front. Vehicles are detected with the aid of the radar sensor system.

DISTRONIC PLUS brakes automatically so that the set speed is not exceeded.

You must select a lower gear in good time on long and steep downhill gradients, especially if the vehicle is laden or towing a trailer. By doing so, you will make use of the braking effect of the engine. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly. If DISTRONIC PLUS detects that there is a risk of a collision, you will be warned visually and acoustically. Without your intervention, DISTRONIC PLUS cannot prevent a collision. An intermittent warning tone will then sound and the distance warning lamp will light up in the instrument cluster. Brake immediately to increase the distance to the vehicle driving in front, or take evasive action, provided it is safe to do so.

For DISTRONIC PLUS to assist you, the radar sensor system must be operational.

DISTRONIC PLUS operates in the range between 0 km/h and 200 km/h.

Do not use DISTRONIC PLUS while driving on roads with steep gradients.

Important safety notes

MARNING

DISTRONIC PLUS does not react to:

- people or animals
- stationary obstacles on the road, e.g. stopped or parked vehicles
- oncoming and crossing traffic

As a result, DISTRONIC PLUS may neither give warnings nor intervene in such situations. There is a risk of an accident.

Always pay careful attention to the traffic situation and be ready to brake.

DISTRONIC PLUS cannot always clearly recognise other road users and complex traffic conditions.

In such cases, DISTRONIC PLUS may:

- give an unnecessary warning and then brake the vehicle
- neither give a warning nor intervene
- accelerate or brake unexpectedly

There is a risk of an accident.

Continue to drive carefully and be prepared to brake, particularly if DISTRONIC PLUS warns you.

DISTRONIC PLUS brakes your vehicle with up to 50% of the maximum possible deceleration. If this deceleration is not sufficient,

DISTRONIC PLUS alerts you with a visual and acoustic warning. There is a risk of an accident.

Apply the brakes yourself in these situations and try to take evasive action.

When DISTRONIC PLUS or the HOLD function is activated, the vehicle brakes automatically in certain situations.

To avoid damage to the vehicle, deactivate DISTRONIC PLUS and the HOLD function in the following or similar situations:

- when towing away
- in a car wash

If you fail to adapt your driving style, DISTRONIC PLUS can neither reduce the risk of an accident nor override the laws of physics. DISTRONIC PLUS cannot take road and weather conditions or traffic conditions into account. DISTRONIC PLUS is only an aid. You are responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

Do not use DISTRONIC PLUS:

- in road and traffic conditions which do not allow you to maintain a constant speed, e.g. in heavy traffic or on winding roads
- on smooth or slippery roads. Braking or accelerating can cause the drive wheels to lose traction and the vehicle could then skid
- when there is poor visibility, e.g. due to fog, heavy rain or snow

DISTRONIC PLUS may not detect narrow vehicles driving in front, e.g. motorcycles, or vehicles driving on a different line.

In particular, the detection of obstacles can be impaired in the case of:

- dirt on the sensors or obscured sensors
- snow or heavy rain
- interference by other radar sources
- the possibility of strong radar reflections, for example, in multi-storey car parks

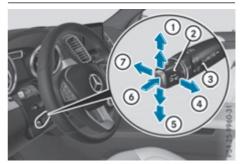
If DISTRONIC PLUS no longer detects a vehicle in front, it may unexpectedly accelerate to the speed stored.

This speed can:

- be too high for a filter lane or a slip road
- be so high in the right lane that you pass vehicles driving on the left
- be so high in the left lane that you pass vehicles driving on the right

If there is a change of drivers, advise the new driver of the speed stored.

Cruise control lever



- 1) To activate or increase speed
- (2) To set the specified minimum distance
- ③ LIM indicator lamp
- ④ To activate at the current speed/last stored speed
- 5 To activate or reduce speed
- To switch between DISTRONIC PLUS and variable SPEEDTRONIC
- ⑦ To deactivate DISTRONIC PLUS

You can operate DISTRONIC PLUS and variable SPEEDTRONIC with the cruise control lever.

LIM indicator lamp (3) on the cruise control lever indicates which function you have selected:

- LIM indicator lamp (3) off: DISTRONIC PLUS is selected
- LIM indicator lamp (3) on: variable SPEED-TRONIC is selected

Selecting DISTRONIC PLUS

 Check whether LIM indicator lamp ③ is off. If it is off, DISTRONIC PLUS is already selected.

If it is not, press the cruise control lever in the direction of arrow (6).

LIM indicator lamp (3) in the cruise control lever goes out. DISTRONIC PLUS is selected.

Activating DISTRONIC PLUS

Activation conditions

To activate DISTRONIC PLUS, the following conditions must be fulfilled:

- the engine must be running. It may take up to two minutes of driving before DISTRONIC PLUS is ready for use.
- the electric parking brake must be released.
- ESP[®] must be switched on, but not intervening.
- the transmission must be in position **D**.
- the driver's door must be closed when you shift from **P** to **D** or your seat belt must be fastened.
- the front-passenger door and the rear doors must be closed.
- the Offroad Plus drive program must be deactivated (vehicles with the Off-Road Engineering package).
- DSR must be deactivated.
- the vehicle must not be skidding.
- the DISTRONIC PLUS function must be selected (▷ page 208).

Activating

- Briefly pull the cruise control lever towards you (4), up (1) or down (5).
 DISTRONIC PLUS is activated.
- Remove your foot from the accelerator pedal. Your vehicle adapts its speed to that of the vehicle in front, but only up to the desired stored speed.
- If you do not fully release the accelerator pedal, the DISTRONIC PLUS inactive message appears in the multifunction display. The set distance to a slower-moving vehicle in front will then not be maintained. The position of the accelerator pedal will determine the speed.

You can also activate DISTRONIC PLUS when stationary. The lowest speed that can be set is 30 km/h.

 Briefly pull the cruise control lever towards you (4), up (1) or down (5).
 DISTRONIC PLUS is activated.

Activating at the current speed/last stored speed

If you call up a stored speed and this is different from the current speed, the vehicle accelerates or brakes. If you do not know what the stored speed is, the vehicle may accelerate or brake unexpectedly. There is a risk of an accident.

Take the traffic conditions into account before calling up the stored speed. If you do not know what the stored speed is, store the desired speed again.

- Driving and parking
- Briefly pull the cruise control lever towards you (4).
- Remove your foot from the accelerator pedal. DISTRONIC PLUS is on and, when activated for the first time, accepts the current speed or it adjusts the vehicle's speed to the speed stored.

Driving with DISTRONIC PLUS

Pulling away and driving

- ► If you want to pull away with DISTRONIC PLUS: remove your foot from the brake pedal.
- ▶ Briefly pull the cruise control lever towards you ④.

or

► Accelerate briefly.

Your vehicle pulls away and adapts its speed to that of the vehicle in front. If no vehicle is detected in front, your vehicle accelerates to the set speed.

The vehicle can also pull away when it is facing an unidentified obstacle or is driving on a different line from another vehicle. The vehicle then brakes automatically.

If there is no vehicle in front, DISTRONIC PLUS operates in the same way as cruise control.

If DISTRONIC PLUS detects that the vehicle in front has slowed down, it brakes your vehicle. In this way, the distance you have selected is maintained.

If DISTRONIC PLUS detects a faster-moving vehicle in front, it increases the driving speed. However, the vehicle is only accelerated up to the speed you have stored.

Selecting the drive program

DISTRONIC PLUS supports a sporty driving style if you have selected the **Sport** or **Sport Plus** drive program (▷ page 17 1). Acceleration behind the vehicle in front or to the set speed is then noticeably more dynamic. If you have selected the **Comfort** drive program, the vehicle accelerates more gently. This setting is recommended in stop-start traffic.

Changing lanes

If you change to the overtaking lane, DISTRONIC PLUS supports you if:

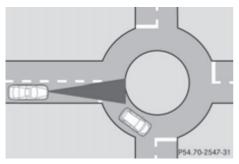
- you are driving faster than 70 km/h
- you switch on the respective turn signal
- DISTRONIC PLUS does not detect a danger of collision

If these conditions are met, your vehicle is accelerated. Acceleration will be interrupted if changing lanes takes too long or if the distance between your vehicle and the vehicle in front becomes too small.

1 Vehicles with COMAND Online: when you change lanes, DISTRONIC PLUS monitors the right lane in the case of left-side traffic or the left lane in the case of right-side traffic.

Vehicles with Audio 20: when you change lanes, DISTRONIC PLUS monitors the left lane on left-hand-drive vehicles or the right lane on right-hand-drive vehicles.

Vehicles with COMAND Online



1 The following function is only available in vehicles with the Driving Assistance Plus package.

The function is not operational in all countries.

DISTRONIC PLUS uses additional information from your navigation system so that it can adapt to certain traffic situations. This is the case if, while following a vehicle, DISTRONIC PLUS is active and you:

- approach or drive around a roundabout
- approach a T-junction
- turn off at a motorway exit
- approach a tollgate

Even if the vehicle in front leaves the detection range, DISTRONIC PLUS temporarily maintains the current driving speed and does not accelerate. This is based on the current map data in the navigation system.

Afterwards, the vehicle accelerates back to the set speed you specified.

The system takes into account the fact that overtaking on the right is not permitted on motorways or high-speed major roads at speeds above 80 km/h. The driving speed is adjusted to the speed of the queue of vehicles in the adjacent lane to the left.

Prevention of overtaking on the right applies to countries where traffic drives on the right. In countries where traffic drives on the left, overtaking on the left is prevented accordingly.

Stopping

When leaving the vehicle, even if it is braked only by DISTRONIC PLUS, it could roll away if:

- there is a malfunction in the system or in the voltage supply.
- DISTRONIC PLUS has been deactivated with the cruise control lever, e.g. by a vehicle occupant or from outside the vehicle.
- the electrical system in the engine compartment, the battery or the fuses have been tampered with.
- the battery is disconnected.
- the accelerator pedal has been depressed, e.g. by a vehicle occupant.

There is a risk of an accident.

If you wish to exit the vehicle, always turn off DISTRONIC PLUS and secure the vehicle against rolling away.

If DISTRONIC PLUS detects that the vehicle in front is stopping, it brakes your vehicle until it is stationary.

Once your vehicle is stationary, it remains stationary and you do not need to depress the brake.

After a short period, the vehicle is secured by the electric parking brake, thus relieving the service brake.

Depending on the specified minimum distance, your vehicle will come to a standstill at a sufficient distance behind the vehicle in front. The specified minimum distance is set using the control on the cruise control lever.

When the vehicle is stationary and DISTRONIC PLUS is activated, position P is automatically selected if:

- the driver's door is open and the driver's seat belt is unfastened
- the engine is switched off, unless it is automatically switched off by the ECO start/stop function

The electric parking brake secures the vehicle automatically if DISTRONIC PLUS is activated when the vehicle is stationary and:

- · a system fault occurs
- the power supply is insufficient

On steep uphill or downhill inclines or if there is a malfunction, the transmission may also be automatically shifted into position **P**.

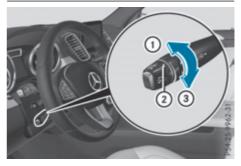
Setting a speed

Bear in mind that it may take a brief moment until the vehicle has accelerated or braked to the set speed.

- Press the cruise control lever up 1 for a higher speed or down 5 for a lower speed
- Keep the cruise control lever pressed until the desired speed is reached.
- Release the cruise control lever. The new speed is stored. DISTRONIC PLUS is activated and adjusts the vehicle's speed to the new speed stored.

- To adjust the set speed in 1 km/h increments: briefly press the cruise control lever up ① or down ⑤ to the pressure point. The last stored speed increases or decreases in 1 km/h increments.
- ► To adjust the set speed in 10 km/h increments: briefly press the cruise control lever up ① or down ⑤ beyond the pressure point. The last stored speed increases or decreases in 10 km/h increments.
- If you accelerate to overtake, DISTRONIC PLUS adjusts the vehicle's speed to the last speed stored after you have finished overtaking.

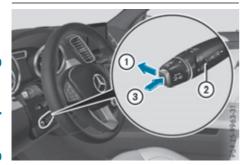
Setting the specified minimum distance



You can set the specified minimum distance for DISTRONIC PLUS by varying the time span between one and two seconds. With this function, you can set the minimum distance that DISTRONIC PLUS maintains to the vehicle in front, dependent on vehicle speed. You can see this distance in the multifunction display (> page 213).

- ► To increase: turn control ② in direction ③. DISTRONIC PLUS then maintains a greater distance between your vehicle and the vehicle in front.
- ▶ To decrease: turn control ② in direction ①. DISTRONIC PLUS then maintains a shorter distance between your vehicle and the vehicle in front.
- () Make sure that you maintain a sufficient and safe distance from the vehicle in front. Adjust the distance to the vehicle in front if necessary.

Deactivating DISTRONIC PLUS



There are several ways to deactivate DISTRONIC PLUS:

 Briefly press the cruise control lever forwards ①.

or

Brake, unless the vehicle is stationary.

or

► Briefly press the cruise control lever in the direction of arrow (3).

Variable SPEEDTRONIC is selected. LIM indicator lamp ② in the cruise control lever lights up.

If you deactivate DISTRONIC PLUS, the DISTRONIC PLUS off message appears in the multifunction display for approximately five seconds.

1 DISTRONIC PLUS is not deactivated if you depress the accelerator pedal. If you accelerate to overtake, DISTRONIC PLUS adjusts the vehicle's speed to the last speed stored after you have finished overtaking.

DISTRONIC PLUS is automatically deactivated if:

- you apply the electric parking brake or if the vehicle is automatically secured with the electric parking brake
- you are driving slower than 25 km/h and there is no vehicle in front, or if the vehicle in front is no longer detected
- ESP[®] intervenes or you deactivate ESP[®]
- the transmission is in the **P**, **R** or **N** position
- you pull the cruise control lever towards you in order to pull away and the front-passenger door or one of the rear doors is open

- you activate DSR
- you activate the Offroad Plus program (vehicles with the Off-Road Engineering package)
- the vehicle has skidded

If DISTRONIC PLUS is deactivated, you will hear a warning tone. The DISTRONIC PLUS off message appears in the multifunction display for approximately five seconds.

Displays in the instrument cluster

Displays in the speedometer



Example: DISTRONIC PLUS displays in the speed-ometer

When DISTRONIC PLUS is activated, one or two segments ② in the set speed range light up. If DISTRONIC PLUS detects a vehicle in front, segments ③ between speed of the vehicle in front ③ and stored speed ① light up.

• For design reasons, the speed displayed in the speedometer may differ slightly from the speed set for DISTRONIC PLUS.

The last speed stored remains stored until you switch off the engine.

Assistance graphic display when DISTRONIC PLUS is deactivated



- (1) Vehicle in front, if detected
- ② Distance indicator: current distance to the vehicle in front
- ③ Specified minimum distance to the vehicle in front; adjustable
- ④ Own vehicle
- ► Select the Assistance graphic function using the on-board computer (▷ page 290).

Assistance graphic display when DISTRONIC PLUS is activated



- ① Vehicle in front, if detected
- Specified minimum distance to the vehicle in front; adjustable
- ③ Own vehicle
- ④ DISTRONIC PLUS activated
- ► Select the Assistance graphic function using the on-board computer (▷ page 290).

You will see the stored speed for approximately five seconds when you activate DISTRONIC PLUS.

Tips for driving with DISTRONIC PLUS

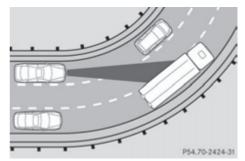
General notes

Pay particular attention in the following traffic situations:

- Cornering, going into and coming out of a bend
- Vehicles which are not driving in the middle of their lane
- Other vehicles changing lane
- Narrow vehicles
- Obstructions and stationary vehicles
- Crossing vehicles

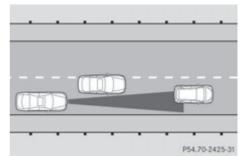
In such situations, brake if necessary. DISTRONIC PLUS is then deactivated.

Cornering, going into and coming out of a bend



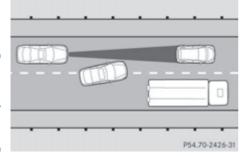
The ability of DISTRONIC PLUS to detect vehicles when cornering is limited. Your vehicle may brake unexpectedly or late.

Vehicles which are not driving in the middle of their lane



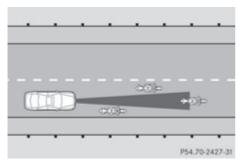
DISTRONIC PLUS may not detect vehicles which are not driving in the middle of their lane. The distance to the vehicle in front will be too short.

Other vehicles changing lane



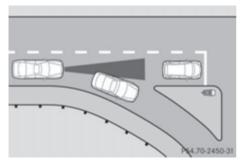
DISTRONIC PLUS has not detected the vehicle cutting in yet. The distance to this vehicle will be too short.

Narrow vehicles



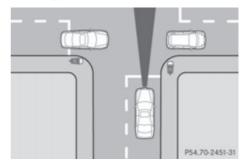
DISTRONIC PLUS has not yet detected the vehicle in front on the edge of the carriageway, because of its narrow width. The distance to the vehicle in front will be too short.

Obstructions and stationary vehicles



DISTRONIC PLUS does not brake for obstacles or stationary vehicles. If, for example, the detected vehicle turns a corner and reveals an obstacle or stationary vehicle, DISTRONIC PLUS will not brake for these.

Crossing vehicles



DISTRONIC PLUS may mistakenly detect vehicles that are crossing your lane. Activating DISTRONIC PLUS at traffic lights with crossing traffic, for example, could cause your vehicle to pull away unintentionally.

DISTRONIC PLUS with Steering Assist and Stop&Go Pilot

General notes



DISTRONIC PLUS with Steering Assist and Stop&Go Pilot aids you in keeping the vehicle in the centre of the driving lane by means of moderate steering interventions in a speed range from 0 - 200 km/h.

It monitors the area in front of your vehicle by means of camera system (1) at the top of the windscreen.

In a speed range from 0 - 60 km/h, Stop&Go Pilot focuses on the vehicle in front, taking into account lane markings, e.g. when following vehicles in a traffic jam.

At speeds of more than 60 km/h, Steering Assist focuses on detected lane markings (left and right), only focusing on the vehicle in front if detected lane markings are not present.

If these conditions are not present, Steering Assist and Stop&Go Pilot cannot provide assistance.

DISTRONIC PLUS must be active in order for the function to be available.

Important safety notes

If you fail to adapt your driving style, DISTRONIC PLUS with Steering Assist and Stop&Go Pilot can neither reduce the risk of an accident nor override the laws of physics. It cannot take into account road, weather or traffic conditions. DISTRONIC PLUS with Steering Assist and Stop&Go Pilot is only an aid. You are responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

DISTRONIC PLUS with Steering Assist and Stop&Go Pilot does not detect road and traffic conditions and does not detect all road users. If you are following a vehicle which is driving towards the edge of the carriageway, your vehicle could come into contact with the kerb or other road boundaries. Be particularly aware of other road users, e.g. cyclists, that are directly next to your vehicle.

Obstacles such as traffic pylons on the lane or projecting out into the lane are not detected.

An inappropriate steering intervention, e.g. after intentionally driving over a lane marking, can be corrected at any time if you steer slightly in the opposite direction.

DISTRONIC PLUS with Steering Assist and Stop&Go Pilot cannot continuously keep your vehicle in lane. In some cases, the steering intervention is not sufficient to bring the vehicle back to the lane. In such cases, you must steer the vehicle yourself to ensure that it does not leave the lane.

The support offered by the system may be impaired if:

- there is poor visibility, e.g. due to insufficient illumination of the road, or due to snow, rain, fog or spray
- there is glare, e.g. from oncoming traffic, the sun or reflection from other vehicles (e.g. if the road surface is wet)
- the windscreen is dirty, misted up, damaged or covered, for instance by a sticker, in the vicinity of the camera

- no or several, unclear lane markings are present for one lane, e.g. in a construction area
- the lane markings are worn away, dark or covered up, e.g. by dirt or snow
- the distance to the vehicle in front is too small and the lane markings thus cannot be detected
- the lane markings change quickly, e.g. lanes branch off, cross one another or merge
- the road is narrow and winding
- there are highly variable shade conditions on the road

The system is switched to passive and no longer assists you by performing steering interventions if:

- you actively change lane
- you switch on the turn signal
- you take your hands off the steering wheel or do not steer for a prolonged period of time

After you have finished changing lanes, Steering Assist and Stop&Go Pilot are automatically active again.

Steering Assist and Stop&Go Pilot cannot provide assistance:

- on very sharp corners
- when towing a trailer
- a loss of tyre pressure or a defective tyre has been detected and displayed

Pay attention also to the important safety notes for DISTRONIC PLUS (\triangleright page 207).

The steering interventions are carried out with a limited steering moment. The system requires the driver to keep his hands on the steering wheel and to steer himself.

If you do not steer yourself or if you take your hands off the steering wheel for a prolonged period of time, the system will first alert you with a visual warning. A steering wheel symbol appears in the multifunction display. If you have still not started to steer and have not taken hold of the steering wheel after five seconds at the latest, a warning tone also sounds to remind you to take control of the vehicle. Steering Assist and Stop&Go Pilot switch to passive mode. DISTRONIC PLUS remains active.

Activating Steering Assist and Stop&Go Pilot

- ► Activate the DISTRONIC PLUS with Steering Assist and Stop&Go Pilot function using the on-board computer (▷ page 290).
 - The DTR+: steering assistant On message appears in the multifunction display. Steering Assist and Stop&Go Pilot are active.

Information in the multifunction display



If Steering Assist and Stop&Go Pilot are activated but not ready for a steering intervention, steering wheel symbol ① appears in grey. If the system provides you with support by means of steering interventions, symbol ① is shown in green.

Deactivating Steering Assist and Stop&Go Pilot

► Deactivate the DISTRONIC PLUS with Steering Assist and Stop&Go Pilot function using the on-board computer (▷ page 290). The DTR+: steering assistant Off message appears in the multifunction display. Steering Assist and Stop&Go Pilot are deactivated.

When DISTRONIC PLUS is deactivated or not available, Steering Assist and Stop&Go Pilot are deactivated automatically.

Level control (vehicles with the Offroad Engineering package)

Important safety notes

Level control adapts the vehicle level automatically to the current operating and driving situation. This results in reduced fuel consumption and improved handling.

Make changes to the vehicle level while the vehicle is in motion. This enables the vehicle to adjust to the new level as quickly as possible.

The vehicle level may change visibly if you park the vehicle and the outside temperature

changes. If the temperature drops, the vehicle level lowers; with an increase in temperature, the vehicle level rises.

If you unlock the vehicle or open a door, the vehicle begins to compensate for load discrepancies while still parked. However, for significant level changes, e.g. after the vehicle has been stationary for a long period, the engine must be running. For safety reasons, the vehicle is only lowered when the doors are closed. Lowering is interrupted if a door is opened; it continues once the door has been closed. Further information about "Driving off-road" (> page 199).

▲ WARNING

People's limbs may become trapped if they are located underneath the vehicle or between the vehicle body and the tyres when the vehicle is lowering. There is a danger of injury.

When lowering the vehicle, make sure no one is underneath the vehicle or in the immediate vicinity of the wheel arches.

When driving at a raised vehicle level, the driving characteristics may be significantly affected by the vehicle's raised centre of gravity. The vehicle may be more liable to tip when cornering, for example. There is a risk of an accident.

Always select as low a vehicle level as possible and adjust your driving style accordingly.

When driving with a lowered or raised chassis frame, the driving and braking characteristics may be seriously affected. A raised chassis frame may also exceed the permissible vehicle height. There is a risk of an accident. Set the driving level before pulling away.

Due to the high centre of gravity, the vehicle may start to skid and overturn in the event of abrupt steering manoeuvres and/or when the vehicle's speed is not adapted to the road conditions. There is a risk of an accident.

Always adapt your speed and driving style to the vehicle's driving characteristics and to the prevailing road and weather conditions.

- When driving on extremely rough terrain, select a high vehicle level in good time. Make sure there is always sufficient ground clearance. You will otherwise damage the vehicle.
- SUVs overturn considerably more often than other vehicle types.

If this vehicle is not driven in a safe manner, it can lead to an accident, to the vehicle overturning as well as serious or even fatal injuries.

 In the event of an accident with the vehicle overturning, passengers who are not wearing their seat belt are considerably more likely to die than passengers wearing their seat belt. You and all vehicle occupants should always wear your seat belts.

Basic settings

The extent to which the vehicle is raised or lowered depends on the basic setting selected. Select:

- the **Comfort** or **Sport** drive program for driving on normal roads
- the **Offroad** drive program for driving on easily negotiable off-road terrain
- the **Offroad Plus** drive program for off-road driving
- Offroad level 1 for driving on easily negotiable
 off-road terrain
- Offroad level 2 for driving on normal off-road terrain
- Offroad level 3 for freeing the vehicle from especially difficult off-road terrain at low speeds

The individual vehicle levels differ from the normal level as follows:

- -15 mm in the Sport drive program
- +/-0 mm in the **Comfort** drive program
- + 30 mm in the **Offroad** drive program
- + 60 mm in the Offroad Plus drive program

- + 60 mm in offroad level 2
- + 90 mm in offroad level 3

Setting the vehicle level

Make sure there is enough ground clearance when the vehicle is being lowered. It could otherwise hit the ground, damaging the underbody.



Setting the vehicle level using the selector wheel

- ▶ Start the engine.
- Press selector wheel 1.
 Selector wheel 1 extends.
- ► To raise the vehicle: turn selector wheel ① clockwise ②. The vehicle is raised.
- To lower the vehicle: turn selector wheel (1) anti-clockwise (4). The vehicle is lowered.

During the adjustment, the Lowering or Vehicle rising message appears in the multifunction display.

If you press the <u></u>or <u>OK</u> button on the multifunction steering wheel, the message will disappear. Once normal level has been reached, all indicator lamps (3) go out.

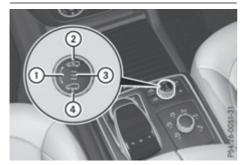
The vehicle automatically selects normal level if you:

- drive at speeds above 115 km/h or
- drive at speeds between 100 km/h and 115 km/h for approximately 20 seconds

The vehicle is lowered to low level if you are travelling at higher speeds.

• + 30 mm in offroad level 1

Normal level



Setting the vehicle to normal level

- ► Start the engine.
- Press selector wheel ①.
 Selector wheel ① extends.
- To lower the vehicle: turn selector wheel 1 anti-clockwise 4.
 The vehicle is lowered.

If one or more indicator lamps (3) are on:

► Turn selector wheel ① anti-clockwise ④ until all indicator lamps ③ that are lit start to flash.

The vehicle is lowered to normal level. As soon as the next lowest level is reached, the indicator lamp stops flashing and goes out.

Offroad levels

General notes

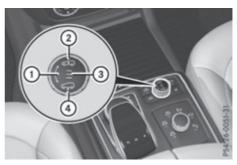
Only select an offroad level if this is appropriate for road conditions. Otherwise, fuel consumption may increase and handling performance may be affected.

You can select the following:

- Offroad level 1 at speeds up to 100 km/h
- Offroad level 2 at speeds up to 65 km/h
- Offroad level 3 at speeds up to 20 km/h

If you select an offroad level when driving at too high a speed, the **Please reduce speed** message appears in the multifunction display. Offroad level 3 is only suitable for driving on extremely difficult off-road terrain under particularly rough conditions.

- Adjust your driving style to the altered handling characteristics.
- Do not drive faster than 20 km/h.



Indicator lamps (\mathfrak{Z}) for the desired offroad level flash:

- the lower indicator lamp flashes, offroad level 1 is selected
- the lower and centre indicator lamps flash, offroad level 2 is selected
- all three indicator lamps flash, offroad level 3 is selected

The vehicle is being adjusted to the offroad level selected. As soon as an offroad level is reached, the corresponding indicator lamp stops flashing and lights up constantly.

Raising the vehicle

Setting the vehicle level using the selector wheel

► To raise the vehicle: turn selector wheel ① clockwise ②.

The vehicle is raised to offroad level 1 by 30 mm compared to the normal level.

During the adjustment, the Vehicle rising message, for example, appears in the multifunction display.

● Up to offroad level 2, you can hide the messages using the <u></u> or <u>OK</u> button on the multifunction steering wheel.

While the adjustment from offroad level 2 to offroad level 3 is taking place, you will see a message such as the following in the multifunction display: Vehicle rising Max. speed 20 km/h.

The Max. speed 20 km/h message draws your attention to the maximum speed permitted for offroad level 3.

If you drive above 20 km/h at offroad level 3, you will see the following message shown in red

in the multifunction display: Lowering Max. speed 20 km/h.



You cannot clear these messages.

You also hear a warning tone. The vehicle is lowered and offroad level 3 is cancelled.

If you continue to increase your speed, the red message continues to be shown in the multifunction display. The newly set level is not displayed until the vehicle has been set to a level suitable for the current speed.

Lowering the vehicle

If you drive faster than 20 km/h while the vehicle is being lowered, you will see the following message shown in white in the multifunction display: Lowering Max. speed 20 km/h.

The vehicle is lowered to offroad level 2.

You will see a message in the multifunction display, for example: Lowering.

Off-road level 2 is cancelled and the vehicle is lowered to offroad level 1 if you:

- drive at speeds above 80 km/h or
- drive at speeds between 65 km/h and 80 km/h for longer than 20 seconds

Off-road level 1 is cancelled. Depending on the vehicle's speed and the selected drive program, the vehicle is automatically lowered to normal level or low level if you:

- drive at speeds above 115 km/h or
- drive at speeds between 100 km/h and 115 km/h for longer than 20 seconds

HOLD function

General notes

The HOLD function can assist the driver in the following situations:

- when pulling away, especially on steep slopes
- when manoeuvring on steep slopes
- when waiting in traffic

The vehicle is kept stationary without the driver having to depress the brake pedal.

The braking effect is cancelled and the HOLD function is deactivated when you depress the accelerator pedal to pull away.

1 Do not use the HOLD function when driving off-road, on steep uphill or downhill gradients or on slippery or loose surfaces. The HOLD

function cannot hold the vehicle on such surfaces.

Important safety notes

∧ WARNING

When leaving the vehicle, it can still roll away despite being braked by the HOLD function if:

- there is a malfunction in the system or in the voltage supply
- the HOLD function is deactivated by the accelerator pedal being depressed, e.g. by a vehicle occupant
- the electrical system in the engine compartment, the battery or the fuses are tampered with
- the battery is disconnected

There is a risk of an accident.

Before leaving the vehicle, always deactivate the HOLD function and secure the vehicle from rolling away.

When DISTRONIC PLUS or the HOLD function is activated, the vehicle brakes automatically in certain situations.

To avoid damage to the vehicle, deactivate DISTRONIC PLUS and the HOLD function in the following or similar situations:

- when towing away
- in a car wash

Deactivating the HOLD function (\triangleright page 220).

Activation conditions

You can activate the HOLD function if:

- the vehicle is stationary
- . the engine is running or if it has been automatically switched off by the ECO start/stop function
- the driver's door is closed or if your seat belt is fastened
- the electric parking brake is released
- the transmission is in position D, R or N
- DISTRONIC PLUS is deactivated

Activating the HOLD function



- Make sure that the activation conditions are met.
- ▶ Depress the brake pedal.
- Quickly depress the brake pedal further until (1) appears in the multifunction display. The HOLD function is activated. You can release the brake pedal.
- If depressing the brake pedal the first time does not activate the HOLD function, wait briefly and then try again.

Deactivating the HOLD function

The HOLD function is deactivated automatically if:

- you depress the accelerator and the transmission is in position **D** or **R**.
- you shift the transmission to position P.
- you depress the brake pedal again with a certain amount of pressure until (1) disappears from the multifunction display.
- you secure the vehicle using the electric parking brake.
- you activate DISTRONIC PLUS.
- (1) After a short period, the vehicle is secured by the electric parking brake, thus relieving the service brake.

When the HOLD function is activated, the transmission is shifted automatically to position ${\bf P}$ if:

- the driver's door is open and the driver's seat belt is unfastened
- the engine is switched off, unless it is automatically switched off by the ECO start/stop function

The electric parking brake secures the vehicle automatically if the HOLD function is activated, the vehicle is stationary and:

- · a system fault occurs
- the power supply is insufficient

On steep uphill or downhill inclines or if there is a malfunction, the transmission may also be automatically shifted into position \mathbf{P} .

AIRMATIC package

General notes

AIRMATIC is an air suspension system with variable damping for improved driving comfort. Level control ensures the best possible suspension and constant ground clearance, even with a laden vehicle. When you drive fast, the vehicle is lowered automatically to improve driving safety and to reduce fuel consumption. There is also the option to manually adjust the vehicle level.

All vehicles (except Mercedes-AMG vehicles): AIRMATIC consists of:

- level settings
- · level control and
- ADS (Adaptive Damping System)

Mercedes-AMG vehicles: AIRMATIC consists of:

- level settings
- · level control and
- ADS PLUS (Adaptive Damping System)

All vehicles (except Mercedes-AMG vehicles): your vehicle may also be equipped with the ACTIVE CURVE SYSTEM (▷ page 222).

Mercedes-AMG vehicles: your vehicle is equipped with the ACTIVE CURVE SYSTEM. (> page 222).

Observe the notes on driving with a trailer (\triangleright page 273).

The vehicle level can be set using the DYNAMIC SELECT controller (\triangleright page 166) or the level button (\triangleright page 222). The setting always corresponds to the last selected function.

Important safety notes

MARNING

People's limbs may become trapped if they are located underneath the vehicle or between the vehicle body and the tyres when the vehicle is lowering. There is a danger of injury. When lowering the vehicle, make sure no one is underneath the vehicle or in the immediate vicinity of the wheel arches.

If you unlock the vehicle or open a door, the vehicle begins to compensate for load discrepancies while still parked. However, for significant level changes, e.g. after the vehicle has been stationary for a long period, the engine must be running. For safety reasons, the vehicle is only lowered when the doors are closed. Lowering is interrupted if a door is opened; it continues once the door has been closed.

ADS and ADS PLUS (Adaptive Damping System)

General notes

The Adaptive Damping System automatically controls the calibration of the dampers. The damping characteristics adapt to the current operating and driving situation.

The damping is tuned individually to each wheel and depends on:

- your driving style, e.g. sporty
- the road surface conditions
- the drive program selected
- the vehicle level setting

Selecting Comfort mode



In the **Comfort** drive program, the driving characteristics of your vehicle are more comfortable. Therefore, select this drive program if you prefer a more comfortable driving style. Also select the **Comfort** drive program when driving fast on straight roads, e.g. on straight stretches of motorway. Select the Comfort drive program using DYNAMIC SELECT controller (1).
 The vehicle is adjusted to normal level.

All vehicles (except Mercedes-AMG vehicles): in the Comfort drive program, the vehicle is lowered by 15 mm if you:

- drive at speeds above 140 km/h or
- drive at speeds between 120 km/h and 140 km/h for longer than 20 seconds

The vehicle is raised again if you:

- drive at speeds below 40 km/h or
- drive at speeds between 40 km/h and 70 km/h for longer than 20 seconds

Mercedes-AMG vehicles: in the Comfort drive program, the vehicle is:

- lowered by 10 mm if you drive at speeds above 180 km/h
- raised again if you drive at speeds below 140 km/h

Selecting Sport mode



The firmer setting of the suspension tuning in the **Sport** drive program ensures even better contact with the road. Select this drive program when employing a sporty driving style, e.g. on winding country roads.

DSR is not available in the **Sport** drive program. Further information on DSR (\triangleright page 252).

 Select the Sport drive program using DYNAMIC SELECT controller ①.
 All vehicles (except Mercedes-AMG vehicles): the vehicle is lowered by 15 mm compared to the normal level.

Mercedes-AMG vehicles: the vehicle remains at the normal level.

Selecting Sport Plus tuning (Mercedes-AMG vehicles)



The very firm setting of the suspension setting in the **Sport Plus** drive program ensures the best possible contact with the road. Select this mode when employing a sporty driving style, e.g. on winding country roads or, ideally, when driving on closed race circuits.

DSR is not available in the **Sport Plus** drive program. Further information on DSR (> page 252).

 Select the Sport Plus drive program using DYNAMIC SELECT controller (1). The vehicle is lowered by 10 mm compared to the normal level.

ACTIVE CURVE SYSTEM

The ACTIVE CURVE SYSTEM uses active stabilisers to optimise both driving comfort and vehicle dynamics. Depending on the drive program selected (\triangleright page 221), the ACTIVE CURVE SYS-TEM also changes the setting.

If you have selected the **Comfort** drive program:

- rolling movement is reduced in the event of changing surface undulations
- the roll angle when cornering is reduced
- the driving is dynamic

If you have selected the Sport drive program:

- the roll angle is reduced significantly
- the driving is even more dynamic

Mercedes-AMG vehicles: if you have selected the Sport Plus drive program:

- the roll angle is again reduced significantly
- the driving is designed for maximum dynamism

Vehicle level

Important safety notes

People's limbs may become trapped if they are located underneath the vehicle or between the vehicle body and the tyres when the vehicle is lowering. There is a danger of injury.

When lowering the vehicle, make sure no one is underneath the vehicle or in the immediate vicinity of the wheel arches.

When driving at a raised vehicle level, the driving characteristics may be significantly affected by the vehicle's raised centre of gravity. The vehicle may be more liable to tip when cornering, for example. There is a risk of an accident.

Always select as low a vehicle level as possible and adjust your driving style accordingly.

When driving with a lowered or raised chassis frame, the driving and braking characteristics may be seriously affected. A raised chassis frame may also exceed the permissible vehicle height. There is a risk of an accident. Set the driving level before pulling away.

Due to the high centre of gravity, the vehicle may start to skid and overturn in the event of abrupt steering manoeuvres and/or when the vehicle's speed is not adapted to the road conditions. There is a risk of an accident.

Always adapt your speed and driving style to the vehicle's driving characteristics and to the prevailing road and weather conditions.

- When driving on extremely rough terrain, select a high vehicle level in good time. Make sure there is always sufficient ground clearance. You will otherwise damage the vehicle.
- SUVs overturn considerably more often than other vehicle types.

If this vehicle is not driven in a safe manner, it can lead to an accident, to the vehicle overturning as well as serious or even fatal injuries.

 In the event of an accident with the vehicle overturning, passengers who are not wearing their seat belt are considerably more likely to die than passengers wearing their seat belt. You and all vehicle occupants should always wear your seat belts.

General notes

Only select raised level if this is appropriate for the road conditions. Otherwise, fuel consumption may increase and handling may be affected.

Make changes to the vehicle level while the vehicle is in motion. This enables the vehicle to adjust to the new level as quickly as possible.

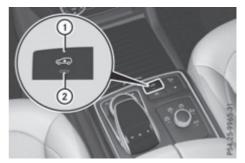
The vehicle level may change visibly if you park the vehicle and the outside temperature changes. If the temperature drops, the vehicle level lowers; with an increase in temperature, the vehicle level rises.

If you unlock the vehicle or open a door, the vehicle begins to compensate for load discrepancies while still parked. However, for significant level changes, e.g. after the vehicle has been stationary for a long period, the engine must be running. For safety reasons, the vehicle is only lowered when the doors are closed. Lowering is interrupted if a door is opened; it continues once the door has been closed.

Vehicles without a trailer coupled: below a speed of 65 km/h, you can select between the normal and raised vehicle level. Select the normal vehicle level for normal road conditions and the raised vehicle level when using snow chains or if the road conditions are very poor. Your selection remains stored even if you remove the key from the ignition lock. If you try to select raised level at a speed above 65 km/h, the Please reduce speed message appears in the multifunction display.

Vehicles with a trailer coupled: below a speed of 30 km/h, you can select between the normal and raised vehicle level.

Setting the raised vehicle level



► Start the engine.

If indicator lamp (2) is not lit:

▶ Press button ①.

Indicator lamp (2) flashes while the vehicle is being raised, and lights up continuously as soon as the vehicle reaches the desired level.

All vehicles (except Mercedes-AMG vehicles): the vehicle is lowered by 60 mm compared to the normal level.

Mercedes-AMG vehicles: the vehicle is raised by 50 mm compared to the normal level (Mercedes-AMG vehicles).

The Vehicle rising message appears in the multifunction display.

The message remains until the raised level is reached.

If you press the or ok button on the multifunction steering wheel, the message will disappear.

The raised vehicle level setting is cancelled if you:

- drive at speeds above 80 km/h (all vehicles except Mercedes-AMG vehicles)
- drive at speeds above 70 km/h (Mercedes-AMG vehicles)
- drive at speeds between 65 km/h and 80 km/h for approximately 20 seconds (all vehicles except Mercedes-AMG vehicles)
- drive at speeds between 65 km/h and 70 km/h for approximately 20 seconds (Mercedes-AMG vehicles)
- drive at speeds above 30 km/h with a trailer.

The raised level remains saved when you are not driving within these speed ranges.

Setting the normal vehicle level

Make sure there is enough ground clearance when the vehicle is being lowered. It could otherwise hit the ground, damaging the underbody.



- ► Start the engine.
- If indicator lamp (2) is lit:
- ▶ Press button ①.

Indicator lamp (2) flashes while the vehicle is being lowered, and goes out as soon as the desired vehicle level is reached.

Vehicles with no trailer coupled: the vehicle is adjusted to the height of the selected drive program (> page 166).

Vehicles with a trailer coupled: the vehicle is adjusted to normal level regardless of the drive program selected (▷ page 166). The vehicle remains at normal level, even if you change drive programs.

During the adjustment, the Lowering message appears in the multifunction display.

If you press the or ok button on the multifunction steering wheel, the message will disappear.

AMG RIDE CONTROL

General notes

 AMG RIDE CONTROL is available for Mercedes-AMG vehicles and for the GLE 450.

The electronically controlled damping system works continuously. This improves driving safety and ride comfort.

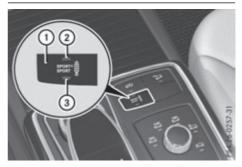
The damping is tuned individually to each wheel and depends on:

- your driving style, e.g. sporty
- the road surface condition, e.g. bumps
- your individual selection of Sport, Sport + or Comfort

The suspension setting can be adjusted using the corresponding button in the centre console or the DYNAMIC SELECT controller (> page 166).

If the ignition is switched off for less than four hours, the previously selected drive program is activated when the engine is next started. If the ignition is switched off for more than four hours, Comfort mode is activated when the engine is next started.

Sport mode



The firmer setting of the suspension tuning in Sport mode ensures even better contact with the road. Select this mode when employing a sporty driving style, e.g. on winding country roads.

 Press button ① repeatedly until indicator lamp ③ lights up.

You have selected Sport mode.

The AMG Ride Control SPORT message appears in the multifunction display.

Sport + mode

The very firm setting of the suspension setting in Sport + mode ensures the best possible contact with the road. Select this mode only when driving on race circuits.

If indicator lamps (2) and (3) are off:

 Press button ① repeatedly until indicator lamp ② lights up.
 You have selected Sport + mode. The AMG Ride Control SPORT + message appears in the multifunction display.

In "Sport +" mode, the vehicle is lowered by 10 mm compared to the normal level.

Comfort mode

In Comfort mode, the driving characteristics of your vehicle are more comfortable. Select this mode if you prefer a more comfortable driving style, but also when driving fast on straight roads, e.g. motorways.

 Press button ① repeatedly until indicator lamps ② and ③ go out. You have selected Comfort mode.

The AMG Ride Control COMFORT message appears in the multifunction display.

PARKTRONIC

Important safety notes

PARKTRONIC is an electronic parking aid with ultrasonic sensors. It monitors the area around your vehicle using six sensors in the front bumper and six sensors in the rear bumper. PARKTRONIC indicates visually and audibly the distance between your vehicle and an object. PARKTRONIC is only an aid. It is not a substitute for your attention to the immediate surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that there are no persons, animals or objects in range while manoeuvring and parking.

When parking, pay particular attention to objects above or below the sensors, such as flower pots or trailer drawbars. PARKTRONIC does not detect such objects when they are in the immediate vicinity of the vehicle. You could damage the vehicle or the objects.

The sensors may not detect snow and objects which absorb ultrasonic sources.

Ultrasonic sources, such as an automatic car wash, a lorry's compressed-air brakes or a pneumatic drill, could cause PARKTRONIC to malfunction.

PARKTRONIC may not function correctly on uneven terrain.

Fold in the ball coupling if the trailer tow hitch is not required. PARKTRONIC measures

the minimum detection range to an obstacle from the bumper, not the ball coupling.

PARKTRONIC is deactivated for the rear area when you establish an electrical connection between your vehicle and a trailer.

PARKTRONIC is activated automatically when you:

- switch on the ignition
- shift the transmission to position D, R or N
- release the electric parking brake

PARKTRONIC is deactivated at speeds above 18 km/h. It is reactivated at lower speeds.

Range of the sensors

General notes

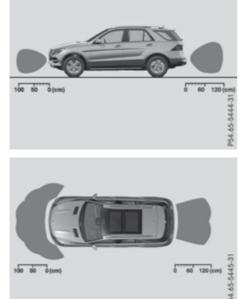
PARKTRONIC does not take into account obstacles located:

- below the detection range, e.g. persons, animals or objects
- above the detection range, e.g. overhanging loads, tail sections or loading ramps of goods vehicles



 Example: sensors in the front bumper, lefthand side

The sensors must be free of dirt, ice and slush. Otherwise, they may not function correctly. Clean the sensors regularly, taking care not to scratch or damage them (\triangleright page 382).



Front sensors

Centre	Approx. 100 cm
Corners	Approx. 60 cm

Rear sensors

Centre	Approx. 120 cm
Corners	Approx. 80 cm

Minimum distance

Centre	Approx. 20 cm
Corners	Approx. 15 cm

If there is an obstacle within this range, the relevant warning displays light up and a warning tone sounds. If the distance falls below the minimum, the distance may no longer be shown.

Warning displays



- Segments on the left-hand side of the vehicle
- ② Segments on the right-hand side of the vehicle
- ③ Segments showing operational readiness

The warning displays show the distance between the sensors and the obstacle. The warning display for the front area is located on the dashboard above the centre air vents. The warning display for the rear area is located on the roof lining in the rear compartment.

The warning display for each side of the vehicle is divided into five yellow and two red segments. PARKTRONIC is operational if yellow segments showing operational readiness ③ light up.

The selected transmission position and the direction in which the vehicle is rolling determine which warning display is active when the engine is running.

Transmission posi- tion	Warning display
D	Front area activated
R , N or the vehicle is rolling backwards	Rear and front areas activated
Р	No areas activated

One or more segments light up as the vehicle approaches an obstacle, depending on the vehicle's distance from the obstacle.

From the:

- sixth segment onwards, you will hear an intermittent warning tone for approximately two seconds.
- seventh segment onwards, you will hear a warning tone for approximately two seconds.

This indicates that you have now reached the minimum distance.

Deactivating/activating PARKTRONIC



- ① Indicator lamp
- (2) To deactivate/activate PARKTRONIC

If indicator lamp () lights up, PARKTRONIC is deactivated. Active Parking Assist is then also deactivated.

() PARKTRONIC is automatically activated when you turn the key to position **2** in the ignition lock.

Problems with PARKTRONIC

Problem	Possible causes/consequences and Solutions
Only the red segments in the PARKTRONIC warn- ing displays are lit. You also hear a warning tone for approximately two seconds. PARKTRONIC is deacti- vated after approx- imately five seconds, and the indicator lamp in the PARKTRONIC button lights up.	 PARKTRONIC has malfunctioned and has switched off. If problems persist, have PARKTRONIC checked at a qualified specialist workshop.
Only the red segments in the PARKTRONIC warn- ing displays are lit. PARKTRONIC is deacti- vated after approx- imately five seconds.	 The PARKTRONIC sensors are dirty or there is interference. ▶ Clean the PARKTRONIC sensors (▷ page 382). ▶ Switch the ignition back on.
	The problem may be caused by an external source of radio or ultrasound waves.See if PARKTRONIC functions in a different location.

Active Parking Assist

General notes

Active Parking Assist is an electronic parking aid with ultrasound. It measures the road on both sides of the vehicle. A parking symbol indicates a suitable parking space. Active steering intervention and brake application can assist you during parking. You may also use PARKTRONIC (\triangleright page 225).

Important safety notes

Active Parking Assist is only an aid. It is not a substitute for your attention to the immediate surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that no persons, animals or objects are in the manoeuvring range.

When PARKTRONIC is switched off, Active Parking Assist is also unavailable.

▲ WARNING

While parking or pulling out of a parking space, the vehicle swings out and can drive onto areas of the oncoming lane. This could cause you to collide with other road users. There is a risk of an accident.

Pay attention to other road users. Stop the vehicle if necessary or cancel the Active Parking Assist parking procedure.

If unavoidable, you should drive over obstacles such as kerbs slowly and not at a sharp angle. Otherwise, you may damage the wheels or tyres.

Active Parking Assist may also display spaces not suitable for parking, e.g.:

- parking or stopping restrictions
- in front of driveways or entrances and exits
- unsuitable surfaces

Parking tips:

- on narrow roads, drive as closely as possible past the parking space
- parking spaces that are littered or overgrown might be identified or measured incorrectly
- parking spaces that are partially occupied by trailer drawbars might not be identified as such or be measured incorrectly

- snowfall or heavy rain may lead to a parking space being measured inaccurately
- pay attention to the PARKTRONIC
 (▷ page 226) warning messages during the parking procedure
- at any time, you can intervene in the steering procedure to correct it. Active Parking Assist will then be cancelled.
- when transporting a load which protrudes from your vehicle, you should not use Active Parking Assist.
- never use Active Parking Assist when snow chains are fitted.
- make sure that the tyre pressures are always correct. This has a direct influence on the parking characteristics of the vehicle.

Use Active Parking Assist for parking spaces that are:

- parallel or at right angles to the direction of travel
- on straight roads, not bends
- on the same level as the road, e.g. not on the pavement

Detecting parking spaces

Objects located above the height range of Active Parking Assist will not be detected when the parking space is measured. These are not taken into account when the parking procedure is calculated, e.g. overhanging loads, tail sections or loading ramps of goods vehicles.

If there are objects above the detection range:

- Active Park Assist may steer too early
- the vehicle may not stop in front of these objects

This could cause a collision. There is a risk of an accident.

If objects are located above the detection range, stop and deactivate Active Parking Assist.

For further information on the detection range (\triangleright page 225).

Active Parking Assist does not assist you parking in spaces at right angles to the direction of travel if:

- two parking spaces are located directly next to one another
- the parking space is directly next to a low obstacle such as a low kerb
- you forward park

Active Parking Assist does not assist you parking in spaces that are parallel or at right angles to the direction of travel if:

- the parking space is on a kerb
- the system reads the parking space as being blocked, for example by foliage or grass paving blocks
- the area is too small for the vehicle to manoeuvre into
- the parking space is bordered by an obstacle, e.g. a tree, a post or a trailer



- 1 Detected parking space on the left
- Parking symbol
- ③ Detected parking space on the right

Active Parking Assist is activated automatically when driving forwards. The system is operational at speeds of up to approximately 35 km/h. While in operation, the system independently locates and measures parking spaces on both sides of the vehicle.

Active Parking Assist will only detect parking spaces:

- parallel or at right angles to the direction of travel
- that are parallel to the direction of travel and are at least 1.5 m wide
- that are parallel to the direction of travel and at least 1.0 m longer than your vehicle
- that are at right angles to the direction of travel and at least 1.0 m wider than your vehicle
- Note that Active Parking Assist cannot measure the size of a parking space if it is at right angles to the direction of travel. You will

need to judge whether your vehicle will fit in the parking space.

When driving at speeds below 30 km/h, you will see parking symbol (2) as a status indicator in the instrument cluster. When a parking space has been detected, an arrow towards the right or the left also appears. Active Parking Assist only displays parking spaces on the front-passenger side as standard. Parking spaces on the driver's side are displayed as soon as the turn signal on the driver's side is activated. When parking on the driver's side, this must remain activated until you confirm the use of Active Parking Assist by pressing the OK button on the multifunction steering wheel. The system automatically determines whether the parking space is parallel or at right angles to the direction of travel.

A parking space is displayed while you are driving past it, and until you are approximately 15 m away from it.

Parking

MARNING №

If you leave the vehicle when it is only being braked by Active Parking Assist it could roll away if:

- there is a malfunction in the system or in the voltage supply.
- the electrical system in the engine compartment, the battery or the fuses are tampered with.
- the battery is disconnected.
- the vehicle is accelerated, e.g. by a vehicle occupant.

There is a risk of an accident.

Before leaving the vehicle, always secure it against rolling away.

When PARKTRONIC detects obstacles, Active Parking Assist brakes automatically during the parking process. You are responsible for braking in good time.

- Stop the vehicle when the parking symbol shows the desired parking space in the instrument cluster.
- Shift the transmission to position R. The Start Park Assist? Yes: OK No:
 message appears in the multifunction display.
- ► To cancel the procedure: press the _____ button on the multifunction steering wheel or pull away.

or

► To park using Active Parking Assist: press the OK button on the multifunction steering wheel.

The Park Assist active Accelerate and brake Observe surroundings message appears in the multifunction display.

- ▶ Release the multifunction steering wheel.
- Reverse the vehicle, being ready to brake at all times. When reversing, drive at a speed below 10 km/h. Otherwise, Active Parking Assist will be cancelled.

Active Parking Assist brakes the vehicle to a standstill when the vehicle approaches the rear border of the parking space.

Manoeuvring may be required in tight parking spaces.

The Park Assist active Select D Observe surroundings message appears in the multifunction display.

 Shift the transmission to position D while the vehicle is stationary. Active Parking Assist immediately steers in

the other direction. The Park Assist active Accelerate and brake Observe surroundings message appears in the multifunction display.

- You will achieve the best results by waiting for the steering procedure to complete before pulling away.
- Drive forwards and be ready to brake at all times.
 Active Parking Assist brakes the vehicle to a

standstill.

The Park Assist active Select R Observe surroundings message appears in the multifunction display.

As soon as the parking procedure is complete, the Park Assist switched off message appears in the multifunction display and a warning tone sounds. The vehicle is now parked. The vehicle is kept stationary without the driver having to depress the brake pedal. The braking effect is cancelled when you depress the accelerator pedal.

Active Parking Assist no longer supports you with steering interventions and brake applications. When Active Parking Assist is finished, you must steer and brake again yourself. PARKTRONIC is still available.

Parking tips:

- The way your vehicle is positioned in the parking space after parking is dependent on various factors. These include the position and shape of the vehicles parked in front and behind it and the conditions of the location. It may be the case that Active Parking Assist guides you too far into a parking space, or not far enough into it. In some cases, it may also lead you across or onto the kerb. If necessary, you should cancel the parking procedure with Active Parking Assist.
- You can also preselect transmission position
 D. The vehicle redirects and does not drive as far into the parking space. Should the transmission change take place too early, the parking procedure will be cancelled. A sensible parking position can no longer be achieved from this position.

Exiting a parking space

In order that Active Parking Assist can support you when exiting the parking space:

- the border of the parking space must be high enough at the front and the rear. A kerb stone is too small, for example.
- the border of the parking space must not be too wide, as the position of the vehicle must not exceed an angle of 45° to the starting position as it is manoeuvred into the parking space.
- a manoeuvring distance of at least 1.0 m must be available.

Active Parking Assist can only assist you with exiting a parking space if you have parked the vehicle parallel to the direction of travel using Active Parking Assist.

IF PARKTRONIC detects obstacles, Active Parking Assist brakes automatically whilst the vehicle exits the parking space. You are responsible for braking in good time.

- ► Start the engine.
- ▶ Release the electric parking brake.
- Switch on the turn signal in the direction you will drive out of the parking space.
- Shift the transmission to position D or R. The Start Park Assist? Yes: OK No: message appears in the multifunction display
 .
- ► To cancel the procedure: press the button on the multifunction steering wheel or pull away.

or

- ► To exit a parking space using Active Parking Assist: press the OK button on the multifunction steering wheel. The Park Assist active Accelerate and brake Observe surroundings message appears in the multifunction display.
- Release the multifunction steering wheel.
- Pull away, being ready to brake at all times. Do not exceed a maximum speed of approximately 10 km/h when exiting a parking space. Otherwise, Active Parking Assist will be cancelled.
- Shift the transmission to position D or R as required or according to the message while the vehicle is stationary. Active Parking Assist immediately steers in the other direction. The Park Assist active Accelerate and brake Observe surroundings message appears in the multifunction display.
- You will achieve the best results by waiting for the steering procedure to complete before pulling away.

If you reverse after activation, the steering wheel is moved to the straight-ahead position.

 Drive forwards and reverse as prompted by the PARKTRONIC warning displays, several times if necessary.

Once you have exited the parking space completely, the steering wheel is moved to the straight-ahead position. You hear a tone and the **Park Assist switched off** message appears in the multifunction display. You will then have to steer and merge into traffic on your own. PARKTRONIC is still available. You can take over the steering before the vehicle has exited the parking space completely. This is useful, for example, when you recognise that it is already possible to pull out of the parking space.

- Stop the movement of the multifunction steering wheel or steer yourself. Active Parking Assist will be cancelled at once. The Park Assist cancelled message appears in the multifunction display. or
- ▶ Press the PARKTRONIC button (▷ page 227). PARKTRONIC is switched off and Active Parking Assist is immediately cancelled. The Park Assist cancelled message appears in the multifunction display.

Active Parking Assist is cancelled automatically if:

- the electric parking brake is applied
- \bullet transmission position ${\bf P}$ is selected
- parking using Active Parking Assist is no longer possible
- you are driving faster than 10 km/h
- a wheel spins and ESP[®] intervenes or fails. The R warning lamp lights up in the instrument cluster.

A warning tone sounds. The parking symbol disappears and the multifunction display shows the Park Assist cancelled message.

When Active Parking Assist is cancelled, you must steer and brake again yourself.

If a system malfunction occurs, the vehicle is braked to a standstill. To drive on, depress the accelerator pedal again.

Reversing camera

General notes



Reversing camera 1 is an optical parking and manoeuvring aid. It shows the area behind your

vehicle with guide lines in the multimedia system.

The area behind the vehicle is displayed as a mirror image, as in the rear-view mirror.

(1) The text shown in the multimedia system display depends on the language setting. The following are examples of reversing camera messages in the multimedia system.

Important safety notes

The reversing camera is only an aid. It is not a substitute for your attention to the immediate surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that there are no persons, animals or objects in range while manoeuvring and parking. Under the following circumstances, the reversing camera will not function, or will function in a limited manner:

- · if the boot lid is open
- in heavy rain, snow or fog
- at night or in very dark places
- if the camera is exposed to very bright light
- if the area is lit by fluorescent bulbs or LED lighting (the display may flicker)
- if there is a sudden change in temperature, e.g. when driving into a heated garage in winter
- if the camera lens is dirty or obstructed. Observe the notes on cleaning (▷ page 383)
- if the rear of your vehicle is damaged. In this case, have the camera position and setting checked at a qualified specialist workshop

The field of vision and other functions of the reversing camera may be restricted due to additional accessories on the rear of the vehicle (e.g. licence plate holder, bicycle rack).

For technical reasons, leaving the standard height can result in inaccuracies in the guide lines on vehicles with a height-adjustable chassis.

- The reversing camera is protected from raindrops and dust by means of a flap. When the reversing camera is activated, this flap opens. The flap closes again when:
 - you have finished the manoeuvring process
 - you switch off the engine
 - you open the luggage compartment

See the notes on cleaning (\triangleright page 383). For technical reasons, the flap may remain open briefly after the reversing camera has been deactivated.

Activating/deactivating the reversing camera



- ► To activate: make sure that the key is in position 2 in the ignition lock.
- Make sure that the Activation by R gear function is selected in the multimedia system; see the Digital Owner's Manual.
- Engage reverse gear. The reversing camera flap opens. The multimedia system shows the area behind the vehicle with guide lines.

The image from the reversing camera is available throughout the manoeuvring process.

► To switch the function mode for vehicles with trailer tow hitch: using the controller, select symbol ① for the "Reverse parking" function or symbol ② for "Coupling up a trailer".

The symbol of the selected function is highlighted.

To deactivate: the reversing camera deactivates if you shift the transmission to **P** or after driving forwards a short distance.

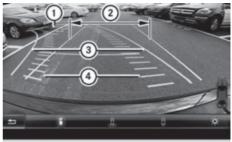
Displays in the multimedia system

The reversing camera may show a distorted view of obstacles or show them incorrectly or not at all. Obstacles are not shown by the reversing camera in the following locations:

- very close to the rear bumper
- under the rear bumper
- in the area immediately above the tailgate handle

- Dbjects not at ground level may appear to be further away than they actually are, e.g.:
 - the bumper of a parked vehicle
 - the drawbar of a trailer
 - the ball coupling of a trailer tow hitch
 - the rear section of an HGV
 - a slanted post

Use the guidelines only for orientation. Approach objects no further than the bottommost guideline.



P54.65-5270-31

- (1) Yellow guide line at a distance of approximately 4.0 m from the rear of the vehicle
- ② White guide line without turning the steering wheel, vehicle width including the exterior mirrors (static)
- ③ Yellow guide line for the vehicle width including the exterior mirrors, for current steering wheel angle (dynamic)
- Yellow lane marking the course the tyres will take at the current steering wheel angle (dynamic)



- 5 Yellow guide line at a distance of approximately 1.0 m from the rear of the vehicle
- (6) Vehicle centre axis (locating aid)
- ⑦ Bumper
- (8) Red guide line at a distance of approximately 0.30 m from the rear of the vehicle

234 Driving systems

The guide lines are shown when the transmission is in position ${\bf R}.$

The distance specifications only apply to objects that are at ground level.



- ① Front warning display
- ② Additional PARKTRONIC measurement operational readiness indicator
- ③ Rear warning display

Vehicles with PARKTRONIC: when

PARKTRONIC is operational (▷ page 226), additional measurement operational readiness indicator ② appears in the multimedia system. If the PARKTRONIC warning displays are active or light up, warning displays ① and ③ are also active or light up correspondingly in the multimedia system.

"Reverse parking" function

Reversing straight into a parking space without turning the steering wheel



- ① White guide line without turning the steering wheel, vehicle width including the exterior mirrors (static)
- Yellow guide line for the vehicle width including the exterior mirrors, for current steering wheel angle (dynamic)

- ③ Yellow guide line at a distance of approximately 1.0 m from the rear of the vehicle
- Red guide line at a distance of approximately
 0.30 m from the rear of the vehicle
- Make sure that the reversing camera is switched on (▷ page 233). The lane and the guide lines are shown.
- With the help of white guide line ①, check whether the vehicle will fit into the parking space.
- Using white guide line ① as a guide, carefully reverse until you reach the end position. Red guide line ④ is then at the end of the parking space. The vehicle is almost parallel in the parking space.

Reverse perpendicular parking with the steering wheel at an angle



- ① Parking space marking
- ② Yellow guide line for the vehicle width including the exterior mirrors, for current steering wheel angle (dynamic)
- Drive past the parking space and bring the vehicle to a standstill.
- Make sure that the reversing camera is switched on (▷ page 233). The lane and the guide lines are shown.
- While the vehicle is at a standstill, turn the steering wheel in the direction of the parking space until yellow guide line (2) reaches parking space marking (1).
- Keep the steering wheel in that position and reverse carefully.



- Yellow guide line for the vehicle width including the exterior mirrors, for current steering wheel angle (dynamic)
- Stop the vehicle when it is almost exactly in front of the parking space. The white lane should be as close to parallel with the parking space marking as possible.



- P54.65-5276-31
- (1) White guide line at current steering wheel angle
- ② Parking space marking
- ► Turn the steering wheel to the centre position while the vehicle is stationary.

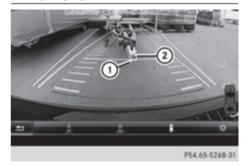


P54.65-5277-31

- Red guide line at a distance of approximately 0.30 m from the rear of the vehicle
- ② White guide line without turning the steering wheel
- ③ End of parking space
- Reverse carefully until you have reached the end position.

Red guide line (1) is then at the end of parking space (3). The vehicle is almost parallel in the parking space.

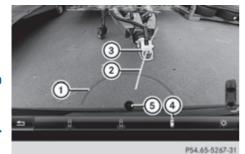
"Coupling up a trailer" function



- ① Vehicle centre point on the yellow guide line at a distance of approximately 1.0 m from the rear of the vehicle
- Trailer drawbar

This function is only available on vehicles with a trailer tow hitch.

- Before coupling up a trailer, set the height of trailer drawbar ② so that it is slightly higher than the ball coupling.
- Position the vehicle centrally in front of trailer drawbar (2).



- Red guide line at a distance of approximately 0.30 m from the ball coupling
- ② Trailer drawbar locating aid
- ③ Trailer drawbar
- ④ Symbol for the "Coupling up a trailer" function
- ⑤ Ball coupling
- For technical reasons, the ball coupling of the trailer tow hitch in the multimedia system display is either only partially visible or not at all.
- Select symbol ④ using the controller. The "Coupling up a trailer" function is selected. The distance specifications now only apply to objects that are at the same level as the ball coupling.
- Reverse carefully, making sure that trailer drawbar locating aid (2) points approximately in the direction of trailer drawbar (3).
- Reverse carefully until trailer drawbar ③ reaches the red guide line. The distance between the trailer drawbar and the red guide line is now approximately 0.30 m.
- ▶ Couple up the trailer (▷ page 273).

180° view



P54.65-5269-31

- ① Symbol for the 180° view function
- Own vehicle
- ③ PARKTRONIC warning displays

You can also use the reversing camera to select a 180° view.

When PARKTRONIC is operational (> page 226), a symbol for your own vehicle appears in the multimedia system. If the PARKTRONIC warning displays are active, warning displays ③ light up in the multimedia system in yellow or red accordingly.

360° camera

General notes

The 360 $^{\circ}$ camera is a camera system that consists of four cameras.

The system evaluates images from the following cameras:

- reversing camera
- front camera
- two cameras in the exterior mirrors

The cameras cover the immediate surroundings of the vehicle. The system assists you, for instance when parking or at exits with reduced visibility.

You can show pictures from the 360° camera in full-screen mode or in seven different splitscreen views on the multimedia system display. A split-screen view also includes a top view of the vehicle. This view is calculated from the data supplied by the installed cameras (virtual camera).

The seven split-screen views are:

- top view and image from the reversing camera (130° viewing angle)
- top view and image from the front camera (130° viewing angle without displaying the maximum steering wheel angle)
- top view and enlarged rear view
- top view and enlarged front view
- top view and trailer view (vehicles with trailer tow hitch)
- top view and rear-view images from the exterior mirror cameras (rear wheel view)
- top view and forward-view images from the exterior mirror cameras (front wheel view)

The top view and trailer view are available for vehicles equipped with a trailer tow hitch.

When the function is active and you shift the transmission from ${\bf D}$ or ${\bf R}$ to ${\bf N}$, the dynamic guide lines are hidden.

When you change between transmission positions D and R, you see the previously selected front or rear view.

Distances measured by PARKTRONIC will also be optically displayed:

- as red or yellow brackets around the vehicle symbol in top view in split-screen mode or
- at the bottom right as red or yellow brackets around the vehicle symbol in full-screen mode

The line thickness and colour of the brackets show how far the vehicle is from an object.

- yellow brackets with thin lines: PARKTRONIC is active
- yellow brackets with normal lines: an object is present in close range of the vehicle
- red line: an object is present in the immediate close range of the vehicle

The camera in the rear area is protected from raindrops and dust by means of a flap. When the camera is activated, this flap opens. The flap closes again when:

- · you have finished the manoeuvring process
- you switch off the engine
- you open the luggage compartment

See the notes on cleaning (\triangleright page 383). For technical reasons, the flap may remain open briefly after the camera has been deactivated.

Important safety notes

The 360° camera is only an aid and may show a distorted view of obstacles, show them incorrectly or not at all. The 360° camera is not a substitute for attentive driving.

The responsibility for safe manoeuvring and parking remains with you. Make sure that there are no persons, animals or objects in range while manoeuvring and parking.

You are always responsible for safety, and must always pay attention to your surroundings when parking and manoeuvring. This applies to the areas behind, in front of and beside the vehicle. You could otherwise endanger yourself and others.

The 360° camera will not function or will function only in a limited manner:

- if the doors are open
- if the exterior mirrors are folded in
- · if the tailgate is open
- in heavy rain, snow or fog
- at night or in very dark places
- if the cameras are exposed to very bright light
- if the area is lit by fluorescent bulbs or LED lighting (the display may flicker)
- if there is a sudden change in temperature, e.g. when driving into a heated garage in winter
- if the camera lenses are dirty or covered
- if the vehicle components in which the cameras are fitted are damaged. In this event, have the camera position and setting checked at a qualified specialist workshop.

Do not use the 360° camera under such circumstances. You could otherwise injure others or damage objects when parking the vehicle.

Guide lines are always shown at road level. In trailer mode, the guide lines are shown at the level of the trailer coupling.

The field of vision and other functions of the camera system may be restricted due to additional accessories on the rear of the vehicle (e.g. licence plate holder, bicycle rack).

On vehicles with height-adjustable suspension, due to the technical conditions, leaving the standard height can result in:

- inaccuracies in the guide lines
- inaccuracies in the display of generated images (top view)

Activation conditions

The 360° camera image can be displayed if:

- your vehicle is equipped with a 360° camera
- the key is in position 2 in the ignition lock
- the multimedia system is switched on

Activating the 360° camera

 Press the solution in the centre console for longer than two seconds.

The following appears depending on whether transmission position ${\bf D}$ or ${\bf R}$ is selected:

- a split-screen with top view and the image from the front camera or
- a split-screen with top view and the image from the reversing camera

or

- Press the state button in the centre console. The vehicle menu appears.
- Select 360° camera and press (b) to confirm. The following appears depending on whether transmission position D or R is selected:
 - a split-screen with top view and the image from the front camera or
 - a split-screen with top view and the image from the reversing camera

Switching on the 360° camera using reverse gear

You can show images from the 360° camera automatically by engaging reverse gear.

- Make sure that the key is in position 2 in the ignition lock.
- Make sure that the Activation by R gear function is selected in the multimedia system (see the separate operating instructions).
- ► To show the 360° camera image: engage reverse gear.

The multimedia system shows the area behind the vehicle in split-screen mode. You see the top view of the vehicle and the image from the reversing camera.

Selecting the split-screens or 180° view

Selecting split-screen view

- ► To switch to the line with the vehicle icons: slide t⊙ the controller.
- ► To select one of the vehicle icons: turn (○) the controller.
- ► To switch to 180° view: turn (○) the controller to select 180° view and press (>) to confirm.
- The 180° view option is only available in the following views:
 - Top view with image from the reversing camera
 - Top view with image from the front camera

Displays in the multimedia system

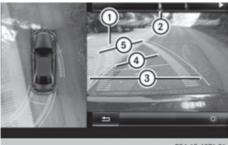
Important safety notes

The camera system may show a distorted view of obstacles or show them incorrectly or not at all. Obstacles are not shown by the system in the following locations:

- under the front and rear bumpers
- very close to the front and rear bumpers
- in the area immediately above the tailgate handle
- · very close to the exterior mirrors
- in the transitional areas between the various cameras in the virtual top view
- Objects not at ground level may appear to be further away than they actually are, e.g.:
 - the bumper of a parked vehicle
 - the drawbar of a trailer
 - the ball coupling of a trailer tow hitch
 - the rear section of an HGV
 - a slanted post

Use the guidelines only for orientation. Approach objects no further than the bottommost guideline.

Top view with image from the reversing camera



P54.65-4871-31

- (1) Yellow guide line at a distance of approximately 4.0 m from the rear of the vehicle
- ② Symbol for the split-screen setting with top view and reversing camera image
- ③ Guide line for the maximum steering angle
- Yellow lane marking the course the tyres will take at the current steering wheel angle (dynamic)
- Yellow guide line for the vehicle width including the exterior mirrors, for current steering wheel angle (dynamic)



- (6) Vehicle centre axis (locating aid)
- ⑦ Yellow guide line at a distance of approximately 1.0 m from the rear of the vehicle
- (8) Bumper
- Red guide line at a distance of approximately 0.30 m from the rear of the vehicle

The guide lines are shown when the transmission is in position ${\bf R}.$

The distance specifications only apply to objects that are at ground level.

Top view with image from the front camera



P54.65-4869-31

- () Symbol for the split-screen setting with top view and front camera image
- ② Yellow guide line at a distance of approximately 4.0 m from the front of the vehicle
- ③ Yellow guide line for the vehicle width including the exterior mirrors, for current steering wheel angle (dynamic)
- Yellow lane marking the course the tyres will take at the current steering wheel angle (dynamic)
- (5) Red guide line at a distance of approximately
 0.30 m from the front of the vehicle
- Sellow guide line at a distance of approximately 1.0 m from the front of the vehicle

Top view and enlarged rear view



P54.65-4874-31

- Symbol for the split-screen setting with top view and reversing camera image enlarged
- Red guide line at a distance of approximately
 0.30 m from the rear of the vehicle

This view assists you in estimating the distance to the vehicle behind you.

This setting can also be selected as an enlarged front view.

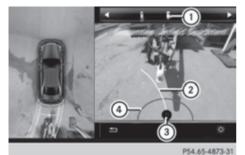
Top view with image from the camera in the exterior mirrors



P54.65-4868-31

- Symbol for setting the top view with image from the forward camera in the exterior mirrors
- Yellow guide line for the vehicle width including the exterior mirror (right side of vehicle)
- Yellow guide line for the vehicle width including the exterior mirror (left side of vehicle)
- You can also select the camera setting in the exterior mirrors for the rear-facing view.

Top view with trailer view



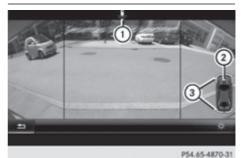
① Symbol for the trailer view setting

- 2 Trailer drawbar locating aid
- ③ Ball coupling
- Red guide line at a distance of approximately 0.30 m from the ball coupling

The lines are shown at the level of the trailer coupling.

() For technical reasons, the ball coupling of the trailer tow hitch is only partially visible in the multimedia system display.

180° view



(1) Symbol for the full-screen setting with the reversing camera image

- Own vehicle
- ③ PARKTRONIC warning displays
- 180° view can also be selected as front view.

Select this view when you are driving out of an exit and the view of crossing traffic is restricted, for example.

Stopping the 360° camera display

The 360° camera display is stopped:

- \bullet when you select transmission position ${\bf P},$ or
- when you are driving at moderate speeds The previous display appears in the multimedia system. You can also switch the display by selecting the <u>symbol</u> in the display and pressing the controller to confirm.

ATTENTION ASSIST

General notes

ATTENTION ASSIST helps you during long, monotonous journeys such as on motorways and trunk roads. It is active in the 60 km/h to 200 km/h speed range. If ATTENTION ASSIST detects typical indicators of fatigue or increasing lapses in concentration on the part of the driver, it suggests taking a break.

Important safety notes

ATTENTION ASSIST is only an aid. It may not always detect fatigue or lapses in concentration until too late, or may not detect them at all. The system is not a substitute for a well-rested and attentive driver.

The functionality of ATTENTION ASSIST is restricted, and warnings may be delayed or not occur at all:

- if the length of the journey is less than approximately 30 minutes
- if the road condition is poor, e.g. if the surface is uneven or if there are potholes
- if there is a strong side wind
- if you have adopted a sporty driving style with high cornering speeds or high rates of acceleration
- if you are predominantly driving at a speed below 60 km/h or above 200 km/h
- if you are driving with the DISTRONIC PLUS active steer assist activated
- if the time has been set incorrectly
- in active driving situations, such as when you change lanes or change your speed

The evaluation of your attention level is deleted and restarted when continuing the journey, if:

- · you switch off the engine
- you take off your seat belt and open the driver's door, e.g. for a change of drivers or to take a break

Displaying the attention level



You can have current status information displayed in the assistance menu (\triangleright page 289) of the on-board computer.

► Select the assistance graphic display for ATTENTION ASSIST using the on-board computer (▷ page 290). The following information is displayed:

- the length of the journey since the last break
- the attention level determined by ATTENTION ASSIST, displayed in a bar display in five levels from high to low
- if ATTENTION ASSIST is unable to calculate the attention level and cannot output a warning, the **System suspended** message appears. The bar display then changes the display, e.g. if you are driving at a speed below 60 km/h or above 200 km/h.

Activating ATTENTION ASSIST

► Activate ATTENTION ASSIST using the onboard computer (▷ page 291). The system determines the attention level of the driver depending on the setting selected:

Standard selected: the sensitivity with which the system determines the attention level is set to normal.

Sensitive selected: the sensitivity is set higher. The attention level detected by ATTENTION ASSIST is adapted accordingly and the driver is warned earlier.

When ATTENTION ASSIST has been deactivated, it is automatically reactivated after the engine has been switched off. The sensitivity selected corresponds to the last selection activated (standard/sensitive).

Warning in the multifunction display

If fatigue or increasing lapses in concentration are detected, a warning appears in the multifunction display: Attention Assist: Take a break!

In addition to the message shown in the multifunction display, you will then hear a warning tone.

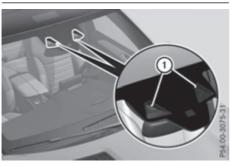
- ▶ If necessary, take a break.
- ► Confirm the message by pressing the OK button on the steering wheel.

On long journeys, take regular breaks in good time to allow yourself to rest. If you do not take a break, you will be warned again after 15 minutes at the earliest. This will only happen if ATTENTION ASSIST still detects typical indicators of fatigue or increasing lapses in concentration.

Vehicles with COMAND Online: if a warning is output in the multifunction display, a service station search is performed in COMAND Online. You can select a service station and navigation to this service station will then begin. This function can be activated and deactivated in COMAND Online.

Traffic Sign Assist

General notes



Traffic Sign Assist displays the maximum speed permitted and overtaking restrictions to the driver in the instrument cluster. Driving onto a section of road in the wrong direction triggers a warning. Traffic Sign Assist detects traffic signs with camera system (1) attached behind the top of the windscreen. The data and general traffic regulations stored in the navigation system are also used to determine the current speed limit.

If a traffic sign that is relevant to your vehicle is passed, the display of the speed limits and overtaking restrictions is updated.

The display can also be updated without a visible traffic sign if:

- the vehicle changes roads (e.g. motorway exit or slip road)
- a village or town boundary is passed which is stored in the digital map
- the last traffic sign detected by the camera has not been repeated

If a sign indicating the end of a restriction (speed limit or overtaking restriction) is passed, the sign is displayed for five seconds. The currently applicable traffic regulation continues to be shown in the assistance graphic display. The camera also detects traffic signs with a restriction indicated by an additional sign (e.g. in wet conditions).

The traffic signs are only displayed with the restrictions if:

- the regulation must be observed with the restriction, or
- Traffic Sign Assist is unable to determine whether the restriction applies

If Traffic Sign Assist is unable to determine a maximum permitted speed from any of the available sources, no speed limit is displayed in the instrument cluster either.



Traffic Sign Assist is not available in all countries. In this case, symbol (1) is shown in the assistance graphic display (\triangleright page 290).

Important safety notes

Traffic Sign Assist is only an aid and is not always able to correctly display speed limits and overtaking restrictions. Traffic signs always have priority over the Traffic Sign Assist display.

The system may be either functionally impaired or temporarily unavailable if:

- visibility is poor, e.g. due to snow, rain, fog or spray
- there is glare, e.g. from the sun being low in the sky
- there is dirt, ice or misting on the windscreen in the vicinity of the camera
- traffic signs are hard to detect (dirt, ice, snow)
- the traffic signs are insufficiently lit at night
- signs are ambiguous (e.g. traffic signs on construction sites or in adjacent lanes)
- the information in the digital street map of the navigation system is incorrect or out of date

Switching the message function on/off

If you have activated the Traffic Sign Assist display in the on-board computer, the traffic regulations (speed limits and overtaking restrictions) are displayed in the instrument cluster for five seconds respectively. The wrong-way warning and the traffic sign display for speed limits and overtaking restrictions remain active even when the display has been deactivated.

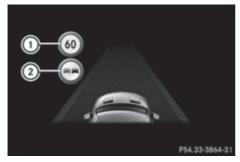
 Switch on the Traffic Sign Assist message function via the on-board computer (> page 290).

Instrument cluster display

Showing the assistance graphic

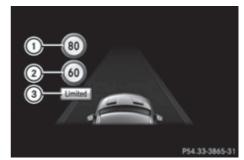
- Call up the assistance graphics display function using the on-board computer (> page 290).
- Select the Traffic Sign Assist display. Detected traffic signs are displayed in the instrument cluster.

Speed limit with overtaking restriction



A maximum permitted speed of 60 km/h (60 mph) (1) and an overtaking restriction (2) apply.

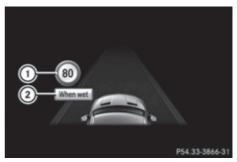
Speed limit with unknown restriction



- ① Maximum permitted speed
- ② Maximum permitted speed for vehicles for which the restriction in the additional sign is relevant
- ③ Additional sign for unknown restriction

A maximum permitted speed of 80 km/h (80 mph) and a speed limit of 60 km/h (60 mph) with an unknown restriction apply.

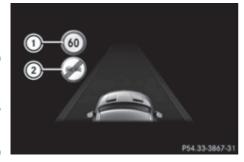
Speed limits in wet conditions



- ① Maximum permitted speed
- Additional signs for wet conditions

A maximum permitted speed of 80 km/h (80 mph) applies in wet conditions and when Traffic Sign Assist has determined that the restriction must be observed.

End of an overtaking restriction



A maximum permitted speed of 60 km/h (60 mph) ① applies. The overtaking restriction no longer applies ②. The traffic sign for signalling the end of an overtaking restriction is displayed for five seconds.

End of a speed limit



The speed limit no longer applies (1).

The unit for the speed limit (km/h or mph) depends on the country in which you are driving. It is generally neither shown on the traffic sign nor on the instrument cluster but must be taken into account when observing the maximum permitted speed.

No entry (wrong-way warning)



If no entry signs are passed, a warning message is displayed in the instrument cluster should Traffic Sign Assist detect that you are driving in the wrong direction. You will then also hear a warning tone. You should immediately check your direction of travel in order to avoid danger to yourself and other road users.

1 This function is not available in all countries.

Lane Tracking package

General notes

The Lane Tracking package consists of Blind Spot Assist (\triangleright page 244) and Lane Keeping Assist (\triangleright page 246).

Blind Spot Assist

General notes

Blind Spot Assist monitors the areas on either side of the vehicle that are not visible to the driver with two lateral, rear-facing radar sensors. A warning display in the exterior mirrors draws your attention to vehicles detected in the monitored area. If you then switch on the corresponding turn signal to change lanes, you will also receive a visual and audible collision warning.

Blind Spot Assist supports you from a speed of approximately 30 km/h.

Important safety notes

▲ WARNING

Blind Spot Assist does not react to vehicles:

- overtaken too closely on the side, placing them in the blind spot area
- when the difference in the speed of approach and overtaking is too great

As a result, Blind Spot Assist cannot warn drivers in these situations. There is a risk of an accident.

Always pay careful attention to the traffic situation and maintain a safe distance at the side of the vehicle.

Blind Spot Assist is only an aid. It may fail to detect some vehicles and is no substitute for attentive driving. Always ensure that there is sufficient distance to the side for other road users and obstacles.

Radar sensors

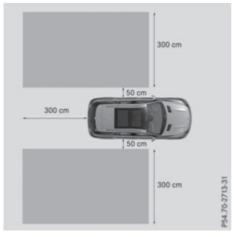
The radar sensors for Blind Spot Assist are integrated into the rear bumper. Make sure that the bumpers are free from dirt, ice or slush. The sensors must not be covered, for example by cycle racks or overhanging loads. Following a severe impact or in the event of damage to the bumpers, have the function of the radar sensors checked at a qualified specialist workshop. Blind Spot Assist may no longer work properly.

Monitoring range of the sensors

In particular, the detection of obstacles can be impaired in the case of:

- dirt on the sensors or obscured sensors
- poor visibility, e.g. due to fog, heavy rain or snow
- narrow vehicles, e.g. motorcycles or bicycles

Vehicles in the monitoring range are then not indicated.



Blind Spot Assist monitors the area up to 3.0 m behind your vehicle and directly next to your vehicle, as shown in the picture.

If the lanes are narrow, vehicles driving in the lane beyond the lane next to your vehicle may be indicated, especially if the vehicles are not driving in the middle of their lane. This may be the case if there are vehicles at the edge of their lane nearest your vehicle.

On very wide lanes, vehicles in the lane next to your vehicle may not be displayed if the vehicles are too far away. Due to the nature of the system:

- warnings may be issued in error when driving close to crash barriers or similar solid lane borders
- warnings may be interrupted when driving alongside long vehicles, for example lorries, for a prolonged time

Warning display

Blind Spot Assist is not active at speeds below approximately 30 km/h. Vehicles in the monitoring range are then not indicated.



① Yellow indicator lamp/red warning lamp

If Blind Spot Assist is activated, indicator lamp ① in the exterior mirrors lights up yellow up to a speed of 30 km/h. At speeds above 30 km/h, the indicator lamp goes out and Blind Spot Assist is operational.

If a vehicle is detected within the monitoring range of Blind Spot Assist at speeds above 30 km/h, warning lamp ① on the corresponding side lights up red. This warning always occurs when a vehicle enters the blind spot monitoring range from behind or from the side. When you overtake a vehicle, the warning only occurs if the difference in speed is less than 12 km/h.

The yellow indicator lamp goes out if reverse gear is engaged. Blind Spot Assist is then deac-tivated.

The brightness of the indicator/warning lamps is adjusted automatically according to the ambient light.

Collision warning

If a vehicle is detected in the monitoring range of Blind Spot Assist and you switch on the corresponding turn signal, a double warning tone sounds. Red warning lamp () flashes. If the turn signal remains on, detected vehicles are indicated by the flashing of red warning lamp (1). There are no further warning tones.

Activating Blind Spot Assist

- ► Make sure that Blind Spot Assist is activated in the on-board computer (▷ page 291).
- ► Turn the key to position **2** in the ignition lock. Warning lamps ① in the exterior mirrors light up red for approximately 1.5 seconds and then turn yellow.

Towing a trailer

If you couple up a trailer, make sure that you have correctly established the electrical connection. This can be accomplished by checking the trailer lighting. Blind Spot Assist is then deactivated. The indicator lamp lights up yellow in the exterior mirrors and the Blind Spot Assist not available when towing a trailer See Owner's Manual message appears in the multifunction display.

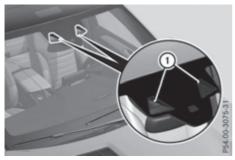
• You can deactivate the indicator lamps in the exterior mirrors.

To do so, you will need to deactivate Blind Spot Assist if:

- the key is in position 2 in the ignition lock
- the engine is not running

Lane Keeping Assist

General notes



① Lane Keeping Assist camera

Lane Keeping Assist monitors the area in front of your vehicle by means of camera ① at the top of the windscreen. Lane Keeping Assist detects lane markings on the road and can warn you before you leave your lane unintentionally.

This function is available in a speed range between 60 km/h and 200 km/h.

A warning may be given if a front wheel passes over a lane marking. It will warn you by means of intermittent vibration through the steering wheel for up to 1.5 seconds.

Important safety notes

Lane Keeping Assist cannot always clearly identify lane markings.

In these cases, Lane Keeping Assist may:

- give an unnecessary warning
- not give a warning

There is a risk of an accident.

Always pay particular attention to the traffic situation and keep in lane, especially if Lane Keeping Assist alerts you.

The Lane Keeping Assist warning does not return the vehicle to the original lane. There is a risk of an accident.

Always steer, apply the brakes or accelerate the vehicle yourself, especially if Lane Keeping Assist alerts you.

If you fail to adapt your driving style, Lane Keeping Assist can neither reduce the risk of an accident nor override the laws of physics. Lane Keeping Assist cannot take into account road, weather or traffic conditions. Lane Keeping Assist is only an aid. You are responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

Lane Keeping Assist does not keep your vehicle in its lane.

The system may be impaired or may not function if:

- there is poor visibility, e.g. due to insufficient illumination of the road, or due to snow, rain, fog or spray
- there is glare, e.g. from oncoming traffic, the sun or reflection from other vehicles (e.g. if the road surface is wet)
- the windscreen is dirty, misted up, damaged or covered, for instance by a sticker, in the vicinity of the camera
- no or several, unclear lane markings are present for one lane, e.g. in a construction area

- the lane markings are worn away, dark or covered up, e.g. by dirt or snow
- the distance to the vehicle in front is too small and the lane markings thus cannot be detected
- the lane markings change quickly, e.g. lanes branch off, cross one another or merge
- the road is narrow and winding
- there are highly variable shade conditions on the road

Activating Lane Keeping Assist

► Activate Lane Keeping Assist using the onboard computer; to do so, select Standard or Adaptive (▷ page 291).

If you drive at speeds above 60 km/h and lane markings are detected, the lines in the assistance graphic display (> page 290) are shown in green. Lane Keeping Assist is ready for use.

Standard

If **Standard** is selected, no warning vibration occurs if:

- you have switched on the turn signals. In this case, the warnings are suppressed for a certain period of time.
- a driving safety system intervenes, such as ABS, BAS or ESP[®].

Adaptive

When Adaptive is selected, no warning vibration occurs if:

- you have switched on the turn signals. In this case, the warnings are suppressed for a certain period of time.
- a driving safety system intervenes, such as ABS, BAS or ESP[®].
- you accelerate hard, e.g. kickdown.
- you brake hard.
- you steer actively, e.g. swerve to avoid an obstacle or change lane quickly.
- you cut the corner on a sharp bend.

In order that you are warned only when necessary and in good time if you cross the lane marking, the system detects certain conditions and warns you accordingly. The warning vibration occurs earlier if:

- you approach the outer lane marking on a bend
- the road has very wide lanes, e.g. a motorway
- the system detects solid lane markings The warning vibration occurs later if:
- the road has narrow lanes
- you cut the corner on a bend

Active Driving Assistance package

General notes

The Active Driving Assistance package consists of DISTRONIC PLUS (\triangleright page 207), Active Blind Spot Assist (\triangleright page 247) and Active Lane Keeping Assist (\triangleright page 250).

Active Blind Spot Assist

General notes

Active Blind Spot Assist monitors the areas on either side of the vehicle that are not directly visible to the driver with two lateral, rear-facing radar sensors. A warning lamp lights up in the exterior mirrors and draws your attention to vehicles detected in the monitored area. If you then switch on the corresponding turn signal to change lanes, you will also receive a visual and audible collision warning. If a risk of side impact is detected, corrective braking may help you avoid a collision. Active Blind Spot Assist evaluates the free space in the direction of travel and to the side before making a course-correcting brake application. For this, Active Blind Spot Assist uses the forward-facing radar sensors.

Active Blind Spot Assist supports you from a speed of approximately 30 km/h.

Important safety notes

Active Blind Spot Assist is only an aid and is not a substitute for attentive driving.

MARNING

Active Blind Spot Assist does not react to vehicles:

- overtaking too closely on the side, placing them in the blind spot area
- if the difference in the speed of approach and overtaking is too great

As a result, Active Blind Spot Assist may neither give warnings nor intervene in such situations. There is a risk of an accident.

Always pay careful attention to the traffic situation and maintain a safe distance at the side of the vehicle.

Radar sensors

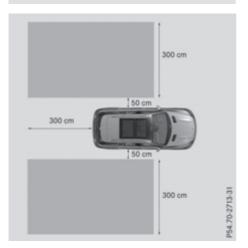
The Active Blind Spot Assist radar sensors are integrated into the front and rear bumpers and behind a cover in the radiator trim. Make sure that the bumpers and the cover in the radiator trim are free of dirt, ice or slush. The sensors must not be covered, for example by cycle racks or overhanging loads. Following an accident or in the event of damage to the bumpers, have the function of the radar sensors checked at a qualified specialist workshop. Active Blind Spot Assist may otherwise no longer function properly.

Monitoring range

WARNING

Active Blind Spot Assist does not detect all traffic situations and road users. There is a risk of an accident.

Always make sure that there is sufficient distance to the side for other traffic or obstacles.



Active Blind Spot Assist monitors the area up to 3.0 m behind your vehicle and directly next to your vehicle, as shown in the diagram.

In particular, the detection of obstacles can be impaired in the case of:

dirt on the sensors or obscured sensors

• poor visibility, e.g. due to rain, snow or spray Vehicles in the monitoring range are then not reliably indicated.

Active Blind Spot Assist may not detect narrow vehicles, such as motorcycles or bicycles, or may only detect them too late.

If the lanes are narrow, vehicles driving in the lane beyond the lane next to your vehicle may be indicated, especially if the vehicles are not driving in the middle of their lane. This may be the case if there are vehicles at the edge of their lane.

Due to the nature of the system:

- warnings may be issued in error when driving close to crash barriers or similar solid lane borders
- warnings may be interrupted when driving alongside particularly long vehicles, for example lorries, for a prolonged time

Indicator and warning display



① Yellow indicator lamp/red warning lamp

Active Blind Spot Assist is not operational at speeds below approximately 30 km/h. Vehicles in the monitoring range are then not indicated.

If Active Blind Spot Assist is switched on, indicator lamp () in the exterior mirrors lights up yellow up to a speed of 30 km/h. At speeds above 30 km/h, the indicator lamp goes out and Active Blind Spot Assist is operational.

If a vehicle is detected within the monitoring range at speeds above 30 km/h, warning lamp (1) on the corresponding side lights up red. This warning lamp always lights up when a vehicle enters the blind spot monitoring range from behind or from the side. When you overtake a vehicle with a difference in speed of less than 12 km/h, a delayed warning occurs.

The yellow indicator lamp goes out if reverse gear is engaged. Active Blind Spot Assist is not operational.

The brightness of the indicator/warning lamps is adjusted automatically according to the brightness of the surroundings.

Visual and acoustic collision warning

If you switch on the turn signals to change lanes and a vehicle is detected in the side monitoring range, you receive a visual and acoustic collision warning. You then hear a double warning tone and red warning lamp (1) flashes. If the turn signal remains on, detected vehicles are indicated by the flashing of red warning lamp (1). There are no further warning tones.

Course-correcting brake application

If Active Blind Spot Assist detects a risk of a side impact in the monitoring range, a course-correcting brake application is carried out. This is designed to help you avoid a collision.

▲ WARNING

A course-correcting brake application cannot always prevent a collision. There is a risk of an accident.

Always steer, brake or accelerate yourself, especially if Active Blind Spot Assist warns you or makes a course-correcting brake application. Always maintain a safe distance at the sides.



If a course-correcting brake application occurs, red warning lamp (1) flashes in the exterior mirror and a dual warning tone sounds. In addition, display (2) underlining the danger of a side collision appears in the multifunction display. In very rare cases, the system may make an inappropriate brake application. A course-correcting brake application may be interrupted at any time if you steer slightly in the opposite direction or accelerate.

The course-correcting brake application is available in the speed range between 30 km/h and 200 km/h.

Either a course-correcting brake application appropriate to the driving situation, or none at all, may occur if:

- there are vehicles or obstacles, e.g. crash barriers, close to both sides of your vehicle
- · a vehicle approaches too closely on the side
- you have adopted a sporty driving style with high cornering speeds
- you brake or accelerate significantly
- a driving safety system intervenes, such as ESP^{\circledast} or $\text{PRE-SAFE}^{\circledast}$ Brake
- ESP[®] is deactivated
- the Offroad program is activated (vehicles without the Off-Road Engineering package)
- the Offroad or Offroad Plus drive program is activated (vehicles with the Off-Road Engineering package)
- the LOW RANGE off-road gear is activated (vehicles with the Off-Road Engineering package)
- a loss of tyre pressure or a defective tyre is detected

Activating Active Blind Spot Assist

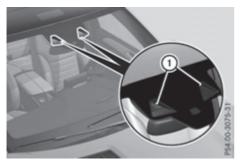
- Make sure that Active Blind Spot Assist is activated in the on-board computer (▷ page 291).
- Turn the key to position 2 in the ignition lock. Warning lamps ① in the exterior mirrors light up red for approximately 1.5 seconds and then turn yellow.

Towing a trailer

If you couple up a trailer, make sure that you have correctly established the electrical connection. This can be accomplished by checking the trailer lighting. Active Blind Spot Assist is then deactivated. The indicator lamps in the exterior mirrors light up yellow and the Active Blind Spot Assist not available when towing a trailer See Owner's Manual message appears in the multifunction display.

Active Lane Keeping Assist

General notes



Active Lane Keeping Assist monitors the area in front of your vehicle by means of multifunction camera () at the top of the windscreen. Various different areas to the front, rear and side of your vehicle are also monitored with the aid of the radar sensor system. Active Lane Keeping Assist detects lane markings on the road and can warn you before you leave your lane unintentionally. If you do not react to the warning, a lane-correcting application of the brakes can bring the vehicle back into the original lane.

This function is available within a speed range between 60 km/h and 200 km/h.

For Active Lane Keeping Assist to assist you when driving, the radar sensor system must be operational.

Important safety notes

If you fail to adapt your driving style, Active Lane Keeping Assist can neither reduce the risk of an accident nor override the laws of physics. Active Lane Keeping Assist cannot take into account road, weather or traffic conditions. Active Lane Keeping Assist is only an aid. You are responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

Active Lane Keeping Assist cannot continuously keep your vehicle in its lane.

MARNING

Active Lane Keeping Assist cannot always clearly detect lane markings. In such cases, Active Lane Keeping Assist can:

- give an unnecessary warning and then make a course-correcting brake application to the vehicle
- neither give a warning nor intervene There is a risk of an accident.

Always pay particular attention to the traffic situation and keep within the lane, especially if Active Lane Keeping Assist alerts you. Terminate the intervention in a non-critical driving situation.

The system may be impaired or may not function if:

- there is poor visibility, e.g. due to insufficient illumination of the road, or due to snow, rain, fog or spray
- there is glare, e.g. from oncoming traffic, the sun or reflection from other vehicles (e.g. if the road surface is wet)
- the windscreen is dirty, misted up, damaged or covered, for instance by a sticker, in the vicinity of the camera
- no or several, unclear lane markings are present for one lane, e.g. in a construction area
- the lane markings are worn away, dark or covered up, e.g. by dirt or snow
- the distance to the vehicle in front is too small and the lane markings thus cannot be detected
- the lane markings change quickly, e.g. lanes branch off, cross one another or merge
- the road is narrow and winding
- there are highly variable shade conditions on the roadway
- no vehicle is detected in the adjacent lane and there are broken lane markings

Warning vibration through the steering wheel

A warning may be given if a front wheel passes over a lane marking. It will warn you by means of intermittent vibration in the steering wheel for up to 1.5 seconds.

In order that you are warned only when necessary and in good time if you cross the lane marking, the system detects certain conditions and warns you accordingly. The warning vibration occurs earlier if:

- you approach the outer lane marking on a bend
- the road has very wide lanes, e.g. a motorway
- the system detects solid lane markings

The warning vibration occurs later if:

- the road has narrow lanes
- you cut the corner on a bend

Lane-correcting brake application

MARNING

A lane-correcting brake application cannot always bring the vehicle back into the original lane. There is a risk of an accident.

Always steer, brake or accelerate yourself, especially if Active Lane Keeping Assist warns you or makes a lane-correcting brake application.

▲ WARNING

Active Lane Keeping Assist does not detect traffic conditions or road users. In very rare cases, the system may make an inappropriate brake application, e.g. after intentionally driving over a solid lane marking. There is a risk of an accident.

An inappropriate brake application may be interrupted at any time if you steer slightly in the opposite direction. Always make sure that there is sufficient distance to the side for other traffic or obstacles.



If you leave your lane under certain circumstances, the vehicle will brake briefly on one side. This is intended to help you return the vehicle to the original lane. If a lane-correcting brake application occurs, display (1) appears in the multifunction display.

A lane-correcting brake application can be made after driving over a lane marking recognised as being solid or broken. Before this, a warning must have been issued by means of intermittent vibration through the steering wheel. In addition, a lane with lane markings on both sides must be detected.

In the case of a broken lane marking being detected, a lane-correcting brake application can only be made if a vehicle has been detected in the adjacent lane. The following vehicles can have an influence on brake application: oncoming traffic, vehicles that are overtaking and vehicles that are driving parallel to your vehicle.

 A further lane-correcting brake application can only occur after your vehicle has returned to the original lane.

No lane-correcting brake application occurs if:

- you clearly and actively steer, brake or accelerate
- you cut the corner on a sharp bend
- you have switched on the turn signal
- a driving safety system intervenes, such as ESP[®], PRE-SAFE[®] Brake or Active Blind Spot Assist
- you have adopted a sporty driving style with high cornering speeds or high rates of acceleration
- ESP[®] is deactivated
- \bullet the transmission is not in position ${\bf D}$
- on vehicles with a trailer tow hitch, the electrical connection to the trailer has been correctly established
- the Offroad program is activated (vehicles without the Off-Road Engineering package)
- the Offroad or Offroad Plus drive program is activated (vehicles with the Off-Road Engineering package)
- the LOW RANGE off-road gear is activated (vehicles with the Off-Road Engineering package)
- an obstacle has been detected in the lane in which you are driving
- a loss of tyre pressure or a defective tyre has been detected and displayed

There is a possibility that the Active Lane Keeping Assist could misjudge the given traffic situation. An inappropriate brake application may be interrupted at any time if:

- you steer slightly in the opposite direction
- you switch on the turn signal
- you clearly brake or accelerate

A lane-correcting brake application is interrupted automatically if:

- a driving safety system intervenes, such as ESP[®], PRE-SAFE[®] Brake or Active Blind Spot Assist
- lane markings are no longer detected

Activating Active Lane Keeping Assist

► Activate Active Lane Keeping Assist using the on-board computer; to do so, select Standard or Adaptive (▷ page 291).

If you drive at speeds above 60 km/h and lane markings are detected, the lines in the assistance graphic display (▷ page 290) are shown in green. Active Lane Keeping Assist is ready for use.

If **Standard** is selected, no warning vibration occurs if:

- you have switched on the turn signals. In this event, the warnings are suppressed for a certain period of time.
- a driving safety system intervenes, such as ABS, BAS or $\text{ESP}^{\textcircled{R}}.$

When Adaptive is selected, no warning vibration occurs if:

- you have switched on the turn signals. In this event, the warnings are suppressed for a certain period of time.
- a driving safety system intervenes, such as ABS, BAS or $\mathsf{ESP}^\circledast.$
- you accelerate hard, e.g. kickdown.
- you brake hard.
- you steer actively, e.g. swerve to avoid an obstacle or change lane quickly.
- you cut the corner on a sharp bend.

Towing a trailer

If you couple up a trailer, make sure that you have correctly established the electrical connection. This can be accomplished by checking the trailer lighting. Lane-correcting brake application does not take place when towing a trailer. Active Lane Keeping Assist is not activated and the lines in the assistance graphic are grey.

Off-road driving systems

4MATIC (permanent all-wheel drive)

4MATIC ensures that all four wheels are permanently driven. Together with ESP[®] and 4ETS, it improves the traction of your vehicle whenever a drive wheel spins due to insufficient grip.

If you fail to adapt your driving style, 4MATIC can neither reduce the risk of an accident nor override the laws of physics. 4MATIC cannot take account of road, weather and traffic conditions. 4MATIC is only an aid. You are responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

- Never tow the vehicle with one axle raised. This may damage the transfer case. Damage of this sort is not covered by the Mercedes-Benz implied warranty. All wheels must remain either on the ground or be fully raised. Observe the instructions for towing the vehicle with all wheels in full contact with the ground.
- A function or performance test should only be carried out on a twin-axle dynamometer. Before you operate the vehicle on such a dynamometer, please consult a qualified workshop. You could otherwise damage the drive train or the brake system.
- In wintry driving conditions, the maximum effect of 4MATIC can only be achieved if you use winter tyres (M+S tyres), with snow chains if necessary.

Further information about "Driving off-road" (> page 199).

DSR (Downhill Speed Regulation)

General notes

DSR is an aid to assist you when driving downhill. It keeps the speed of travel at the speed selected on the on-board computer. The steeper the downhill gradient, the greater the DSR braking effect on the vehicle. When driving on flat stretches of road or on an uphill gradient, the DSR braking effect is minimal or non-existent.

DSR controls the vehicle's speed when it is activated and the transmission is in position D, R or N. By accelerating or braking, you can always drive at a higher or a lower speed than that set on the on-board computer.

Important safety notes

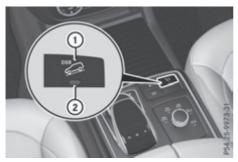
If the speed driven and the set speed deviate and you activate DSR on a slippery road surface, the wheels may lose traction. This increases the risk of skidding and having an accident.

Before switching DSR on, please take into consideration the road surface and the difference between driving speed and the set speed.

If you fail to adapt your driving style, DSR can neither reduce the risk of accident nor override the laws of physics. DSR cannot take account of road, weather and traffic conditions. DSR is only an aid. You are responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

You are always responsible for keeping control of the vehicle and for assessing whether the downhill gradient can be managed. DSR may not always be able to keep to the set speed, depending on road surface and tyre conditions. Select a set speed suitable for the prevailing conditions and when necessary, apply the brakes manually.

Activating DSR



 Press button ①. Indicator lamp ② lights up.
 The 20 DSR symbol appears in the multifunction display.

You can only activate DSR when driving at speeds below 40 km/h.

If the current vehicle speed is too high, the main DSR symbol appears in the multifunction display with the Max. speed 40 km/h message.

If you have activated DSR and then change drive programs, DSR is deactivated. If you switch

between the offroad and offroad plus drive programs, DSR remains activated.

Deactivating DSR

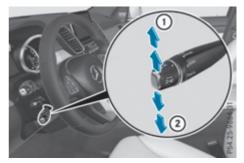
Press button ①.
 Indicator lamp ② goes out.

The DSR symbol appears in the multifunction display with the off message.

DSR switches off automatically if you drive faster than 45 km/h. The Constant DSR symbol appears in the multifunction display with the off message. The status indicator in the multifunction display goes out. You also hear a warning tone.

On vehicles with the Offroad Engineering package, if you select a different drive program, DSR is also deactivated. If you switch between the offroad programs, DSR remains activated.

Changing the set speed



► To increase or reduce the set speed in 1 km/h increments: briefly press the cruise control lever up ① for a higher set speed or down ② for a lower set speed. The set speed appears in the multifunction display with the DSR symbol.

When DSR is activated, you can change the set speed to a value between 2 km/h and 18 km/h.

(1) The DSR set speed is always changed in 1 km/h increments. This is regardless of whether you press the cruise control lever to or beyond the pressure point.

Offroad program (vehicles without the Offroad Engineering package)

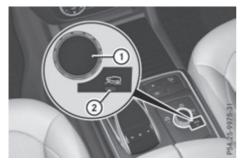
General notes

Select the **Offroad** drive program for easily negotiable offroad terrain, e.g. dirt tracks, gravel or sandy surfaces. The engine's torque is restricted to a limited degree and the drive wheels can spin. The spinning of the wheels results in a cutting action for better traction. ABS, ESP[®] and 4ETS programs especially adapted to off-road driving are activated. A gentle accelerator pedal curve is also selected, i.e. the accelerator pedal must be depressed much further in order to accelerate.

You can select the **Offroad** drive program at speeds below 100 km/h. The **Drive program** "Offroad" Max. speed 100 km/h message appears in the multifunction display. If you drive at speeds of more than 100 km/h and select the **Offroad** drive program, the **Please reduce** speed message appears in the multifunction display. The last active drive program is selected again.

Do not use the **Offroad** drive program on roads that are snow-covered or icy, or if you have fitted your vehicle with snow chains.

Selecting the Offroad drive program



Selecting the Offroad drive program

► To select a drive program: turn DYNAMIC SELECT controller ① until indicator lamp ② lights up.

The Drive program "Offroad" Max. speed 100 km/h message appears in the multifunction display.

The vehicle is raised by 60 mm.

The vehicle changes from the **Offroad** drive program to the **Comfort** drive program if you drive faster than 110 km/h.

The **Please reduce speed** message appears in the multifunction display.

Further information about "Driving off-road" (> page 199).

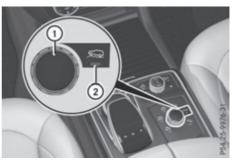
Offroad programs (vehicles with Offroad Engineering package)

General notes

The **Offroad** and **Offroad Plus** drive programs assist you when driving off-road. The engine's performance characteristics and the gearshifting characteristics of the automatic transmission are adapted for this purpose. ABS, ESP[®] and 4ETS programs especially adapted to offroad driving are activated. An accelerator pedal curve suitable for the terrain is selected, i.e. the accelerator pedal must be depressed further to accelerate.

Do not use the **Offroad** or **Offroad Plus** drive programs on roads that are snow-covered or icy, or if you have fitted your vehicle with snow chains.

Offroad drive program



- ① DYNAMIC SELECT controller
- Offroad drive program indicator lamp

Select the **Offroad** drive program for easily negotiable offroad terrain, e.g. dirt tracks, gravel or sandy surfaces. The engine's torque is restricted to a limited degree and the drive wheels can spin. The spinning of the wheels results in a cutting action for better traction. ABS, ESP[®] and 4ETS programs especially adapted to off-road driving are activated. A gentle accelerator pedal curve is also selected, i.e. the accelerator pedal must be depressed much further in order to accelerate.

You can select the **Offroad** drive program at speeds below 100 km/h. The **Drive** program

"Offroad" Max. speed 100 km/h message appears in the multifunction display. If you drive at speeds of more than 100 km/h and select the Offroad drive program, the Please reduce speed message appears in the multifunction display. The last active drive program is selected again.

Selecting the Offroad drive program

► To select a drive program: turn DYNAMIC SELECT controller ① until indicator lamp ② lights up.

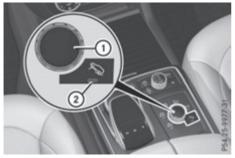
 $T\bar{h}e$ Drive program "Offroad" Max. speed 100 km/h message appears in the multifunction display.

The vehicle is raised by 30 mm.

The vehicle changes from the **Offroad** drive program to the **Comfort** drive program if you drive faster than 110 km/h.

The **Please reduce speed** message appears in the multifunction display.

Offroad Plus drive program



1 DYNAMIC SELECT controller

② Offroad Plus drive program indicator lamp

Select the **Offroad Plus** drive program for rough terrain, e.g. for steep and/or uneven terrain or for driving on rocky terrain.

Your vehicle has an automatically activated differential lock for the transfer case. It controls the balance between the front and rear axles.

The differential lock improves the vehicle's traction. 4ETS (\triangleright page 76) controls the balance between both wheels on an axle.

Selecting the Offroad Plus drive program

► To select a drive program: turn DYNAMIC SELECT controller ① until indicator lamp ② lights up.

The Drive program "Offroad Plus" Max. speed 40 km/h message appears in the multifunction display.

- The **Offroad Plus** drive program is selected and the vehicle is raised by 30 mm compared with the **Offroad** drive program.
- DSR is switched on.
- The differential lock is closed.

You can select the Offroad Plus drive program at speeds below 40 km/h.

The Offroad Plus drive program automatically switches to the Offroad drive program if you drive faster than 45 km/h. The Please reduce speed message appears in the multifunction display.

Further information about "Driving off-road" (▷ page 199).

LOW RANGE offroad gear (vehicles with the Offroad Engineering package)

Important safety notes

If you select the LOW RANGE off-road gear on a slippery road surface, the wheels could lose traction:

- if you release the accelerator pedal when the vehicle is in motion
- if Off-road ABS intervenes when braking

If the wheels lose traction, it will no longer be possible to steer the vehicle. This increases the risk of skidding and having an accident. Never select the LOW RANGE off-road gear when driving on slippery road surfaces.

If you do not wait for the transfer case gear change process to complete, the transfer case could remain in the neutral position. The power transmission to the driven wheels is then interrupted. There is a danger of the vehicle rolling away unintentionally. There is a risk of an accident.

256 Driving systems

Wait until the transfer case shift process is completed.

Do not turn off the engine while changing gear and do not shift the automatic transmission to another position.

General notes



1 LOW RANGE offroad gear button

② LOW RANGE offroad gear indicator lamp

HIGH RANGE	Position for all normal on- road driving conditions.
LOW RANGE	Off-road position for driving off-road and fording. The transmission ratio between the engine and wheels is only approx- imately one third of that in the HIGH RANGE road posi- tion. The drive torque is cor- respondingly higher as a result. Do not use LOW RANGE:
	 on slippery road surfaces, e.g. in the event of slush on snow or ice-covered

roadsif you have snow chains on your vehicle

The LOW RANGE offroad gear assists you when driving off-road and when fording. When LOW RANGE is engaged, the engine's performance characteristics and the gearshifting characteristics of the automatic transmission are adapted for this purpose.

Further information about "Driving off-road" (▷ page 199). You will find information about

driving safety systems in conjunction with LOW RANGE in the "Safety" section (▷ page 70).

From HIGH RANGE to LOW RANGE

Only change from HIGH RANGE to LOW RANGE if:

- the engine is running
- ${\scriptstyle \bullet}$ the transmission is in position ${\bf N}$
- you are driving at speeds below 40 km/h
- Press LOW RANGE button ①. Indicator lamp ② flashes.

When the gear change is complete, indicator lamp (2) lights up. LOW RANGE indicator appears in the multifunction display and in the status indicator.

While indicator lamp ② is flashing, you can cancel the gear change by pressing LOW RANGE button ① again.

(1) You cannot activate LOW RANGE if the SPORT drive program is activated. The LOW RANGE Not in drive program SPORT message then appears in the multifunction display.

From LOW RANGE to HIGH RANGE

- Only change from HIGH RANGE to LOW RANGE if:
 - the engine is running
 - ${\scriptstyle \bullet}$ the transmission is in position ${\bf N}$
 - if you are driving at speeds below 70 km/h



 Press LOW RANGE button ①. Indicator lamp ② flashes.

When the gear change is complete, indicator lamp (2) goes out. In the multifunction display, the LOW RANGE Off message appears and status indicator (3) goes out.

While indicator lamp ② is flashing, you can cancel the gear change by pressing LOW RANGE button ① again.

Messages in the multifunction display

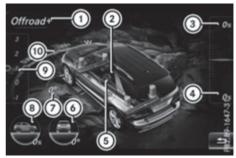
If a gear change process has not been successful, the following messages may be displayed in the multifunction display:

Display messages	Possible causes/consequences and ► Solutions
LOW RANGE Max. speed 40 km/h	You have been driving faster than 40 km/h. Additionally, the indicator lamp on the button in the centre console blinks. ► Drive more slowly to carry out the gear change process.
LOW RANGE Shift to position N briefly	 The transmission is in position D and you are driving at below 40 km/h. ▶ Shift the transmission to N to complete the gear change process.
LOW RANGE Shifting cancelled Please reactivate	The gear change process was not carried out.Maintain all gear change conditions and carry out the gear change process again.
LOW RANGE Stop Apply parking brake	A warning tone also sounds. The gear change process has not been completed. LOW RANGE is in the neutral position. There is no con- nection between the engine and the drive wheels.
	Do not drive any further. You could otherwise damage the vehi- cle's drive train.
	Stop the vehicle. Take into account the road and traffic conditions when doing so.
	 Apply the electric parking brake (▷ page 192). Repeat the gear change process. If the gear change process has been carried out, the LOW RANGE Stop Apply parking brake message disappears.

Driving dynamics display in the COMAND display (vehicles with the Offroad Engineering-package)

General notes

The driving dynamics display allows you to see the selected drive program and additional information about the vehicle's operating status in the COMAND display.



- ① Drive program selected
- ② Status of the differential lock for the transfer case
- 3 Accelerator pedal position shown in %
- ④ Brake pedal position shown in %
- (5) Status of the LOW RANGE offroad gear
- 6 Angle of inclination
- ⑦ Steering angle
- (a) Uphill or downhill gradient in percentage

- O Level control
- (1) Compass with angle scale

Activating the driving dynamics display



- Switch on COMAND Online. You can find further information in the separate COMAND Online operating instructions.
- Press button ①. The driving dynamics display appears in the COMAND display.

Plug-in hybrid operation

Points to remember

General notes

Hybrid technology combines a fuel efficient internal combustion engine with a powerful electric motor. In **HYBRID** mode, the hybrid drive system automatically selects the most efficient operating mode for every driving situation. Drive the vehicle in the usual manner.

To save fuel in **HYBRID** mode, the hybrid drive system switches off the combustion engine as often as possible during the journey when power output requirements are low. When power output requirements are low, the electric motor powers the vehicle. When power output requirements are high, the combustion engine is switched on, even during a journey. When the vehicle is stationary, the combustion engine is usually switched off. Consequently, there is usually no engine idling as with combustion engine vehicles.

For pulling away and accelerating, the electric motor supports the internal combustion engine using the power stored in the high-voltage battery. In addition, the power is used for electric driving, operation of the electric refrigerant compressor and to supply the 12 V on-board electrical system. In this way the hybrid drive system helps to reduce your vehicle's fuel consumption.

Observe the driving tips on plug-in hybrid operation (\triangleright page 268).

Recuperative Brake System

If you release the accelerator pedal when the vehicle is in motion, overrun recuperation is initiated. The electric motor is operated as a alternator when in overrun mode and when you brake. Hybrid technology converts the kinetic energy of the vehicle into electricity and stores it in the high-voltage battery.

Observe the important safety notes for the Recuperative Brake System (▷ page 43).

Important safety notes

If the engine is switched off by the ECO start/ stop function, you open the driver's door and unfasten your seat belt:

- a message appears in the multifunction display and
- a warning tone sounds

For further information, see (\triangleright page 320).

All of the vehicle's systems remain active, if:

- the vehicle is stationary
- the combustion engine is switched off
- the READY-indicator in the instrument cluster is lit

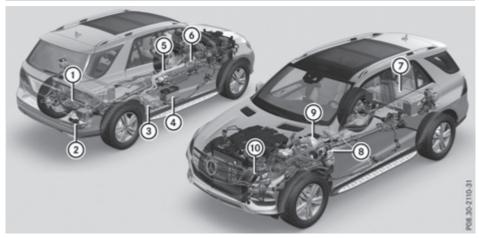
If you remove your foot from the brake pedal while in transmission position D or R, the vehicle could pull away automatically.

Observe the notes on the READY display of the ECO start/stop function (\triangleright page 269).

Vehicles with an electric motor generate significantly less noise than vehicles with internal combustion engines. As a result, your vehicle may not be heard by other road users in certain situations. This is the case, for example, when you are parking and your vehicle is not seen by other road users.

This requires you to adopt a particularly anticipatory driving style, as it is necessary to allow for the possibility that other road users may behave unpredictably.

Hybrid system overview



- ① Battery charger and voltage converter
- Vehicle socket
- ③ Power electronics
- ④ 12 V battery
- (5) High-voltage electrical system cables
- (6) Transmission with electric motor
- ⑦ High-voltage battery
- (8) Electric heater
- Recuperative Brake System
- (1) Electric refrigerant compressor

You can switch off the hybrid drive system manually. Further information on the high-voltage disconnect device (\triangleright page 41).

Instrument cluster



- ① Electric range
- ② Electric motor power display (▷ page 261)
- ③ Driving mode display (▷ page 262)
- ④ Recuperative Brake System warning lamp (▷ page 340)

Displays and operation

Electric motor power display



The electric motor power display is on the righthand side of the instrument cluster.

• Area (1) to (2) (E-DRIVE):

This shows the electric output from the electric motor, e.g. during electric operation or in boost mode.

When the motor is switched on, the needle is at limit (1). With increasing pressure on the accelerator pedal the needle moves from (1) to (2).

Driving with the electric motor: when the needle reaches limit (2) the combustion engine is switched on. If the display approaches limit (2) and you remove your foot from the accelerator pedal, the needle drops again. The combustion engine is not switched on. At low speeds, you can thereby control the electric operation usage so that you only drive in electric mode.

Driving with the combustion engine: the electric motor supports the combustion engine by providing additional drive torque (boost mode) until the needle reaches limit ②.

You can also select the operating mode of the hybrid drive system (\triangleright page 262).

• Area (3) to (4) (CHARGE):

This shows the recuperated energy which is stored in the high-voltage battery as electrical energy.

When the needle reaches limit ④, the maximum recuperative braking power has been reached. The mechanical brakes are activated.

Selecting the operating mode

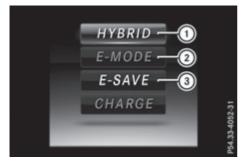


Button (1) allows you to choose between different operating modes.

 Press button (1) to change the operating mode.

The operating mode selected appears in the instrument cluster (\triangleright page 261).

If it is not possible to change operating modes, the display message Change the current drive program before chang-ing the operating mode or Exit manual drive program M before changing the operating mode appears in the multifunction display. Further information on "Display messages" (▷ page 320).



- (1) Operating mode selected
- ② Operating mode unavailable
- ③ Operating mode available

HYBRID

- Electric operation mode or driving with the internal combustion engine is possible
- Automatic selection of drive mode with electric operation mode as often as possible
- The high-voltage battery is discharged to approximately 15%
- To subsequently maintain the charge status of the high-voltage battery, the electric output is reduced. All vehicle functions such as electric operation mode, energy recuperation or boost mode, for example, are still available
- E-MODE Purely electric operation until the performance limit of the electric motor is reached
- Electric operation mode or driving with the internal combustion engine is possible
 - Automatic selection of drive mode with electric operation mode as often as possible
 - The current charge status of the high-voltage battery is maintained so the electrical energy can be used at a later time
- CHARGE
 Electric operation mode is not possible
 Charging the high-voltage battery while driving using the combustion

engine

In the **Sport** drive program (\triangleright page 267) and during manual gearshifting (\triangleright page 267), only the **HYBRID** operating mode is available.

If you switch from the **Sport** drive program to the **Comfort** drive program, the **HYBRID** operating mode remains selected. If manual gearshifting is deactivated, the automatic transmission shifts:

- into the drive program that was last selected, and
- into the driving mode that was last selected

If you change the drive program, the operating mode that was last selected is stored for approximately 60 seconds. After this time, the **HYBRID** operating mode is automatically activated.

Operating the on-board computer

You can display the current operating condition of the hybrid drive system in the multifunction display and the multimedia system in the form of an energy flow display (\triangleright page 263).

In the display of the multimedia system, you can also call up a graphic display of the fuel consumption and generated electricity (\triangleright page 266).

Menus and submenus

Selecting displays in the display of the multimedia system

Press the above button on the multimedia system.

The vehicle menu appears.

► To select Energy flow: turn and press the controller.

The energy flow is displayed.

or

 To select Consumption: turn and press the controller.
 Fuel consumption and the electric energy

generated are displayed.

► To exit the display: press the 🕤 button on the controller.

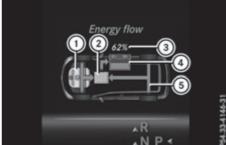
Selecting the energy flow display in the multifunction display

- Press the or button on the steering wheel to select the Trip menu.
- ► Use ▼ or ▲ to select Energy flow.
- ► Confirm by pressing OK on the steering wheel.

The active components of the hybrid drive system are highlighted in the energy flow display.

Energy flow display

Overview

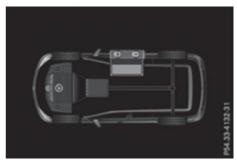


- Driving and parking
- ① Internal combustion engine
- Electric motor
- ③ Charge status of the high-voltage battery
- (4) High-voltage battery
- 5 Energy flow

The active components of the hybrid drive system are highlighted.

The energy flow is indicated by arrows. The arrows have a different colour depending on the operating state.

Automatic engine switch-off

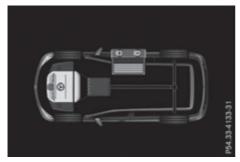


The internal combustion engine and the electric motor are switched off.

The arrows for the energy flow are not shown.

The charge status of the high-voltage battery is shown when the key is in position ${\bf 2}$ in the ignition lock.

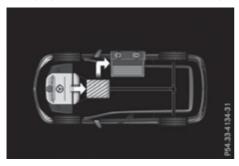
Engine running while the vehicle is stationary



The combustion engine is running while the vehicle is stationary. The high-voltage battery is not being charged.

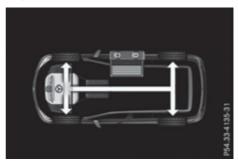
The arrows for the energy flow are not shown. The combustion engine is highlighted.

Charging while the vehicle is stationary



The internal combustion engine drives the electric motor. The electric motor is operating as an alternator. The high-voltage battery is charging. The arrow representing energy flow is shown in white.

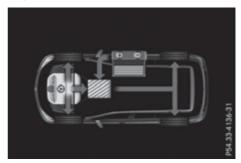
Driving using the internal combustion engine



The internal combustion engine powers the vehicle.

The arrows for the energy flow are shown in white.

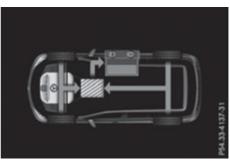
Driving using the internal combustion engine and boost mode



If you accelerate the vehicle rapidly, the electric motor supports the combustion engine by providing additional drive torque.

The arrows for the energy flow are shown in red.

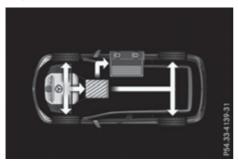
Driving using the internal combustion engine and energy recuperation



The internal combustion engine powers the vehicle. The electric motor is being operated as an alternator, e.g. in overrun mode and when braking (▷ page 269). The kinetic energy of the vehicle is converted into electrical energy. The high-voltage battery is charging.

The arrows for the energy flow are shown in green.

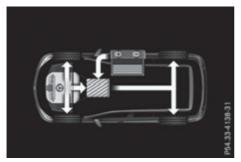
Driving using the internal combustion engine and charging the high-voltage battery



The internal combustion engine powers the vehicle. The internal combustion engine also drives the electric motor. The electric motor is operating as an alternator. The high-voltage battery is charging.

The arrows for the energy flow are shown in white.

Driving using the internal combustion engine and discharging the high-voltage battery



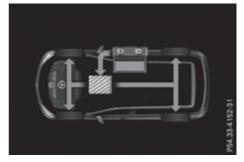
The internal combustion engine powers the vehicle. If the vehicle is approaching a downhill gradient with a high potential for energy recuperation, the charge status of the high-voltage

battery is intentionally kept low or intentionally reduced.

The arrows for the energy flow are shown in white.

Further information on the route-based operating strategy (\triangleright page 269).

Electric operation mode



The electric motor powers the vehicle. The highvoltage battery supplies the electric motor with electrical energy.

The arrows for the energy flow are shown in green.

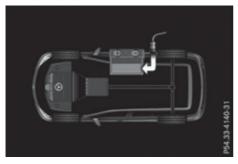
Electric operation mode and charging the high-voltage battery



The electric motor is being operated as an alternator, e.g. in overrun mode and when braking. The kinetic energy of the vehicle is converted into electrical energy. The high-voltage battery is charging.

The arrows for the energy flow are shown in green.

Charging the high-voltage battery when stationary



The internal combustion engine and the electric motor are switched off.

The arrows for the energy flow are not shown. Further information on charging the high-voltage battery via:

- a mains socket (▷ page 185)
- a charging station (▷ page 189)
- a wallbox (▷ page 188)

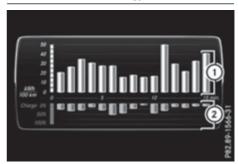
Displaying the total range and electrical range



The approximate range is based on the current driving style.

- Press the or button on the steering wheel to select the Trip menu.
- ► Confirm by pressing OK on the steering wheel.
- Press v or to select the approximate total range and electrical range.

Displaying fuel consumption and generated electrical energy



① Fuel consumption

Electrical energy generated

Every bar of the graph displays the average value for one minute.

Fuel consumption indicator ① may differ from the indicator in the From start trip computer in the Trip menu.

To reset values: the values are reset From start along with the trip computer (> page 284).

► To select Consumption: turn and press the controller.

The display of the multimedia system shows fuel consumption (1) and electrical energy generated (2) for the past 15 minutes of driving.

Starting the vehicle

The vehicle starts in electric mode without the internal combustion engine (noiseless start). The internal combustion engine starts only after the power demanded by the driver exceeds the available power that the electric motor can currently provide.

Noiseless start operation is dependent on the outside temperature and the operating temperature of the internal combustion engine. If not all conditions for noiseless start operation are fulfilled, the vehicle starts with the internal combustion engine.



- Switch the ignition on.
- ▶ Depress the brake pedal.
- ▶ Follow the starting instructions (▷ page 160).
- ► Start the vehicle (▷ page 160).
- The vehicle is operational when READY indicator ① lights up.

Pulling away

- Depress the brake pedal and keep it depressed.
- ▶ Shift the transmission to position **D** or **R**.
- If the Apply brake to deselect Park

 (P) position display message appears in the multifunction display, depress the brake pedal more firmly and select the desired transmission position.
- Release the brake pedal.
- ► Carefully depress the accelerator pedal.

For further information on pulling away (\triangleright page 161).

Driving

DYNAMIC SELECT controller

Drive programs

Use the DYNAMIC SELECT controller to change the drive program. Depending on the drive program selected, the following vehicle characteristics will change:

- the drive (engine and transmission management)
- the suspension
- the steering
- the energy management

If the ignition is switched off for less than four hours, the previously selected drive program is activated when the engine is next started. If the ignition is switched off for more than four hours, the **Comfort** drive program is activated when the engine is next started.



 Turn DYNAMIC SELECT controller (1) as many times as necessary until the desired drive program is selected.

The status icon of the selected drive program is shown in the multifunction display.

In addition, the current drive program settings are displayed briefly in the display of the multimedia system.

Available drive programs:

Individual	 Individual settings
Sport	 Sporty driving style with increased boost mode Electric-only operation is not possible
Comfort	 Comfortable, economical driving style Electric-only drive is possible
Slippery	 Optimal driving charac- teristics on slippery or snow-covered roads Electric-only drive is pos- sible

Additional information for drive programs (> page 171).

Using the steering wheel gearshift paddles, you can temporarily change gear yourself. Further information on the manual drive program (\triangleright page 267).

Manual gearshifting

Using the steering wheel gearshift paddles, you can temporarily change gear yourself. The transmission must be in position **D**. During manual

gearshifting, the combustion engine is always switched on.

Activating when driving with the electric motor:

▶ Pull the left or right steering wheel gearshift paddle (▷ page 172).

The combustion engine is switched on. Manual gearshifting is activated temporarily. The selected gear and \mathbf{M} appear in the multifunction display.

Activating when driving with the combustion engine:

▶ Pull the left or right steering wheel gearshift paddle (▷ page 172).

Manual gearshifting is activated temporarily. The selected gear and \mathbf{M} appear in the multifunction display.

The ECO start/stop function is not available when manually changing gear.

Further information on the manual drive program (\triangleright page 172).

Driving tips

General driving tips

Drive carefully and maintain a suitable distance from the vehicle in front. Avoid frequent and sudden acceleration as well as abrupt braking.

During partial electric drive, pulling away and acceleration, the electric motor supports the internal combustion engine.

During overrun in transmission position ${\bf D}$ and braking, the electric motor operates as an alternator.

Further information on the ECO start/stop function (\triangleright page 269).

Additional driving tips (\triangleright page 194).

Stationary vehicle

If the vehicle is stopped, the combustion engine is, for the most part, switched off. Automatic climate control continues to function. The electro-mechanically assisted steering gear allows use of the power steering without loss of comfort.

Acceleration

Depending on the operating mode, pulling away and driving under low load conditions are performed:

- entirely by electric propulsion
- in combination with the internal combustion engine

When accelerating rapidly under increased or full load, increased boost mode is utilised. The electric motor supports the combustion engine by providing additional drive torque.

Overrun mode or braking

There are three possible operating modes when the hybrid vehicle is decelerating:

- When coasting and decelerating, energy recuperation is already taking place (▷ page 259). The electric motor functions as an alternator and stores the recuperated energy in the high-voltage battery.
- When braking gently, the electric motor increases the deceleration of the vehicle. Energy recuperation is increased (▷ page 259). The electric motor functions as an alternator and stores the recuperated energy in the high-voltage battery.
- During heavy braking, the service brake is also used to slow down the vehicle. Both systems work together.

Driving in the city

In urban traffic, energy is recuperated during frequent deceleration phases.

The vehicle is driven by the electric motor alone only when all conditions for the automatic engine switch-off are fulfilled.

Further information on the automatic engine switch-off (\triangleright page 269).

Driving on inter-urban roads

The following phases are possible when driving on inter-urban roads:

- rapid acceleration (boost mode)
- energy recuperation
- electric operation mode

The vehicle can be driven by the electric motor alone up to a speed of approximately 120 km/h.

Depending on the characteristics of the route, there may be a lot of recuperated energy available. This reduces consumption and emissions.

Driving on the motorway

When driving on a motorway, switching off the combustion engine has a particularly positive effect on fuel consumption and emissions.

If the driver removes his/her foot from the accelerator pedal in the **Comfort** drive program and a speed of 130 km/h is not exceeded, the combustion engine is automatically switched off.

Further information on the automatic engine switch-off (\triangleright page 269).

ECO start/stop function

General notes

The ECO start/stop function switches the combustion engine off automatically when the vehicle stops moving and at speeds below 130 km/h (\triangleright page 269).

All vehicle systems remain active, e.g. the automatic climate control.

The ECO start/stop function is neither available in the **Sport** drive program nor during manual shifting.

Automatic engine switch-off

The internal combustion engine is switched off automatically if:

- the driver removes his/her foot from the accelerator in the Comfort drive program and a speed of 130 km/h is not exceeded (▷ page 269)
- the internal combustion engine has reached its operating temperature
- the driver only slightly depresses the accelerator pedal in order to, for example, maintain the current speed for a limited distance
- the bonnet is closed and engaged properly
- the high-voltage battery is charged sufficiently
- no malfunctions are present in the hybrid drive system

The internal combustion engine will not be switched off automatically, if:

- the self-diagnosis function of the engine management is active
- there is a malfunction in the hybrid drive system

- the climate control of the vehicle requires it
- the high-voltage battery is charging (▷ page 264).

Automatic engine start

The internal combustion engine, which has been automatically switched-off, starts automatically in certain situations, when:

- the power demand from the driver via the accelerator pedal is greater than the electric motor alone can provide
- the driver switches to the **Sport** drive program or to manual gearshifting
- the charge level of the high-voltage battery has reached the lower limit
- the driver has selected the CHARGE operating mode

Overrun mode

In overrun mode, the combustion engine is switched off and is disconnected from the drive train. The electric motor:

- generates low thrust, which corresponds to the overrun mode of an active combustion engine
- functions as an alternator and produces the necessary energy for the auxiliary consumers and charges the high-voltage battery

Overrun mode is available in the **Comfort** drive program at speeds below 130 km/h.

Route-based operating strategy

For the route-based operating strategy, the system factors in information about the expected route when route guidance is active.

The information on the route is provided by the multimedia system and includes the following:

- road categories
- speed limitations

The use of electric energy is automatically optimally distributed from the beginning to the end of the journey, using information about the route. The distribution is pre-emptive and takes into consideration:

- the sections of the journey ahead
- the energy consumption on the whole route

The charge status of the high-voltage battery is thus systematically controlled. In addition, the control function takes into account that:

- the fuel saving through the use of electrical energy can vary, dependent on the route (e.g. urban, interurban or motorway)
- the use of electrical energy is held available for electric driving, particularly for urban routes

The vehicle thus automatically selects the optimum driving mode for the respective section of the route.

The route-based operating strategy is available under the following conditions:

- the Individual drive program is selected
- in the **Individual** drive program, the ECO setting is selected under Drive
- HYBRID driving mode is selected
- active route guidance is activated
- suitable map data is available

When the route-based operating strategy is being used, the area in front of the vehicle is shown as green in the multifunction display.

Parking

- Apply the electric parking brake. The red () indicator lamp in the instrument cluster lights up.
- ► Use the DIRECT SELECT lever to shift the automatic transmission to **P**.
- Switch the ignition off. The READY indicator in the instrument cluster goes out.

Further information on parking and switching off the internal combustion engine (\triangleright page 191).

Problems with plug-in hybrid operation

Internal combustion engine

Problem	Possible causes/consequences and ► Solutions
You cannot start the internal combustion engine. The multifunc- tion display shows no display messages. The READY indicator in the multifunction display is off.	 For example, self-diagnosis is not yet complete or the hybrid drive system is malfunctioning. Switch off the ignition and turn it back on. Try to start the internal combustion engine again. If the internal combustion engine still does not start: Consult a qualified specialist workshop.
You wish to pull away, but the ECO start/stop function does not start the internal combustion engine. The READY indi- cator in the multifunc- tion display is off.	 The ECO start/stop function has failed. The warning and indicator lamps in the instrument cluster light up. Shift the transmission to P. Switch off the ignition and turn it back on. Start the engine.
	The hybrid drive system is faulty. ► Consult a qualified specialist workshop.

Recuperative Brake System

Problem	Possible causes/consequences and ► Solutions
Braking resistance is reduced and brake pedal travel is greater than usual.	 ▲ Risk of accident The Recuperative Brake System is malfunctioning. ▶ Observe the additional display messages in the multifunction display (▷ page 300). ▶ Observe the information regarding indicator and warning lamps in the instrument cluster (▷ page 340).

Hybrid drive system

Problem	Possible causes/consequences and ► Solutions
The hybrid drive system has been switched off automatically.	 You have been in an accident. The hybrid drive system remains switched off if: the internal combustion engine cannot be restarted after a few seconds. the red restraint system warning lamp in the instrument cluster is lit. Consult a qualified specialist workshop.
The hybrid drive system has been switched off automatically. The multi- function display also shows a display mes- sage.	 An electrical short circuit has occurred in the hybrid drive system or an electrical connection has been disconnected. Deserve the additional display messages in the multifunction display (▷ page 300). Consult a qualified specialist workshop.

Towing a trailer

Important safety notes

MARNING

Vehicles with level control:

The vehicle level may be changed unintentionally, e.g. by other persons. If this happens while you are coupling or decoupling a trailer, you could become trapped. In addition, other people could become trapped if their limbs are between the vehicle body and the wheels or underneath the vehicle. There is a risk of injury.

When coupling or decoupling a trailer, make sure that no one:

- opens or closes the doors or the tailgate
- initiates a level change or turns the DYNAMIC SELECT Controller
- · locks or unlocks the vehicle

▲ WARNING

You could lose control of the vehicle/trailer combination if it begins to swerve. The vehicle/trailer combination could even overturn. There is a risk of an accident.

On no account should you attempt to straighten out the vehicle/trailer combina-

tion by increasing speed. Decrease your speed and do not countersteer. Brake if necessary.

If the maximum permissible load for a carrier system is exceeded, the carrier could come loose from the vehicle and endanger other road users. There is a risk of an accident and injury.

Never exceed the maximum permissible load when using a carrier.

Exceeding the maximum permissible noseweight of the trailer drawbar on the ball coupling may cause damage to the following:

- your vehicle
- the trailer
- the ball coupling
- trailer tow hitch

The vehicle/trailer combination could become unstable.

If the noseweight used is lower than the minimum permissible noseweight, the vehicle/ trailer combination could also become unstable. To avoid hazardous situations:

- make sure to check the noseweight before each journey
- use a drawbar noseweight as close as possible to the maximum noseweight
- do not exceed the maximum permissible noseweight
- do not use a noseweight lower than the minimum noseweight

When reversing the vehicle towards the trailer, make sure there is nobody between the trailer and the vehicle.

Couple and uncouple the trailer carefully. If you do not couple the trailer to the towing vehicle correctly, the trailer could become detached.

Make sure that the following values are not exceeded:

- the permissible trailer drawbar noseweight
- the permissible trailer load
- the permissible rear axle load of the towing vehicle
- the maximum permissible gross vehicle weight of both the towing vehicle and the trailer

The applicable permissible values, which must not be exceeded, can be found:

- in your vehicle documents
- on the identification plates of the trailer tow hitch and the trailer
- on the vehicle identification plate

If the values differ, the lowest value applies.

You will find the values approved by the manufacturer on the vehicle identification plates and those for the towing vehicle under "Technical data" (> page 447).

When towing a trailer, your vehicle's handling characteristics will be different in comparison to when driving without a trailer.

The vehicle/trailer combination:

- is heavier
- is restricted in its acceleration and gradientclimbing capability
- has an increased braking distance
- is affected more by strong crosswinds
- demands more sensitive steering
- has a larger turning circle

This can impair the vehicle's handling characteristics. Adapt your driving style accordingly. Maintain a safe distance. Drive carefully. When towing a trailer, always adjust your speed to the current road and weather conditions. Do not exceed the maximum permissible speed for your vehicle/trailer combination.

Notes on towing a trailer

General notes

Check the tyre pressures when towing a trailer. You will find the values in the tyre pressure table in the vehicle fuel filler flap (\triangleright page 408).

Please note that when towing a trailer, the following driving systems have limited availability or are not available at all.

- PARKTRONIC (▷ page 225)
- Blind Spot Assist (▷ page 244)
- Active Lane Keeping Assist (▷ page 250)
- Active Parking Assist (▷ page 228)

On vehicles without level control, the height of the ball coupling will alter according to the load placed on the vehicle. If necessary, use a trailer with a height-adjustable drawbar.

You will find fitting dimensions and loads under "Technical data" (> page 446).

Driving tips

Observe the information on ESP[®] trailer stabilisation (\triangleright page 77) and on pulling away with a trailer (\triangleright page 161).

Select the **Comfort** drive program using the DYNAMIC SELECT controller (▷ page 166). The maximum permissible speed for vehicle/ trailer combinations depends on the type of trailer. Before beginning the journey, check the trailer's documents to see what the maximum permitted speed is. Observe the legally prescribed maximum speed in the relevant country.

For certain Mercedes-Benz vehicles, the maximum permissible rear axle load is increased when towing a trailer. See the "Technical data" section to find out whether this applies to your vehicle (▷ page 447). If you utilise any of the added maximum rear axle load when towing a trailer, the vehicle/trailer combination may not exceed a maximum speed of 100 km/h for reasons concerning the operating permit. This also applies in countries in which the permissible maximum speed for vehicle/trailer combinations is above 100 km/h. When towing a trailer, your vehicle's handling characteristics will be different in comparison to when driving without a trailer and it will consume more fuel.

Use the left-hand gearshift paddle to shift to a lower gear on long and steep downhill gradients. This also applies if you have activated cruise control, SPEEDTRONIC or DISTRONIC PLUS.

This will use the braking effect of the engine, so less braking will be required to maintain vehicle speed. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly. If you need additional braking, depress the brake pedal repeatedly rather than continuously.

Driving tips

If the trailer swings from side to side:

- ▶ Do not accelerate.
- ▶ Do not countersteer.
- ▶ Brake if necessary.
- Maintain a greater distance to the vehicle in front than when driving without a trailer.
- Avoid braking abruptly. If possible, brake gently at first to allow the trailer to run on. Then, increase the braking force rapidly.
- The values given for gradient-climbing capabilities from a standstill refer to sea level. When driving in mountainous areas, note that the power output of the engine, and consequently the vehicle's gradient-climbing capability, decrease with increasing altitude.

Swinging out the ball coupling

▲ WARNING

If the ball coupling is not engaged, the trailer may come loose. There is a risk of an accident.

Make sure that the ball coupling is securely engaged and locked in position.

Do not attempt to speed the up the swingout procedure by applying additional pressure with your foot. The system could otherwise be mechanically damaged. To fold out the ball coupling, you have two options:

- use the switch in the driver's door (all vehicles except PLUG-IN HYBRID vehicles)
- use the switch in the tailgate

The trailer power socket is integrated into the ball coupling and swivels out with it.

Only release the ball coupling when its range of movement is unobstructed.



Folding out using the switch in the driver's door (all vehicles except plug-in hybrid vehicles):

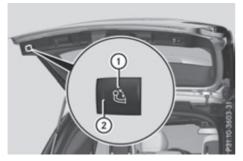
- ► Make sure that the vehicle is stationary.
- ▶ Shift the transmission to position **P**.
- Switch the ignition on.
- ▶ Pull switch (1) briefly.
- After a short time the ball coupling swings out from under the rear bumper. It can take up to seven seconds before the ball coupling visibly swings out.
- Remove the protective covering from the ball coupling and store it in a safe place.

Until the ball coupling securely engages and locks in a vertical position:

- indicator lamp 2 flashes
- the multifunction display shows the display message Trailer coupling extend-ing....

The ball coupling swivels back into the out-ofuse position when:

- you drive off before the **Trailer coupling** extending... display message has disappeared from the multifunction display
- the ball coupling encounters an obstacle in the swinging range



Swinging out using the switch in the tailgate:

- ► Make sure that the vehicle is stationary.
- ▶ Open the tailgate.
- ▶ Pull switch ① briefly.

After a short time the ball coupling swings out from under the rear bumper. It can take up to seven seconds before the ball coupling visibly swings out.

Remove the protective covering from the ball coupling and store it in a safe place.

Until the ball coupling securely engages and locks in a vertical position:

- indicator lamp 2 flashes
- the multifunction display shows the display message Trailer coupling extend-ing....

The ball coupling swivels back into the out-ofuse position when:

- you drive off before the **Trailer coupling** extending... display message has disappeared from the multifunction display
- the ball coupling encounters an obstacle in the swinging range

Further information:

- Display messages when towing a trailer (▷ page 332)
- Problems when swivelling the ball coupling (▷ page 279)

Coupling up a trailer

Important safety notes

Vehicles with level control:

If you disconnect the trailer cable, the vehicle is lowered. This can cause you or others to become trapped between the vehicle body and tyres, or underneath the vehicle. This poses a risk of injury.

Make sure that no-one is in the immediate vicinity of the wheel arch or underneath the vehicle when disconnecting the trailer cable.

Steel-sprung vehicles

- ▶ Shift the transmission to position **P**.
- ► Apply the electric parking brake.
- Position the trailer horizontally behind the vehicle.
- ► Couple up the trailer.
- ► Establish the electrical connection between the vehicle and the trailer.
- Check that the trailer lighting system is working.

Vehicles with the AIRMATIC package

- Before beginning the journey, make sure that the trailer support wheel is completely raised. Otherwise, the trailer or the vehicle could be damaged by the lowered trailer support wheel during the journey.
- ► Shift the transmission to position **P**.
- ► Apply the electric parking brake.
- ▶ Start the engine.
- ► Vehicles with the Off-Road Engineering package: set the vehicle level to normal level (▷ page 216).
- ▶ Vehicles without the Off-Road Engineering package: select the Comfort drive program using the DYNAMIC SELECT controller (▷ page 221).
- ► Switch off the engine.
- ► Close the doors and tailgate.
- Position the trailer horizontally behind the vehicle.
- ▶ Couple up the trailer.
- Establish the electrical connection between the vehicle and the trailer.

- Check that the trailer lighting system is working.
- Push the combination switch upwards and downwards and check whether the corresponding turn signal on the trailer is flashing.

A connected trailer is only detected when the electrical connection is established correctly and when the lighting system is working properly. The function of other systems also depends on this, for example:

- ESP®
- PARKTRONIC
- Active Parking Assist
- Active Blind Spot Assist
- Active Lane Keeping Assist
- () Vehicles with the AIRMATIC package: if you couple up a trailer, the vehicle initially remains at the selected level of the drive program set. Observe the following when coupling up a trailer:
 - If the normal level was not selected previously, the vehicle automatically adopts the normal level starting from a speed of 30 km/h. Even at higher speeds, it does not drop below the normal level.
 - Vehicle levels below the normal level are not available.
 - The raised level is available up to a speed of 30 km/h.
 - This also applies when using accessories that are plugged into the socket of the trailer tow hitch (e.g. a bicycle rack).
 - Before driving with a trailer, please observe the information on the trailer support wheel.

Uncoupling a trailer

Important safety notes

▲ WARNING

If you uncouple a trailer with an engaged overrun brake, you could trap your hand between the vehicle and the trailer drawbar. This poses a risk of injury.

Do not uncouple a trailer with an engaged overrun brake.

Vehicles with level control:

If you disconnect the trailer cable, the vehicle is lowered. This can cause you or others to become trapped between the vehicle body and tyres, or underneath the vehicle. This poses a risk of injury.

Make sure that no-one is in the immediate vicinity of the wheel arch or underneath the vehicle when disconnecting the trailer cable.

- Do not disconnect a trailer with an engaged overrun brake. Otherwise, your vehicle could be damaged by the rebounding of the overrun brake.
- Remove the adapter cable before folding in the ball coupling. You could otherwise damage the rear bumper and the adapter cable.

Steel-sprung vehicles

- ▶ Shift the transmission to position **P**.
- ► Apply the electric parking brake.
- ▶ Secure the trailer against rolling away.
- Remove the trailer cable and decouple the trailer.

Vehicles with the AIRMATIC package

- ▶ Shift the transmission to position **P**.
- ► Apply the electric parking brake.
- Start the engine.
- Close the doors and tailgate.
- Secure the trailer against rolling away.
- Remove the trailer cable and decouple the trailer.
- ► Switch off the engine.

Swinging the ball coupling in

Do not attempt to speed the up the swingout procedure by applying additional pressure with your foot. The system could otherwise be mechanically damaged.

Driving and parking

Fold the ball coupling back in if you are not using the trailer tow hitch. To fold the ball coupling in, you have two options:

- use the switch in the driver's door (all vehicles except PLUG-IN HYBRID vehicles)
- use the switch in the tailgate

Only release the ball coupling when its range of movement is unobstructed.



Folding in using the switch in the driver's door (all vehicles except plug-in hybrid vehicles):

- ► Make sure that the vehicle is stationary and the trailer cables are disconnected.
- Place the protective covering on the ball coupling.
- ▶ Shift the transmission to position **P**.
- ► Switch the ignition on.
- ▶ Pull switch (1) briefly.

After a short time the ball coupling swings in under the rear bumper. It can take up to seven seconds before the ball coupling visibly swings in.

Until the ball coupling securely engages and locks under the bumper:

- indicator lamp (2) flashes
- the multifunction display shows the display message Trailer coupling extend-ing....

The ball coupling swivels back into the out-ofuse position when:

- you drive off before the Trailer coupling extending... display message has disappeared from the multifunction display
- the ball coupling encounters an obstacle in the swinging range



Folding in using the switch in the tailgate:

- Make sure that the vehicle is stationary and the trailer cables are disconnected.
- Place the protective covering on the ball coupling.
- ▶ Open the tailgate.

swings in.

Pull switch ① briefly. After a short time the ball coupling swings in under the rear bumper. It can take up to seven seconds before the ball coupling visibly

Until the ball coupling securely engages and locks under the bumper:

- indicator lamp (2) flashes
- the multifunction display shows the display message Trailer coupling extend-ing....

The ball coupling swivels back into the out-ofuse position when:

- you drive off before the **Trailer coupling** extending... display message has disappeared from the multifunction display
- the ball coupling encounters an obstacle in the swinging range

Further information:

- Display messages when towing a trailer (▷ page 332)
- Problems when swivelling the ball coupling (▷ page 279)

Trailer power supply

You can connect accessories with a power rating of up to 180 W to the permanent power supply and with a power rating of up to 180 W to the power supply that is switched on via the ignition lock. The trailer battery may not be charged from the power supply.

When it leaves the factory, your vehicle's trailer socket is equipped with a permanent power supply and a power supply that is switched on via the ignition lock.

The permanent power supply is supplied via trailer socket pin 9.

The power supply that is switched on via the ignition lock is supplied via trailer socket pin 10.

The trailer's permanent power supply is switched off in the event of low vehicle supply voltage and after six hours at the latest.

You can find more information about fitting the trailer electrics at a qualified specialist work-shop.

► To switch the connected power supply on or off: turn the key to position 2 or 0 respectively (▷ page 158).

Failure check for LEDs

If LED lamps are fitted in the trailer, a malfunction message may appear in the multifunction display even if there is no fault. The reason for the error message may be that the current has fallen below the minimum of 50 mA.

To ensure reliable indication of the failure, each LED chain in the trailer lighting must be guaranteed a minimum current of 50 mA.

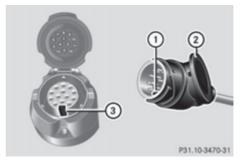
Trailer with 7-pin connector

General notes

Trailer with 7-pin connector: you can connect to the 13-pin socket on the ball coupling using an adapter or, if necessary, an adapter cable. Both can be obtained at a qualified specialist workshop.

Fitting the adapter

- Make sure that there is sufficient cable play so that the cable cannot become detached when cornering.
- Remove the adapter cable before folding in the ball coupling. You could otherwise damage the rear bumper and the adapter cable.



- Open the socket cover.
- Insert the plug connector with lug 1 into groove 3 on the socket.
- Turn bayonet connection (2) clockwise to the stop.
- ► Let the cover engage.
- If you are using an adapter cable, secure the cable to the trailer with cable ties.

Problems with trailer towing

Problem	Possible causes/consequences and Solutions
The displaced ball cou- pling does not reach the securely locked position.	 The indicator lamp in the button flashes. The Check trailer hitch lock message appears in the multi- function display.
	Initiate a new swivelling procedure.
	If the ball coupling does not reach the safely engaged position as a result:
	 Start the engine or
	Pull and hold the button during the whole swivelling procedure.
	If the unlocked ball coupling does not reach the safely engaged position even after several attempts:
	Make sure that there is sufficient ground clearance before continu- ing the journey.
	 Consult a qualified specialist workshop.
	As long as the Check trailer hitch lock display message is shown in the multifunction display, no trailer should be attached.
Unlocking using the button in the tailgate:	The on-board voltage is too low.
The ball coupling does	► Start the engine.
not swivel, even though:	If the ball coupling still does not unlock:
 the vehicle is station- ary 	 Consult a qualified specialist workshop.
 no trailer cable is con- nected 	
 the button was briefly pulled 	

280 Towing a trailer

Problem	Possible causes/consequences and ► Solutions
Unlocking using the button in the driver's door (all vehicles except PLUG-IN HYBRID): The ball coupling does not swivel, even though: • the vehicle is station- ary • no trailer cable is con- nected	 The on-board voltage is too low. Engage park position P. Switch on the power supply. or Start the engine. If the ball coupling still does not unlock: Consult a qualified specialist workshop.
The ball coupling does not swivel. The indicator lamp in the button is flashing permanently. The Check trailer hitch lock message appears in the multifunc- tion display.	 There is a malfunction in the release electronics. When the ball coupling is retracted: pull and hold the button in the tailgate until the ball coupling engages into a securely engaged and locked in a vertical position and then engages again under the bumper. When the ball coupling is extended: pull and hold the button in the tailgate until the ball coupling engages underneath the bumper. If the ball coupling still does not unlock:

► Consult a qualified specialist workshop.

Useful information

(1) This Owner's Manual describes all models, series and optional equipment for your vehicle that were available at the time of going to press. National variations are possible. Note that your vehicle may not be equipped with all of the functions described. This is also the case for systems and functions relevant to safety.

 Read the information on qualified specialist workshops: (▷ page 28).

Important safety notes

MARNING

Operating the integrated information systems and communications equipment in the vehicle while driving will distract you from traffic conditions. You could then lose control of the vehicle. There is a risk of an accident.

Only operate these devices if road traffic conditions permit. If you are unsure about the surrounding conditions, pull over to a safe location and make entries only while the vehicle is stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the on-board computer.

PLUG-IN HYBRID vehicles only:

If the instrument cluster has failed or there is a malfunction, you may not know about safety-related function restrictions. The operating safety of your vehicle may be affected. There is a risk of an accident.

Immediately stop the vehicle while paying attention to the traffic conditions and consult a qualified specialist workshop.

All vehicles, except PLUG-IN HYBRID vehicles:

The on-board computer only shows messages or warnings from certain systems in the multifunction display. You should therefore make sure your vehicle is operating safely at all times. For an overview, see the instrument cluster illustration (\triangleright page 32).

Displays and operation

Instrument cluster lighting

The lighting in the instrument cluster, in the displays and the controls in the vehicle interior can be adjusted using the brightness control knob.

The brightness control knob is located on the bottom left of the instrument cluster (> page 32).

 Turn the brightness control knob clockwise or anti-clockwise.

If you turn the light switch to AUTO, SOC or SOC, the brightness is dependent upon the brightness of the ambient light.

1 The light sensor in the instrument cluster automatically controls the brightness of the multifunction display.

In daylight, the displays in the instrument cluster are not illuminated.

Speedometer with segments

The speedometer is divided into segments only on vehicles with DISTRONIC PLUS.

The segments in the speedometer indicate which speed range is available.

- Variable SPEEDTRONIC activated (▷ page 205): The segments light up from the start of the scale to the selected limit speed.
- DISTRONIC PLUS activated (▷ page 207): One or two segments in the set speed range light up.
- DISTRONIC PLUS detects a vehicle in front moving more slowly than the stored speed: The segments between the speed of the vehicle in front and the stored speed light up.

Rev counter

Do not drive in the overrevving range. Doing so will damage the engine.

The red band in the rev counter indicates the engine's overrevving range.

The fuel supply is interrupted to protect the engine when the red band is reached.

Outside temperature display

You should pay special attention to road conditions when temperatures are around freezing point.

Bear in mind that the outside temperature display indicates the measured air temperature and not the road surface temperature.

The outside temperature display is in the multi-function display (\triangleright page 283).

A change in the outside temperature is shown in the multifunction display after a delay.

Coolant temperature gauge

If you open the bonnet while the engine is overheating or while there is a fire in the engine compartment, you could come into contact with hot gases or other leaking service products. There is a danger of injury.

Allow an overheating engine to cool down before opening the bonnet. If there is a fire in the engine compartment, leave the bonnet closed and notify the fire brigade.

All vehicles except PLUG-IN HYBRID vehicles: the coolant temperature gauge is in the instrument cluster on the right-hand side (\triangleright page 32). PLUG-IN HYBRID vehicles: the multifunction display shows the coolant temperature in the Coolant (\triangleright page 292) submenu.

Under normal operating conditions and with the specified coolant level, the coolant temperature may rise to 120 $^\circ\!C.$

At high outside temperatures and when driving uphill, the coolant temperature may rise to the end of the scale.

Operating the on-board computer

Overview



- ① Multifunction display
- 2 Right control panel
- ③ Left control panel
- ► To activate the on-board computer: turn the key to position 1 in the ignition lock.

You can control the multifunction display and the settings in the on-board computer using the buttons on the multifunction steering wheel. In vehicles with the multimedia system COMAND Online, you can find further information on LINGUATRONIC in the separate operating instructions.

In vehicles with the multimedia system Audio 20, you can find further information on voice-controlled navigation in the separate manufacturer's operating instructions.

Left control panel

Calls up the menu and menu bar

Press briefly:

- Scrolls through lists
- Selects a submenu or function
- In the Audio menu: selects the previous or next station, when the preset list or station list is active, or an audio track or video scene
- In the Te1 (telephone) menu: switches to the phone book and selects a name or telephone number

Press and hold:

- In the Audio menu: selects a preset list or a station list in the desired frequency range, or selects an audio track or video scene using rapid scrolling
- In the Tel (Telephone) menu: starts rapid scrolling if the phone book is open
- OK Confirms the selection or display message
 - In the Te1 (Telephone) menu: switches to the telephone book and starts dialling the selected number

Press briefly:

- Back
- Switches off voice-operated navigation or LINGUATRONIC
- Hides display messages or calls up the last Trip menu function used
- Exits the telephone book/redial memory

Press and hold:

Calls up the standard display in the Trip menu

Right control panel

	 Rejects or ends a call Exits the telephone book/redial memory
	Makes or accepts a callSwitches to the redial memory
+	• Adjusts the volume
¥	• Mute
(« <u>{</u>	Switches on voice-operated navi- gation or LINGUATRONIC

Multifunction display



- Permanent display: outside temperature or speed (▷ page 293)
- Time
- ③ Text field
- ④ Menu bar
- ⑤ Drive program (▷ page 168)
- ⑥ Transmission position (▷ page 168)
- ► To display menu bar ④: press the or ▶ button on the steering wheel. If you do not press the buttons any longer, menu bar ④ is faded out after a few seconds. Text field ③ shows the selected menu or submenu as well as display messages.
- Set the time using the multimedia system (see the Digital Owner's Manual).

Possible displays in the multifunction display:

- ★ Gearshift recommendation, when shifting manually (▷ page 172)
- P Active Parking Assist (> page 228)
- 🚱 Cruise control (⊳ page 203)
- LIM SPEEDTRONIC (▷ page 205)
- READY PLUG-IN HYBRID operation activated (PLUG-IN HYBRID vehicles) (▷ page 266)
- HYBRID operating mode, additional operating mode displays (PLUG-IN HYBRID vehicles) (▷ page 261)
- **J** Electric range (PLUG-IN HYBRID vehicles) (▷ page 261)
- LOW RANGE LOW RANGE off-road gear (▷ page 255)
- ➡ Adaptive Highbeam Assist Plus (▷ page 126)
- HOLD function (▷ page 219)
- 120 km/h! Maximum permissible speed exceeded (only for certain countries)
- DSR Downhill Speed Regulation (▷ page 252)

Menus and submenus

Menu overview

Press the \blacksquare or \blacktriangleright button on the steering wheel to call up the menu bar and select a menu. Operating the on-board computer (\triangleright page 282). Depending on the equipment fitted in the vehicle, you can call up the following menus:

- Trip menu (⊳ page 284)
- Navi menu (navigation instructions) (▷ page 286)
- Audio menu (⊳ page 287)
- Tel menu (telephone) (▷ page 288)
- Assist. menu (assistance) (> page 289)
- Serv. menu (⊳ page 291)
- Settings menu (settings) (▷ page 292)
- ON&OFFROAD menu (▷ page 297)
- AMG menu (Mercedes-AMG vehicles) (▷ page 297)

Trip menu

Standard display



Press and hold the <u></u>button on the steering wheel until the <u>Trip</u> menu with trip meter (1) and total distance recorder (2) appears.

Trip computer "From start" or "From reset"



- Distance
- Driving time
- ③ Average speed
- ④ Average fuel consumption
- Press the or button on the steering wheel to select the Trip menu.
- ► Press the ▲ or ▼ button to select From start or From reset.

The values in the From start submenu are calculated from the start of a journey, whilst the values in the From reset submenu are calculated from the last time the submenu was reset (\triangleright page 285).

The From start trip computer is automatically reset if:

- the ignition has been switched off for more than four hours.
- 999 hours have been exceeded.
- 9,999 kilometres have been exceeded.

The **From reset** trip computer is automatically reset if the value exceeds 9,999 hours or 99,999 kilometres.

ECO display



The ECO display is not available for Mercedes-AMG vehicles.

- Press the or button on the steering wheel to select the Trip menu.
- ► Press the ▲ or ▼ button to select ECO DISPLAY.

If the ignition remains switched off for longer than four hours, the ECO display will be automatically reset.

Further information on the ECO display (\triangleright page 194).

Displaying the range and current fuel consumption



Mercedes-AMG vehicles: the menu only displays approximate range ①.

PLUG-IN HYBRID vehicles: the menu displays current fuel consumption (2). In the subsequent message, the multifunction display shows the approximate electrical range as well as the total range (\triangleright page 266).

- Press the or button on the steering wheel to select the Trip menu.
- Press the ▲ or ▼ button to select approximate range ① and current fuel consumption ②.

Approximate range (1) that can be covered is calculated according to your current driving style and the amount of fuel in the tank. If there is only a small amount of fuel left in the fuel tank, a vehicle being refuelled **metabolic states** appears instead of approximate range (1).

Recuperation display (3) shows you if energy has been recuperated from the kinetic energy

in overrun mode and saved in the battery. Recuperation display ③ depends on the engine installed and is therefore not available in all vehicles.

Digital speedometer



- Press the or button on the steering wheel to select the Trip menu.
- Press the or button to select the digital speedometer.

A gearshift recommendation **t** can also be displayed.

Observe the information on gearshift recommendation + when shifting manually (> page 172).

Mercedes-AMG vehicles: a gearshift recommendation is shown in the status bar of the multifunction display and not in the digital speedometer display.

Resetting values



- Press the or button on the steering wheel to select the Trip menu.
- Press the or button to select the function that you wish to reset.
- ▶ Press OK to confirm your selection.
- ▶ Press ▼ to select Yes and press OK to confirm.

You can reset the values of the following functions:

- Trip meter
- "From start" trip computer
- "From reset" trip computer
- ECO display

If you reset the values in the "ECO display", the values in the "From start" trip computer are also reset. If you reset the values in the "From start" trip computer, the values in the "ECO display" are also reset.

Navigation menu

Displaying navigation instructions

In the Navi menu, the multifunction display shows navigation instructions.

Observe the additional information on navigation in the separate multimedia system operating instructions.

- Switch on the multimedia system (see separate operating instructions).
- Press the or button on the steering wheel to select the Navi menu.

Route guidance not active



- Direction of travel
- Current road

Route guidance active

No change of direction announced



- Distance to the destination
- Distance to the next change of direction
- ③ Current road
- ④ Symbol indicating "follow the road's course"

Change of direction announced without a lane recommendation



- Road to which the change of direction leads
- Distance to change of direction and visual distance display
- ③ Change-of-direction symbol

When a change of direction is to be made, you will see symbol ③ for the change of direction and distance graphic ②. This shortens towards the top of the display as you approach the point of the announced change of direction. The change of direction starts once the distance display reaches zero.

Change of direction announced with a lane recommendation



- (1) Road to which the change of direction leads
- Distance to change of direction and visual distance display
- ③ Lanes not recommended
- Recommended lane and new lane during a change of direction
- 5 Change-of-direction symbol

On multi-lane roads, new lane recommendations can be displayed for the next change of direction if the digital map supports this data. During the change of direction, new lanes may be added.

Lane not recommended ③: you will not be able to complete the next change of direction if you stay in this lane.

Recommended lane and new lane during a change of direction ④: in this lane you will be able to complete the next two changes of direction without changing lane.

Other status indicators of the navigation system



The navigation system displays additional information and the vehicle status.

Possible displays

- New route... or Calculating route... A new route is calculated.
- Road not mapped

The vehicle position is inside the area of the digital map but the road is not recognised, e.g. new roads, car parks or private land.

• No route

No route could be calculated to the selected destination.

• 🕅

You have reached the destination or an intermediate destination.

Audio menu

Selecting a radio station



- 1 Active station list
- ② Station with preset position

The multifunction display shows station ② with station frequency or station name. The preset position is also displayed if the station ② was stored. Store stations ③ in the multimedia system.

- Switch on the multimedia system and select radio; see the separate operating instructions.
- Press the or button on the steering wheel to select the Audio menu.

- ► To select a preset list or station list: press and briefly hold the or button until the preset list or station list in the desired frequency range is shown in the multifunction display.
- ► To select a station: briefly press ▲ or ▼.
- DAB radio mode (Digital Audio Broadcasting) is an optimised digital transmission standard designed for the mobile reception of radio transmissions.

Audio player or audio media operation



Audio files from various audio players or media can be played, depending on the equipment fitted in the vehicle.

- Switch on the multimedia system and select audio CD or MP3 mode; see the separate operating instructions.
- Press the or button on the steering wheel to select the Audio menu.
- ► To select the next/previous track: briefly press the a or button.
- ► To select a track from the track list (rapid scrolling): press and hold the a or button until desired track () has been reached.

If you press and hold the \frown or \bigtriangledown button, the rapid scrolling speed is increased. Not all audio players or media support this function.

If track information is stored on the audio player or media, the multifunction display will show the number and title of the track. The current track does not appear in audio AUX mode (**Aux**iliary audio mode: external audio source connected).

Video DVD operation



- Switch on the multimedia system and select video DVD; see the separate operating instructions.
- Press the or button on the steering wheel to select the Audio menu.
- ► To select the next or previous scene: briefly press the ▲ or ▼ button.
- ► To select a scene from the scene list (rapid scrolling): press and hold the ▲ or ▼ button until desired scene ① has been reached.

TV operation



The preset position is also displayed only if the channel (1) has been stored. Store TV channels in the multimedia system.

- Switch on the multimedia system and select TV; see the separate operating instructions.
- Press the or button on the steering wheel to select the Audio menu.
- ► To select a stored channel: briefly press the
 ▲ or ▼ button.
- ► To select a channel from the channel list: press and briefly hold the ▲ or ▼ button.
- **1** Depending on the digital TV broadcaster, radio stations can also be received. The multifunction display shows TV (RADIO).

Telephone menu

Introduction

MARNING

Operating the integrated information systems and communications equipment in the vehicle while driving will distract you from traffic conditions. You could then lose control of the vehicle. There is a risk of an accident.

Only operate these devices if road traffic conditions permit. If you are unsure about the surrounding conditions, pull over to a safe location and make entries only while the vehicle is stationary.

When telephoning, you must observe the legal requirements for the country in which you are currently driving.

- Switch on the mobile phone (see the manufacturer's operating instructions).
- Switch on the multimedia system (see separate operating instructions).
- ► Insert the mobile phone into the bracket (▷ page 366).

or

- Establish a Bluetooth[®] connection to the multimedia system; see the separate operating instructions.
- Establish a Bluetooth[®] connection to the multimedia system; see the separate operating instructions.
- Press the or button on the steering wheel to select the Te1 menu.

You will see one of the following display messages in the multifunction display:

- Telephone ready or the name of the network provider: the mobile phone has found a network and is ready to receive.
- Telephone No service: there is no network available or the mobile phone is searching for a network.

You can obtain further information about suitable mobile phones and connecting mobile phones via Bluetooth[®]:

- at any Mercedes-Benz Service Centre
- on the Internet at http://www.mercedesbenz.com/connect

Accepting a call



If someone calls you when you are in the Tel menu, a display message appears in the multi-function display.

You can accept a call at any time, even if you are not in the $\ensuremath{\mbox{Tel}}\xspace$ menu.

Press the button on the steering wheel to accept an incoming call.

Rejecting or ending a call

You can end or reject a call even if you are not in the $\ensuremath{\text{Tel}}$ menu.

 Press the steering wheel to reject or end an incoming call.

Selecting an entry from the telephone book

- Press the or button on the steering wheel to select the el menu.
- ▶ Press the ▲, ▼ or OK button to switch to the phone book.
- Authorise access to the phone book on the phone.
- ► Press the ▲ or ▼ button to select the desired name.

or

- ► To start rapid scrolling: press and hold or ▼ for longer than one second. Rapid scrolling stops when you release the button or reach the end of the list.
- ► If only one telephone number is stored for a name: press the rest or OK button to start dialling.

or

- ► If there is more than one number for a particular name: press the or OK button to display the numbers.
- Press the or button to select the number you want to dial.

► Press the r or OK button to start dialling.

or

To exit the telephone book: press the or button.

Redialling

The on-board computer saves the last names or numbers dialled in the redial memory.

- Press the or button on the steering wheel to select the Te1 menu.
- Press the press the button to switch to the redial memory.
- ► Press the ▲ or ▼ button to select the desired name or number.
- Press the or OK button to start dialling.

or

► To exit the redial memory: press the or button.

Assistance menu

Introduction



Depending on the equipment fitted in the vehicle, you have the following options in the Assist. menu:

- Showing the assistance graphic (▷ page 290)
- Activating/deactivating the Traffic Sign Assist display (▷ page 290)
- Activating/deactivating Steering Assist and Stop&Go Pilot (▷ page 290)
- Activating/deactivating PRE-SAFE[®] Brake (▷ page 290)
- Activating/deactivating COLLISION PREVEN-TION ASSIST PLUS (▷ page 291)
- Activating/deactivating ATTENTION ASSIST (▷ page 291)

- Activating/deactivating Blind Spot Assist or Active Blind Spot Assist (▷ page 291)
- Activating/deactivating Lane Keeping Assist or Active Lane Keeping Assist (▷ page 291)

Showing the assistance graphic



- ▶ Press the or button on the steering wheel to select the Assist . menu.
- ▶ Press ▲ or ▼ to select Assistance graphic.
- ► Confirm by pressing OK on the steering wheel.

The multifunction display shows the DISTRONIC PLUS distance display in the assistance graphic.

The assistance graphic shows you the status of and/or information from the following driving systems or driving safety systems:

- Traffic Sign Assist (▷ page 242)
- DISTRONIC PLUS (▷ page 207)
- PRE-SAFE[®] Brake (▷ page 78)
- COLLISION PREVENTION ASSIST PLUS (▷ page 73)
- ATTENTION ASSIST (▷ page 240)
- Lane Keeping Assist (▷ page 246) or Active Lane Keeping Assist (▷ page 250)
- DSR (▷ page 252)
- Off-road program (vehicles with Off-Road Engineering package) (▷ page 254)
- Rear window wiper (▷ page 131)
- Press v to display the ATTENTION ASSIST assessment.

Traffic Sign Assist

In the **Traffic Sign Assist** menu, you can switch the Traffic Sign Assist message function on or off. When the message function is activated, detected traffic signs and information appear in the multifunction display for five seconds.

- Press the or button on the steering wheel to select the Assist. menu.
- ► Press the ▲ or ▼ button to select Traffic Sign Assist.
- Confirm by pressing OK on the steering wheel.

The current selection appears.

► To activate/deactivate the message function: press OK again.

Further information about Traffic Sign Assist (> page 242).

Activating/deactivating Steering Assist and Stop&Go Pilot

- ▶ Press the or button on the steering wheel to select the Assist. menu.
- Press the or button to select DTR +: steer. asst.
- Confirm by pressing OK on the steering wheel.

The current selection appears.

► To activate/deactivate: press the OK button again.

When Steering Assist and Stop&Go Pilot are activated, the multifunction display shows the DTR+: steering assistant On message.

Further information about DISTRONIC PLUS with Steering Assist and Stop&Go Pilot (> page 214).

Activating/deactivating PRE-SAFE[®] Brake

PRE-SAFE[®] Brake is only available for vehicles with the Driving Assistance package.

- Press the or button on the steering wheel to select the Assist. menu.
- Press the or button to select PRE-SAFE brake.
- Press OK to confirm. The current selection appears.
- ► To activate/deactivate: press the OK button again.

When PRE-SAFE[®] Brake is deactivated, the assistance graphic shows the Streef symbol in the multifunction display.

For more information on PRE-SAFE[®] Brake, see $(\triangleright \text{ page 78})$.

Activating/deactivating COLLISION PREVENTION ASSIST PLUS

- ▶ Press the or button on the steering wheel to select the Assist. menu.
- ► Press the ▲ or ▼ button to select Collision Prevent. Assist.
- Press OK to confirm. The current selection appears.
- To activate/deactivate: press the OK button again.

When COLLISION PREVENTION ASSIST PLUS is deactivated, the 질문 symbol appears in the multifunction display in the assistance graphic display.

Further information about COLLISION PREVEN-TION ASSIST PLUS (\triangleright page 73).

Activating/deactivating ATTENTION ASSIST

- Press the or button on the steering wheel to select the Assist. menu.
- ▶ Press the ▲ or ▼ button to select Attention Assist.
- ▶ Press the OK button. The current selection appears.
- ▶ Press OK to confirm.
- ▶ Press the ▼ or ▲ button to set Off, Standard or Sensitive.
- Press the OK button to save the setting. When ATTENTION ASSIST is deactivated, the ever symbol appears in the multifunction display in the assistance graphic display.

For further information about ATTENTION ASSIST, see (\triangleright page 240).

Activating/deactivating Blind Spot Assist

- Press the or button on the steering wheel to select the Assist. menu.
- ► Press the ▲ or ▼ button to select Blind Spot Assist.
- ► Confirm by pressing OK on the steering wheel.

The current selection appears.

To activate/deactivate: press the OK button again.

Further information about Blind Spot Assist (> page 244).

For further information about Active Blind Spot Assist, see (\triangleright page 247).

Activating/deactivating Lane Keeping Assist

- Press the or button on the steering wheel to select the Assist. menu.
- ► Press the ▲ or ▼ button to select Lane Keeping Assist.
- Press OK to confirm.
 The current selection appears.
- ▶ Press OK to confirm.
- Press the v or button to set Off, Standard or Adaptive.

When Lane Keeping Assist or Active Lane Keeping Assist is activated, the multifunction display shows the lane markings as bright lines in the assistance graphic.

▶ Press the OK button to save the setting.

Further information about Lane Keeping Assist (> page 246).

Further information about Active Lane Keeping Assist (▷ page 250).

Service menu Introduction 1 message Tyre pressure ASSYST PLUS

Depending on the equipment fitted in the vehicle, you have the following options in the Serv. menu:

P54 33-3582-31

- Calling up display messages in the message memory (▷ page 300)
- Restarting the tyre pressure loss warning system (▷ page 410) or checking the tyre pressure electronically (▷ page 411)
- Calling up the service due date (> page 378)
- Displaying the coolant temperature (PLUG-IN HYBRID vehicles) (▷ page 292)

Displaying the coolant temperature

- The Coolant menu is only available on PLUG-IN HYBRID vehicles.
- Observe the notes on coolant temperature (\triangleright page 282).
- Press the or button on the steering wheel to select the Settings menu.
- ► Press the ▼ or ▲ button to select the Serv. submenu.
- ► Confirm by pressing OK on the steering wheel.
- ► Press the ▼ or ▲ button to select the Coolant submenu.
- Press OK to confirm your selection. The coolant temperature is shown in a bar display.

Settings menu

Introduction



Depending on the equipment fitted in the vehicle, In the Settings menu you have the following options:

- To change the HYBRID settings (PLUG-IN HYBRID vehicles) (▷ page 292)
- To change the instrument cluster settings (▷ page 293)
- To change the light settings (▷ page 293)
- To change the vehicle settings (▷ page 294)
- To change the heating settings (▷ page 295)
- To change the convenience settings (▷ page 296)
- To restore the factory settings (▷ page 297)

HYBRID submenu (PLUG-IN HYBRID vehicles)

Setting the maximum charge current

Using the Maximum charge current function, you can limit the charge current value at which the high-voltage battery should be charged.

Before charging the high-voltage battery at a power socket, check the maximum permissible charge current for the relevant power socket or the building.

Only set the maximum permissible charge current using the function if:

- it is not possible to set the charge current on the charging cable
- the precise maximum permitted charge current can only be set via the on-board computer

Before charging the high-voltage battery at a wallbox or charging station, ensure that the charging current is not limited by the function. If charging at a wallbox or a charging station, select the maximum value.

Further information on charging the high-voltage battery and setting the charge current (PLUG-IN HYBRID vehicles) (\triangleright page 183).

- Press the or button on the steering wheel to select the Settings menu.
- ► Press the ▼ or ▲ button to select the Hybrid submenu.
- ► Confirm by pressing OK on the steering wheel.
- Press the v or button to select the Maximum charge current: function. You will see the selected setting.
- Press the OK button to save the setting. The maximum charge current values in the onboard computer may deviate from the charging cable values.

Further information on charging the high-voltage battery (PLUG-IN HYBRID vehicles) (> page 183).

Setting the departure time

You can use the "Set departure time" function to climatise the vehicle interior before departure. Further information on pre-entry climate control (> page 148).

If you recharge the high-voltage battery, the function also displays the charging prediction.

- ▶ Press the or button on the steering wheel to select the Settings menu.
- ▶ Press the ▼ or ▲ button to select the Hybrid submenu.
- ► Confirm by pressing OK on the steering wheel.
- ▶ Press the ▼ or ▲ button to select the Departure time: function. You will see the selected setting.
- ▶ To set no departure time: press the ▼ or button to select No preselection.
- ▶ Press OK to confirm. If you recharge the high-voltage battery, the multifunction display also shows the time when the high-voltage battery will be fully charged.

or

- ► To set a departure time: press ▼ or ▲ A, B or C to select the desired preset.
- ▶ Press OK to confirm the selection.
- ▶ Press \blacksquare or \blacksquare to set the hours.
- ▶ Press OK to confirm.
- ▶ Press \triangledown or \blacktriangle to set the minutes.
- ▶ Press OK to confirm.

If you recharge the high-voltage battery, the multifunction display shows the expected charge status of the high-voltage battery for the departure time set.

Further information on charging the high-voltage battery (PLUG-IN HYBRID vehicles) (⊳ page 183).

Instrument cluster submenu

Selecting the distance unit

The Display unit Speed-/odometer: function allows you to choose whether certain displays appear in kilometres or miles in the multifunction display.

- ▶ Press the or button on the steering wheel to select the **Settings** menu.
- ▶ Press the ▼ or ▲ button to select the Instrument cluster submenu.
- ▶ Press OK to confirm.
- ▶ Press the ▼ or ▲ button to select the Display unit Speed-/odometer function. You will see the selected setting: km or miles.
- ▶ Press the OK button to save the setting.

The selected unit of measurement for distance

- applies to the:
- digital speedometer in the Trip menu total distance recorder and the trip meter
- trip computer
- current consumption and the range
- navigation instructions in the Navi menu
- cruise control
- SPEEDTRONIC
- DISTRONIC PLUS
- ASSYST PLUS service interval display

Selecting permanent display

United Kingdom: this function is unavailable. The **Permanent display**: function allows you to choose whether the multifunction display always shows the outside temperature or the speed.

The speed display is inverse to your speedometer.

- ▶ Press the or button on the steering wheel to select the Settings menu.
- ▶ Press the ▼ or ▲ button to select the Instrument cluster submenu.
- ► Confirm by pressing OK on the steering wheel.
- ▶ Press the ▼ or ▲ button to select the Permanent display: function. The current setting, outside temperature or Dig. speedo [mph]:, appears.
- **To change the setting:** press **OK** again.

Light submenu

Setting the daytime driving lights

The Daytime driving lights function can only be switched on with the engine turned off.

- Press the or button on the steering wheel to select the Settings menu.
- ▶ Press the ▼ or ▲ button to select the Lights submenu.
- ▶ Press OK to confirm.
- ▶ Press the ▼ or ▲ button to select the Daytime driving lights function. If the Daytime driving lights function has been switched on, the cone of light and the * symbol in the multifunction display are shown in orange.
- ▶ Press the OK button to save the setting.

Further information on daytime driving lights (\triangleright page 122).

Switching the Intelligent Light System on/off

- Press the or button on the steering wheel to select the Settings menu.
- ▶ Press the ▼ or ▲ button to select the Lights submenu.
- ▶ Press OK to confirm.
- ▶ Press the OK button to save the setting.

When you switch the Intell. Light System function on, you activate the following functions:

- Motorway mode
- Active light function
- Cornering light function
- Extended range foglamps
- Off-road lights

If you set the dipped-beam headlamps for driving on the right/left, the multifunction display shows the Intell. Light System: system inoperative Inactive for left-side traffic or Intell. Light System: System inoperative Inactive for right-side traffic display message instead of the Intell. Light Systemfunction in the Lights submenu (▷ page 294). This display message will only appear if the setting for driving on the left/right is set opposite to your vehicle's country version.

Further information on the Intelligent Light System (\triangleright page 124).

Setting the dipped-beam headlamps for driving on the left/right

This function is only available in vehicles with the Intelligent Light System.

You can use this function to switch between symmetrical and asymmetrical dipped beam (\triangleright page 121).

- Press the or button on the steering wheel to select the Settings menu.
- ► Press the ▼ or ▲ button to select the Lights submenu.

- ▶ Press OK to confirm.
- Press the ▼ or ▲ button to select the Dipped beams Setting for: function. You will see the selected setting: Rightside traffic or Left-side traffic.
- Press the OK button to save the setting. If you change the setting, conversion does not take place until the next time the vehicle is stationary.

If you set the dipped-beam headlamps for driving on the right/left, then motorway mode and the extended range foglamps are unavailable. These are only deactivated if the setting for driving on the left/right is set opposite to your vehicle's country version.

A qualified specialist workshop can set the dipped-beam headlamps for driving on the left/ right.

Vehicle submenu

Setting permanent SPEEDTRONIC

- Press the or button on the steering wheel to select the Settings menu.
- ▶ Press the ▼ or ▲ button to select the Vehicle submenu.
- ▶ Press OK to confirm.
- Press or to select the Limit speed (winter tyres): function. You will see the current setting.
- ▶ Press OK to confirm.
- Press the ▼ or ▲ button to adjust permanent SPEEDTRONIC in increments of ten (240 km/h to 160 km/h). The Off setting switches permanent SPEEDTRONIC off.
- ▶ Press the OK button to store the entry.

For further information on permanent SPEED-TRONIC (\triangleright page 207).

Activating/deactivating the automatic locking feature

If you activate the Automatic door locks function, the vehicle is centrally locked above a speed of approximately 15 km/h.

- Press the or button on the steering wheel to select the Settings menu.
- ▶ Press the ▼ or ▲ button to select the Vehicle submenu.
- ▶ Press OK to confirm.

- ► Press the ▼ or ▲ button to select the Automatic door locks function. When the Automatic door locks function is activated, the vehicle doors are displayed in orange in the multifunction display.
- ▶ Press the OK button to save the setting.

For further information on the automatic locking feature; see (\triangleright page 92).

Activating/deactivating the acoustic locking confirmation

If you switch on the Acoustic Lock function, an acoustic signal sounds when you lock the vehicle.

- Press the or button on the steering wheel to select the Settings menu.
- ► Press the ▼ or ▲ button to select the Vehicle submenu.
- ▶ Press OK to confirm.
- Press the v or button to select the Acoustic Lock function.
 If the Acoustic Lock function is activated, the symbol in the multifunction display lights up orange.
- ▶ Press the OK button to save the setting.

Heating submenu

Auxiliary heating departure time

▲ DANGER

If the exhaust pipe is blocked or sufficient ventilation is not possible, toxic exhaust fumes can enter the vehicle, especially carbon monoxide. This is the case, e.g. in enclosed spaces, or if the vehicle is stuck in snow. There is a risk of fatal injuries.

You should switch off the auxiliary heating in enclosed spaces which do not have an extraction system, e.g. a garage. If the vehicle is stuck in snow and you must leave the auxiliary heating running, keep the exhaust pipe and the area around the vehicle clear of snow. To guarantee a sufficient supply of fresh air, open a window on the side of the vehicle away from the wind.

▲ WARNING

When the auxiliary heating is switched on, parts of the vehicle can become very hot.

Flammable materials such as leaves, grass or twigs may ignite if they come into contact with:

- hot parts of the exhaust system
- the exhaust gas itself

There is a risk of fire.

When the auxiliary heating is switched on, make sure that:

- no flammable materials come into contact with hot vehicle components
- the exhaust gas can escape from the exhaust pipe unhindered
- the exhaust gas does not come into contact with flammable materials.

• Operating the auxiliary heating/ventilation draws on the vehicle battery. After you have heated or ventilated the vehicle a maximum of two times, drive for a longer distance.

Only vehicles with auxiliary heating have this function.

In the Heating submenu, you can select a stored departure time or change a departure time.

The auxiliary heating timer function calculates the switch-on time according to the outside temperature so that the vehicle is preheated by the departure time. When the departure time is reached, the auxiliary heating continues to heat for a further five minutes and then switches off. The auxiliary heating adopts the THERMATIC or THERMOTRONIC temperature setting.

You can switch off the auxiliary heating by using the remote control or the auxiliary heating button on the centre console.

Switch the auxiliary heating on regularly once a month for about ten minutes.

Further information on auxiliary heating (> page 149).

Selecting the departure time or deactivating a selected departure time

- Press the or button on the steering wheel to select the Settings menu.
- ► Press the ▼ or ▲ button to select the Heating submenu.
- Press OK to confirm. You will see the selected setting.
- ▶ Press OK to confirm.
- Press the ▼ or ▲ button to select one of the three departure times or Timer off (no timer active).
- Press OK to confirm. If a departure time is selected, the yellow indicator lamp lights up on the auxiliary heating button.

Changing the departure time

- Press the or button on the steering wheel to select the Settings menu.
- ► Press the ▼ or ▲ button to select the Heating submenu.
- Press OK to confirm. You will see the selected setting.
- Press the v or button to select A, B or Change C.
- Press OK to confirm. You can now change the departure time.
- ▶ Press the or button to select the display to be changed: hours, minutes.
- ► Press the ▼ or ▲ button to set the selected display.
- Press the OK button to store the entry. The yellow indicator lamp on the auxiliary heating button lights up.

Convenience submenu

Activating/deactivating the EASY-ENTRY/EXIT feature

When the EASY-ENTRY/EXIT feature adjusts the steering wheel, you and other vehicle occupants – particularly children – could become trapped. There is a risk of injury. While the EASY-ENTRY/EXIT feature is making adjustments, make sure that no one has any body parts in the sweep of the steering wheel. If someone is trapped:

- press one of the memory function position buttons, or
- move the switch for steering wheel adjustment in the opposite direction to that in which the steering wheel is moving.

The adjustment process is stopped.

- Press the or button on the steering wheel to select the Settings menu.
- ► Press the ▼ or ▲ button to select the Convenience submenu.
- ▶ Press OK to confirm.
- ► Using ▼ or ▲, select the Easy Entry/ Exit function. If the Easy Entry/Exit function is activated, the vehicle steering wheel is displayed in orange in the multifunction display.
- ▶ Press the OK button to save the setting.

Further information on the EASY-ENTRY/EXIT feature (\triangleright page 116).

Switching belt adjustment on/off

- Press the or button on the steering wheel to select the Settings menu.
- ▶ Press the **▼** or **▲** button to select the Convenience submenu.
- ▶ Press OK to confirm.
- Press the v or button to select the Belt adjustment function. If the Belt adjustment function is activated, the vehicle seat belt is shown in orange in the multifunction display.
- ▶ Press the OK button to save the setting.

For further information on belt adjustment, see $(\triangleright$ page 47).

Switching the fold mirrors in when locking function on/off

This function is only available when the vehicle is equipped with the electrical fold-in function.

When you activate the Auto. fold-in mirrors function, the exterior mirrors are folded in when the vehicle is locked. The exterior mirrors fold out automatically again as soon as you unlock the vehicle.

- ▶ Press the or button on the steering wheel to select the Settings menu.
- ▶ Press the ▼ or ▲ button to select the Convenience submenu.
- ▶ Press OK to confirm.
- ▶ Press the ▼ or ▲ button to select the Auto, fold-in mirrors function. If the Auto. fold-in mirrors function is switched on, the multifunction display shows the exterior mirror in orange.
- ▶ Press the OK button to save the setting.



If you have switched on the Auto. fold-in mirrors function and you fold the exterior mirrors in using button (1), they will not fold out automatically (\triangleright page 118).

You can then only fold out the exterior mirrors using button (1).

Resetting to factory settings

- Press the or button on the steering wheel to select the Settings menu.
- ▶ Press the ▼ or ▲ button to select the Factory setting submenu.
- ▶ Press OK to confirm. The Reset all settings? message appears.
- ▶ Press the ▼ or ▲ button to select No or Yes.
- ▶ Press the OK button to confirm the selection.

If you have selected Yes, the multifunction display shows a confirmation message.

For safety reasons, not all functions are reset: the Limit speed (winter tyres): function in permanent SPEEDTRONIC can only be set in the Vehicle submenu.

For safety reasons, the Daytime driving lights function in the Lights submenu is only

ON&OFFROAD menu



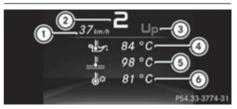
Press the or button on the steering wheel to select the ON&OFFROAD menu.

You can view the current settings of the off-road programs in the ON&OFFROAD menu.

- Vehicles with the Off-Road Engineering package (\triangleright page 254)
- Vehicles without the Off-Road Engineering package (\triangleright page 254)

AMG menu (Mercedes-AMG vehicles)

WARMUP



- (1) Digital speedometer
- (2) Gear indicator
- ③ Upshift indicator
- (4) Engine oil temperature
- (5) Coolant temperature
- (6) Transmission oil temperature
- ▶ Press the or button on the steering wheel to select the AMG menu. **Upshift indicator:** upshift indicator Up (3) indicates that the engine has reached the overrevving range when in the manual drive program.

Engine/transmission oil temperature: when the engine and transmission are at normal operating temperature, oil tempera-

reset if the engine is switched off.

ture ④ and ⑥ are displayed in white in the multifunction display.

If the multifunction display shows oil temperature ④ or ⑥ in blue, the engine or the transmission are not yet at normal operating temperature. Avoid using the full output of the engine during this time.

SETUP



- ① Engine mode (Comfort/Sport/Sport +)
- ② Suspension setting Comfort/Sport/ Sport +
- ③ Transmission position D/M
- ④ ESP[®] mode (ON/OFF)

SETUP displays the following information/functions:

- the digital speedometer
- the gear indicator
- the engine mode
- the suspension mode
- the transmission position
- the ESP® (Electronic Stability Program) mode
- Press the or button on the steering wheel to select the AMG menu.
- Press the button repeatedly until SETUP is displayed.

RACETIMER

Displaying and starting the RACETIMER

The RACETIMER is only intended for use on a closed race circuit. Do not use the function on public roads.



Lap RACETIMER

You can start the RACETIMER when the engine is running or if the key is in position **2** in the ignition lock.

- ▶ Press or on the steering wheel to select the AMG menu.
- ▶ Press the ▲ button repeatedly until the RACETIMER is shown.
- ► To start: press the OK button to start the RACETIMER.

Displaying the intermediate time



- ▶ Press the or button to select Interm. Time.
- Press OK to confirm. The intermediate time is displayed for five seconds.

Starting a new lap



- 1 RACETIMER
- Fastest lap time (best lap)
- ③ Lap
- ▶ Press OK to confirm New Lap.
- (1) A maximum of 16 laps may be stored. The 16th lap can only be completed with Finish Lap.

Stopping the RACETIMER



- Press the ____ button on the steering wheel.
- ► Confirm Yes with OK.

The RACETIMER interrupts timing if you stop the vehicle and turn the key to position 1 in the ignition lock. If you turn the key to position 3 and then press OK to confirm Start, timing is continued.

Resetting the current lap

- ► Stop the RACETIMER.
- ▶ Press or to select Reset Lap.
- ▶ Press OK to reset the lap time to "0".

Deleting all laps



If you switch off the engine, the RACETIMER is reset to "0" after 30 seconds. All laps are deleted.

You cannot delete individual stored laps. If you have stopped 16 laps, the current lap does not have to be reset.

- ▶ Reset the current lap.
- Press OK to confirm Reset.
 Reset Race Timer? appears in the multifunction display.
- ▶ Press ▼ to select Yes and confirm with OK.

All laps are deleted.

Overall evaluation



- ① RACETIMER overall evaluation
- Total time driven
- ③ Average speed
- (4) Distance covered
- (5) Maximum speed

This function is shown if you have stored at least one lap and stopped the RACETIMER.

- Press or on the steering wheel to select the AMG menu.
- Press the button repeatedly until the overall evaluation is shown.

Lap evaluation



- ① Lap
- Lap time
- (3) Average lap speed
- (4) Lap length
- (5) Top speed during lap

This function is only available if you have stored at least two laps and have stopped the RACE-TIMER.

- ▶ Press the or button on the steering wheel to select the AMG menu.
- Press the button repeatedly until the lap evaluation is shown.
 Each lap is shown in a separate submenu. The fastest lap is indicated by flashing symbol (1).
- ► Press the ▲ or ▼ button to select a different lap evaluation.

Display messages

Introduction General notes

Display messages appear in the multifunction display.

Display messages with graphic symbols are simplified in the Owner's Manual and may differ from the symbols in the multifunction display.

Please respond in accordance with the display messages and follow the additional notes in this Owner's Manual.

Certain display messages are accompanied by an audible warning tone or a continuous tone. When you stop and park the vehicle, please observe the notes on:

- HOLD function (▷ page 219)
- Parking (> page 191)

Hiding display messages

Press the OK or button on the steering wheel. The multifunction display fades the display message out.

High-priority display messages are shown by the multifunction display in red. Some high-priority display messages cannot be hidden.

The multifunction display shows these messages continuously until the causes for the messages have been remedied.

Message memory

The on-board computer saves certain display messages in the **message memory**. You can call up the display messages:

- ▶ Press or on the steering wheel to select the Serv. menu.
- If there are display messages, the multifunction display shows 2 messages, for example.
- ▶ Press the \land or \lor button to select the entry, e.g. 2 messages.
- ▶ Press OK to confirm.
- ▶ Press the ▲ or ▼ button to scroll through the display messages.

When the ignition is switched off, all display messages are deleted apart from some high-priority display messages. Once the causes of the high-priority display messages have been rectified, these display messages are deleted as well.

Safaty	systems
Salety	systems

Display messages



ble See Owner's Manual

Possible causes/consequences and ► Solutions

ABS (Anti-lock Brake System), BAS (Brake Assist), ESP[®] (Electronic Stability Program), ESP[®] trailer stabilisation, PRE-SAFE[®], the HOLD function, hill start assist, Crosswind Assist, STEER CONTROL, Active Lane Keeping Assist and Active Blind Spot Assist are temporarily unavailable.

Adaptive brake lights, COLLISION PREVENTION ASSIST PLUS, BAS PLUS with Cross-Traffic Assist, PRE-SAFE[®] PLUS and PRE-SAFE[®] Brake may also have failed.

In addition, the [n], [n] and [m] warning lamps light up in the instrument cluster.

ATTENTION ASSIST is deactivated.

Possible causes:

- self-diagnosis is not yet complete
- the on-board voltage may be insufficient

MARNING

The brake system continues to function normally, but without the functions listed above. The wheels could therefore lock if you brake hard, for example.

The steerability and braking characteristics may be severely affected. The braking distance may increase in an emergency braking situation.

If $\mathsf{ESP}^{\texttt{R}}$ is not operational, $\mathsf{ESP}^{\texttt{R}}$ is unable to stabilise the vehicle.

There is an increased danger of skidding and risk of an accident.

 Carefully drive on a suitable stretch of road, making slight steering movements at a speed above 20 km/h.
 If the display message disappears, the functions mentioned above are available again.

If the multifunction display still shows the display message:

- ▶ Drive on carefully.
- ► Consult a qualified specialist workshop immediately.



ABS, BAS, ESP[®], ESP[®] trailer stabilisation, PRE-SAFE[®], the HOLD function, hill start assist, Crosswind Assist, STEER CONTROL, Active Lane Keeping Assist and Active Blind Spot Assist are unavailable due to a malfunction.

Adaptive brake lights, COLLISION PREVENTION ASSIST PLUS, BAS PLUS with Cross-Traffic Assist, PRE-SAFE[®] PLUS and PRE-SAFE[®] Brake may also have failed.

In addition, the (m), (m), (m), (m) and (m) warning lamps light up in the instrument cluster.

ATTENTION ASSIST is deactivated.

≜ WARNING

The brake system continues to function normally, but without the functions listed above. The wheels could therefore lock if you brake hard, for example.

Display messages	Possible causes/consequences and ► Solutions
	 The steerability and braking characteristics may be severely affected. The braking distance may increase in an emergency braking situation. If ESP[®] is not operational, ESP[®] is unable to stabilise the vehicle. There is an increased danger of skidding and risk of an accident. Drive on carefully. Consult a qualified specialist workshop immediately.
currently unavaila- ble See Owner's Man- ual	ESP [®] , ESP [®] trailer stabilisation, BAS, PRE-SAFE [®] , the HOLD function, hill start assist, Crosswind Assist, STEER CONTROL, Active Lane Keeping Assist and Active Blind Spot Assist are unavailable due to a malfunction.
	Adaptive brake lights, COLLISION PREVENTION ASSIST PLUS, BAS PLUS with Cross-Traffic Assist, PRE-SAFE® PLUS and PRE-SAFE® Brake may also have failed.
	In addition, the 📻 and 👼 warning lamps light up in the instru- ment cluster.
	The self-diagnosis function, for example, may not be complete. ATTENTION ASSIST is deactivated.
	MARNING
	The brake system continues to function normally, but without the functions listed above. The wheels could therefore lock if you brake hard, for example.
	The braking distance may thus increase in an emergency braking sit- uation.
	If ESP^\circledast is not operational, ESP^\circledast is unable to stabilise the vehicle.
	There is an increased danger of skidding and risk of an accident.
	 Carefully drive on a suitable stretch of road, making slight steering movements at a speed above 20 km/h. If the display message disappears, the functions mentioned above are available again.
	If the multifunction display still shows the display message:
	► Drive on carefully.
	 Consult a qualified specialist workshop immediately.

Display messages	Possible causes/con
inoperative See Own- er's Manual	ESP [®] , ESP [®] trailer stat hill start assist, Crossw Keeping Assist and Act malfunction. The adaptive brake ligh BAS PLUS with Cross- have failed. In addition, the 📻 a ment cluster. ATTENTION ASSIST is
EBD () inoperative See Own- er's Manual	EBD (electronic brake f bilisation, BAS, PRE-SA wind Assist, STEER CO Blind Spot Assist are u Adaptive brake lights, o PLUS with Cross-Traffi Brake may also have fa In addition, the , , , , instrument cluster and ATTENTION ASSIST is o WARNING The brake system cont functions listed above. hard, for example. The steerability and bra

sequences and Solutions

pilisation. BAS. PRE-SAFE[®], the HOLD function. vind Assist, STEER CONTROL, Active Lane tive Blind Spot Assist are unavailable due to a

nts, COLLISION PREVENTION ASSIST PLUS, Traffic Assist and PRE-SAFE[®] Brake may also

nd [🚋] warning lamps light up in the instru-

deactivated.

inues to function normally, but without the The wheels could therefore lock if you brake

nay thus increase in an emergency braking sit-

nal, ESP[®] is unable to stabilise the vehicle.

danger of skidding and risk of an accident.

pecialist workshop immediately.

orce distribution), ABS, ESP[®], ESP[®] trailer sta-FE[®], the HOLD function, hill start assist. Cross-NTROL, Active Lane Keeping Assist and Active navailable due to a malfunction.

COLLISION PREVENTION ASSIST PLUS. BAS c Assist, PRE-SAFE[®] PLUS and PRE-SAFE[®] ailed.

and warning lamps light up in the a warning tone sounds.

deactivated.

inues to function normally, but without the The wheels could therefore lock if you brake

aking characteristics may be severely affected. The braking distance may increase in an emergency braking situation.

If ESP[®] is not operational, ESP[®] is unable to stabilise the vehicle.

There is an increased danger of skidding and risk of an accident.

- ▶ Drive on carefully.
- Consult a qualified specialist workshop immediately.

Display messages	Possible causes/consequences and ▶ Solutions
Turn on the igni- tion to release the parking brake	 The red () indicator lamp lights up. You attempted to release the electric parking brake while the ignition was switched off. Key: turn the key to position 1 in the ignition lock. KEYLESS-GO: switch on the ignition.
Release parking brake	 The red () indicator lamp flashes and a warning tone sounds. A condition for automatic release of the electric parking brake is not fulfilled (▷ page 192). You are driving with the electric parking brake applied. ▶ Release the electric parking brake manually.
	The red \fbox indicator lamp flashes and a warning tone sounds. You are making an emergency stop using the electric parking brake (\triangleright page 192).
Parking brake See Owner's Manual	 The yellow () warning lamp lights up. The electric parking brake is malfunctioning. To apply: Switch the ignition off. Press the electric parking brake lever for at least ten seconds. Shift the transmission to position P. Consult a qualified specialist workshop.
	 The yellow () warning lamp and the red () indicator lamp are lit. The electric parking brake is malfunctioning. To release: Switch off the ignition and turn it back on. Release the electric parking brake manually. or Release the electric parking brake automatically (▷ page 192). If the electric parking brake still cannot be released: Do not drive on. Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions	S
	The red () indicator lamp flashes and the yellow () warning lamp is lit.	On-board computer and displays
	The electric parking brake is malfunctioning.	
	To release:	σ
	Switch off the ignition and turn it back on.	an
	Release the electric parking brake manually.	e
	To apply:	f
	Switch off the ignition and turn it back on.	dr
	Apply the electric parking brake manually.	ŏ
	If the red () indicator lamp continues to flash:	р Т
	Do not drive on.	ar
	 Safeguard the vehicle against rolling away (▷ page 414). Shift the transmission to position P. 	Å
	 Turn the front wheels towards the kerb. 	, r
	 Consult a qualified specialist workshop. 	
	The yellow () warning lamp lights up. The red () indicator lamp	
	flashes for about ten seconds after the electric parking brake has been	
	applied or released. It then goes out or remains lit.	
	The electric parking brake is malfunctioning.	
	 Switch off the ignition and turn it back on. Apply the electric parking brake. 	
	If it is not possible to apply the electric parking brake:	
	 Shift the transmission to position P. 	
	 Consult a qualified specialist workshop. 	
	If it is not possible to release the electric parking brake:	
	 Release the electric parking brake automatically (> page 192). 	
	If the electric parking brake still cannot be released:	
	Consult a qualified specialist workshop.	
	The yellow () warning lamp lights up. If you manually apply or release the electric parking brake, the red () indicator lamp flashes.	
	The electric parking brake is malfunctioning. It is not possible to apply the electric parking brake manually.	
	► Shift the transmission to position P .	
	Consult a qualified specialist workshop.	

Display messages	Possible causes/consequences and ► Solutions
Parking brake inop- erative	 The yellow () warning lamp lights up. The red () indicator lamp flashes for about ten seconds after the electric parking brake has been applied or released. It then goes out or remains lit. The electric parking brake is malfunctioning, e.g. because of overvoltage or undervoltage. Rectify the cause of the overvoltage or undervoltage, e.g. by charging the battery or restarting the engine. Apply or release the electric parking brake. If the electric parking brake still cannot be applied or released: Switch off the ignition and turn it back on. Apply or release the electric parking brake. If the electric parking brake still cannot be released: Consult a qualified specialist workshop. If it is still not possible to apply the electric parking brake: Consult a qualified specialist workshop. The yellow () warning lamp lights up and the red () indicator lamp flashes. It is not possible to apply the electric parking brake manually. Shift the transmission to position P.
Check brake fluid level	 Consult a qualified specialist workshop. There is insufficient brake fluid in the brake fluid reservoir. In addition, the ① warning lamp in the instrument cluster lights up and a warning tone sounds. ▲ WARNING Braking efficiency may be impaired. There is a risk of an accident. Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. Safeguard the vehicle against rolling away (▷ page 191). Consult a qualified specialist workshop. Do not top up the brake fluid. This does not correct the fault.
Check brake pad wear	The brake pads/linings have reached their wear limit.▶ Consult a qualified specialist workshop.
SOS Inoperative	One or more main features of the Mercedes-Benz Contact system are malfunctioning.▶ Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and Solutions
Collision Preven- tion Assist Plus currently unavaila-	COLLISION PREVENTION ASSIST PLUS is temporarily inoperative. Possible causes: • the radar sensor system is temporarily inoperative, e.g. due to elec-
ble See Öwner's Man- ual	 the radial sensor system is temporarily inoperative, e.g. due to electromagnetic radiation emitted by nearby TV or radio stations or other sources of electromagnetic radiation the system is outside the operating temperature range
	• The on-board voltage is too low.
	Once the causes listed above no longer apply, the display message goes out. COLLISION PREVENTION ASSIST PLUS is operational again.
	If the display message does not disappear:
	 Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.
	 ▶ Safeguard the vehicle against rolling away (▷ page 191). ▶ Restart the engine.
Collision Preven- tion Assist Plus	COLLISION PREVENTION ASSIST PLUS is temporarily inoperative due to a malfunction. Adaptive Brake Assist may also have failed.
inoperative	 Consult a qualified specialist workshop immediately.
PRE-SAFE inopera- tive see Owner's	Important functions of PRE-SAFE [®] have failed. All other occupant safety systems, e.g. airbags, remain available.
Manual	 Consult a qualified specialist workshop immediately.
PRE-SAFE Functions currently limited	PRE-SAFE [®] PLUS or PRE-SAFE [®] Brake is temporarily inoperative. Possible causes:
See Owner's Manual	• the function is impaired due to heavy rain or snow
	 the radar sensor system is temporarily inoperative, e.g. due to elec- tromagnetic radiation emitted by nearby TV or radio stations or other sources of electromagnetic radiation
	Mercedes-AMG vehicles: ESP [®] is deactivated
	 the system is outside the operating temperature range The on-board voltage is too low.
	Once the causes listed above no longer apply, the display message goes out.
	PRE-SAFE [®] PLUS and PRE-SAFE [®] Brake are operational again. If the display message does not disappear:
	 Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.
	 ▶ Safeguard the vehicle against rolling away (▷ page 191). ▶ Restart the engine.
	► Mercedes-AMG vehicles: reactivate ESP [®] (▷ page 77).

Display messages	Possible causes/consequences and Solutions
PRE-SAFE Functions limited See Owner's Manual	 PRE-SAFE[®] PLUS or PRE-SAFE[®] Brake is unavailable due to a malfunction. BAS PLUS with Cross-Traffic Assist may also have failed. Consult a qualified specialist workshop immediately.
Radar sensors dirty See Owner's Manual	 At least one of the following driving systems or driving safety systems is temporarily restricted or inoperative: PRE-SAFE® PLUS PRE-SAFE® Brake COLLISION PREVENTION ASSIST PLUS DISTRONIC PLUS with Steering Assist and Stop&Go Pilot Active Lane Keeping Assist Active Blind Spot Assist If the radar sensor system in front is dirty, Active Blind Spot Assist will not perform a course-correcting brake application. Possible causes: the sensors in the radiator trim and/or in the bumpers are dirty the function of the driving system and/or driving safety system is impaired due to heavy rain or snow A warning tone also sounds. Once the causes listed above no longer apply, the display message goes out. All driving systems and driving safety systems are operational again. If the display message does not disappear: Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Safeguard the vehicle against rolling away (▷ page 191). Switch off the engine. Clean the sensors (▷ page 382) in the following locations: in the radiator trim in the front bumper in the rear bumper, particularly in the middle of the rear bumper
4	Mercedes-AMG vehicles only: If this symbol appears in the multifunction display, a seat belt tongue has been inserted into a rear seat belt buckle. Further information on the status indicator for the rear seat belts (\triangleright page 48).

Display messages	Possible causes/consequences and Solutions
	Mercedes-AMG vehicles only: If this symbol appears in the multifunction display, a seat belt tongue has not been inserted in a rear seat belt buckle.
	<u>∧</u> WARNING
	A seat belt which is not worn correctly, or which has not been engaged in the seat belt buckle correctly, cannot provide the intended level of protection.
	This poses an increased risk of injury.
	► If necessary, ask the occupants in the rear to fasten their seat belts (▷ page 47).
	Further information on the status indicator for the rear seat belts (\triangleright page 48).
Restraint sys. mal- function Consult	The restraint system is faulty. The restraint system is faulty.
workshop	 The airbags or belt tensioners may either be triggered unintentionally or, in the event of an accident, may not be triggered. This poses an increased risk of injury. ▶ Consult a qualified specialist workshop immediately. For further information about the restraint system, see (▷ page 43).
Front left malfunc- tion Consult work- shoporFront right malfunction Consult workshop	 The restraint system has malfunctioned at the front on the left or right. The restraint system has malfunctioned at the front on the left or right. The restraint system has malfunctioned at the front on the left or right. WARNING The airbags or belt tensioners may either be triggered unintentionally or, in the event of an accident, may not be triggered. This poses an increased risk of injury. Consult a qualified specialist workshop immediately.
Rear left malfunc- tion Consult work- shop or Rear right malfunction Consult workshop	 The restraint system has malfunctioned at the rear on the left or right. The

Display messages	Possible causes/consequences and ► Solutions
Rear centre malfunc- tion Consult work- shop	 The restraint system has malfunctioned at the rear centre. The marning lamp also lights up in the instrument cluster. ▲ WARNING The airbags or belt tensioners may either be triggered unintentionally or, in the event of an accident, may not be triggered. This poses an increased risk of injury. Consult a qualified specialist workshop immediately.
Left windowbag mal- function Consult workshoporRight windowbag malfunc- tion Consult work- shop	 The left or right windowbag is malfunctioning. The warning lamp also lights up in the instrument cluster. WARNING The left or right windowbag may either be triggered unintentionally or, in the event of an accident, may not be triggered. This poses an increased risk of injury. Consult a qualified specialist workshop immediately.

On-board computer and displays

Display messages	Possible causes/consequences and Solutions
Front-passenger airbag disabled See Owner's Manual	 The front-passenger front airbag is disabled during the journey although: an adult or a person of the corresponding stature is on the front-passenger seat If additional forces are applied to the seat, the weight the system detects may be too low.
	WARNING
	 The front-passenger front airbag does not deploy during an accident. This poses an increased risk of injury. Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Safeguard the vehicle against rolling away (▷ page 191). Switch the ignition off. Have the occupant on the front-passenger seat step out of the vehicle. Make sure that the seat is unoccupied, close the front-passenger door and switch on the ignition. Observe the PASSENGER AIR BAG indicator lamps in the centre console and the multifunction display and check the following: Seat unoccupied and ignition switched on: a self-diagnosis is carried out. The PASSENGER AIR BAG OFF and PASSENGER AIR BAG ON indicator lamps must light up simultaneously for approximately six seconds the PASSENGER AIR BAG OFF indicator lamp must then light up and remain lit after the self-diagnosis. If the indicator lamp is on,
	 the automatic front-passenger front airbag deactivation system has disabled the front-passenger front airbag (▷ page 51) the Front-passenger airbag enabled See Owner's Manual or Front-passenger airbag disabled See Owner's Manual display messages must not be shown in the multifunction display Wait for a period of at least 60 seconds until the necessary system checks have been completed. Make sure that the display messages do not appear in the multifunction display.
	If these conditions are met, the front-passenger seat can be occupied again. Whether the PASSENGER AIR BAG OFF or ON indicator lamp remains lit or goes out depends on how the automatic front-passenger front airbag deactivation system classifies the occupant. If the conditions are not met, the system is not operating correctly. Consult a qualified specialist workshop immediately.
	Further information on the automatic front-passenger front airbag

Further information on the automatic front-passenger front airbag deactivation feature (\rhd page 51).

On-board computer and displays

	Display messages	Possible causes/consequences and ► Solutions
	Front-passenger airbag enabled See	The front-passenger front airbag is enabled during the journey although:
	Owner's Manual	 a child, a small adult or an object weighing less than the system weight threshold is located on the front-passenger seat or
		 the front-passenger seat is not occupied
		The system may detect objects or forces that are adding to the weight applied to the seat.
		<u>∧</u> WARNING
		The airbag may deploy unintentionally.
		This poses an increased risk of injury.
		Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.
		 ▶ Safeguard the vehicle against rolling away (▷ page 191). ▶ Switch the ignition off.
		► Open the front-passenger door.
		Remove the child and the child restraint system from the front- passenger seat.
		Make sure there are no objects applying additional force to the seat. The system may otherwise detect the additional force and interpret the seat occupant's weight as greater than it actually is.
		Make sure that the seat is unoccupied, close the front-passenger door and switch on the ignition.
		Observe the PASSENGER AIR BAG indicator lamps in the centre console and the multifunction display and check the following:
		Seat unoccupied and ignition switched on:
		 a self-diagnosis is carried out. The PASSENGER AIR BAG OFF and PASSENGER AIR BAG ON indicator lamps must light up simulta- neously for approximately six seconds
		• the PASSENGER AIR BAG OFF indicator lamp must then light up and remain lit after the self-diagnosis. If the indicator lamp is on, the automatic front-passenger front airbag deactivation system has disabled the front-passenger front airbag (▷ page 51)
		 the Front-passenger airbag enabled See Owner's Manual or Front-passenger airbag disabled See Owner's Manual display messages must not be shown in the multifunction display
		► Wait for a period of at least 60 seconds until the necessary system checks have been completed.
		Make sure that the display messages do not appear in the multi- function display.
		If these conditions are met, the front-passenger seat can be occupied again. Whether the PASSENGER AIR BAG OFF or ON indicator lamp remains lit or goes out depends on how the automatic front-passenger front airbag deactivation system classifies the occupant.
		If the conditions are not met, the system is not operating correctly.

► Consult a qualified specialist workshop immediately.

Display messages	Possible causes/consequences and Solutions
	Further information on the automatic front-passenger front airbag deactivation feature (\triangleright page 51).

Lights

() Vehicles with LED light bulbs in the light clusters:

The display message for the corresponding lamp only appears when all the LEDs in the lamp have failed.

Display messages	Possible causes/consequences and ► Solutions
Left cornering light or Right cor- nering light	The left or right-hand cornering light is faulty.▶ Consult a qualified specialist workshop.
-次 Left dipped beam or Right dipped beam	 The left or right-hand dipped-beam headlamp is faulty. ► Halogen headlamp: replace the bulb (▷ page 128). ► LED headlamps: consult a qualified specialist workshop.
Trailer left tail lamp or Trailer right tail lamp	The left or right-hand trailer tail lamp is faulty.▶ Consult the manufacturer's operating instructions.
Trailer left indica- tor or Trailer right indicator	The left or right-hand trailer turn signal lamp is faulty.▶ Consult the manufacturer's operating instructions.
· . Trailer brake lamp	The trailer brake lamp is faulty.▶ Consult the manufacturer's operating instructions.
Rear left indicator or Rear right indi- cator	The rear left-hand or rear right-hand turn signal is faulty.▶ Consult a qualified specialist workshop.
· 한 Front left indica- tor or Front right indicator	 The front left-hand or front right-hand turn signal is faulty. ► Halogen headlamp: replace the bulb (▷ page 128). ► LED headlamps: consult a qualified specialist workshop.
Left mirror indica- tor or Right mirror indicator	The turn signal in the left-hand or right-hand exterior mirror is faulty.▶ Consult a qualified specialist workshop.

314 Display messages

Display messages	Possible causes/consequences and ► Solutions
Third brake lamp	The third brake lamp is faulty.▶ Consult a qualified specialist workshop.
관 Left brake lamp or Right brake lamp	The left or right-hand brake lamp is faulty.▶ Consult a qualified specialist workshop.
Left-hand tail lamp/ brake lamp or Right- hand tail lamp/ brake lamp	 The left or right-hand tail lamp/brake lamp is faulty. ▶ Consult a qualified specialist workshop.
Left main beam or Right main beam	 The left or right-hand main-beam headlamp is faulty. ► Halogen headlamp: replace the bulb (▷ page 128). ► LED headlamps: consult a qualified specialist workshop.
Number plate lamp	The left or right-hand licence plate lamp is faulty.▶ Consult a qualified specialist workshop.
 Rear foglamp	The rear foglamp is faulty.▶ Consult a qualified specialist workshop.
Front left parking lamp or Front right parking lamp	The front left or front right parking lamp is faulty.▶ Consult a qualified specialist workshop.
-ऴू- Reversing light	The reversing lamp is faulty.▶ Consult a qualified specialist workshop.
Left tail lamp or Right tail lamp	 The left or right-hand tail lamp is faulty. or The rear left-hand or rear right-hand side marker lamp is faulty. ▶ Consult a qualified specialist workshop.
Left daytime driv- ing lamp or Right daytime driving lamp	The left or right-hand daytime driving lamp is faulty.▶ Consult a qualified specialist workshop.
· . Intell. Light Sys- tem inoperative	The Intelligent Light System is faulty. The lights remain available without the Intelligent Light System.▶ Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and Solutions
·핫 Malfunction See Own- er's Manual	The exterior lighting is faulty.▶ Consult a qualified specialist workshop.
	 Vehicles with trailer tow hitch: a fuse may have blown. Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Secure the vehicle against rolling away (▷ page 191). Check the fuses (▷ page 402). If necessary, replace the blown fuse. Observe the warning notes as you do so.
	If the multifunction display still shows the display message:Consult a qualified specialist workshop.
· 예 Malfunction See Own- er's Manual	The exterior lighting is faulty.▶ Consult a qualified specialist workshop.
AUTO lights inoper- ative	The light sensor is faulty.▶ Consult a qualified specialist workshop.
्र्के Switch off lights	You leave the vehicle and the lights are switched on. A warning tone also sounds. ► Turn the light switch to the Auto position.
· . Switch on headlamps	You are driving without dipped-beam headlamps. ► Turn the light switch to the 🗊 or Auro position.
Adaptive Highbeam Assist Plus cur- rently unavailable See Owner's Manual	 Adaptive Highbeam Assist Plus is deactivated and temporarily inoperative. Possible causes: the windscreen is dirty in the camera's field of vision visibility is impaired due to heavy rain, snow or fog Clean the windscreen. If the system detects that the camera is fully operational again, the Adaptive Highbeam Assist Plus available again message is displayed. Adaptive Highbeam Assist Plus is operational again.
Adaptive Highbeam Assist Plus inoper- ative	Adaptive Highbeam Assist Plus is faulty.▶ Consult a qualified specialist workshop.

Engine	
Display messages	Possible causes/consequences and ► Solutions
Top up coolant See Owner's Manual	 The coolant level is too low. ▲ Avoid making long journeys with too little coolant in the engine cooling system. The engine will otherwise be damaged. ▶ Top up the coolant, observing the warning notes before doing so (▷ page 376). If you have to top up the coolant frequently: ▶ Contact a qualified specialist workshop and have the engine cooling system checked.
	 The fan motor is faulty. If the coolant temperature is below 120 °C, you can continue driving to the nearest qualified specialist workshop. Avoid heavy loads on the engine as you do so, e.g. driving in mountainous terrain and stop-start traffic.
Coolant Stop vehi- cle Switch engine off	 The coolant is too hot. A warning tone also sounds.

Display messages	Possible causes/consequences and Solutions
See Owner's Manual	 The battery is not being charged. A warning tone also sounds. Possible causes: faulty alternator defective power electronics (PLUG-IN HYBRID vehicles) torn poly-V-belt a malfunction in the electronics Do not continue driving. The engine could otherwise overheat. Stop the vehicle immediately, paying attention to road and traffic conditions, and switch off the engine. Safeguard the vehicle against rolling away (▷ page 191). Consult a qualified specialist workshop.
Stop vehicle See Owner's Manual	 The battery is no longer being charged and the battery charge level is too low. A warning tone also sounds. Stop the vehicle immediately, paying attention to road and traffic conditions, and switch off the engine. Safeguard the vehicle against rolling away (▷ page 191). Observe the instructions in the See Owner's Manual display message. Consult a qualified specialist workshop.
Check eng. oil lev. when next refuelling	 The engine oil level has dropped to the minimum level. A warning tone also sounds. Avoid long journeys when there is too little coolant in the cooling system. Otherwise the engine will be damaged. Check the oil level when next refuelling, at the latest (▷ page 375). If necessary, top up the engine oil (▷ page 375). If you have to top up the engine oil frequently: Contact a qualified specialist workshop and have the engine checked. Information on approved engine oils can be obtained from any qualified specialist workshop or on the Internet at http://bevo.mercedes-

Display messages	Possible causes/consequences and ► Solutions
9 <u>-</u> 7;	Mercedes-AMG vehicles: the engine oil level is too low.
Add 1 litre engine oil when next refu- elling	Avoid long journeys when there is too little coolant in the cooling system. Otherwise the engine will be damaged.
	 ▶ Check the oil level when next refuelling, at the latest (▷ page 375). ▶ If necessary, top up the engine oil (▷ page 375).
	If you have to top up the engine oil frequently:
	 Contact a qualified specialist workshop and have the engine checked.
	Information on approved engine oils can be obtained from any quali- fied specialist workshop or on the Internet at http://bevo.mercedes- benz.com.
97	Mercedes-AMG vehicles: the engine oil level is too low.
Engine oil level Stop vehicle Switch engine off	 There is a risk of engine damage. Stop the vehicle immediately, paying attention to road and traffic conditions, and switch off the engine. Safeguard the vehicle against rolling away (▷ page 191). Check the engine oil level (▷ page 375). If necessary, top up the engine oil (▷ page 375).
	The fuel level has dropped into the reserve range.
Reserve fuel level	Operation of the auxiliary heating is deactivated if the fuel level drops into the reserve range.Refuel at the nearest filling station.
	There is very little fuel in the fuel tank.
	The auxiliary heating cannot be operated.Refuel at the nearest filling station without fail.
Replace air cleaner element	Vehicles with a diesel engine: the engine air filter is dirty and must be replaced.Consult a qualified specialist workshop.
Clean the fuel fil- ter	 Vehicles with a diesel engine: there is water in the fuel filter. The water must be drained off. Consult a qualified specialist workshop.
Refill AdBlue See Owner's Manual	 The AdBlue[®] level has fallen below the reserve range. A warning tone also sounds. Have AdBlue[®] refilled as soon as possible at a qualified specialist workshop. or Add at least 3.8 I of AdBlue[®] immediately (▷ page 180).
	Auu at least 5.01 01 Audiue Inniheulately (12 page 100).

Display messages	Possible causes/consequences and ► Solutions
Refill AdBlue No start in km	 The AdBlue[®] level is only sufficient for the indicated distance. A warning tone also sounds. Have AdBlue[®] refilled as soon as possible at a qualified specialist workshop. or Add at least 3.8 l of AdBlue[®] immediately (▷ page 180).
Refill AdBlue No start in km	 The AdBlue[®] level is only sufficient for the indicated distance. A warning tone also sounds. Have AdBlue[®] refilled as soon as possible at a qualified specialist workshop. or Add at least 3.8 l of AdBlue[®] immediately (▷ page 180).
Refill AdBlue Eng. start not possible	 The AdBlue[®] tank is empty. A warning tone also sounds. You can no longer start the engine. Consult a qualified specialist workshop immediately. or Add at least 3.8 l of AdBlue[®] immediately (▷ page 180).
Check AdBlue See Owner's Manual	 The AdBlue[®] system is malfunctioning. A warning tone also sounds. Consult a qualified specialist workshop.
Eng. start not pos- sible inkm	 The AdBlue[®] system is malfunctioning. A warning tone also sounds. ▶ Consult a qualified specialist workshop immediately.
Eng. start not pos- sible	 The AdBlue[®] system is malfunctioning. A warning tone also sounds. You can no longer start the engine. ▶ Consult a qualified specialist workshop immediately.

Hybrid drive system	
Display messages	Possible causes/consequences and ► Solutions
Vehicle is opera- tional Switch off the ignition before exiting	 PLUG-IN HYBRID vehicles: You are exiting the vehicle when it is in a ready-to-drive state. The READY indicator in the multifunction display is on. A warning tone also sounds. If you leave the vehicle: ▶ Safeguard the vehicle against rolling away (▷ page 191). ▶ Suitab off the invities and serves the leave
	 Switch off the ignition and remove the key. If you do not leave the vehicle:
	 Switch off the electrical consumers, e.g. automatic climate control, seat heating.
	Please note the following: the electrical consumers are supplied by the 12 V battery. If the vehicle is left in a ready-to-drive state for an exten- ded period, it will switch off once the 12 V battery is almost empty. It will then only be possible to start the vehicle using a second battery (jump-starting).
Change the current drive program before changing the operating modeorExit manual drive program M before changing the operating mode	 PLUG-IN HYBRID vehicles: You have attempted to change the operating mode when in automatic drive program Sport, Individual (with activated Sport characteristics) or manual drive program M. Select the Comfort, Slippery or Individual (with activated Comfort or Eco characteristics) drive program (▷ page 166). Select the preferred operating mode HYBRID, E-MODE, E-SAVE or CHARGE (▷ page 262).
E-MODE currently unavailable	 PLUG-IN HYBRID vehicles: The charge level of the high-voltage battery has reached the lower limit and the operating mode E-MODE has been switched off. Driving with the internal combustion engine is activated and the operating mode switches to the basic HYBRID setting. ▶ Drive on using the internal combustion engine. If necessary, you can change to the E-SAVE or CHARGE operating mode (▷ page 262). If you select the CHARGE operating mode, the high-voltage battery is charged. When the charge level display of the high-voltage battery has risen a little, you can change back to the E-MODE operating mode.

On-board computer and displays

Display messages	Possible causes/consequences and Solutions
Only E-MODE availa- ble Power limited Refuel immediately	 PLUG-IN HYBRID vehicles: The fuel tank has been run dry and the combustion engine has been switched off. A warning tone also sounds. The vehicle will be powered by electrical energy only. Performance is restricted and the vehicle may accelerate more slowly than normal. ▶ Refuel at the nearest filling station without fail. In the "Total range and electric range" menu, you can display the approximate range of the vehicle (> page 266).
Without starting engine again, con- sult workshop	 You cannot restart the engine due to a malfunction. A warning tone also sounds. If the engine is running: Consult a qualified specialist workshop. If you switch off the engine: Safeguard the vehicle against rolling away (▷ page 191). Consult a qualified specialist workshop.
Towing not permit- ted See Owner's Man- ual	 The hybrid drive system is faulty. Have the vehicle transported on a transporter or trailer to the nearest qualified specialist workshop.
Malfunction Visit workshop	The hybrid drive system is faulty.▶ Consult a qualified specialist workshop.
Malfunction	 The hybrid drive system is faulty. Have the vehicle towed away by a professional recovery company to the nearest qualified specialist workshop.
Malfunction	 The drive system is malfunctioning. The ECO start/stop function may be malfunctioning. The drive power is restricted. ▶ Consult a qualified specialist workshop.
Charger cable con- nected	 PLUG-IN HYBRID vehicles: The charging cable connector is connected to the vehicle socket. As long as the charging cable connector is connected, you cannot drive away. Before you drive away: ▶ Remove the charging cable connector from the vehicle socket (▷ page 188).

Driving systems		
Display messages	Possible causes/consequences and ► Solutions	
Attention Assist: Take a break!	 Based on certain criteria, ATTENTION ASSIST has detected fatigue or a lack of concentration on the part of the driver. A warning tone also sounds. ► If necessary, take a break. During long journeys, take regular breaks in good time so that you get enough rest. 	
Attention Assist inoperative	ATTENTION ASSIST is inoperative.Consult a qualified specialist workshop.	
Please reduce speed	 You cannot change the vehicle level. Possible causes: You are driving too fast for the selected vehicle level. You are driving too fast with a trailer or the trailer-coupling socket is being used, e.g. for a bicycle rack. Drive more slowly and then select the desired vehicle level again: Vehicles with the Off-Road Engineering package (▷ page 216) Vehicles with the AIRMATIC package (▷ page 222) Observe the notes on towing a trailer (▷ page 273). 	
Compressor is cool- ing	 You have selected a higher vehicle level. The compressor first needs to cool down because of frequent level changes. Drive in a manner appropriate for the current vehicle level. Make sure that there is sufficient ground clearance. Allow the compressor to cool down. When the compressor has cooled down, the display message disappears. The vehicle then continues rising to the selected level. 	
Malfunction	 AIRMATIC is faulty. Drive as appropriate for the current vehicle level, but do not exceed 80 km/h. Make sure that there is sufficient ground clearance. Consult a qualified specialist workshop. 	

Display messages	Possible causes/consequences and ► Solutions
Max. speed 20 km/h	You are exceeding the speed permissible for the selected off-road level. In addition, the vehicle level display appears above the display mes-
	sage and a warning tone sounds.
	The vehicle could tip and overturn. There is a risk of an accident.
	 Adjust your driving style to the altered handling characteristics. Only make slight steering movements and avoid fast steering movements.
	Do not exceed 20 km/h until the vehicle has reached off-road level 2.
Raising Max. speed	The vehicle is being adjusted to off-road level 3. In addition, the vehicle level display appears above the display mes- sage.
20 km/h	The display message refers to the maximum speed permissible (depending on the model type) for off-road level 3. ► Do not drive at speeds above 20 km/h.
Lowering Max. speed	The vehicle is being lowered from off-road level 3 to off-road level 2. In addition, the vehicle level display appears above the display mes- sage.
20 km/h	The display message refers to the maximum speed permissible (depending on the model type) for off-road level 3.
	Do not exceed 20 km/h until the vehicle has reached off-road level 2.
ACTIVE CURVE SYSTEM malfunctioning	The ACTIVE CURVE SYSTEM is faulty. The vehicle's handling charac- teristics may be affected.
	 Do not drive at speeds above 80 km/h. Consult a qualified specialist workshop.
ACTIVE CURVE SYSTEM malfunctioning see Owner's Manual	The ACTIVE CURVE SYSTEM is faulty. The vehicle's handling charac- teristics are severely impaired. A warning tone also sounds.
	There is a risk of an accident.
	► Drive on carefully.
	 Adjust your driving style to the altered handling characteristics. Avoid sudden acceleration in tight corners and quick steering movements.
	► Do not drive at speeds above 80 km/h.
	 Consult a qualified specialist workshop immediately.

324 Display messages

Display messages	Possible causes/consequences and ► Solutions
[] Different. lock sys. Malfunction	 The differential lock is faulty. ▶ Do not drive at speeds above 80 km/h. ▶ Consult a qualified specialist workshop.
F미 Different. locking sys. cooling down Please wait	 The differential lock is too hot and has been disengaged. ▶ Drive on carefully. ▶ Allow the differential lock to cool down. The differential lock re-engages as soon as it has cooled down.
LOW RANGE Stop Apply parking brake	 A gearshift process has been cancelled. LOW RANGE is in the neutral position. There is no connection between the engine and the drive wheels. Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Apply the electric parking brake. Do not continue driving under any circumstances. Repeat the gearshift process.
LOW RANGE Malfunc- tion To park, apply parking brake	 LOW RANGE is malfunctioning. Do not drive at speeds above 80 km/h. When parking, safeguard the vehicle against rolling away (▷ page 191). Consult a qualified specialist workshop.
LOW RANGE max. speed 40 km/h	You have exceeded the maximum speed for the gearshift process. ► Drive more slowly. The gear change is made.
LOW RANGE max. speed 70 km/h	You have exceeded the maximum speed for the gearshift process. ► Drive more slowly. The gear change is made.
LOW RANGE Shift to position N briefly	You have reduced the vehicle speed, but the automatic transmission is not in position N . ► Briefly shift the automatic transmission to position N .
LOW RANGE Shifting cancelled Please reactivate	The gearshift process has been cancelled.▶ Repeat the gearshift process.
Inoperative	DSR (Downhill Speed Regulation) is deactivated due to a fault.Have DSR checked at a qualified specialist workshop.

Display messages	Possible causes/consequences and Solutions
Traffic Sign Assist currently unavaila- ble See Owner's Man- ual	 Traffic Sign Assist is temporarily inoperative. Possible causes: the windscreen is dirty in the camera's field of vision visibility is impaired due to heavy rain, snow or fog Clean the windscreen. If the system detects that the camera is fully operational, the display message disappears. Traffic Sign Assist is operational again.
Traffic Sign Assist inoperative	Traffic Sign Assist is faulty.▶ Consult a qualified specialist workshop.
HOLD Off	 The HOLD function is deactivated. The vehicle is skidding. A warning tone also sounds. ▶ Reactivate the HOLD function later (▷ page 219).
Lane Keeping Assist currently unavaila- ble See Owner's Man- ualorActive Lane Keeping Assist cur- rently unavailable See Owner's Manual	 Lane Keeping Assist or Active Lane Keeping Assist is deactivated and temporarily inoperative. Possible causes: the windscreen is dirty in the camera's field of vision visibility is impaired due to heavy rain, snow or fog there have been no lane markings for an extended period the lane markings are worn, dark or covered, e.g. by dirt or snow Once the causes listed above no longer apply, the display message goes out. Lane Keeping Assist or Active Lane Keeping Assist is operational again. If the display message does not disappear: Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Safeguard the vehicle against rolling away (> page 191). Clean the windscreen.
Lane Keeping Assist inoperativeorActive Lane Keeping Assist inoperative	Lane Keeping Assist or Active Lane Keeping Assist is faulty.Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
Blind Spot Assist currently unavaila- ble See Owner's Man- ualorActive Blind Spot Assist cur- rently unavailable See Owner's Manual	 Blind Spot Assist or Active Blind Spot Assist is temporarily inoperative. Possible causes: the radar sensor system is outside the operating temperature range the radar sensor system is temporarily inoperative, e.g. due to electromagnetic radiation emitted by nearby TV or radio stations or other sources of electromagnetic radiation The yellow
Blind Spot Assist not available when towing a trailer See Owner's Man- ualorActive Blind Spot Assist not available when tow- ing a trailer See Owner's Manual	 Blind Spot Assist or Active Blind Spot Assist is deactivated while towing a trailer. You have established the electrical connection between the trailer and your vehicle. Press OK on the steering wheel to confirm the display message.
Blind Spot Assist inoperativeorActive Blind Spot Assist inoperative	 Blind Spot Assist or Active Blind Spot Assist is faulty. The yellow ▲ indicator lamps also light up in the exterior mirrors. Consult a qualified specialist workshop.
Park Assist cancel- led	 The driver's door is open. Repeat the parking gap measurement and parking process with the driver's door closed.
	 You inadvertently touched the multifunction steering wheel while steering intervention was active. While steering intervention is active, make sure not to touch the multifunction steering wheel.
	 The vehicle has started to skid and ESP[®] has intervened. ▶ Use Active Parking Assist again later (▷ page 228).
Park Assist inoper- ative	 PARKTRONIC is malfunctioning or faulty. Follow the instructions and helpful hints in the "Problems with PARKTRONIC" section (▷ page 228). If the multifunction display still shows the display message: Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and Solutions
	 Active Parking Assist is unavailable or faulty. Switch off the ignition and restart the engine. If Active Parking Assist continues to be unavailable (the P symbol does not appear in the multifunction display): Consult a qualified specialist workshop.
Park Assist switched off	The vehicle is parked. A warning tone also sounds. The display message disappears automatically.
DISTRONIC PLUS off	DISTRONIC PLUS has been deactivated. If a warning tone also sounds, DISTRONIC PLUS has switched itself off. (\triangleright page 207)
DISTRONIC PLUS available again	DISTRONIC PLUS is operational again after having been temporarily unavailable. You can now reactivate DISTRONIC PLUS (> page 207).
DISTRONIC PLUS cur- rently unavailable See Owner's Manual	 DISTRONIC PLUS is temporarily inoperative. Steering Assist and Stop&Go Pilot are temporarily inoperative. Possible causes: the function is impaired due to heavy rain or snow the radar sensor system is temporarily inoperative, e.g. due to electromagnetic radiation emitted by nearby TV or radio stations or other sources of electromagnetic radiation the system is outside the operating temperature range the on-board voltage is too low. A warning tone also sounds. Once the causes listed above no longer apply, the display message goes out. DISTRONIC PLUS is operational again. If the display message does not disappear: Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Safeguard the vehicle against rolling away (▷ page 191). Restart the engine.
DISTRONIC PLUS inop- erative	DISTRONIC PLUS is faulty. The following may have also failed: • BAS PLUS with Cross-Traffic Assist • PRE-SAFE [®] Brake • Steering Assist and Stop&Go Pilot A warning tone also sounds. • Consult a qualified specialist workshop.
DISTRONIC PLUS sus- pended	You have depressed the accelerator pedal. DISTRONIC PLUS is no longer controlling the speed of the vehicle. ► Remove your foot from the accelerator pedal.

Display messages	Possible causes/consequences and ► Solutions
DISTRONIC PLUS km/h	 An activation condition for DISTRONIC PLUS is not fulfilled. ▶ Check the activation conditions for DISTRONIC PLUS (▷ page 207).
DISTRONIC PLUS and SPEEDTRONIC inoper- ative	 DISTRONIC PLUS and SPEEDTRONIC are faulty. Steering Assist and Stop&Go Pilot are therefore also unavailable. A warning tone also sounds. ▶ Consult a qualified specialist workshop.
DTR+: steering assist. currently unavailable See Own- er's Manual	 Steering Assist and Stop&Go Pilot are temporarily inoperative. Possible causes: the windscreen is dirty in the camera's field of vision visibility is impaired due to heavy rain, snow or fog there have been no lane markings for an extended period the lane markings are worn, dark or covered, e.g. by dirt or snow Once the causes listed above no longer apply, the display message goes out. Steering Assist and Stop&Go Pilot are operative again. If the display message does not disappear: Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Safeguard the vehicle against rolling away (▷ page 191). Clean the windscreen.
DTR+: steering assistant inopera- tive	 Steering Assist and Stop&Go Pilot are faulty. However, the DISTRONIC PLUS functions are still available. A warning tone also sounds. Consult a qualified specialist workshop.
Cruise control and SPEEDTRONIC inoper- ative	SPEEDTRONIC and cruise control are malfunctioning.Consult a qualified specialist workshop.
SPEEDTRONIC suspen- ded	 If you depress the accelerator pedal beyond the pressure point (kick-down), SPEEDTRONIC is switched to passive mode. The speed limitation is not active. Drive slower than the stored speed and without kickdown. Call up the last speed stored again. or Set a new speed. When the display message disappears, the speed limitation is active.
SPEEDTRONIC Limit km/h	 SPEEDTRONIC cannot be activated, as the activation conditions have not all been met. ▶ Check the activation conditions for SPEEDTRONIC (▷ page 205).

Display messages	Possible causes/consequences and ► Solutions
Cruise control km/h	 A condition for activating cruise control has not been met. You have tried to store a speed below 30 km/h, for example. ESP[®] is deactivated The yellow ESP[®] OFF warning lamp is lit. If conditions permit, drive faster than 30 km/h and store the speed. or Check the activation conditions for cruise control (▷ page 203). or Reactivate ESP[®] (▷ page 77).
Cruise control off	Cruise control has been deactivated. If a warning tone also sounds, cruise control has deactivated auto- matically (> page 203).
120 km/h! Maximum speed excee- ded	Only for certain countries: the maximum speed has been exceeded. In addition, the multifunction display shows 120 km/h! ► Drive more slowly.

Tyres		
Display messages	Possible causes/consequences and ► Solutions	
Tyre pressure Check tyres	The tyre pressure loss warning system has detected a significant loss in pressure. A warning tone also sounds. Possible causes:	
	• you have changed the positions of the wheels and tyres or fitted new wheels and tyres	
	the tyre pressure in one or more tyres has dropped	
	Underinflated tyres pose the following risks:	
	 the tyres may burst, especially as the load and vehicle speed increase 	
	 the tyres may wear excessively and/or unevenly, which may greatly impair tyre traction 	
	 the driving characteristics, as well as steering and braking, may be greatly impaired 	
	There is a risk of an accident.	
	 Stop the vehicle without making any sudden steering or braking manoeuvres. Pay attention to the traffic conditions as you do so. Safeguard the vehicle against rolling away (▷ page 191). Check the tyres and, if necessary, follow the instructions for a flat tyre (▷ page 388). Check the tyre pressures and, if necessary, correct the tyre pressure. 	
	 Restart the tyre pressure loss warning system when the tyre pressure is correct (> page 410). 	
Check tyre pres- sures then restart Run Flat Indicator	 The tyre pressure loss warning system generated a display message and has not been restarted since. ▶ Set the correct tyre pressure in all four tyres. ▶ Restart the tyre pressure loss warning system (▷ page 410). 	
Run Flat Indicator inoperative	The tyre pressure loss warning system is faulty.▶ Consult a qualified specialist workshop.	
Rectify tyre pres- sure	 The tyre pressure is too low in at least one of the tyres, or the tyre pressure difference between the wheels is too great. Check the tyre pressures at the next opportunity (▷ page 411). If necessary, correct the tyre pressure. Restart the tyre pressure monitor (▷ page 412). 	

Display messages	Possible causes/consequences and Solutions
Check tyre(s)	The tyre pressure in one or more tyres has dropped significantly. The wheel position is displayed in the multifunction display. A warning tone also sounds.
	A WARNING
	Underinflated tyres pose the following risks:
	 the tyres may burst, especially as the load and vehicle speed increase
	 the tyres may wear excessively and/or unevenly, which may greatly impair tyre traction
	• the driving characteristics, as well as steering and braking, may be greatly impaired
	There is a risk of an accident.
	Stop the vehicle without making any sudden steering or braking manoeuvres. Pay attention to the traffic conditions as you do so.
	► Secure the vehicle against rolling away (▷ page 191).
	► Check the tyres and, if necessary, follow the instructions for a flat tyre (▷ page 388).
	 Check the tyre pressure (▷ page 411).
	► If necessary, correct the tyre pressure.
Warning tyre defect	The tyre pressure in one or more tyres has dropped suddenly. The wheel position is displayed in the multifunction display.
	If you drive with a flat tyre, there is a risk of the following hazards:a flat tyre affects the ability to steer or brake the vehicleyou could lose control of the vehicle
	 continued driving with a flat tyre will cause excessive heat build-up and possibly a fire
	There is a risk of an accident.
	 Stop the vehicle without making any sudden steering or braking manoeuvres. Pay attention to the traffic conditions as you do so. Secure the vehicle against rolling away (▷ page 191). Check the tyres and, if necessary, follow the instructions for a flat tyre (▷ page 388).
Tyre press. monitor currently unavaila- ble	No signals can be received from the tyre pressure sensors due to strong RF interference. The tyre pressure monitor is temporarily mal-functioning.
	 Drive on. The tyre pressure monitor restarts automatically as soon as the cause has been rectified.

Display messages	Possible causes/consequences and ► Solutions
Wheel sensor(s) missing	 There is no signal from the tyre pressure sensor of one or several wheels. The pressure of the affected tyre is not displayed in the multifunction display. Have the faulty tyre pressure sensor replaced at a qualified spe-
	cialist workshop.
Tyre press. monitor inoperative No wheel sensors	The wheels fitted do not have suitable tyre pressure sensors. The tyre pressure monitor is deactivated.
	Fit wheels with suitable tyre pressure sensors. The tyre pressure monitor is activated automatically after driving for a few minutes.
Tyre press. monitor inoperative	The tyre pressure monitor is faulty.▶ Consult a qualified specialist workshop.

Vehicle	
Display messages	Possible causes/consequences and ► Solutions
To start engine, shift to either P or N	You have attempted to start the engine with the transmission in position R or D . ► Shift the transmission to position P or N .
Apply brake to dese- lect Park (P) posi- tion	You have attempted to shift the transmission to position D , R or N without depressing the brake pedal. ► Depress the brake pedal.
To shift out of P or N, depress brake and start engine	 With the engine switched off, you have attempted to shift the transmission out of position P or N into another transmission position. Depress the brake pedal. Start the engine.
Risk of vehicle rolling Transmis- sion not in P	 The driver's door is open/not fully closed and the transmission is in position R, N or D. A warning tone also sounds. MARNING The vehicle may roll away. There is a risk of an accident. Shift the transmission to position P. Secure the vehicle against rolling away (▷ page 191). Close the driver's door fully.
Only select Park (P) when vehicle is stationary	 The vehicle is moving. Stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Shift the transmission to position P.

Display messages	Possible causes/consequences and Solutions
Without changing gear, consult work- shop	 You cannot change the transmission position due to a malfunction. A warning tone also sounds. If transmission position D is selected: Drive to a qualified specialist workshop without shifting the transmission from position D. If transmission position R, N or P is selected: Secure the vehicle against rolling away (> page 191).
	 Consult a qualified specialist workshop.
Reversing not poss. Consult workshop	You cannot shift into the transmission position R due to a malfunction. The transmission positions P , N or D continue to be available. A warning tone also sounds. ► Consult a qualified specialist workshop.
Transmission Mal- function Stop	 A malfunction has occurred in the mechanical transmission components. A warning tone also sounds. The transmission shifts automatically to position N. Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Shift the transmission to position P. Secure the vehicle against rolling away (▷ page 191). Consult a qualified specialist workshop.
Stop vehicle Leave engine running Wait Transmission cool- ing	 PLUG-IN HYBRID vehicles: The transmission has overheated. Pulling away can be temporarily impaired or not possible. Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. Wait until the display message disappears before pulling away.
Auxiliary battery malfunction	 The auxiliary battery for the automatic transmission is no longer being charged. Consult a qualified specialist workshop. Until then, set the automatic transmission to position P before you switch off the engine. Before leaving the vehicle, apply the electric parking brake.
<u></u>	The tailgate is open.

Display messages	Possible causes/consequences and ► Solutions
	 The bonnet is open. A warning tone also sounds. Marning Warning warning tone also sounds. Marning Warning wa
Active bonnet mal- function See Own- er's Manual	 The active bonnet (pedestrian protection) is not active due to a malfunction or because it has already been triggered. Consult a qualified specialist workshop.
	At least one door is open.A warning tone also sounds.▶ Close all doors.
Check trailer hitch lock	 The trailer tow-hitch is not operational. A warning tone also sounds. MARNING If the ball coupling is not in the locked position, the trailer may come loose. There is a risk of an accident. Stop the vehicle immediately, paying attention to road and traffic conditions, and switch off the engine. Secure the vehicle against rolling away (▷ page 191). Uncouple the trailer and secure it against rolling away. Initiate a new swivelling procedure (▷ page 274). When the display message disappears, re-couple the trailer. If the display message continues to be displayed: Do not re-couple the trailer. Check the ground clearance and continue driving without the trailer. Consult a qualified specialist workshop.
Trailer coupling extending	 The ball coupling is swivelled out or in. Only swivel the ball coupling in or out when the vehicle is stationary. No trailer may be coupled during the swivelling procedure. Do not attempt to speed up, slow down or initiate the swivelling process using your hand, foot or other aids. Move the ball coupling of the trailer tow hitch to an operational position (▷ page 274).

Display messages	Possible causes/consequences and Solutions
The set of the set of	 PLUG-IN HYBRID vehicles: With the engine switched off, you have attempted to switch on the preentry climate control more than twice. Let the engine run for ten seconds. After running the engine, the pre-entry climate control is operational again.
Pre-entry climate control (via key) inoperative HV bat- tery low	 PLUG-IN HYBRID vehicles: The on-board voltage is too low. The pre-entry climate control cannot be switched on. ▶ Drive for a considerable distance. The battery charges. When the charge status of the high-voltage battery is over the specified minimum charge status, pre-entry climate control is operational again.
inoperative Battery low	 The on-board voltage is too low. The auxiliary heating has switched itself off or cannot be switched on (▷ page 149). Drive for a considerable distance. The battery charges. The auxiliary heating is operational again as soon as the on-board electrical system voltage is sufficient.
inoperative Refuel vehicle	 There is too little fuel in the fuel tank. The auxiliary heating cannot be switched on (▷ page 149). ▶ Refuel at the nearest filling station.
inoperative See Own- er's Man.	 The auxiliary heating is temporarily malfunctioning or faulty. When the vehicle is on a level surface and the engine has cooled down, make up to four attempts to switch on the auxiliary heating, waiting several minutes between each attempt (▷ page 149). If the auxiliary heating does not switch on: Consult a qualified specialist workshop.
Power steering mal- function See Own- er's Manual	 The power steering assistance is faulty. A warning tone also sounds. MARNING You will need to use more force to steer. There is a risk of an accident. Check whether you are able to apply the extra force required. If you are able to steer safely: Drive on carefully. Consult a qualified specialist workshop immediately. If you are unable to steer safely: Do not drive on. Consult a qualified specialist workshop.

336 Display messages

Display messages	Possible causes/consequences and ► Solutions
Telephone No service	 Your vehicle is outside the network provider's transmitter/receiver range. ▶ Wait until the mobile phone operational readiness symbol appears in the multifunction display.
Top up washer fluid	 The washer fluid level in the washer fluid reservoir has dropped below the minimum. ▶ Top up the washer fluid (▷ page 377).
Wiper malfunction- ing	The windscreen wipers are defective.▶ Consult a qualified specialist workshop.
Hazard warning lamps malfunction- ing	The hazard warning lamps are faulty.▶ Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
Key does not belong to vehicle	You have put the wrong key in the ignition lock. ► Use the correct key.
Replace key	The key needs to be replaced.▶ Consult a qualified specialist workshop.
Change key batteries	The key battery is discharged.▶ Change the battery (▷ page 87).
Key not detected (white display message)	 The key is currently undetected. ▶ Change the location of the key in the vehicle. If the key still cannot be detected: ▶ Operate the vehicle with the key in the ignition lock if necessary.
Key not detected (red display message)	 The key is not in the vehicle. A warning tone also sounds. If the engine is switched off, you can no longer lock the vehicle centrally or start the engine. ▶ Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. ▶ Secure the vehicle against rolling away (▷ page 191). ▶ Locate the key.

Display messages	Possible causes/consequences and Solutions
	 Because there is interference from a strong source of radio waves, the key is not detected whilst the engine is running. A warning tone also sounds. Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Secure the vehicle against rolling away (▷ page 191). Insert the key into the ignition lock and bring into key mode.
Remove starting but- ton, then insert key	 The key detection function has a temporary malfunction or is faulty. The key is continually undetected. A warning tone also sounds. Insert the key into the ignition lock and turn it to the desired position. Consult a qualified specialist workshop.

Warning and indicator lamps in the instrument cluster

General notes

Some systems carry out a self-diagnosis when the ignition is switched on. Several warning and indicator lamps can thereby temporarily light up or flash. This behaviour is non-critical. These warning and indicator lamps only indicate a malfunction if they light up or flash after the engine is started or during a journey.

Safety

Seat belts

Warning/ indicator lamp	Signal type Possible causes/consequences and Solutions
A	 Only for certain countries: the red seat belt warning lamp lights up for 6 seconds after the engine starts. The seat belt warning lamp reminds the driver and front passenger to fasten their seat belts.
	► Fasten your seat belt (▷ page 47).
4	 ▷ Only for certain countries: the red seat belt warning lamp lights up after the engine starts. In addition, a warning tone sounds for up to 6 seconds. The driver's seat belt is not fastened. ▶ Fasten your seat belt (▷ page 47). The warning tone ceases.

Warning/ indicator lamp	Signal type Possible causes/consequences and Solutions
2 T	 The red seat belt warning lamp lights up after the engine starts, as soon as the driver's or the front-passenger door is closed. The driver or passenger has not fastened their seat belt. Fasten your seat belt (> page 47). The warning lamp goes out. There are objects on the front-passenger seat. Remove the objects from the front-passenger seat and stow them in a secure place. The warning lamp goes out.
	 ▷ The red seat belt warning lamp flashes and an intermittent audible warning sounds. The driver or passenger has not fastened their seat belt. At the same time, you are driving faster than 25 km/h or have briefly driven faster than 25 km/h. ▶ Fasten your seat belt (▷ page 47). The warning lamp goes out and the intermittent warning tone ceases. There are objects on the front-passenger seat. At the same time, you are driving faster than 25 km/h or have briefly driven faster than 25 km/h. ▶ Remove the objects from the front-passenger seat and stow them in a secure place. The warning lamp goes out and the intermittent warning tone ceases.

Safety systems

Warning/ indicator lamp	Signal type Possible causes/consequences and Solutions	
	 The red brake system warning lamp is lit while the engine is running. PLUG-IN HYBRID vehicles: The red brake system warning lamp is shown in the READY driving status. A warning tone also sounds. 	
	▲ WARNING	
	The brake boosting effect is malfunctioning and the braking characteristics may be affected. There is a risk of an accident.	
	 Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. Safeguard the vehicle against rolling away (> page 191). 	
	 Consult a qualified specialist workshop. Observe the additional display messages in the multifunction display. 	
	 The red brake system warning lamp is lit while the engine is running. PLUG-IN HYBRID vehicles: The red brake system warning lamp is shown in the READY driving status. A warning tone also sounds. 	
	▲ WARNING	
	There is insufficient brake fluid in the brake fluid reservoir. There is a risk of an accident.	
	 Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. Safeguard the vehicle against rolling away (▷ page 191). Do not top up the brake fluid. Topping up will not rectify the fault. Consult a qualified specialist workshop. Observe the additional display messages in the multifunction display. 	
	 The yellow brake system warning lamp lights up while the engine is running. PLUG-IN HYBRID vehicles: The yellow brake system warning lamp is shown in the READY driving status. A warning tone also sounds. 	
	M WARNING	

The brake system is malfunctioning and the braking characteristics may be affected.

There is a risk of an accident.

- ▶ If the multifunction display shows a display message, please observe this.
- ► Drive on carefully.
- ► Consult a qualified specialist workshop immediately.

Warning/ indicator lamp	Signal type Possible causes/consequences and Solutions
	 The red brake system warning lamp is lit while the engine is running. PLUG-IN HYBRID vehicles: The red brake system warning lamp is shown in the READY driving status. A warning tone also sounds. WARNING
	RBS is malfunctioning. Pedal travel may be longer than usual and braking per- formance may be affected. There is a risk of an accident.
	 Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. Safeguard the vehicle against rolling away (▷ page 191). Consult a qualified specialist workshop. Observe the additional display messages in the multifunction display.
	 The yellow brake system warning lamp lights up while the engine is running. PLUG-IN HYBRID vehicles: The yellow brake system warning lamp is shown in the READY driving status. A warning tone also sounds.
	WARNING RBS is malfunctioning. Pedal travel may be longer than usual and braking per- formance may be affected. There is a risk of an accident.
	▶ If the multifunction display shows a display message, please observe this.

- If the multifunction display shows a display message, please observe this.
- ► Drive on carefully.
- ► Consult a qualified specialist workshop immediately.

Warning/ indicator lamp	Signal type Possible causes/consequences and Solutions
	 ▷ The yellow ABS warning lamp is lit while the engine is running. PLUG-IN HYBRID vehicles: The yellow ABS warning lamp is shown in the READY driving status. ABS (Anti-lock Braking System) has been deactivated due to a fault. BAS (Brake Assist), BAS PLUS with Cross-Traffic Assist, COLLISION PREVENTION ASSIST PLUS, ESP[®] (Electronic Stability Program), ESP[®] trailer stabilisation, EBD (Electronic Brake-force Distribution), PRE-SAFE[®], PRE-SAFE[®] PLUS, PRE-SAFE[®] Brake, HOLD function, hill start assist, Crosswind Assist, adaptive brake lights, STEER CONTROL, Active Lane Keeping Assist and Active Blind Spot Assist, for example, are therefore also deactivated. In addition, the and maring lamps may light up in the instrument cluster.
	ATTENTION ASSIST is deactivated.
	M WARNING
	The brake system continues to function normally, but without the functions listed above. The wheels could therefore lock if you brake hard, for example.
	The steerability and braking characteristics may be severely affected. The braking distance may increase in an emergency braking situation.
	If $ESP^{ extsf{B}}$ is not operational, $ESP^{ extsf{B}}$ is unable to stabilise the vehicle.
	There is an increased danger of skidding and risk of an accident.
	 Observe the additional display messages in the multifunction display. Drive on carefully.
	Consult a qualified specialist workshop immediately.
	If the ABS control unit is faulty, there is also a possibility that other systems, such as the navigation system or the automatic transmission, will be unavailable.

Warning/ indicator lamp	Signal type Possible causes/consequences and Solutions
	 The yellow ABS warning lamp is lit while the engine is running. PLUG-IN HYBRID vehicles: The yellow ABS warning lamp is shown in the READY driving status. ABS is temporarily unavailable. BAS, BAS PLUS with Cross-Traffic Assist, COLLI-SION PREVENTION ASSIST PLUS, ESP® (Electronic Stability Program), ESP® trailer stabilisation, EBD, PRE-SAFE®, PRE-SAFE® PLUS, PRE-SAFE® Brake, HOLD function, hill start assist, Crosswind Assist, adaptive brake lights, STEER CONTROL, Active Lane Keeping Assist and Active Blind Spot Assist, for example, are therefore also deactivated. In addition, the number of the state of t
	<u>∕</u> ∧ WARNING
	The brake system continues to function normally, but without the functions listed above. The front and rear wheels could therefore lock, for example, if you brake hard.

The steerability and braking characteristics may be severely affected. The braking distance may increase in an emergency braking situation.

If ESP[®] is not operational, ESP[®] is unable to stabilise the vehicle.

There is a risk of an accident.

 Carefully drive on a suitable stretch of road, making slight steering movements at a speed above 20 km/h.

The functions mentioned above are available again when the warning lamp goes out.

If the warning lamp is still on:

- ▶ Observe the additional display messages in the multifunction display.
- ▶ Drive on carefully.
- ► Consult a qualified specialist workshop immediately.

Warning/ indicator lamp	Signal type Possible causes/consequences and Solutions
()	▷ The yellow ABS warning lamp is lit while the engine is running. PLUG-IN HYBRID vehicles: The yellow ABS warning lamp is shown in the READY driving status.
	EBD is unavailable due to a malfunction. ABS, BAS, BAS PLUS with Cross-Traffic Assist, COLLISION PREVENTION ASSIST PLUS, ESP [®] , ESP [®] trailer stabilisation,

PRE-SAFE[®], PRE-SAFE[®] PLUS, PRE-SAFE[®] Brake, HOLD function, hill start assist, Crosswind Assist, adaptive brake lights, STEER CONTROL, Active Lane Keeping Assist and Active Blind Spot Assist, for example, are therefore also deactivated. In addition, the _____ and _____ warning lamps may light up in the instrument cluster.

ATTENTION ASSIST is deactivated.

The brake system continues to function normally, but without the functions listed above. The front and rear wheels could therefore lock, for example, if you brake hard.

The steerability and braking characteristics may be severely affected. The braking distance may increase in an emergency braking situation.

If ESP[®] is not operational, ESP[®] is unable to stabilise the vehicle.

There is an increased danger of skidding and risk of an accident.

- ▶ Observe the additional display messages in the multifunction display.
- Drive on carefully.
- ► Consult a qualified specialist workshop immediately.



▷ The red brake system warning lamp and the yellow ESP[®], ESP[®] OFF and ABS warning lamps are lit while the engine is running.
PLUG-IN HYBRID vehicles:

ABS and ESP[®] are malfunctioning. BAS, BAS PLUS with Cross-Traffic Assist, COL-LISION PREVENTION ASSIST PLUS, ESP[®] trailer stabilisation, PRE-SAFE[®], PRE-SAFE[®] PLUS, PRE-SAFE[®] Brake, HOLD function, hill start assist, Crosswind Assist, adaptive brake lights, STEER CONTROL, Active Lane Keeping Assist and Active Blind Spot Assist, for example, are therefore also deactivated. ATTENTION ASSIST is deactivated.

The brake system continues to function normally, but without the functions listed above. The front and rear wheels could therefore lock, for example, if you brake hard.

The steerability and braking characteristics may be severely affected. The braking distance may increase in an emergency braking situation.

If ESP[®] is not operational, ESP[®] is unable to stabilise the vehicle.

There is an increased danger of skidding and risk of an accident.

- ▶ Observe the additional display messages in the multifunction display.
- ► Drive on carefully.
- Consult a qualified specialist workshop immediately.

344 Warning and indicator lamps in the instrument cluster

	Warning/ indicator lamp	Signal type Possible causes/consequences and Solutions
		 ▷ The yellow ESP[®] warning lamp flashes while the vehicle is in motion. ESP[®] or traction control has intervened because there is a risk of skidding or at least one wheel has started to spin. Cruise control or DISTRONIC PLUS is deactivated. ▶ Only depress the accelerator pedal as far as necessary when pulling away. ▶ Accelerate more gently while the vehicle is in motion. ▶ Adapt your driving style to suit the road and weather conditions. ▶ Do not deactivate ESP[®]. In rare cases (▷ page 77) it may be better to deactivate ESP[®]. Observe the important safety notes on ESP[®] (▷ page 76).
	COFF	 The yellow ESP[®] OFF warning lamp is lit while the engine is running. PLUG-IN HYBRID vehicles: The yellow ESP[®] OFF warning lamp is lit in the READY driving status. ESP[®] is deactivated. MARNING

If ESP^{\circledast} is deactivated, ESP^{\circledast} is unable to stabilise the vehicle.

Further driving systems or driving safety systems are thus restricted, e.g. Active Blind Spot Assist. The system does not perform course-correcting braking applications.

There is an increased danger of skidding and risk of an accident.

▶ Reactivate ESP[®].

In rare cases (\triangleright page 77) it may be better to deactivate ESP[®].

Observe the important safety notes on $ESP^{\textcircled{R}}$ (\vartriangleright page 76).

► Adapt your driving style to suit the road and weather conditions.

If ESP[®] cannot be activated:

- ► Drive on carefully.
- Contact a qualified specialist workshop immediately and have the ESP[®] system checked.

Warning/ indicator lamp	▷ Signal type Possible causes/consequences and ▶ Solutions
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A Strain

> The yellow ESP[®] and ESP[®] OFF warning lamps are lit while the engine is running. PLUG-IN HYBRID vehicles:

The yellow ESP[®] and ESP[®] OFF warning lamps are lit in the READY driving status. ESP[®], BAS, BAS PLUS with Cross-Traffic Assist, COLLISION PREVENTION ASSIST PLUS, ESP[®] trailer stabilisation, PRE-SAFE[®], PRE-SAFE[®] PLUS, PRE-SAFE[®] Brake, HOLD function, hill start assist, Crosswind Assist, adaptive brake lights, STEER CONTROL, Active Lane Keeping Assist and Active Blind Spot Assist, for example, are unavailable due to a malfunction.

ATTENTION ASSIST is deactivated.

▲ WARNING

The brake system continues to function normally, but without the functions listed above.

The braking distance may thus increase in an emergency braking situation.

If ESP[®] is not operational, ESP[®] is unable to stabilise the vehicle.

There is an increased danger of skidding and risk of an accident.

- ► Observe the additional display messages in the multifunction display.
- ► Drive on carefully.
- ► Consult a qualified specialist workshop immediately.

Warning/ indicator lamp	Signal type Possible causes/consequences and Solutions
	 The yellow ESP® and ESP® OFF warning lamps are lit while the engine is running. PLUG-IN HYBRID vehicles: The yellow ESP® and ESP® OFF warning lamps are lit in the READY driving status. ESP®, BAS, BAS PLUS with Cross-Traffic Assist, COLLISION PREVENTION ASSIST PLUS, ESP® trailer stabilisation, PRE-SAFE®, PRE-SAFE® PLUS, PRE-SAFE® Brake, HOLD function, hill start assist, Crosswind Assist, adaptive brake lights, STEER CONTROL, Active Lane Keeping Assist and Active Blind Spot Assist, for example, are unavailable due to a malfunction. ATTENTION ASSIST is deactivated. self-diagnosis is not yet complete
	The brake system continues to function normally, but without the functions listed above.
	The braking distance may thus increase in an emergency braking situation. If ESP [®] is not operational, ESP [®] is unable to stabilise the vehicle. There is an increased danger of skidding and risk of an accident.
	 Carefully drive on a suitable stretch of road, making slight steering movements at a speed above 20 km/h. The functions mentioned above are available again when the warning lamp goes out.
	If the warning lamp is still on:
	 Observe the additional display messages in the multifunction display. Drive on carefully. Consult a qualified specialist workshop immediately.
	 The red indicator lamp for the electric parking brake flashes or is lit and/or the yellow warning lamp for the electric parking brake is lit. Observe the additional display messages in the multifunction display.
×	The red restraint system warning lamp is lit while the engine is running. The restraint system is faulty.
	 The airbags or belt tensioners may either be triggered unintentionally or, in the event of an accident, may not be triggered. This poses an increased risk of injury. Observe the additional display messages in the multifunction display.
	► Drive on carefully.

- Drive on carefully.
- Contact a qualified specialist workshop immediately and have the restraint system checked.

For further information about the restraint system, see (\triangleright page 43).

Engine	
Warning/ indicator lamp	Signal type Possible causes/consequences and Solutions
	 ▷ The yellow engine diagnostics warning lamp lights up while the engine is running. There may be a fault, for example: in the engine management in the fuel injection system in the exhaust system in the ignition system (for vehicles with petrol engines) in the fuel system The emission limit values may be exceeded and the engine may be running in emergency mode. Consult a qualified specialist workshop immediately. Vehicles with a diesel engine: the fuel tank has been run dry (▷ page 179). Start the engine three to four times after refuelling. If the yellow engine diagnostics warning lamp goes out, emergency running mode is cancelled. The vehicle need not be checked.
	 The yellow reserve fuel warning lamp is on while the engine is running. The fuel level has dropped into the reserve range. Operation of the auxiliary heating is deactivated if the fuel level drops into the reserve range. Refuel at the nearest filling station.
	 The red coolant warning lamp lights up while the engine is running and the coolant temperature gauge is at the start of the scale. The temperature sensor for the coolant temperature gauge is faulty. The coolant temperature is no longer being monitored. There is a risk of engine damage if the coolant temperature is too high. Stop the vehicle immediately, paying attention to road and traffic conditions, and switch off the engine. Do not continue driving under any circumstances. Safeguard the vehicle against rolling away (> page 191). Consult a qualified specialist workshop.

plays	Warning/ indicator lamp	Signal type Possible causes/consequences and Solutions
On-board computer and displays		 ▷ The red coolant warning lamp comes on while the engine is running. The coolant level is too low. If the coolant level is correct, the airflow to the engine radiator may be blocked or the electric engine radiator fan may be malfunctioning. The coolant is too hot and the engine is no longer being cooled sufficiently. ▷ Observe the additional display messages in the multifunction display. ▶ Stop the vehicle immediately, paying attention to road and traffic conditions, and switch off the engine. ▶ Safeguard the vehicle against rolling away (▷ page 191). ▶ Leave the vehicle and keep a safe distance from the vehicle until the engine has cooled down. ▶ Check the coolant level and top up the coolant, observing the warning notes (▷ page 376). ▶ If you have to top up the coolant frequently, have the engine cooling system checked. ▶ Make sure that the air supply to the engine radiator is not blocked, e.g. by frozen slush. ▶ Do not start the engine again until the coolant temperature is below 120 °C. The engine may otherwise be damaged. ▶ Drive to the nearest qualified specialist workshop. ▶ Avoid heavy loads on the engine as you do so, e.g. driving in mountainous terrain and stop-start traffic.
		 The red coolant warning lamp comes on while the engine is running. The coolant temperature has exceeded 120 °C. The airflow to the engine radiator may be blocked or the coolant level may be too low. WARNING The engine is not being cooled sufficiently and may be damaged. Never drive with an overheated engine. Driving when your engine is overheated can cause some fluids which may have leaked into the engine compartment to catch fire. In addition, steam from an overheated engine can cause serious burns, which can occur just by opening the bonnet. There is a risk of injury. Observe the additional display messages in the multifunction display. Stop the vehicle immediately, paying attention to road and traffic conditions, and switch off the engine. Safeguard the vehicle against rolling away (> page 191). Leave the vehicle and keep a safe distance from the vehicle until the engine has

- Leave the vehicle and keep a safe distance from the vehicle until the engine has cooled down.
- ► Check the coolant level and top up the coolant, observing the warning notes (▷ page 376).
- If you have to top up the coolant frequently, have the engine cooling system checked.

Warning/ indicator lamp	Signal type Possible causes/consequences and Solutions
	Make sure that the air supply to the engine radiator is not blocked, e.g. by frozen slush.
	If the coolant temperature is below 120 °C, you can continue driving to the nearest qualified specialist workshop.
	Avoid heavy loads on the engine as you do so, e.g. driving in mountainous terrain and stop-start traffic.

Driving systems

Warning/ indicator lamp	 Signal type Possible causes/consequences and Solutions
	 The red distance warning lamp lights up while the vehicle is in motion. The distance to the vehicle in front is too small for the speed selected. Increase the distance.
	 The red distance warning lamp lights up while the vehicle is in motion. A warning tone also sounds. You are approaching a vehicle, a pedestrian or a stationary obstacle in your line of travel at too high a speed.
	 Be prepared to brake immediately. Pay careful attention to the traffic situation. You may have to brake or take evasive action.
	Further information on DISTRONIC PLUS (▷ page 207). Further information on PRE-SAFE [®] Brake (▷ page 78). For further information on the distance warning function of COLLISION PREVEN- TION ASSIST PLUS, see (▷ page 73).

Warning/ ▷ Signal type

indicator Possible causes/consequences and ► Solutions

lamp

Tyres

 \triangleright The yellow tyre pressure monitor warning lamp (pressure loss/malfunction) is lit.

The tyre pressure monitor has detected a loss of pressure in at least one of the tyres.

Underinflated tyres pose the following risks:

- the tyres may burst, especially as the load and vehicle speed increase
- \bullet the tyres may wear excessively and/or unevenly, which may greatly impair tyre traction
- the driving characteristics, as well as steering and braking, may be greatly impaired

There is a risk of an accident.

- ► Stop the vehicle without making any sudden steering or braking manoeuvres. Pay attention to the traffic conditions as you do so.
- ► Safeguard the vehicle against rolling away (▷ page 191).
- ▶ Observe the additional display messages in the multifunction display.
- ► Check the tyres and, if necessary, follow the instructions for a flat tyre (▷ page 388).
- ► Check the tyre pressure (▷ page 411).
- ▶ If necessary, correct the tyre pressure.

▷ The yellow tyre pressure monitor warning lamp (pressure loss/malfunction) flashes for approximately one minute and then remains lit. The tyre pressure monitor is faulty.

The system is possibly unable to detect or register low tyre pressure. There is a risk of an accident.

- ▶ Observe the additional display messages in the multifunction display.
- ► Consult a qualified specialist workshop immediately.

Useful information

This Owner's Manual describes all models, series and optional equipment for your vehicle that were available at the time of going to press. National variations are possible. Note that your vehicle may not be equipped with all of the functions described. This is also the case for systems and functions relevant to safety.

 Read the information on qualified specialist workshops: (▷ page 28).

Stowage areas

Loading guidelines

MARNING

If objects, luggage or loads are not secured or not secured sufficiently, they could slip, tip over or be flung around and thereby hit vehicle occupants. There is a risk of injury, especially when braking or abruptly changing directions. Always store objects so that they cannot be flung around. Secure objects, luggage or loads against slipping or tipping before the journey.

MARNING

Combustion engines emit poisonous exhaust gases such as carbon monoxide. If the tailgate is open when the engine is running, particularly if the vehicle is moving, exhaust fumes could enter the passenger compartment. There is a risk of poisoning.

Turn off the engine before opening the tailgate. Never drive with the tailgate open.

The exhaust tail pipe and tail pipe trim can become very hot. If you come into contact with these parts of the vehicle, you could burn yourself. There is a risk of injury.

Always be particularly careful around the exhaust tail pipe and the tail pipe trim. Allow these components to cool down before touching them.

The handling characteristics of a laden vehicle are dependent on the distribution of the load within the vehicle. For this reason, you should observe the following notes when transporting a load:

- never exceed the maximum permissible gross vehicle weight or the permissible axle loads for the vehicle (including occupants).
- the luggage compartment is the preferred place to store objects.
- position heavy loads as far forwards as possible and as low down in the load compartment as possible.
- the load must not protrude above the upper edge of the seat backrests.
- always place the load against the rear or front seat backrests. Make sure that the seat backrests are securely locked into place.
- always place the load behind unoccupied seats if possible.
- use the lashing eyelets and the luggage nets to transport loads and luggage.
- only use lashing eyelets and fastening components that are suitable for the weight and size of the load.
- hook in the safety net when loading.
- secure the load with sufficiently strong and wear-resistant lashing material. pad sharp edges for protection.
- Load restraints are available at any qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Stowage compartments

Important safety notes

If you do not correctly store objects in the vehicle interior, they can slip or be flung around, thus striking vehicle occupants. There is a risk of injury, especially when braking or abruptly changing directions.

- Always store objects so that they cannot be flung around in these or in similar situations.
- Always make sure that objects do not protrude from stowage compartments, luggage nets or stowage nets.
- Close lockable stowage compartments while driving.
- Stow and secure objects that are heavy, hard, pointy, sharp-edged, fragile or too large in the luggage compartment.

Observe the loading guidelines (\triangleright page 351).

Glove compartment



- ► **To open:** pull handle ① and open glove compartment flap ②.
- ► **To close:** fold glove compartment flap ② upwards until it engages.
- The glove compartment can be cooled
 (▷ page 155).



- 1 Glove compartment unlocked
- 2 Glove compartment locked

The glove compartment can be locked and unlocked using the emergency key element.



Partition ① for stowing flat objects is located in the upper section of the glove compartment. It can be removed to increase the stowage space in the glove compartment.

- ► To remove: pull out partition ①
- ► To install: insert partition ① and push it back until it engages.

Stowage compartment/telephone compartment under the armrest



Vehicles without touchpad

► To open: pull handle ① up. The armrest folds out.



Vehicles with touchpad and COMAND Online

► **To open:** press button ① at the front. Armrest ② folds out.

Depending on the vehicle's equipment, the following may be in the stowage space:

- a multimedia connector unit with 2 USB ports (Media Interface), e.g. for use with an iPod[®], iPhone[®] or MP3 player (see the separate operating instructions)
- a mobile phone bracket (▷ page 366)
- There is a removable stowage tray in the storage compartment, in which objects such as an iPod[®] can be stored.

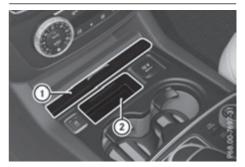
Spectacles compartment



- ► To open: press marking ①. The spectacles compartment opens downwards.
- ► To close: press marking ① again and the spectacles compartment returns upwards and engages.

Make sure that the spectacles compartment is always closed while the vehicle is in motion.

Stowage compartment in the front centre console



- ► **To open:** slide cover ① forwards. Stowage compartment ② appears.
- ▶ To close: pull cover ① back as far as it will go.

Stowage compartment in the rear centre console



- To open: briefly press the stowage compartment marking. The stowage compartment opens.
- () Depending on the vehicle's equipment, there may be open stowage spaces above and below the stowage compartment.

Stowage net

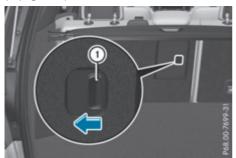
Stowage nets are located in the front-passenger footwell and on the back of the driver's and the front-passenger seat.

Observe the loading guidelines (\triangleright page 351) and the safety notes regarding stowage spaces (\triangleright page 351).

Through-loading facility in the rear compartment

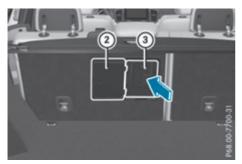
If objects or loads are not secured when being transported in the through-loading facility, they could slip or be thrown around and thereby hit vehicle occupants.

Observe the loading guidelines (\triangleright page 351) and the safety notes regarding stowage spaces (\triangleright page 351).



The through-loading facility is opened from the luggage compartment.

- ► Fold down the rear seat armrest.
- ► Pull the centre head restraint on the rear bench seat into the uppermost position (▷ page 109).
- Slide release catch ① to the left and swing flap ② to the left until it is lying on the rear side of the rear bench seat.



▶ Push cover ③ forward until it is lying on the rear seat armrest.

Enlarging the luggage compartment

Important safety notes

≜ WARNING

If the rear bench seat/rear seat and seat backrest are not engaged they could fold forwards, e.g. when braking suddenly or in the event of an accident.

- The vehicle occupant would thereby be pushed into the seat belt by the rear bench seat/rear seat or by the seat backrest. The seat belt cannot protect as intended and could result in additional injury.
- Objects or loads in the boot/luggage compartment cannot be restrained by the seat backrest.

This poses an increased risk of injury.

Before every trip, make sure that the seat backrests and the rear bench seat/rear seat are engaged before every trip.

Make sure that the seat backrest and the seat cushion are correctly engaged in position. To do so, pull firmly on the seat backrest.

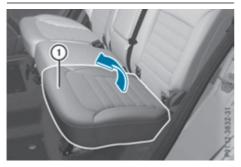
Fold the seat cushion upwards before folding the rear bench seat forward. Otherwise, the backrests may be damaged.

When the backrest is folded forwards, the front seats cannot be moved to their rearmost position. Otherwise, the front seats and the rear bench seat could be damaged.

The backrest is heavy. Therefore, exercise care when folding it down. Make sure that the head restraints are pushed all the way in so that the backrests and seat cushions are not damaged.

Observe the loading guidelines (▷ page 351). The left-hand and right-hand rear seat backrests can be folded forwards separately to increase the luggage compartment capacity.

Folding the rear bench seat forwards

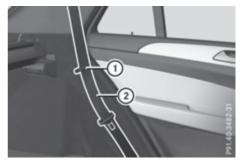


If the driver's or front-passenger seat is set for a larger person, it may not be possible to fold the rear bench seat forwards. In this case, move the front seats as far forward as possible.

- ► Move the head restraints to the lowest position (▷ page 110).
- ► Fold seat cushion ① upwards.



- Pull release handle (2) upwards in the direction of the arrow until the backrest is fully released.
- Pull release handle (2) upwards in the direction of the arrow until backrest (1) is fully released.
- ► Fold the backrest forwards until it reaches the luggage compartment position.



▶ Guide seat belts ② under respective clips ①.

Folding the rear bench seat back



- Fold seat backrest (2) back until it engages. Make sure not to trap the seat belt while doing so.
- ▶ Swing seat cushion ① back.
- ▶ Pull up and adjust the head restraints if necessary (▷ page 110).

Securing a load

Lashing eyelets

General notes

The Top Tether anchorages cannot secure a load. If you secure a load with the Top Tether anchorages, the Top Tether anchorages could be pulled out during braking, abrupt changes in direction or in the event of an accident. The load could slip, tip over or be flung around and thereby collide with vehicle occupants. There is a risk of injury.

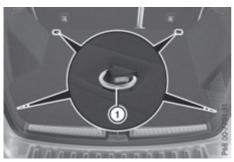
356 Stowage areas

Only use the lashing eyelets when securing a load.

Observe the following notes on securing loads:

- secure the load using the lashing eyelets.
- distribute the load on the lashing eyelets evenly.
- do not use elastic straps or nets to secure a load. These are only intended as an anti-slip protection for light loads.
- do not route lashing materials across sharp edges or corners.
- pad sharp edges for protection.

Luggage compartment



There are four lashing eyelets ① in the luggage compartment.

Before using the lashing eyelets on the righthand side of the luggage compartment lip, the stowage net must be pushed down.

Bag hook

MARNING

The bag hooks cannot restrain heavy objects or items of luggage. Objects or items of luggage could be flung around and thereby hit vehicle occupants when braking or abruptly changing directions. There is a risk of injury. Only hang light objects on the bag hooks. Never hang hard, sharp-edged or fragile objects on the bag hooks.

The bag hook can bear a maximum load of 3 kg. Do not use it to secure a load.



There is a bag hook in the luggage compartment on the left-hand side.

- ▶ Press bag hook marking ①.
- ▶ Turn bag hook ① until it engages.

Securing hooks



There is one securing hook (1) on each side of the luggage compartment.

Only secure lightweight luggage items on the securing hooks (maximum 4 kg).

Luggage compartment cover

Important safety notes

On its own, the luggage compartment cover cannot secure or restrain heavy objects, items of luggage and heavy loads. You could be hit by an unsecured load during sudden changes in direction, braking or in the event of an accident. There is an increased risk of injury or even fatal injury.

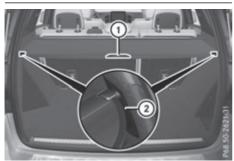
Always store objects so that they cannot be flung around. Secure objects, luggage or

loads against slipping or tipping over, e.g. by using lashing material, even if you are using the luggage compartment cover.

When loading the vehicle, make sure that you do not stack the load in the luggage compartment higher than the lower edge of the side windows. Do not place heavy objects on top of the luggage compartment cover.

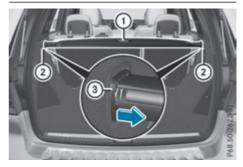
A luggage compartment cover or a combined luggage cover and net (luggage compartment cover with safety net) is installed, depending on equipment, behind the rear bench seat backrest.

Extending and retracting the luggage compartment cover



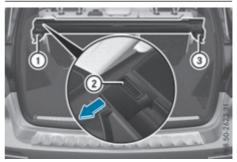
- ► To extend: pull the luggage compartment cover back by grab handle ① and clip it into retainers ② on the left and right.
- ► **To retract:** unhook the luggage compartment cover from left-hand and right-hand retainers ②.
- Guide the luggage compartment cover forwards using grab handle ① until it is completely rolled up.

Fitting/removing luggage compartment cover (without integrated safety net)



- ► To remove: make sure that luggage compartment cover ① is rolled up.
- Push end cap ③ of luggage compartment ① in the direction of the arrow on the right or left-hand side.
- Push luggage compartment cover 1 into opposite anchorage 2.
- ▶ Remove luggage compartment cover ①.
- ► To fit: Insert luggage compartment cover ① on the right-hand side or left-hand side into anchorage ②.
- Push in opposite end cap ③ of luggage compartment cover ① in the direction of the arrow and insert luggage compartment cover ① into opposite anchorage ②.

Fitting/removing combined luggage cover and net (luggage compartment cover with integrated safety net)



You can install and remove the combined luggage cover and net from the luggage compartment.

- Make sure that the safety net and the luggage compartment cover are rolled up.
- ▶ To remove: press button ②.
- Swing the combined luggage cover and net in the direction of the arrow.
- First, detach the combined luggage cover and net from left-hand catch (1) and then remove it from right-hand fixture (3).
- To install: push the combined luggage cover and net up to the stop into right-hand fixture
 3.
- Place the combined luggage cover and net into the left-hand fixture and push it into catch ① until the combined luggage cover and net engages audibly.



Make sure that the red lock verification indicator ④ is no longer visible. The combined luggage cover and net will otherwise not be locked in place.

Safety net in the combined luggage cover and net

Important safety notes

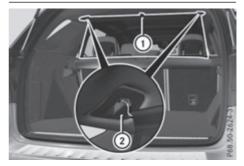
▲ WARNING

On its own, the safety net cannot secure or restrain heavy objects, items of luggage and heavy loads. You could be hit by an unsecured load during sudden changes in direction, braking or in the event of an accident. There is an increased risk of injury or even fatal injury.

Always store objects so that they cannot be flung around. Secure objects, luggage or loads against slipping or tipping over, e.g. by using lashing material, even if you are using the safety net. It is important to use a safety net if you load the vehicle with small objects above the seat backrests. For safety reasons, always use a safety net when transporting a load.

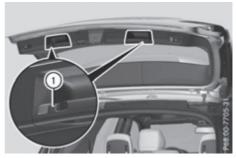
Damaged safety nets can no longer fulfil their protective function and must be replaced. Visit a qualified specialist workshop.

Attaching the safety net



 Pull the safety net up by tab ① and hook it into eyelets ② using both hands.

Coat hooks on the tailgate



1 Coat hook

EASY-PACK load-securing kit

General notes

The EASY-PACK load-securing kit allows you to use your luggage compartment for a variety of purposes. The following accessory parts are located under the luggage compartment floor:

- a telescopic rod
- two mounting elements
- two retaining feet

Important safety notes

▲ WARNING

If you drive when the luggage compartment floor is open, objects could be flung around, thus striking vehicle occupants. There is a risk of injury, especially when braking or abruptly changing directions.

Always close the luggage compartment floor before a journey.

Fitting



- ▶ Open luggage compartment floor ②
 (▷ page 359).
- Attach retaining feet ① in the desired position on the side of luggage compartment floor ②.
- ► Close luggage compartment floor ②.



- ▶ Turn mounting elements (3) to \square .
- ► Insert mounting elements ③ into retaining feet ①.

- ▶ Pull telescopic rod ④ apart.
- Insert telescopic rod ④ into mounting elements ③.
- ► Turn both mounting elements ③ to 🕞 until you feel them engage.

Stowage well under the luggage compartment floor

Important safety notes

MARNING

If you drive when the luggage compartment floor is open, objects could be flung around, thus striking vehicle occupants. There is a risk of injury, especially when braking or abruptly changing directions.

Always close the luggage compartment floor before a journey.

A removable insert under the luggage compartment floor contains the parts of the EASY-PACK load-securing kit. TIREFIT and the tyre-change tool kit, etc. are stored beneath this insert.

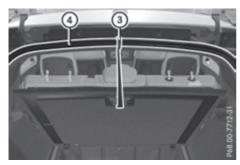
Opening/closing the luggage compartment floor



- ► To open: holding the ribbing, press handle ① downwards ②. Handle ① folds upwards.
- Swing the luggage compartment floor upwards using handle ① until it rests against the luggage compartment cover.

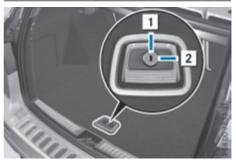


 Fold out hook (3) on the underside of the luggage compartment floor in the direction of the arrow.



- ► Attach hook ③ to the luggage compartment's upper seal ④.
- ► To close: detach hook ③ from the luggage compartment's upper seal ④.
- ► Fasten hook ③ to the bracket on the underside of the luggage compartment floor.
- ► Fold the luggage compartment floor down.
- Press the luggage compartment floor down (2) until it engages.
- 1 To remove the luggage compartment floor, undo the press studs below the luggage compartment floor. When you refit the luggage compartment floor, fasten it with the press studs.

Locking and unlocking the luggage compartment floor



1 Luggage compartment floor, released

2 Luggage compartment floor, locked

The luggage compartment floor can be locked and unlocked using the emergency key element.

Roof carrier

Important safety notes

MARNING

When a load is transported on the roof, the vehicle's centre of gravity rises and the handling changes. If you exceed the maximum roof load, the handling as well as steering and braking characteristics are severely affected. There is a risk of an accident.

Always observe the maximum roof load and adapt your driving style.

Mercedes-Benz recommends that you only use roof carriers that have been tested and approved for Mercedes-Benz vehicles. This helps to prevent damage to the vehicle. Position the load on the roof carrier in such a way that the vehicle will not sustain damage even when it is in motion.

Depending on the vehicle equipment, ensure that when the roof carrier is fitted you can:

- raise the sliding sunroof fully
- open the panorama sliding sunroof fully
- open the tailgate fully

You will find information on the maximum roof load in the "Technical data" section (> page 442). An incorrectly secured roof carrier or roof load may become detached from the vehicle. You must therefore ensure that you observe the roof carrier manufacturer's installation instructions.

Attaching the roof carrier



 Secure the roof carrier to roof rails (1). In doing so, observe the manufacturer's installation instructions.

Features

Cup holders

Important safety notes

≜ WARNING

If you transport objects in the vehicle interior and these are not adequately secured, they could slip or be flung around and thereby strike vehicle occupants. In addition, cup holders, open stowage spaces and mobile phone brackets may not always be able to hold the objects placed in them in the event of an accident. There is a risk of injury, particularly in the event of sharp braking or sudden changes of direction.

- Always stow objects in such a way that they cannot be tossed about in these or similar situations.
- Always make sure that objects do not project from stowage spaces, luggage nets or stowage nets.

- Ensure that closable stowage spaces are shut before beginning your journey.
- Always stow and secure heavy, hard, pointed, sharp-edged, fragile or outsize objects in the load compartment.

Observe the loading guidelines (\triangleright page 351).

- Only use the cup holders for containers of the right size and which have lids. The drinks could otherwise spill.
- Do not expose drinks bottles in the cup holder in the centre console to continuous, strong and direct sunlight. The passenger compartment in the area of the centre console can otherwise be damaged by the concentrated and reflected sunlight.

Do not keep the KEYLESS-GO key in the temperature-controlled cup holder (▷ page 362). Otherwise, the KEYLESS-GO or KEYLESS-GO Start function key will not be detected.

The stowage compartments in the doors provide space for bottles with a capacity of up to 1.0 l. The bottles are not secured or prevented from tipping over. Therefore, do not place any open drink containers in the stowage compartments.

Cup holders in the front centre console



Cup holders

Cover

- ► To open: slide cover ② to its foremost position.
- ▶ To close: pull cover ② back as far as it will go.

You can remove the rubber mat of the cup holder to clean it. Wash it with clean, lukewarm water only.



- ① Cup holders
- ② Residual heat indicator lamp
- ③ Button

The temperature-controlled cup holder can be used to keep cold drinks cold and hot drinks hot.

- ► Turn the key to position **2** in the ignition lock.
- ► To switch on the cooling function: press button ③ repeatedly until the blue indicator lamp on the button lights up.
- ► To switch on the heating function: press button ③ repeatedly until the red indicator lamp on the button lights up.
- To switch off the function: press button ③ repeatedly until the indicator lamp on the button goes out.

When the heating function is used, the metal insert of the cup holder is heated. Once a certain temperature is reached, residual heat indicator lamp ② lights up. This means that the metal insert of the cup holder is hot. For this reason, you must not reach into the cup holder metal insert.

Do not use hard or sharp objects to clean the cup holder. Use only a soft cloth to clean it.

Cup holder in the rear seat armrest

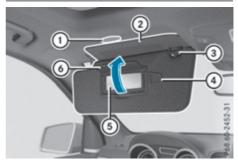
Do not sit on or support your body weight on the rear seat armrest when it is folded down, as you could otherwise damage it.



Fold down the rear seat armrest.
 Cup holder (1) is located in the rear seat armrest.

Sun visors

Overview

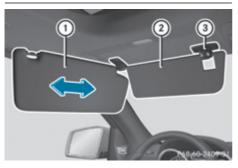


- Mirror light
- Additional sun visor
- ③ Retainer
- ④ Retaining clip, e.g. for a car park ticket
- (5) Vanity mirror
- 6 Mirror cover

Vanity mirror in the sun visor

Mirror light (1) only functions if the sun visor is clipped into retainer (3) and mirror cover (6) has been folded up.

Glare from the side



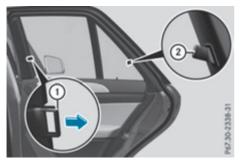
- ► Fold down sun visor ①.
- ▶ Pull sun visor ① out of retainer ③.
- ▶ Swing sun visor ① to the side.

Vehicles with additional sun visor:

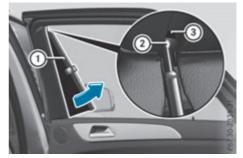
- ▶ Slide sun visor ① horizontally as required.
- Fold down additional sun visor (2) to the windscreen.

Sunblinds on the rear side windows

- Always guide the roller sunblind by hand. Do not let it snap back suddenly as this would damage the automatic roller mechanism.
- Do not drive the vehicle with the roller sunblind hooked in and the side windows opened simultaneously. The roller sunblind can jump out of the retainers and spring back suddenly when driving at high speeds, e.g. when driving on the motorway. This could damage the inertia reel. Therefore, either close the side window or retract the roller sunblind before driving at high speeds.



► To extend: pull the roller sunblind out by tab () and hook it onto retainer (2) at the rear of the window.



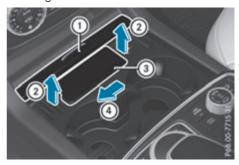
The roller sunblind can be hooked back into place should it pop out from the top of the guide rail.

- ▶ Tilt pull-out profile ① as illustrated.
- Slip guide bush (2) into open area of guide rail
 (3).
- ▶ Straighten pull-out profile ① again.

Ashtray

Front ashtray

The holder under the ashtray is not heat resistant. Before placing lit cigarettes in the ashtray, make sure that the ashtray is properly engaged. Otherwise, the holder could be damaged.



- To open: slide cover ① to its foremost position.
- ► Fold cover ③ of the insert upwards.

► To remove the insert: push insert ③ to the left ④.

Ashtray insert ③ slides out slightly to the right.

- ▶ Lift insert ③ up and out ②.
- ► To refit the insert: place insert ③ into the holder and press it down on the right until it engages.
- ▶ To close: pull cover ① back as far as it will go.

Rear-compartment ashtray

Close the ashtray when it is not in use and before you fold the rear seats forward. You can otherwise damage the ashtray.



Vehicles without a Rear Seat Entertainment System have an ashtray in the centre console in the rear compartment.

- ► **To open:** briefly press the top of cover ②. The ashtray opens.
- ► To remove the insert: push into recess ③ from the right. Ashtray insert ① slides out slightly to the right.
- ► Lift insert ① up and out.
- ► To refit the insert: place insert ① into the holder and press it down on the right until it engages.

Cigarette lighter

▲ WARNING

You can burn yourself if you touch the hot heating element or the socket of the cigarette lighter.

In addition, flammable materials can ignite if:

- the hot cigarette lighter falls
- a child holds the hot cigarette lighter to objects, for example

There is a risk of fire and injury.

Always hold the cigarette lighter by the knob. Always make sure that the cigarette lighter is out of reach of children. Never leave children unattended in the vehicle.

The cigarette lighter in the centre console in the front compartment is not intended for operating the tyre inflation compressor.



Your attention must always be focused on the traffic conditions. Only use the cigarette lighter when road and traffic conditions permit.

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- ► **To open:** slide cover ① to its foremost position.
- Press in cigarette lighter (2).
 Cigarette lighter (2) will pop out automatically when the heating element is red-hot.
- ▶ To close: pull cover ① back as far as it will go.

12 V sockets

General notes

► Turn the key to position 1 in the ignition lock (▷ page 158).

With the exception of the socket in the front centre console, all sockets can be used for accessories with a maximum current draw of 240 W (20 A). The socket in the front centre console can be used for accessories with a maximum current draw of 180 W (15 A). Accessories include such items as mobile phone chargers.

If you use the sockets for long periods when the engine is switched off, the battery may discharge.

 An emergency cut-off ensures that the onboard voltage does not drop too low. If the onboard voltage is too low, the power to the sockets is automatically cut. This ensures that there is sufficient power to start the engine.

Socket in the front centre console

The socket is not intended for operating the tyre inflation compressor.



- ► **To open:** slide cover ① to its foremost position.
- ▶ Lift up the cover of socket ②.
- ▶ To close: pull cover ① back as far as it will go.

Socket in the rear-compartment centre console



On vehicles with the Rear Seat Entertainment System, there are two sockets in the rear-compartment centre console. ▶ Lift up the cover of socket ①.

Socket in the luggage compartment



- Stowing and features
- ▶ Lift up the cover of socket ①.

Mercedes-Benz emergency call system

Information on these requirements can be found in the separate multimedia system operating instructions.



- ▶ **To open:** press cover ① briefly.
- To make an emergency call: press SOS button (2) briefly.

The indicator lamp in SOS button (2) flashes until the emergency call is concluded.

- ► Wait for a voice connection to the Mercedes-Benz emergency call centre.
- ► After the emergency call, close cover ①. You will see a message if:
 - a connection to the Mercedes-Benz emergency call centre cannot be made
 - a call has not been automatically forwarded to the public emergency call centre

In this case, dial the **112** emergency number on your mobile phone.

You can find more information on the Mercedes-Benz emergency call system in the separate multimedia system operating instructions.

Mobile phone

Important safety notes

▲ WARNING

Operating mobile communications equipment while driving distracts you from paying attention to traffic conditions. This could also cause you to lose control of the vehicle. There is a risk of an accident.

Use this device only when the vehicle is stationary.

You must observe the legal requirements for the country in which you are currently driving when operating mobile communications equipment in the vehicle.

If it is permitted by law to operate communications equipment while the vehicle is in motion, you may only do so if the traffic situation permits. You may otherwise be distracted from the traffic conditions, cause an accident and injure yourself and others.

Excessive levels of electromagnetic radiation may cause damage to your health and to the health of others. The use of an exterior aerial takes into consideration the scientific discussion surrounding the possible health risk posed by electromagnetic fields.

Mercedes-Benz recommends the use of an approved exterior aerial. This ensures:

- optimal mobile phone reception quality in the vehicle
- that mutual interference between the vehicle electronics and mobile phones is minimised

An exterior aerial has the following advantages:

- it conducts the electromagnetic fields generated by a wireless device to the exterior
- the field strength in the vehicle interior is lower than in a vehicle that does not have an exterior aerial

Information on retrofitting two-way radios and mobile phones (RF transmitters) (> page 433).

General notes

There are various mobile phone brackets that may be fitted in your vehicle; in some cases, these are country-specific.

More information on suitable mobile phones, mobile phone brackets and on connecting Bluetooth[®]-capable mobile phones with the multimedia system can be obtained:

- at your Mercedes-Benz Service Centre
- on the Internet at http://www.mercedesbenz.com/connect

The functions and services available when you use the phone depend on your mobile phone model and service provider.

Using a mobile phone

To connect a mobile phone to the exterior aerial and charge it, insert it into the mobile phone bracket.

- ► Open the telephone compartment (▷ page 352).
- Place the mobile phone bracket into the preinstalled fitting; see the separate installation instructions for the mobile phone fitting.
- Insert the mobile phone into the mobile phone bracket; see the separate installation instructions for the mobile phone fitting.
- 1 The mobile phone can also be operated without being in the bracket. However, the charging function and aerial function are not available.

In order to use Bluetooth[®] (SAP profile) on your telephone module, you must first insert the telephone module into the pre-installed fitting. This connects it to the exterior aerial. If you wish to charge the mobile phone, then you must connect it to a USB port.

Further information on the telephone module with Bluetooth[®] (SAP profile) can be found in the Digital Owner's Manual.

Operating the mobile phone

You can operate the telephone using the and model buttons on the multifunction steering wheel. You can operate other mobile phone functions via the on-board computer (> page 288).

When you remove the key from the ignition lock, the mobile phone is disconnected from the vehi-

cle. You can then no longer make calls using the hands-free system.

If a call is active and you remove the key from the ignition lock, the conversation is transferred over to the mobile phone. It is then possible to continue the conversation on the mobile phone.

Garage door opener

General notes

The HomeLink[®] garage door opener integrated in the rear-view mirror allows you to operate up to three different door and gate systems.

Once programmed, the integrated garage door opener in the rear-view mirror will assume the function of the garage door system's remote control. Please also read the operating instructions for the garage door system.

When programming a garage door opener, park the vehicle outside the garage. Do not run the engine while programming.

The garage door opener is only available for certain countries. Observe the legal requirements for each individual country.

The HomeLink[®] garage door opener is compatible with most European garage and gate opener drives. More information on HomeLink[®] and/or compatible products is available:

- at a qualified specialist workshop
- via the HomeLink[®] Hotline
 (0) 08000 466 354 65 or alternatively
 +49 (0) 6838 907-277
- on the Internet at http://www.homelink.com

Important safety notes

MARNING

When you operate or program the garage door with the integrated garage door opener, persons in the range of movement of the garage door can become trapped or struck by the garage door. There is a risk of injury.

When using the integrated garage door opener, always make sure that nobody is within the range of movement of the garage door.

MARNING

Combustion engines emit poisonous exhaust gases such as carbon monoxide. Inhaling these exhaust gases leads to poisoning. There is a risk of fatal injury. Therefore never leave the engine running in enclosed spaces without sufficient ventilation.

Programming

Programming buttons

Pay attention to the "Important safety notes" (▷ page 367).



Garage door remote control (5) is not included with the integrated garage door opener.

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- Select one of buttons (2) to (4) to control the garage door drive.
- ► To start programming mode: press and hold one of buttons ② to ④ of the integrated garage door opener. The garage door opener is now in programming mode. After a short time_indicator

ming mode. After a short time, indicator lamp ① begins to light up yellow. Indicator lamp ① lights up yellow immediately the first time button ②, ③ or ④ is pro-

grammed. If the selected button has already been programmed, indicator lamp (1) lights up yellow after ten seconds have elapsed.

- ▶ Release button ②, ③ or ④. Indicator lamp ① flashes yellow.
- ▶ To program the remote control: point garage door remote control (5) towards buttons (2) to (4) on the rear-view mirror at a distance of 5 to 20 cm.

Press and hold button (a) on remote control
 (5) until indicator lamp (1) lights up green.
 When indicator lamp (1) lights up green: programming is finished.

When indicator lamp \bigcirc flashes green: programming was successful. The next step is to synchronise the rolling code (\triangleright page 368).

 Release button (6) of remote control (5) of the garage door drive.

If indicator lamp ① lights up red: repeat the programming process for the corresponding button on the rear-view mirror. When doing so, vary the distance between remote control (5) and the rear-view mirror.

The required distance between remote control (5) and the integrated garage door opener depends on the garage door drive system. Several attempts may be required. You should test every position for at least 25 seconds before trying another position.

Synchronising the rolling code

Observe the "Important safety notes" (▷ page 367).

If the garage door system uses a rolling code, you will also have to synchronise the garage door system with the integrated garage door opener in the rear-view mirror. To do this, you will need to use the programming button on the door drive control panel. The programming button may be placed at different locations depending on the manufacturer. It is usually located on the door drive unit on the garage ceiling.

Familiarise yourself with the garage door drive operating instructions, e.g. under "Programming of additional remote controls", before carrying out the following steps.

Your vehicle must be within range of the garage door or gate opener drive. Make sure that neither your vehicle nor any persons/objects are present within the sweep of the door or gate.

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- Get out of the vehicle.
- Press the programming button on the door drive unit.

Usually, you now have 30 seconds to initiate the next step.

- Get into the vehicle.
- Press previously programmed button (2), (3) or (4) of the integrated garage door opener until the door closes.
 The rolling code synchronisation is then complete.

Problems when programming

If you have problems when programming the integrated garage door opener, please note the following:

- Check the transmitter frequency used by garage door drive remote control (5) and whether it is supported. The transmitter frequency can usually be found on the back of the garage door drive remote control.
- Replace the batteries in garage door remote control (5). This increases the likelihood that garage door remote control (5) will transmit a strong and precise signal to the integrated garage door opener in the rear-view mirror.
- When programming, hold remote control (5) at varying distances and angles from the button which you are programming. Try various angles at a distance between 5 and 20 cm or at the same angle but at varying distances.
- If there is another remote control for the same garage door drive, perform the programming steps again using this remote control. Before performing these steps, make sure that new batteries have been fitted in garage door drive remote control (5).
- Note that some remote controls transmit only for a limited period (the indicator lamp on the remote control goes out). Press button (3) on remote control (5) again before transmission ends.
- Align the aerial cable of the garage door opener unit. This can improve signal reception/transmission.

Opening or closing the garage door

Once programmed, the integrated garage door opener will assume the function of the garage door system's remote control. Please also read the operating instructions for the garage door system.

- ► Turn the key to position 2 in the ignition lock (> page 158).
- Press button ②, ③ or ④ which you have programmed to operate the garage door. Garage door system with a fixed code: indicator lamp ① lights up green.

Garage door system with a rolling code: indicator lamp 1 flashes green.

The transmitter will transmit a signal for as long as the button is pressed. The transmission is halted after a maximum of ten seconds and indicator lamp (1) lights up yellow.

▶ Press button ②, ③ or ④ again if necessary.

Clearing the memory

Make sure that you clear the memory of the integrated garage door opener before selling the vehicle.

- ► Turn the key to position 2 in the ignition lock (▷ page 158).
- Press and hold buttons ② and ④. The indicator lamp initially lights up yellow and then green.
- Release buttons (2) and (4). The memory of the integrated garage door opener in the rear-view mirror is cleared.

Frequencies

Europe

Country	Radio type approval num- ber Frequency range (MHz)
AD (Andorra)	20 July 2005 MHz: 27, 30, 40, 433, 868
AT (Austria)	Article 6 of Directive 1999/5/EC R&TTE 18 May 05 MHz: 27, 40, 433, 868
BE (Belgium)	Article 6 of Directive 1999/5/EC R&TTE 18 May 05 MHz: 27, 40, 433, 868
BG (Bulgaria)	Article 6 of Directive 1999/5/EC R&TTE 12 April 07 MHz: 27, 40, 433, 868

Country	Radio type approval num- ber Frequency range (MHz)
CH (Switzer- land)	Article 6 of Directive 1999/5/EC R&TTE 14357 27 May 05 MHz: 27, 40, 433, 868
CY (Cyprus)	Article 6 of Directive 1999/5/EC R&TTE 5 May 05 MHz: 27, 40, 433, 868
CZ (Czech Republic)	General Licence GL-30/R/ 2000 Reg No. 844 13 May 05 MHz: 27, 40, 433
DK (Den- mark)	Article 6 of Directive 1999/5/EC R&TTE 20 April 05 MHz: 27, 40, 433, 868
DE (Ger- many)	Article 6 of Directive 1999/5/EC R&TTE 7519301 29 April 05 MHz: 27, 40, 433, 868
EE (Estonia)	Article 6 of Directive 1999/5/EC R&TTE 11 May 05 MHz: 27, 40, 433, 868
ES (Spain)	000438/2005, 000439/2005, 000440/2005 000441/2005, 000445/2005, 000446/2005 000447/2005 MHz: 27, 40, 433, 868
Fl (Finland)	Article 6 of Directive 1999/5/EC R&TTE 10668 13 May 05 MHz: 27, 40, 433, 868
FR (France)	Article 6 of Directive 1999/5/EC R&TTE 10668 13 May 05 MHz: 27, 30, 40, 433, 868
GI (Gibraltar)	Article 6 of Directive 1999/5/EC R&TTE 10668 13 May 05 (UK) MHz: 27, 40, 418, 433, 868

370 Features

Country	Radio type approval num- ber Frequency range (MHz)	Country	Radio type approval num- ber Frequency range (MHz)
GR (Greece)	Article 6 of Directive 1999/5/EC R&TTE 11409/18/4/2005 18 May 05	LI (Liechten- stein)	Article 6 of Directive 1999/5/EC R&TTE 14357 27 May 05 MHz: 27, 40, 433, 868
HR (Croatia)	MHz: 27, 40, 433, 868 SDR 224/06 MHz: 27, 40, 433, 868	LT (Lithuania)	Article 6 of Directive 1999/5/EC R&TTE 27.4-1B-1609 6 May 05 MHz: 27, 40, 433, 868
HU (Hungary)	Article 6 of Directive 1999/5/EC R&TTE 18 May 05 MHz: 27, 40, 433, 868	LU (Luxem- bourg)	Article 6 of Directive 1999/5/EC R&TTE 150405/9538 24 May 05 MHz: 27, 40, 433, 868
Islands) 000439/2005 000440/2005 000441/2005	000438/2005, 000439/2005 000440/2005, 000441/2005 000445/2005,	LV (Latvia)	Article 6 of Directive 1999/5/EC R&TTE 27.4-18-1609 26 April 06 MHz: 27, 40, 433, 868
	000446/2005 000447/2005, 3 June 2005 MHz: 27, 40, 433, 868	MC (Monaco)	Article 6 of Directive 1999/5/EC R&TTE 10668 13 May 05 MHz: 27, 40, 433, 868
IE (Ireland)	Article 6 of Directive 1999/5/EC R&TTE 18 May 05 MHz: 27, 40, 433, 868	MT (Malta)	Article 6 of Directive 1999/5/EC R&TTE 18 May 05
IS (Iceland)	Article 6 of Directive 1999/5/EC R&TTE 18 May 05 MHz: 27, 40, 433, 868	NL (Nether- lands)	MHz: 27, 40, 433, 868 Article 6 of Directive 1999/5/EC R&TTE 18 May 05 MHz: 27, 40, 433, 868
15347 DGPGSR/II/3474 15348 DGPGSR/II/3474 15350 DGPGSR/II/3474 15357 DGPGSR/II/3474	DGPGSR/II/347487/FOR/ 15348 DGPGSR/II/347487/FOR/	NO (Norway)	Article 6 of Directive 1999/5/EC R&TTE 05/02424-SA644 18 May 05 MHz: 27, 40, 433, 868
	DGPGSR/II/347487/FOR/	PL (Poland)	Article 6 of Directive 1999/5/EC R&TTE 21 April 05 MHz: 27, 40, 433, 868
	DGPGSR/II/347487/FOR/ 15359	PT (Portugal)	ANCOM-S08399/05 MHz: 27, 40, 433, 868
	MHz: 27, 40, 433, 868	RO (Roma- nia)	Article 6.4 of Directive 1999/5/EC R&TTE MHz: 27, 30, 40, 433, 868

Country	Radio type approval num- ber Frequency range (MHz)
RU (Russian Federation)	POCC DE.MJ05.H00015 13 May 05 MHz: 433
SE (Sweden)	Article 6 of Directive 1999/5/EC R&TTE 18 May 05 MHz: 27, 40, 433, 868
SI (Slovenia)	Article 6 of Directive 1999/5/EC R&TTE 500-1/2005-437 9 May 05 MHz: 27, 40, 433, 868
SK (Slovakia)	Article 6 of Directive 1999/5/EC R&TTE Slovak 206/11/2005 4 May 05 MHz: 27, 40, 433, 868
UK (United Kingdom)	Article 6 of Directive 1999/5/EC R&TTE 18 May 05 MHz: 27, 40, 418, 433, 868

Africa

Country	Radio type approval num- ber Frequency range (MHz)
EG (Egypt)	W-KLE-17/08 Mar. 06 MHz: 27, 30, 40, 418, 433, 868
RE (Réunion)	Article 6 of Directive 1999/5/EC R&TTE 11 July 05 MHz: 27, 40, 433, 868
ZA (South Africa)	11 October 2005 MHz: 27, 40, 433

America

Country	Radio type approval num- ber Frequency range (MHz)
BB (Barba- dos)	Registration not required MHz: 27, 40, 433, 868
CL (Chile)	38447/F-23 No.3.3634 MHz: 40, 433 3943/DFRS05165/F-50 MHz: 280 to 433
GF (French Guyana)	Article 6 of Directive 1999/5/EC R&TTE 10668 13 May 05 MHz: 27, 30, 40, 433, 868
GP (Guade- loupe)	Article 6 of Directive 1999/5/EC R&TTE 10668 13 May 05 MHz: 27, 30, 40, 433, 868
MQ (Martini- que)	Article 6 of Directive 1999/5/EC R&TTE 11 July 05 MHz: 27, 30, 40, 433, 868
MX (Mexico)	MHz: 280 to 390

Asia

Country	Radio type approval num- ber Frequency range (MHz)
AE (United Arab Emi- rates)	1623/5/10-2/26/76 MHz: 433
JO (Jordan)	TRC/LPD/2005/23 MHz: 27, 30, 40, 433, 868
KW (Kuwait)	5 October 2005 MHz: 27, 30, 40, 418, 433, 868
SA (Saudi Arabia)	11_02_05/5024-5-6 MHz: 418, 433
SY (Syria)	279/4/14 / 05 March 06
TR (Turkey)	National Certification 23 July 07 MHz: 433

372 Features

Australia

Country	Radio type approval num- ber Frequency range (MHz)
AU (Aus-	28 June 2005
tralia)	MHz: 27, 30, 40, 433, 868
NZ (New Zea-	20 March 06
land)	MHz: 27, 30, 40, 433

Retrofitted anti-glare film

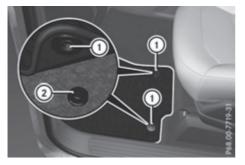
Retrofitted anti-glare film on the inside of the windows can interfere with radio/mobile telephone reception. This is particularly the case for conductive or metallic-coated films. You can obtain information about anti-glare film from a qualified specialist workshop.

Floormats

MARNING ∧

Objects in the driver's footwell may restrict the clearance around the pedals or block a depressed pedal. This jeopardises the operating and road safety of the vehicle. There is a risk of an accident.

Stow all objects securely in the vehicle so that they do not get into the driver's footwell. Always fit the floormats securely and as prescribed in order to ensure that there is always sufficient room for the pedals. Do not use loose floormats and do not place several floormats on top of one another.



- Driver's and front-passenger seat: slide the corresponding seat backwards.
- Rear seats: slide the corresponding front seat forwards.
- ► To fit: lay the floormat in the footwell.
- ▶ Press studs ① onto retainers ②.
- ► **To remove:** pull the floormat from retainers (2).
- ▶ Remove the floormat.

Useful information

1 This Owner's Manual describes all models, series and optional equipment for your vehicle that were available at the time of going to press. National variations are possible. Note that your vehicle may not be equipped with all of the functions described. This is also the case for systems and functions relevant to safety.

 Read the information on qualified specialist workshops: (▷ page 28).

Engine compartment

Bonnet

Important safety notes

▲ WARNING

An unlocked bonnet may open up when the vehicle is in motion and block your view. There is a risk of an accident.

Never unlock the bonnet when driving. Before every trip, ensure that the bonnet is locked.

When being opened and closed, the bonnet may suddenly fall into the closed position. There is a risk of injury to persons in the range of movement of the bonnet.

Open and close the bonnet only when nobody is in the range of movement.

▲ WARNING

If you open the bonnet while the engine is overheating or while there is a fire in the engine compartment, you could come into contact with hot gases or other leaking service products. There is a danger of injury.

Allow an overheating engine to cool down before opening the bonnet. If there is a fire in the engine compartment, leave the bonnet closed and notify the fire brigade.

MARNING

There are moving components in the engine compartment. Certain components may continue to move or suddenly move again even after the ignition has been switched off, e.g. the radiator fan. There is a risk of injury.

If you have to carry out work in the engine compartment:

- switch off the ignition
- never touch the dangerous areas surrounding moving components, e.g. the rotation area of the fan
- remove jewellery and watches
- keep items of clothing and hair, for example, away from moving parts.

The ignition system and the fuel injection system operate with a high voltage. If you touch the live components, you could receive an electric shock. There is a danger of injury. Never touch components of the ignition system or the fuel injection system when the ignition is switched on.

Active bonnet (pedestrian protection)

Operating principle

- An active bonnet that had been triggered must be repaired at a qualified specialist workshop. The active bonnet function will then be available again. The additional pedestrian protection provided by the active bonnet will then be restored.
- **1** The active bonnet is only available in certain countries. It is available for all models, except for the Mercedes-AMG GL 63.
- **1** The active bonnet is only available in certain countries. It is available for all models, except for the Mercedes-AMG GLE 63.

The active bonnet can reduce the risk of injury to pedestrians in certain accident situations. Raising the active bonnet increases the clearance to hard components, such as the engine.

If the active bonnet has been triggered, it is raised at the rear in the area around the hinge by

approximately 100 mm. The active bonnet is triggered by pyrotechnics.

For the drive to the workshop, reset the triggered active bonnet yourself. After being reset, the active bonnet rests in the area of the hinges on the seals, and the hinges do not engage. For this reason, we recommend that you do not exceed a maximum permissible speed of 130 km/h on the way to the workshop. If the active bonnet has been triggered, pedestrian protection may be limited.

Resetting



► With your hand flat near the hinges (arrows), push down active bonnet ① until it rests on the seals.

Opening the bonnet

▲ WARNING

Certain components in the engine compartment could be very hot, e.g. the engine, the radiator and parts of the exhaust system. There is a risk of injury when accessing the engine compartment.

As far as possible, allow the engine to cool down and only touch the components described in the following.

MARNING

When the bonnet is open, and the windscreen wipers are set in motion, you can be injured by the wiper linkage. There is a risk of injury.

Always switch off the windscreen wipers and the ignition before opening the bonnet.

Make sure that the windscreen wipers are not folded away from the windscreen. Other-

wise, you could damage the windscreen wipers or the bonnet.



- Make sure that the windscreen wipers are switched off.
- ▶ Pull release lever ① on the bonnet. The bonnet is released.



Reach into the gap, pull bonnet catch handle ② up and lift the bonnet. If you lift the bonnet by approximately 40 cm, the bonnet is opened and held open automatically by the gas-filled strut.

Closing the bonnet

- Lower the bonnet and let it fall from a height of approximately 20 cm.
- Check that the bonnet has engaged properly. If the bonnet can be raised slightly, it is not properly engaged. Open it again and close it with a little more force.

Radiator

Vehicles with a diesel engine: do not cover the radiator. Do not use thermal mats, insect protection covers or anything similar. Doing so can cause the Onboard Diagnostics System to display inaccurate values. Some of these values are legally required and must always be correct.

Engine oil

General notes

Depending on your driving style, the vehicle consumes up to 0.8 litres of oil per 1,000 km. The oil consumption may be higher than this when the vehicle is new or if you frequently drive at high engine speeds.

Depending on the engine, the oil dipstick may be installed at a different location.

When checking the oil level:

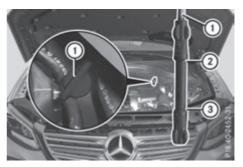
- park the vehicle on a level surface.
- the engine should be switched off for approximately five minutes if the engine is at normal operating temperature.
- if the engine is not at normal operating temperature, e.g. if the engine was only started briefly, wait approximately 30 minutes before carrying out the measurement.

Checking the oil level using the oil dipstick

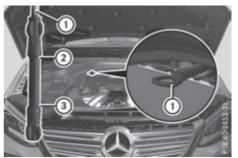
▲ WARNING

Certain components in the engine compartment could be very hot, e.g. the engine, the radiator and parts of the exhaust system. There is a risk of injury when accessing the engine compartment.

As far as possible, allow the engine to cool down and only touch the components described in the following.



Example: vehicles with a petrol engine



Example: vehicles with a diesel engine

- ▶ Pull dipstick ① out of the dipstick tube.
- ▶ Wipe off oil dipstick ①.
- Slowly slide oil dipstick ① into the guide tube to the stop, and take it out again.
 If the level is between MIN mark ③ and MAX mark ②, the oil level is correct.
- ► If the oil level has dropped to MIN mark ③ or below, top up with 1.0 I of engine oil.

Topping up engine oil

▲ WARNING

Certain components in the engine compartment could be very hot, e.g. the engine, the radiator and parts of the exhaust system. There is a risk of injury when accessing the engine compartment.

As far as possible, allow the engine to cool down and only touch the components described in the following.

▲ WARNING

If engine oil comes into contact with hot components in the engine compartment, it may ignite. There is a risk of fire and injury.

Make sure that engine oil does not spill out over the filler neck. Allow the engine to cool down and thoroughly clean the components that have come into contact with engine oil before you start the engine.

Environmental note

When topping up the oil, take care not to spill any. If oil enters the soil or waterways, it is harmful to the environment.

Only use engine oils and oil filters that have been approved for vehicles with a service system. You can obtain a list of the engine oils and oil filters tested and approved in accordance with the Mercedes-Benz Specifications for Service Products at any Mercedes-Benz Service Centre.

Damage to the engine or exhaust system is caused by the following:

- using engine oils and oil filters that have not been specifically approved for the service system
- changing the engine oil and oil filter after missing the change interval required by the service system
- using engine oil additives
- Do not add too much oil. Topping up with too much engine oil can result in damage to the engine or to the catalytic converter. Have excess engine oil siphoned off.



Example: engine oil filler cap

- ▶ Turn cap ① anti-clockwise and remove it.
- Top up the engine oil. If the oil level is at or below the MIN mark on the oil dipstick, top up with 1.0 l of engine oil.
- Replace cap (1) on the filler neck and tighten clockwise.
 Make sure that the cap locks securely into

Make sure that the cap locks securely into place.

► Check the oil level again with the oil dipstick (▷ page 375).

For further information on engine oil, see $(\triangleright \text{ page } 439)$.

Other service products

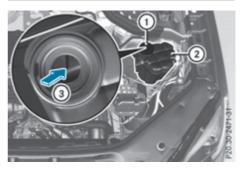
Checking the coolant level

Certain components in the engine compartment could be very hot, e.g. the engine, the radiator and parts of the exhaust system. There is a risk of injury when accessing the engine compartment.

As far as possible, allow the engine to cool down and only touch the components described in the following.

The cooling system is pressurised, particularly when the engine is warm. If you open the cap, you could be scalded if hot coolant sprays out. There is a risk of injury.

Let the engine cool down before you open the cap. Wear gloves and eye protection. Open the cap slowly to release the pressure.



▶ Park the vehicle on a level surface.

Maintenance and care

Only check the coolant level if the vehicle is on a level surface and the engine has cooled down.

► Turn the key to position 2 in the ignition lock (▷ page 158).

On vehicles with KEYLESS-GO, press the Start/Stop button twice (\triangleright page 160).

- Check the coolant temperature gauge in the multifunction display.
 The coolant temperature must be below 70 °C.
- ► Turn the key to position **0** in the ignition lock (▷ page 158).
- ► Slowly turn cap ① half a turn anti-clockwise and allow excess pressure to escape.
- ► Turn cap ① further anti-clockwise and remove it.

If the coolant is at the level of marker bar (3) in the filler neck when cold, there is enough coolant in coolant expansion tank (2).

If the coolant level is approximately 1.5 cm above marker bar (3) in the filler neck when warm, there is enough coolant in coolant expansion tank (2).

- If necessary, top up with coolant that has been tested and approved by Mercedes-Benz.
- ▶ Replace cap ① and turn it clockwise as far as it will go.

Further information on coolant (\triangleright page 441).

Topping up the windscreen washer system

Certain components in the engine compartment could be very hot, e.g. the engine, the radiator and parts of the exhaust system. There is a risk of injury when accessing the engine compartment.

As far as possible, allow the engine to cool down and only touch the components described in the following.

▲ WARNING

If windscreen washer concentrate comes into contact with hot components of the engine or the exhaust system, it can ignite. There is a risk of fire and injury. Make sure the windscreen washer concentrate does not come into contact with the filler neck.



Example: washer fluid reservoir

- ► **To open:** pull cap ① upwards by the tab.
- ► Top up with the premixed washer fluid.
- ► To close: press cap ① onto the filler neck until it engages.

If the washer fluid level drops below the recommended minimum of 1 litre, a message appears in the multifunction display prompting you to top up the washer fluid (\triangleright page 336).

Further information on windscreen washer fluid (> page 442).

ASSYST PLUS

Service message

The ASSYST PLUS service interval display informs you of the next service due date. Information on the type of service and service intervals (see the separate Service Booklet).

You can obtain further information from a Mercedes-Benz Service Centre.

(1) The ASSYST PLUS service interval display does not show any information on the engine oil level. Observe the notes on the engine oil level (▷ page 375).

The multifunction display shows a service message for a few seconds, e.g.:

- Service A in .. days
- Service A due
- Service A overdue by .. days

Depending on the operating conditions of the vehicle, the remaining time or distance until the next service due date is displayed.

The letter indicates which service is due. A stands for a minor service and B for a major service. A number or another letter may be displayed after the letter.

Only for certain countries: the position after the letter A or B indicates any necessary additional maintenance work to be performed. If you notify a qualified specialist workshop of this display, you will receive a statement on the associated costs.

The ASSYST PLUS service interval display does not take into account any periods of time during which the battery is disconnected.

Maintaining the time-dependent service schedule:

Note down the service due date displayed in the multifunction display before disconnecting the battery.

or

After reconnecting the battery, subtract the battery disconnection periods from the service date shown on the display.

Hiding service messages

Press the or OK button on the steering wheel.

Displaying service messages

- ▶ Switch the ignition on.
- Press the or button on the steering wheel to select the Serv. menu.
- Press the ▲ or ▼ button to select the ASSYST PLUS submenu and confirm by pressing the OK button.

The service due date appears in the multifunction display.

Information about Service

Resetting the ASSYST PLUS service interval display

If the ASSYST PLUS service interval display has been inadvertently reset, this setting can

be corrected at a qualified specialist workshop.

Have service work carried out as described in the Service Booklet. This may otherwise lead to increased wear and damage to the major assemblies or the vehicle.

A qualified specialist workshop, e.g. a Mercedes-Benz Dealership, will reset the ASSYST PLUS service interval display after the service work has been carried out. You can also obtain further information on maintenance work, for example.

Special service requirements

The prescribed service interval is based on normal operation of the vehicle. Service work will need to be performed more often if the vehicle is operated under arduous conditions or increased loads, for example:

- regular city driving with frequent intermediate stops
- if the vehicle is primarily used to travel short distances
- for frequent operation in mountainous terrain or on poor road surfaces
- if the engine is often left idling for long periods

In these or similar operating conditions, have, for example, the air filter, engine oil and oil filter changed more frequently. The tyres must be checked more frequently if the vehicle is operated under increased loads. Further information can be obtained at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Driving abroad

An extensive Mercedes-Benz Service network is also available in other countries. You can obtain further information from any Mercedes-Benz Service Centre.

Care

General notes

Environmental note

Dispose of empty packaging and cleaning cloths in an environmentally responsible manner.

For cleaning your vehicle, do not use any of the following:

- dry, rough or hard cloths
- abrasive cleaning agents
- solvents

 cleaning agents containing solvents Do not scrub.

Do not touch the surfaces or protective films with hard objects, e.g. a ring or ice scraper. You could otherwise scratch or damage the surfaces and protective film.

Do not park up the vehicle for an extended period straight after cleaning it, particularly after having cleaned the wheels with wheel cleaner. Wheel cleaners could cause increased corrosion of the brake discs and brake pads/linings. For this reason, you should drive for a few minutes after cleaning. Braking heats the brake discs and the brake pads/linings, thus drying them. The vehicle can then be parked up.

Regular care of your vehicle is a condition for retaining the quality in the long term.

Use care products and cleaning agents recommended and approved by Mercedes-Benz.

Washing the vehicle and cleaning the paintwork

Automatic car wash

/ WARNING

Braking efficiency is reduced after the vehicle has been washed. There is a risk of an accident.

After washing the vehicle, brake carefully while paying attention to the traffic conditions in order to restore full braking efficiency.

- Before driving into an automatic car wash, make sure that it is suitable for the dimensions of the vehicle. In particular, make sure that:
 - there is enough ground clearance between the vehicle underbody and the guide rails of the automatic car wash.
 - the clearance width of the automatic car wash is sufficient, particularly the width of the guide rails
 - you enter the automatic car wash straight and in the centre of the guide rails in order to avoid damaging the tyres or wheel rims.

Fold in the exterior mirrors before the vehicle is washed. The exterior mirrors could otherwise be damaged.

When DISTRONIC PLUS or the HOLD function is activated. the vehicle brakes automatically in certain situations.

To avoid damage to the vehicle, deactivate DISTRONIC PLUS and the HOLD function in the following or similar situations:

- when towing away
- in a car wash

Make sure that:

- the side windows and sliding sunroof are closed completely.
- the blower for the ventilation/heating is switched off (OFF button is depressed).
- the windscreen wiper switch is at position 0.

The vehicle could otherwise be damaged.

- In car washes with a towing mechanism, make sure that the automatic transmission is in transmission position N, otherwise the vehicle could be damaged.
 - Vehicles with a key:

do not remove the key from the ignition lock. Do not open the driver's door or frontpassenger door when the engine is switched off. Otherwise, the automatic transmission selects park position P automatically and locks the wheels. You can prevent this by shifting the automatic transmission to N beforehand.

Vehicles with KEYLESS-GO:

do not open the driver's door or frontpassenger door when the engine is switched off. Otherwise, the automatic transmission selects park position ${\bf P}$ automatically and locks the wheels.

Observe the following to make sure that the automatic transmission stays in position $\ensuremath{\textbf{N}}$:

- ► Make sure the vehicle is stationary and the ignition is switched off.
- ► Turn the key to position 2 in the ignition lock (▷ page 158).

Use the key instead of the Start/Stop button on vehicles with KEYLESS-GO.

- Depress the brake pedal and keep it depressed.
- ► Shift the automatic transmission to position N.
- ▶ Release the brake pedal.
- ▶ Release the electric parking brake.
- Switch off the ignition and leave the key in the ignition lock.

You can wash the vehicle in an automatic car wash from the very start.

Wash off excess dirt before cleaning the vehicle in an automatic car wash.

After using an automatic car wash, wipe off wax from the windscreen and the wiper blades. This will prevent smears and reduce wiping noises caused by residue on the windscreen.

Washing by hand

In some countries, washing by hand is only allowed at specially equipped washing bays. Observe the legal requirements for each individual country.

- Do not use hot water and do not wash the vehicle in direct sunlight.
- ▶ Use a soft sponge to clean.
- Use a mild cleaning agent, such as a car shampoo approved by Mercedes-Benz.
- Thoroughly hose down the vehicle with a gentle jet of water.
- Do not point the water jet directly towards the air inlets.
- Use plenty of water and rinse out the sponge frequently.
- Rinse the vehicle with clean water and dry thoroughly with a chamois.
- Do not let the cleaning agent dry on the paintwork.

When using the vehicle in winter, remove all traces of road salt deposits carefully and as soon as possible.

High-pressure cleaning equipment

The water jet of circular-jet nozzles (dirt grinders) can cause damage not visible from the outside to tyres or chassis components. Components damaged in this way can unexpectedly fail. There is a risk of an accident.

Do not use high-pressure cleaners with circular-jet nozzles to clean the vehicle. Have damaged tyres or chassis components replaced immediately.

Always maintain a distance of at least 30 cm between the vehicle and the high-pressure cleaner nozzle. Information about the correct distance is available from the equipment manufacturer.

Move the high-pressure cleaner nozzle around when cleaning your vehicle.

Do not aim directly at any of the following:

- tyres
- door gaps, roof gaps, joints etc.
- electrical components
- battery
- connectors
- lights
- seals
- trim elements
- ventilation slots

Damaged seals or electrical components can lead to leaks or failures.

Cleaning the paintwork

- Do not affix:
 - stickers
 - films
 - magnetic plates or similar items

to painted surfaces. You could otherwise damage the paintwork.

Scratches, corrosive deposits, areas affected by corrosion and damage caused by inadequate care cannot always be completely repaired. In such cases, visit a qualified specialist workshop.

- Remove impurities immediately, where possible, whilst avoiding rubbing too hard.
- ► Soak insect remains with insect remover and rinse off the treated areas afterwards.
- Soak bird droppings with water and rinse off the treated areas afterwards.
- Remove coolant, brake fluid, tree resin, oils, fuels and greases by rubbing gently with a cloth soaked in petroleum ether or lighter fluid.
- ▶ Use tar remover to remove tar stains.
- Use silicone remover to remove wax.

Care and treatment of matt paintwork

Never polish the vehicle or the light alloy wheels. Polishing makes the paintwork shiny.

The following may cause the paint to become shiny and thus reduce the matt effect:

- vigorous rubbing with unsuitable materials
- frequent use of car washes
- · washing the vehicle in direct sunlight

Never use paint cleaner, buffing or polishing products, or gloss preserver, e.g. wax. These products are only suitable for high-gloss surfaces. Their use on vehicles with matt paintwork leads to considerable surface damage (shiny, spotted areas).

Always have paintwork repairs carried out at a qualified specialist workshop.

Do not use wash programs with a hot wax treatment under any circumstances.

Observe these notes if your vehicle has a clear matt finish. This will help you to avoid damage to the paintwork due to incorrect treatment.

These notes also apply to light-alloy wheels with a clear matt finish.

The vehicle should preferably be washed by hand using a soft sponge, car shampoo and plenty of water.

 Use only insect remover and car shampoo from the range of recommended and approved Mercedes-Benz care products.

Cleaning vehicle parts

Cleaning the wheels

The water jet of circular-jet nozzles (dirt grinders) can cause damage not visible from the outside to tyres or chassis components. Components damaged in this way can unexpectedly fail. There is a risk of an accident.

Do not use high-pressure cleaners with circular-jet nozzles to clean the vehicle. Have damaged tyres or chassis components replaced immediately.

Do not use acidic wheel cleaning products to remove brake dust. This could damage wheel bolts and brake components.

Do not park up the vehicle for an extended period straight after cleaning it, particularly after having cleaned the wheels with wheel cleaner. Wheel cleaners could cause increased corrosion of the brake discs and brake pads/linings. For this reason, you should drive for a few minutes after cleaning. Braking heats the brake discs and the brake pads/linings, thus drying them. The vehicle can then be parked up.

Cleaning the windows

If the windscreen wipers are set in motion when cleaning the windscreen or wiper blades, you could become trapped. There is a danger of injury.

Always switch off the windscreen wipers and the ignition before cleaning the windscreen or wiper blades.

Do not use dry cloths, abrasive products, solvents or cleaning agents containing solvents to clean the inside of the windows. Do not touch the insides of the windows with hard objects, e.g. an ice scraper or ring. There is otherwise a risk of damaging the windows.

Clean the water drainage channels of the windscreen and the rear window at regular intervals. Deposits such as leaves, petals and pollen may under certain circumstances prevent water from draining away. This can lead to corrosion damage and damage to electronic components.

Clean the inside and outside of the windows with a damp cloth and a cleaning agent that is recommended and approved by Mercedes-Benz.

Cleaning the wiper blades

If the windscreen wipers are set in motion when cleaning the windscreen or wiper blades, you could become trapped. There is a danger of injury.

Always switch off the windscreen wipers and the ignition before cleaning the windscreen or wiper blades.

Do not pull on the wiper blade. Otherwise, the wiper blade could be damaged.

- Do not clean wiper blades too often and do not rub them too hard. Otherwise, the graphite coating could be damaged. This could cause wiper noise.
- Hold the wiper arm securely when folding back. The windscreen could be damaged if the wiper arm hits against it suddenly.
- ► Fold the wiper arms away from the windscreen (▷ page 131).
- Clean the wiper blades carefully using a damp cloth.
- Fold the windscreen wipers back again before switching on the ignition.

Cleaning the exterior lighting

- Only use cleaning agents or cleaning cloths that are suitable for plastic lenses. Unsuitable cleaning agents or cleaning cloths could scratch or damage the plastic lenses of the exterior lighting.
- Clean the plastic lenses of the exterior lighting using a wet sponge and a mild cleaning agent, e.g. Mercedes-Benz car shampoo or cleaning cloths.

Cleaning the mirror turn signal

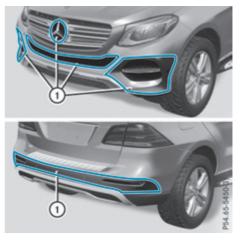
- Only use cleaning agents or cleaning cloths that are suitable for plastic lenses. Unsuitable cleaning agents or cleaning cloths could scratch or damage the plastic lenses of the mirror turn signals.
- Clean the plastic lenses of the mirror turn signals in the exterior mirror housing using a wet sponge and mild cleaning agent, e.g. Mercedes-Benz car shampoo or cleaning cloths.

Cleaning the side running board

Do not clean the aluminium inserts of the side running board with alkaline or acidic cleaners, such as wheel cleaner. Do not use acidic wheel cleaners to remove brake dust. The aluminium inserts could otherwise be damaged.

Cleaning the sensors

If you clean the sensors with a high-pressure cleaner, make sure that you keep a distance of at least 30 cm between the vehicle and the high-pressure cleaner nozzle. Information about the correct distance is available from the equipment manufacturer.



Clean sensors ① of the driving systems with water, car shampoo and a soft cloth.

Cleaning the reversing camera

Do not clean the camera lens and the area around the reversing camera with a high-pressure cleaner.



- ► Make sure that the vehicle is stationary and that the key is in position 2 in the ignition lock.
- Open the camera cover for cleaning via the multimedia system (see separate operating instructions).
- ► To clean the reversing camera: use clean water and a soft cloth to clean camera lens ①.

Cleaning the 360° camera

Do not clean the camera lens and the area around the 360° camera with a high-pressure cleaner.360



- Make sure that the vehicle is stationary and that the key is in position 2 in the ignition lock.
- Open the camera cover for cleaning via the multimedia system (see separate operating instructions).
- ► To clean the reversing camera: use clean water and a soft cloth to clean camera lens ①.

Cleaning the exhaust pipe

The exhaust tail pipe and tail pipe trim can become very hot. If you come into contact with these parts of the vehicle, you could burn yourself. There is a risk of injury.

Always be particularly careful around the exhaust tail pipe and the tail pipe trim. Allow these components to cool down before touching them.

Mercedes-AMG GLE 63 vehicles with black exhaust pipes: black chromed exhaust tips should not be polished with a chrome polish. They will otherwise lose their black shine. For optimal care, the tips should be rubbed with a lightly oiled cloth after every car wash. Commercially available engine and care oils are suitable for this.

For heavier soiling, you can apply a fine paintwork polish with a microfibre cloth. Remove the excess polish residue after polishing.

Impurities combined with the effects of road grit and corrosive environmental factors may cause flash rust to form on the surface. You can restore the original shine of the exhaust pipe by cleaning it regularly, especially in winter and after washing the vehicle.

 Clean the exhaust pipe with a chrome care product tested and approved by Mercedes-Benz.

Cleaning the trailer tow hitch

Environmental note

Dispose of oily and greasy cloths in an environmentally-responsible manner.

Do not clean the ball coupling with a highpressure cleaner. Do not use solvents.

Please note the care instructions in the trailer coupling manufacturer's operating instructions.



The ball coupling must be cleaned if it becomes dirty or corroded.

- Remove rust on the ball of the ball coupling, e.g. with a wire brush.
- Remove dirt with a clean, lint-free cloth or a brush.
- ► After cleaning, lightly oil or grease ball coupling ①.
- Check that the vehicle's trailer tow hitch is working properly.
- You can also have the maintenance work on the ball coupling and the trailer tow hitch carried out by a qualified specialist workshop.

Interior care

Cleaning the display

For cleaning, do not use any of the following:

- alcohol-based thinner or petrol
- abrasive cleaning agents
- commercially-available household cleaning agents

These may damage the display surface. Do not put pressure on the display surface when cleaning. This could lead to irreparable damage to the display.

- Before cleaning the display, make sure that it is switched off and has cooled down.
- Clean the display surface using a commercially available microfibre cloth and TFT/LCD display cleaner.
- Dry the display surface using a dry microfibre cloth.

Cleaning the plastic trim

MARNING

Care products and cleaning agents containing solvents can cause surfaces in the cockpit to become porous. This could result in plastic parts breaking away when the airbags are deployed. There is a danger of injury.

Do not use care products and cleaning agents containing solvents to clean the cockpit.

- Do not affix the following to plastic surfaces:
 - stickers
 - films
 - scented oil bottles or similar items

You could otherwise damage the plastic.

- Do not allow cosmetics, insect repellent or sunscreen to come in contact with the plastic trim. This maintains the high-quality look of the surfaces.
- ► Wipe the plastic trim with a damp, lint-free cloth, e.g. a microfibre cloth.
- Heavy soiling: use car care and cleaning products recommended and approved by Mercedes-Benz.

The surface may change colour temporarily. Wait until the surface is dry again.

Cleaning the steering wheel and gear or selector lever

Thoroughly wipe with a damp cloth or use leather care agents that have been recommended and approved by Mercedes-Benz.

Cleaning wooden trim and trim elements

- Do not use solvent-based cleaning agents such as tar remover, wheel cleaners, polishes or waxes. There is otherwise a risk of damaging the surface.
- ▶ Wipe the wooden trim and trim elements with a damp, lint-free cloth, e.g. a microfibre cloth.
- Heavy soiling: use car care and cleaning products recommended and approved by Mercedes-Benz.

Cleaning the seat covers

General notes

Do not use a microfibre cloth to clean covers made out of real leather, artificial leather or DINAMICA. If used frequently, this can damage the cover.

1 Note that regular care is essential to make sure that the appearance and comfort of the covers are retained over time.

Genuine leather seat covers

- To retain the natural appearance of the leather, observe the following cleaning instructions:
 - · Clean genuine leather covers carefully with a damp cloth and then wipe the covers down with a dry cloth.
 - Make sure that the leather does not become soaked. It may otherwise become rough and cracked.
 - Only use leather care agents that have been tested and approved by Mercedes-Benz. You can obtain these from a qualified specialist workshop.

Leather is a natural product.

It has natural surface properties, e.g.:

- unevenness in structure
- marks caused by growth and injury
- subtle colour differences

These are characteristics of leather and not material faults.

Seat covers from other materials

Observe the following when cleaning:

- clean artificial leather covers with a cloth moistened with a solution containing 1% detergent (e.g. washing-up liquid).
- clean cloth covers with a microfibre cloth moistened with a solution containing 1% detergent (e.g. washing-up liquid). Rub carefully, and always wipe entire seat sections to avoid leaving visible lines. Leave the seat to dry afterwards. Cleaning results depend on the type of dirt and how long it has been there.
- Clean DINAMICA covers with a damp cloth. Make sure that you wipe entire seat sections to avoid leaving visible lines.

Cleaning the seat belts

∕ ₩ARNING

Seat belts may be severely weakened if bleached or coloured. This may lead to the seat belts, for example, tearing or failing in an accident. There is an increased risk of injury, possibly even fatal.

Never bleach or colour seat belts.

- Do not clean the seat belts using chemical cleaning agents. Do not dry the seat belts at temperatures above 80 °C or in direct sunlight.
- Use clean, lukewarm water and soap solution.

Cleaning the roof lining and carpets

- Roof lining: if it is very dirty, use a soft brush or dry shampoo.
- Carpets: use the carpet and textile cleaning agents recommended and approved by Mercedes-Benz.

Useful information

- This Owner's Manual describes all models, series and optional equipment for your vehicle that were available at the time of going to press. National variations are possible. Note that your vehicle may not be equipped with all of the functions described. This is also the case for systems and functions relevant to safety.
- Read the information on qualified specialist workshops: (▷ page 28).

Where will I find ...?

Warning triangle

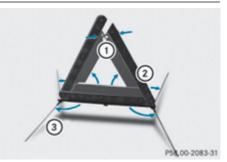
Removing the warning triangle



Warning triangle (1) is located in the stowage well under the luggage compartment floor.

- Depending on the vehicle's equipment, the warning triangle may also be located in other places under the luggage compartment floor.
- ▶ Open the tailgate.
- ► Lift the luggage compartment floor upwards (> page 359).
- ▶ Remove warning triangle ①.

Setting up the warning triangle



- ▶ Fold legs ③ out to the side.
- Fold side reflectors (2) upwards to form a triangle and lock them at the top using press stud (1).

First-aid kit



- ▶ Open the tailgate.
- ▶ Remove first-aid kit ① from the luggage net.

Check the expiry date on the first-aid kit at least once a year. Replace the contents if necessary, and replace any missing items.

Fire extinguisher



- ▶ Pull tab ① upwards.
- ▶ Remove fire extinguisher ②.

Have the fire extinguisher refilled after each use and checked every one or two years. It may otherwise fail in an emergency.

Observe the legal requirements for each individual country.

Vehicle tool kit

General notes

The vehicle tool kit can be found in the stowage well under the luggage compartment floor.

Apart from some country-specific variants, vehicles are not equipped with tyre-changing tools. Some tools for changing a wheel are specific to the vehicle. For more information on which tools are required to perform a wheel change on your vehicle, consult a qualified specialist workshop.

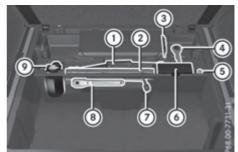
Necessary tyre-changing tools can include, for example:

- Jack
- Wheel chock
- Wheel wrench
- Ratchet ring spanner
- Centring pin
- 1 The jack weighs approximately 3.4 kg.

The maximum load bearing capacity of the jack can be found on the adhesive label on the jack.

The jack is maintenance-free. If there is a malfunction, please contact a qualified specialist workshop.

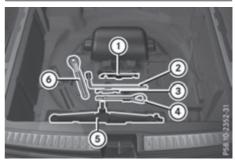
Vehicles with a TIREFIT kit



- Jack
- Warning triangle
- ③ Folding wheel chock
- (4) Towing eye
- 5 Centring pin
- (6) Tyre inflation compressor
- ⑦ Wheel wrench
- (8) Ratchet ring spanner
- () Tyre sealant filler bottle
- ▶ Open the tailgate.
- ► Lift the luggage compartment floor upwards (▷ page 359).
- Use the TIREFIT kit (\triangleright page 389).
- 1 The tyre inflation compressor weighs approximately 1.6 kg.

The tyre inflation compressor is maintenancefree. If there is a malfunction, please contact a qualified specialist workshop.

Vehicles with a "Minispare" emergency spare wheel



- ① Folding wheel chock
- ② Wheel wrench
- ③ Centring pin

- ④ Towing eye
- 5 Jack
- ⑥ Ratchet ring spanner
- ▶ Open the tailgate.
- ► Lift the luggage compartment floor upwards (▷ page 359).
- ▶ Remove the "Minispare" emergency spare wheel (▷ page 429).

Flat tyre

Preparing the vehicle

Your vehicle may be equipped with:

 MOExtended tyres (tyres with run-flat characteristics)

Vehicle preparation is not necessary on vehicles with MOExtended tyres.

- a TIREFIT kit (▷ page 387)
- an emergency spare wheel (certain countries only)

Information on changing and fitting a wheel (> page 413).

- Stop the vehicle as far away as possible from traffic on solid, non-slippery and level ground.
- Switch on the hazard warning lamps.
- ► Safeguard the vehicle against rolling away (▷ page 191).
- If possible, bring the front wheels into the straight-ahead position.
- ► Vehicles with the AIRMATIC package: make sure that the normal vehicle level is selected (▷ page 222).
- ► Vehicles with the Off-Road Engineering package: make sure that the normal vehicle level is selected (> page 216).
- Switch off the engine.
- Vehicles without KEYLESS-GO: remove the key from the ignition lock.
- Vehicles with KEYLESS-GO: open the driver's door.

The on-board electronics now have status ${\bf 0}.$ This is the same as the key having been removed.

- ► Vehicles with KEYLESS-GO: remove the Start/Stop button from the ignition lock (▷ page 158).
- Make sure that the passengers are not endangered as they do so. Make sure that no one is

near the danger area while a wheel is being changed. Anyone who is not directly assisting in the wheel change should, for example, stand behind the barrier.

- Get out of the vehicle. Pay attention to traffic conditions when doing so.
- Close the driver's door.
- ▶ Place the warning triangle at a suitable distance (▷ page 386). Observe legal requirements.
- Unload heavy luggage.
- (1) Only operate the tyre inflation compressor using a 12 V socket, even if the ignition is turned off (▷ page 364).

An emergency cut-off ensures that the onboard voltage does not drop too low. If the onboard voltage is too low, the power to the sockets is automatically cut. This ensures that there is sufficient power to start the engine.

MOExtended tyres (tyres with run-flat characteristics)

General notes

With MOExtended tyres (tyres with run-flat characteristics), you can continue to drive your vehicle even if there is a total loss of pressure in one or more tyres. The affected tyre must not show any clearly visible damage.

You can recognise MOExtended tyres by the MOExtended marking which appears on the tyre wall. You will find this marking next to the tyre size designation, the load-bearing capacity and the speed index.

MOExtended tyres may only be used in conjunction with an activated tyre pressure loss warning system or tyre pressure monitor.

If a pressure loss warning message appears in the multifunction display:

- observe the instructions in the display messages (▷ page 330)
- check the tyre for damage
- if driving on, observe the following notes

The driving distance possible in run-flat mode is approximately 80 km when the vehicle is partially laden and approximately 30 km when the vehicle is fully laden. In addition to the vehicle load, the driving distance possible depends upon:

- vehicle speed
- road condition
- outside temperature

The driving distance possible in run-flat mode may be reduced by extreme driving conditions/ manoeuvres, or it can be increased through a moderate style of driving.

The driving distance possible in run-flat mode is counted from the moment the tyre pressure loss warning appears in the multifunction display. You must not exceed a maximum speed of 80 km/h.

When replacing one or all tyres, observe the following specifications for your vehicle's tyres:

- size
- type and
- the "MOExtended" mark

If a tyre has gone flat and cannot be replaced with an MOExtended tyre, a standard tyre may be used as a temporary measure. Make sure that you use the proper size and type (summer or winter tyres).

(1) Vehicles with MOExtended tyres are not equipped with a TIREFIT kit at the factory. It is therefore recommended that you additionally equip your vehicle with a TIREFIT kit if you fit tyres that do not feature run-flat characteristics, e.g. winter tyres. A TIREFIT kit can be obtained from a qualified specialist workshop.

Important safety notes

▲ WARNING

When driving in emergency mode, the driving characteristics deteriorate, e.g. when cornering, accelerating quickly and when braking. There is a risk of accident.

Do not exceed the stated maximum speed. Avoid abrupt steering and driving manoeuvres, and driving over obstacles (kerbs, potholes, off-road). This applies in particular to a laden vehicle. Stop driving in emergency mode if:

- you hear banging noises.
- the vehicle starts to shake.
- you see smoke and smell rubber.
- ESP[®] is intervening constantly.
- there are tears in the sidewalls of the tyre.

After driving in emergency mode, have the wheel rims checked at a qualified specialist workshop with regard to their further use. The faulty tyre must be replaced.

TIREFIT kit

Important safety notes

TIREFIT is a tyre sealant.

You can use TIREFIT to seal punctures of up to 4 mm, particularly those in the tyre tread. You can use TIREFIT at outside temperatures down to -20 $^{\circ}$ C.

MARNING

In the following situations, the tyre sealant is unable to provide sufficient breakdown assistance, as it is unable to seal the tyre properly:

- there are cuts or punctures in the tyre larger than those mentioned above.
- the wheel rim is damaged.
- you have driven at very low tyre pressures or on a flat tyre.

There is a risk of an accident.

Do not drive any further. Contact a qualified specialist workshop.

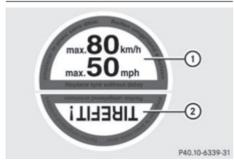
The tyre sealant is harmful and causes irritation. It must not come into contact with your skin, eyes or clothing or be swallowed. Do not inhale TIREFIT fumes. Keep tyre sealant away from children. There is a risk of injury. If you come into contact with the tyre sealant, observe the following:

- Rinse off the tyre sealant from your skin immediately with water.
- If the tyre sealant comes into contact with your eyes, immediately rinse them thoroughly with clean water.
- If tyre sealant is swallowed, immediately rinse your mouth out thoroughly and drink plenty of water. Do not induce vomiting, and seek medical attention immediately.
- Immediately change out of clothing which has come into contact with tyre sealant.
- If an allergic reaction occurs, seek medical attention immediately.

Do not operate the tyre inflation compressor for longer than eight minutes at a time without a break. It may otherwise overheat. The tyre inflation compressor can be operated again once it has cooled down.

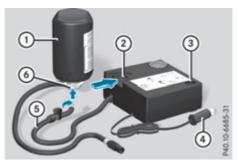
Comply with the manufacturer's safety instructions on the sticker on the tyre inflation compressor.

Using the TIREFIT kit

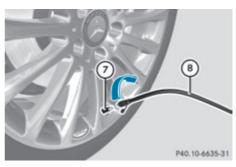


- Do not remove any foreign objects which have penetrated the tyre, e.g. screws or nails.
- Remove the tyre sealant bottle, the accompanying TIREFIT sticker and the tyre inflation compressor from the stowage well underneath the luggage compartment floor (> page 387).

- ► Affix part ① of the TIREFIT sticker to the instrument cluster within the driver's field of vision.
- ► Affix part ② of the TIREFIT sticker near the valve on the wheel with the defective tyre.



- Pull plug ④ with the cable and hose ⑤ out of the tyre inflation compressor housing.
- Screw hose (5) onto flange (6) of tyre sealant bottle (1).
- Place tyre sealant bottle ① head downwards into recess ② of the tyre inflation compressor.



- ▶ Remove the cap from valve ⑦ on the faulty tyre.
- ▶ Screw filler hose ⑧ onto valve ⑦.
- Insert connector ④ into a socket in your vehicle.

Cigarette lighter socket: (▷ page 364) 12 V sockets: (▷ page 364)

Observe the notes on the cigarette lighter (\triangleright page 364). Observe the notes on sockets (\triangleright page 364).

► Turn the key to position 1 in the ignition lock (▷ page 158). Press on and off switch (3) on the tyre inflation compressor to I.

The tyre inflation compressor is switched on. The tyre is inflated.

First, tyre sealant is pumped into the tyre. The pressure may briefly rise to approximately 500 kPa (5 bar/73 psi).

Do not switch off the tyre inflation compressor during this phase.

► Let the tyre inflation compressor run for a maximum of five minutes. The tyre should then have attained a pressure of at least 180 kPa (1.8 bar/26 psi).

If a pressure of 180 kPa (1.8 bar/26 psi) has been attained after five minutes, see "Tyre pressure reached" (\triangleright page 391).

If a tyre pressure of 180 kPa (1.8 bar/26 psi) has not been attained after five minutes, see "Tyre pressure not reached" (\triangleright page 391).

If tyre sealant leaks out, make sure you clean the affected area as quickly as possible. It is preferable to use clear water.

If you get tyre sealant on your clothing, have it cleaned as soon as possible with perchloroethylene.

Tyre pressure not reached

If a pressure of 180 kPa (1.8 bar/26 psi) has not been attained after five minutes:

- ▶ Switch off the tyre inflation compressor.
- ▶ Unscrew the filler hose from the valve of the faulty tyre.

Please note that tyre sealant may leak out when unscrewing the filler hose.

- Very slowly drive forwards or reverse approximately 10 m.
- ▶ Pump up the tyre again.

After a maximum of five minutes the tyre pressure must be at least 180 kPa (1.8 bar/ 26 psi).

WARNING

If the required tyre pressure is not reached after the specified time, the tyre is too badly damaged. The tyre sealant cannot repair the tyre in this instance. Damaged tyres and a tyre pressure that is too low can significantly impair the vehicle's braking and driving characteristics. There is a risk of accident.

Do not continue driving. Contact a qualified specialist workshop.

Tyre pressure reached

WARNING

A tyre temporarily sealed with tyre sealant impairs the driving characteristics and is not suitable for higher speeds. There is a risk of accident.

You should therefore adapt your driving style accordingly and drive carefully. Do not exceed the specified maximum speed with a tyre that has been repaired using tyre sealant.

The maximum permissible speed for a tyre sealed with tyre sealant is 80 km/h. The upper part of the TIREFIT sticker must be affixed to the instrument cluster where it will be easily seen by the driver.

After use, excess tyre sealant may run out of the filler hose. This could cause stains.

Therefore, place the filler hose in the plastic bag which contained the TIREFIT kit.

Ø **Environmental note**

Have the used tyre sealant bottle disposed of professionally, e.g. at a qualified specialist workshop.

If a tyre pressure of 180 kPa (1.8 bar/26 psi) has been attained after five minutes:

- Switch off the tyre inflation compressor.
- Unscrew the filler hose from the valve of the faulty tyre.
- Stow the tyre sealant bottle, the tyre inflation compressor and the warning triangle.
- Pull away immediately.
- Stop after driving for approximately ten minutes and check the tyre pressure with the tyre inflation compressor. The tyre pressure must now be at least 130 kPa (1.3 bar/19 psi).

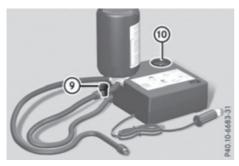
WARNING

If the required tyre pressure is not reached after driving for a short period, the tyre is too badly damaged. The tyre sealant cannot repair the tyre in this instance. Damaged tyres

392 Battery (vehicle)

and a tyre pressure that is too low can significantly impair the vehicle's braking and driving characteristics. There is a risk of accident. Do not continue driving. Contact a qualified specialist workshop.

- 1 In your vehicle, you will find a sticker with the Mercedes-Benz Service24h telephone number, e.g. on the B-pillar on the driver's side.
- Correct the tyre pressure if it is still at least 130 kPa (1.3 bar/19 psi). See the tyre pressure table on the fuel filler flap for values.
- ► To increase the tyre pressure: switch on the tyre inflation compressor.



- ► To reduce the tyre pressure: press pressure release button () on the hose.
- The tyre pressure is shown on pressure gauge
 (10).
- When the tyre pressure is correct, unscrew the filler hose from the valve of the sealed tyre.
- Screw the valve cap onto the tyre valve of the sealed tyre.
- ► Pull the tyre sealant bottle out of the tyre inflation compressor.

The filler hose stays on the tyre sealant bottle.

- Drive to the nearest qualified specialist workshop and have the tyre changed there.
- Have the tyre sealant bottle replaced as soon as possible at a qualified specialist workshop.
- ► Have the tyre sealant bottle replaced every four years at a qualified specialist workshop.

Battery (vehicle)

12 V battery - important safety notes

PLUG-IN HYBRID vehicles are equipped with a 12 V battery and a high-voltage battery. The following notes refer to the 12 V battery. Notes on the high-voltage battery can be obtained in the "High-voltage battery – important safety notes" section (\triangleright page 394).

Work on the battery, e.g. removing or fitting, requires specialist knowledge and the use of special tools. Therefore, always have work on the battery carried out at a qualified specialist workshop.

MARNING

Work carried out incorrectly on the battery can lead, for example, to a short circuit and thus damage the vehicle electronics. This can lead to function restrictions applying to safety-relevant systems, e.g the lighting system, the ABS (anti-lock braking system) or the ESP[®] (Electronic Stability Program). The operating safety of your vehicle may be restricted. You could lose control of the vehicle, for example:

- when braking
- in the event of abrupt steering manoeuvres and/or when the vehicle's speed is not adapted to the road conditions

There is a risk of an accident.

In the event of a short circuit or a similar incident, contact a qualified specialist workshop immediately. Do not drive any further. Always have work on the battery carried out at a qualified specialist workshop.

Further information about ABS (\triangleright page 70) and ESP[®] (\triangleright page 75).

Electrostatic build-up can lead to the creation of sparks, which could ignite the highly explosive gases of a battery. There is a risk of an explosion.

Before handling the battery, touch the vehicle body to remove any existing electrostatic build-up. The highly flammable gas mixture is created while the battery is charging and when jump-starting.

Always make sure that neither you nor the battery is electrostatically charged. Electrostatic charge is created, for example:

- by wearing synthetic fibre clothing
- by friction between clothing and the seat
- when you pull or push the battery across carpet or other synthetic materials
- when you rub the battery with a cloth

▲ WARNING

During the charging process, a battery produces hydrogen gas. If a short circuit occurs or sparks are created, the hydrogen gas can ignite. There is a risk of an explosion.

- Make sure that the positive terminal of a connected battery does not come into contact with vehicle parts.
- Never place metal objects or tools on a battery.
- It is important that you observe the described order of the battery terminals when connecting and disconnecting a battery.
- When jump-starting, make sure that the battery poles with identical polarity are connected.
- It is particularly important to observe the described order when connecting and disconnecting the jump leads.
- Never connect or disconnect the battery terminals while the engine is running.

Battery acid is caustic. There is a risk of injury.

Avoid contact with the skin, eyes or clothing. Do not breathe in any battery gases. Do not lean over the battery. Keep the batteries out of the reach of children. Immediately rinse off battery acid thoroughly with plenty of clean water and seek medical attention at once.

Environmental note



Batteries contain pollutants. It is illegal to dispose of them with the household rubbish. They must be collected separately and disposed of in an environmentally responsible recycling system.



Dispose of batteries in an environmentally responsible manner. Take discharged batteries to a qualified specialist workshop or to a collection point for used batteries.

Have the battery checked regularly at a qualified specialist workshop.

Observe the service intervals in the Service Booklet or contact a qualified specialist workshop for more information.

- Always have work on the batteries carried out at a qualified specialist workshop. Should it, in exceptional circumstances, be absolutely necessary to disconnect the 12-volt battery yourself, please observe the following:
 - secure the vehicle to prevent it from rolling away.
 - switch the ignition off.
 - first, disconnect the negative terminal, followed by the positive terminal.

The transmission is locked in position ${\bf P}$ after disconnecting the battery.

After the work has been completed, firmly reinstall the battery and the cover of the positive terminal.

Comply with safety precautions and take protective measures when handling batteries.

Risk of explosion



Fire, naked flames and smoking are prohibited when handling the battery. Avoid creating sparks.



Battery acid is caustic. Avoid contact with the skin, eyes or clothing.

Wear suitable protective clothing, in particular gloves, an apron and a face mask.

Immediately rinse acid splashes off with clean water. Consult a doctor if necessary.



Wear eye protection.



Keep children away.



Observe this Owner's Manual.

For safety reasons, Mercedes-Benz recommends that you only use batteries which have been tested and approved for your vehicle by Mercedes-Benz. These batteries provide increased impact protection to prevent vehicle occupants from suffering acid burns should the battery be damaged in the event of an accident.

In order for the battery to achieve the maximum possible service life, it must always be sufficiently charged.

Like other batteries, the vehicle battery may discharge over time if you do not use the vehicle. In such cases, have the battery disconnected at a qualified specialist workshop. You can also charge the battery with a charger recommended by Mercedes-Benz. For more information, please contact a qualified specialist workshop.

Have the battery charge checked more frequently if you use the vehicle mainly for short trips or if you leave it standing idle for a lengthy period. Consult a qualified specialist workshop if you wish to leave your vehicle parked up for a long period of time.

When you park the vehicle, remove the key if you do not require any electrical consumers. The vehicle will then use very little energy, thus conserving battery power.

PLUG-IN HYBRID vehicles: if the battery charge is sufficient, the high-voltage battery can also supply the 12 V battery. This only happens if the battery charge of the 12 V battery requires this, e.g. after using electrical consumers for an extended period with the engine switched off. As the on-board voltage is continuously monitored this can also be performed when the engine is switched off. The battery charge of the 12 V battery and the on-board voltage are thereby kept stable for longer.

If the power supply has been interrupted, e.g. if the battery was discharged, you will have to:

- set the clock. Information on setting the clock can be found in the Digital Owner's Manual.
 On vehicles with a multimedia system and navigation system, the clock is set automatically.
- reset the function for folding the exterior mirrors in/out automatically, by folding the mirrors out once (▷ page 118).

High-voltage battery - important safety notes

Only PLUG-IN HYBRID vehicles are equipped with a high-voltage battery.

A DANGER

The vehicle's high voltage electrical system is under high voltage. If you modify components in the vehicle's high-voltage electrical system or touch damaged components, you may be electrocuted. The components in the vehicle's high-voltage electrical system may be damaged in an accident, although the damage is not visible. There is a risk of fatal injury.

Do not touch any high-voltage components after an accident and never modify the vehicle's high-voltage electrical system. Have the vehicle towed away after an accident and the vehicle's high-voltage electrical system checked by a qualified specialist workshop.

▲ WARNING

In the event of a vehicle fire, the internal pressure of the high-voltage battery could exceed a critical value. In this case, flammable gas escapes through a vent valve in the vehicle's underbody. The gas can ignite. There is a risk of injury.

Leave the danger area immediately. Secure the danger area at a suitable distance, whilst observing legal requirements.

≜ WARNING

If the housing of the high-voltage battery has been damaged, electrolyte and gases may leak out. These are poisonous and caustic. There is a risk of injury.

Avoid contact with the skin, eyes or clothing. Immediately rinse electrolyte splashes off with water and seek medical attention straight away.

Exhaustive discharge caused by the vehicle standing idle for lengthy periods can damage the high-voltage battery. If the vehicle is idle for lengthy periods leave the high-voltage battery connected to a charging station.

Consult a Mercedes-Benz Service Centre if you wish to leave your vehicle parked up for a long period of time.

Charging the 12 V battery

MARNING

During charging and jump-starting, explosive gases can escape from the battery. There is a risk of an explosion.

Particularly avoid fire, naked flames, creating sparks and smoking. Ensure there is sufficient ventilation while charging and jump-starting. Do not lean over a battery.

▲ WARNING

Battery acid is caustic. There is a risk of injury. Avoid contact with the skin, eyes or clothing. Do not breathe in any battery gases. Do not lean over the battery. Keep the batteries out of the reach of children. Immediately rinse off battery acid thoroughly with plenty of clean water and seek medical attention at once.

A discharged battery can freeze at temperatures below freezing point. When jump-starting the vehicle or charging the battery, gases can escape from the battery. There is a risk of an explosion. Allow the frozen battery to thaw out before charging it or jump-starting.

Only use battery chargers with a maximum charging voltage of 14.8 V.

Only charge the battery using the jump-start connection point.

The jump-starting connection point is in the engine compartment (\triangleright page 397).

- Open the bonnet.
- Connect the battery charger in the same order as when connecting the donor battery during jump-starting: to the positive terminal and earth point (▷ page 397).

Keep away from fire and open flames. Do not lean over the battery. Never charge the battery if it is still fitted to the vehicle, unless you use a battery charger which has been tested and approved by Mercedes-Benz. A battery charger unit specially adapted for Mercedes-Benz vehicles and tested and approved by Mercedes-Benz is available as an accessory. This device permits charging of the battery in position. Contact a Mercedes-Benz Service Centre for information and availability. Read the battery charger's operating instructions before charging the battery.

If the indicator/warning lamps do not light up at low temperatures, it is very likely that the discharged battery has frozen. In this case you may neither jump-start the vehicle nor charge the battery. The service life of a battery that has been thawed may be reduced. The starting characteristics may be impaired, especially at low temperatures. Have the thawed battery checked at a qualified specialist workshop.

PLUG-IN HYBRID vehicles: if the battery charge is sufficient, the high-voltage battery can also supply the 12 V battery. This only happens if the battery charge of the 12 V battery requires this, e.g. after using electrical consumers for an extended period with the engine switched off. As the on-board voltage is continuously monitored this can also be performed when the engine is switched off. The battery charge of the 12 V battery and the on-board voltage are thereby kept stable for longer.

Charging the high-voltage battery when stationary (hybrid vehicles)

Only PLUG-IN HYBRID vehicles are equipped with a high-voltage battery.

Combustion engines emit poisonous exhaust gases such as carbon monoxide. Inhaling these exhaust gases leads to poisoning. There is a risk of fatal injury. Therefore never leave the engine running in enclosed spaces without sufficient ventilation.

Only charge the high-voltage battery in the "Charging when stationary" mode. Do not connect a battery charger to the high-voltage battery. Otherwise, the vehicle's high-voltage electrical system could be damaged.

Stop the vehicle if the internal combustion engine is running.

The internal combustion engine drives the electric motor. The electric motor is operating as an alternator. The high-voltage battery is charging.

If the high-voltage battery is too heavily discharged, recharge the high-voltage battery to at least 60% of its capacity. In the "Charging when stationary" operating mode, you can observe the charge status of the high-voltage battery up to a maximum of 70% in the COMAND display and in the multifunction display (\triangleright page 264).

Jump-starting

For the jump-starting procedure, use only the jump-starting connection point, consisting of a positive terminal and an earth point, in the engine compartment.

▲ WARNING

Battery acid is caustic. There is a risk of injury.

Avoid contact with the skin, eyes or clothing. Do not breathe in any battery gases. Do not lean over the battery. Keep the batteries out of the reach of children. Immediately rinse off battery acid thoroughly with plenty of clean water and seek medical attention at once.

During charging and jump-starting, explosive gases can escape from the battery. There is a risk of an explosion.

Particularly avoid fire, naked flames, creating sparks and smoking. Ensure there is sufficient ventilation while charging and jump-starting. Do not lean over a battery.

During the charging process, a battery produces hydrogen gas. If a short circuit occurs or sparks are created, the hydrogen gas can ignite. There is a risk of an explosion.

- Make sure that the positive terminal of a connected battery does not come into contact with vehicle parts.
- Never place metal objects or tools on a battery.
- It is important that you observe the described order of the battery terminals when connecting and disconnecting a battery.
- When jump-starting, make sure that the battery poles with identical polarity are connected.
- It is particularly important to observe the described order when connecting and disconnecting the jump leads.
- Never connect or disconnect the battery terminals while the engine is running.

▲ WARNING

A discharged battery can freeze at temperatures below freezing point. When jump-starting the vehicle or charging the battery, gases can escape from the battery. There is a risk of an explosion. Allow the frozen battery to thaw out before charging it or jump-starting.

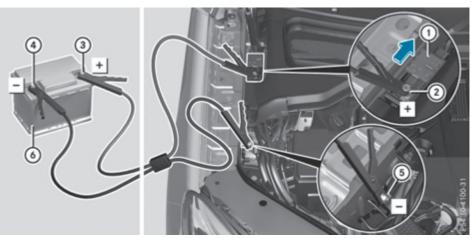
Vehicles with a petrol engine: avoid repeated and lengthy starting attempts. Otherwise, the non-combusted fuel may damage the catalytic converter.

If the indicator/warning lamps do not light up at low temperatures, it is very likely that the discharged battery has frozen. In this case you may neither jump-start the vehicle nor charge the battery. The service life of a battery that has been thawed may be reduced. The starting characteristics may be impaired, especially at low temperatures. Have the thawed battery checked at a qualified specialist workshop. Do not use a rapid charging device to start the vehicle. If your vehicle's battery is discharged, the engine can be jump-started from another vehicle or from a second battery using jump leads. Observe the following points:

- The battery is not accessible in all vehicles. If the other vehicle's battery is not accessible, jumpstart the vehicle using a second battery or a jump-starting device.
- Vehicles with a petrol engine: only jump-start the vehicle when the engine and exhaust system are cold.
- Do not start the engine if the battery is frozen. Let the battery thaw first.
- Jump-starting may only be performed using batteries with a nominal voltage of 12 V.
- Only use jump leads that have a sufficient cross-section and insulated terminal clamps.
- If the battery is fully discharged, leave the battery that is being used to jump-start connected for a few minutes before attempting to start. This charges the empty battery a little.
- Make sure that the two vehicles do not touch.

Make sure that:

- The jump leads are not damaged,
- Non-insulated parts of the terminal clamps do not come into contact with other metal parts while the jump leads are connected to the battery.
- The jump leads cannot come into contact with parts which can move when the engine is running, such as the V-belt pulley or the fan.
- ► Secure the vehicle by applying the electric parking brake.
- ► Shift the transmission to position **P**.
- Make sure that the ignition is switched off. All indicator lamps in the instrument cluster must be off. When using the key, turn the key to position 0 in the ignition lock and remove it (▷ page 158).
- Switch off all electrical consumers, e.g. rear window heating, lighting etc.
- ▶ Open the bonnet.



Position number o identifies the charged battery of the other vehicle or an equivalent jump-starting device.

- ▶ Slide cover ① of positive terminal ② in the direction of the arrow.
- ► Connect positive terminal ② on your vehicle to positive terminal ③ of donor battery ⑥ using the jump lead, always beginning with positive terminal ② on your own vehicle first.
- ► Start the engine of the donor vehicle and run it at idling speed.

- ► Connect negative terminal ④ of donor battery ⑥ to earth point ⑤ of your vehicle using the jump lead, connecting the jump lead to donor battery ⑥ first.
- ▶ Start the engine.
- ▶ Before disconnecting the jump leads, let the engines run for several minutes.
- ▶ First, remove the jump leads from earth point ⑤ and negative terminal ④, then from positive clamp ② and positive terminal ③. Begin each time at the contacts on your own vehicle first.
- ► After removing the jump leads, close cover ① of positive terminal clamp ②.
- ► Have the battery checked at a qualified specialist workshop.

PLUG-IN HYBRID vehicles: if your vehicle has been jump-started, it may not be possible to use the electric drive for approximately 30 minutes.

Jump-starting is not considered to be a normal operating condition.

1 Jump-starting cables and further information regarding jump starting can be obtained at any qualified specialist workshop.

Towing away and tow-starting

Important safety notes

MARNING

Safety-relevant functions are restricted or not available if:

- the engine is not running.
- the brake system or the power steering is malfunctioning
- the voltage supply or the vehicle's electrical system is malfunctioning.

If your vehicle is towed, significantly greater force may be required to steer the vehicle or to brake. There is a risk of an accident.

In such circumstances, use a towing bar. Make sure that the steering is moving freely before towing.

When towing or tow-starting another vehicle and its weight is greater than the permissible gross weight of your vehicle, the:

- towing eye may be torn off
- car/trailer combination may swerve or even overturn

There is a risk of an accident.

When towing or tow-starting another vehicle, its weight should not be greater than the permissible gross weight of your vehicle. Details on the permissible gross vehicle weight of your vehicle can be found on the vehicle identification plate (\triangleright page 434).

When COLLISION PREVENTION ASSIST PLUS, DISTRONIC PLUS or the HOLD function is activated, the vehicle brakes automatically in certain situations.

To avoid damage to the vehicle, deactivate these systems in the following or similar situations:

- when towing away
- in a car wash
- Make sure that the electric parking brake is released. If the electric parking brake is faulty, visit a qualified specialist workshop.
- Only secure the tow cable or tow bar to the towing eyes or, if available, to the trailer tow hitch. You could otherwise damage the vehicle.

• Observe the following points when towing with a tow rope:

- Secure the tow rope on the same side on both vehicles.
- Make sure that the tow rope is not longer than legally permitted. Mark the tow rope in the middle, e.g. with a white cloth (30 x 30 cm). This will make other road users aware that a vehicle is being towed.
- Only secure the tow cable to the towing eyes or, if available, to the trailer tow hitch.
- Observe the brake lamps of the towing vehicle while driving. Always maintain a dis-

tance a distance so that the tow rope does not sag.

- Do not use steel cables or chains to tow your vehicle. You could otherwise damage the vehicle.
- Do not use the trailer tow hitch for recovery or towing. Do not use the towing eye for recovery. This could damage the vehicle. If in doubt, have the vehicle recovered using a crane.

When towing, pull away slowly and smoothly. Pull the towed vehicle as straight as possible and not at an acute angle. If the tractive power is too high, the vehicles could be damaged.

When towing, it is preferable to use a rigid towing bar as opposed to a tow rope. A rigid towing bar helps to keep the tractive power low.

To tow vehicles with KEYLESS-GO, use the key instead of the Start/Stop button. The automatic transmission may otherwise switch to position **P** when you open the driver's or front-passenger door which could damage the transmission.

Vehicles with differential locks: make sure the differential locks are in automatic mode. When towing, the differential locks must not be switched on. The transmission may otherwise be damaged.

You may tow the vehicle for a maximum of 50km. A towing speed of 50 km/h must not be exceeded.

For towing distances over 50 km, the entire vehicle must be lifted up and transported.

Observe the legal requirements for the relevant countries when towing.

It is better to have the vehicle transported than to have it towed.

If the vehicle has suffered transmission damage, have it transported on a transporter or trailer.

The automatic transmission must be in position ${\bf N}$ when the vehicle is being towed away.

The battery must be connected and charged. Otherwise, you:

- cannot turn the key to position **2** in the ignition lock
- cannot release the electric parking brake
- \bullet cannot shift the automatic transmission to position ${\bf N}$

Deactivate the automatic locking feature before towing the vehicle (\triangleright page 294). You could otherwise be locked out when pushing or towing the vehicle.

Deactivate tow-away protection before the vehicle is towed away (▷ page 82).

PLUG-IN HYBRID vehicles:

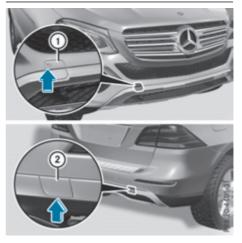
PLUG-IN HYBRID vehicles may not be towed away but must instead be transported, if:

- the multifunction display is not working or
- the iso Towing not permitted See Owner's Manual message appears in the multifunction display.

If the vehicle is in a dangerous location it may be towed from the danger zone with both axles on the ground. In this case, the towing distance may not be greater than 50 m and the towing speed must not exceed 10 km/h. For longer distances, have the vehicle loaded and transported.

Fitting/removing the towing eye

Fitting the towing eye



The mountings for the removable towing eyes are located in the bumpers. They are at the front and rear behind covers (1)(2).

- ▶ Remove the towing eye from the vehicle tool kit (▷ page 387).
- ► To open the cover at the front: press the mark on cover ① inwards in the direction of the arrow.

- ► To open the cover at the rear: insert a flat, blunt object into the cutout and lever cover ② out of the bumper.
- ▶ Take cover ① or ② off the opening.
- Screw in the towing eye clockwise as far as it will go and tighten it.

Removing the towing eye

- ▶ Loosen the towing eye and unscrew it.
- Position cover (1) or (2) in the bumper and press the cover on until it engages.
- Place the towing eye in the vehicle tool kit.

Towing the vehicle with both axles on the ground

The automatic transmission automatically shifts to position ${\bf P}$ when you open the driver's or frontpassenger door or when you remove the key from the ignition lock.

In order to ensure that the automatic transmission stays in position \mathbf{N} when towing away the vehicle, you must observe the following points:

- ▶ Make sure that the vehicle is stationary.
- ▶ Turn the key to position 2 in the ignition lock.
- Depress the brake pedal and keep it depressed.
- ► Shift the automatic transmission to position N.
- ► Leave the key in position 2 in the ignition lock.
- ▶ Release the brake pedal.
- ▶ Release the electric parking brake.
- ► Switch on the hazard warning lamps (▷ page 124).

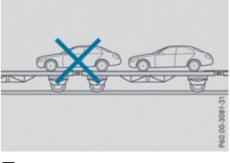
In order to signal a change of direction when towing the vehicle with the hazard warning lamps switched on, use the combination switch as usual. In this case, only the turn signals for the desired direction flash. When you reset the combination switch, the hazard warning lamps start flashing again.

Transporting the vehicle

PLUG-IN HYBRID vehicles

Transportation of the vehicle should only be carried out by professional recovery companies.

4MATIC vehicles/vehicles with automatic transmission



When the vehicle is loaded for transport, the front and rear axles must be stationary and on the same transportation vehicle. Positioning over the connection point of the transport vehicle is not permitted. The drive train may otherwise be damaged.

Breakdown assistance

All vehicles

You may only secure the vehicle by the wheels, not by parts of the vehicle such as axle or steering components. Otherwise, the vehicle could be damaged.

The towing eye can be used to pull the vehicle onto a trailer or transporter for transportation.

- ▶ Turn the key to position 2 in the ignition lock.
- ► Shift the automatic transmission to position N.

As soon as the vehicle is loaded:

- Prevent the vehicle from rolling away by applying the electric parking brake.
- Shift the automatic transmission to position
 P.
- Turn the key to position 0 in the ignition lock and remove it.
- Secure the vehicle.

Information for 4MATIC vehicles

Vehicles with 4MATIC must not be towed with the front or rear axle raised; otherwise, the transmission may be damaged.

Vehicles with 4MATIC may either be towed away with both axles on the ground or be loaded up and transported.

If the vehicle has transmission damage or damage to the front or rear axle, have it transported on a transporter or trailer.

In the event of damage to the electrical system: if the battery is defective, the automatic transmission will be locked in position **P**. To shift the automatic transmission to position **N**, you must provide power to the vehicle's on-board electrical system in the same way as when jump-starting (\triangleright page 397).

Have the vehicle transported on a transporter or trailer.

Tow-starting (emergency engine starting)

Do not tow-start vehicles with automatic transmission. You could otherwise damage the automatic transmission.

You can find information on "Jump-starting" under (\triangleright page 397).

Electrical fuses

Important safety notes

MARNING

If you manipulate, bridge or replace a faulty fuse with a fuse of a higher amperage, the electric cables could be overloaded. This may result in a fire. There is a risk of an accident and injury.

Always replace faulty fuses with specified new fuses of the correct amperage.

Only use fuses marked with an "S" for the fuse box in the engine compartment and under the rear bench seat. Components or systems could otherwise be damaged.

The fuses in your vehicle disconnect faulty circuits. If a fuse blows, all the components on the circuit and their functions will fail.

Blown fuses must be replaced with fuses of the same rating, which you can recognise by the colour and fuse rating. The fuse ratings are listed in the fuse allocation chart.

The fuse allocation chart is located in the fuse box under the rear bench seat (\triangleright page 403).

If the newly inserted fuse also blows, have the cause traced and rectified at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Before replacing a fuse

Observe the important safety notes (▷ page 402)

- ► Secure the vehicle against rolling away (▷ page 191).
- Switch off the engine.
- Switch off all electrical consumers.
- Remove the key from the ignition lock.

or, on vehicles with KEYLESS-GO start function or KEYLESS-GO:

 Open the driver's door. The on-board electronics now have status 0. This is the same as the key having been removed.

The driver's door can be closed again.

All indicator lamps in the instrument cluster must be off.

The fuses are located in various fuse boxes:

- Fuse box on the front-passenger side of the dashboard
- Fuse box in the engine compartment on the right-hand side of the vehicle, when viewed in the direction of travel
- Fuse box under the rear bench seat

Dashboard fuse box

Observe the important safety notes (\triangleright page 402).

Do not use a pointed object such as a screwdriver to open the cover in the dashboard. You could damage the dashboard or the cover.

- Make sure that no moisture can enter the fuse box when the cover is open.
- When closing the cover, make sure that it is lying correctly on the fuse box. Moisture seeping in or dirt could otherwise impair the operation of the fuses.



- ▶ Open the front-passenger door.
- ► **To open:** pull cover ① outwards in the direction of the arrow and remove it.
- ► To close: clip in cover ① on the front of the dashboard.
- ▶ Fold cover ① inwards until it engages.

Fuse box in the engine compartment

Observe the important safety notes (\triangleright page 402).

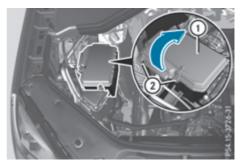
MARNING

When the bonnet is open, and the windscreen wipers are set in motion, you can be injured by the wiper linkage. There is a risk of injury.

Always switch off the windscreen wipers and the ignition before opening the bonnet.

Make sure that no moisture can enter the fuse box when the cover is open.

When closing the cover, make sure that it is lying correctly on the fuse box. Moisture seeping in or dirt could otherwise impair the operation of the fuses.



- ▶ Open the bonnet (▷ page 374).
- Remove any existing moisture from the fuse box using a dry cloth.
- ▶ To open: open clamps ②.
- Fold cover ① up in the direction of the arrow and remove it.
- ► To close: check whether the seal is lying correctly in cover ①.
- Insert cover ① at the side of the fuse box into the retainers.
- ▶ Fold down cover ① and close clamps ②.
- Close the bonnet.

Fuse box under the rear bench seat

Observe the important safety notes (\triangleright page 402).

Make sure that no moisture can enter the fuse box when the cover is open.

When closing the cover, make sure that it is lying correctly on the fuse box. Moisture seeping in or dirt could otherwise impair the operation of the fuses or the cover could be damaged by the rear bench seat.



- ► Fold the right-hand rear bench seat forward (▷ page 354).
- ► **To open:** lift and fold out carpet ① in the direction of the arrow.



- ▶ Release clamps ② by pressing them in the direction of the arrow.
- ► Fold cover ③ up in the direction of the arrow and remove it.
- The fuse allocation chart is located under cover 3.
- ► **To close:** insert cover ③ at the side of the fuse box into the retainers.
- ► Fold down cover ③ until clamps ② engage audibly.
- ► Fold the right-hand rear bench seat back (▷ page 354).

Useful information

This Owner's Manual describes all models, series and optional equipment for your vehicle that were available at the time of going to press. National variations are possible. Note that your vehicle may not be equipped with all of the functions described. This is also the case for systems and functions relevant to safety.

 Read the information on qualified specialist workshops: (▷ page 28).

Important safety notes

MARNING

If wheels and tyres of the wrong size are used, the wheel brakes or suspension components may be damaged. There is a risk of an accident.

Always replace wheels and tyres with those that fulfil the specifications of the original part.

When replacing wheels, make sure to fit the correct:

- designation
- type

When replacing tyres, make sure to fit the correct:

- designation
- manufacturer
- type

MARNING

A flat tyre severely impairs the driving, steering and braking characteristics of the vehicle. There is a risk of accident.

Tyres without run-flat characteristics:

- do not drive with a flat tyre.
- immediately replace the flat tyre with your emergency spare wheel or spare wheel, or consult a qualified specialist workshop.

Tyres with run-flat characteristics:

 pay attention to the information and warning notices on MOExtended tyres (tyres with run-flat characteristics).

Accessories that are not approved for your vehicle by Mercedes-Benz or are not being used correctly can impair the operating safety. Before purchasing and using non-approved accessories, visit a qualified specialist workshop and enquire about:

- suitability
- · legal stipulations
- factory recommendations

Information on the sizes and types of wheels and tyres for your vehicle can be found under "Wheel/tyre combinations" (> page 418).

Information on tyre pressure can be found:

- in the tyre pressure table in the fuel filler flap
- in the "Tyre pressure" section

Modification work on the brake system and wheels is not permitted. The use of spacers or brake dust shields is not permitted. This invalidates the general operating permit for the vehicle.

 Further information on wheels and tyres can be obtained at any qualified specialist workshop.

Operation

Information on driving

Check the tyre pressures when the vehicle is heavily laden and adjust prior to a trip.

While driving, pay attention to vibrations, noises and unusual handling characteristics, e.g. pulling to one side. This may indicate that the wheels or tyres are damaged. If you suspect that a tyre is defective, reduce your speed immediately. Stop the vehicle as soon as possible to check the wheels and tyres for damage. Hidden tyre damage could also be causing the unusual handling characteristics. If you find no signs of damage, have the tyres and wheels checked at a qualified specialist workshop.

When parking your vehicle, make sure not to squash the tyre sidewalls. If it is necessary to drive over kerbs, speed humps or similar elevations, try to do so slowly and at an obtuse angle. Otherwise, the tyres, particularly the sidewalls, may be damaged.

Regular checking of wheels and tyres

▲ WARNING

Damaged tyres can cause tyre inflation pressure loss. As a result, you could lose control of your vehicle. There is a risk of accident.

Check the tyres regularly for signs of damage and replace any damaged tyres immediately.

Check wheels and tyres for damage at least once a month. Check wheels and tyres after driving off-road or on rough roads. Damaged wheels can cause a loss of tyre pressure. Pay particular attention to damage such as:

- cuts in the tyres
- punctures
- tears in the tyres
- · bulges on the tyres
- deformation or severe corrosion on wheels

Regularly check the tyre tread depth and the condition of the tread across the whole width of the tyre (\triangleright page 406). If necessary, turn the front wheels to full lock in order to inspect the inner side of the tyre surface.

All wheels must have a valve cap to protect the valve against dirt and moisture. Do not fit anything onto the valve other than the standard valve cap or other valve caps approved for your vehicle by Mercedes-Benz. Do not fit any other valve caps or systems, e.g. tyre pressure monitoring systems.

Regularly check the pressure of all the tyres, particularly prior to long trips. Adjust the tyre pressure as necessary (\triangleright page 408).

Observe the notes on the emergency spare wheel (\triangleright page 428).

The service life of tyres depends on various factors, including the following:

- driving style
- tyre pressure
- mileage

Notes on the tyre tread

MARNING

Insufficient tyre tread will reduce tyre traction. The tyre is no longer able to dissipate water. This means that on wet road surfaces, the risk of aquaplaning increases, in particular where speed is not adapted to suit the driving conditions. There is a risk of accident.

If the tyre pressure is too high or too low, tyres may exhibit different levels of wear at different locations on the tyre tread. Thus, you should regularly check the tread depth and the condition of the tread across the entire width of all tyres.

Minimum tyre tread depth for:

- summer tyres: 3 mm
- M+S tyres: 4 mm

For safety reasons, replace the tyres before the legally prescribed limit for the minimum tyre tread depth is reached.

Selecting, fitting and replacing tyres

▲ WARNING

Exceeding the stated tyre load-bearing capacity and the approved maximum speed could lead to tyre damage or the tyre bursting. There is a risk of accident.

Therefore, only use tyre types and sizes approved for your vehicle model. Observe the tyre load rating and speed rating required for your vehicle.

Pay special attention to country-specific requirements for tyre approval. These requirements can stipulate a specific tyre type for your vehicle. Furthermore, the use of certain tyre types in certain regions and areas of operation can be highly beneficial. You can find further information regarding tyres at specialist tyre retailers, at qualified specialist workshops or at any Mercedes-Benz Service Centre.

• Only fit tyres and wheels of the same type and make.

Exception: it is permissible to fit a different type or make in the event of a flat tyre.

Observe here the "MOExtended tyres (tyres with run-flat characteristics)" section (> page 388).

- Only fit tyres of the correct size onto the wheels.
- Run in new tyres at moderate speeds for the first 100 km. They only reach their full performance after this distance.
- Do not drive with tyres which have too little tread depth. This otherwise significantly reduces the traction on wet roads (aquaplaning).
- Replace the tyres after six years at the latest, regardless of wear.

Observe the notes on the emergency spare wheel (\triangleright page 428).

MOExtended tyres (tyres with run-flat characteristics)

With MOExtended tyres (tyres with run-flat characteristics), you can continue to drive your vehicle even if there is a total loss of pressure in one or more tyres.

MOExtended tyres may only be used in conjunction with an activated tyre pressure loss warning system or with an activated tyre pressure monitor and on wheels specifically tested by Mercedes-Benz.

Notes on driving with MOExtended tyres with a flat tyre (\triangleright page 388).

Vehicles with MOExtended tyres are not equipped with a TIREFIT kit at the factory. It is therefore recommended that you additionally equip your vehicle with a TIREFIT kit if you fit tyres that do not feature run-flat characteristics, e.g. winter tyres. A TIREFIT kit can be obtained from a qualified specialist workshop.

Winter operation

General notes

Have your vehicle winterproofed at a qualified specialist workshop at the onset of winter. Observe the notes in the "Changing a wheel" section (\triangleright page 413).

Driving with summer tyres

At temperatures below +7 °C, summer tyres lose elasticity and therefore traction and braking power. Change the tyres on your vehicle to M+S tyres. Using summer tyres at very cold temperatures could cause tears to form, thereby damaging the tyres permanently. Mercedes-Benz cannot accept responsibility for this type of damage.

Damaged tyres can cause tyre inflation pressure loss. As a result, you could lose control of your vehicle. There is a risk of accident.

Check the tyres regularly for signs of damage and replace any damaged tyres immediately.

M+S tyres

M+S tyres with a tyre tread depth of less than 4 mm are not suitable for use in winter as they do not provide sufficient traction. There is a risk of accident.

M+S tyres with a tread depth of less than 4 mm must be replaced.

At temperatures below +7 °C, use winter tyres or all-season tyres. Both types of tyre are identified by the M+S marking.

Only winter tyres bearing the A snowflake symbol in addition to the M+S marking provide the best possible grip in wintry road conditions. Only these tyres will allow driving safety systems such as ABS and ESP® to function optimally in winter. These tyres have been developed specifically for driving in snow.

Use M+S tyres of the same make and tread on all wheels to maintain safe handling characteristics.

Always observe the maximum permissible speed specified for the M+S tyres you have fitted.

If you fit M+S tyres that have a lower maximum permissible speed than that of the maximum design speed of the vehicle, affix a corresponding warning label in the driver's field of vision. This can be obtained at a qualified specialist workshop. Under these circumstances, you should also restrict the maximum design speed of the vehicle using permanent SPEEDTRONIC so that it does not exceed the maximum permissible speed for the M+S tyres (\triangleright page 207).

When you have fitted the M+S tyres:

- ► Check the tyre pressures (▷ page 408).
- ► Restart the tyre pressure monitor (▷ page 412).
- ► Restart the tyre pressure loss warning system (▷ page 410).

Information about driving with an emergency spare wheel (\triangleright page 428).

Snow chains

If you have fitted snow chains to the front wheels, they may scrape against the vehicle body or chassis components. This could cause damage to the vehicle or the tyres. There is a risk of an accident.

To avoid hazardous situations:

- never fit snow chains on the front wheels
- fit snow chains to the rear wheels in pairs.

You must drive at raised vehicle level if snow chains have been fitted. The vehicle could otherwise be damaged. Observe the information in the "AIRMATIC package" section.

When driving with snow chains fitted, do not use the ADS sport mode (Adaptive Damping System). The vehicle could otherwise be damaged.

On some tyre sizes there is not enough space for snow chains. In order to prevent damage to the vehicle or the tyres, observe the "Tyre and wheel combinations" section under "Tyres and wheels".

For safety reasons, Mercedes-Benz recommends that you only use snow chains that have been specifically approved for your vehicle by Mercedes-Benz, or that are of a corresponding standard of quality. For more information, please contact a qualified specialist workshop. If you intend to fit snow chains, please bear the following points in mind:

- only use snow chains if the road surface is completely snow-covered. Remove the snow chains as soon as possible when you come to a road that is not snow-covered.
- do not exceed the maximum permissible speed of 50 km/h.
- local regulations may restrict the use of snow chains. Observe the appropriate regulations if you wish to fit snow chains.
- snow chains cannot be fitted to all wheel-tyre combinations. Permissible wheel-tyre combinations (▷ page 418).

You may wish to deactivate ESP[®] when pulling away with snow chains fitted (▷ page 77). This way you can allow the wheels to spin in a controlled manner, achieving increased driving force (cutting action).

Information about driving with an emergency spare wheel (\triangleright page 428).

Tyre pressure

Tyre pressure specifications

MARNING

Underinflated or overinflated tyres pose the following risks:

- the tyres may burst, especially as the load and vehicle speed increase.
- the tyres may wear excessively and/or unevenly, which may greatly impair tyre traction.
- the driving characteristics, as well as steering and braking, may be greatly impaired.

There is a risk of an accident.

Observe the recommended tyre pressure and check the tyre pressure of all the tyres including the spare wheel:

- at least every two weeks
- when the load changes
- before embarking on a longer journey
- for changed operating conditions, e.g. offroad driving

▲ WARNING

If you fit unsuitable accessories onto tyre valves, the tyre valves may be overloaded and malfunction, which can cause tyre pressure loss. Due to their design, retrofitted tyre pressure monitors keep the tyre valve open. This can also result in tyre pressure loss. There is a risk of accident.

Only screw standard valve caps or valve caps specifically provided by Mercedes-Benz for your vehicle onto the tyre valve.

If the tyre pressure drops repeatedly, the wheel, valve or tyre may be damaged. Tyre pressure that is too low may result in a tyre blow-out. There is a risk of accident.

- Check the tyre for foreign objects.
- Check whether the wheel is losing air or the valve is leaking.

If you are unable to rectify the damage, contact a qualified specialist workshop.

Environmental note

Check the tyre pressure regularly, at least every 14 days.

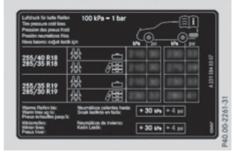
The recommended tyre pressures for various operating conditions can be found in the tyre pressure table on the fuel filler flap (\triangleright page 177).

Operation with an emergency spare wheel: information on operation with an emergency spare wheel can be found in the general notes in the "Emergency spare wheel" section (\triangleright page 428).

Operation with a trailer: the applicable value for the rear axle is the maximum tyre pressure value stated in the table inside the fuel filler flap.

Additionally, the tyre pressure table may also state tyre pressures for different load conditions. These are defined in the table as different numbers of passengers and amounts of luggage. The actual number of seats may vary; for more information, please refer to the vehicle's registration documents.

If tyre sizes are not specified, the tyre pressures stated on the tyre pressure table apply for all tyres approved for this vehicle.



If a tyre size precedes a tyre pressure, the following tyre pressure information is only valid for that tyre size.

Use a suitable pressure gauge to check the tyre pressure. The outer appearance of a tyre does not permit any reliable conclusion about the tyre pressure. On vehicles fitted with the electronic tyre pressure monitor, the tyre pressure can be checked using the on-board computer.

If possible, only correct tyre pressures when the tyres are cold.

The tyres are cold:

- if the vehicle has been parked with the tyres out of direct sunlight for at least three hours and
- if the vehicle has not been driven further than 1.6 km

Depending on the ambient temperature, the vehicle speed and the load on the tyres, the tyre temperature and thus the tyre pressure changes by approximately 10 kPa (0.1 bar/1.5 psi) per 10 °C. Take this into account when checking the pressure of warm tyres. Only correct the tyre pressure if it is too low for the current operating conditions.

Driving with tyre pressure that is too high or too low can:

- shorten the service life of the tyres
- cause increased tyre damage
- have a negative effect on handling characteristics and thus driving safety (e.g. aquaplaning)

The tyre pressure values given for low loads are minimum values which offer you good ride comfort characteristics.

However, you can also use the values given for higher loads. These are permissible and will not adversely affect the running of the vehicle.

Tyre pressure loss warning system

General notes

While the vehicle is in motion, the tyre pressure loss warning system monitors the set tyre pressure using the rotational speed of the wheels. This enables the system to detect significant pressure loss in a tyre. If the speed of rotation of a wheel changes as a result of a loss of pressure, a corresponding warning message will appear in the multifunction display.

You can recognise the tyre pressure loss warning by the Run Flat Indicator active Restart with OK message which appears in the Serv. menu of the multifunction display. Information on the message display can be found in the "Restarting the tyre pressure loss warning system" section (\triangleright page 410).

Important safety notes

The tyre pressure warning system does not warn you of an incorrectly set tyre pressure. Observe the notes on the recommended tyre pressure (\triangleright page 408).

The tyre pressure loss warning does not replace the need to regularly check the tyre pressures. An even loss of pressure on several tyres at the same time cannot be detected by the tyre pressure loss warning system.

The tyre pressure monitor is not able to warn you of a sudden loss of pressure, e.g. if the tyre is penetrated by a foreign object. In the event of a sudden loss of pressure, bring the vehicle to a halt by braking carefully. Avoid abrupt steering manoeuvres.

The function of the tyre pressure loss warning system is limited or delayed if:

- snow chains are fitted to your vehicle's tyres.
- road conditions are wintry.
- you are driving on sand or gravel.
- you adopt a very sporty driving style (cornering at high speeds or driving with high rates of acceleration).
- you are towing a very heavy or large trailer.
- you are driving with a heavy load (in the vehicle or on the roof).

Restarting the tyre pressure loss warning system

Restart the tyre pressure loss warning system if you have:

- changed the tyre pressure
- · changed the wheels or tyres
- fitted new wheels or tyres
- Before restarting, make sure that the tyre pressures are set properly on all four tyres for the respective operating conditions. The recommended tyre pressures can be found in the tyre pressure table on the fuel filler flap.

The tyre pressure loss warning system can only give reliable warnings if you have set the correct tyre pressure. If an incorrect tyre pressure is set, these incorrect values will be monitored.

- ► Observe the notes in the section on tyre pressures (▷ page 408).
- Make sure that the key is in position 2 in the ignition lock (▷ page 158).
- Press the or button on the steering wheel to select the Serv. menu.
- Press the or button to select Tyre pressure.
- Press the OK button. The Run Flat Indicator active Restart with OK message appears in the multifunction display.

If you wish to confirm the restart:

- Press the OK button. The Tyre press. now OK? message appears in the multifunction display.
- ► Press the ▲ or ▼ button to select Yes.
- Press the OK button. The Run Flat Indicator restarted message appears in the multifunction display. After a teach-in period, the tyre pressure loss warning system will monitor the set tyre pressures of all four tyres.

If you wish to cancel the restart:

▶ Press the 🛨 button.

or

▶ When the Tyre press. now OK? message appears, press the ▲ or ▼ button to select Cance1.

Press the OK button. The tyre pressure values stored at the last restart will continue to be monitored.

Tyre pressure monitor

General notes

If a tyre pressure monitor system is fitted, the vehicle's wheels have sensors fitted that monitor the tyre pressures in all four tyres. The tyre pressure monitor warns you if the pressure drops in one or more of the tyres. The tyre pressure monitor only functions if the corresponding sensors are fitted to all wheels.

Information on tyre pressures is shown in the multifunction display. After a few minutes of driving, the current tyre pressure of each tyre is shown in the Serv. menu of the multifunction display, see illustration (example).



For further information on displaying this message, refer to the "Checking the tyre pressure electronically" section (\triangleright page 411).

Important safety notes

It is the driver's responsibility to set the tyre pressure to the recommended cold tyre pressure suitable for the operating situation (\triangleright page 408). Note that the correct tyre pressure for the current operating situation must first be taught-in to the tyre pressure monitor. If there is a substantial loss of pressure, the warning threshold for the warning message is aligned to the reference values taught-in. Restart the tyre pressure monitor after adjusting to the cold tyre pressure (\triangleright page 412). The current pressures are saved as new reference values. This will ensure that a warning message will only appear if the tyre pressure drops significantly.

The tyre pressure monitor does not warn you of an incorrectly set tyre pressure. Observe the notes on the recommended tyre pressure (\triangleright page 408). The tyre pressure monitor is not able to warn you of a sudden loss of pressure, e.g. if the tyre is penetrated by a foreign object. In the event of a sudden loss of pressure, bring the vehicle to a halt by braking carefully. Avoid abrupt steering manoeuvres.

The tyre pressure monitor has a yellow warning lamp in the instrument cluster for indicating a pressure loss or malfunction. Depending on how the warning lamp flashes or lights up, a tyre pressure that is too low or a malfunction in the tyre pressure monitor is indicated:

- if the warning lamp is lit continuously, the tyre pressure on one or more tyres is significantly too low. The tyre pressure monitor is not malfunctioning.
- if the warning lamp flashes for around a minute and then remains lit constantly, the tyre pressure monitor is malfunctioning.

In addition to the warning lamp, a message appears in the multifunction display. Observe the information on display messages (> page 330).

It may take up to ten minutes for a malfunction of the tyre pressure monitor to be indicated. A malfunction will be indicated by the tyre pressure warning lamp flashing for approximately one minute and then remaining lit. When the fault has been rectified, the tyre pressure warning lamp goes out after you have driven for a few minutes.

The tyre pressure values indicated by the onboard computer may differ from those measured at a filling station using a pressure gauge. The tyre pressures shown by the on-board computer refer to those measured at sea level. At high altitudes, the tyre pressure values indicated by a pressure gauge are higher than those shown by the on-board computer. In this case, do not reduce the tyre pressures.

The operation of the tyre pressure monitor can be affected by interference from radio transmitting equipment (e.g. radio headphones, two-way radios) that may be being operated in or near the vehicle.

Checking the tyre pressure electronically

- Make sure that the key is in position 2 in the ignition lock (▷ page 158).
- Press the or button on the steering wheel to select the Service menu.

- ► Press the ▲ or ▼ button to select Tyre pressure.
- Press the OK button. The current tyre pressure for each wheel will be displayed in the multifunction display.

If the vehicle has been parked for longer than 20 minutes, the Tyre pressures will be displayed after a few minutes of driving message appears.

After a teach-in period, the tyre pressure monitor automatically detects new wheels or new sensors. As long as a clear allocation of the tyre pressure values to the individual wheels is not possible, the Tyre pressure monitor active display message is shown instead of the tyre pressure display. The tyre pressures are already being monitored.

If an emergency spare wheel is fitted, for a few minutes the system may continue to show the tyre pressure of the wheel that has been removed. If this occurs, note that the value displayed for the position where the spare wheel is fitted is not the same as the current tyre pressure of the emergency spare wheel.

Warning messages of the tyre pressure monitor

If the tyre pressure monitor detects a pressure loss in one or more tyres, a warning message is shown in the multifunction display. The yellow tyre pressure warning lamp then lights up.

- If the Rectify tyre pressure message appears in the multifunction display, the tyre pressure in at least one tyre is too low. The tyre pressure must be corrected when the opportunity arises.
- If the Check tyre(s) message appears in the multifunction display, the tyre pressure in at least one tyre has dropped significantly. The tyres must be checked.
- If the Warning tyre defect message appears in the multifunction display, the tyre pressure in at least one tyre has dropped suddenly. The tyres must be checked.

If the wheel positions on the vehicle are interchanged, the tyre pressures may be displayed for the wrong positions for a short time. After a few minutes of driving, this is rectified and the tyre pressures are displayed for the correct positions.

Restarting the tyre pressure monitor

When you restart the tyre pressure monitor, all existing warning messages are deleted and the warning lamps go out. The monitor uses the currently set tyre pressures as the reference values for monitoring. In most cases, the tyre pressure monitor will automatically detect the new reference values after you have changed the tyre pressure. However, you can also set reference values manually as described here. The tyre pressure monitor then monitors the new tyre pressure values.

Use the table on the inside of the fuel filler flap to ensure that the tyre pressure is set correctly in all four tyres for the current operating conditions.

Also observe the notes in the section on tyre pressures (\triangleright page 408).

- Make sure that the key is in position 2 in the ignition lock.
- Press the or button on the steering wheel to select the Serv. menu.
- Press the or button to select Tyre pressure.
- Press the OK button. The multifunction display shows the current tyre pressure for the individual tyres or the Tyre pressures will be displayed after a few minutes of driving message.
- Press the velocity button. The Use current pressures as new reference values message appears in the multifunction display.

If you wish to confirm the restart:

Press the OK button. The Tyre press. monitor restarted message appears in the multifunction display. After you have driven for a few minutes, the system checks whether the current tyre pressures are within the specified range. The new tyre pressures are then accepted as reference values and monitored.

If you wish to cancel the restart:

Press the <u></u>button. The tyre pressure values stored at the last restart will continue to be monitored.

Radio type approval for the tyre pressure monitor

Country	Radio type approval number
Argentina	MW2433A H-12337 GG4 H-12338
Brazil	2770-12-8001 Model: MW2433A 0381-13-8001 Model: GG4
Abu Dhabi Dubai	TRA, Registered NO ER0092100/12 TRA, Registered NO ER0099792/12 TRA, Registered NO ER0076990/11 Dealer NO: DA0047074/10
Jordan	Model: Gen Alpha Wal 2 TPMS transmitter Type Approval Number: TRC/LPD/2012/114 Model: Gen Gamma Gen 4 433.92 Mhz. Type Approval Number: TRC/LPD/2012/190 Model: Corax 3 MRXMC34MA4 Type Approval Number: TRC/LPD/2011/158 Type Number: LPD
Morocco	MR7319 ANRT 2012/ 11/07/2012 MR7672 ANRT 2012/ 23/11/2012 MR6706 ANRT 2011
Moldova	1024
Philip- pines	No: ESD-1206394C No: ESD-1306871C
Serbia	И 011 12

Country	Radio type approval number
Singapore	Compliance with IDA Standard DA- 103365
South Africa	TA-2012/719 TA-2012/1540 TA-2011/1370

Changing a wheel

Flat tyre

You can find information on what to do in the event of a flat tyre in the "Breakdown assistance" section (\triangleright page 388). Information on driving with MOExtended tyres in the event of a flat tyre can be found under "Breakdown assistance" (\triangleright page 388).

Vehicles with an emergency spare wheel: in the event of a flat tyre, fit the emergency spare wheel according to the description under "Fitting a wheel" (> page 414).

Interchanging the wheels

Interchanging the front and rear wheels may severely impair the driving characteristics if the wheels or tyres have different dimensions. The wheel brakes or suspension components may also be damaged. There is a risk of accident.

Interchange front and rear wheels only if the wheels and tyres are of the same dimensions.

On vehicles fitted with a tyre pressure monitor, electronic components are located in the wheel.

Tyre-fitting tools should not be applied in the area of the valve, as this could damage the electronic components.

Only have tyres changed at a qualified specialist workshop.

Interchanging the front and rear wheels of differing dimensions can render the general operating permit invalid.

Observe the instructions and safety notes in the "Fitting a wheel" section (\triangleright page 414).

The wear patterns on the front and rear tyres differ depending on the operating conditions. Interchange the wheels before a clear wear pattern has formed on the tyres. Front tyres typically wear more on the shoulders and the rear tyres in the centre.

On vehicles that have the same size front and rear wheels, you can interchange the wheels every 5,000 to 10,000 km depending on the degree of tyre wear. Ensure that the direction of rotation is maintained.

Clean the contact surfaces of the wheel and the brake disc thoroughly every time a wheel is interchanged. Check the tyre pressure and, if necessary, restart the tyre pressure loss warning system or the tyre pressure monitor.

Direction of rotation

Tyres with a specified direction of rotation have additional benefits, e.g. if there is a risk of aquaplaning. These advantages can only be gained if the tyres are fitted corresponding to the direction of rotation.

An arrow on the sidewall of the tyre indicates its correct direction of rotation.

Storing wheels

Store wheels that are not being used in a cool, dry and preferably dark place. Protect the tyres against oil, grease, petrol and diesel.

Fitting a wheel

Preparing the vehicle

- ► Vehicles with an emergency spare wheel: when fitting the emergency spare wheel in the event of a flat tyre, observe the additional notes on vehicle preparation under "Flat tyre" (▷ page 388).
- Stop the vehicle on solid, non-slippery and level ground.
- ► Apply the electric parking brake manually.
- ► Unload heavy luggage.
- Move the front wheels to the straight-ahead position.
- ► Shift the transmission to position **P**.

- ► Vehicles with the AIRMATIC package: make sure that the normal vehicle level is selected (▷ page 222).
- ▶ Vehicles with the Off-Road Engineering package: make sure that the normal vehicle level is selected (▷ page 216).
- ► Switch off the engine.
- Vehicles without KEYLESS-GO: remove the key from the ignition lock.
- Vehicles with KEYLESS-GO: open the driver's door.

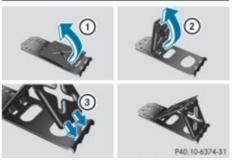
The on-board electronics now have status ${\bf 0}.$ This is the same as the key having been removed.

- ▶ Vehicles with KEYLESS-GO: remove the Start/Stop button from the ignition lock (▷ page 158).
- If included in the vehicle equipment, remove the tyre-change tool kit from the vehicle.
- ► Safeguard the vehicle against rolling away.
- Apart from certain country-specific variations, vehicles are not equipped with a tyrechange tool kit. For information on which tools are required to perform a wheel change on your vehicle, consult a Mercedes-Benz Service Centre.

Necessary tyre-changing tools may include, for example:

- Jack
- Wheel chock
- Wheel wrench

Securing the vehicle against rolling away



If your vehicle is equipped with a wheel chock, it can be found in the tyre-change tool kit (> page 387).

The folding wheel chock is an additional securing measure to safeguard the vehicle from rolling away, for example when changing a wheel.

- ▶ Fold both plates upwards ①.
- ► Fold out lower plate ②.
- ► Insert the lugs on the lower plate fully into the openings in base plate ③.



Place chocks or other suitable items under the front and rear of the wheel that is diagonally opposite the wheel you wish to change.

Raising the vehicle

▲ WARNING

If you do not position the jack correctly at the appropriate jacking point of the vehicle, the jack could tip over with the vehicle raised. There is a risk of injury.

Only position the jack at the appropriate jacking point of the vehicle. The base of the jack must be positioned vertically, directly under the jacking point of the vehicle.

Observe the following when raising the vehicle:

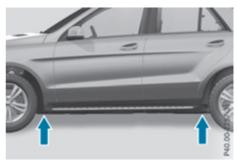
- only use the vehicle-specific jack that has been tested and approved by Mercedes-Benz to raise the vehicle. If the jack is used incorrectly, it could tip over while the vehicle is raised.
- the jack is designed only to raise and hold the vehicle for a short time while a wheel is being changed. It is not permissible to use it to perform maintenance work under the vehicle.
- avoid changing the wheel on uphill and downhill slopes.
- before raising the vehicle, safeguard it from rolling away by applying the parking brake and

positioning wheel chocks. Do not release the parking brake while the vehicle is raised.

- the jack must be placed on a firm, flat and non-slip surface. On a loose surface, a large, flat load-bearing underlay must be used. On a slippery surface, a non-slip underlay must be used, e.g. rubber mats.
- do not use wooden blocks or similar objects as a jack underlay. Otherwise, the jack will not be able to achieve its load-bearing capacity due to the restricted height.
- make sure that the distance between the underside of the tyres and the ground does not exceed 3 cm.
- do not place your hands or feet under the raised vehicle.
- do not lie under the vehicle.
- do not start the engine when the vehicle is raised.
- do not open or close a door or the tailgate while the vehicle is raised.
- make sure that no persons are present in the vehicle when the vehicle is raised.



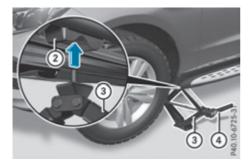
Using wheel wrench ①, loosen the bolts on the wheel you wish to change by about one full turn. Do not unscrew the bolts completely.



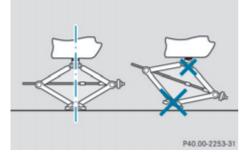
416 Changing a wheel

The jacking points are located just behind the front wheel arches and just in front of the rear wheel arches (arrows).

Take the ratchet ring spanner out of the vehicle tool kit and place it on the hexagon nut of the jack so that the letters AUF are visible.



Position jack (3) at jacking point (2). The centring pin on the jack must be inserted into the intended opening on the jacking point.



- Make sure that the base of the jack is positioned vertically under the jacking point.
- ► Turn ratchet ring spanner ④ until jack ③ sits completely on jacking point ② and the base of the jack lies evenly on the ground.
- ► Turn ratchet ring spanner ④ until the tyre is raised a maximum of 3 cm from the ground.

Removing a wheel

Do not place wheel bolts in sand or dirt. The threads of the wheel bolts and wheel hubs could otherwise be damaged when the bolts are tightened.



- Unscrew the uppermost wheel bolt completely.
- Screw centring pin ① into the thread instead of the wheel bolt.
- ▶ Unscrew the remaining wheel bolts fully.
- ▶ Remove the wheel.

Fitting a new wheel

≜ WARNING

Oiled or greased wheel bolts or damaged wheel bolts/hub threads can cause the wheel bolts to come loose. As a result, you could lose a wheel while driving. There is a risk of accident.

Never oil or grease wheel bolts. In the event of damage to the threads, contact a qualified specialist workshop immediately. Have the damaged wheel bolts or hub threads replaced/renewed. Do not continue driving.

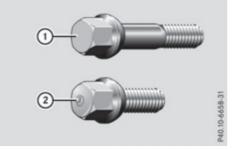
MARNING

If you tighten the wheel bolts or wheel nuts when the vehicle is raised, the jack could tip over. There is a risk of injury.

Only tighten the wheel bolts or wheel nuts when the vehicle is on the ground.

It is imperative to observe the instructions and safety notes on "Changing a wheel" (> page 413).

Only use wheel bolts that have been designed for the wheel and the vehicle. For safety reasons, Mercedes-Benz recommends that you only use wheel bolts which have been approved for Mercedes-Benz vehicles and the respective wheel. Always use wheel bolts (2) to fit the collapsible emergency spare wheel. Using other wheel bolts to fit the collapsible emergency spare wheel could damage the brake system.



- ① Wheel bolts for all wheels supplied by the factory and for the collapsible emergency spare wheel (Mercedes-AMG GLE 63)
- ② Wheel bolts for the "Minispare" emergency spare wheel



- Clean the wheel and wheel hub contact surfaces.
- Slide the wheel to be mounted onto the centring pin and push it on.
- ► Tighten the wheel bolts until they are fingertight.
- ► Unscrew the centring pin.
- Tighten the last wheel bolt until it is fingertight.
- Mercedes-AMG vehicles with a collapsible emergency spare wheel: inflate the collapsible emergency spare wheel
 (> page 431).
 Only then lower the vehicle.

Lowering the vehicle

▲ WARNING

The wheels could work loose if the wheel nuts and bolts are not tightened to the specified tightening torque. There is a risk of accident.

Have the tightening torque immediately checked at a qualified specialist workshop after a wheel is changed.

- Mercedes-AMG vehicles with a collapsible emergency spare wheel: inflate the collapsible emergency spare wheel using the tyre inflation compressor before lowering the vehicle. There is otherwise a risk of damaging the wheel.
- ► Place the ratchet ring spanner onto the hexagon nut of the jack so that the letters **AB** are visible.
- Turn the ratchet ring spanner until the vehicle is once again standing firmly on the ground.
- ▶ Place the jack to one side.



- ► Tighten the wheel bolts evenly in a crosswise pattern in the sequence indicated (① to ⑤). The tightening torque must be 150 Nm.
- ► Turn the jack back to its initial position.
- Stow the jack and the rest of the tyre changing tools in the stowage well under the boot floor.
- Check the air pressure of the newly fitted wheel and adjust accordingly.

Observe the recommended tyre pressure (\triangleright page 408).

If you are driving with the emergency spare wheel fitted, the tyre pressure loss warning system or the tyre pressure monitor cannot function reliably. Only restart the tyre pressure loss warning system or tyre pressure monitor when the defective wheel has been replaced with a new wheel.

Vehicles with a tyre pressure monitor: all fitted wheels must be equipped with functioning sensors.

Wheel and tyre combinations

General notes

For safety reasons, Mercedes-Benz recommends that you only use tyres and wheels which have been approved by Mercedes-Benz specifically for your vehicle.

These are specially adapted to the control systems, such as ABS or ESP[®] and are marked as follows:

- MO = Mercedes-Benz Original
- MOE = Mercedes-Benz Original Extended (tyres featuring run-flat characteristics)
- MO1 = Mercedes-Benz Original (only certain AMG tyres)

Mercedes-Benz Original Extended tyres may only be used on wheels that have been specifically approved by Mercedes-Benz.

Only use tyres, wheels or accessories tested and approved by Mercedes-Benz. Certain characteristics, e.g. handling, vehicle noise emissions or fuel consumption, may otherwise be adversely affected. In addition, when driving with a load, tyre dimension variations could cause the tyres to come into contact with the bodywork and axle components. This could result in damage to the tyres or the vehicle.

Mercedes-Benz accepts no liability for damage resulting from the use of tyres, wheels or accessories other than those tested and approved.

Further information about wheels, tyres and approved combinations can be obtained from any qualified specialist workshop.

Retreaded tyres are neither tested nor recommended by Mercedes-Benz, since previous damage cannot always be detected on retreaded tyres. As a result, Mercedes-Benz cannot guarantee vehicle safety if retreaded tyres are fitted. Do not fit used tyres if you have no information about their previous usage. Large wheels: the lower the section width for a certain wheel size, the lower the ride comfort is on poor road surfaces. Roll comfort and suspension comfort are reduced and the risk of damage to the wheels and tyres as a result of driving over obstacles increases.

Overview of abbreviations used in the following tyre tables:

- BA: both axles
- FA: front axle
- RA: rear axle

The recommended tyre pressures can be found in the tyre pressure table on the fuel filler flap. For further information on tyre pressure, see (\triangleright page 408). Check tyre pressures regularly and only when the tyres are cold.

Notes on the vehicle equipment – always fit the vehicle:

- with tyres of the same size across an axle (left/right)
- with the same type of tyres at a given time (summer tyres, winter tyres, MOExtended tyres)

Vehicles with MOExtended tyres are not equipped with a TIREFIT kit at the factory. It is therefore recommended that you additionally equip your vehicle with a TIREFIT kit if you fit tyres that do not feature run-flat characteristics, e.g. winter tyres. A TIREFIT kit can be obtained from a qualified specialist workshop.

 Not all wheel/tyre combinations can be fitted at the factory in all countries.

Tyres

GLE 250 d

Summer tyres R18

Tyres	Wheels
BA: 255/55 R18 105 W	BA: 8.0 J x 18 H2 ET 56
BA: 255/55 R18 105 W	BA: 8.0 J x 18 H2 ET 56.5

R19

Tyres	Wheels
BA: 255/50 R19 103 W ⁶	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 62

R20

Tyres	Wheels
BA: 265/45 R20 104 Y ^{6, 7}	BA: 9.0 J x 20 H2 ET 57

R21

Tyres	Wheels
BA: 265/40 R21 105 Y XL ^{7, 8, 9}	BA: 9.0 J x 21 H2 ET 53

Winter tyres

R17

Tyres	Wheels
BA: 235/65 R17 104 H M+S 🛕	BA: 7.5 J x 17 H2 ET 53

R18

Tyres	Wheels
BA: 255/55 R18 105 H M+S 🛕	BA: 8.0 J x 18 H2 ET 56
BA: 255/55 R18 105 H M+S 🛕	BA: 8.0 J x 18 H2 ET 56.5

⁶ Available as MOExtended tyres.

- ⁷ Use of snow chains not permitted. Observe the notes in the "Snow chains" section.
- ⁸ Observe the notes on "Large wheels" under "General notes" in the "Wheel/tyre combinations" section.
- ⁹ Only for vehicles with the AIRMATIC package (code 489).

R19

Tyres	Wheels
BA: 255/50 R19 107 H XL M+S 🛕 6	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 107 H XL M+S 🛕 6,7	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 107 H XL M+S 🛕 6,7	BA: 8.5 J x 19 H2 ET 62

R20

Tyres	Wheels
BA: 265/45 R20 108 V XL M+S 🛕 7	BA: 9.0 J x 20 H2 ET 57

GLE 250 d 4MATIC

Summer tyres R18

Tyres	Wheels
BA: 255/55 R18 105 W	BA: 8.0 J x 18 H2 ET 56
BA: 255/55 R18 105 W	BA: 8.0 J x 18 H2 ET 56.5

R19

Tyres	Wheels
BA: 255/50 R19 103 W ⁶	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 62

R20

Tyres	Wheels
BA: 265/45 R20 104 Y ^{6, 7}	BA: 9.0 J x 20 H2 ET 57

R21

Tyres	Wheels
BA: 265/40 R21 105 Y XL ^{7, 8, 9}	BA: 9.0 J x 21 H2 ET 53

6 Available as MOExtended tyres.

- $^7~$ Use of snow chains not permitted. Observe the notes in the "Snow chains" section.
- ⁸ Observe the notes on "Large wheels" under "General notes" in the "Wheel/tyre combinations" section.
- ⁹ Only for vehicles with the AIRMATIC package (code 489).

Winter tyres R17

Tyres	Wheels
BA: 235/65 R17 104 H M+S 🛕	BA: 7.5 J x 17 H2 ET 53

R18

Tyres	Wheels
BA: 255/55 R18 105 H M+S 🛕	BA: 8.0 J x 18 H2 ET 56
BA: 255/55 R18 105 H M+S 🛕	BA: 8.0 J x 18 H2 ET 56.5

R19

Tyres	Wheels
BA: 255/50 R19 107 H XL M+S 🛕 6	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 107 H XL M+S 🛕 6,7	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 107 H XL M+S 🛕 6,7	BA: 8.5 J x 19 H2 ET 62

R20

Tyres	Wheels
BA: 265/45 R20 108 V XL M+S 🛕 7	BA: 9.0 J x 20 H2 ET 57

GLE 320 4MATIC

Summer tyres R18

Tyres	Wheels
BA: 255/55 R18 105 W	BA: 8.0 J x 18 H2 ET 56
BA: 255/55 R18 105 W	BA: 8.0 J x 18 H2 ET 56.5

R19

Tyres	Wheels
BA: 255/50 R19 103 W ⁶	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 62

⁶ Available as MOExtended tyres.

 $^7\,$ Use of snow chains not permitted. Observe the notes in the "Snow chains" section.

422 Wheel and tyre combinations

R20

Tyres	Wheels
BA: 265/45 R20 104 Y ^{6, 7}	BA: 9.0 J x 20 H2 ET 57

Wheels

BA: 9.0 J x 21 H2 ET 53

R21

BA: 265/40 R21 105 Y XL^{7, 8, 9}

Winter tyres R18

Tyres	Wheels
BA: 255/55 R18 105 H M+S 🛕	BA: 8.0 J x 18 H2 ET 56
BA: 255/55 R18 105 H M+S 🛕	BA: 8.0 J x 18 H2 ET 56.5

R19

Tyres	Wheels
BA: 255/50 R19 107 H XL M+S 🛕 6	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 107 H XL M+S 🛕 ^{6,7}	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 107 H XL M+S 🔬 6,7	BA: 8.5 J x 19 H2 ET 62

R20

Tyres	Wheels
BA: 265/45 R20 108 V XL M+S 🛚 🔏 7	BA: 9.0 J x 20 H2 ET 57

GLE 350 d 4MATIC

Summer tyres R18

Tyres	Wheels
BA: 255/55 R18 105 W	BA: 8.0 J x 18 H2 ET 56
BA: 255/55 R18 105 W	BA: 8.0 J x 18 H2 ET 56.5

6 Available as MOExtended tyres.

- $^7~$ Use of snow chains not permitted. Observe the notes in the "Snow chains" section.
- ⁸ Observe the notes on "Large wheels" under "General notes" in the "Wheel/tyre combinations" section.
- ⁹ Only for vehicles with the AIRMATIC package (code 489).

R19

Tyres	Wheels
BA: 255/50 R19 103 W ⁶	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 62

R20

Tyres	Wheels
BA: 265/45 R20 104 Y ^{6, 7}	BA: 9.0 J x 20 H2 ET 57

R21

Tyres	Wheels
BA: 265/40 R21 105 Y XL ^{7, 8, 9}	BA: 9.0 J x 21 H2 ET 53

Winter tyres

R17

Tyres	Wheels
BA: 235/65 R17 104 H M+S 🛕	BA: 7.5 J x 17 H2 ET 53

R18

Tyres	Wheels
BA: 255/55 R18 105 H M+S 🛕	BA: 8.0 J x 18 H2 ET 56
BA: 255/55 R18 105 H M+S 🛕	BA: 8.0 J x 18 H2 ET 56.5

R19

Tyres	Wheels
BA: 255/50 R19 107 H XL M+S 🛕 6	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 107 H XL M+S 🛕 6,7	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 107 H XL M+S 🛕 6,7	BA: 8.5 J x 19 H2 ET 62

⁶ Available as MOExtended tyres.

 $^7~$ Use of snow chains not permitted. Observe the notes in the "Snow chains" section.

 $^{8}~$ Observe the notes on "Large wheels" under "General notes" in the "Wheel/tyre combinations" section.

⁹ Only for vehicles with the AIRMATIC package (code 489).

Wheel and tyre combinations 424

R20		
Tyres		Wheels
BA: 265/45 R20 108 V XL M+S 🦽	7	BA: 9.0 J x 20 H2 ET 57

GLE 400 4MATIC

Summer tyres

R18

Tyres	Wheels
BA: 255/55 R 18 105 W	BA: 8.0 J x 18 H2 ET 56
BA: 255/55 R 18 105 W	BA: 8.0 J x 18 H2 ET 56.5

R19

Tyres	Wheels
BA: 255/50 R19 103 W ⁶	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 62

R20

Tyres	Wheels
BA: 265/45 R20 104 Y ^{6, 7}	BA: 9.0 J x 20 H2 ET 57

R21

Tyres	Wheels
BA: 265/40 R21 105 Y XL ^{7, 8, 9}	BA: 9.0 J x 21 H2 ET 53

Winter tyres

R18

Tyres	Wheels
BA: 255/55 R18 105 H M+S 🛕	BA: 8.0 J x 18 H2 ET 56
BA: 255/55 R18 105 H M+S 🛕	BA: 8.0 J x 18 H2 ET 56.5

⁷ Use of snow chains not permitted. Observe the notes in the "Snow chains" section.

⁶ Available as MOExtended tyres.

⁸ Observe the notes on "Large wheels" under "General notes" in the "Wheel/tyre combinations" section.

⁹ Only for vehicles with the AIRMATIC package (code 489).

R19

Tyres	Wheels
BA: 255/50 R19 107 H XL M+S 🛕 6	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 107 H XL M+S 🛕 6,7	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 107 H XL M+S 🛕 ^{6,7}	BA: 8.5 J x 19 H2 ET 62

R20

Tyres	Wheels
BA: 265/45 R20 108 V XL M+S 🛕 7	BA: 9.0 J x 20 H2 ET 57

GLE 450 Sport AMG 4MATIC

Summer tyres

R20

Tyres	Wheels
BA: 265/45 ZR20 108 Y XL ^{6, 7}	BA: 9.0 J x 20 H2 ET 57

R21

Tyres	Wheels
BA: 265/40 R21 105 Y XL ^{7, 8, 9}	BA: 9.0 J x 21 H2 ET 53

Winter tyres

R20

Tyres	Wheels
BA: 255/45 R20 105 V XL M+S 🛕	BA: 9.0 J x 20 H2 ET 57

GLE 500 4MATIC

Summer tyres

R19

Tyres	Wheels
BA: 255/50 R19 103 W ⁶	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 62

6 Available as MOExtended tyres.

 $^7~$ Use of snow chains not permitted. Observe the notes in the "Snow chains" section.

⁸ Observe the notes on "Large wheels" under "General notes" in the "Wheel/tyre combinations" section.

⁹ Only for vehicles with the AIRMATIC package (code 489).

426 Wheel and tyre combinations

R20

Tyres	Wheels
BA: 265/45 R20 104 Y ^{6, 7}	BA: 9.0 J x 20 H2 ET 57

Wheels

BA: 9.0 J x 21 H2 ET 53

R21

lyres

BA: 265/40 R21 105 Y XL^{7, 8, 9}

Winter tyres R19

Tyres	Wheels
BA: 255/50 R19 107 H XL M+S 🛕 6	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 107 H XL M+S 🛕 6,7	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 107 H XL M+S 🛕 6,7	BA: 8.5 J x 19 H2 ET 62

R20

Tyres	Wheels
BA: 265/45 R 20 108 V XL M+S 🔺 7	BA: 9.0 J x 20 H2 ET 57

GLE 500 e 4MATIC

Summer tyres

R19

Tyres	Wheels
BA: 255/50 R19 103 W ⁶	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 103 W ^{6, 7}	BA: 8.5 J x 19 H2 ET 62

R20

Tyres	Wheels
BA: 265/45 R20 104 Y ^{6, 7}	BA: 9.0 J x 20 H2 ET 57

6 Available as MOExtended tyres.

- $^7~$ Use of snow chains not permitted. Observe the notes in the "Snow chains" section.
- ⁸ Observe the notes on "Large wheels" under "General notes" in the "Wheel/tyre combinations" section.
- ⁹ Only for vehicles with the AIRMATIC package (code 489).

R21

Tyres	Wheels
BA: 265/40 R21 105 Y XL ^{7, 8, 9}	BA: 9.0 J x 21 H2 ET 53

Winter tyres

R19

Tyres	Wheels
BA: 255/50 R19 107 H XL M+S 🛕 6	BA: 8.0 J x 19 H2 ET 56
BA: 255/50 R19 107 H XL M+S 🛕 6,7	BA: 8.5 J x 19 H2 ET 59
BA: 255/50 R19 107 H XL M+S 🛕 6,7	BA: 8.5 J x 19 H2 ET 62

R20

Tyres	Wheels
BA: 265/45 R20 108 V XL M+S 🖽 7	BA: 9.0 J x 20 H2 ET 57

Mercedes-AMG GLE 63 4MATIC

Summer tyres

R20

Tyres	Wheels
BA: 265/45 ZR20 108 Y XL ⁷	BA: 9.0 J x 20 H2 ET 31

R21

Tyres	Wheels
BA: 295/35 ZR21 107 Y XL ^{7, 8}	BA: 10.0 J x 21 H2 ET 46

Winter tyres

R20

Tyres	Wheels
BA: 255/45 R20 105 V XL M+S 🔺	BA: 9.0 J x 20 H2 ET 41

R21

Tyres	Wheels
BA: 295/35 R21 107 V XL M+S 🚕 ^{7,8}	BA: 10.0 J x 21 H2 ET 46

⁷ Use of snow chains not permitted. Observe the notes in the "Snow chains" section.

⁸ Observe the notes on "Large wheels" under "General notes" in the "Wheel/tyre combinations" section.

⁹ Only for vehicles with the AIRMATIC package (code 489).

⁶ Available as MOExtended tyres.

Summer tyres

R20

Tyres	Wheels
BA: 265/45 ZR20 108 Y XL ⁷	BA: 9.0 J x 20 H2 ET 31

R21

Tyres	Wheels
BA: 295/35 ZR21 107 Y XL ^{7, 8}	BA: 10.0 J x 21 H2 ET 46

Winter tyres

R20

Tyres	Wheels		
BA: 255/45 R20 105 V XL M+S 🛛 🙈	BA: 9.0 J x 20 H2 ET 41		
R21			
Tyres	Wheels		
BA: 295/35 R21 107 V XL M+S 🚕 ^{7, 8}	BA: 10.0 J x 21 H2 ET 46		

Emergency spare wheel

BA: 295/35 R21 107 V XL M+S 🔥

Important safety notes

M WARNING

The wheel/tyre dimensions and the tyre type of the spare wheel/emergency spare wheel and the wheel to be replaced may differ. Fitting a spare wheel/emergency spare wheel may severely impair the driving characteristics. There is a risk of accident.

To prevent hazardous situations:

- Adapt your driving style accordingly and drive carefully.
- Never fit more than one spare wheel/emergency spare wheel if the dimensions are different to those of the wheel being replaced.

- Only use a spare wheel/emergency spare wheel briefly if the dimensions are different to those of the wheel being replaced.
- Do not switch off ESP[®].
- Have the spare wheel/emergency spare wheel in question replaced at the nearest qualified specialist workshop. Make sure that the wheel/tyre dimensions and tyre type are correct.

When using an emergency spare wheel or spare wheel of a different size, you must not exceed the maximum speed of 80 km/h.

Snow chains must not be fitted to emergency spare wheels.

General notes

Fitting the emergency spare wheel is described under "Fitting a wheel" (\triangleright page 414).

- ⁷ Use of snow chains not permitted. Observe the notes in the "Snow chains" section.
- ⁸ Observe the notes on "Large wheels" under "General notes" in the "Wheel/tyre combinations" section.

You should regularly check the pressure of the emergency spare wheel, particularly prior to long trips, and correct the pressure as necessary (\triangleright page 408). The value on the wheel or as given in the "Wheels and tyres" section is valid (\triangleright page 432).

An emergency spare wheel may also be fitted against the direction of rotation. Observe the time restriction on use as well as the speed limitation specified on the emergency spare wheel.

Replace the tyres after six years at the latest, regardless of wear. This also applies to the emergency spare wheel.

If you are driving with the emergency spare wheel fitted, the tyre pressure loss warning system or the tyre pressure monitor cannot function reliably. Only restart the tyre pressure loss warning system or tyre pressure monitor when the defective wheel has been replaced with a new wheel.

Vehicles with tyre pressure monitor: after fitting an emergency spare wheel, the system may still display the tyre pressure of the removed wheel for a few minutes. The value displayed for the position where the emergency spare wheel is fitted is not the same as the current tyre pressure of the emergency spare wheel.

Removing/stowing the emergency spare wheel

Vehicles with a "Minispare" emergency spare wheel under the luggage compartment floor

Observe the instructions and safety notes in the "Fitting a wheel" section (\triangleright page 414).

The "Minispare" emergency spare wheel can be found in the stowage well under the luggage compartment floor.



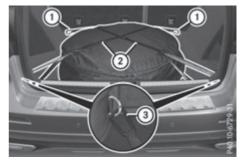
Removing the emergency spare wheel

- ► Lift the luggage compartment floor upwards (▷ page 359).
- Turn emergency spare wheel retainer (2) anticlockwise and remove it.
- Remove "Minispare" emergency spare wheel ①.

Vehicles with a "Minispare" emergency spare wheel bag

Observe the instructions and safety notes in the "Fitting a wheel" section (\triangleright page 414).

On vehicles with a Bang & Olufsen sound system, the "Minispare" emergency spare wheel is packed in an emergency spare wheel bag. The emergency spare wheel bag is secured to the lashing eyelets in the luggage compartment.



Removing the emergency spare wheel

- ▶ Detach the fastening straps ②.
- Unhook retaining spring hooks (1) and (3) of fastening straps (2) from the lasing eyelets.
- Remove the emergency spare wheel bag with the "Minispare" emergency spare wheel.
- Open the emergency spare wheel bag and remove the "Minispare" emergency spare wheel.

Stowing the emergency spare wheel

- Place the "Minispare" emergency spare wheel into the emergency spare wheel bag and close the emergency spare wheel bag.
- Place the emergency spare wheel bag with the "Minispare" emergency spare wheel into the luggage compartment with the carrying strap at the back.
- ► Hook retaining spring hooks ① and ③ of fastening straps ② into the lasing eyelets.
- ▶ Tighten fastening straps ②.

Mercedes-AMG vehicles with a collapsible emergency spare wheel under the luggage compartment floor

• Only place the collapsible emergency spare wheel in the vehicle when it is dry. Otherwise, moisture may get into the vehicle.

Observe the instructions and safety notes in the "Fitting a wheel" section (\triangleright page 414).

The collapsible emergency spare wheel can be found in the stowage well under the luggage compartment floor.



Removing the emergency spare wheel

- ► Lift the luggage compartment floor upwards (▷ page 359).
- ► Unscrew retaining screw ② anti-clockwise.
- Remove collapsible emergency spare wheel ① from the spare wheel well.

Inflating the collapsible emergency spare wheel (\triangleright page 431).

Take the following steps to stow a used collapsible emergency spare wheel. Otherwise, it will not fit in the spare wheel well. Mercedes-Benz recommends that you have this work performed at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre. Stowing the emergency spare wheel

- ▶ Unscrew the valve cap from the valve.
- ► If possible, unscrew the valve insert from the valve and release the air.
- Fully deflating the tyre may take a few minutes.
- Screw the valve insert back into the valve.
- Screw the valve cap back on.
- ► Lay collapsible emergency spare wheel ① in the emergency spare wheel well.
- Screw in retaining screw (2) clockwise in the collapsible emergency wheel to the stop.
- ► Swing the luggage compartment floor down (▷ page 359).

Mercedes-AMG vehicles with a collapsible emergency spare wheel in the emergency spare wheel bag

Observe the instructions and safety notes in the "Fitting a wheel" section (▷ page 414). On Mercedes-AMG vehicles with a Bang & Olufsen sound system, the collapsible emergency spare wheel is packed in an emergency spare wheel bag. The emergency spare wheel bag is secured to the lashing eyelets in the luggage



Removing the emergency spare wheel

- ▶ Unhook retaining spring hooks ① of fastening strap ② from the lashing eyelets.
- ► Remove the emergency spare wheel bag with the collapsible emergency spare wheel.
- Open the emergency spare wheel bag and remove the collapsible emergency spare wheel.

Inflating the collapsible emergency spare wheel (> page 431).

Stowing the emergency spare wheel

- Place the collapsible emergency spare wheel into the emergency spare wheel bag and close the emergency spare wheel bag.
- Place the emergency spare wheel bag with the collapsible emergency spare wheel into the luggage compartment with the carrying strap at the back.
- ► Hook retaining spring hooks ① of fastening strap ② into the lashing eyelets.
- ▶ Tighten fastening strap ②.

Inflating the collapsible emergency spare wheel (Mercedes-AMG GLE 63)

Inflate the collapsible emergency spare wheel using the tyre inflation compressor before lowering the vehicle. The wheel rim could otherwise be damaged.

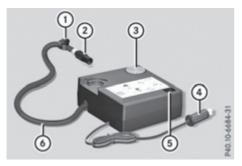
Do not operate the tyre inflation compressor for longer than eight minutes at a time without a break. It may otherwise overheat. The tyre inflation compressor can be operated again once it has cooled down.

Comply with the manufacturer's safety instructions on the tyre inflation compressor label and on the tyre sealant bottle.

► Mount the collapsible emergency spare wheel as described (▷ page 414).

The collapsible emergency spare wheel must be mounted before it is inflated.

▶ Remove the tyre inflation compressor from the stowage space under the luggage compartment floor (▷ page 387).



- ▶ Pull connector ④ and hose ⑥ out of the housing.
- Remove the cap from the valve on the collapsible emergency spare wheel.
- Screw union nut ② of hose ⑥ onto the valve.
- ► Make sure on/off switch ⑤ of the tyre inflation compressor is set to **0**.
- Insert connector ④ into a socket in your vehicle.

Cigarette lighter socket: (\triangleright page 364)

12 V sockets: (▷ page 364)

Observe the notes on the cigarette lighter (\triangleright page 364). Observe the notes on sockets (\triangleright page 364).

- ► Turn the key to position 1 in the ignition lock (▷ page 158).
- Press on and off switch (5) on the tyre inflation compressor to I.
 The tyre inflation compressor is switched on.

The tyre inflated. The tyre pressure is shown on pressure gauge ③.

- Pump the tyre to the specified tyre pressure. The specified tyre pressure is printed on the yellow label of the emergency spare wheel.
- When the specified tyre pressure has been reached, press on and off switch (5) on the electric air pump to 0.
 The tyre inflation compressor is switched off.

► Turn the key to position **0** in the ignition lock.

- If the tyre pressure is higher than the specified pressure, press pressure release valve button ① until the correct tyre pressure has been reached.
- ▶ Unscrew union nut ② on hose ⑥ from the valve.
- Screw the valve cap onto the collapsible emergency spare wheel valve again.
- Stow connector ④ and hose ⑥ in the lower section of the tyre inflation compressor.
- Stow the tyre inflation compressor in the vehicle.

Technical data

All models (except GLE 450 Sport AMG 4MATIC, GLE 500 4MATIC and Mercedes-AMG GLE 63)

"Minispare" emergency spare wheel

Tyres	Wheels
T 155/90 R18 113 M ^{10, 11} Tyre pressure: 420 kPa (4.2 bar/61 psi)	4.0 B x 18 H2 ET 40
T 155/80 R19 114 M ¹² Tyre pressure: 420 kPa (4.2 bar/61 psi)	4.5 B x 19 H2 ET 40

1 Hybrid vehicles are not equipped with an emergency spare wheel at the factory. In the event of a flat tyre, there is a TIREFIT kit at your disposal.

GLE 450 Sport AMG 4MATIC and GLE 500 4MATIC

"Minispare" emergency spare wheel

Tyres	Wheels
T 155/80 R19 114 M Tyre pressure: 420 kPa (4.2 bar/61 psi)	4.5 B x 19 H2 ET 40

Mercedes-AMG GLE 63

Collapsible emergency spare wheel

Tyres	Wheels
195/65 R20 108 P Tyre pressure: 350 kPa (3.5 bar/51 psi)	6.0 B x 20 H2 ET 36

¹⁰ Not for GLE 500 4MATIC.

¹¹ Not in conjunction with the AIRMATIC package (code 489).

¹² Only for vehicles with the AIRMATIC package (code 489).

Useful information

This Owner's Manual describes all models, series and optional equipment for your vehicle that were available at the time of going to press. National variations are possible. Note that your vehicle may not be equipped with all of the functions described. This is also the case for systems and functions relevant to safety.

 Read the information on qualified specialist workshops: (▷ page 28).

Information on technical data

 The technical data was determined in accordance with EU Directives. All data applies to the vehicle's standard equipment. The data may therefore differ for vehicles with optional equipment. You can obtain further information from a Mercedes-Benz Service Centre.

Vehicle electronics

Tampering with the engine electronics

Only have work carried out on the engine electronics and its associated parts, such as control units, sensors, actuating components and connector leads, at a qualified specialist workshop. Vehicle components may otherwise wear more quickly and the vehicle's operating permit may be invalidated.

Retrofitting two-way radios and mobile phones (RF transmitters)

If RF transmitters are tampered with or not properly retrofitted, the electromagnetic radiation they emit can interfere with the vehicle electronics. This may jeopardise the operational safety of the vehicle. There is a risk of an accident. You should have all work on electrical and electronic components carried out at a qualified specialist workshop.

If you operate RF transmitters incorrectly in the vehicle, the electromagnetic radiation could interfere with the vehicle electronics, e.g.:

- if the RF transmitter is not connected to an exterior aerial
- the exterior aerial has been fitted incorrectly or is not a low-reflection type

This could jeopardise the operating safety of the vehicle. There is a risk of an accident.

Have the low-reflection exterior aerial fitted at a qualified specialist workshop. When operating RF transmitters in the vehicle, always connect them to the low-reflection exterior aerial.

The operating permit may be invalidated if the instructions for installation and use of RF transmitters are not observed.

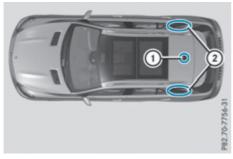
In particular, the following conditions must be complied with:

- only approved wavebands may be used.
- observe the maximum permissible output in these wavebands.
- only approved aerial positions may be used.

Excessive levels of electromagnetic radiation may cause damage to your health and to the health of others. The use of an exterior aerial takes into consideration the scientific discussion surrounding the possible health risk posed by electromagnetic fields.

Observe the notes on operating mobile phones (\triangleright page 366).

The following aerial positions may be used for the correct installation of RF transmitters:



Approved aerial positions

- ① Rear roof area
- Rear wing

(1) On the rear wing, it is recommended that you position the aerial on the side of the vehicle closest to the centre of the road.

Use Technical Specification ISO/TS 21609 (Road Vehicles – "EMC guidelines for fitting aftermarket radio frequency transmitting equipment") when retrofitting RF (radio frequency) transmitters. Comply with the legal requirements for add-on parts.

If your vehicle has fittings for two-way radio equipment, use the power supply or aerial connections intended for use with the basic wiring. Be sure to observe the manufacturer's additional instructions when installing.

Deviations with respect to wavebands, maximum transmission outputs or aerial positions must be approved by Mercedes-Benz.

The maximum transmission output (PEAK) at the base of the aerial must not exceed the following values:

Waveband	Maximum transmission output
Short wave 3 - 54 MHz	100 W
4 m waveband 74 - 88 MHz	30 W
2 m waveband 144 - 174 MHz	50 W
Trunked radio/Tetra 380 - 460 MHz	10 W

Waveband	Maximum transmission output
70 cm waveband 400 - 460 MHz	35 W
Mobile communications (2G/3G/4G)	10 W

The following can be used in the vehicle without restrictions:

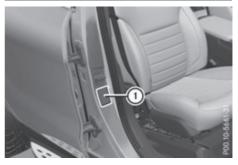
- RF transmitters with a maximum transmission output of up to 100 mW
- RF transmitters with transmitter frequencies in the 380 - 410 MHz waveband and a maximum transmission output of up to 2 W (trunked radio/Tetra)
- mobile telephones (2G/3G/4G)

There are no restrictions when positioning the aerial on the outside of the vehicle for the following wavebands:

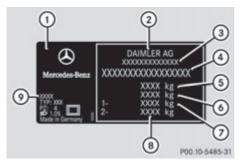
- trunked radio/Tetra
- 70 cm waveband
- 2G/3G/4G

Identification plates

Vehicle identification plate with vehicle identification number (VIN)



Open the front right-hand door.
 You will see vehicle identification plate ①.



Example: vehicle identification plate

- ① Vehicle identification plate
- ② Vehicle manufacturer (Daimler AG)
- EU type approval number (only for certain countries)
- (4) VIN
- Maximum permissible gross vehicle weight (kg)
- Maximum permissible mass of vehicle/ trailer combination (kg)
- ⑦ Maximum permissible front axle load (kg)
- (8) Maximum permissible rear axle load (kg)
- Paint code
- 1 The data shown on the vehicle identification plate is example data. This data is different for every vehicle and can deviate from the data shown here. You can find the data applicable to your vehicle on the vehicle's identification plate.

Vehicle identification number (VIN)



- ▶ Open the front right-hand door.
- Open cover ① in the direction of the arrow and remove it. The VIN can be seen.

The VIN can also be found on the vehicle identification plate (\triangleright page 434).

Engine number

The engine number is stamped into the crankcase. You can obtain further information from any qualified specialist workshop.

Service products and capacities

Important safety notes

Service product can be poisonous and hazardous to health. There is a risk of injury.

Observe the instructions on the respective original container when using, storing and disposing off service products. Always store service products in the sealed original container. Always keep service products out of the reach of children.

Environmental note

Dispose of service products in an environmentally-responsible manner.

Service products include the following:

- fuels
- \bullet exhaust gas aftertreatment additives, e.g. $\mathsf{AdBlue}^{\circledast}$
- lubricants (e.g. engine oil, transmission oil)
- coolant
- brake fluid
- windscreen washer fluid
- climate control system refrigerant

Components and service products must be matched. Only use products recommended by Mercedes-Benz. Damage which is caused by the use of products which have not been recommended is not covered by the Mercedes-Benz warranty or goodwill gestures. They are listed in this Mercedes-Benz Owner's Manual in the appropriate section. You can identify service products approved by Mercedes-Benz by the following inscriptions on the container:

- MB-Freigabe (e.g. MB-Freigabe 229.51)
- MB-Approval (e.g. MB-Approval 229.51)

Other designations or recommendations indicate a level of quality or a specification in accordance with an MB Sheet Number (e.g. MB 229.5). They have not necessarily been approved by Mercedes-Benz.

Other identifications, for example:

- 0 W-30
- 5 W-30
- 5 W-40

Further information can be obtained from any Mercedes-Benz Service Centre or on the Internet at http://bevo.mercedes-benz.com.

Fuel

Important safety notes

Fuel is highly flammable. If you handle fuel incorrectly, there is a risk of fire and explosion.

You must avoid fire, naked flames, creating sparks and smoking. Switch off the engine and, if applicable, the auxiliary heating before refuelling.

MARNING

Fuels are poisonous and hazardous to health. There is a danger of injury.

Do not swallow fuel or let it come into contact with skin, eyes or clothing. Do not inhale fuel vapours. Keep fuels out of the reach of children.

If you or others come into contact with fuel, observe the following:

- Wash the fuel off any affected areas of skin with water and soap immediately.
- If you get fuel in your eyes, rinse them thoroughly with clean water immediately. Seek immediate medical attention.

- If fuel is swallowed, seek immediate medical attention. Do not induce vomiting.
- Change any clothing that has come into contact with fuel immediately.

Tank capacity

Missing values were not available at the time of going to print.

Model	Total capa- city
GLE 250 d GLE 250 d 4MATIC	70.0
GLE 450 Sport AMG 4MATIC	
GLE 500 e 4MATIC	80.0 I
All other models	93.0

Model	Of which reserve fuel
GLE 250 d GLE 250 d 4MATIC	Approx. 11.0 I
GLE 450 Sport AMG 4MATIC	
GLE 500 e 4MATIC	Approx. 10.0 I
Mercedes-AMG vehicles	Approx. 14.0 I
All other models	Approx. 12.0 I

Petrol

Fuel grade

Do not use diesel to refuel vehicles with a petrol engine. Do not switch on the ignition if you accidentally refuel with the wrong fuel. Otherwise, the fuel will enter the fuel system. Even small amounts of the wrong fuel can result in damage to the fuel system and the engine. Notify a qualified specialist workshop and have the fuel tank and fuel lines drained completely.

• Only refuel using unleaded petrol with at least 95 ROZ, that conforms to the European standard EN 228 or E DIN or an equivalent specification.

Fuel of this specification may contain up to 10% ethanol. Your vehicle is suitable for use with E10 fuel. You may refuel your vehicle using E10 fuel.

Fuel that does not conform to EN 228 can lead to increased wear as well as damage to the engine and exhaust system.

E10 fuel contains up to 10% bioethanol. Your vehicle is suitable for use with E10 fuel. You may refuel your vehicle using E10 fuel.

• Only use the fuel recommended. Operating the vehicle with other fuels can lead to engine failure.

Do not use the following:

- E85 (petrol with 85% ethanol)
- E100 (100% ethanol)
- M15 (petrol with 15% methanol)
- M30 (petrol with 30% methanol)
- M85 (petrol with 85% methanol)
- M100 (100% methanol)
- petrol with additives containing metal
- diesel

Do not mix such fuels with the fuel recommended for your vehicle.

Usually you will find information about the fuel grade on the pump. If you cannot find the label on the petrol pump, ask the filling station staff.

As a temporary measure, if the recommended fuel is not available, you may also use regular unleaded petrol with an octane rating of 91 RON. This may reduce engine performance and increase fuel consumption. Avoid driving at full throttle and sudden acceleration. Never refuel using fuel with a lower RON/MON.

In some countries, the available petrol may not be sufficiently low in sulphur. This fuel can temporarily produce unpleasant odours, especially on short journeys. As soon as sulphur-free fuel (sulphur content < 10 ppm) is used for refuelling, the odours are reduced.

Information on refuelling (\triangleright page 176).

Mercedes-AMG GLE 63

Only refuel using super unleaded petrol with at least 98 ROZ, that conforms to European standard EN 228 or an equivalent specification.

You can otherwise impair engine output or damage the engine.

Fuel of this specification may contain up to 10% ethanol. Your vehicle is suitable for use with E10 fuel. You may refuel your vehicle using E10 fuel.

As a temporary measure, if the recommended fuel is not available, you may also use unleaded petrol with an octane rating of 95 RON. This may reduce engine performance and increase fuel consumption. As much as possible, avoid driving at full throttle.

As a temporary measure, if the recommended fuel is not available, you may also use unleaded petrol in emergencies with an octane rating of 91 RON.

Doing so results in noticeably higher fuel consumption, and the engine power output is noticeably reduced. Avoid driving at full throttle.

If no fuel other than petrol with 91 RON or a lower grade is available, you should have the vehicle adapted to run on this fuel at a qualified specialist workshop.

Additives

• Operating the engine with fuel additives added later can lead to engine failure. Do not mix fuel additives with fuel. This does not include additives for the removal and prevention of residue build-up. Petrol must only be mixed with additives recommended by Mercedes-Benz. Observe the instructions for use in the product description. More information about recommended additives can be obtained from any Mercedes-Benz Service Centre.

Mercedes-Benz recommends that you use fuel brands that have additives.

The quality of the fuel available in some countries may not be sufficient. Residue could build up in the injection system as a result. In this case, in consultation with a Mercedes-Benz Service Centre, the petrol may be mixed with the cleaning additive recommended by Mercedes-Benz. Always observe the notes and mixing ratios specified on the container.

Diesel

Fuel grade

MARNING

If you mix diesel fuel with petrol, the flash point of this fuel mixture is lower than that of pure diesel fuel. When the engine is running, components in the exhaust system may overheat unnoticed. There is a risk of fire.

Never refuel with petrol. Never add petrol to diesel fuel.

When refuelling, only use diesel fuel that conforms to the European standard EN 590 or is of equivalent quality. Fuel that does not conform to EN 590 can lead to increased wear as well as damage to the engine and exhaust system.

Do not use the following:

- marine diesel
- heating oil
- bio-diesel
- vegetable oil
- petrol
- paraffin
- kerosene

Do not mix such fuels with diesel fuel and do not use any special additives. Otherwise, engine damage may occur.

Vehicles with diesel particle filters: in countries outside the EU, only use low sulphur Euro diesel with a sulphur content of under 50 ppm. Otherwise, the emission control system could be damaged.

Vehicles without a diesel particle filter:

in countries where only diesel fuel with a high sulphur content is available, you will need to carry out your vehicle's oil change at shorter intervals. More information about the interval for oil change can be obtained from any qualified specialist workshop.

Usually you will find information about the fuel grade on the pump. If you cannot find the label on the petrol pump, ask the filling station staff. Information on refuelling (\triangleright page 176).

Low outside temperatures

In winter months, diesel fuel with an improved cold flow quality is available. In Europe, the EN 590 standard defines various climatedependent temperature categories. Malfunctions can be avoided by refuelling with diesel fuel that corresponds to the climatic specifications outlined in EN 590. At unusually low outside temperatures, it is possible that the flow characteristics of the diesel fuel could be insufficient. Accordingly, diesel fuel from warmer areas may not be suitable for operation in colder climatic conditions.

Further information on country-specific fuel properties and fuel types with low-temperature resistance can be obtained from oil companies, e.g. at filling stations.

Fuel consumption information

Environmental note

 CO_2 (carbon dioxide) is the gas which scientists believe to be principally responsible for global warming (the greenhouse effect). Your vehicle's CO_2 emissions are directly related to fuel consumption and therefore depend on:

- efficient use of the fuel by the engine
- driving style
- other non-technical factors, such as environmental influences, road conditions or traffic flow

You can minimise your vehicle's CO₂ emissions by driving carefully and having it serviced regularly.

The vehicle will use more fuel than usual in the following situations:

- at very low outside temperatures
- in urban traffic
- on short journeys
- in mountainous terrain
- when towing a trailer
- Only for certain countries: you can find the current consumption and emission values of your vehicle in the COC documents (EU CER-TIFICATE OF CONFORMITY). These documents are delivered with your vehicle.

The consumption figures were, in each case, based on the currently applicable version:

- for vehicles that comply with standards up to and including the EURO 4 standard, in accordance with EU Directive 80/1268/EEC
- for vehicles that comply with or exceed the EURO 5 standard, in accordance with Regulation (EC) No. 715/2007

Deviations from these values may occur under normal operating conditions.

AdBlue®

Important safety notes

Comply with the important safety notes for service products when handling AdBlue[®] (\triangleright page 435).

 $\mathsf{AdBlue}^{(\!\!\!\!\ensuremath{\mathbb{R}})}$ is a water-soluble fluid for the exhaust gas aftertreatment of diesel engines. It is:

- non-toxic
- colourless and odourless
- non-flammable

If you open the AdBlue[®] tank, small amounts of ammonia vapour may be released.

Ammonia vapours have a pungent odour and are particularly irritating to the skin, to mucous membranes and to the eyes. You may experience a burning sensation in your eyes, nose and throat. You may also experience coughing and watery eyes.

Do not inhale any ammonia vapours that may be released. Only fill the ${\rm AdBlue}^{\circledast}$ tank in well-ventilated areas.

Low outside temperatures

AdBlue[®] freezes at a temperature of approximately -11 °C. The vehicle is delivered from the factory equipped with an AdBlue[®] preheating system. Winter operation can thus be guaranteed even at temperatures below -11 °C.

Additives

Only use AdBlue[®] in accordance with ISO 22241. Do not use additives with AdBlue[®] and do not dilute AdBlue[®] with water. This may destroy the BlueTEC exhaust gas after-treatment system.

Purity

- Impurities in AdBlue[®] (e.g. due to other service products, cleaning agents or dust) lead to:
 - increased emission values
 - · damage to the catalytic converter
 - engine damage
 - \bullet malfunctions in the $\mathsf{BlueTEC}^{(\!8\!)}$ exhaust gas aftertreatment system

Assuring the purity of AdBlue[®] is particularly important with respect to avoiding malfunctions in the BlueTEC exhaust gas aftertreatment system.

If AdBlue[®] is pumped out of the AdBlue[®] tank, e.g. during repair work, do not use this fluid to refill the tank. The purity of the fluid can no longer be guaranteed.

Capacities

Model	Total capacity
All models	32.0 I

18.00-2176-31





When handling engine oil, observe the important safety notes on service products (\triangleright page 435). The quality of the engine oil is decisive for the function and service life of an engine. After extensive tests, Mercedes-Benz approves engine oils that correspond to the current technical standard.

Therefore, only Mercedes-Benz approved engine oils may be used in Mercedes-Benz engines. Further information on tested and approved engine oils can be obtained from any Mercedes-Benz Service Centre. Mercedes-Benz recommends that you have the oil change carried out at a qualified specialist workshop. Mercedes-Benz approval is indicated on the oil container by the inscription "MB-Freigabe" or "MB-Approval" and the corresponding designation, e.g. MB-Freigabe or MB-Approval 229.51.

You can call up an overview of approved engine oils on the Internet at

http://bevo.mercedes-benz.com by entering the designation, e.g. 229.5.

The table shows which engine oils have been approved for your vehicle.

You can find the correct values for your model with the help of the VIN on the vehicle identification plate (\triangleright page 434).

Petrol engines: in certain countries, different engine oils can be used, provided that the maintenance intervals are reduced. For more information, please contact a qualified specialist workshop. Missing values were not available at the time of going to print.

Petrol engines	MB-Freigabe or MB-Approval	
All models	229.5	
Diesel engines with a diesel particle filter	MB-Freigabe or MB-Approval	

Diesel engines without a diesel particle filter	MB-Freigabe or MB-Approval
GLE 250 d 4MATIC (166.003)	228.31, 228.5, 228.51, 229.3, 229.31, 229.5, 229.51, 229.52
GLE 350 d 4MATIC (166.023)	

Mercedes-AMG vehicles: use only SAE 0W-40 or SAE 5W-40 engine oils.

- () If the engine oils listed in the table are not available, you may add the following engine oils until the next oil change:
 - Petrol engines: MB-Freigabe or MB-Approval 229.1, 229.3 or ACEA A3
 - Diesel engines: MB-Freigabe or MB-Approval 229.1, 229.3, 229.5 or ACEA C3

This must only be added once and the amount must not be greater than 1.0 l.

Capacities

The following values refer to an oil change, including the oil filter.

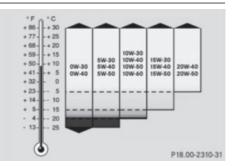
Missing values were not available at the time of going to print.

Model	Replacement amount
GLE 250 d 4MATIC	6.5 I
GLE 350 d 4MATIC	8.0 I
GLE 450 Sport AMG 4MATIC	
GLE 500 4MATIC	8.5 I
Mercedes-AMG vehicles	
All other models	7.0

Additives

Do not use any additives with the engine oil. This could damage the engine.

Engine oil viscosity



Viscosity describes the flow characteristics of a fluid. If an engine oil has a high viscosity rating,

it flows slowly; the lower the viscosity, the faster it flows.

Engine oil selection is based on the respective outside temperatures and in accordance with the SAE classification (viscosity). The table shows you which SAE classifications are to be used. The low-temperature properties of engine oils can be significantly impaired during operation due to, for example, ageing or soot and fuel accretion. It is therefore strongly recommended to observe regular oil changes using an approved engine oil with the appropriate SAE classification.

Brake fluid

≜ WARNING

The brake fluid continuously absorbs moisture from the air. This results in the boiling point of the brake fluid lowering. If the boiling point of the brake fluid is too low, vapour pockets may form when the brakes are subjected to a heavy load. This would impair braking efficiency. There is a risk of an accident.

Have the brake fluid renewed at the prescribed intervals.

When handling brake fluid, observe the important safety notes on service products (\triangleright page 435).

The brake fluid change intervals can be found in the Service Booklet.

Only use brake fluid approved by Mercedes-Benz according to MB-Freigabe or MB-Approval 331.0.

Information about approved brake fluid can be obtained at any qualified specialist workshop or on the Internet at

http://bevo.mercedes-benz.com.

1 Have the brake fluid regularly replaced at a qualified specialist workshop and the replacement confirmed in the Service Booklet.

Coolant

Important safety notes

▲ WARNING

If antifreeze comes into contact with hot components in the engine compartment, it may ignite. There is a risk of fire and injury.

Let the engine cool down before you top up the antifreeze. Make sure that antifreeze is not spilled next to the filler neck. Thoroughly clean the antifreeze from components before starting the engine.

Only add coolant that has been premixed with the desired antifreeze protection. You could otherwise damage the engine.

Further information on coolants can be found in the Mercedes-Benz Specifications for Service Products, MB Specifications for Service Products 310.1, e.g. on the Internet at http://bevo.mercedes-benz.com. Or contact a qualified specialist workshop.

Always use a suitable coolant mixture, even in countries where high temperatures prevail. Otherwise, the engine cooling system is not sufficiently protected from corrosion and overheating.

Have the coolant regularly replaced at a qualified specialist workshop and the replacement confirmed in the Service Booklet.

Comply with the important safety precautions for service products when handling coolant (\triangleright page 435).

The coolant is a mixture of water and antifreeze/corrosion inhibitor. It is responsible for the following:

- anti-corrosion protection
- antifreeze protection
- raising the boiling point

If antifreeze/corrosion inhibitor is present in the correct concentration, the boiling point of the coolant during operation will be approximately 130 $^{\circ}$ C.

The antifreeze concentrate/corrosion inhibitor concentration in the engine cooling system should:

- be at least 50%. This will protect the engine cooling system against freezing down to approximately -37 °C.
- not exceed 55% (antifreeze protection down to -45 $^{\circ}\text{C}$). Heat will otherwise not be dissipated as effectively.

Mercedes-Benz recommends an antifreeze/ corrosion inhibitor concentrate in accordance with MB Specifications for Service Products 310.1.

- When the vehicle is first delivered, it is filled with a coolant mixture that ensures adequate antifreeze and corrosion protection.
- The coolant is checked at every maintenance interval at a qualified specialist workshop.

Windscreen washer system

Important safety notes

MARNING

If windscreen washer concentrate comes into contact with hot components of the engine or the exhaust system, it can ignite. There is a risk of fire and injury.

Make sure the windscreen washer concentrate does not come into contact with the filler neck.

Only use washer fluid that is suitable for plastic lamp lenses, e.g. MB SummerFit or MB WinterFit. Unsuitable washer fluid could damage the plastic lenses of the headlamps.

Only the washer fluids SummerFit and WinterFit can be mixed. Otherwise, the spraying nozzles could become blocked.

Do not use distilled or de-ionised water as the level sensor may be triggered erroneously. When handling washer fluid, observe the important safety notes on service products (\triangleright page 435).

At temperatures above freezing:

 Fill the washer fluid reservoir with a mixture of water and washer fluid, e.g. MB SummerFit. Mix 1 part MB SummerFit to 100 parts water. At temperatures below freezing:

- Fill the washer fluid reservoir with a mixture of water and washer fluid, e.g. MB WinterFit. For the correct mixing ratio refer to the information on the antifreeze reservoir.
- (1) Add washer fluid concentrate, e.g. MB SummerFit or MB WinterFit, to the washer fluid all year round.

Vehicle data

General notes

Please note that for the specified vehicle data:

- the heights specified may vary as a result of:
 - tyres
 - load
 - condition of the suspension
 - optional equipment
- optional equipment reduces the maximum payload
- vehicle-specific weight information can be found on the vehicle identification plate (▷ page 434).
- only for certain countries: you can find vehicle-specific vehicle data in the COC documents (CERTIFICATE OF CONFORMITY).
 These documents are delivered with your vehicle

Observe the information relating to level control:

- AIRMATIC package (▷ page 222)
- Off-Road Engineering package (▷ page 254)

Dimensions and weights



Missing values were not available at the time of going to print.

Model	① Opening height	② Maximum headroom
Mercedes- AMG vehicles	2157 mm - 2159 mm	1949 mm - 1950 mm
GLE 450 Sport AMG 4MATIC		

All other mod- els with:	① Opening height	② Maximum headroom
Steel suspen- sion (GLE 250 d) (GLE 250 d 4MATIC)	2187 mm	1980 mm
Steel suspen- sion (all other models)	2195 mm	1987 mm
AIRMATIC package	2140 mm - 2215 mm	1931 mm - 2006 mm
ON&OFFROAD package	2140 mm - 2245 mm	1931 mm - 2036 mm

You can find the correct values for your model with the help of the VIN on the vehicle identification plate (\triangleright page 434).

Missing values were not available at the time of going to print.

Mercedes-AMG vehicles	
Vehicle length	4852 mm
Vehicle width including exterior mirrors	2141 mm
Vehicle width excluding exterior mirrors, without side running board	1970 mm
Vehicle width excluding exterior mirrors, with side running board	
Maximum vehicle height (Mercedes-AMG GLE 63)	1762 mm

Mercedes-AMG vehicles	
Maximum vehicle height (Mercedes-AMG GLE 63 S)	1760 mm
Wheelbase	2915 mm
Minimum ground clear- ance (Mercedes-AMG GLE 63)	182 mm
Minimum ground clear- ance (Mercedes-AMG GLE 63 S)	180 mm
Maximum roof load	100 kg

GLE 450 Sport AMG 4MATIC	
Vehicle length	
Vehicle width including exterior mirrors	
Vehicle width excluding exterior mirrors, without side running board	
Vehicle width excluding exterior mirrors, with side running board	
Maximum vehicle height (steel suspension)	
Maximum vehicle height (AIRMATIC package)	
Maximum vehicle height (ON&OFFROAD package)	
Minimum vehicle height (AIRMATIC package, ON&OFFROAD package)	
Wheelbase	
Maximum ground clear- ance (steel suspension)	
Maximum ground clear- ance (AIRMATIC package)	
Maximum ground clear- ance (ON&OFFROAD pack- age)	

GLE 450	Sport	AMG
4MATIC		

Minimum ground clearance (AIRMATIC package, ON&OFFROAD package)

Maximum roof load

All other models	
Vehicle length	4819 mm
Vehicle width including exterior mirrors	2141 mm
Vehicle width excluding exterior mirrors, without side running board	1935 mm
Vehicle width excluding exterior mirrors, with side running board	1951 mm
Maximum vehicle height (steel suspension) (GLE 250 d) (GLE 250 d 4MATIC)	1788 mm
Maximum vehicle height (steel suspension) (all other models)	1796 mm
Maximum vehicle height (AIRMATIC package)	1818 mm
Maximum vehicle height (ON&OFFROAD package)	1848 mm
Minimum vehicle height (AIRMATIC package, ON&OFFROAD package)	1758 mm
Wheelbase	2915 mm
Maximum ground clear- ance (steel suspension) (GLE 250 d) (GLE 250 d 4MATIC)	191 mm
Maximum ground clear- ance (steel suspension) (all other models)	202 mm
Maximum ground clear- ance (AIRMATIC package)	255 mm

All other models	
Maximum ground clear- ance (ON&OFFROAD pack- age)	285 mm
Minimum ground clear- ance (AIRMATIC package, ON&OFFROAD package)	180 mm
Maximum roof load	100 kg

Vehicle data for off-road driving

Fording depth

The depth of water must not exceed the value specified in the table. Note that the possible fording depth is less in flowing water.



The table shows fording depth ① when the vehicle is loaded and ready to drive.

Loaded and ready to drive means: a full tank, all fluids topped up and the driver is in the vehicle. On vehicles with the AIRMATIC package or the Off-Road Engineering package, loads up to the maximum permissible load have no influence on fording capability.

Missing values were not available at the time of going to print.

	Fording depth
Steel-sprung vehicles	50 cm
Vehicles with the AIRMATIC package	
Raised level	50 cm
Vehicles with the Off-Road Engineering package	

	Fording depth
Off-road level 1	50 cm
Off-road level 2	50 cm
Off-road level 3	60 cm
Mercedes-AMG vehicles	
Raised level	50 cm

Further information about off-road fording (\triangleright page 198).

Approach/departure angle



The table shows approach and departure angles (1) and (2) when the vehicle is loaded and ready to drive.

For vehicles with steel springs, loaded and ready to drive means: a full tank, all fluids topped up and the driver is in the vehicle.

On vehicles with the AIRMATIC package or the Off-Road Engineering package, loads up to the maximum permissible load have no influence on approach and departure angles.

All vehicles (except vehicles with AMG bodystyling)

	1	2
Steel-sprung vehi- cles	26°	26°
Vehicles with the AIRMATIC package		
Normal level	23°	24°
Raised level	29°	28°

	1	2
Vehicles with the Off-Road Engineer- ing package		
Normal level	23°	24°
Off-road level 1	26°	26°
Off-road level 2	29°	28°
Off-road level 3	30°	29°
Mercedes-AMG vehicles		
Normal level (in sports mode with AMG RIDE CONTROL)	21°	24°
Raised level	23°	24°

Vehicles with AMG bodystyling

	1	2
Steel-sprung vehi- cles	23°	26°
Vehicles with the AIRMATIC package		
Normal level	22°	24°
Raised level	26°	28°
Vehicles with the Off-Road Engineer- ing package		
Normal level	22°	24°
Off-road level 1	24°	26°
Off-road level 2	26°	28°
Off-road level 3	28°	29°

For further information about approach/departure angles, see (\triangleright page 202).

Maximum gradient-climbing capability

Note that the vehicle's gradient-climbing capability depends on the off-road conditions and the road surface conditions. Vehicles with the Off-Road Engineering package: the maximum gradient climbing ability is 100 % when the LOW RANGE off-road gear is selected.

Mercedes-AMG vehicles: the maximum gradient climbing ability is 80 %.

Vehicles without the Off-Road Engineering package: the maximum gradient climbing ability is 80 %.

GLE 550 e 4MATIC: the maximum gradient climbing ability is 50 %.

Carefully depress the accelerator pedal and make sure that the wheels do not spin when driving on steep terrain.

If the load on the front axle is reduced when pulling away on a steep uphill slope, the front wheels have a tendency to spin. 4ETS recognises this and brakes the wheels accordingly. The rear wheel torque is increased and it is easier to pull away.

For further information about maximum gradient-climbing capability, see (\triangleright page 202).

- ① Anchorage points for the trailer tow hitch
- ② Overhang dimension
- ③ Rear axle centre line

For trailer tow hitches fitted at the factory, the overhang dimension including protective covering is 1122 mm.

Trailer tow hitch

Mounting dimensions

If you have a trailer tow hitch retrofitted, changes to the cooling system and drive train may be necessary, depending on the vehicle type.

If you have a trailer tow hitch retrofitted, observe the anchorage points on the chassis frame.

Trailer loads

Use a drawbar noseweight as close as possible to the maximum permissible noseweight. Do not use a noseweight of less than 50kg, otherwise the trailer may come loose.

Note that the payload and the rear axle load are reduced by the actual payload.

Missing values for the models:

- GLE 320 4MATIC
- GLE 450 Sport AMG 4MATIC
- GLE 250 d 4MATIC (166.003)
- GLE 350 d 4MATIC (166.023)

were not available at the time of going to print.

Permissible trailer load, unbraked

GLE 320 4MATIC	
GLE 400 4MATIC	750 kg
GLE 500 4MATIC	750 kg
GLE 450 Sport AMG 4MATIC	
Mercedes-AMG GLE 63 4MATIC	750 kg
Mercedes-AMG GLE 63 S 4MATIC	750 kg
GLE 250 d 4MATIC (166.004)	750 kg
GLE 250 d	750 kg
GLE 250 d 4MATIC (166.003)	
GLE 350 d 4MATIC (166.024)	750 kg
GLE 350 d 4MATIC (166.023)	
GLE 500 e 4MATIC	750 kg

Permissible trailer load, braked (at a minimum gradient-climbing capability of 12% from a standstill)

GLE 320 4MATIC	
GLE 400 4MATIC	3500 kg
GLE 500 4MATIC	3500 kg
GLE 450 Sport AMG 4MATIC	
Mercedes-AMG GLE 63 4MATIC	3050 kg
Mercedes-AMG GLE 63 S 4MATIC	3050 kg
GLE 250 d 4MATIC (166.004)	2950 kg
GLE 250 d	2500 kg
GLE 250 d 4MATIC (166.003)	
GLE 350 d 4MATIC (166.024)	3500 kg

GLE 350 d 4MATIC (166.023)	
GLE 500 e 4MATIC	2000 kg

Maximum drawbar noseweight (the drawbar noseweight is not included in the trailer load)

GLE 320 4MATIC	
GLE 400 4MATIC	140 kg
GLE 500 4MATIC	140 kg
GLE 450 Sport AMG 4MATIC	
Mercedes-AMG GLE 63 4MATIC	140 kg
Mercedes-AMG GLE 63 S 4MATIC	140 kg
GLE 250 d 4MATIC (166.004)	120 kg
GLE 250 d	100 kg
GLE 250 d 4MATIC (166.003)	
GLE 350 d 4MATIC (166.024)	140 kg
GLE 350 d 4MATIC (166.023)	
GLE 500 e 4MATIC	120 kg

Permissible rear axle load when towing a trailer

GLE 320 4MATIC	
GLE 400 4MATIC	1700 kg
GLE 500 4MATIC	1700 kg
Mercedes-AMG GLE 63 4MATIC	1750 kg
Mercedes-AMG GLE 63 S 4MATIC	1750 kg
GLE 250 d 4MATIC (166.004)	1750 kg
GLE 250 d	1700 kg
GLE 250 d 4MATIC (166.003)	
GLE 350 d 4MATIC (166.024)	1700 kg
GLE 350 d 4MATIC (166.023)	
GLE 500 e 4MATIC	1780 kg

The actual noseweight may not be higher than the value which is given. The value can be found on the trailer tow hitch or trailer identification plates. The lowest weight applies.

You can attach carrier systems, e.g. bicycle racks or load-bearing implements, to the ball coupling. The maximum payload of 75 kg applies when using carrier systems on the ball coupling.

Publication details

Internet

Further information about Mercedes-Benz vehicles and about Daimler AG can be found on the following websites:

http://www.mercedes-benz.com http://www.daimler.com

Editorial office

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Vehicle manufacturer

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