

Mercedes-Benz SLR McLaren Roadster. Operator's Manual.

SLR. UNLIMITED.



Thank you for choosing Mercedes-Benz.

Our company and staff congratulate you on the purchase of your new Mercedes-Benz SLR McLaren Roadster.

Your selection of our product is a demonstration of your trust in our company name. Furthermore, it exemplifies your desire to own an automobile that will be as easy as possible to operate and provide years of service.

Should you have any questions, please contact your dealer contact for your Mercedes-Benz SLR McLaren Roadster or call us at 1-800-FOR-MERCEdes (in the USA) or 1-800-387-0100 (in Canada). Your dealer contact will co-ordinate appointments for servicing of your vehicle and clarify any issues arising from the use of your Mercedes-Benz SLR McLaren Roadster.

Your Mercedes-Benz represents the efforts of many skilled engineers and craftsmen. To help assure your driving pleasure, and also the safety of you and your passengers, we ask you to make a small investment of time:

- Please read this manual carefully, then return it to your vehicle where it will be handy for your reference.
- Please follow the recommendations contained in this manual. They are designed to acquaint you with the operation of your Mercedes-Benz SLR McLaren Roadster.
- Please pay attention to the warnings and cautions contained in this manual. They are designed to help improve the safety of the vehicle operator and occupants.

We extend our best wishes for many miles of safe, pleasurable driving.

Mercedes-Benz USA, LLC

A Daimler Company

| Contents

Contents

Introduction	12	At a glance	24	Windshield wipers.....	52
Product information.....	13	Cockpit.....	26	Problems while driving.....	54
Operator's Manual.....	14	Instrument cluster	28	Parking and locking.....	55
Service and warranty information ..	14	Multifunction steering wheel	30	Parking brake	55
Important notice for California		Center console	31	Switching off headlamps.....	56
retail buyers and lessees of		Upper part	31	Turning off the engine.....	56
Mercedes-Benz automobiles	15	Lower part	32	Releasing seat belts.....	56
Maintenance	16	Overhead control panel	33	Locking.....	57
Roadside Assistance	16	Control panel on the door sill	34		
Change of address or ownership....	16			Safety and Security	58
Operating your vehicle outside the USA		Getting started	36	Occupant safety	60
or Canada	17	Unlocking	38	Air bags	62
Mercedes-Benz SLR McLaren		Starter switch positions.....	40	Occupant Classification System	67
compliance	17	Adjusting	41	Seat belts	72
Where to find it.....	18	Seats.....	41	Children in the vehicle	76
Symbols.....	19	Steering wheel.....	42	Panic alarm	81
Operating safety	20	Mirrors.....	43	Activating.....	81
Proper use of the vehicle	20	Driving.....	45	Deactivating.....	81
Problems with your vehicle.....	21	Fastening the seat belts.....	45	Driving safety systems	82
Reporting safety defects.....	22	Starting the engine	47	ABS.....	82
Reporting safety defects	22	Parking brake.....	49	BAS.....	84
Vehicle data recording.....	23	Driving off	50	ESP®	84
Information regarding electronic		Switching on headlamps.....	51	Electro-hydraulic brake system.....	87
recording devices.....	23	Turn signals	51	Performance enhancement system.....	90
				Airbrake.....	90

Contents

Anti-theft systems.....	93	Coolant temperature gauge	115	Telephone operation	162
Immobilizer.....	93	Resetting trip odometer	115	Automatic transmission.....	169
Anti-theft alarm system.....	93	Tachometer.....	116	Gear selector lever.....	169
Tow-away alarm	95	Outside temperature indicator.....	116	Shifting procedure	170
		Control system	117	Gear selector lever positions	171
		Multifunction display.....	117	Driving tips.....	173
Controls in detail	96	Multifunction steering wheel.....	118	Gear ranges	174
Locking and unlocking.....	98	Menus	120	Shift program mode selector switch	175
SmartKey	98	Standard display menu	122	Gear selector lever one-touch	
Opening the doors.....	101	722 S menu	123	gearshifting.....	175
Opening the trunk	102	AUDIO menu	127	Steering wheel gearshift control	
Closing the trunk lid	103	Vehicle status message memory menu		one-touch gearshifting.....	177
Trunk emergency release	104	128		Manual shift program.....	178
Automatic locking	104	Settings menu.....	129	Emergency operation	
Locking and unlocking from the inside		Trip computer menu.....	139	(Limp-Home Mode)	180
105		TEL menu	141	Good visibility	181
Lighting.....	106	Audio system.....	145	Headlamp cleaning system	181
Exterior lamp switch.....	106	Audio and telephone, operation ...	145	Rear view mirrors.....	181
Combination switch.....	110	Operating safety.....	145	Sun visors	182
Hazard warning flasher.....	111	Location of the audio system	145	Rear window defroster	183
Interior lighting.....	112	Operating and display elements... ..	146	Automatic climate control	184
Courtesy lighting	113	Button and soft key operation.....	148	Deactivating the automatic climate	
Trunk lamp	113	Operation	148	control system	188
Instrument cluster	114	Radio operation.....	151	Operating the automatic climate	
Adjusting instrument cluster		Cassette operation.....	154	control system in automatic mode	188
illumination.....	114	CD changer operation	158		

Contents

Setting the temperature.....	189	Floormat, driver's side	227	Control and operation of radio transmitters.....	244
Adjusting air distribution.....	190	Floormats* (Only Mercedes-Benz SLR McLaren Roadster 722S).....	228	Catalytic converter	245
Adjusting air volume	191	Dust cover	229	Emission control	245
Maximum cooling MAX COOL	191	Roof and trunk lid racks.....	230	Coolant temperature	246
Front defroster.....	192			At the gas station	247
Air recirculation mode.....	193			Refueling.....	247
Air conditioning.....	194			Check regularly and before a long trip. 248	
Residual heat and ventilation	195	Operation	232	Engine compartment.....	250
Open air.....	196	The first 1000 miles (1500 km).....	234	Hood.....	250
Opening and closing the door windows 196		Driving instructions	235	Engine oil	253
Synchronizing power windows	198	Drive sensibly – save fuel.....	235	Transmission fluid level	254
Opening and closing the soft top .	198	Drinking and driving.....	235	Coolant	255
Wind screen	201	Pedals	235	Trunk	256
Linkage covers.....	202	Power assistance	236	Batteries	256
Driving systems	205	Brakes.....	236	Windshield washer system and head-lamp cleaning system	257
Cruise control	205	Driving off	239	Tires and wheels	259
Useful features	209	Parking.....	240	Important guidelines.....	259
Map pocket in passenger footwell	209	Tires.....	240	Tire care and maintenance	260
Storage compartments	209	Hydroplaning.....	241	Direction of rotation	262
Parcel net in trunk.....	210	Tire traction	241	Loading the vehicle.....	262
Ashtray and cigarette lighter.....	210	Tire speed rating.....	242	Recommended tire inflation pressure.. 268	
Power outlet.....	212	Winter driving instructions	242	Checking tire inflation pressure....	270
Telephone	212	Standing water.....	243		
Tele Aid	215	Passenger compartment.....	244		
Garage door opener	221	Driving abroad	244		

Contents

Tire labeling	276	Vehicle washing	298	Preparing the vehicle	365
Load identification.....	280	Soft top care	300	Sealing tires with TIREFIT.....	365
DOT, Tire Identification Number (TIN) .	281			Batteries.....	370
Maximum tire load	282	Practical hints	302	Charging the batteries	371
Maximum tire inflation pressure...	283	What to do if	304	Towing the vehicle.....	373
Uniform Tire Quality Grading Standards		Lamps in instrument cluster	304	Installing/reinstalling towing eye bolt..	375
(U.S. vehicles)	284	Lamp in center console.....	317	Points to bear in mind.....	375
Tire ply material.....	286	Vehicle status messages in the		Transporting the vehicle	375
Tire and loading terminology	286	multifunction display.....	319	Fuses.....	376
Rotating tires.....	289	Symbol messages	332		
Anti-theft wheel nuts.....	290	Where will I find ...?	356	Technical data	378
Winter driving.....	292	First aid kit.....	356	Parts service.....	380
Winter tires*	292	TIREFIT kit, electric air pump, towing		Warranty coverage	381
Snow chains	293	eye bolt and vehicle literature portfolio	356	Loss of Service and Warranty	
Maintenance	294	Unlocking in an emergency	357	Information Booklet	381
Clearing the maintenance service		Unlocking the vehicle.....	357	Identification labels	382
indicator message	294	Replacing SmartKey batteries.....	359	Engine number.....	382
Maintenance service term exceeded...	295	Replacing bulbs	361	Layout of poly-V-belt drive.....	383
Calling up the maintenance service due		Front lamps	362	Engine	384
date.....	295	Rear lamps	362	Rims and tires	385
Resetting the maintenance service		Replacing wiper blades	363	Mixed size tires	386
indicator	296	Removing wiper blades	363	Winter tires*	388
Vehicle care	297	Installing wiper blades	364	Electrical system	390
Cleaning and care of the vehicle ..	297	Flat tire	365	Main dimensions	391

Contents

Weights.....	392
Fuels, coolants, lubricants, etc.	393
Capacities	393
Approved engine oils.....	395
Engine oil additives	395
Air conditioning refrigerant	396
Brake fluid.....	396
Premium unleaded gasoline	396
Fuel requirements	397
Gasoline additives	397
Coolants.....	398
Windshield washer system and head- lamp cleaning system	401
<hr/>	
Technical terms	402
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Index	408

Introduction

▼ Product information

Please observe the following in your own best interest:

We recommend using Genuine Mercedes-Benz Parts as well as conversion parts and accessories explicitly approved by us for your vehicle model.

We have tested these parts to determine their reliability, safety and special suitability for Mercedes-Benz vehicles.

We are unable to make an assessment for other products and therefore cannot be held responsible for them, even if in individual cases an official approval or authorization by governmental or other agencies should exist. Use of such parts and accessories could adversely affect the safety, performance or reliability of your vehicle. Please do not use them.

Genuine Mercedes-Benz Parts as well as conversion parts and accessories approved by us are available at any authorized Mercedes-Benz Center where you will receive comprehensive information, also on permissible technical modifications, and where proper installation will be performed.

Introduction

Operator's Manual

This Operator's Manual contains a great deal of useful information. We urge you to read it carefully and familiarize yourself with the vehicle before driving.

For your own safety and longer service life of the vehicle, we urge you to follow the instructions and warnings contained in this manual. Ignoring them could result in damage to the vehicle or personal injury to you or others. Vehicle damage caused by failure to follow instructions is not covered by the Mercedes-Benz Limited Warranty.

Your vehicle may have some or all of the equipment described in this manual. Therefore, you may find explanations for optional equipment not installed in your vehicle. If you have any questions about the operation of any equipment, any authorized Mercedes-Benz Center will be glad to demonstrate the proper procedures.

We continuously strive to improve our product, and ask for your understanding that we reserve the right to make changes in design and equipment. Therefore, information, illustrations, and descriptions in this Operator's Manual might differ from your vehicle.

Optional equipment is also described in this manual, including operating instructions wherever necessary. Since they are special-order items, the descriptions and illustrations herein may vary slightly from the actual equipment of your vehicle.

If there are any equipment details that are not shown or described in this Operator's Manual, an authorized Mercedes-Benz Center will be glad to inform you of correct care and operating procedures.

The Operator's Manual and Maintenance Booklet are important documents and should be kept with the vehicle.

Service and warranty information

The Service and Warranty Information Booklet contains detailed information about the warranties covering your Mercedes-Benz, including:

- New Car Limited Warranty,
- Emission System Warranty,
- Emission Performance Warranty,
- California, Maine, Massachusetts and Vermont¹ Emission Control System Warranty (California, Maine, Massachusetts and Vermont¹ only),
- State Warranty Enforcement Laws (Lemon Laws).

¹ At time of printing, the decision regarding compliance with Vermont certification regulations was still pending. The vehicle may not be permitted to be registered in Vermont. Check with an authorized Mercedes-Benz Center for details.

**Important notice for California
retail buyers and lessees of
Mercedes-Benz automobiles**

Under California law you may be entitled to a replacement of your vehicle or a refund of the purchase price or lease price, if Mercedes-Benz USA, LLC and/or its authorized repair or service facilities fail to fix one or more substantial defects or malfunctions in the vehicle that are covered by its express warranty after a reasonable number of repair attempts. During the period of 18 months from original delivery of the vehicle or the accumulation of 18000 miles (approx. 29000 km) on the odometer of the vehicle, whichever occurs first, a reasonable number of repair attempts is presumed for a retail buyer or lessee if one or more of the following occurs:

- (1) the same substantial defect or malfunction results in a condition that is likely to cause death or serious bodily injury if the vehicle is driven, that defect or malfunction has been subject to repair two or more times, and you have directly notified Mercedes-Benz USA, LLC in writing of the need for its repair,
- (2) the same substantial defect or malfunction of a less serious nature than category (1) has been subject to repair four or more times and you have directly notified us in writing of the need for its repair, or
- (3) the vehicle is out of service by reason of repair of the same or different substantial defects or malfunctions for a cumulative total of more than 30 calendar days.

Written notification should not be sent to a dealer, it should be addressed to,
Mercedes-Benz USA, LLC
Customer Assistance Center
Attn: SLR Liaison
Three Paragon Drive
Montvale, NJ 07645-0350

Introduction

Operator's Manual

Maintenance

The Maintenance Booklet describes all the necessary maintenance work which should be performed at regular intervals.

Always have the Maintenance Booklet with you when you take the vehicle to an authorized Mercedes-Benz Center for service. The service advisor will record each service in the booklet for you.

Roadside Assistance

The Mercedes-Benz Roadside Assistance Program provides factory trained technical help in the event of a breakdown. Calls to the toll-free Roadside Assistance number:

1-800-FOR-MERCEdes (in the USA)
1-800-387-0100 (in Canada)

will be answered by Mercedes-Benz Customer Assistance Representatives 24 hours a day, 365 days a year.

For additional information refer to the Mercedes-Benz Roadside Assistance Program brochure (in the USA) or the Roadside Assistance section of the Service & Warranty Information booklet (in Canada) in your vehicle literature portfolio.

Change of address or ownership

If you change your address, be sure to send in the "Change of Address Notice" found in the Service and Warranty Information Booklet, or simply call the Mercedes-Benz Customer Assistance Center (in the USA) at 1-800-FOR-MERCEdes, or Customer Service (in Canada) at 1-800-387-0100. It is in your own interest that we can contact you should the need arise.

If you sell your Mercedes, please leave all literature with the vehicle to make it available to the next operator.

If you bought this vehicle used, be sure to send in the "Notice of Purchase of Used Car" found in the Service and Warranty Information Booklet, or call the Mercedes-Benz Customer Assistance Center (in the USA) at 1-800-FOR-MERCEdes, or Customer Service (in Canada) at 1-800-387-0100.

**Operating your vehicle outside the USA
or Canada**

If you plan to operate your vehicle in foreign countries, please be aware that:

- service facilities or replacement parts may not be readily available,
- unleaded gasoline for vehicles with catalytic converters may not be available; the use of leaded fuels will damage the catalysts,
- gasoline may have a considerably lower octane rating, and improper fuel can cause engine damage.

**Mercedes-Benz SLR McLaren
compliance**

The Mercedes-Benz SLR McLaren vehicle does not comply with the state certification regulations of select states. It is not permitted to register the vehicle in such states. Check with an authorized Mercedes-Benz Center for details.

Introduction

Where to find it

This Operator's Manual is designed to provide comprehensive support information for you, the vehicle operator. Each section has its own reference color.

At a glance

Here you will find an overview of your vehicle's interior features.

Getting started

Here you will find all the information you need for your first drive. You should read this section first if this is your first Mercedes-Benz vehicle or if you are renting or borrowing this vehicle.

Safety and Security

Here you will find descriptions of the safety and security features in your vehicle.

Controls in detail

Here you will find detailed information about the equipment installed on your vehicle. This section expands on the "Getting started" section and also describes technical innovations. If you are already familiar with the basic functions of your vehicle, this section will be of particular interest to you.

Operation

Here you will find all the information you need for the proper operation of your vehicle.

Practical hints

This section provides fast assistance for dealing with problems you may encounter.

Technical data

All important technical data for your vehicle can be found in this section.

Indexes

The glossary provides explanations of the most important technical terms.

The table of contents and the index are designed to help you find information quickly and easily.

The following publications are part of your vehicle documentation:

- this Operator's Manual
- the Maintenance Booklet

Separate operating instructions will be provided as required depending on the equipment options installed in your vehicle.

▼ Symbols

Trademarks:

- Bluetooth® is a registered trademark of Bluetooth SIG Inc.
- ESP® is a registered trademark of Daimler.
- HomeLink® is a registered trademark of Prince, a Johnson Controls Company.


The following symbols are found in this Operator's Manual:


- * Optional equipment is identified with an asterisk.

Warning!



Warning notices draw your attention to hazards that may endanger your health or life, or the health or life of others.

 Highlights hazards that may result in damage to your vehicle.

 Helpful hints or further information you may find useful.

- ▶ This symbol points to instructions for you to follow.
- ▶ A number of these symbols appearing in succession indicates a multiple-step procedure.

▷ page This symbol tells you where to look for further information on a topic.

▷▷ This continuation symbol marks a warning which is continued on the next page.

▷▷ This continuation symbol marks a procedure which is continued on the next page.

-> This symbol is used to indicate cross-references to term definitions.

Di spl ay Words appearing in the multi-function display and audio display are printed in the type shown here.

Introduction

Operating safety

Warning!



Work improperly carried out on electronic components and associated software could cause them to cease functioning. Because the vehicle's electronic components are interconnected, any modifications made may produce an undesired effect on other systems. Electronic malfunctions could seriously impair the operating safety of your vehicle.

See an authorized Mercedes-Benz Center for repairs or modifications to electronic components.

Other improper work or modifications on the vehicle could also have a negative impact on the operating safety of the vehicle.

Some safety systems only function while the engine is running. You should therefore never turn off the engine while driving.

Warning!



Heavy blows against the vehicle underbody or tires/wheels, for example when running over an obstacle, road debris or a pothole, may cause serious damage and impair the operating safety of your vehicle. If you feel a sudden significant vibration or ride disturbance, or you suspect that damage to your vehicle has occurred, you should turn on your hazard warning flashers, carefully slow down, and drive with caution to an area which is a safe distance from the road.

Inspect the vehicle underbody and tires/wheels for possible damage. If the vehicle appears unsafe, have it towed to the nearest authorized Mercedes-Benz Center or other qualified maintenance or repair facility for further inspection or repairs.

Proper use of the vehicle

Proper use of the vehicle requires that you are familiar with the following information and rules:

- the safety precautions in this manual
- the "Technical data" section in this manual
- traffic rules and regulations
- motor vehicle laws and safety standards

Warning!



Various warning labels are attached to your vehicle. These warning labels are intended to make you and others aware of various risks. You should not remove any of these warning labels unless explicitly instructed to do so by information on the label itself. Removal of any of these labels may cause you and others to be unaware of certain risks which may result in an accident and/or personal injury.

Problems with your vehicle

▼ Problems with your vehicle

If you should experience a problem with your vehicle, particularly one that you believe may affect its safe operation, we urge you to immediately contact an authorized Mercedes-Benz Center to have the problem diagnosed and corrected if required. If the matter is not handled to your satisfaction, please discuss the problem with the Mercedes-Benz Center management, or if necessary contact us at one of the following addresses:

In the USA:

Mercedes-Benz USA, LLC
Customer Assistance Center
Attn: SLR Liaison
Three Paragon Drive
Montvale, NJ 07645-0350

In Canada:

Customer Relations Department
Mercedes-Benz Canada, Inc.
98 Vanderhoof Avenue
Toronto, Ontario M4G 4C9

Introduction

Reporting safety defects

For the USA only:

The following text is published as required of manufacturers under Title 49, Code of U.S. Federal Regulations, Part 575 pursuant to the “National Traffic and Motor Vehicle Safety Act of 1966”.

Reporting safety defects

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Mercedes-Benz USA, LLC.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Mercedes-Benz USA, LLC.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to <http://www.safercar.gov>; or write to: Administrator, NHTSA Headquarters, 1200 New Jersey Avenue, SE, West Building, Washington, DC 20590. You can also obtain other information about motor vehicle safety from <http://www.safercar.gov>.

▼ Vehicle data recording

Information regarding electronic recording devices

(Including notice pursuant to California Code § 995.1)

Please note that your vehicle is equipped with devices that can record vehicle systems data and, if equipped with the Tele Aid system, may transmit some data in certain accidents.

This information helps, for example, to diagnose vehicle systems after a collision and to continuously improve vehicle safety. Daimler may access the information and share it with others

- for safety research or vehicle diagnosis purposes
- with the consent of the vehicle owner or lessee
- in response to an official request by law enforcement or other government agency
- for use in dispute resolution involving Daimler, its affiliates or sales/service organization and/or
- as otherwise required or permitted by law.

Please check the Tele Aid subscription service agreement for details regarding the information that may be recorded or transmitted via that system.

At a glance

Cockpit

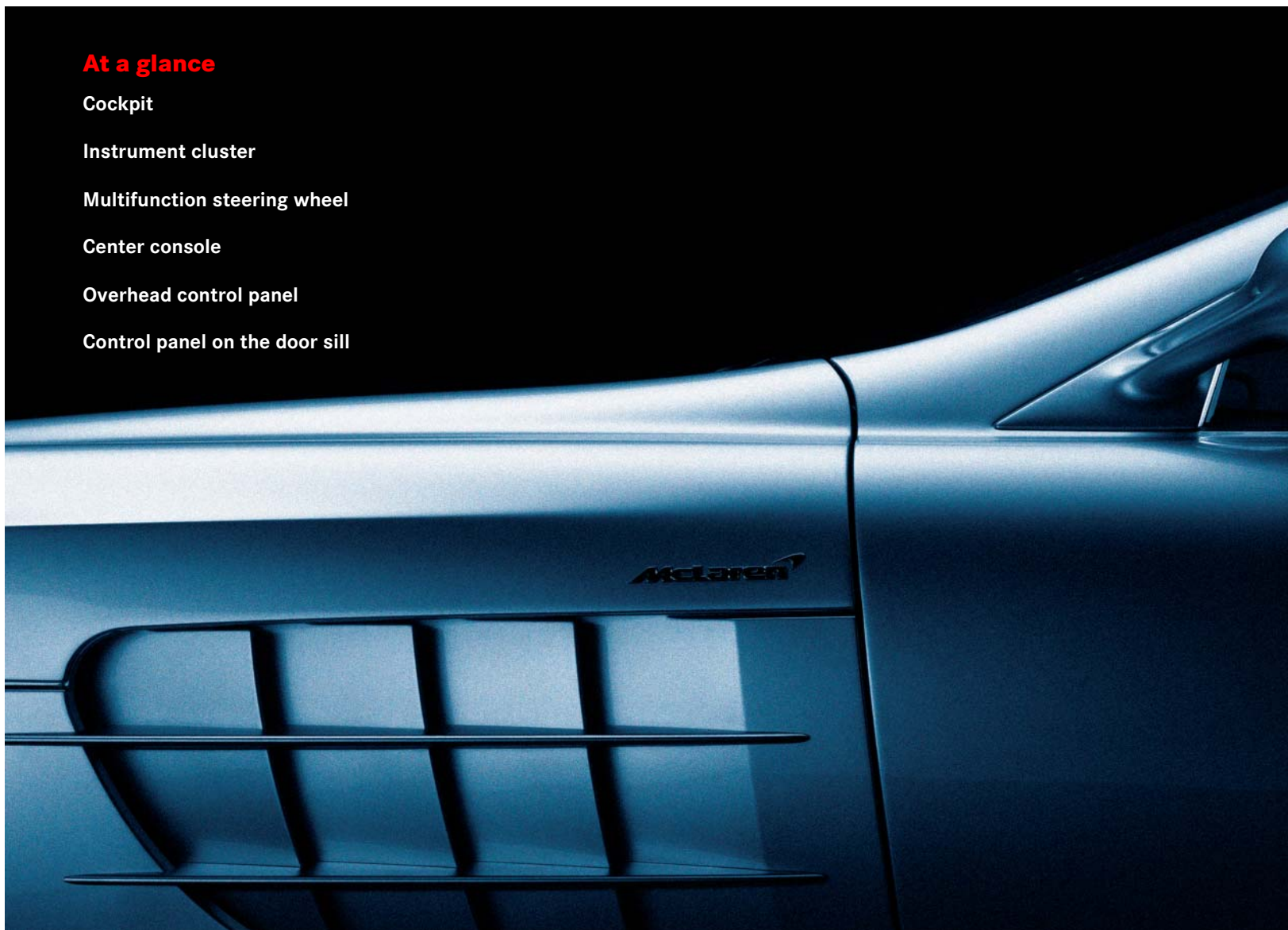
Instrument cluster

Multifunction steering wheel

Center console

Overhead control panel

Control panel on the door sill





At a glance

Cockpit











Item	Page
① Cruise control lever	205
② Steering wheel gearshift paddle	177
③ Instrument cluster	28, 114
④ Multifunction steering wheel	30, 118
⑤ Overhead control panel	33
⑥ Center console	31, 32
⑦ Starter switch	40
⑧ Horn	






Item	Page
⑨ Headlamp washer button	181
⑩ Steering wheel adjustment stalk	42
⑪ Hood lock release	250
⑫ Exterior lamp switch	51, 106
⑬ Combination switch	
• Turn signals	51
• Windshield wipers	52
• High beam	110





At a glance

Instrument cluster



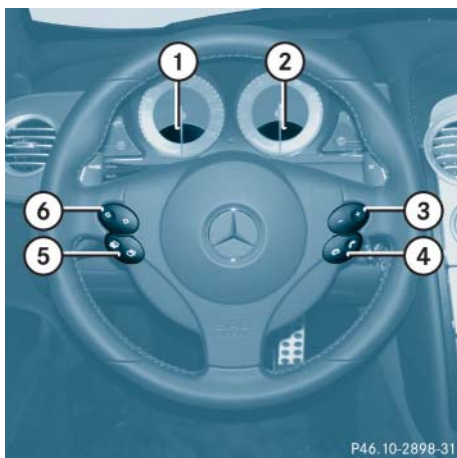
Item	Page
① Coolant temperature gauge with	115
 Coolant temperature warning lamp	310
② Speedometer with	
 Brake warning lamp, USA only	307
 Brake warning lamp, Canada only	307
 ABS/ESP® warning lamp	304
 Gearshift indicator lamp	311
 Airbrake warning lamp	311
 Left turn signal indicator lamp	
 Right turn signal indicator lamp	

Item	Page
③ Left multifunction display with	
• Outside temperature	116
• Main odometer	117
④ Reset button	114
⑤ Tachometer with	116
 High-beam headlamp indicator	110
 Engine malfunction indicator lamp, USA only	308
 Engine malfunction indicator lamp, Canada only	308
 Antilock Brake System (ABS) indicator lamp	306
 Combination low tire pressure/TPMS malfunction telltale, USA only	315
Low tire pressure telltale, Canada only	







Item	Page
 Supplemental Restraint System (SRS) indicator lamp	314
 Seat belt telltale	312
⑥ Right multifunction display with	
• Current gear selector lever position/gear range	117, 171, 174
• Trip odometer	117
• Automatic transmission shift program mode	117, 175
• Clock	133
 Engine oil temperature indicator	311
⑦ Fuel gauge with	
 Fuel reserve warning lamp	311

At a glance

Multifunction steering wheel

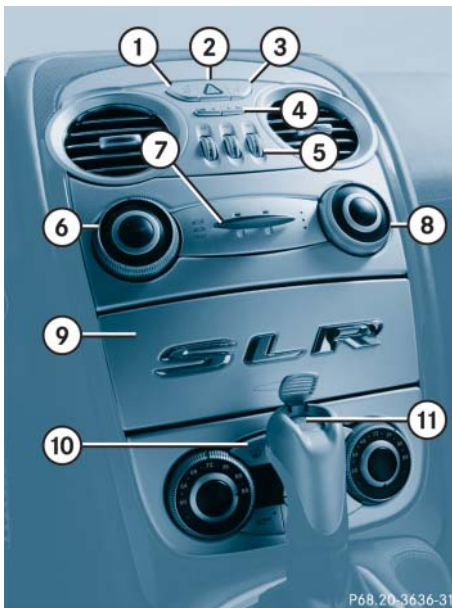


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Item	Page	Item	Page
① Left multifunction display in the speedometer	117	⑤ Menu systems: Press button	118
② Right multifunction display in the tachometer	117	 for next menu  for previous menu	
Operating control system		⑥ Moving within a menu: Press button	118
③ Selecting the submenu or setting the volume: Press button	118	 for next display  for previous display	
+ up/to increase - down/to decrease			
④ Telephone: Press button	118		
 to take a call to dial to redial			
 to end a call to reject an incoming call			

▼ **Center console**

Upper part



P68.20.3636-31

Item	Page
① Central locking switch	105
② Hazard warning flasher on/off switch	111
③ Central unlocking switch	105
④ Air temperature controls for center and side air vents	190
⑤ Air volume controls for center and side air vents	191
⑥ Selects the shift program mode	175

Item	Page
⑦ Selects the Airbrake mode	90
⑧ Selects the manual shift program mode	179
⑨ Audio system	120, 145
⑩ Automatic climate control	184
⑪ Engine start button	48

At a glance

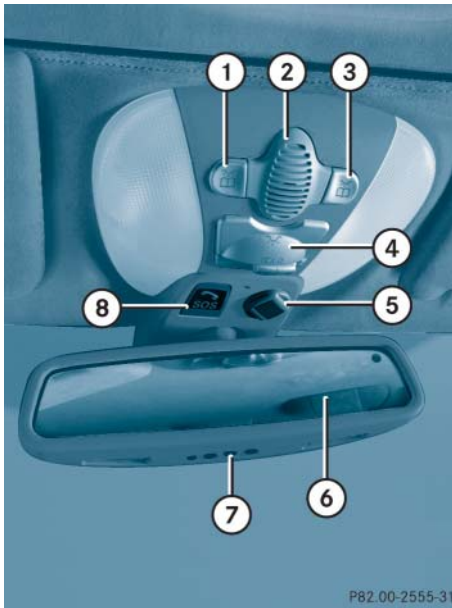
Center console

Lower part



Item	Page
① Exterior rear view mirror adjustment	44
② Remote trunk opening switch	102
③ Tow-away alarm off button	95
④ Release button for storage compartment under armrest	209
⑤ Soft top switch	200
⑥ ESP® switch	86
⑦ Passenger front air bag off indicator lamp	70
⑧ Gear selector lever for automatic transmission	171
⑨ Parking brake	49, 55

▼ Overhead control panel

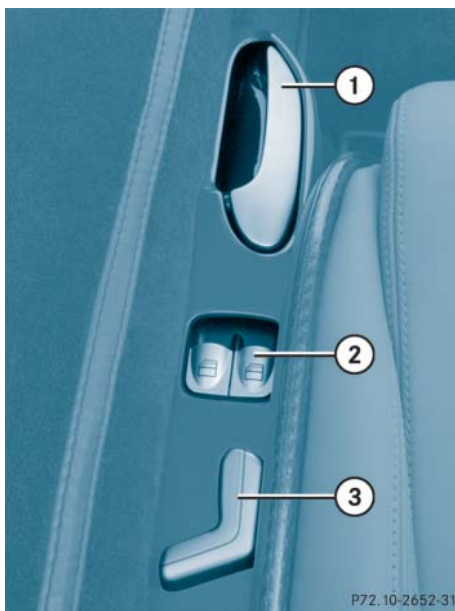


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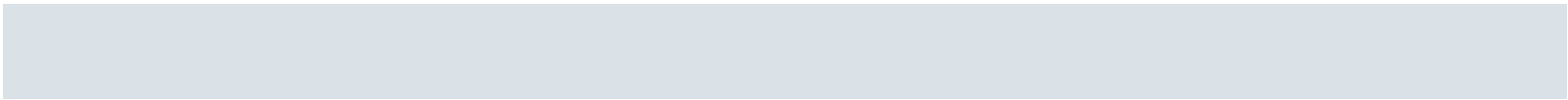
Item	Page
① Left reading lamp on/off	112
② Temperature sensor for automatic climate control	184
③ Right reading lamp on/off	112
④ Interior lighting control	112
⑤ Hands-free microphone for Tele Aid (emergency call system) and telephone (see separate operating instructions)	212
⑥ Interior rear view mirror	44, 181
⑦ Garage door opener	221
⑧ Tele Aid (emergency call system) button	215

At a glance

Control panel on the door sill



Item	Page
① Door handle	101
② Switches for opening/closing door windows	196
③ Switch for seat adjustment	41



Getting started

Unlocking

Adjusting

Driving

Parking and locking



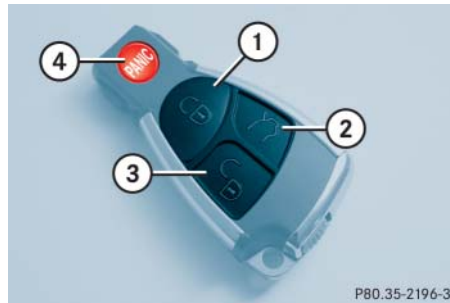


Getting started





Unlocking

The “Getting started” section provides an overview of the vehicle’s most basic functions. First-time Mercedes-Benz owners should pay special attention to the information given here.

If you are already familiar with the basic functions described here, the “Controls in detail” section will provide you with further information. The corresponding page references are located at the end of each segment.




SmartKey with remote control

- ①  Lock button
- ②  Unlock button for trunk
- ③  Unlock button
- ④  Panic button (▷ page 81)


Warning!



When leaving the vehicle, always remove the SmartKey from the starter switch, take it with you, and lock the vehicle. Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child’s unsupervised access to a vehicle could result in an accident and/or serious personal injury.

- ▶ Press unlock button  on the SmartKey.


All turn signal lamps flash once. The anti-theft alarm system is disarmed.

 *The electro-hydraulic brake system is activated.*

Warning!



Always stand to the rear of the door before opening it, otherwise the opening action may cause injury. Outside temperature may affect door opening speed.

 *Ensure sufficient side- and overhead clearance prior to opening the doors, see “Main dimensions” (▷ page 391).*



⑤ Door handle

- ▶ Press the front part of the door handle ⑤.

The door swings outwards and upwards automatically.


Opening a door causes the door windows on that side of the vehicle to open slightly. They will return to the up position when the door is closed.

Warning!



Only Mercedes-Benz SLR McLaren Roadster 722 S:

Because of the carbon fiber the footwell could be slippery when wet. Be careful when entering the vehicle with wet shoe soles, you could slip on it.

 *The door windows will not open or close if the battery is discharged or the door windows are impeded by ice. In this case open or close the door with increased caution. Do not attempt to force the door opened or closed. Doing so may damage the door seals or the side window.*

- ▶ Enter the vehicle and insert the SmartKey in the starter switch.

For more information, see “Locking and unlocking” (▷ page 98).

Getting started

Unlocking

Starter switch positions

Warning!



When leaving the vehicle, always remove the SmartKey from the starter switch, take it with you, and lock the vehicle. Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.



Starter switch

- 0** For removing SmartKey
- 1** Power supply for some consumers
- 2** Ignition (power supply for all consumers) and drive position. All lamps (except high-beam headlamp indicator lamp and turn signal indicator lamps unless activated) in the instrument cluster come on. If a lamp in the instrument cluster fails to come on when the ignition is switched on, have it checked and replaced if necessary. If a lamp in the instrument cluster remains on after starting the engine or comes on while driving, see "Lamps in instrument cluster" (▷ page 304).

i When you switch on the ignition, the indicator and warning lamps (except high-beam headlamp indicator lamp and turn signal indicator lamps unless activated) in the instrument cluster come on. The indicator and warning lamps (except high-beam headlamp indicator lamp and turn signal indicator lamps if activated) should go out when the engine is running. This indicates that the respective systems are operational.

! If the SmartKey is left in the starter switch position **0** for an extended period of time, it can no longer be turned in the starter switch.

- Remove the SmartKey from the starter switch and reinsert.

If the SmartKey can still not be turned in the starter switch, the starter battery may not be sufficiently charged.

- Have the starter battery checked and charged if necessary (▷ page 371). Contact an authorized Mercedes-Benz Center.

To prevent accelerated battery discharge and a possible dead battery, always remove the SmartKey from the starter switch when the engine is not in operation.

▼ Adjusting

Warning!

All seat, steering wheel, and rear view mirror adjustments, as well as fastening of seat belts, must be done before the vehicle is put into motion.

Seats**Warning!**

Do not adjust the driver's seat while driving. Adjusting the seat while driving could cause the driver to lose control of the vehicle.

Never ride in a moving vehicle with the seat back in an excessively reclined position as this can be dangerous. You could slide under the seat belt in a collision. If you slide under it, the seat belt would apply force at the abdomen or neck. That could cause serious or fatal injuries. The seat back and seat

belts provide the best restraint when the wearer is in a nearly upright position and seat belts are properly positioned on the body.

Warning!

Your seat must be adjusted so that you can correctly fasten your seat belt (▷ page 45).

Observe the following points:

- Adjust the seat to a comfortable seating position that still allows you to reach the accelerator/brake pedal safely. The position should be as far to the rear as possible, consistent with ability to properly operate controls.
- Adjust the seat until a comfortable steering wheel position is reached with your arms slightly bent at the elbow.
- Never place hands under the seat or near any moving parts while a seat is being adjusted.

Failure to do so could result in an accident and/or serious personal injury.

Warning!

When leaving the vehicle, always remove the SmartKey from the starter switch, take it with you, and lock the vehicle.

Even with the SmartKey removed from the starter switch, the seats can be operated. Therefore, do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.

Getting started

Adjusting

The seat adjustment switch is located on the door sill.



- ① Seat fore and aft adjustment
- ② Seat height
- ③ Seat angle

Seat fore and aft adjustment

- ▶ Slide the switch forwards or backwards in the direction of arrow ①.

! *When moving the seat, make sure that there are no items in the footwell or behind the seat, otherwise you could damage the seat.*

Seat height

- ▶ Slide the switch up or down in the direction of arrow ②.

Seat angle

- ▶ Slide the switch up or down in the direction of arrow ③.

Steering wheel

Warning!

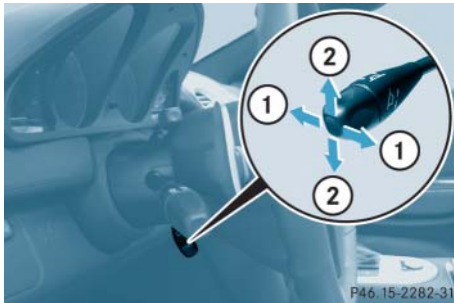


Do not adjust the steering wheel while driving. Adjusting the steering wheel while driving could cause the driver to lose control of the vehicle.

When leaving the vehicle, always remove the SmartKey from the starter switch, take it with you, and lock the vehicle.

Even with the SmartKey removed from the starter switch, the steering wheel can be adjusted. Therefore, do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.

The stalk for steering wheel adjustment is located on the lower left of the steering column.



- ① Adjusting steering column, in or out
- ② Adjusting steering column, up or down

Adjusting steering column in or out

- ▶ Move stalk forward or back in the direction of arrow ① until a comfortable steering wheel position is reached with your arms slightly bent at the elbow.

Adjusting steering column up or down

- ▶ Press the lever up or down in the direction of arrow ②. Make sure that you can move your legs freely and that you can see all the displays in the instrument cluster clearly.

Mirrors

Adjust the interior and exterior rear view mirrors before driving so that you have a good view of the road and traffic conditions.

Warning!



In case of an accident, liquid electrolyte may escape the mirror housing if the mirror glass breaks.

Electrolyte has an irritating effect. Do not allow the liquid to come into contact with eyes, skin, clothing, or respiratory system. In case it does, immediately flush affected area with water, and seek medical help if necessary.

Light hitting the mirror(s) at certain angles (incident light) could blind you. As a result, you may not be able to observe traffic conditions and could cause an accident.

Getting started

Adjusting

! *Electrolyte drops coming into contact with the vehicle paint finish can be completely removed only while in the liquid state and by applying plenty of water.*

Interior rear view mirror

- ▶ Manually adjust the rear-view mirror.

For more information, see “Rear view mirrors” (▷ page 181).

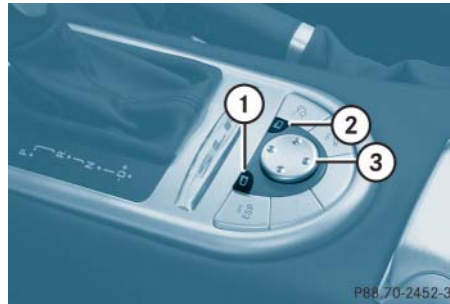
Exterior rear view mirrors

Warning!



Exercise care when using the passenger-side exterior rear view mirror. The mirror surface is convex (outwardly curved surface for a wider field of view). Objects in mirror are closer than they appear. Check your interior rear view mirror or glance over your shoulder before changing lanes.

The buttons are located on the lower part of the center console.



- ① Driver's side exterior rear view mirror button
- ② Passenger-side exterior rear view mirror button
- ③ Adjustment button

- ▶ Switch on the ignition (▷ page 40).
- ▶ Press button ① for the driver's side exterior rear view mirror or button ② for passenger-side exterior rear view mirror.
- ▶ Push adjustment button ③ up, down, left, or right according to the desired setting.

i *At low ambient temperatures, the exterior rear view mirrors will be heated automatically.*

For more information, see “Rear view mirrors” (▷ page 181).

▼ Driving

Warning!



Make sure that absolutely no objects are obstructing the pedals' range of movement. Keep the driver's footwell clear of all obstacles. If there are any floor mats or carpets in the footwell, make sure the pedals still have sufficient clearance.

During sudden driving or braking maneuvers, the objects could get caught between the pedals. You could then no longer brake or accelerate. This could lead to accidents or injury.

Fastening the seat belts

Warning!



Always fasten your seat belt before driving off. Always make sure your passenger is properly restrained.

Failure to wear and properly fasten and position your seat belt greatly increases your risk of injuries and their likely severity in an accident. You and your passenger should always wear seat belts.

If you are ever in an accident, your injuries can be considerably more severe without your seat belt properly buckled. Without your seat belt buckled, you are much more likely to hit the interior of the vehicle or be ejected from it. You can be seriously injured or killed.

In the same crash, the possibility of injury or death is lessened if you are wearing your seat belt. The air bags can only provide the protection they were designed to afford if the occupants are using their seat belts (▷ page 72).

Warning!



Children 12 years old and under must be seated and properly secured in an appropriately sized infant restraint, toddler restraint, or booster seat recommended for the size and weight of the child. For additional information, see "Children in the vehicle" (▷ page 76).

A child's risk of serious or fatal injuries is significantly increased if the child restraints are not properly secured in the vehicle and/or the child is not properly secured in the child restraint.

Getting started

Driving

Warning!



Never let more people ride in the vehicle than there are seat belts available. Be sure everyone riding in the vehicle is correctly restrained with a separate seat belt. Never use a seat belt for more than one person at a time.

Warning!



Never ride in a moving vehicle with the seat backrest in an excessively reclined position as this can be dangerous. You could slide under the seat belt in a collision. If you slide under it, the seat belt would apply force at the abdomen or neck. That could cause serious or even fatal injuries. The seat backrest and seat belt provide the best restraint when the wearer is in a nearly upright position and the seat belt is properly positioned on the body.

Warning!



Read and observe the additional warning notices printed in the “Safety and Security” (▷ page 64) and (▷ page 72).



- ① Seat belt holder
- ② Latch plate
- ③ Buckle
- ④ Release button

- ▶ With a smooth motion pull the seat belt from seat belt holder ①.
- ▶ Place the shoulder portion of the seat belt across the top of your shoulder and the lap portion across your hips.
- ▶ Push latch plate ② into buckle ③ until it clicks.
- ▶ If necessary, tighten the lap portion to a snug fit by pulling shoulder portion up.

Proper use of seat belts

- Do not twist the seat belt when fastening.
- Adjust seat belt so that the shoulder portion is located as close as possible to the middle of the shoulder (it should not touch the neck). Never pass the shoulder portion of the seat belt under your arm.
- Position the lap belt as low as possible on your hips (over hip joint) and not across the abdomen.

- Place the seat backrest in a nearly upright position.
- Never use a seat belt for more than one person at a time.
- Do not fasten a seat belt around a person and another object at the same time. When using a seat belt to secure infant or toddler restraints or children in booster seats, always follow the child seat manufacturer's instructions.
- Check your seat belt during travel to make sure that it is properly positioned.
- Make sure that the seat belt is always fitted snugly. Take special care of this when wearing loose clothing.

Warning!



Do not pass belts over sharp edges. They could tear.

Do not allow the seat belt to get caught in the door or in the seat adjustment mechanism. This could damage the seat belt.

Never attempt to make modifications to seat belts. This could impair the effectiveness of the seat belts.

Do not bleach or dye seat belts as this may severely weaken them. In a crash, they may not be able to provide adequate protection.

Damaged seat belts or seat belts that were highly stressed in an accident must be replaced. Contact an authorized Mercedes-Benz Center.

Starting the engine

Warning!



Inhalation of exhaust gas is hazardous to your health. All exhaust gas contains carbon monoxide (CO), and inhaling it can cause unconsciousness and possible death.

Do not run the engine in confined areas (such as garage) which are not properly ventilated. If you think that exhaust gas fumes are entering the vehicle while driving, have the cause determined and corrected immediately. If you must drive under these conditions, drive only with at least one window fully open.

Getting started

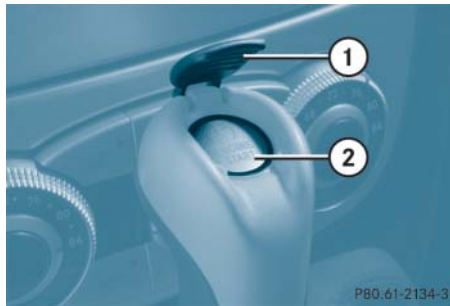
Driving



Gearshift pattern

- P** Park position with gear selector lever lock
- R** Reverse gear
- N** Neutral position
- D** Drive position

For more information, see “Automatic transmission” (▷ page 169).



- ① Cover
- ② Start button

- ▶ Make sure the gear selector lever is set to park position **P**.
- ▶ Do not depress the accelerator.
- ▶ Switch on the ignition (▷ page 40).
- ▶ Lift up cover ①.
- ▶ Press start button ② once.
The engine starts.
- ▶ Close cover ①.

Warning!



Make sure the cover of the start button is closed after starting the engine. Otherwise you could be injured on the open cover in an accident or during driving maneuvers.

For information on turning off the engine, see “Turning off the engine” (▷ page 56).

Starting difficulties

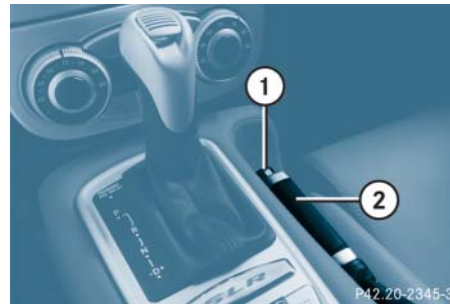
If the engine does not start as described, carry out the following steps:

- ▶ Turn the SmartKey in the starter switch to position **0** and repeat starting procedure (▷ page 48).
- ▶ Remember that extended starting attempts can drain the battery.

If the engine does not start after several starting attempts, there could be a malfunction in the engine electronics or in the fuel supply system.

- ▶ Notify an authorized Mercedes-Benz Center or call Roadside Assistance.

Parking brake



- ① Release button
- ② Parking brake lever

Warning!



When leaving the vehicle, always remove the SmartKey from the starter switch, take it with you, and lock the vehicle. Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. Children could release the parking brake, which could result in an accident and/or personal serious injury.

- ▶ Pull lever ② upwards slightly, press release button ① and move the lever down to the stop.

The warning lamp **BRAKE** (USA only) or **(P)** (Canada only) in the instrument cluster goes out.

Getting started

Driving

Driving off

- ▶ Depress the brake pedal.
The gear selector lever lock is released.
- ▶ Place the gear selector lever in drive position **D** or reverse gear **R**.

Warning!



It is dangerous to shift the gear selector lever out of park position **P** or neutral position **N** if the engine speed is higher than idle speed. If your foot is not firmly on the brake pedal, the vehicle could accelerate quickly forward or in reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the engine is idling normally and when your right foot is firmly on the brake pedal.

Warning!



On slippery road surfaces, never downshift in order to obtain braking action. This could result in drive wheel slip and reduced vehicle control. Your vehicle's ABS will not prevent this type of loss of control.

! In order to avoid damage to the transmission:

- Wait for the gear selection process to complete before setting the vehicle in motion.
- Place the gear selector lever in reverse gear **R** or park position **P** only when the vehicle is stopped.

- ▶ Release the brake pedal.
- ▶ Carefully depress the accelerator pedal.

! If you hear a warning signal and the message *Release Parking Brake* appears in the multifunction display when driving off, you have forgotten to release the parking brake.

Release the parking brake (▷ page 49).

After a cold start, the transmission engages at a higher revolution. This allows the catalytic converter to reach its operating temperature earlier.

! Do not run cold engine at high engine speed. Running a cold engine at high engine speed may shorten the service life of the engine.

! Simultaneously depressing the accelerator pedal and applying the brakes reduces engine performance and causes premature brake and drivetrain wear.

i Once the vehicle is in motion, the automatic central locking system engages.

You can deactivate the automatic locking using the control system (▷ page 139).

You can open a locked door from the inside. Open door only when conditions are safe to do so.


Switching on headlamps

Low-beam headlamps

The exterior lamp switch is located on the dashboard to the left of the steering wheel.

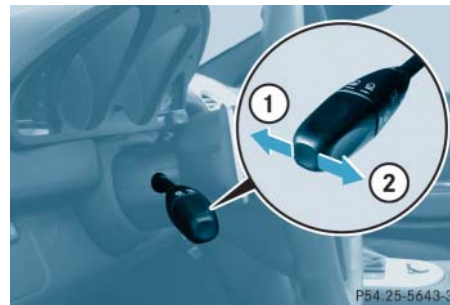


Exterior lamp switch


- ① Off
- ② Low-beam headlamps on
- ▶ Turn the exterior lamp switch to position .
- The low-beam headlamps come on.

High beam

The combination switch is located on the left of the steering column.



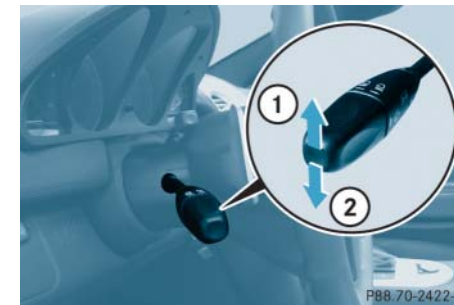
Combination switch

- ① High beam
- ② High-beam flasher
- ▶ Push combination switch in direction of arrow ①.
- The high-beam headlamps and high-beam headlamp indicator lamp  in the instrument cluster come on (▷ page 29).



For more information on headlamps, see “Lighting” (▷ page 106).

Turn signals

The combination switch is located on the left of the steering column.



Combination switch

- ① Turn signals, right
- ② Turn signals, left
- ▶ Press the combination switch up ① or down ②.
- The corresponding turn signal indicator lamp  or  in the instrument cluster flashes (▷ page 29).

The combination switch resets automatically after major directional changes.

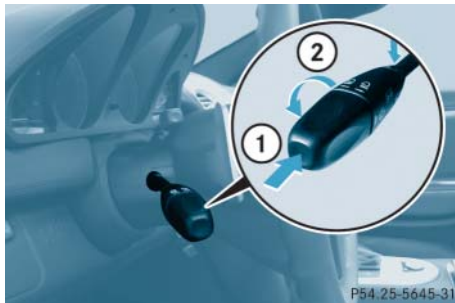
Getting started

Driving

i To signal minor directional changes, such as changing lanes, press combination switch to point of resistance only and release. The corresponding turn signals will flash three times.

Windshield wipers

The combination switch is located on the left of the steering column.



Combination switch

- ① Single wipe
Wiping with windshield washer fluid
- ② Switching on windshield wipers
- ▶ Switch on the ignition (▷ page 40).

! Do not operate the windshield wipers when the windshield is dry. Dust that accumulates on a windshield might scratch the glass and/or damage the wiper blades when wiping occurs on a dry windshield. If it is necessary to operate the wipers in dry weather conditions, always operate the windshield wipers with windshield washer fluid (▷ page 53).

! If anything blocks the windshield wipers (leaves, snow, etc.), switch them off immediately.

- For safety reasons, stop the vehicle in a safe location, remove the SmartKey from starter switch before attempting to remove any blockage.
- The hood must be opened (▷ page 250) before folding the wiper arms away from the windshield. You could otherwise damage the hood and/or the wiper arm.
- Remove the blockage.
- Turn the windshield wipers on again.

If windshield wipers fail to function at all in switch position I,

- set the combination switch to the next highest wiper speed
- have the windshield wipers checked at the nearest authorized Mercedes-Benz Center

Switching on windshield wipers

▶ Turn the combination switch in direction of arrow ② to the desired position, depending on the intensity of the rain.

- 0 Windshield wipers off
- I Intermittent wiping
- II Normal wiper speed
- III Fast wiper speed

Intermittent wiping

! Do not leave windshield wipers on an intermittent setting when the vehicle is taken to an automatic car wash or during windshield cleaning. Wipers will operate in the presence of water sprayed on the windshield, and wipers may be damaged as a result.

! If you have set intermittent wiping, dirt on the surface of the rain sensor or optical effects may cause the windshield wipers to wipe in an undesired fashion. This could then damage the windshield wiper blades or scratch the windows. You should therefore switch off the windshield wipers when weather conditions are dry.

The intermittent wiping interval is dependent on the wetness of the windshield.

- ▶ Turn the combination switch in direction of arrow ② to position I.

After the initial wipe, pauses between wipes are controlled by the rain sensor.

i Intermittent wiping is interrupted when the vehicle is at a standstill and a front door is opened. This protects persons getting into or out of the vehicle from being sprayed.

Intermittent wiping will be continued when

- all doors are closed and the gear selector lever is in drive position **D** or reverse gear **R**
or
- the wiper setting is changed using the combination switch

Single wipe

- ▶ Press combination switch briefly in direction of arrow ① to the resistance point.

The windshield wipers wipe one time without washer fluid.

Wiping with windshield washer fluid

- ▶ Press combination switch in direction of arrow ① past the resistance point.

The windshield wipers operate with washer fluid.

i To prevent smears on the windshield or noisy/chattering wiper blades, wipe with windshield washer fluid every now and then even when it is raining.

For information on filling up the washer reservoir, see “Windshield washer system and headlamp cleaning system” (▷ page 257).

Getting started

Driving

Problems while driving

The engine runs erratically and misfires

- An ignition cable may be damaged.
- The engine electronics may not be operating properly.
- Unburned gasoline may have entered the catalytic converter and damaged it.
- ▶ Give very little gas.
- ▶ Have the problem repaired by an authorized Mercedes-Benz Center as soon as possible.

The coolant temperature is above 248°F (120°C)

The coolant is too hot and is no longer cooling the engine.

- ▶ Stop the vehicle as soon as possible in a safe location and turn off the engine. Allow engine and coolant to cool off.
- ▶ Check the coolant level and add coolant if necessary (▷ page 255).

In case of accident

If the vehicle is leaking gasoline:

- ▶ Do not start the engine under any circumstances.
- ▶ Notify local fire and/or police authorities.

If the extent of the damage cannot be determined:

- ▶ Contact an authorized Mercedes-Benz Center or call Roadside Assistance.

If no damage can be determined on the

- major assemblies
- fuel system
- engine mount:
- ▶ Start the engine in the usual manner.

▼ **Parking and locking**

You have now completed your first drive. You have properly stopped and parked your vehicle. End your drive as follows.

Warning!



With the engine not running, there is no power assistance for the brake and steering system. In this case, it is important to keep in mind that a considerably higher degree of effort is necessary to brake and steer the vehicle.

Warning!



Do not park this vehicle in areas where combustible materials such as grass, hay or leaves can come into contact with the hot exhaust system, as these materials could be ignited and cause a vehicle fire.

To reduce the risk of personal injury or damage to the vehicle drivetrain as a result of vehicle movement, before turning off the engine and leaving the vehicle always:

- Keep right foot on brake pedal.
- Pull the parking brake lever up as many notches as possible.
- Move the gear selector lever to park position **P**.
- Slowly release brake pedal.
- When parked on an incline, turn front wheels towards the road curb.
- Turn the SmartKey in the starter switch to position **0** and remove.
- Take the SmartKey with you and lock vehicle when leaving.

Parking brake

Warning!



Engaging the parking brake while the vehicle is in motion can cause the rear wheels to lock up. You could lose control of the vehicle and cause an accident. In addition, the vehicle's brake lights do not light up when the parking brake is engaged.




① Parking brake lever

Getting started

Parking and locking

- ▶ Pull parking brake lever ① up as many notches as possible.

When the engine is running, the warning lamp **BRAKE** (USA only) or  (Canada only) in the instrument cluster comes on.

Warning!



When leaving the vehicle, always remove the SmartKey from the starter switch, take it with you, and lock the vehicle. Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. Children could release the parking brake and/or move the gear selector lever from park position **P**, either of which could result in an accident and/or serious personal injury.

Warning!



Getting out of your vehicle with the gear selector lever not fully engaged in park position **P** is dangerous. Also, when parked

on an incline, park position **P** alone may not prevent your vehicle from moving, possibly hitting people or objects.

Always set the parking brake in addition to shifting to park position **P** (▷ page 48).


When parked on an incline, turn front wheels towards the road curb.

Switching off headlamps

- ▶ Turn the exterior lamp switch to **0** (▷ page 106).

Turning off the engine


- ▶ Place the gear selector lever in park position **P**.

 Always set the parking brake in addition to shifting automatic transmission to park position **P**.

When parked on an incline, turn front wheels towards the road curb.

- ▶ Turn the SmartKey in the starter switch to position **0** and remove the SmartKey from the starter switch.


The immobilizer is activated.

 The SmartKey can only be removed from the starter switch with the gear selector lever in park position **P**.

Releasing seat belts

- ▶ Press the seat belt release button ④ (▷ page 46).

Allow the retractor to completely rewind the seat belt by guiding the latch plate.

 Make sure the seat belt retracts fully so that the seat belt and/or latch plate cannot get caught or pinched in the door or in the seat mechanism. This can damage the seat belt and impair the effectiveness of the seat belt, and/or cause damage to the door and/or door trim panel. Such damage is not covered by the Mercedes-Benz Limited Warranty.

Damaged seat belts must be replaced. Contact an authorized Mercedes-Benz Center.

Locking

Warning!



To prevent possible personal injury, always keep hands and fingers away from the door openings when closing the doors. Be especially careful when small children are around.

Before closing doors, make sure there is no possibility of someone getting caught in a door during closing.

Warning!



When leaving the vehicle, always remove the SmartKey from the starter switch, take it with you, and lock the vehicle. Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.

Warning!




Only Mercedes-Benz SLR McLaren Roadster 722 S:

Because of the carbon fiber the footwell could be slippery when wet. Be careful when exiting the vehicle with wet shoe soles, you could slip on it.


- ▶ Exit the vehicle and close all doors. Opening a door causes the door windows on that side of the vehicle to open slightly. They will return to the up position when the door is closed.

! *The door windows will not open or close if the battery is discharged or the door windows are impeded by ice. In this case open or close the door with increased caution. Do not attempt to force the door opened or closed. Doing so may damage the door seals or the side window.*

i If you hear a warning signal you have forgotten to switch off the headlamps before opening the driver's door.

In addition the message  Lights Are Still On appears in the multifunction display.

Switch off the headlamps.

- ▶ Press the lock button  on the SmartKey (▷ page 38).

With the hood, trunk and all doors closed, all turn signal lamps flash three times. The anti-theft alarm system is armed.

For more information, see "Locking and unlocking" (▷ page 98).

Safety and Security

Occupant safety

Panic alarm

Driving safety systems

Performance enhancement system

Anti-theft systems

McLaren

A close-up photograph of a McLaren car door and interior. The door is silver with the McLaren logo embossed on it. The interior is black with a leather seat and a steering wheel. The car is parked on a dark surface.



Safety and Security

Occupant safety

In this section you will learn the most important facts about the restraint systems of the vehicle.

The restraint systems are

- Seat belts (▷ page 72)
- Child restraints (▷ page 76)

Additional protection potential provided by

- Supplemental Restraint System (SRS) with
 - Air bags (▷ page 62)
 - Air bag control unit (with crash sensors)
 - Emergency Tensioning Device (ETD) for seat belts (▷ page 75)
 - Seat belt force limiter (▷ page 75)
 - Roll bars

Air bag system components with

- Passenger front air bag off indicator lamp (▷ page 70)
- Passenger seat with Occupant Classification System (OCS) (▷ page 67)

Although independent systems, their protective functions work in conjunction with each other.

i For information on infants and children traveling with you in the vehicle and restraint systems for infants and children, see “Children in the vehicle” (▷ page 76).

The SRS system conducts a self-test when the ignition is switched on and in regular intervals while the engine is running. This facilitates detection of malfunctions. The **SRS** indicator lamp in the instrument cluster comes on when the ignition is switched on and goes out no later than a few seconds after the engine has been started.

The SRS components are in operational readiness if the **SRS** indicator lamp is not lit when the engine is running.

A malfunction in the system has been detected if the **SRS** indicator lamp:

- fails to go out after approximately 4 seconds after the engine was started
- does not come on at all
- comes on after the engine was started or while driving

For more information, see the “Practical hints” section (▷ page 314).

Safety and Security

Occupant safety

Warning!



Modifications to or work improperly conducted on restraint systems or their wiring, as well as tampering with interconnected electronic systems, can lead to the restraint systems no longer functioning as intended.

Air bags or Emergency Tensioning Devices (ETDs), for example, could deploy inadvertently or fail to deploy in accidents although the deceleration threshold for air bag deployment is exceeded. Therefore, never modify the restraint systems. Do not tamper with electronic components or their software.

Warning!



In the event that the **SRS** indicator lamp comes on during driving or does not come on at all, the SRS self-check has detected a malfunction. For your safety, we strongly recommend that you contact an authorized Mercedes-Benz Center immediately to have the system checked; otherwise the SRS may not deploy when needed in an accident, which could result in serious personal or fatal injury, or it might deploy unexpectedly and unnecessarily which could also result in injury.

In addition, improper repair work on the SRS creates a risk of rendering the SRS inoperative or causing unintended air bag deployment. Work on the SRS must therefore only be performed by qualified technicians. Contact an authorized Mercedes-Benz Center.

If it is necessary to modify an air bag system to accommodate a person with disabilities, contact your local authorized Mercedes-Benz Center or call the Customer Assistance Center at 1-800-FOR-MERCEdes (1-800-367-6372) for details.

Safety and Security

Occupant safety

Air bags

Warning!



Air bags are designed to reduce the potential of injury and fatality in certain frontal impacts (front air bags, knee air bags) or side impacts (head-thorax air bags). However, no system available today can completely eliminate injuries and fatalities.

The deployment of the air bags temporarily releases a small amount of dust from the air bags. This dust, however, is neither injurious to your health, nor does it indicate a fire in the vehicle. The dust might cause some temporary breathing difficulty for people with asthma or other breathing trouble. To avoid this, you may wish to get out of the vehicle as soon as it is safe to do so. If you have any breathing difficulty but cannot get out of the vehicle after the air bag inflates, then get fresh air by opening a window or door.

Warning!



To reduce the risk of injury when the front air bags inflate, it is very important for the driver and passenger to always be in a properly seated position and to wear their seat belts.

For maximum protection in the event of a collision always be in normal seated position with your back against the backrest. Fasten your seat belt and make sure that it is properly positioned on your body (▷ page 45).

Since the air bag inflates with considerable speed and force, a proper seating and hands on steering wheel position will help to keep you at a safe distance from the air bag. Occupants who are unbelted, out of position or too close to the air bag can be seriously injured or killed by an air bag as it inflates with great force in the blink of an eye:

- Sit properly belted in a nearly upright position with your back against the seat backrest.

- Adjust the driver's seat as far as possible rearward, still permitting proper operation of vehicle controls. The distance from the center of the driver's breastbone to the center of the air bag cover on the steering wheel must be at least 10 inches (25 cm) or more. You should be able to accomplish this by a combination of adjustments to the seat and steering wheel. If you have any problems, please see an authorized Mercedes-Benz Center.
- Do not lean your head or chest close to the steering wheel or dashboard.
- Keep hands on the outside of steering wheel rim. Placing hands and arms inside the rim can increase the risk and potential severity of hand/arm injury when driver's front air bag inflates.

Safety and Security

Occupant safety

- Adjust the passenger seat as far as possible rearward from the dashboard when the seat is occupied.
- Occupants, especially children, should never place their bodies or lean their heads in the area of the door where the head-thorax air bag inflates. This could result in serious injuries or death should the air bag be deployed. Always sit as upright as possible, properly use the seat belts and an appropriately sized infant, or toddler restraint, or booster seat recommended for the size and weight of the child.

Failure to follow these instructions can result in severe injuries to you or other occupants.

If you sell your vehicle, it is important that you make the buyer aware of this safety information. Be sure to give the buyer this Operator's Manual.

Warning!



There is a possibility of a head-thorax air bag related injury if occupants, especially children, are not properly seated or restrained when next to a head-thorax air bag which needs to deploy rapidly in a side impact in order to do its job.

To help avoid the possibility of injury, please follow these guidelines:

- (1) Occupants, especially children, should never place their bodies or lean their heads in the area of the door where the head-thorax air bag inflates. This could result in serious injuries or death should the head-thorax air bag be deployed.

- (2) Always sit as upright as possible, properly use the seat belts, and for children 12 years old or under, use an appropriately sized infant restraint, toddler restraint, or booster seat recommended for the size and weight of the child.

- (3) Always wear seat belts properly.

If you believe that, even with the use of these guidelines, it would be safer for your passenger seat occupants to have the passenger head-thorax air bag deactivated, then deactivation can be accomplished upon your written request to do so at an authorized Mercedes-Benz Center at an additional cost.

Please contact your local authorized Mercedes-Benz Center or call the Customer Assistance Center (in the USA) at 1-800-FOR-MERCEdes (1-800-367-6372) or Customer Service (in Canada) at 1-800-387-0100 for details.

Safety and Security

Occupant safety

i Air bags are designed to activate only in certain frontal impacts (front air bags, knee air bags) and side impacts (head-thorax air bags) which exceed preset thresholds. Only during these types of impacts will they provide their supplemental protection.

The driver and passenger should always wear their seat belts. Otherwise it is not possible for the air bags to provide their supplemental protection.

In cases of other types of impacts and impacts below air bag deployment thresholds, air bags will not deploy. The driver and passenger will then be protected to the extent possible by a properly fastened seat belt. A properly fastened seat belt is also needed to provide the best possible protection in a rollover.

We caution you not to rely on the presence of the air bags in order to avoid wearing your seat belt.

It is important to your safety and that of your passenger that you replace deployed air bags and repair any malfunctioning air bags to ensure that the vehicle will continue to provide supplemental crash protection for occupants.

Safety guidelines for the seat belt, Emergency Tensioning Device (ETD) and air bag

Warning!

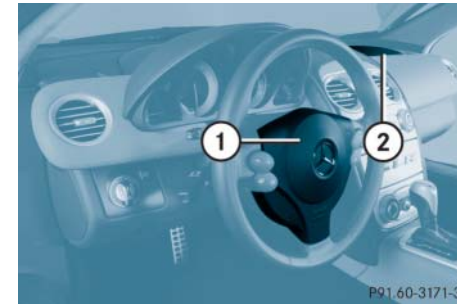


- Damaged seat belts or seat belts that were highly stressed in an accident must be replaced and their anchoring points must also be checked. Only use seat belts installed or supplied by an authorized Mercedes-Benz Center.
 - Air bags and ETDs are designed to function on a one-time-only basis. An air bag or ETD that was activated must be replaced.
 - Air bags and ETDs contain perchlorate material, which may require special handling and regard for the environment. Check with your local government's disposal guidelines. California residents, see www.dtsc.ca.gov/Hazardous-Waste/Perchlorate/index.cfm.
- Do not pass seat belts over sharp edges. They could tear.
 - Do not make any modification that could change the effectiveness of the seat belts.
 - Do not bleach or dye seat belts as this may severely weaken them. In a crash, they may not be able to provide adequate protection.
 - No modifications of any kind may be made to any components or wiring of the SRS. This includes changing or removing any component or part of the SRS, the installation of additional trim material, badges, etc. over the steering wheel hub, passenger front air bag cover, door frame trims, or door trim panels, and installation of additional electrical/electronic equipment on or near SRS components and wiring. Keep area between air bags and occupants free from objects (e.g. packages, purses, umbrellas, etc.).
 - Air bag system components will be hot after an air bag has inflated. Do not touch.

- Never place your feet on the instrument panel, dashboard, or on the seat. Always keep both feet on the floor in front of the seat.
- In addition, improper repair work on the SRS creates a risk of rendering the SRS inoperative or causing unintended air bag deployment. Work on the SRS must therefore only be performed by qualified technicians. Contact an authorized Mercedes-Benz Center.
- For your protection and the protection of others, when scrapping the air bag unit or emergency tensioning device, our safety instructions must be followed. These instructions are available from any authorized Mercedes-Benz Center.
- Given the considerable deployment speed, required inflation volume, and the textile structure of the air bags, there is the possibility of abrasions or other, potentially more serious injuries resulting from air bag deployment.

When you sell your vehicle, we strongly urge you to give notice to the subsequent owner that it is equipped with an SRS by alerting them to the applicable section in the Operator's Manual.

Front air bags



- ① Driver air bag
- ② Passenger air bag

Driver and passenger air bags are deployed:

- in the event of certain frontal impacts
- if impact exceeds a preset deployment threshold
- independently of the head-thorax air bags

Safety and Security

Occupant safety

i The front air bags in this vehicle have been designed to inflate in two stages. This allows the air bag to have different rates of inflation that are based on the rate of relevant vehicle deceleration as assessed by the air bag control unit.

On the passenger side, the front air bag deployment is additionally influenced by the passenger's weight category as identified by the Occupant Classification System (OCS) (> page 67).

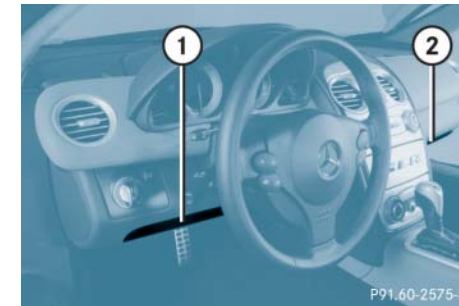
The lighter the passenger side occupant, the higher the vehicle deceleration rate required for the second stage inflation of the air bag.

The air bags will not deploy in impacts which do not exceed the system's deployment thresholds. You will then be protected by the fastened seat belts.

The passenger air bag will only be deployed if:

- the system, based on the OCS weight sensor readings, senses that the passenger seat is occupied
- the PASSENGER AIR BAG OFF indicator lamp in the lower part of the center console is not lit (> page 70)
- the impact exceeds a preset deployment threshold

Knee air bags



- ① Knee air bag, driver's side
- ② Knee air bag, passenger side

The knee air bags are located on the lower instrument panel. They are designed to operate together with the front air bags in certain frontal impacts exceeding a preset threshold. The knee air bags operate best in conjunction with a properly positioned and fastened seat belts and when the footwell is kept clear of objects.

Head-thorax air bags



① Head-thorax air bag

The head-thorax air bags are deployed:

- in side impacts exceeding a preset deployment threshold
- on the impacted side of the vehicle
- independently of the front air bags

The head-thorax air bags are not deployed in side impacts which do not exceed the system's deployment threshold.

Occupant Classification System

The Occupant Classification System (OCS) automatically turns the passenger front air bag and passenger-side knee air bag on or off based on the classified occupant weight category determined by weight sensor readings from the passenger seat.

i The system does not deactivate the head-thorax air bag and the emergency tensioning device.

Occupants must sit properly belted in a position that is as upright as possible with their back against the seat backrest and feet on the floor to be correctly classified. If the occupant's weight is transferred to another object in the vehicle (e.g. by leaning on armrests), the OCS may not be able to properly approximate the occupant's weight category.

i If the seat needs to be serviced in any way, take the vehicle to an authorized Mercedes-Benz Center.

Only seat accessories approved by Mercedes-Benz may be used.

Both driver and the passenger should always use the PASSENGER AIR BAG OFF indicator lamp (▷ page 70) as an indication of whether or not the passenger is properly positioned.

Safety and Security

Occupant safety

Warning!



If the PASSENGER AIR BAG OFF indicator lamp illuminates when an adult or someone larger than a small individual is in the passenger seat, have the passenger re-position himself or herself in the seat until the PASSENGER AIR BAG OFF indicator lamp goes out.

For information on air bag display messages, see (▷ page 324).

In the event of a collision, the air bag control unit will not allow passenger front air bag or passenger knee air bag deployment when the OCS classified the passenger seat occupant as being up to or less than the weight of a typical 12-month-old child in a standard child restraint or if the passenger seat is sensed as being empty.

When the OCS senses that the passenger seat occupant is classified as being up to or less than the weight of a typical 12-month-old child in a standard child restraint, the PASSENGER AIR BAG OFF indicator lamp will illuminate when the engine is started and remain illuminated, indicating that the passenger front air bag and passenger knee air bag are deactivated.

When the OCS senses that the passenger seat is classified as being empty, the PASSENGER AIR BAG OFF indicator lamp will illuminate when the engine is started and remain illuminated, indicating that the passenger front air bag and the passenger knee air bag are deactivated.

When the OCS senses that the passenger seat occupant is classified as being heavier than the weight of a typical 12-month-old child seated in a standard child restraint or as being a small individual (such as a young teenager or a small adult), the PASSENGER AIR BAG OFF indicator lamp will illuminate for approximately 6 seconds when the engine is started and then, depending on occupant weight sensor readings from the seat, remain illuminated or go out. With the PASSENGER AIR BAG OFF indicator lamp illuminated, the passenger front air bag and the passenger knee air bag are deactivated. With the PASSENGER AIR BAG OFF indicator lamp out, the passenger front air bag and the passenger knee air bag are activated.

When the OCS senses that the passenger seat occupant is classified as an adult or someone larger than a small individual, the PASSENGER AIR BAG OFF indicator lamp will illuminate for approximately 6 seconds when the engine is started and then go out, indicating that the passenger front air bag

Safety and Security

Occupant safety

and the passenger knee air bag are activated.

If the PASSENGER AIR BAG OFF indicator lamp is illuminated, the passenger front air bag and the passenger knee air bag are deactivated and will not be deployed.

If the PASSENGER AIR BAG OFF indicator lamp is not illuminated, the passenger front air bag and the passenger knee air bag are activated and will be deployed:

- in the event of certain frontal impacts
- if impact exceeds a preset deployment threshold
- independently of the head-thorax air bags

If the passenger front air bag and the passenger knee air bag are deployed, the rate of inflation will be influenced by:

- the rate of relevant vehicle deceleration as assessed by the air bag control unit
- passenger's weight category as identified by the Occupant Classification System (OCS)

Warning!



Children 12 years old and under must be seated and properly secured in an appropriate infant or child restraint recommended for the size and weight of the child.

The infant or child restraint must be properly secured with the vehicle's seat belt fully in accordance with the child seat manufacturer's instructions.

Children can be killed or seriously injured by an inflating air bag. Note the following important information:

- Your vehicle is equipped with air bag technology designed to turn off the passenger front air bag and the passenger knee air bag in your vehicle when the system senses the weight of a typical 12-month-old child or less along with the weight of a standard appropriate child restraint on the passenger seat.

- A child in a rear-facing child restraint on the passenger seat will be seriously injured or even killed if the passenger front air bag and/or the passenger knee air bag inflate in a collision which could occur under some circumstances, even with the air bag technology installed in your vehicle.
- If you install a rear-facing child restraint on the passenger seat, make sure that the PASSENGER AIR BAG OFF indicator lamp is illuminated, indicating that the passenger front air bag and the passenger knee air bag are deactivated. Should the PASSENGER AIR BAG OFF indicator lamp not illuminate or go out while the restraint is installed, please check installation. Periodically check the PASSENGER AIR BAG OFF indicator lamp while driving to make sure the PASSENGER AIR BAG OFF indicator lamp is illuminated. If the PASSENGER AIR BAG OFF indicator lamp goes out or

Safety and Security

Occupant safety



remains out, do not transport a child on the passenger seat until the system has been repaired. A child in a rear-facing child restraint on the passenger seat will be seriously injured or even killed if the passenger front air bag and/or the passenger knee air bag inflate.

- If you place a child in a forward-facing child restraint on the passenger seat, move the seat as far back as possible, use the proper child restraint recommended for the age, size and weight of the child, and secure child restraint with the vehicle's seat belt according to the child seat manufacturer's instructions. For children larger than the typical 12-month-old child, the passenger front air bag and the passenger knee air bag may or may not be activated (▷ page 68).

i Deployment of the driver front air bag does not mean that the passenger front air bag also should have deployed.

The Occupant Classification System (▷ page 67) may have determined:

- *that the seat was empty or occupied by the weight up to or less than that of a typical 12-month-old child seated in a standard child restraint – both instances where the system suppresses deployment of the passenger front air bag even though the impact met the criteria and was of sufficient severity to deploy the driver front air bag*
- *that the seat was occupied by a small individual (such as a young teenager or a small adult) or a child weighing more than the weight of a typical 12-month-old child in a standard child restraint – instances where the system may suppress deployment of the passenger front air bag even though the impact met the criteria and was of sufficient severity to deploy the driver front air bag*

The PASSENGER AIR BAG OFF indicator lamp is located in lower part of the center console.



① Passenger front air bag off indicator lamp

The PASSENGER AIR BAG OFF indicator lamp ① will be illuminated, except with the SmartKey removed or in starter switch position 0.

Warning!



If the **SRS** indicator lamp and the PASSENGER AIR BAG OFF indicator lamp are lit at the same time, there is a malfunction in the Occupant Classification System. The passenger front air bag and the passenger knee air bag will be deactivated in this case.

Have the system checked as soon as possible by qualified technicians. Contact an authorized Mercedes-Benz Center.

Only have the seat repaired or replaced by an authorized Mercedes-Benz Center.

In order to ensure proper operation of the air bag system and OCS:

- Do not lift yourself from the seat as this may cause the OCS to be unable to correctly approximate the occupant weight category.

- Sit properly belted in a position that is as upright as possible with your back against the seat backrest.

While seated, an occupant should not position him/herself in such a way as to cause the occupant's weight to be lifted from the seat bottom as this may result in the OCS being unable to correctly approximate the occupant's weight category.

- Read and observe all warnings in this chapter.

Self-test Occupant Classification System

After turning the SmartKey in the starter switch to position **1** or **2**, the PASSENGER AIR BAG OFF indicator lamp located in the center console illuminates. If an adult occupant is properly sitting on the passenger seat and the system senses the occupant as being an adult, the PASSENGER AIR BAG OFF indicator lamp will illuminate and go out after approximately 6 seconds.

If the seat is not occupied and the system senses the passenger seat as being empty, the PASSENGER AIR BAG OFF indicator lamp will illuminate and not go out.

Safety and Security

Occupant safety

Warning!



If the PASSENGER AIR BAG OFF indicator lamp should not illuminate, the system is not functioning. You must contact an authorized Mercedes-Benz Center before seating any child on the passenger seat.

For more information, see the “Practical hints” section (▷ page 317).

Warning!



Never place anything between seat cushion and child seat (e.g. pillow), since it reduces the effectiveness of the Occupant Classification System. The bottom of the child seat must make full contact with the passenger seat cushion. An incorrectly mounted child seat could cause injuries to the child in case of an accident, instead of increasing protection for the child.

Follow the manufacturer’s instructions for installation of child seats.

Seat belts

The use of seat belts and infant and child restraint systems is required by law in all 50 states, the District of Columbia, the U.S. territories and all Canadian provinces.

Even where this is not the case, all vehicle occupants should have their seat belts fastened when ever the vehicle is in motion.

For information on fastening seat belts, see “Fastening the seat belts” (▷ page 45).

i For information on infants and children traveling with you in the vehicle and restraint systems for infants and children, see “Children in the vehicle” (▷ page 76).

Warning!



Always fasten your seat belt before driving off. Always make sure your passenger is properly restrained.

Failure to wear and properly fasten and position your seat belt greatly increases your risk of injuries and their likely severity in an accident. You and your passenger should always wear seat belts.

If you are ever in an accident, your injuries can be considerably more severe without your seat belt properly buckled. Without your seat belt buckled, you are much more likely to hit the interior of the vehicle or be ejected from it. You can be seriously injured or killed.

In the same crash, the possibility of injury or death is lessened if you are wearing your seat belt. Air bags can only protect as they are designed if the occupants are properly wearing their seat belts.

Safety and Security

Occupant safety

Warning!



Never ride in a moving vehicle with the seat backrest in an excessively reclined position as this can be dangerous. You could slide under the seat belt in a collision. If you slide under it, the seat belt would apply force at the abdomen or neck. That could cause serious or even fatal injuries. The seat backrest and seat belt provide the best restraint when the wearer is in a nearly upright position and the seat belt is properly positioned on the body.

Warning!



Never let more people ride in the vehicle than there are seat belts available. Be sure everyone riding in the vehicle is correctly restrained with a separate seat belt. Never use a seat belt for more than one person at a time.

Warning!



Damaged seat belts or seat belts that were highly stressed in an accident must be replaced and their anchoring points must also be checked.

Only use seat belts which have been approved by Mercedes-Benz.

Do not make any modifications to the seat belts. This can lead to unintended activation of the ETDs or to their failure to activate when necessary.

Do not bleach or dye seat belts as this may severely weaken them. In a crash, they may not be able to provide adequate protection.

Have all work carried out only by qualified technicians. Contact an authorized Mercedes-Benz Center.

Warning!



USE SEAT BELTS PROPERLY

- Seat belts can only work when used properly. Never wear seat belts in any other way than as described in this section, as that could result in serious injuries in case of an accident.
- Each occupant should wear their seat belt at all times, because seat belts help reduce the likelihood of and potential severity of injuries in accidents, including rollovers. The integrated restraint system includes SRS (driver air bag, passenger air bag, knee air bags, head-thorax air bags), Emergency Tensioning Device (ETD) and seat belt force limiters. The system is designed to enhance the protection offered to properly belted occupants in certain frontal (front air bags, knee air bags and ETD) and side (head-thorax air bags and ETD) impacts which exceed preset deployment thresholds.



Safety and Security


Occupant safety



- Never wear the shoulder belt under your arm, against your neck or off your shoulder. In a frontal crash, your body would move too far forward. That would increase the chance of head and neck injuries. The belt would also apply too much force to the ribs or abdomen, which could severely injure internal organs such as your liver or spleen.
- Never wear belts over rigid or breakable objects in or on your clothing, such as eyeglasses, pens, keys, etc., as these might cause injuries.
- Position the lap belt as low as possible on your hips and not across the abdomen. If the belt is positioned across your abdomen, it could cause serious personal injuries in a crash.
- Never use a seat belt for more than one person at a time. Do not fasten a seat belt around a person and another person or other objects.


- Seat belts should not be worn twisted. In a crash, you wouldn't have the full width of the seat belt to manage impact forces. The twisted seat belt against your body could cause injuries.
- Pregnant women should also always use a lap-shoulder belt. The lap belt portion should be positioned as low as possible on the hips to avoid any possible pressure on the abdomen.
- Never place your feet on the instrument panel, dashboard or on the seat. Always keep both feet on the floor in front of the seat.
- When using a seat belt to secure infant or toddler restraints or children in booster seats, always follow the child seat manufacturer's instructions.


Enhanced seat belt reminder system


When the engine is started, the seat belt telltale  will always illuminate for 6 seconds to remind you and your passenger to fasten your seat belts.


If the driver's seat belt is not fastened when the engine is started, an additional warning chime will also sound for a maximum of 6 seconds or until the driver's seat belt is fastened.

If after these 6 seconds, the driver's or the passenger's seat belt (with the passenger seat occupied) are not fastened with all doors closed,

- the seat belt telltale  remains illuminated for as long as either the driver's or passenger's seat belt is not fastened.

- and if the vehicle speed once exceeds 15 mph (25 km/h), the seat belt telltale  starts flashing and a warning chime sounds with increasing intensity for a maximum of 60 seconds or until the driver's and passenger's seat belts are fastened.

If the driver's or the passenger's seat belt remain unfastened after 60 seconds, the warning chime stops sounding. The seat belt telltale  stops flashing but continues to be illuminated.

The seat belt telltale  will only go out if both the driver's and the passenger's seat belt (with the passenger seat occupied) are fastened, or the vehicle is standing still and a door is opened.

For more information, see the "Practical hints" section (▷ page 312).

Emergency Tensioning Device (ETD), seat belt force limiter

The seat belts are equipped with emergency tensioning devices and seat belt force limiters.

The ETD is designed to activate in the following cases:

- in frontal or rear-end impacts exceeding the system deployment threshold
- in side collisions exceeding the deployment threshold on the far side of the impact
- if the restraint systems are operational and functioning correctly, see **SRS** indicator lamp (▷ page 60)
- in certain vehicle rollovers if the system determines an additional degree of protection

The ETDs will only activate if the seat belts are fastened (latch plate properly inserted into buckle).

In an impact, ETDs remove slack from the seat belts in such a way that the seat belts fit more snugly against the body. Seat belt force limiters reduce the force exerted by the seat belts on occupants during a crash.

Warning!



An ETD that was activated must be replaced.

When disposing of the ETD, our safety instructions must be followed. These are available at any authorized Mercedes-Benz Center.

Safety and Security

Occupant safety

Children in the vehicle

If an infant or child is traveling with you in the vehicle:

- ▶ Secure the child using an infant or child restraint appropriate to the age and size of the child.
- ▶ Make sure the infant or child is properly secured at all times while the vehicle is in motion.

Infant and child restraint seats and information on choosing an appropriate restraint system can be obtained from any Mercedes-Benz Center.

Warning!



Do not leave children unattended in the vehicle, even if they are secured in a child restraint system. The children could

- injure themselves on parts of the vehicle
- be seriously or fatally injured through excessive exposure to extreme heat or cold

Do not expose the child restraint system to direct sunlight. The child restraint system's metal parts, for example, could become very hot, and the child could be burned on these parts.

If children open a door, they could

- injure other persons
- get out of the car and injure themselves or be injured by following traffic

Do not carry heavy or hard objects in the passenger compartment unless they are firmly secured in place.

For more information, please refer to the "Useful features" section (▷ page 209) through (▷ page 210).

Unsecured or improperly positioned cargo increases a child's risk of injury in the event of

- strong braking maneuvers
- sudden changes of direction
- an accident

Infant and child restraint systems

We recommend all infants and children be properly restrained at all times while the vehicle is in motion.

The passenger lap-shoulder belt has a special seat belt retractor for secure fastening of child restraints.

To fasten a child restraint follow child restraint instructions for mounting. Then pull the shoulder belt out completely and let it retract. During seat belt retraction, a ratcheting sound can be heard to indicate that the special seat belt retractor is activated. The seat belt is now locked. Push down on child restraint to take up any slack.

To deactivate, release seat belt buckle and let seat belt retract completely.

The seat belt can again be used in the usual manner.

Safety and Security

Occupant safety

Warning!



Never release the seat belt buckle while the vehicle is in motion, since the special seat belt retractor will be deactivated.

The use of infant or child restraints is required by law in all 50 states, the District of Columbia, the U.S. territories, and all Canadian provinces.

Infants and small children should be seated in an appropriate infant or child restraint system and properly secured in accordance with the manufacturer's instructions for the child restraint that complies with U.S. Federal Motor Vehicle Safety Standards 213 and 225 and Canadian Motor Vehicle Safety Standards 213 and 210.2.

A statement by the child restraint manufacturer of compliance with these standards can be found on the instruction label on the restraint and in the instruction manual provided with the restraint.

When using any infant, or toddler restraint, or booster seat, be sure to carefully read and follow all manufacturer's instructions for installation and use.

Please read and observe warning labels affixed to inside of the vehicle and to infant or child restraints.

The infant or child restraint are applicable only to the standard passenger seat. Any individualization of this seat may restrict correct fitment of the infant or child restraint.

Warning!



Children 12 years old and under must be seated and properly secured in an appropriate infant or child restraint recommended for the size and weight of the child.

The infant or child restraint must be properly secured with the vehicle's seat belt fully in accordance with the child seat manufacturer's instructions.

Occupants, especially children, should never place their bodies or lean their heads in the area of the door where the head-thorax air bag inflates. This could result in serious personal injuries or death should the head-thorax air bag be triggered. Always sit as upright as possible, properly use the seat belt and use an appropriately sized infant restraint, toddler restraint, or booster seat recommended for the size and weight of the child.

Children can be killed or seriously injured by an inflating air bag. Note the following important information when you place a child in the passenger seat:

- Your vehicle is equipped with air bag technology designed to turn off the passenger front air bag and the passenger knee air bag in your vehicle when the OCS senses the weight of a typical 12-month-old child or less along with the weight of a standard appropriate child restraint on the passenger seat.

Safety and Security

Occupant safety



- A child in a rear-facing child restraint on the passenger seat will be seriously injured or even killed if the passenger front air bag inflates in a collision which could occur under some circumstances, even with the air bag technology installed in your vehicle.
- If you install a rear-facing child restraint on the passenger seat, make sure that the PASSENGER AIR BAG OFF indicator lamp is illuminated, indicating that the passenger front air bag and the passenger knee air bag are deactivated. Should the PASSENGER AIR BAG OFF indicator lamp not illuminate or go out while the restraint is installed, please check installation. Periodically check the PASSENGER AIR BAG OFF indicator lamp while driving to make sure the PASSENGER AIR BAG OFF indicator lamp is illuminated. If the PASSENGER AIR BAG OFF indicator lamp goes out or remains out, do not transport a child on the passenger seat until the system has been repaired. A child in a rear-facing child

restraint on the passenger seat will be seriously injured or even killed if the passenger front air bag and/or the passenger knee air bag inflate.

- If you place a child in a forward-facing child restraint on the passenger seat, move the seat as far back as possible, use the proper child restraint recommended for the age, size and weight of the child, and secure child restraint with the vehicle's seat belt according to the child seat manufacturer's instructions. For children larger than the typical 12-month-old child, the passenger front air bag may or may not be activated (▷ page 68).

Warning!



Infants and small children should never share a seat belt with another occupant. During an accident, they could be crushed between the occupant and seat belt.

A child's risk of serious or fatal injuries is significantly increased if the child restraints are not properly secured in the vehicle and/or the child is not properly secured in the child restraint.

Warning!



Children too big for a toddler restraint must ride in seats using regular seat belts. Position the shoulder belt across chest and shoulder, not face or neck. A booster seat may be necessary to achieve proper seat belt positioning for children over 41 lb until they reach a height where a lap/shoulder belt fits properly without a booster.

When the child restraint is not in use, remove it from the vehicle or secure it with the seat belt to prevent the child restraint from becoming a projectile in the event of an accident.

Do not leave children unattended in the vehicle, even if the children are secured in a child restraint system. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.

Installation of infant and child restraint systems

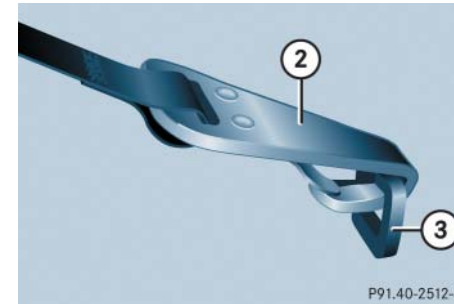
This vehicle is equipped with a tether anchorage for a top tether strap behind the passenger seat.



① Cover of anchorage ring

- ▶ To have better access to the anchorage ring, move the passenger seat forward (▷ page 42).
- ▶ Remove cover ① in direction of the arrow from anchorage ring ③.

- ▶ Guide tether strap according to the child restraint manufacturer's instructions.
- ▶ Make sure the tether strap is not twisted.



② Hook

③ Anchorage ring

- ▶ Securely fasten hook ②, which is part of the tether strap, to anchorage ring ③.
- ▶ For safety, make sure the hook has attached to the ring beyond the safety catch, as illustrated. ▷▷

Safety and Security

Occupant safety

- ▷▷▶ Move the passenger seat as far as possible rearward.

Once the top tether anchorage hook is attached, the child restraint itself can be secured.

- ▶ Properly secure the child restraint using the passenger seat lap/shoulder belt (▷ page 76) and tether anchorage for top tether strap, fully in accordance with the child restraint manufacturer's instructions.
- ▶ Tighten the top tether strap according to the child restraint manufacturer's instructions.
- ▶ Reinstall cover ① after removing the tether strap.

▼ Panic alarm



① PANIC button

i USA only:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and*
- (2) this device must accept any interference received, including interference that may cause undesired operation.*

Any unauthorized modification to this device could void the user's authority to operate the equipment.

i Canada only:

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

- (1) This device may not cause interference, and*
- (2) this device must accept any interference received, including interference that may cause undesired operation of the device.*

Any unauthorized modification to this device could void the user's authority to operate the equipment.

Activating

- ▶ Press and hold button ① for at least 1 second.

An audible alarm and flashing exterior lamps will operate briefly.

Deactivating

- ▶ Press button ① again.

or

- ▶ Insert the SmartKey in starter switch.

Safety and Security

Driving safety systems

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

- ABS (Antilock Brake System)
- BAS (Brake Assist System)
- ESP® (Electronic Stability Program)
- Electro-hydraulic brake system

Warning!



The following factors increase the risk of accidents:

- Excessive speed, especially in turns
- Wet and slippery road surfaces
- Following another vehicle too closely

The driving safety systems described in this section cannot reduce these risks or prevent the natural laws of physics from acting on the vehicle.

Always adapt your driving style to the prevailing road and weather conditions and keep a safe distance to other road users and objects on the street.

i In winter operation, the maximum effectiveness of the ABS, the BAS, the ESP®, and the electro-hydraulic brake system is only achieved with winter tires (▷ page 292) or snow chains as required.

ABS

Warning!




Do not pump the brake pedal. Use firm, steady brake pedal pressure instead. Pumping the brake pedal defeats the purpose of the ABS and significantly reduces braking effectiveness.


The Antilock Brake System (ABS) regulates the brake pressure so that the wheels do not lock during braking. This allows you to maintain the ability to steer your vehicle.

The ABS is functional above a speed of approximately 5 mph (8 km/h) independent of road surface conditions.

On slippery road surfaces, the ABS will respond even to light brake pressure.


The  indicator lamp in the instrument cluster comes on when you switch on the ignition. It goes out when the engine is running.

Braking

If the ABS activates during braking, the ABS/ESP[®] warning lamp  in the instrument cluster dial flashes. Because of the electro-hydraulic brake system, you will not feel any pulsation in the brake pedal.

- ▶ Keep firm and steady pressure on the brake pedal.

Continuous, steady brake pedal pressure yields the advantages provided by the ABS, namely braking power and the ability to steer the vehicle.

The ABS/ESP[®] warning lamp  flashes whenever the ABS is activated which can be an indication of hazardous road conditions and functions as a reminder to take extra care while driving.

Emergency brake maneuver

- ▶ Keep continuous, full pressure on the brake pedal.

Warning!



When the ABS is malfunctioning, the BAS and the ESP[®] are also switched off.

When the ABS is malfunctioning, the wheels may lock during hard braking, reducing steering capability and extending the braking distance.

Warning!



The ABS cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase braking or steering efficiency beyond that afforded by the condition of the vehicle brakes and tires or the traction. The ABS cannot prevent accidents, including those resulting from excessive speed in turns, following another vehicle too closely, or hydroplaning. Only a safe, attentive, and skillful driver can prevent accidents. The capabilities of an ABS equipped vehicle must never be exploited in a reckless or dangerous manner which could jeopardize the user's safety or the safety of others.

For more information, see the "Practical hints" section (▷ page 306).

Safety and Security

Driving safety systems

BAS

The Brake Assist System (BAS) operates in emergency situations. If you apply the brakes very quickly, the BAS automatically provides full brake boost, thereby potentially reducing the braking distance.

- ▶ Apply continuous full braking pressure until the emergency braking situation is over.

The ABS will prevent the wheels from locking.

When you release the brake pedal the brakes function again as normal. The BAS is then deactivated.

Warning!



If the BAS is malfunctioning, the brake system is still functioning normally, but without the additional brake boost available that BAS would normally provide in an emergency braking maneuver. Therefore, the braking distance may increase.

Warning!





BAS cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase braking efficiency beyond that afforded by the condition of the vehicle brakes and tires or the traction. The BAS cannot prevent accidents, including those resulting from excessive speed in turns, following another vehicle too closely, or hydroplaning. Only a safe, attentive, and skillful driver can prevent accidents. The capabilities of a BAS equipped vehicle must never be exploited in a reckless or dangerous manner which could jeopardize the user's safety or the safety of others.

ESP®

The Electronic Stability Program (ESP®) is operational as soon as the engine is running and monitors the vehicle's traction (force of adhesive friction between the tires and the road surface) and handling.

The ESP® recognizes when a wheel is spinning or if the vehicle starts to skid. By applying brakes to the appropriate wheel and by limiting the engine output, the ESP® works to stabilize the vehicle. The ESP® is especially useful while driving off and on wet or slippery road surfaces. The ESP® also stabilizes the vehicle during braking and steering maneuvers.

The ABS/ESP® warning lamp  in the instrument cluster comes on when you switch on the ignition. It goes out when the engine is running.


The ABS/ESP® warning lamp  in the instrument cluster flashes when the ESP® is engaged.

Safety and Security

Driving safety systems

Warning!



Never switch off the ESP[®] when you see the ABS/ESP[®] warning lamp  flashing in the instrument cluster. In this case proceed as follows:

- While driving off, apply as little throttle as possible.
- While driving, ease up on the accelerator.
- Adapt your speed and driving style to the prevailing road conditions.

Failure to observe these guidelines could cause the vehicle to skid.

The ESP[®] cannot prevent accidents resulting from excessive speed.

Warning!



The ESP[®] cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase the traction afforded. The ESP[®] cannot prevent accidents, including those resulting from excessive speed in turns, or hydroplaning. Only a safe, attentive, and skillful driver can prevent accidents. The capabilities of an ESP[®] equipped vehicle must never be exploited in a reckless or dangerous manner which could jeopardize the user's safety or the safety of others.

! Because the ESP[®] operates automatically, the engine must be shut off (SmartKey in starter switch position **0** or **1**) when the parking brake is being tested on a brake test dynamometer.

Active braking action through the ESP[®] may otherwise seriously damage the brake system which is not covered by the Mercedes-Benz Limited Warranty.

The ESP[®] will only function properly if you use wheels of the recommended tire size (▷ page 385).

For more information, see the "Practical hints" section (▷ page 304).

Safety and Security

Driving safety systems

Electronic traction system

The electronic traction system is a component of ESP®.

The electronic traction system improves the vehicle's ability to utilize available traction, especially under slippery road conditions by applying the brakes to a spinning wheel.

When you switch off the ESP®, the electronic traction system is still enabled.

Warning!



If you are driving too fast, the electronic traction system cannot reduce the risk of an accident.

The electronic traction system cannot prevent the natural laws of physics from acting on the vehicle.

Switching off the ESP®

Warning!



The ESP® should not be switched off during normal driving other than in the circumstances described below. Disabling of the system will reduce vehicle stability in standard driving maneuvers.

To improve the vehicle's traction, turn off the ESP® in driving situations where it would be advantageous to have the drive wheels spin and thus cut into surfaces for better grip such as:

- when driving off with snow chains
- in deep snow
- in sand or gravel


Warning!



Switch on the ESP® immediately if the aforementioned circumstances do not apply anymore. Otherwise the ESP® will not stabilize the vehicle when it is starting to skid or a wheel is spinning.

When you switch off the ESP®

- the ESP® does not stabilize the vehicle
- the engine output is not limited, which allows the drive wheels to spin and thus cut into surfaces for better grip
- the electronic traction system will still apply the brakes to a spinning wheel
- the ESP® continues to operate when you are braking


i When the ESP® is switched off and one or more drive wheels are spinning, the ABS/ESP® warning lamp  in the instrument cluster flashes. However, the ESP® will then not stabilize the vehicle.

The switch is located on the lower part of the center console.



① ESP® switch


- ▶ Press ESP® switch ①.

The ABS/ESP® warning lamp  in the instrument cluster comes on.

The ESP® is deactivated.

Warning!




When the ABS/ESP® warning lamp  is illuminated continuously, the ESP® is switched off or is not operational due to a malfunction. Vehicle stability in standard driving maneuvers reduces.

Adapt your speed and driving to the prevailing road conditions and to the non-operating status of the ESP®.

! *Avoid spinning of a drive wheel for an extended period with the ESP® switched off. This may cause serious damage to the drivetrain which is not covered by the Mercedes-Benz Limited Warranty.*

Switching on the ESP®

- ▶ Press ESP® switch ①.

The ABS/ESP® warning lamp  in the instrument cluster goes out.



You are now again in normal driving mode with the ESP® switched on.

Electro-hydraulic brake system

The electro-hydraulic brake system combines a hydraulic brake circuit with electronically controlled brake servo assistance. You have increased braking safety and improved braking comfort.

Warning!



Never ignore a brake malfunction indicated in the speedometer display, for example by the  (USA only) or  (Canada only) warning lamp. Refer to the “Practical hints” section (▷ page 307). Also read and observe the messages in the instrument cluster multifunction display (▷ page 334).

Safety and Security

Driving safety systems

Warning!



The electro-hydraulic brake system requires electrical power to operate.

A malfunction in the vehicle's power supply or electrical system may impair brake system operation and switch it into its emergency operation mode. In such a case, the red brake warning lamp (▷ page 307) comes on and warning messages (▷ page 334) appear in the multifunction display while driving. To brake, the driver must then apply significantly greater brake pedal pressure and depress the pedal much further to obtain the expected braking effect. If necessary, apply full pressure to the brake pedal. Stopping distance is increased!

If there is a malfunction in the electro-hydraulic brake system, we recommend that the vehicle be transported with all wheels off the ground using flatbed or appropriate wheel lift/dolly equipment.

A tow bar must be used if circumstances do not permit the use of the recommended towing methods and the vehicle requires towing with all four wheels on the ground. Towing the vehicle with all four wheels on the ground is only permissible for distances up to 30 miles (50 km) and at a speed not to exceed 30 mph (50 km/h). For more information, see "Towing the vehicle" (▷ page 373).

The electro-hydraulic brake system is automatically activated when you

- unlock the vehicle with the SmartKey
- open the driver's or passenger door
- turn the SmartKey in the starter switch to position **1**
- depress the brake pedal
- release the parking brake

i If the electro-hydraulic brake system is activated as the brake pedal is first depressed, you may feel a reduced pedal resistance and longer pedal travel than normal. When releasing the pedal, you may also feel the brake pedal pulsate and you may hear a sound which is caused by the activation of the electro-hydraulic brake system pump. This is normal and not an indication of a malfunction. Pedal travel returns to normal when you release the brake pedal and the sound soon ceases.

If you experience the above while driving and the red brake warning lamp (▷ page 307) illuminates and/or warning messages appear in the multifunction display (▷ page 334), the brake system is malfunctioning. Follow the instructions of the warning message(s) and have the brake system checked immediately.

Safety and Security

Driving safety systems

Warning!



Have brake pad replacement and other work on the electro-hydraulic brake system carried out by qualified technicians only. Contact an authorized Mercedes-Benz Center for further information. The electro-hydraulic brake system must be deactivated prior to working on the system. High pressure is intermittently built up in the system as part of its automatic self-test. In addition, the system is automatically activated when the vehicle is unlocked by remote control, when the driver or passenger door is opened, when the SmartKey in the starter switch is turned to position **1**, when the brake pedal is depressed or when the parking brake is released. Failure to deactivate the system prior to maintenance will cause brake pistons to extend and brake fluid to leak, which may result in injuries (contusions and acid burns). Extended brake pistons may also cause injury.

The electro-hydraulic brake servo assistance switches off automatically

- approximately 2 minutes after you turned the SmartKey in the starter switch to position **0** or removed the SmartKey
- approximately 20 seconds after you locked the vehicle from the outside

Notes on driving with the electro-hydraulic brake system

- Following extended periods of only minor loads to your brake system, you should occasionally apply the brakes when traveling at high speeds. This improves the grip of the brake pads and prevents possible brake noise.
- After driving on wet or snow-covered roads, you should apply your brakes firmly before parking your vehicle. This produces heat which serves to dry the brake disks.

Warning!



Make sure not to endanger any other road users when carrying out these braking maneuvers.

- On long and steep grades, shift to a lower gear (gear range **1**, **2**, or **3**) to prevent the brakes from overheating and to reduce brake wear. If you need to brake, do not keep the brake pedal depressed, instead depress it repeatedly in short intervals.
- After hard braking, it is advisable to drive on for some time so that the air stream will cool down the brakes faster.
- Only Mercedes-Benz approved components (e.g. brake pads) should be installed on your vehicle. Brake pads not approved by Mercedes-Benz may impair the safety of your vehicle.

Safety and Security

Performance enhancement system

Airbrake

The Airbrake enhances the vehicle's driving stability. It adapts the aerodynamics of the vehicle to the driving conditions according to the speed and the mode set.

This is achieved using a moveable spoiler.

The Airbrake is located at the rear edge of the trunk lid.

Warning!



When operating the Airbrake, make sure there is no danger of anyone being harmed by the Airbrake operation (i.e. raising and lowering of flap). Be especially careful when small children are around.

Warning!



The following factors increase the risk of accidents:

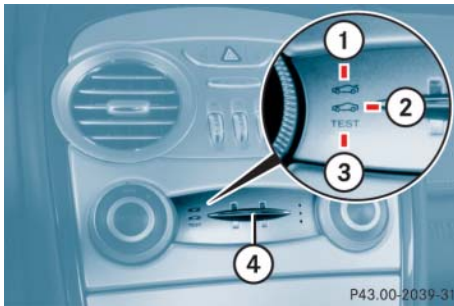
- Excessive speed, especially in turns
- Wet and slippery road surfaces
- Following another vehicle too closely

The Airbrake cannot reduce this risk.

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

i In winter operation, the maximum effectiveness of the Airbrake is only achieved with winter tires (M+S tires) or snow chains as required.

The Airbrake switch is on the upper part of the center console.



Airbrake modes

- ① Manual
- ② Automatic
- ③ Test
- ④ Airbrake switch

- ▶ Switch on the ignition (▷ page 40).

The system runs a self-test to ensure correct operation of the Airbrake.

Test mode

The test mode allows you to check that the Airbrake is functioning correctly.

This mode can only be activated when the vehicle is at standstill.

- ▶ Slide Airbrake switch ④ to position ③.

The Airbrake swivels upwards to an angle of 65°.

- ▶ Release the Airbrake switch.

The Airbrake returns to its initial position.

Manual mode

In this mode, the Airbrake is set to an angle of 30° (Mercedes-Benz SLR McLaren Roadster 722 S: 35°). The driver down-force mode enhances stability while reducing agility.

- ▶ Slide the Airbrake switch ④ to position ①.

The Airbrake swivels upwards to an angle of 30° (Mercedes-Benz SLR McLaren Roadster 722 S: 35°) and stays in this position.

! Before deactivating manual mode, check the Airbrake for any objects which may have become lodged, e.g. branches or leaves, and remove them.

Otherwise the Airbrake can no longer function correctly.

Safety and Security

Performance enhancement system

Automatic mode

This mode should be used for normal driving conditions.

- ▶ Slide the Airbrake switch ④ to position ②.

With the ignition switched on, the Airbrake swivels upwards to an angle of 5° and then returns to its initial position.

When the vehicle exceeds a speed of 60 mph (95 km/h), the Airbrake wing swivels up to an angle of 10°.

Rapid braking

During hard braking at a speed of more than 60 mph (95 km/h), the Airbrake automatically swivels up to an angle of 65°.

This allows you to achieve the best possible braking performance in an emergency.

This function is only available in manual and automatic mode.

Warning!



Hard braking activates the Airbrake which may block the view through the interior rear view mirror. In this case, monitor the traffic behind you through the exterior rear view mirrors.

▼ Anti-theft systems

Immobilizer

The immobilizer prevents unauthorized persons from starting your vehicle.

When leaving the vehicle, always take the SmartKey with you and lock the vehicle. The engine can be started by anyone with a valid SmartKey that is left inside the vehicle.

Activating

- ▶ Remove the SmartKey from the starter switch.

Deactivating

- ▶ Switch on the ignition (▷ page 40).

i *In case the engine cannot be started (yet the vehicle's battery is charged), the system is not operational. Contact an authorized Mercedes-Benz Center or call 1-800-FOR-MERcedes (in the USA), or 1-800-387-0100 (in Canada).*

Anti-theft alarm system

Once the alarm system has been armed, a visual and audible alarm is triggered when someone opens

- a door
- the trunk
- the hood
- the storage compartment between the backrests
- the storage compartment under the armrest

The alarm will stay on, even if the activating element (a door, for example) is immediately closed.

The alarm system will also be triggered when

- someone attempts to raise the vehicle
- someone opens a door from the inside if the vehicle was locked with the SmartKey
- someone opens the trunk with the emergency release button

i *If the alarm stays on for more than 30 seconds, a call to the Response Center is initiated automatically by the Tele Aid system (▷ page 215) provided Tele Aid service was subscribed to and properly activated, and that necessary cellular service and GPS coverage are available.*

Safety and Security

Anti-theft systems

Arming the alarm system

- ▶ Lock the vehicle with the SmartKey.
The turn signal lamps flash three times to indicate that the alarm system is activated. The indicator lamp in the central locking switch (▷ page 105) begins to flash after arming the alarm system.

i *If the turn signal lamps do not flash three times, a door or the trunk may not be properly closed.*

Close the respective element and lock the vehicle again.

Disarming the alarm system

- ▶ Unlock your vehicle with the SmartKey.
The turn signal lamps flash once to indicate that the alarm system is disarmed.

i *The alarm system will rearm automatically after approximately 40 seconds if neither a door nor the trunk lid was opened.*

Canceling the alarm

To cancel the alarm:

- ▶ Press button  or  on the SmartKey.

or

- ▶ Insert the SmartKey in the starter switch.

Tow-away alarm

Once the tow-away alarm is armed, a visual and audible alarm will be triggered when someone attempts to raise the vehicle.

i The tow-away protection alarm is triggered, for example, if the vehicle is lifted on one side.

If the alarm stays on for more than 30 seconds, a call to the Response Center is initiated automatically by the Tele Aid system (▷ page 221) provided Tele Aid service was subscribed to and properly activated, and that necessary cellular service and GPS coverage are available.

Arming tow-away alarm

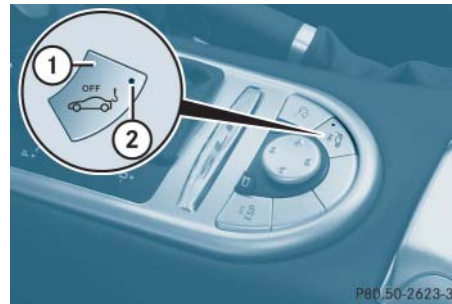
- ▶ Lock your vehicle with the SmartKey.
The tow-away alarm is automatically armed after about 30 seconds.

i When you unlock your vehicle, the tow-away protection disarms automatically. The tow-away alarm remains disarmed until you lock the vehicle again.

Disarming tow-away alarm

To prevent triggering the tow-away alarm, switch off the tow-away alarm feature before towing the vehicle, or when parking on a surface subject to movement, such as a ferry or auto train.

The button is located on the lower part of the center console.



- ① Tow-away alarm off button
- ② Indicator lamp

- ▶ Switch off the ignition and remove the SmartKey.

i You cannot disarm the tow-away alarm while the ignition is switched on.

- ▶ Press button ①.

Indicator lamp ② in button ① comes on briefly.

- ▶ Exit and lock your vehicle with the SmartKey.

The tow-away alarm remains disarmed until you lock your vehicle again.

Canceling the alarm

To cancel the alarm:

- ▶ Press button  or  on the SmartKey.

or

- ▶ Insert the SmartKey in the starter switch.



Controls in detail

Locking and unlocking

Lighting

Instrument cluster

Control system

Audio system

Automatic transmission

Good visibility

Automatic climate control

Open air

Driving systems

Useful features



Controls in detail

Locking and unlocking

In the “Controls in detail” section you will find detailed information on how to operate the equipment installed on your vehicle. If you are already familiar with the basic functions of your vehicle, this section will be of particular interest to you.

To quickly familiarize yourself with the basic functions of the vehicle, refer to the “Getting started” section of this manual. The corresponding page numbers are given at the beginning of each segment.

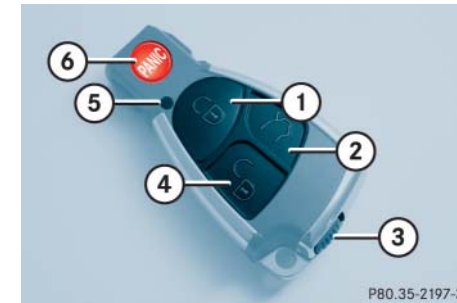
SmartKey

Your vehicle comes supplied with two SmartKeys, each with remote control and a removable mechanical key.

The SmartKey provides an extended operating range. To prevent theft, however, it is advisable to only unlock the vehicle when you are in close proximity to it.





The SmartKey centrally locks and unlocks:

- the doors
- the trunk
- the fuel filler flap
- the storage compartment between the backrests
- the storage compartment under the armrest



P80.35-2197-31

SmartKey with remote control

- ①  Lock button
- ②  Unlock button for trunk
- ③ Mechanical key locking tab
- ④  Unlock button
- ⑤ Battery check lamp
- ⑥  PANIC Panic button

! To prevent possible malfunction, avoid exposing the SmartKey to high levels of electromagnetic radiation.

i When you unlock the vehicle, the electro-hydraulic brake system is activated.

Warning!



When leaving the vehicle, always remove the SmartKey from the starter switch, take it with you, and lock the vehicle. Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. It is possible for children to open a locked door from the inside, which could result in an accident and/or serious personal injury.

i USA only:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and*
- (2) this device must accept any interference received, including interference that may cause undesired operation.*

Any unauthorized modification to this device could void the user's authority to operate the equipment.

i Canada only:

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

- (1) This device may not cause interference, and*
- (2) this device must accept any interference received, including interference that may cause undesired operation of the device.*

Any unauthorized modification to this device could void the user's authority to operate the equipment.

! *If you cannot lock or unlock the vehicle with the SmartKey, then the batteries in the SmartKey are discharged, the SmartKey is malfunctioning or the vehicle battery is drained.*

- *Check the batteries in the SmartKey (▷ page 100) and replace them if necessary (▷ page 359).*
- *Use the mechanical key to unlock the vehicle (▷ page 357).*
- *Have the vehicle battery and the battery connections checked. Contact an authorized Mercedes-Benz Center.*

If the SmartKey is malfunctioning, contact Roadside Assistance or an authorized Mercedes-Benz Center.

Factory setting

Global unlocking

- ▶ Press button

All turn signal lamps flash once. The anti-theft alarm system is disarmed.


The vehicle will lock again automatically and rearm the anti-theft alarm system within approximately 40 seconds of unlocking if:

- neither door nor trunk is opened
- the SmartKey is not inserted in the starter switch
- the central locking switch is not activated

Controls in detail


Locking and unlocking




Global locking

- ▶ Press button .


With the trunk and all doors closed, all turn signal lamps flash three times. The anti-theft alarm system is armed.

Selective setting


If you frequently travel alone, you may wish to reprogram the SmartKey so that pressing  only unlocks the driver's door, interior storage compartments and the fuel filler flap.

- ▶ Press and hold buttons  and  simultaneously for about 6 seconds until battery check lamp  flashes twice. The SmartKey will then function as follows:


Unlocking driver's door and fuel filler flap

- ▶ Press button  once. All turn signal lamps flash once. The anti-theft alarm system is disarmed.




Global unlocking

- ▶ Press button  twice. All turn signal lamps flash once. The anti-theft alarm system is disarmed.

Global locking

- ▶ Press button . With the trunk and all doors closed, all turn signal lamps flash three times. The anti-theft alarm system is armed.


Restoring to factory setting

- ▶ Press and hold buttons  and  simultaneously for about 6 seconds until battery check lamp  (▷ page 98) flashes twice.



Unlocking and opening the trunk


You can unlock the trunk separately.



A minimum height clearance of 5.5 ft (1.66 m) is required to open the trunk lid.

- ▶ Press and hold button  until the trunk lid unlocks and opens slightly.

Checking the batteries




- ▶ Press button  or .

Battery check lamp  (▷ page 98) comes on briefly to indicate that the SmartKey batteries are in order.

 If battery check lamp  does not come on briefly during check, then the SmartKey batteries are discharged.

Replace the batteries (▷ page 359).

You can obtain the required batteries at any authorized Mercedes-Benz Center.

 If the batteries are checked within signal range of the vehicle, pressing button  or  will lock or unlock the vehicle accordingly.

Loss of SmartKey or mechanical key

If you lose a SmartKey or mechanical key, you should do the following:

- ▶ Have the SmartKey deactivated by an authorized Mercedes-Benz Center.
- ▶ Report the loss of the SmartKey or the mechanical key immediately to your car insurance company.
- ▶ If necessary, have the trunk lock replaced.

Any authorized Mercedes-Benz Center will be glad to supply you with a replacement.

Opening the doors

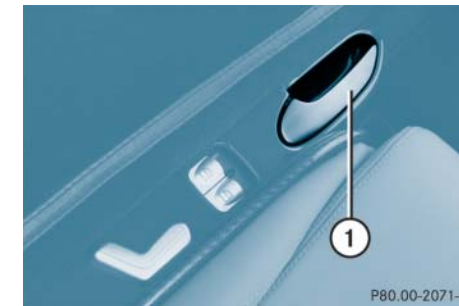
! *Ensure sufficient side- and overhead clearance prior to opening the doors, see "Main dimensions" (▷ page 391).*

Opening from the outside

For information on opening the doors from the outside, see "Getting started" (▷ page 39).

Opening from the inside

You can open a locked door from the inside. Open the door only if the vehicle is stationary and when conditions are safe to do so.



① Inside door handle

- ▶ Pull on door handle ①.

The door swings outwards and upwards automatically.

Opening a door causes the door windows on that side of the vehicle to open slightly. They will return to the up position when the door is closed.



Controls in detail

Locking and unlocking

! The door windows will not open or close if the battery is discharged or the door windows are impeded by ice. In this case open or close the door with increased caution. Do not attempt to force the door opened or closed. Doing so may damage the door seals or the side window.

i If the vehicle has previously been locked with the SmartKey, opening a door from the inside will trigger the anti-theft alarm system.

To cancel the alarm, do one of the following:

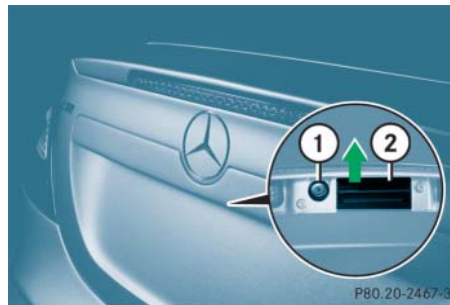
- Press button  or  on the SmartKey.
- Insert the SmartKey in the starter switch.

Opening the trunk

Opening the trunk from the outside

A minimum height clearance of 5.5 ft (1.66 m) is required to open the trunk lid.

The handle is located above the rear license plate recess.




① Trunk lock

② Handle

The vehicle must be unlocked.

! Always make sure that there is sufficient overhead clearance.

- ▶ Pull on handle ② and lift the trunk lid.

The trunk can also be opened using button  on the SmartKey or from its inside in an emergency, see “Trunk emergency release” (> page 104).

Opening the trunk from the inside

You can open the trunk from the inside if the vehicle is stationary.

A minimum height clearance of 5.5 ft (1.66 m) is required to open the trunk lid.

Controls in detail

Locking and unlocking


The switch is located on the lower part of the center console.



① Remote trunk opening switch

! Always make sure that there is sufficient overhead clearance.

- ▶ Press switch ① until the trunk lid unlocks and opens slightly.
- ▶ Lift the trunk lid.

The trunk can also be opened using button  on the SmartKey or from its inside in an emergency, see “Trunk emergency release” (▷ page 104).

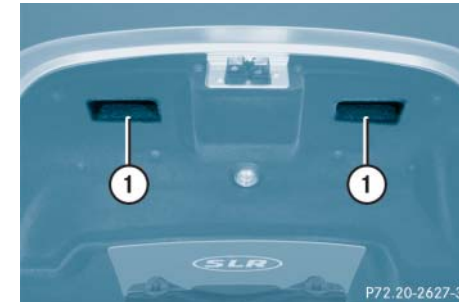
Closing the trunk lid

Warning!



To prevent possible personal injury, always keep hands and fingers away from the trunk opening when closing the trunk lid. Be especially careful when small children are around.

Make sure the trunk is closed when the engine is running and while driving. Among other dangers, such as blocked visibility, exhaust fumes may enter the vehicle interior. These fumes are damaging to your health.



① Handle

- ▶ Lower trunk lid by firmly pulling on handle ①.

! Do not pull on the Airbrake or the wind screen. Otherwise the Airbrake, the wind screen or the trim panel could be damaged.

i Do not place the SmartKey in the open trunk. You may lock yourself out.

If the vehicle was previously centrally locked, the trunk lid will lock automatically after closing it. All turn signals will flash three times to confirm locking.

Controls in detail

Locking and unlocking

Trunk emergency release

The emergency release button is located on the inside of the trunk lid.

With the emergency release button, the trunk can be opened from inside the trunk.



Emergency release button

- ▶ Briefly press emergency release button.

The trunk unlocks and the trunk lid opens slightly.

- ▶ Push up the trunk lid to fully open.

The emergency release button unlocks the trunk while the vehicle is standing still or in motion.



Illumination of the emergency release button:

- The button will flash for 30 minutes after opening the trunk.
- The button will flash for 60 minutes after closing the trunk.

The emergency release button does not open the trunk lid if the vehicle battery is discharged or disconnected.

i *If the vehicle has previously been locked from the outside with the SmartKey, opening the trunk from the inside using the emergency release button will trigger the anti-theft alarm system.*

To cancel the alarm, do one of the following:

- Press button  or  on the SmartKey.
- Insert the SmartKey in the starter switch.

Automatic locking

The doors and the trunk lock automatically when the vehicle is set into motion.

You can open a locked door from the inside. Open door only when conditions are safe to do so.

The doors unlock automatically after an accident if the force of the impact exceeds a preset threshold.

The vehicle locks automatically when the ignition is switched on and the wheels are turning at vehicle speeds of approximately 9 mph (15 km/h) or more. You could therefore lock yourself out when the vehicle is pushed or is on a test stand.

You can deactivate the automatic locking using the control system (▷ page 139).

Locking and unlocking from the inside

You can lock or unlock the vehicle from inside using the central locking switches. This can be useful, for example, if you want to unlock the passenger door from the inside or want to lock the vehicle before starting to drive.

The central locking switch does not lock or unlock the fuel filler flap and the storage compartments.

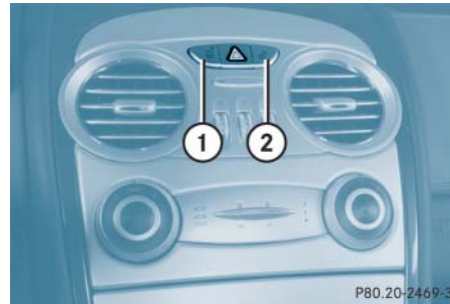
You can open a locked door from the inside. Open door only when conditions are safe to do so.

Warning!



When leaving the vehicle, always remove the SmartKey from the starter switch, take it with you, and lock the vehicle. Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.

The switches are located on the upper part of the center console.



Central locking switches

- ① Locking
- ② Unlocking

Locking

- ▶ Press central locking switch ①.

If all the doors are closed, the vehicle locks.

Unlocking

- ▶ Press central locking switch ②.

The vehicle unlocks.

i If the vehicle was previously centrally locked using the SmartKey, it will not unlock using the central locking switch.

If the vehicle was previously locked with the central locking switch

- while in the global remote control mode, the complete vehicle is unlocked when a door is opened from the inside
- while in the selective remote control mode, only the door opened from the inside is unlocked

Controls in detail

Lighting

For information on how to switch on the headlamps and use the turn signals, see “Switching on headlamps” (▷ page 51) and “Turn signals” (▷ page 51).

i If you drive in countries where vehicles drive on the other side of the road than the country where the vehicle is registered, you must have the headlamps modified for symmetrical low beams. Relevant information can be obtained at any authorized Mercedes-Benz Center.

Exterior lamp switch

The exterior lamp switch is located on the dashboard to the left of the steering wheel.



- 0** Off
Daytime running lamp mode
(▷ page 108)
- AUTO** Automatic headlamp mode
Daytime running lamp mode
(▷ page 108)
- P** Parking lamps (also tail lamps,
license plate lamps, side marker
lamps, instrument panel lamps)

- D** Low-beam headlamps or high-beam
headlamps
- P→** Standing lamps, right
(turn left one stop)
- ←P** Standing lamps, left
(turn left two stops)
- P↔** Indicator lamp for parking lamps
- ☼** Indicator lamp for front fog lamps
- ☼** Indicator lamp for rear fog lamp

i If you hear a warning signal you have forgotten to switch off the low-beam headlamps or the parking lamps before opening the driver's door.

In addition the message **☼ Lights Are Still On** appears in the multifunction display.

Switch off the headlamps or the parking lamps.

If the message **Switch off lights or remove key** appears in the multifunction display, remove the SmartKey from the starter switch or switch off the automatic headlamp mode.

! Failure to switch off the headlamps when leaving the vehicle may result in a discharged battery.

Low-beam headlamps

The low-beam headlamps can be switched on and off with the exterior lamp switch using the manual headlamp mode.

- ▶ Turn the exterior lamp switch to position .

The following lamps switch on:

- Low-beam headlamps
- Tail and parking lamps
- License plate lamps
- Side marker lamps

Automatic headlamp mode


The following lamps switch on and off automatically depending on the brightness of the ambient light:



- Low-beam headlamps
- Tail and parking lamps
- License plate lamps
- Side marker lamps

Warning!



If the exterior lamp switch is set to **AUTO**, the headlamps will not be automatically switched on under foggy conditions.

To minimize risk to you and to others, activate headlamps by turning exterior lamp switch to  when driving or when traffic and/or ambient lighting conditions require you to do so.


In low ambient lighting conditions, only switch from position **AUTO** to  with the vehicle at a standstill in a safe location. Switching from **AUTO** to  will briefly switch off the headlamps. Doing so while driving in low ambient lighting conditions may result in an accident.


The automatic headlamp feature is only an aid to the driver. The driver is responsible for the operation of the vehicle's lights at all times.

- ▶ Turn the exterior lamp switch to position **AUTO**.

With the SmartKey in starter switch position **1**, the tail and parking lamps, the license plate lamps, and the side marker lamps will switch on and off depending on the brightness of the ambient light.

When the engine is running, the low-beam headlamps, the tail and parking lamps, the license plate lamps, and the side marker lamps will switch on and off depending on the brightness of the ambient light.

 *Canada only:*

High-beam headlamps are only available with the exterior lamp switch in position .

Controls in detail

Lighting

Daytime running lamp mode

In Canada the daytime running lamp mode is mandatory and therefore in a constant mode.

In the USA the daytime running lamp mode is deactivated by default. Activate the daytime running lamp mode using the control system, see “Setting daytime running lamp mode (USA only)” (▷ page 135).

- ▶ Turn the exterior lamp switch to position **0** or **AUTO**.

When the engine is running, the low-beam headlamps are switched on.

In low ambient light conditions, the following lamps will switch on additionally:


- Tail and parking lamps
- License plate lamps
- Side marker lamps

i With the daytime running lamp mode activated and the engine running, the low-beam headlamps cannot be switched off manually.

Canada only:


i With the exterior lamp switch in position **0** or **AUTO** you cannot switch on the high-beam headlamps.


The high-beam flasher is available at all times.

For nighttime driving you should turn the exterior lamp switch to position  to permit activation of the high-beam headlamps.

When the engine is running, and you shift from a driving position to neutral position **N** or park position **P** with the vehicle at a standstill, the low-beam headlamps will switch off with a delay of 3 minutes.

When the engine is running, and you


- turn the exterior lamp switch to position , the low-beam headlamps, the tail and parking lamps, the license plate and the side marker lamps switch on.



- turn the exterior lamp switch to position , the manual headlamp mode has priority over the daytime running lamp mode. The corresponding exterior lamps switch on (▷ page 106).

USA only:

i With the daytime running lamp mode activated and the exterior lamp switch in position **0**, you cannot switch on the high-beam headlamps.

The high-beam flasher is available at all times.

*For nighttime driving you should turn the exterior lamp switch to position  or **AUTO** to permit activation of the high-beam headlamps.*

When the engine is running, and you turn the exterior lamp switch to position  or , the manual headlamp mode has priority over the daytime running lamp mode. The corresponding exterior lamps switch on (▷ page 106).



Locator lighting and night security illumination


The locator lighting and the night security illumination are described in the “Control system” section, see “Setting locator lighting” (▷ page 135) and “Setting night security illumination” (▷ page 136).



Fog lamps

Warning!



In low ambient lighting or foggy conditions, only switch from position **AUTO** to  with the vehicle at a standstill in a safe location. Switching from **AUTO** to  will briefly switch off the headlamps. Doing so while driving in low ambient lighting conditions may result in an accident.

 *Fog lamps will operate with the parking lamps and/or the low-beam headlamps on. Fog lamps should only be used in conjunction with low-beam headlamps. Consult your State or Province Motor Vehicle Regulations regarding allowable lamp operation.*


 *Fog lamps cannot be switched on manually with the exterior lamp switch in position **AUTO**. For switching on the fog lamps, turn the exterior lamp switch to position  first.*

Front fog lamps

▶ Turn the exterior lamp switch to position  or  (▷ page 106).


▶ Pull out the exterior lamp switch to first stop.

The front fog lamps switch on.

The green indicator lamp  in the exterior lamp switch comes on (▷ page 106).

▶ Push in the exterior lamp switch.




The front fog lamps switch off.

The green indicator lamp  in the exterior lamp switch goes out.

Controls in detail

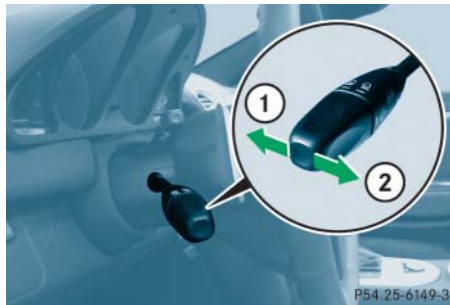
Lighting

Rear fog lamp (driver's side only)

- ▶ Turn the exterior lamp switch to position  (▷ page 106).
- ▶ Pull out the exterior lamp switch to second stop.
The front fog lamps and rear fog lamp switch on.
The yellow indicator lamp  in the exterior lamp switch comes on (▷ page 106).
- ▶ Push in the exterior lamp switch to first stop.
The rear fog lamp switches off.
The yellow indicator lamp  in the exterior lamp switch goes out.
The front fog lamps remain lit.




Combination switch

The combination switch is located on the left of the steering column.



- ① High beam
- ② High-beam flasher

High beam

- ▶ Turn the exterior lamp switch to position  (▷ page 106).
- ▶ Push the combination switch in direction of arrow ① to switch on the high beam.
The high-beam headlamp indicator lamp  in the instrument cluster comes on (▷ page 29).
- ▶ Pull the combination switch in direction of arrow ② to its original position to switch off the high beam.
The high-beam headlamp indicator lamp  in the instrument cluster goes out.

High-beam flasher

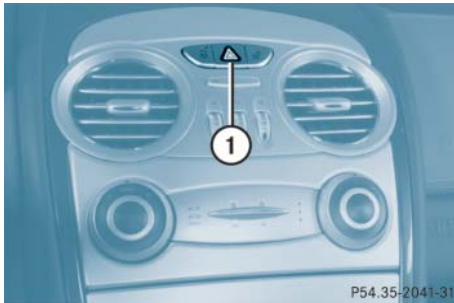
- ▶ Pull the combination switch briefly in direction of arrow ②.

Hazard warning flasher

The hazard warning flasher can be switched on at all times, even with the SmartKey removed from the starter switch.

The hazard warning flasher switches on automatically when an air bag deploys.

The hazard warning flasher switch is located on the upper part of the center console.



① Hazard warning flasher switch

Switching on hazard warning flasher

- ▶ Press hazard warning flasher switch ①.

All turn signals are flashing.

i With the hazard warning flasher activated and the combination switch set for either left or right turn, only the respective turn signals will operate when the ignition is switched on.

Switching off hazard warning flasher

- ▶ Press hazard warning flasher switch ① again.

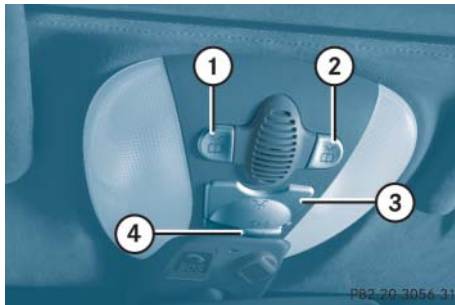
i If the hazard warning flasher has been activated automatically, press hazard warning flasher switch ① once to switch it off.

Controls in detail

Lighting

Interior lighting

The controls are located in the overhead control panel.



- ① Left-hand reading lamp on/off
- ② Right-hand reading lamp on/off
- ③ Interior lighting on/off
- ④ Automatic control on/off

! *An interior lamp switched on manually does not go out automatically.*

Leaving an interior lamp switch in the ON position for extended periods of time with the engine turned off could result in a discharged battery.

Automatic control

i *The interior lighting is factory-set to automatic mode.*

Deactivating

- ▶ Slide switch ④ to the right.

The interior lighting and the entry/exit lamps remain switched off in darkness, even when you

- unlock the vehicle
- open a door
- remove the SmartKey from the starter switch

Activating

- ▶ Slide switch ④ to the left.

Interior lamps switch on in darkness when you

- unlock the vehicle
- open a door
- remove the SmartKey from the starter switch

In addition, the entry/exit lamps in the door come on when you open a door.

The interior lighting switches off automatically following a preset time delay.

For more information, see “Setting interior lighting delayed switch-off” (▷ page 137).

i *If a door remains open, the interior lamps switch off automatically after approximately 5 minutes.*

Manual control

Switching interior lighting on

- ▶ Press switch ③.
The interior lighting switches on.

Switching interior lighting off

- ▶ Press switch ③ again.
The interior lighting switches off.

Reading lamps

The reading lamps are integrated into the interior rear view mirror.

- ▶ Press reading lamp switch ① or ② to switch on the desired reading lamp.
- ▶ Press reading lamp switch ① or ② again to switch off the respective reading lamp.

Courtesy lighting

For better orientation in the dark, courtesy lamps will illuminate the interior of your vehicle in the following ways:

- When you open a door, the driver's and passenger's footwell are illuminated.
- If the SmartKey is in starter switch position 1, the center console will be illuminated.

i The center console is illuminated from the interior rear view mirror.

Trunk lamp

The trunk lamp switches on if the trunk is opened.

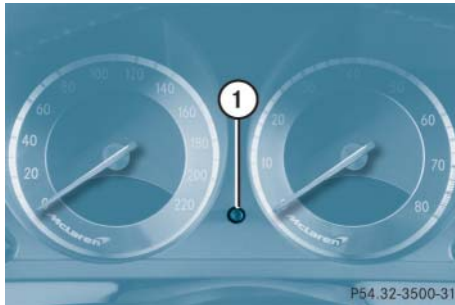
If you leave the trunk open for an extended period of time, the trunk lamp will switch off automatically after approximately 10 minutes.

i The setting selected for the interior lighting is used for the trunk lighting as well.

Controls in detail

Instrument cluster

For a full view illustration of the instrument cluster, see “Instrument cluster” (▷ page 28).



① Reset button

The instrument cluster is activated when you

- open a door
- switch on the ignition
- press the reset button ①
- switch on exterior lamps

Opening a door will activate the instrument cluster only for about 30 seconds.

You can change the instrument cluster settings in the Instrument cluster submenu of the control system (▷ page 132).

Warning!



No messages will be displayed if either the instrument cluster or the multifunction display is inoperative.

As a result, you will not be able to see information about your driving conditions, such as speed or outside temperature, warning/indicator lamps, malfunction/warning messages or the failure of any systems. Driving characteristics may be impaired.

If you must continue to drive, do so with added caution. Visit an authorized Mercedes-Benz Center as soon as possible.

Adjusting instrument cluster illumination

Use the reset button ① to adjust the illumination brightness for the instrument cluster and the switches on the center console.

i The instrument cluster illumination is dimmed or brightened to suit ambient light conditions.

To brighten illumination

- ▶ Turn the reset button ① clockwise.
The instrument cluster illumination will brighten.

To dim illumination

- ▶ Turn the reset button ① counterclockwise.
The instrument cluster illumination will dim.

Coolant temperature gauge

Warning!



- Driving when your engine is overheated can cause some fluids which may have leaked into the engine compartment to catch fire. You could be seriously burned.
- Steam from an overheated engine can cause serious burns which can occur just by opening the hood. Stay away from the engine if you see or hear steam coming from it.






Stop the vehicle in a safe location away from other traffic. Turn off the engine, get out of the vehicle and do not stand near the vehicle until the engine has cooled down.

! Excessive coolant temperature triggers the coolant temperature warning lamp (▷ page 310) and a warning in the multifunction display (▷ page 340).

The engine should not be operated with the coolant temperature above 248 °F (120 °C). Doing so may cause serious engine damage which is not covered by the Mercedes-Benz Limited Warranty.

i During severe operating conditions, e.g. stop-and-go traffic, the coolant temperature may rise close to 248 °F (120 °C).

Resetting trip odometer

- ▶ Press button  or  repeatedly until you see the standard display in the multifunction display (▷ page 117).
- ▶ Press button  or  until the trip odometer appears in the right multifunction display.
- ▶ Press and hold the reset button  (▷ page 114) until the trip odometer is reset.

Controls in detail

Instrument cluster

Tachometer

The red marking on the tachometer (▷ page 29) denotes excessive engine speed.

! *Avoid driving at excessive engine speeds, as it may result in serious engine damage that is not covered by the Mercedes-Benz Limited Warranty.*

To help protect the engine, the fuel supply is interrupted if the engine is operated within the red marking.

Outside temperature indicator

Warning!



The outside temperature indicator is not designed to serve as an ice-warning device and is therefore unsuitable for that purpose.

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.

The outside temperature is displayed in the left or right multifunction display (▷ page 117), depending on the setting for the standard display (▷ page 132).

The temperature sensor is located in the front bumper area. Due to its location, the sensor can be affected by road or engine heat during idling or slow driving. Therefore, the accuracy of the displayed temperature can only be verified by comparison to a thermometer placed next to the sensor, not by comparison to external displays, e.g. bank signs, etc.

When moving the vehicle into colder ambient temperatures (e.g. when leaving your garage), you will notice a delay before the lower temperature is displayed.

A delay also occurs when ambient temperatures rise. This prevents inaccurate temperature indications caused by heat radiated from the engine during idling or slow driving.

▼ Control system

The control system is activated as soon as the SmartKey in the starter switch is turned to position **1**. The control system enables you to call up information about your vehicle and to change vehicle settings.

For example, you can use the control system to find out when your vehicle is next due for service, to set the language for messages in the instrument cluster display, and much more.

Warning!



A driver's attention to the road and traffic conditions must always be his/her primary focus when driving.

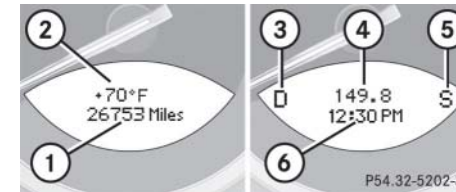
For your safety and the safety of others, selecting features through the multifunction steering wheel should only be done by the driver when traffic and road conditions permit it to be done safely.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

The control system relays information to the multifunction display.

Multifunction display

The multifunction display consists of the display fields in the speedometer and the tachometer. In its default state, the left display field shows the outside temperature and main odometer, while the trip odometer and the clock appears in the right display field. This default setting is referred to as the standard display.



Standard display

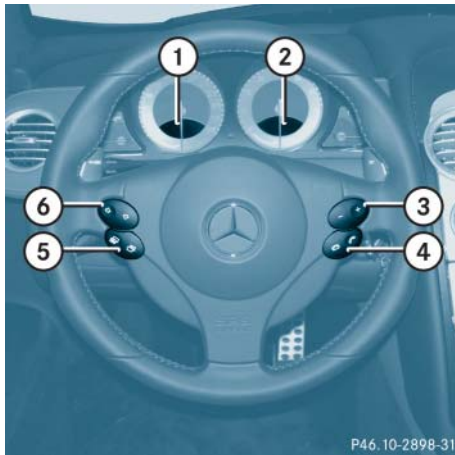
- ① Main odometer
- ② Outside temperature or speed
- ③ Current gear selector lever position/gear range
- ④ Trip odometer
- ⑤ Automatic transmission shift program mode
- ⑥ Clock

Controls in detail

Control system

Multifunction steering wheel

The displays in the multifunction display and the settings in the control system are controlled by the buttons on the multifunction steering wheel (▷ page 30).



① Left multifunction display in the speedometer

② Right multifunction display in the tachometer


Operating the control system


③ Selecting the submenu or setting the volume:
Press button

+ up/to increase


- down/to decrease


④ Telephone:
Press button

 to take a call
to dial
to redial


 to end a call
to reject an incoming call


⑤ Menu systems:
Press button

 for next menu

 for previous menu

⑥ Moving within a menu:
Press button

 for next display





 for previous display

Depending on the selected menu, pressing the buttons on the multifunction steering wheel will alter what appears in the multifunction display.

The information available in the multifunction display are arranged in menus and accompanying functions or submenus.

The individual functions are then found within the relevant menu (radio or CD operations under **AUDI O**, for example). These functions serve to call up relevant information or to customize the settings for your vehicle.

It is helpful to think of the menus, and the functions within each menu, as being arranged in a circular pattern.

- If you press button  or  repeatedly, you will pass through each menu one after the other.
- If you press button  or  repeatedly, you will pass through each function display, one after the other, in the current menu.

In the **Settings** menu, instead of functions you will find a number of submenus for calling up and changing settings. For instructions on using these submenus, see “Settings menu” (▷ page 129).

The number of menus available in the system depends on which optional equipment is installed in your vehicle.

The menus are described on the following pages.

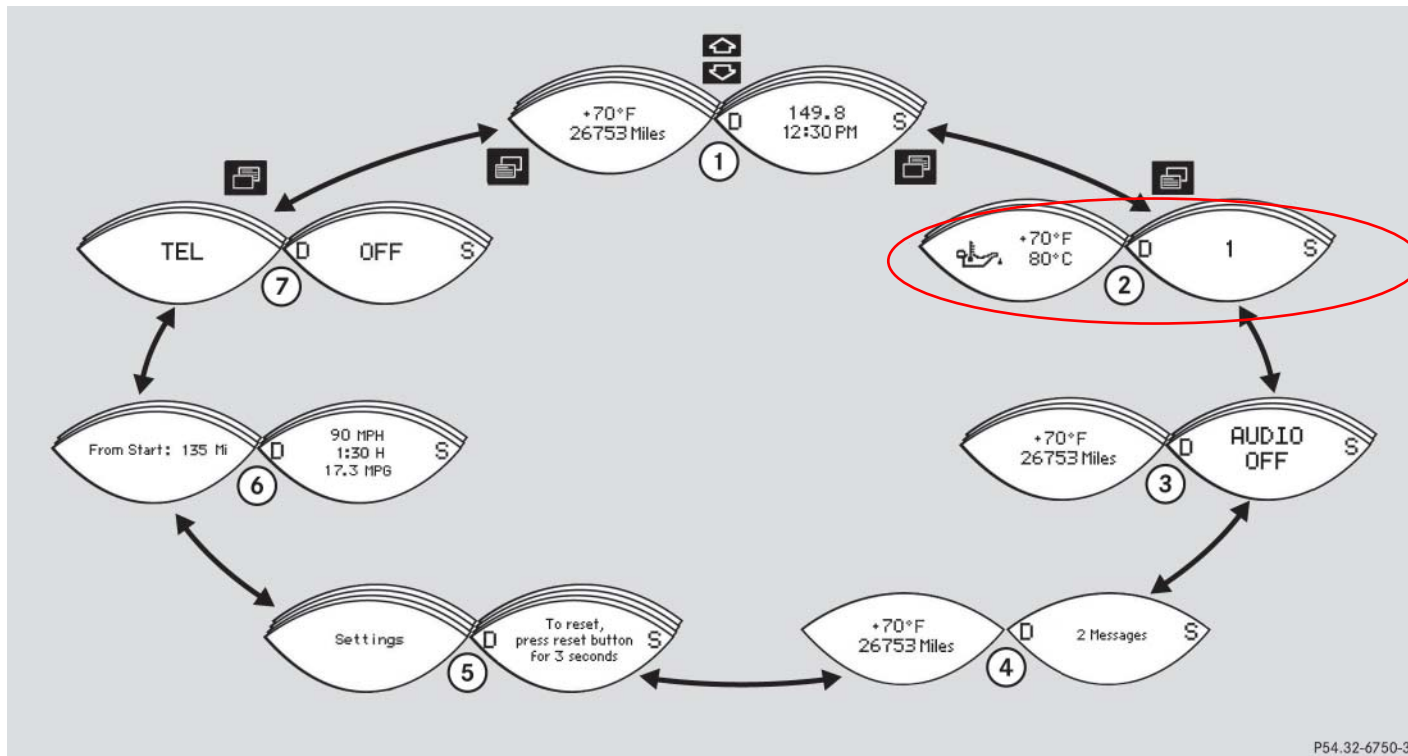
Controls in detail

Control system

Menus

This is what you will see when you scroll through the menus.

The table on the next page provides an overview of the individual menus.



Menus, submenus and functions

	Menu ①	Menu ②	Menu ③	Menu ④	Menu ⑤	Menu ⑥	Menu ⑦
	Standard display	722 S¹	AUDIO	Vehicle status message memory²	Settings	Trip computer	Telephone
	(▷ page 122)	(▷ page 123)	(▷ page 127)	(▷ page 128)	(▷ page 129)	(▷ page 139)	(▷ page 141)
Commands/submenus	Digital speedometer/Outside temperature	Engine oil temperature	Selecting radio station	Calling up vehicle malfunction, warning and system status messages stored in memory	Resetting to factory settings	Fuel consumption statistics since start	Loading phone book
	Calling up maintenance service display	Vehicle supply voltage	Operating the CD player		Instrument cluster submenu	Fuel consumption statistics since the last reset	Searching for name in phone book
	Checking tire inflation pressure	RACETIMER			Time submenu	Resetting fuel consumption statistics	
		Overall analysis Lap analysis			Lighting submenu Vehicle submenu	Distance to empty	

¹ Only Mercedes-Benz SLR McLaren Roadster 722 S

² The Vehicle status message memory menu is only displayed if there is a message stored.

i The headings used in the menus table are designed to facilitate navigation within the system and are not necessarily identical to those

shown in the control system displays. The first function displayed in each menu will

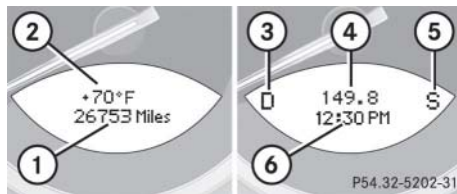
automatically show you which part of the system you are in.

Controls in detail

Control system

Standard display menu

The left multifunction display shows the outside temperature and main odometer, while the trip odometer and the clock appears in the right multifunction display. This is the standard display.



Standard display

- ① Main odometer
- ② Outside temperature or speed
- ③ Current gear selector lever position/gear range
- ④ Trip odometer
- ⑤ Automatic transmission shift program mode
- ⑥ Clock

- ▶ Press button or repeatedly until you see the standard display in the multifunction display.

You can modify the standard display menu. Instead of outside temperature ②, you can choose the digital speedometer to be displayed in the left multifunction display by changing the setting in the Select Display function of the Instr. Cluster submenu (▷ page 132).

- ▶ Press button or to select the functions in the standard display menu.

The following functions are available:

Function	Page
Calling up digital speedometer or outside temperature	122
Calling up maintenance service display	294
Checking tire inflation pressure	270



Calling up digital speedometer or outside temperature

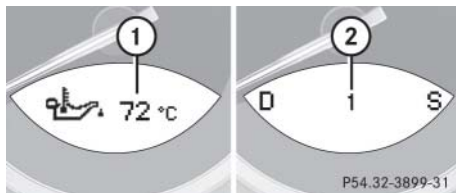
i If you have selected the digital speedometer for the standard display (▷ page 132), select the outside temperature display here.

- ▶ Press button or until you see the digital speedometer or, depending on the chosen setting, the outside temperature in the right multifunction display.

722 S menu¹

The main screen of the 722S menu shows you the gear currently engaged as well as the engine oil temperature.



- ▶ Press button  or  repeatedly until you see the 722S menu.



- ① Engine oil temperature
- ② Gear indicator




i The engine oil temperature symbol flashes if the engine oil temperature has not yet reached 80 °C. During this time, avoid driving at full engine speed.

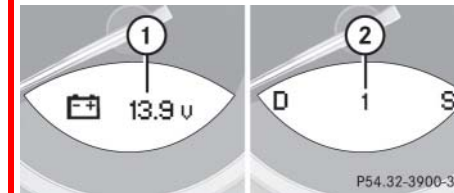
i If the engine reaches the overspeed range and you are driving in the manual shift program **MAN**, the menu will be shown in red. In addition, you will see **up** ext to gear indicator ② as a reminder to upshift.

Use buttons  or  to select the following functions in the 722S menu:

Function	Page
Vehicle supply voltage	123
RACETIMER	124
Overall analysis	126
Lap analysis	126

Vehicle supply voltage

- ▶ Press button  or  repeatedly until you see the 722S menu.
- ▶ Press button  repeatedly until you see the vehicle supply voltage.



- ① Vehicle supply voltage
- ② Gear indicator

¹ Only Mercedes-Benz SLR McLaren Roadster 722S.

Controls in detail

Control system




RACETIMER

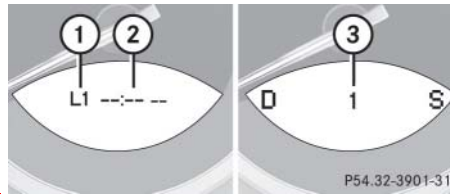
Warning!



The RACETIMER feature is only for use on roads and in conditions where high speed driving is permitted. Racing on public roads is prohibited under all circumstances and the driver is and must always remain responsible for following posted speed limits.



The RACETIMER allows you to time and save driving stretches in hours, minutes and seconds.

- ▶ Press button  or  repeatedly until you see the 722S menu.
- ▶ Press button  repeatedly until you see the RACETIMER.




- ① Lap
- ② RACETIMER
- ③ Gear indicator


i You can start the RACETIMER when the engine is running or the starter switch is in position 2 (▷ page 40).

i While the RACETIMER is being displayed, you cannot adjust the volume using buttons  or .


Starting the RACETIMER


- ▶ Press button .
The timer starts.

Displaying intermediate time

- ▶ Press button  while the timer is running.
The intermediate time is shown for 5 seconds.

Stopping the RACETIMER

- ▶ Press button .
The timer stops.

i When you stop the vehicle and turn the SmartKey to position 1 (▷ page 40), the RACETIMER stops timing. Timing is resumed when you switch the ignition back on (▷ page 40) or restart the engine (▷ page 47) and then press the  button.

Saving lap time and starting a new lap

i You can save up to nine laps.

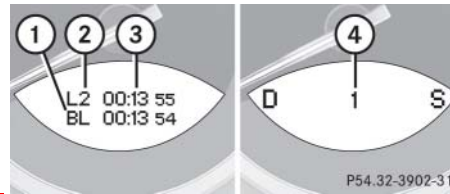
- ▶ Press button **−** while the timer is running.

The intermediate time will be shown for 5 seconds.

- ▶ Press button **−** within the next 5 seconds.

The intermediate time shown will be saved as a lap time.

The RACETIMER begins timing the new lap. The new lap begins to be timed as soon as the intermediate time is called up.



- ① Best lap time
- ② Lap number
- ③ RACETIMER
- ④ Gear indicator

Resetting current lap

- ▶ Press button **+** while the timer is running.

The timer stops.

- ▶ Press button **−**.

The lap time is reset to “0”.

Deleting all laps

i It is not possible to delete a single saved lap.

- ▶ Press button **+** while the timer is running.

The timer stops.

- ▶ Press the reset button in the instrument cluster twice (▶ page 114).

- ▶ Press button **+**.

The timer starts. The saved laps are deleted.




i When you switch off the engine, the RACETIMER will be reset to “0” after 30 seconds. All laps are deleted.

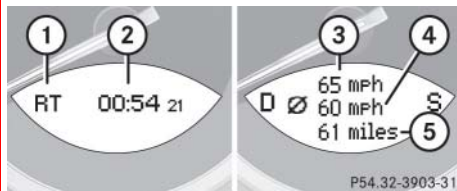
Controls in detail

Control system

Overall analysis

i These functions are only available if you have saved at least one lap and have stopped the RACETIMER.




- ▶ Press button  or  repeatedly until you see the 722S menu.
- ▶ Press button  repeatedly until you see the overall analysis.

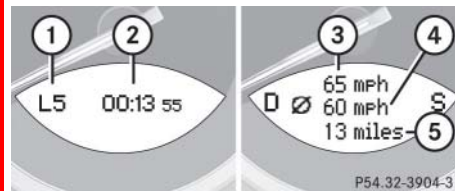


- ① Overall analysis of RACETIMER
- ② Overall driving time
- ③ Maximum speed
- ④ Average speed
- ⑤ Overall distance driven



Lap analysis

i These functions are only available if you have saved at least two laps and have stopped the RACETIMER.

- ▶ Press button  or  repeatedly until you see the 722S menu.
- ▶ Press button  repeatedly until you see the lap analysis.



- ① Lap number
- ② Lap time
- ③ Maximum speed
- ④ Average speed during lap
- ⑤ Lap length

- ▶ Press button  or  to see other lap analyses.

i Each lap is shown in its own submenu. The fastest lap is indicated by flashing symbol ①.

AUDIO menu



The functions in the AUDIO menu operate the audio equipment which you currently have turned on.

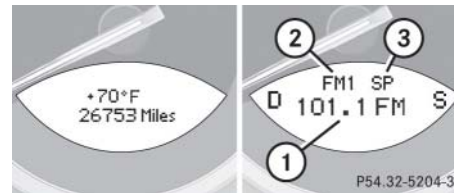
If no audio equipment is currently turned on, the message AUDIO OFF appears in the multifunction display.

The following functions are available:

Function	Page
Selecting radio station	127
Operating CD player	127

Selecting radio station

- ▶ Turn on the radio (▷ page 148).
- ▶ Press button  or  repeatedly until you see the currently tuned station in the right multifunction display.



- ① Station frequency
- ② Wave band setting
- ③ Setting for station selection using memory



- ▶ Press button  or  repeatedly until the desired station is found.

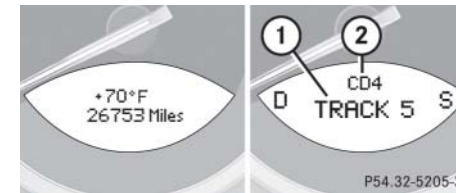
The type of search depends on the setting for the station tuning (▷ page 138):

- Memory: the next stored station is selected (SP)
- Station search

i You can only store new stations using the corresponding feature on the radio (▷ page 153).

Operating the CD player

- ▶ Turn on the radio and select the CD player (▷ page 158).
- ▶ Press button  or  repeatedly until the settings for the CD currently being played are shown in the right multifunction display.



- ① Current track
- ② Current CD (with additional number from 1 to 6 when running from CD changer)

- ▶ Press button  or  repeatedly until the desired track is selected.

Controls in detail

Control system

Vehicle status message memory menu

Use the vehicle status message memory menu to scan malfunction and warning messages that may be stored in the system. Such messages appear in the multifunction display and are based on conditions or system status the vehicle's system has recorded.



The vehicle status message memory menu only appears, if messages have been stored.

Warning!



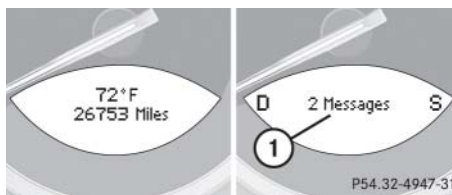
Malfunction and warning messages are only indicated for certain systems and are intentionally not very detailed. The malfunction and warning messages are simply a reminder with respect to the operation of certain systems and do not replace the owner's and/or driver's responsibility to maintain the vehicle's operating safety by having all required maintenance and safety checks

performed on the vehicle and by bringing the vehicle to an authorized Mercedes-Benz Center to address the malfunction and warning messages (▷ page 319).

- ▶ Press button  or  repeatedly until you see the vehicle status message memory in the right multifunction display.

If the vehicle status message memory does not appear, no messages have been stored.

If conditions have occurred causing status messages to be recorded, the number of messages appears in the right multifunction display:



- ① Number of recorded status messages

- ▶ Press button  or .

The stored messages will now be displayed in the order in which they have occurred. For malfunction and warning messages, see “Vehicle status messages in the multifunction display” (▷ page 319).

Should the vehicle's system record any conditions while driving, the number of messages will reappear in the multifunction display when the SmartKey in the starter switch is turned to position **0** or removed from the starter switch.

If you switch off the ignition you will delete the vehicle status message memory except for a few high-priority messages. The control system only deletes these messages when the cause for the messages has been rectified.

Settings menu

In the Settings menu there are two functions:

- The function To reset, press reset button for 3 seconds with which you can reset most the settings to those set at the factory.
- A collection of submenus with which you can make individual settings for your vehicle.



The following settings and submenus are available:

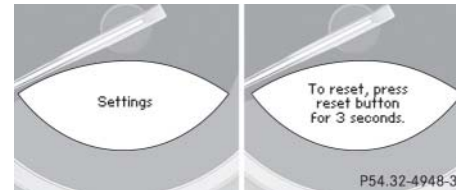
Function	Page
Resetting to factory settings	129
Submenus in the Settings menu	130
Instrument cluster submenu	132
Time submenu	133
Lighting submenu	134
Vehicle submenu	138

Resetting to factory settings

You can reset the functions of most of the submenus to the factory settings.

For safety, the Light Circuit Headlamp Mode submenu in the Lighting menu can be reset with the vehicle at standstill only.

- ▶ Press button  or  repeatedly until you see the Settings menu in the multifunction display.



- ▶ Press the reset button in the instrument cluster (▷ page 114) for approximately 3 seconds.

In the right multifunction display you will see the request to press the reset button again to confirm.

- ▶ Press the reset button again.




The functions of most the submenus will reset to factory settings.

i *The settings you have changed will not be reset unless you confirm the action by pressing the reset button a second time. After approximately 5 seconds, you see the Settings menu again.*

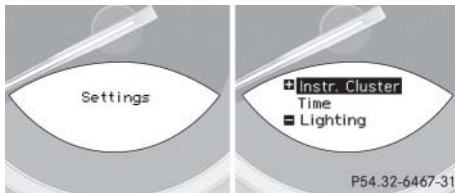
Controls in detail









Control system

Submenus in the Settings menu

- ▶ Press button  or  repeatedly until you see the Settings menu in the multifunction display.
- ▶ Press button .

In the right multifunction display you see the collection of submenus.



- ▶ Press button . The selection marker moves to the next submenu.
- ▶ Scroll down with button , scroll up with button .
- ▶ With the selection marker on the desired submenu, use button  to access the individual functions within that submenu.
- ▶ Once within the submenu use button  to move to the next function or button  to move to the previous function within that submenu.
- ▶ Use button  or  to change the settings of the respective function.

The table below shows what settings can be changed within the various menus. Detailed instructions on making individual settings can be found on the following pages.

Instrument cluster (▷ page 132)	Time (▷ page 133)	Lighting (▷ page 134)	Vehicle (▷ page 138)
Selecting digital speedometer display mode	Setting time (minutes)	Setting daytime running lamp mode (USA only)	Setting station selection mode (radio)
Selecting standard display	Setting time (hours)	Setting locator lighting	Setting automatic locking
Selecting language		Setting night security illumination (Headlamps delayed switch-off)	
		Setting interior lighting delayed switch-off	

Controls in detail

Control system

Instrument cluster submenu

Access the Instr. Cluster submenu via the Settings menu. Use the Instr. Cluster submenu to change the instrument cluster display settings.

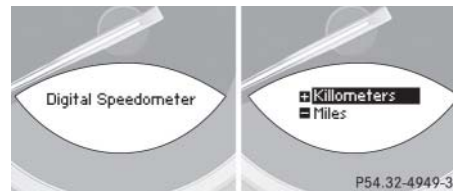
The following functions are available:

Function	Page
Selecting the digital speedometer display	132
Selecting the standard display	132
Selecting the language	133

Selecting the digital speedometer display

- ▶ Move the selection marker with button **+** or **-** to the Instr. Cluster submenu.
- ▶ Press button **▲** or **▼** repeatedly until you see this message in the left multifunction display: Digital Speedometer.

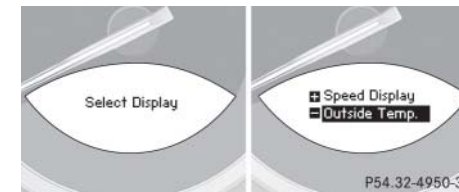
The selection marker is on the current setting.



- ▶ Press button **+** or **-** to set the speedometer units to Kilometers or Miles.

Selecting the standard display

- ▶ Move the selection marker with button **+** or **-** to the Instr. Cluster submenu.
- ▶ Press button **▲** or **▼** repeatedly until you see this message in the left multifunction display: Select Display. The selection marker is on the current setting.



- ▶ Press button **+** or **-** to select the desired setting.

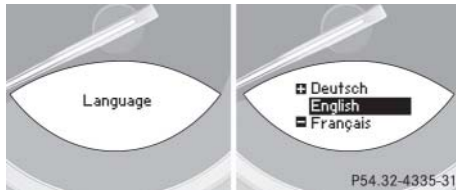
The selected display appears in the left multifunction display.

The option not selected will appear in the right multifunction display when scrolling through the standard display (▷ page 122).

Selecting the language

- ▶ Move the selection marker with button **+** or **-** to the Instr. Cluster submenu.
- ▶ Press button **↶** or **↷** repeatedly until you see this message in the left multifunction display: Language.

The selection marker is on the current setting.



- ▶ Press button **+** or **-** to select the language to be used for the multifunction display messages.

Available languages:

- German
- English
- French
- Italian
- Spanish
- Dutch
- Danish
- Swedish
- Portuguese
- Turkish

Time submenu

Access the Time submenu via the Settings menu. Use the Time submenu to change the time settings.

The following functions are available:

Function	Page
Setting time (minutes)	134
Setting time (hours)	134

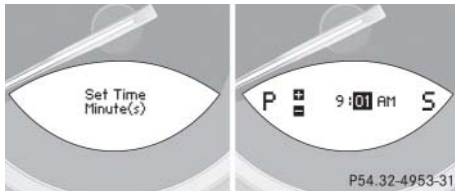
Controls in detail

Control system

Setting time (minutes)

- ▶ Move the selection marker with button **+** or **-** to the Time submenu.
- ▶ Press button **↕** or **↓** repeatedly until you see this message in the left multifunction display: Set Time Minute(s).

The selection marker is on the minute setting.

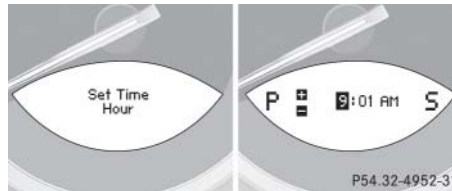


- ▶ Press button **+** or **-** to set the minutes.

Setting time (hours)

- ▶ Move the selection marker with button **+** or **-** to the Time submenu.
- ▶ Press button **↕** or **↓** repeatedly until you see this message in the left multifunction display: Set Time Hour.

The selection marker is on the hour setting.



- ▶ Press button **+** or **-** to set the hour.

Lighting submenu

Access the Lighting submenu via the Settings menu. Use the Lighting submenu to change the lamp and lighting settings on your vehicle.

The following functions are available:

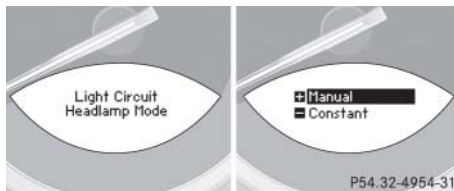
Function	Page
Setting daytime running lamp mode (USA only)	135
Setting locator lighting	135
Setting night security illumination (Headlamps delayed switch-off)	136
Setting interior lighting delayed switch-off	137

Setting daytime running lamp mode (USA only)

i This function is not available in countries where the daytime running lamp mode is mandatory and therefore in a constant mode.

- ▶ Move the selection marker with button **+** or **-** to the Lighting submenu.
- ▶ Press button **▲** or **▼** repeatedly until you see this message in the left multifunction display: Light Circuit Headlamp Mode.

The selection marker is on the current setting.



- ▶ Press button **+** or **-** to select manual operation (Manual) or daytime running lamp mode (Constant) activated.

With daytime running lamp mode activated and the exterior lamp switch in position **0** or **AUTO**, the low-beam headlamps are switched on when the engine is running.

In low ambient light conditions the following lamps will switch on additionally:

- Parking lamps
- Tail lamps
- License plate lamps
- Side marker lamps

For more information on the daytime running lamp mode, see “Daytime running lamp mode” (▷ page 108).

i For safety reasons, resetting the Lighting submenu to factory settings while driving (▷ page 129) will not deactivate the daytime running lamp mode.

You see the following message in the right multifunction display: Cannot be fully reset to factory settings while driving.

Setting locator lighting

With the locator lighting feature activated and the exterior lamp switch in position **AUTO**, the following lamps will switch on during darkness when the vehicle is unlocked with the SmartKey:

- Parking lamps
- Tail lamps
- License plate lamps
- Side marker lamps
- Front fog lamps

The locator lighting switches off when the driver’s door is opened.

If you do not open a door after unlocking the vehicle with the SmartKey the lamps will switch off automatically after approximately 40 seconds.

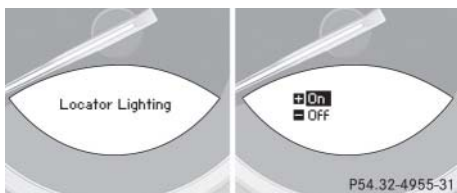
Controls in detail

Control system

- ▶ Move the selection marker with button **+** or **-** to the Lighting submenu.

- ▶ Press button **▲** or **▼** repeatedly until you see this message in the left multifunction display:
Locator Lighting.

The selection marker is on the current setting.



- ▶ Press button **+** or **-** to switch the locator lighting feature On or Off.
- ▶ Turn the exterior lamp switch to position **AUTO** when exiting the vehicle (▷ page 106).

The locator lighting feature is activated.

Setting night security illumination (Headlamps delayed switch-off)

Use this function to set whether you would like the exterior lamps to remain on for 15 seconds during darkness after exiting the vehicle and closing the doors.

With the delayed shut-off feature activated and the exterior lamp switch in position **AUTO** before the engine is turned off, the following lamps will switch on when the engine is turned off:

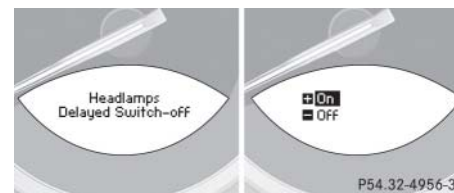
- Parking lamps
- Tail lamps
- License plate lamps
- Side marker lamps
- Front fog lamps

If, after turning off the engine, you do not open a door or do not close an opened door, the lamps will automatically switch off after 60 seconds.

- ▶ Move the selection marker with button **+** or **-** to the Lighting submenu.

- ▶ Press button **▲** or **▼** repeatedly until you see this message in the left multifunction display:
Headlamps Delayed Switch-off.

The selection marker is on the current setting.



- ▶ Press button **+** or **-** to switch the headlamps delayed shut-off feature On or Off.
- ▶ Turn the exterior lamp switch to position **AUTO** before turning off the engine (▷ page 106).

The headlamps delayed switch-off feature is activated.

You can temporarily deactivate the headlamps delayed switch-off feature:

- ▶ Before leaving the vehicle turn the SmartKey in the starter switch to position **0**.
- ▶ Then turn it to position **2** and back to **0**.

The delayed switch-off feature is deactivated. It will reactivate as soon as you reinsert the SmartKey in the starter switch.

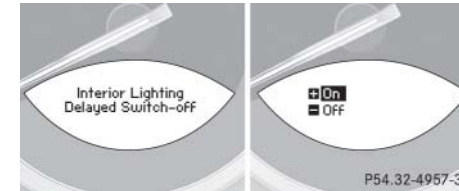
Setting interior lighting delayed switch-off

Use this function to set whether you would like the interior lighting to remain on for 10 seconds during darkness after you have removed the SmartKey from the starter switch.

- ▶ Move the selection marker with button **+** or **-** to the Lighting submenu.

- ▶ Press button **▲** or **▼** repeatedly until you see this message in the left multifunction display: Interior Lighting Delayed Switch-off.

The selection marker is on the current setting.



- ▶ Press button **+** or **-** to switch the interior lighting delayed feature On or Off.

Controls in detail

Control system

Vehicle submenu

Access the Vehicle submenu via the Settings menu. Use the Vehicle submenu to make general vehicle settings.

The following functions are available:

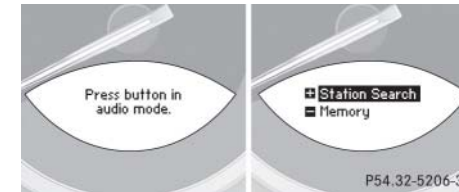
Function	Page
Setting station selection mode (radio)	138
Setting automatic locking	139

Setting radio station selection mode

Use the Press button in audio mode function to select the manual or memory station selection mode for the radio (▷ page 127).

- ▶ Move the selection marker with button **+** or **-** to the Vehicle submenu.
- ▶ Press button **↶** or **↷** repeatedly until you see this message in the left multifunction display: Press button in audio mode.

The selection marker is on the current setting.



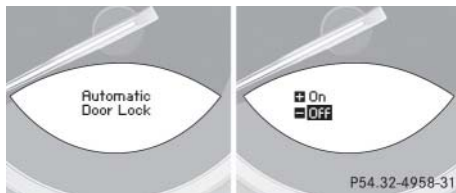
- ▶ Press button **+** or **-** to select the desired station selection mode. You can select:
 - Station Search, selects next receivable station
 - Memory, selects next stored station

Setting automatic locking

Use this function to activate or deactivate the automatic central locking. With the automatic central locking system activated, the vehicle is centrally locked at vehicle speeds of approximately 9 mph (15 km/h).

- ▶ Move the selection marker with button **+** or **-** to the Vehicle submenu.
- ▶ Press button **↶** or **↷** repeatedly until you see the following message in the left multifunction display: Automatic Door Lock.

The selection marker is on the current setting.



- ▶ Press button **+** or **-** to switch Automatic Door Lock On or Off.

Trip computer menu

Use the trip computer menu to call up statistical data on your vehicle.

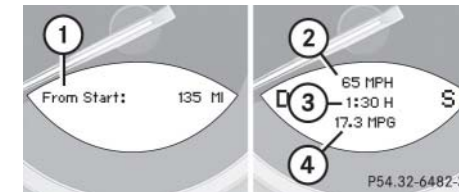
The following information is available:

Function	Page
Fuel consumption statistics since start	139
Fuel consumption statistics since last reset	140
Resetting fuel consumption statistics	140
Distance to empty	140

i The last function called up will reappear the next time you enter the trip computer menu.

Fuel consumption statistics since start

- ▶ Press button **☰** or **☷** repeatedly until you see the first function of the trip computer menu.
- ▶ Press button **↶** or **↷** repeatedly until you see the following message in the left multifunction display: From Start.



- ① Distance driven since start
- ② Average speed since start
- ③ Time elapsed since start
- ④ Average fuel consumption since start





i All statistics stored since the last engine start will be reset approximately 4 hours after the SmartKey in the starter switch is turned to position **0** or removed from the starter switch.

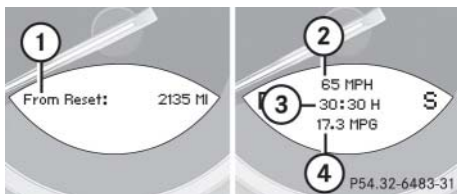
Resetting will not occur if you turn the SmartKey back to position **1** or **2** within this time period.

Controls in detail

Control system





Fuel consumption since last reset

- ▶ Press button  or  repeatedly until you see the first function of the trip computer menu.
- ▶ Press button  or  repeatedly until you see the following message in the left multifunction display:
From Reset.



- ① Distance driven since last reset
- ② Average speed since last reset
- ③ Time elapsed since last reset
- ④ Average fuel consumption since last reset





Resetting fuel consumption statistics

- ▶ Press button  or  repeatedly until you see the first function of the trip computer menu.
- ▶ Press button  or  repeatedly until you see the reading that you want to reset in the left multifunction display.
- ▶ Press and hold the reset button in the instrument cluster (▶ page 114) until the value is reset to 0.

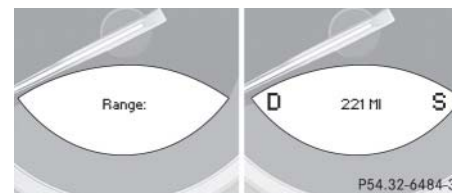
i The fuel consumption statistics reset automatically to 0 when either of the following values is exceeded:

- distance covered: 99999 miles
- time elapsed: 9999 hours

Distance to empty

- ▶ Press button  or  repeatedly until you see the first function of the trip computer menu.
- ▶ Press button  or  repeatedly until you see this message in the left multifunction display: Range: .

The calculated remaining driving range based on the current fuel tank level appears in the right multifunction display. Your driving style will affect the accuracy of the calculated range.



i If only very little fuel is left in the tank, a vehicle at the fuel pump is shown instead of the range.

TEL menu

Warning!





A driver's attention to the road must always be his/her primary focus when driving. For your safety and the safety of others, we recommend that you pull over to a safe location and stop before placing or taking a telephone call. If you choose to use the telephone while driving, please use the hands-free device and only use the telephone when weather, road, and traffic conditions permit.

Some jurisdictions prohibit the driver from using a mobile telephone while driving a vehicle.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

Never operate radio transmitters equipped with a built-in or attached antenna (i.e. without being connected to an external antenna) from inside the vehicle while the engine is running. Doing so could lead to a malfunction of the vehicle's electronic system, possibly resulting in an accident and/or personal injury.

You can use the functions in the TEL menu to operate your telephone, provided it is connected to a hands-free system and switched on.

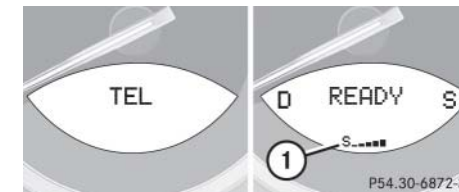
- ▶ Switch on the telephone and the radio.
- ▶ Press button  or  on the steering wheel repeatedly until you see the TEL menu in the left multifunction display.

Which messages will appear in the right multifunction display field depends on whether your telephone is switched on or off:

- If the telephone is off, the message in the multifunction display is: TEL OFF.
- If the telephone is on:

The telephone will then search for a network. During this time the right multifunction display is empty.

As soon as the telephone has found a network, **READY** is indicated in the right multifunction display.



① Signal strength

This standby message indicates that your telephone is ready for use and you can operate it using the control system.

Controls in detail

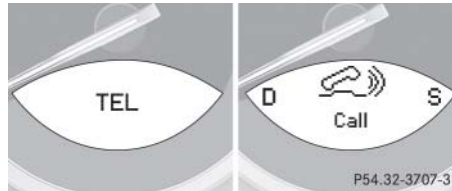
Control system


You may carry out the following functions:

Function	Page
Answering a call	142
Ending a call	142
Dialling a number from the phone book	143
Redialing	144

Answering a call


When your telephone is ready to receive calls, you can answer a call at any time. In the right multifunction display you will then see the message, or if available, the caller ID (name and number):



- ▶ Press button .

You have answered the call. In the right multifunction display you see the length of the call.



Ending a call or rejecting an incoming call

- ▶ Press button .

You have ended or rejected the call. In the right multifunction display you will again see the standby message.

Dialing a number from the phone book

If your telephone is ready to receive calls, you may select and dial a number from the phone book at any time.



- ▶ Press button  or  repeatedly until you see the TEL menu in the left multifunction display.

In the right multifunction display you will see the standby message.



- ▶ Press button  or .


The control system reads the phone book which is stored in the telephone. This may take several minutes. In the right multifunction display you will see this message `Pl ease Wai t`.


When the message `Pl ease Wai t` disappears, the phone book has been loaded.

- ▶ Press button  or  repeatedly until you see the desired name in the right multifunction display.

The stored names are displayed in ascending or descending alphabetical order.

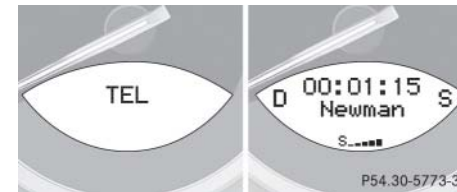
i *If you press and hold  or  for longer than 1 second, the system scrolls rapidly through the list of names until you release the button again.*

Cancel the quick search mode by pressing .

- ▶ Press button .

The system dials the selected phone number.

- If the connection is successful and this feature is supported by your network provider, the name of the party (if stored in your phone book) you are calling and the duration of the call will appear in the multifunction display.





- The control system stores the dialed number in the redial memory.

Controls in detail


Control system

Redialing




The control system stores the most recently dialed phone numbers. This eliminates the need to search through your entire phone book.

- ▶ Press button  or  repeatedly until you see the TEL menu in the left multifunction display.

In the right multifunction display you will see the standby message.

- ▶ Press button .

In the right multifunction display you see the first number in the redial memory.

- ▶ Press button  or  repeatedly until you see the desired name in the right multifunction display.
- ▶ Press button .

The control system dials the selected phone number.

▼ Audio system

Audio and telephone, operation

These instructions are intended to help you become familiar with your Mercedes-Benz audio system. They contain useful tips and a detailed description of the user functions.

Warning!



In order to avoid distraction which could lead to an accident, the driver should enter system settings with the vehicle at a standstill and operate the system only when road and traffic conditions permit. Always pay full attention to traffic conditions first before operating system controls while driving.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your car is covering a distance of 44 feet (approximately 14 m) every second.

Operating safety

Warning!



Any alterations made to electronic components can cause malfunctions.

The radio, amplifier, CD changer and telephone are interconnected. When one of the components is not operational or has not been removed/replaced properly, the function of other components may be impaired.

This condition might seriously impair the operating safety of your vehicle.

We recommend that you have any service work on electronic components carried out by an authorized Mercedes-Benz Center.

Location of the audio system

The audio system control panel is located behind a cover in the upper part of the center console.



① Cover

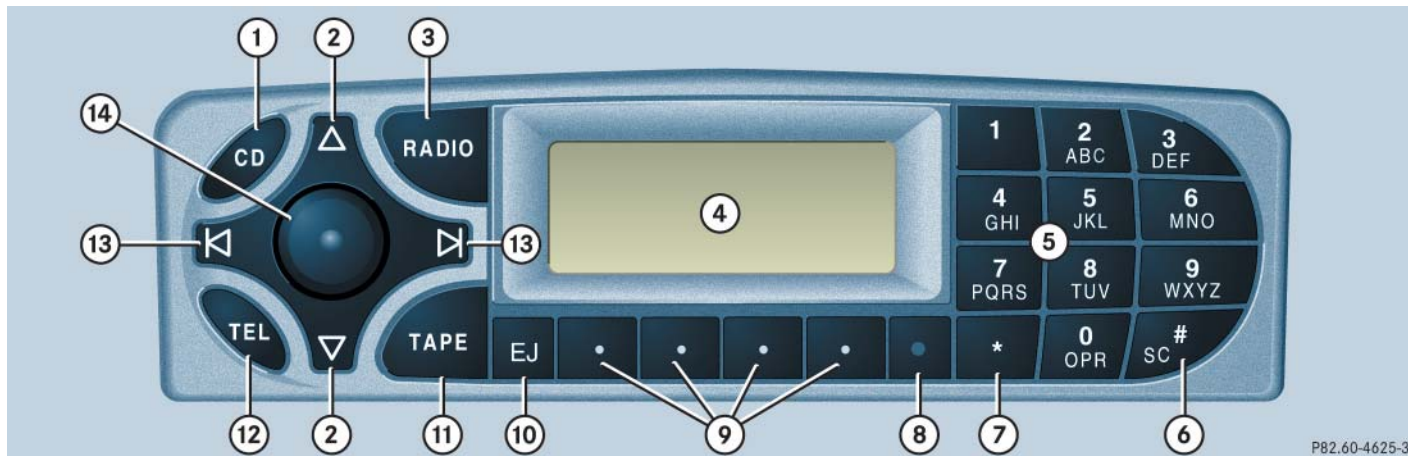
- Briefly press on the lower part of cover ①.

The cover opens automatically.

Controls in detail

Audio system

Operating and display elements



Controls in detail

Audio system

Item	Page
① CD mode selector	158
② Manual tuning (radio)	151
Fast forward/reverse (cassette, CD)	156, 160
Speed dialing memory (telephone)	165
③ Radio mode selector	151
④ Display panel	
Cassette compartment behind display panel	

Item	Page
⑤ Alpha-numeric keypad	
Band selection, station buttons (radio)	151
CD selection (CD)	160
Telephone number entry, retrieving speed dialing memory (telephone)	163
⑥ Scanning (radio, cassette, CD)	153, 156, 160
⑦ Function button	152
⑧ Light-emitting diode	

Item	Page
⑨ Function keys	
⑩ Cassette eject	155
⑪ Cassette mode selector	154
⑫ Telephone mode selector	162
⑬ Seek tuning (radio)	152
Track search (cassette, CD)	155, 160
Speed dialing memory (telephone)	165
⑭ On/off	148
Volume	148

Controls in detail

Audio system

Button and soft key operation

In these instructions, the alpha-numeric keypad (right side of radio panel) and the function buttons (left side of radio panel) are referred to as “buttons”. The four keys below the display panel are referred to as “soft keys”.

! Do not press directly on the display face. Otherwise the display will be damaged.

Operation

Switching on/off

Switching on:

- ▶ Turn SmartKey in starter switch to position **1** or **2**.

or

- ▶ Press control knob .

i If the radio is switched on without the SmartKey in the starter switch, it will automatically switch off again after approximately 30 minutes.

Switching off:

- ▶ Remove SmartKey from starter switch.

or

- ▶ Press control knob .

Adjusting the volume

- ▶ Turn control knob .

The volume will increase or decrease depending on the direction turned.

i The volume setting can be selected separately for the telephone and audio system.

Adjusting audio functions

Press the AUD key to call up the bass, treble, balance and fader functions in the various operating modes. Settings for bass and treble are stored separately for the AM and FM frequency bands, cassette mode and CD mode.

Bass

- ▶ Regardless of operating mode, press the AUD key repeatedly until you see BASS on the display.



P82.60-4081-31

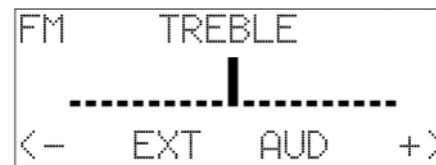
- ▶ Press + or - key to increase or decrease level.

or

- ▶ Press both + and - keys simultaneously to reset the Bass to its center (flat) level.

Treble

- ▶ Regardless of operating mode, press the AUD key repeatedly until you see TREBLE on the display.



P82.60-4082-31

- ▶ Press + or - key to increase or decrease level.

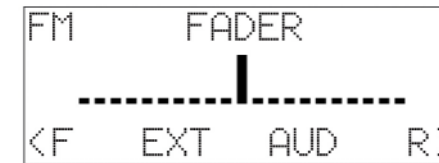
or

- ▶ Press both + and - keys simultaneously to reset the Treble to its center (flat) level.

Fader

- ▶ **i** Your vehicle may or may not have the fader function, depending on the vehicle equipment and model.

- ▶ Regardless of operating mode, press the AUD key repeatedly until you see FADER on the display.



P82.60-4083-31

- ▶ Press F or R key to shift sound accordingly to the front or rear speakers.

or

- ▶ Press both F and R keys simultaneously to reset the Fader to its center level.

Controls in detail

Audio system

Balance

- ▶ Regardless of operating mode, press the AUD key repeatedly until you see BALANCE on the display.



- ▶ Press L or R key to shift sound accordingly to the left or right speakers.

or

- ▶ Press both L and R keys simultaneously to reset the Balance to its center level.

Returning audio functions to factory settings



- ▶ Regardless of operating mode, press and hold AUD key longer than 2 seconds. RESET will appear in the display.

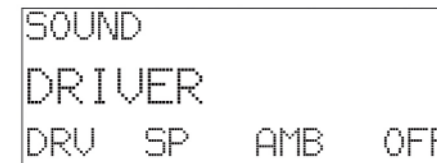
All settings for bass, treble and balance are returned to the center level and the volume is set to a predefined level.

Audio system sound selection (EXT)*

- ▶ Regardless of operating mode, press the AUD key.

You see the sound settings menu on the display.

- ▶ Press the EXT key.



- ▶ Press one of the function keys.

You can select from among the following settings:

- **DRV:** The tone level is set to the Driver position; sound is directed toward the passengers.
- **SP:** The tone level is set for Speech, optimizing the sound for the spoken word.
- **AMB:** The tone level is set for Ambience, producing a three-dimensional sound.
- **OFF:** The audio system sound selection is turned off.

Telephone muting

The radio will switch to telephone mode when a call is incoming. The current audio source is muted.

Radio operation

Selecting radio mode

- ▶ Press **RADIO** button.
- ▶ You can now receive radio stations over the analog FM, AM or WB station frequencies.

Analog station frequencies

Selecting the band

You can select from among FM, AM or WB frequency bands.

Weather band (▷ page 154).

i *FM frequency band:*
FM 87.7.....107.9 MHz
AM frequency band:
MW (medium wave) 530.....1710 KHz

- ▶ Press FM, AM or WB key repeatedly until desired band has been selected.

The FM, AM and WB frequency bands are called up one after the other.

The frequency band currently selected appears in the upper left-hand corner of the display.

Selecting a station

The following options are available for selecting a station:

- Direct frequency band input (▷ page 152)
- Manual tuning (▷ page 152)
- Automatic seek tuning (▷ page 152)
- Scan tuning (▷ page 153)
- Preset buttons (▷ page 153)
- Automatic station memory (Autostore) (▷ page 153)

Controls in detail

Audio system

Direct frequency input

- ▶ Select the desired frequency band.



P82.60-4756-31

- ▶ Press ***** button.
- ▶ Enter desired frequency using buttons **1** to **0**.

i You can only enter frequencies within the respective waveband.

If a button is not pressed within 4 seconds, the radio will return to the station last tuned to.

Manual tuning

- ▶ Select the desired frequency band.



P82.60-4755-31

- ▶ Press and hold either the **▲** or **▼** button until the desired frequency is reached.

Step-by-step station tuning takes place in ascending or descending order of frequency. The first three tuning steps will take place without muting. Afterwards, the radio will be muted and high-speed tuning will take place until the button is released.

Automatic seek tuning

- ▶ Select the desired frequency band.



P82.60-4757-31

- ▶ Press either the **▶** or **◀** button.
The radio will tune to the next higher or next lower receivable frequency.

Scan tuning

- Starting scan tuning
 - Select desired frequency band.



P82.60-4754-31

- Press **SC#** button.

SC will appear in the display. The radio briefly tunes in all receivable stations on the band selected. The first scan cycle will tune in only the stations with a strong signal. The second scan cycle will tune in every receivable station.
- Ending scan tuning
 - Press **SC#** button or **▲**, **▼**, **▶** or **◀** button.

SC disappears from the display.

Manual station memory (Presets)

You can store ten AM and ten FM stations.

- Storing stations
 - Tune in the desired station.
 - Press and hold desired station button **1** to **0** until a brief signal tone is heard.



P82.60-4755-31

- The frequency is stored on the selected station button.

The frequency band and station button number are shown in the upper left-hand corner of the display.
- Retrieving a station from memory
 - Press desired station button **1** to **0**.

Automatic station memory (Autostore)

The Autostore memory function provides an additional memory level. The station memory for manually stored stations is not overwritten.

- Calling up Autostore memory level
 - Briefly press the AS key.

AS is highlighted in the display.

The radio finds the ten stations with the strongest signals. These stations are stored on the station buttons **1** to **0** in order of signal strength.

- Retrieving a station from memory
 - Press desired station button **1** to **0**.
- Leaving the Autostore memory level
 - Press the AS key.

The highlighted AS in the display disappears.

Controls in detail

Audio system

Weather band



P82.60-4758-31

- ▶ Press the WB key.
The weather band station last selected is tuned in.
- ▶ Select the desired weather band station with buttons **1** to **7** PQRS.
If a station cannot be tuned in, a scan is automatically started.
- ▶ Press **▶** or **◀** button. The next receivable weather band station is tuned in.

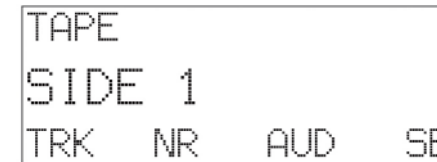
Cassette operation

Playing cassettes

- ▶ Press **EU** button.
The display panel folds down and the cassette compartment becomes accessible.
- ▶ Insert cassette into the cassette compartment until it engages and tap it gently.
The cassette will be pulled in automatically. The system switches to cassette mode. Side 1 will be played and **SIDE 1** appears in the display. Side 1 is the side of the cassette which is facing upward. The cassette deck will automatically detect the type of tape.

- ▶ Fold display panel back up and press gently on the display panel frame to lock it in place.

! Do not press directly on the display face. Otherwise the display will be damaged.



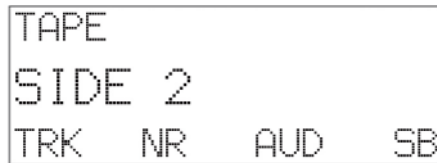
P82.60-4071-31

or

- ▶ If a cassette is already in the mechanism, press **TAPE** button.

i A warning signal will sound after 20 seconds if the display panel is left in the down position. Fold display panel back up. If the display panel is not closed, a warning signal will sound and the radio will be muted.

Track selection



P82.60-4072-31

- ▶ Press the TRK key.

The current track will be displayed as SIDE 1 or SIDE 2.

You can switch sides at any time. The side will be changed automatically at the end of the tape.

Cassette eject

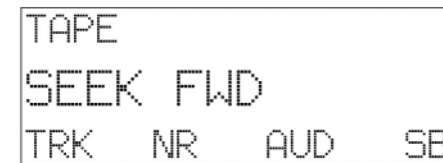
- ▶ Press eject button **EJ**.
The display folds down and the cassette is ejected. The system will switch back to radio mode automatically.
- ▶ Fold display panel back up and press gently on the display panel frame to lock it.

! Do not press directly on the display face. Otherwise the display will be damaged.

i The cassette will not be ejected when the system is switched off or switched to another operating mode.

Track search

Track search forward



P82.60-4073-31

- ▶ Press **▶** button.
SEEK FWD will appear in the display. Track search will run the tape forward to the start of the next track and switch to Play.

i The beginning of a track can only be found if there is pause of at least 4 seconds between tracks.

Controls in detail

Audio system

Track search backward

- ▶ Press **◀** button.
SEEK RWD will appear in the display.
Track search will run the tape backward to the start of the track currently playing and switch to Play.

Stopping track search

- ▶ Press **▲**, **▼**, **▶** or **◀** button.
The cassette will switch over to Play.

Scanning

- Starting scan



TAPE SC
SEEK FWD
TRK NR AUD SB

P82.60-4074-31

- ▶ Press **SC#** button.
SC will appear in the display.
Each track on the cassette will be played briefly in ascending order.
- Stopping scan
 - ▶ Press **SC#**, **▲**, **▼**, **▶** or **◀** button.
The system will switch to Play.

Fast forward/reverse

- Starting cassette fast forward mode



TAPE FORWARD
TRK NR AUD SB

P82.60-4075-31

- ▶ Press **▲** button.
FORWARD will appear in the display.
- Starting cassette fast reverse mode
 - ▶ Press **▼** button.
REWI ND will appear in the display.
The cassette will automatically switch over to the play mode at the end or beginning of the tape.
- Stopping the cassette fast forward/reverse mode
 - ▶ Press **▲**, **▼**, **▶** or **◀** button.
The cassette will switch over to the play mode.

Skipping blank sections (skip blank)

Switching on the skip blank function

- ▶ Press the SB key.

SB is highlighted in the display.

If the system does not detect a sound signal, the cassette will automatically fast forward to the next sound signal.

Switching off the skip blank function

- ▶ Press the SB key.

The highlighted SB in the display disappears.

Dolby NR¹ (noise reduction system)

To enable optimum sound reproduction of cassettes recorded using Dolby B NR, the Dolby NR system should be switched on.


i *The Dolby NR function should be switched off when playing cassettes not recorded with Dolby B NR.*

Switching on

- ▶ Press the NR key.
NR is highlighted in the display.

Switching off

- ▶ Press the NR key.
The highlighted NR in the display disappears.

¹ DOLBY and the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation. The Dolby noise reduction system is manufactured under license from Dolby Laboratories Licensing Corporation.

Controls in detail

Audio system

CD changer operation

General notes

Should excessively high temperatures occur while in CD mode, CD TEMP HIGH will appear in the display and the CD will be muted. The unit will then switch back to the last operating mode used until the temperature has decreased to a safe operating level.



P82.60-4066-31

Should excessively low temperatures occur while in CD mode, CD TEMP LOW will appear in the display, but the CD will continue to play.

Handle CDs carefully to prevent interference during playback. Avoid fingerprints and dust on CDs. Do not write on CDs or apply any labels or other material to them.

Only use original CDs. Using copied CDs may create problems during playback.

Clean CDs from time to time with a commercially available cleaning cloth. Do not use solvents, anti-static sprays, etc. for cleaning. Replace the CD in its case after use. Protect CDs from heat and direct sunlight.



Only use CDs, which bear the label shown and that conform to the compact disc digital audio standard (IEC 60908). You can therefore only use CDs with a maximum thickness of 1.3 mm.

i Use of CDs which do not meet this standard may cause damage to the CD changer. Do not play single-CDs (80 mm) with an adapter.

Your CD drive has been designed to play CDs which correspond to the IEC 60908 standard.

If you insert thicker data carriers, e.g. ones that have data on both sides (one side with DVD data, the other side with audio data), they cannot be ejected and will damage the drive.

Warning!



The CD changer is a Class 1 laser product. There is a danger of invisible laser radiation if the cover is opened or damaged. Do not remove the cover. The CD changer does not contain any parts which can be serviced by the user. For safety reasons, have any service work which may be necessary performed only by qualified personnel.

Operational readiness of CD changer

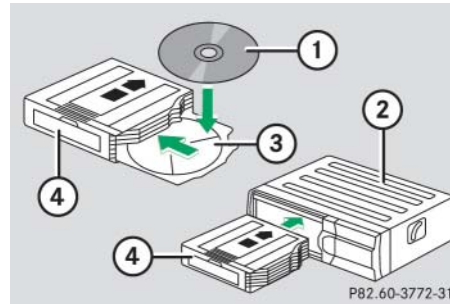
The CD changer is located in the trunk on the left side.




① CD changer

The CD changer can be operated from the front control panel of the radio. A loaded magazine must be installed to play CDs.

Loading/unloading a CD magazine



- ① CD
- ② CD changer
- ③ CD tray
- ④ CD magazine

- ▶ Slide changer door to the right and press eject button . The CD magazine ④ will be ejected.
- ▶ Remove CD magazine and pull CD tray ③ fully out.
- ▶ Place CD ① in recess of CD tray, label side up.

- ▶ Push CD tray into CD magazine in direction of arrow.

i CDs which have been inserted improperly or are unreadable will not be played.

You do not need to place CDs in all six CD trays. The lowest tray is magazine slot number 1 and the highest tray is magazine slot number 6.

- ▶ Push magazine into CD changer ② in direction of arrow and close sliding door.

Playing CDs

- ▶ Press **CD** button.

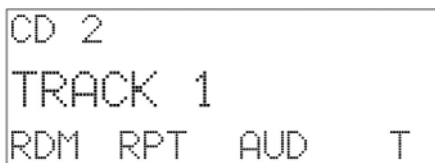
CD will appear in the display.

The last CD listened to will then start playing at the point where it was switched off. After the last track on a CD has finished, the next CD is automatically played.

Controls in detail

Audio system

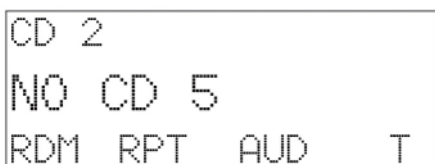
Selecting CDs



P82.60-4067-31

- ▶ You can select from among the CDs in the CD magazine using buttons **1** to **6** MNO.

CD and the magazine slot number of the selected CD appear in the display. The number of the current track is displayed after TRACK.



P82.60-4068-31

If there is no CD in the selected magazine slot, you see NO CD appears on the display with the corresponding slot number.

Skipping tracks forward/backward

- Skipping tracks forward
 - ▶ Press **▶** button.
The next track will be played.

- Skipping tracks backward
 - ▶ Press **◀** button.
If the track has been playing for more than 10 seconds, it will revert to the start of that track. If it has been playing for less than 10 seconds, it will revert to the preceding track.

Pressing the **▶** or **◀** button repeatedly will result in multiple tracks being skipped.

Fast forward/reverse

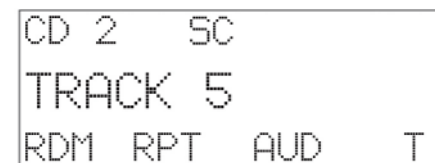
- Fast forward
 - ▶ Press and hold **▶▶** button until desired point has been reached.

- Fast reverse
 - ▶ Press and hold **◀◀** button until desired point has been reached.

i The relative time of the track is shown on the display during the search.

Scanning

- Starting scan
 - ▶ Press **SC#** button.



P82.60-4069-31

SC appears in the display.

Each track on the current CD will be played for approximately 8 seconds in ascending order.

- Ending scan
 - ▶ Press **SC#**, **▶**, **◀**, **▶▶** or **◀◀** button.

Random play

The random play function (RDM) plays the tracks on the current CD in random order.

- Switching on random play



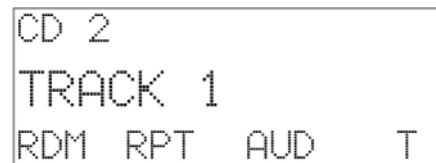
P82.60-4067-31

- ▶ Press the RDM key.
RDM is highlighted in the display.
- Switching off random play
 - ▶ Press the RDM key.
The highlighted RDM in the display disappears.

Repeat

The repeat function (RPT) repeats the current track.

- Switching on repeat

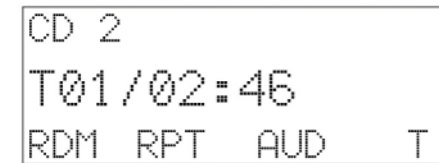


P82.60-4067-31

- ▶ Press the RPT key.
RPT is highlighted in the display.
- Switching off repeat
 - ▶ Press the RPT key.
The highlighted RPT in the display disappears.

i The random play and repeat function cannot be used simultaneously.

Track and time display



P82.60-4070-31

- ▶ Press the T key.
The number of the track being played and the elapsed playing time appear in the display.
- ▶ Press the T key.
The total number of tracks and the total playing time of the CD appear in the display.
You see the CD main menu again after 8 seconds.

Controls in detail

Audio system

Telephone operation

Warning!



Please do not forget that your primary responsibility is to drive the vehicle. A driver's attention to the road must always be his/her primary focus when driving. For your safety and the safety of others, we recommend that you pull over to a safe location and stop before placing or taking a telephone call.

If you choose to use the telephone¹ while driving, please use the hands-free device and only use the telephone when road, weather and traffic conditions permit. Some jurisdictions prohibit the driver from using a mobile telephone while driving a vehicle.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

¹ Observe all legal requirements.

Various car telephone functions and operating steps for the car telephone can be performed and displayed via the audio system.

Further operating instructions not covered here can be found in the operating instructions for the multifunction steering wheel and the telephone.

Switching on the telephone

- ▶ Press **TEL** button.

If you have programmed an unlock code for the telephone, you must enter the code now.

- ▶ Enter the code using buttons **1** to **0**.
- ▶ If necessary, correct number entered with the CLR key. Press key briefly to delete the last digit entered; press key and hold to delete the complete number.

- ▶ Press the OK key after entering correct code.


The telephone is unlocked. If you have entered the wrong code, you must repeat the entering procedure with the correct code.

Switching off the telephone


- ▶ Press **TEL** button repeatedly until you see PHONE OFF in the display.

The receiving symbol in the display disappears.

Adjusting the volume

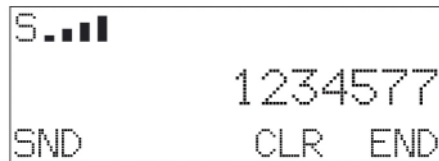
- ▶ Turn control knob  during telephone operation.

The volume increases or decreases depending on the direction in which the knob is turned.

 *The volume can be adjusted separately for the telephone and radio.*

Placing a call

Entering a telephone number and starting the dialing process



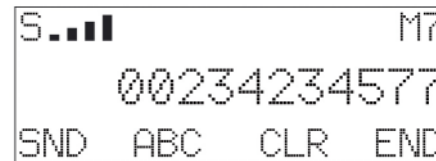
P82.60-4076-31

- ▶ Enter the desired telephone number using buttons **1** to **0**.
The number can have up to 32 digits, but only 13 of these are visible on the display.
- If necessary, correct number entered with the CLR key.
- ▶ Press key briefly to delete the last digit entered.
- ▶ Press key and hold to delete the complete number.
- ▶ After correct telephone number has been entered, press the SND key.

Phone book

The numbers stored in the phone book can be called up either by name or number.

Calling up the phone book



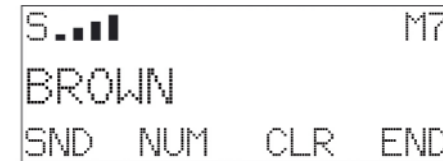
P82.60-4077-31

- ▶ Press **▲**, **▼**, **▶** or **◀** button.

Switching between name search and number search

- ▶ Press the ABC key.
The name search is called up.
- or
- ▶ Press the NUM key.
The number search is called up.

Searching and calling up phone book entries by name





P82.60-4078-31


- ▶ Press the ABC key.
The current name is highlighted on the display.
- ▶ Press either the **▲** or **▼** button.
The stored entries are selected according to the alphabetical order of the initial letter.
- or
- ▶ Press either the **▶** or **◀** button.
The stored entries are selected in increments of four.
- or




Controls in detail

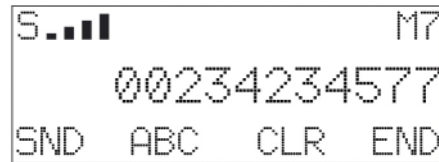
Audio system



- ▷▷▶ Press the desired numerical key  to .

The stored entries are selected according to the alphabetical order of the initial letters (e.g. for B -Brown, press button  twice).



 *Several characters and symbols cannot be shown on the display for technical reasons. They have been replaced with spaces.*

Searching and selecting phone book entries by number



- ▶ Press the NUM key.
The current number is marked in the display.
- ▶ Press either the  or  button.
The stored entries are selected according to numerical order.

or

- ▶ Press either the  or  button.
The stored entries are selected in increments of 5 (e.g. Entry M5, Entry M10, etc.).

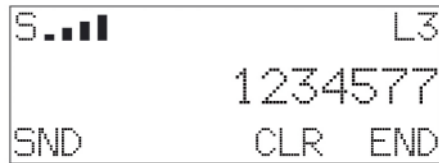
Starting dialing process

- ▶ Once you have selected a number, press the SND key.

Repeat dialing

If the number dialed is busy, you can again place calls to the last ten telephone numbers dialed using the repeat dialing function.

Manual repeat dialing (redial)



P82.60-4079-31

- ▶ Press the SND key.
The last number dialed is shown in the display.
- ▶ Select the desired telephone number using **▲**, **▼**, **▶** or **◀** button.
The abbreviation L and the number of the entry are shown in the top line of the display.
- ▶ When you have selected a number, press the SND key.
The call will be made.

Automatic repeat dialing (redial)

If a call cannot be connected, press the SND key.

REDIAL will appear in the display and repeated attempts to place the call will be made for the next 4 minutes.

Selecting numbers directly from the directory

- ▶ Enter previously selected 3-digit (1-999) number of the entry using number keys **1** to **0**.
- ▶ Press the RCL key.
The telephone number stored under that entry will be dialed.
- ▶ Press the SND key.
The call will be made.

Speed dialing

- ▶ Input desired entry number using number keys **1** to **0**.
A maximum of two digits can be entered.
If necessary, correct the last number entered with the CLR key.
- ▶ Press the SND key.
The telephone number stored under that entry will be dialed. The number, L and the full entry number will be shown in the display.

Quick-dialing

- ▶ Press one of the desired number buttons **1** to **0** longer than 1 second.
The telephone number saved under that number will be dialed.

! Please be aware that button **1** might already be reserved for an emergency call number.

Controls in detail

Audio system

Emergency calls “911”

The following describes how to dial a “911” emergency call using the audio system head unit when a Mercedes-Benz specified mobile phone is connected with the Bluetooth® interface. Unless otherwise specified, the descriptions refer to the audio system head unit.

Consult the separate telephone operating instructions that came with your mobile phone for information on how to place a “911” emergency call on the mobile phone.

Warning!



The “911” emergency call system is a public service. Using it without due cause is a criminal offense.

The following conditions must be met for a “911” emergency call:

- Telephone must be switched on.
- The corresponding mobile communications network must be available.

i *Emergency calls may not be possible with all telephone networks or if certain network services and/or telephone functions are active. Check with your local service providers.*

If you cannot make an emergency call, you will have to initiate rescue measures yourself.

Placing a “911” emergency call using audio head unit with the phone locked

- ▶ Press **TEL** button to switch to telephone operation.

You see **CODE?** in the audio display.

- ▶ Press button **1** on the audio head unit until you see 911 in the audio display.

You see 911 in the audio display while the telephone establishes the connection.

- ▶ Wait until the emergency call center answers, then describe the emergency.

Placing a “911” emergency call using audio head unit with the phone unlocked

- ▶ Press **TEL** button to switch to telephone operation.
- ▶ Enter 911 using the number keypad on the audio head unit.
- ▶ Press the **SND** key for dialing to begin. The telephone establishes the connection.
- ▶ Wait until the emergency call center answers, then describe the emergency.

Accepting an incoming call

Accepting an incoming call in telephone mode

With an incoming call, a ringing tone can be heard and the caller's telephone number, or the name under which this telephone number has been saved in the telephone book, appears on the display. If the caller's number is not transmitted, **CALL** will appear in the display.

- ▶ Press the **SND** key to accept call.

Accepting an incoming call in cassette, CD or radio mode

If the telephone is activated in the background (receiving symbol **S** visible on display), the audio source is muted when a call is received. The ringing tone is heard and the caller's telephone number or the name under which this telephone number has been saved in the telephone book appears on the display. If the caller's number is not transmitted, **CALL** appears in the display.

- ▶ Press the **SND** key to accept the call.

Controls in detail

Audio system

Muting a call

It is possible to mute a call; the caller is then no longer able to hear you.

Mute on

- ▶ Press the MUT key.

Mute off

- ▶ Press the MUT key.

Terminating a call

- ▶ Press the END key.
The current call is terminated.

Call waiting

If you receive another call during an already active call, you can accept the second call and switch between the two.

Accepting a second call

- ▶ Press the SND key.
You are connected with the second caller, the first call is muted.

Switching between the calls

- ▶ Press the SND key.

Terminating the second call

- ▶ Press the END key.
The current call will be terminated. You are connected with the muted call again.

Controls in detail

Automatic transmission

▼ Automatic transmission

For information on driving with an automatic transmission, see the “Getting started” section (▷ page 47).

Your vehicle’s transmission adapts its gear shifting process to your individual driving style by continually adjusting the shift points up or down. These shift point adjustments are performed based on current operating and driving conditions.

If the operating conditions change, the automatic transmission reacts by adjusting its gear shift program.

i During the brief warm-up, transmission upshifting is delayed. This allows the catalytic converter to heat up more quickly to operating temperature.

Warning!



Make sure that absolutely no objects are obstructing the pedals’ range of movement. Keep the driver’s footwell clear of all obstacles. If there are any floor mats or carpets in the footwell, make sure that the pedals still have sufficient clearance.

During sudden driving or braking maneuvers the objects could get caught between the pedals. You could then no longer brake or accelerate. This could lead to accidents and injury.

Gear selector lever

The gear selector lever is located on the lower part of the center console.



Gearshift pattern for automatic transmission

- P Park position
- R Reverse gear
- N Neutral
- D Drive position

i The current gear selector lever park position **P**, reverse gear **R**, neutral position **N** or drive position **D** appears in the right multifunction display (▷ page 117).

Controls in detail

Automatic transmission

Warning!



It is dangerous to shift the gear selector lever out of park position **P** or neutral position **N** if the engine speed is higher than idle speed. If your foot is not firmly on the brake pedal, the vehicle could accelerate quickly forward or reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the engine is idling normally and when your right foot is firmly on the brake pedal.

Shifting procedure

The automatic transmission selects individual gears automatically, depending on:

- the gear selector lever drive position **D** (▷ page 171) with gear ranges (▷ page 174)
- the selected shift program (**C/MAN/S**) (▷ page 175)
- the position of the accelerator pedal (▷ page 173)
- the vehicle speed

The current gear selector lever position (P/R/N/D), the gear range (1/2/3/4) and the shift program (C/M/S) are shown in the standard display (▷ page 117).

! Allow engine to warm up under low load use. Do not place full load on the engine until the operating temperature has been reached (▷ page 311).

*Shift into park position **P** or reverse gear **R** only when the vehicle is stopped.*

Avoid spinning of a drive wheel for an extended period when driving off on slippery road surfaces. This may cause serious damage to the drivetrain which is not covered by the Mercedes-Benz Limited Warranty.

When the gear selector lever is in drive position **D**, you can influence transmission shifting by:

- limiting the gear range
- changing gears manually

Controls in detail

Automatic transmission

Gear selector lever positions

	Effect
P	Park position Gear selector lever position when the vehicle is parked. Place gear selector lever in park position P only when vehicle is stopped. The park position is not intended to serve as a brake when the vehicle is parked. Rather, the driver should always set the parking brake in addition to placing the gear selector lever in park position P to secure the vehicle. The SmartKey can only be removed from the starter switch with the gear selector lever in park position P . With the SmartKey removed, the gear selector lever is locked in park position P .

Effect

R	Reverse gear Place gear selector lever in reverse gear R only when vehicle is stopped.
----------	---

Effect

N	Neutral No power is transmitted from the engine to the drive axle. When the brakes are released, the vehicle can be moved freely (pushed or towed). To avoid damage to the transmission, never engage neutral position N while driving. If the ESP [®] is deactivated or malfunctioning: Move gear selector lever to neutral position N only if the vehicle is in danger of skidding, e.g. on icy roads.
D	Drive position The transmission shifts automatically. All five forward gears are available.

Controls in detail

Automatic transmission

! *Coasting the vehicle, or driving for any other reason with gear selector lever in neutral position **N** can result in transmission damage that is not covered by the Mercedes-Benz Limited Warranty.*

Warning!



Getting out of your vehicle with the gear selector lever not fully engaged in park position **P** is dangerous. Also, park position **P** alone is not intended to or capable of preventing your vehicle from moving, possibly hitting people or objects.

Always set the parking brake in addition to shifting to park position **P** (▷ page 55).

When parked on an incline, turn the front wheels towards the road curb.

Do not park this vehicle in areas where combustible materials such as grass, hay or leaves can come into contact with the hot exhaust system, as these materials could be ignited and cause a vehicle fire.

Warning!



When leaving the vehicle, always remove the SmartKey from the starter switch, take it with you, and lock the vehicle. Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. Children could move the gear selector lever from park position **P**, which could result in an accident and/or serious personal injury.

Driving tips

Accelerator position

Your driving style influences the transmission's shifting behavior:

Less throttle	Earlier upshifting
More throttle	Later upshifting

Kickdown

Use kickdown when you want maximum acceleration.

- ▶ Press the accelerator past the point of resistance.
Depending on the engine speed the transmission shifts into a lower gear.
- ▶ Ease on the accelerator when you have reached the desired speed.

The transmission shifts up again.

i Kickdown in manual shift program **MAN** is not possible.

In kickdown operation, it is not possible to change gear with the steering wheel gear shift paddles.

Stopping

When you stop briefly, e.g. at traffic lights:

- ▶ Leave the transmission in gear.
- ▶ Hold the vehicle with the brake.

When you stop longer with the engine idling and/or on a hill:

- ▶ Set the parking brake.
- ▶ Move the gear selector lever to park position **P**.

Maneuvering

When you maneuver in tight areas, e.g. when pulling into a parking space:

- ▶ Control the vehicle speed by gradually releasing the brakes.
- ▶ Accelerate gently.
- ▶ Never abruptly step on the accelerator.

Working on the vehicle

Warning!



When working on the vehicle, set the parking brake and move gear selector lever to position **P**. Otherwise the vehicle could roll away.

Controls in detail

Automatic transmission

Gear ranges

With the gear selector lever in drive position **D** and driving in shift program **C** or **S**, you can select a gear range for the automatic transmission to operate within.

Gear selector lever (▷ page 175):

You can limit the gear range by pressing the gear selector lever to the left (**D-**), and reverse the gear range limit by pressing the gear selector lever to the right (**D+**).

Steering wheel gearshift paddles (▷ page 177):

You can limit the gear range by pulling the left gearshift paddle, and reverse the gear range limit by pulling the right gearshift paddle.

The selected gear range appears in the right multifunction display (▷ page 117).

i If, when driving in shift program **C** and **S** the maximum engine speed for the gear range has been reached, the transmission shifts up automatically, even if the gear range is restricted. In shift program **MAN** the transmission will not shift up automatically.

Effect

4 The transmission shifts through fourth gear only.

3 The transmission shifts through third gear only.

With this selection you can use the braking effect of the engine.

Effect

2 The transmission shifts through second gear only.

Allows the use of engine's braking power when driving:

- on steep downgrades
- in mountainous regions
- under extreme operating conditions

1 The transmission operates in the first gear only.

For maximum use of engine's braking effect on very steep or lengthy downgrades.

Shift program mode selector switch



① Program mode selector switch

C Comfort For comfort driving

MAN Manual For manual gear shifting
(▷ page 178)

S Sport For standard driving

The selected shift program appears in the right multifunction display (▷ page 117).

! *Never change the program when the gear selector lever is out of park position **P**. This could result in a change of driving characteristics for which you may not be prepared.*

► Turn the program mode selector switch to the desired setting.

The letter of the desired shift program appears in the right multifunction display.

Select **C** for comfort driving:

- The vehicle starts out in second gear for gentler starts. This does not apply if full throttle is applied or gear range **1** is selected.
- Traction and driving stability are improved on icy roads.
- Upshifts occur earlier even when you give more gas. The engine then operates at lower rpms and the wheels are less likely to spin.

Gear selector lever one-touch gearshifting

With the gear selector lever in drive position **D** and driving in shift program **C** or **S**, you can limit or extend the gear range.

With the **MAN** shift program activated, you can use the gear selector lever to manually shift the gears.

i *For information on using the gear selector lever in shift program **MAN**, see "Manual shift program" (▷ page 178).*

! *Allow engine to warm up under low load use. Do not place full load on the engine until the operating temperature has been reached.*

*Shift into reverse gear **R** or park position **P** only when the vehicle is stopped.*

Avoid spinning of a drive wheel for an extended period when driving off on slippery road surfaces. This may cause serious damage to the drivetrain which is not covered by the Mercedes-Benz Limited Warranty.

The following instructions describe operation of the gear selector lever when driving in the shift program **C** or **S**.

Controls in detail

Automatic transmission

Limiting gear range

Warning!



On slippery road surfaces, never downshift in order to obtain braking action. This could result in drive wheel slip and reduced vehicle control. Your vehicle's ABS will not prevent this type of loss of control.

- ▶ Briefly press the gear selector lever to the left in the **D-** direction.

The transmission will shift to the next lower gear as permitted by the shift program. This action simultaneously limits the gear range of the transmission (▷ page 174).

i To avoid overrevving the engine when downshifting, the transmission will not shift to a lower gear if the engine's max. speed would be exceeded.

Extending gear range

- ▶ Briefly press the gear selector lever to the right in the **D+** direction.

The transmission will shift to the next higher gear as permitted by the shift program. This action simultaneously extends the gear range of the transmission.

i If you press on the accelerator when the engine has reached its rpm limit, the transmission will upshift beyond any gear range limit selected.

Canceling gear range limit

- ▶ Press and hold the gear selector lever in the **D+** direction until **D** reappears in the right multifunction display.

The transmission will shift from the current gear range directly to gear range **D**.

Shifting into optimal gear range

- ▶ Press and hold the gear selector lever in the **D-** direction.

The transmission will automatically select the gear range suited for optimal acceleration and deceleration. This may involve shifting down one or more gears.

Steering wheel gearshift control one-touch gearshifting

With the gear selector lever in drive position **D** and driving in shift program **C** or **S**, you can limit or extend the gear range.

With the **MAN** shift program activated, you can use the steering wheel gearshift control to manually shift the gears.

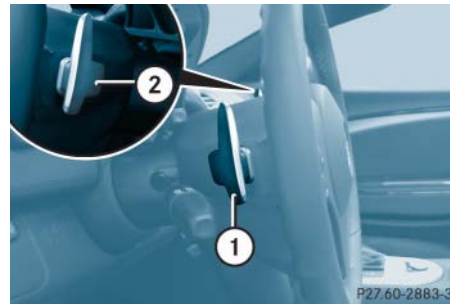
i For information on using the steering wheel gearshift control in shift program **MAN**, see “Manual shift program” (▷ page 178).

! Allow engine to warm up under low load use. Do not place full load on the engine until the operating temperature has been reached.

Shift into reverse gear **R** or park position **P** only when the vehicle is stopped.

Avoid spinning of a drive wheel for an extended period when driving off on slippery road surfaces. This may cause serious damage to the drivetrain which is not covered by the Mercedes-Benz Limited Warranty.

The steering wheel gearshift paddles are located on the left and right side of the steering wheel.



Steering wheel gearshift paddles

- ① Left paddle: limiting gear range or downshift (in shift program **MAN**)
- ② Right paddle: extending gear range or upshift (in shift program **MAN**)

i You cannot shift with the steering wheel gearshift paddles when the gear selector lever is in park position **P**, neutral position **N** or reverse gear **R**.

The following instructions describe operation of the gear selector lever when driving in the shift program **C** or **S**.

Limiting gear range

Warning!



On slippery road surfaces, never downshift in order to obtain braking action. This could result in drive wheel slip and reduced vehicle control. Your vehicle's ABS will not prevent this type of loss of control.

- ▶ Briefly pull left shift paddle ①.

The transmission will shift to the next lower gear as permitted by the shift program. This action simultaneously limits the gear range of the transmission (▷ page 174).



Controls in detail

Automatic transmission

- ▷▷ **i** To avoid overrevving the engine when downshifting, the transmission will not shift to a lower gear if the engine's max. speed would be exceeded.

Extending gear range

- ▶ Briefly pull right shift paddle ②.

The transmission will shift to the next higher gear as permitted by the shift program. This action simultaneously extends the gear range of the transmission.

- i** If you press on the accelerator when the engine has reached its rpm limit, the transmission will upshift beyond any gear range limit selected.

Canceling gear range limit

- ▶ Pull and hold right shift paddle ② until **D** reappears in the right multi-function display.

The transmission will shift from the current gear range directly to gear range **D**.

Shifting into optimal gear range

- ▶ Pull and hold left shift paddle ①.

The transmission will automatically select the gear range suited for optimal acceleration and deceleration. This may involve shifting down one or more gears.

Manual shift program

In addition to the shift program **C** or **S**, your vehicle is equipped with the **MAN** shift program.

In the manual shift program **MAN**, system-controlled automatic gearshifting is switched off and you need to change the gears by manually upshifting or downshifting using the steering wheel gearshift paddles (▷ page 177) or the gear selector lever (▷ page 175).

- !** Allow engine to warm up under low load use. Do not place full load on the engine until the operating temperature has been reached.

Shift into reverse gear **R** or park position **P** only when the vehicle is stopped.

Avoid spinning of a drive wheel for an extended period when driving off on slippery road surfaces. This may cause serious damage to the drivetrain which is not covered by the Mercedes-Benz Limited Warranty.

- i** Using the kickdown when driving in shift program **MAN** is not possible.

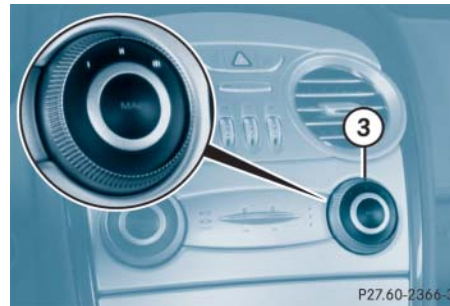
Activating manual shift program

- ▶ Turn program mode selector switch ① (▷ page 175) to the **MAN** setting.

The transmission switches to the manual program mode **M**. The letter **M** appears in the right multifunction display and the lamp in program mode selector switch ③ (▷ page 179) comes on. Automatic shifting is switched off. The gear range is not limited.

You can change the gears manually when the gear selector lever is in drive position **D**. You can upshift or downshift through the gears in succession.

Selecting manual shift program mode



- ③ Program mode selector switch for the manual shift program

- I Sport** For sporty driving
- II Super Sport** For very sporty driving
- III Race** For racing-like driving¹

The individual shifting programs differ with regard to spontaneity, response time, and shifting smoothness.

¹ Please always drive carefully and obey applicable speed limits.

- ▶ Turn program selector switch ③ to the desired setting (**I**, **II** or **III**).

i The currently selected manual shift program (**I**, **II** or **III**) does not appear in the right multifunction display. The current setting is indicated only on the program mode selector switch ③.

Downshifting

Warning!



On slippery road surfaces, never downshift in order to obtain braking action. This could result in drive wheel slip and reduced vehicle control. Your vehicle's ABS will not prevent this type of loss of control.

- ▶ Pull the left shift paddle ① (▷ page 177).


or

- ▶ Briefly press the gear selector lever to the left in the **D-** direction.


The transmission shifts to the next lower gear. ▷▷


Controls in detail

Automatic transmission

- ▷▷  When you brake or stop, the transmission shifts down to a gear from which you can easily accelerate or take off.

Upshifting


 In the manual program mode **M**, the transmission will not upshift, even if the engine has reached its overrevving range. Shift up to the next gear before the engine has reached its overrevving range. Make absolutely certain that the engine speed does not reach the red marking on the tachometer (▷ page 28). Otherwise the engine could be damaged which is not covered by the Mercedes-Benz Limited Warranty.

- ▶ Pull the right shift paddle  (▷ page 177).


or

- ▶ Briefly press the gear selector lever to the right in the **D+** direction.


The transmission shifts to the next higher gear.

If the red gearshift indicator lamp  comes on in the speedometer display (▷ page 29), shift to the next higher gear. The fuel supply will otherwise be interrupted to prevent the engine from overrevving.

Mercedes-Benz SLR McLaren Roadster 722S:

If you have selected the 722S menu (▷ page 123) and **up** appears in the right multifunction display in addition to the red gearshift indicator lamp , shift to the next higher gear. The fuel supply will otherwise be interrupted to prevent the engine from overrevving.

Deactivating manual gearshift program

- ▶ Turn program mode selector switch  (▷ page 175) to the shift program **C** or **S**.

The selected gearshift program appears in the right multifunction display.

Emergency operation (Limp-Home Mode)

If vehicle acceleration becomes less responsive or sluggish or the transmission no longer shifts, the transmission is most likely operating in limp-home (emergency operation) mode. In this mode only second gear and reverse gear can be activated.

- ▶ Stop the vehicle in a safe location.
- ▶ Move gear selector lever to park position **P**.
- ▶ Turn off the engine.
- ▶ Wait at least 10 seconds before restarting.
- ▶ Restart the engine.
- ▶ Move gear selector lever to drive position **D** (for second gear) or reverse gear **R**.
- ▶ Have the transmission checked at an authorized Mercedes-Benz Center as soon as possible.

▼ Good visibility

For information on the windshield wipers, see “Switching on windshield wipers” (▷ page 52).

Headlamp cleaning system

The button is located on the left side of the dashboard.



① Headlamp washer button

► Switch on the ignition (▷ page 40).

► Press button ①.

The headlamps are cleaned with a high-pressure water jet.

i The headlamps will automatically be cleaned when you have

- switched on the headlamps and
- operated the windshield wipers with windshield washer fluid fifteen times

When you switch off the ignition, the counter resets.

For information on filling up the washer reservoir, see “Windshield washer system and headlamp cleaning system” (▷ page 257).

Rear view mirrors

For more information on setting the rear view mirrors, see “Mirrors” (▷ page 43).

Auto-dimming mirror

The reflection brightness of the interior rear view mirror will respond automatically to glare when

- the ignition is switched on and
- incoming light from headlamps falls on the sensor in the interior rear view mirror

The rear view mirror will not react if

- reverse gear **R** is engaged
- the interior lighting is turned on

Controls in detail

Good visibility

Warning!



The auto-dimming function does not react if incoming light is not aimed directly at sensors in the interior rear view mirror.

Glare can endanger you and/or others.

Warning!



In case of an accident, liquid electrolyte may escape from the mirror housing if the mirror glass breaks.

Electrolyte has an irritating effect. Do not allow the liquid to come into contact with eyes, skin, clothing, or respiratory system. In case it does, immediately flush affected area with water, and seek medical help if necessary.

! *Electrolyte drops coming into contact with the vehicle paint finish can be completely removed only while in the liquid state and by applying plenty of water.*

Warning!



Exercise care when using the passenger-side exterior rear view mirror. The mirror surface is convex (outwardly curved surface for a wider field of view). Objects in mirror are closer than they appear. Check your interior rear view mirror or glance over your shoulder before changing lanes.

Sun visors

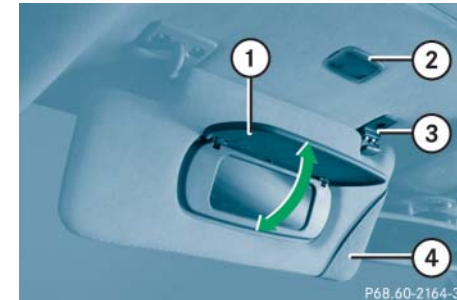
The sun visors protect you from sun glare while driving.

Warning!



Do not use the driver's side vanity mirror while driving.

Keep the mirrors in the sun visors closed while vehicle is in motion. Reflected glare can endanger you and/or others.



- ① Vanity mirror cover
- ② Vanity mirror lamp
- ③ Mounting
- ④ Holder for gas cards

Glare through the windshield

- ▶ Make sure the sun visor is properly engaged in mounting ③.
- ▶ Swing the respective sun visor down.
- ▶ When you do not experience glare anymore, swing the sun visor up.

Glare through a door window

- ▶ Swing respective sun visor down.
- ▶ Disengage the sun visor from mounting ③.

i When the sun visor is disengaged from mounting ③, vanity mirror lamp ② switches off.

- ▶ Pivot the sun visor to the side.

! To avoid damage to vanity mirror cover ①, make sure it is closed before pivoting the sun visor to the side.

Vanity mirror

- ▶ Swing respective sun visor down.
- ▶ Flip up vanity mirror cover ① to access the vanity mirror.
Vanity mirror lamp ② comes on.
- ▶ After using the vanity mirror, flip down vanity mirror cover ①.
- ▶ Swing the sun visor up.

Rear window defroster


The rear window defroster uses a large amount of power. To keep the battery drain to a minimum, switch off the defroster as soon as the rear window is clear. The defroster is automatically deactivated after approximately 6 to 17 minutes of operation depending on the outside temperature.

Warning!



Any accumulation of snow and ice should be removed from the rear window before driving. Visibility could otherwise be impaired, endangering you and/or others.

Activating

- ▶ Press button  on the automatic climate control panel (▷ page 186).
The indicator lamp on the button comes on.

! If the rear window defroster switches off too soon and the indicator lamp starts flashing, this means that too many electrical consumers are operating simultaneously and there is insufficient voltage in the battery. The system responds automatically by deactivating the rear window defroster.

As soon as the battery has sufficient voltage, the rear window defroster automatically switches back on automatically.

Deactivating

- ▶ Press button  again.

The indicator lamp on the button goes out.

Controls in detail

Automatic climate control



Controls in detail

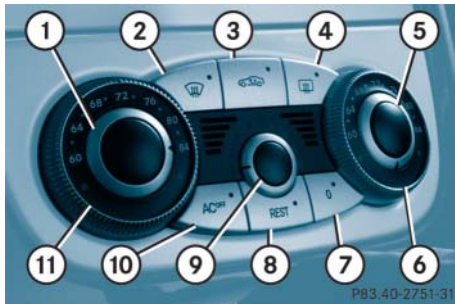
Automatic climate control

	Function
①	Left side air vent, adjustable
②	Left center air vent, adjustable
③	Air temperature controls for center and side air vents
④	Right center air vent, adjustable
⑤	Right side air vent, adjustable
⑥	Air volume control for right side air vent
⑦	Air volume control for center air vents
⑧	Air volume control for left side air vent
⑨	Automatic climate control panel

i For draft-free ventilation, move the sliders for the center air vents to the middle position.

Controls in detail

Automatic climate control



Automatic climate control panel

	Function
①	Air distribution, left (automatic or manual operation)
②	Front defroster
③	Air recirculation
④	Rear window defroster (▷ page 183)
⑤	Air distribution, right (automatic or manual operation)

	Function
⑥	Temperature control, right
⑦	Automatic climate control on/off (entire system)
⑧	Residual heat/ventilation
⑨	Air volume control (automatic or manual operation)
⑩	AC cooling on/off
⑪	Temperature control, left

Controls in detail

Automatic climate control

The automatic climate control is operational whenever the engine is running. You can operate the climate control system in either the automatic or manual mode. The system cools or heats the interior depending on the selected interior temperature and the current outside temperature.

Warning!



When operating the automatic climate control, the air that enters the passenger compartment through the air vents can be very hot or very cold (depending on the set temperature). This may cause burns or frostbite to unprotected skin in the immediate area of the air vents. Always keep sufficient distance between unprotected parts of the body and the air vents. If necessary, use the air distribution controls (▷ page 190) to direct the air to air vents in the vehicle interior that are not in the immediate area of unprotected skin.

Nearly all dust particles, pollutants and odors are filtered out before outside air enters the passenger compartment through the air distribution system.

The air conditioning will not engage (no cooling) if the **AC^{OFF}** mode is activated (▷ page 194).

Warning!



Follow the recommended settings for heating and cooling given on the following pages. Otherwise the windows could fog up, impairing visibility and endangering you and/or others.

i Severe conditions (e.g. strong air pollution) may require replacement of the filter before its scheduled interval. A clogged filter will reduce the air volume to the interior.

If the vehicle interior is hot, ventilate the interior before driving off. The automatic climate control will then adjust the interior temperature to the set value much faster.

Keep the air intake grille in front of the windshield free of snow and debris.

Controls in detail

Automatic climate control

Deactivating the automatic climate control system

Warning!



When the automatic climate control system is switched off, the outside air supply and circulation are also switched off. Only choose this setting for a short time. Otherwise the windows could fog up, impairing visibility and endangering you and/or others.

Deactivating

It is possible to completely deactivate the automatic climate control system.

- ▶ Press button **0** (▷ page 186).
The indicator lamp on the button comes on.

i Under certain circumstances, e.g. when the fuel system is too hot and needs to be cooled, the cooling switches on again automatically. The red lamp on the **AC^{OFF}** button the automatic climate control panel flashes.

After cooling the fuel system sufficiently, the air conditioning switches off again and the red lamp stops flashing.

Reactivating

- ▶ Press button **0** (▷ page 186).
The indicator lamp on the button goes out.
- or
- ▶ Turn one of the temperature controls on the automatic climate control (▷ page 186).
The indicator lamp on button **0** goes out.

Operating the automatic climate control system in automatic mode

Air distribution and air volume can be adjusted automatically by the automatic climate control system. You can also adjust the settings for air distribution and air volume manually.

i When operating the automatic climate control system in automatic mode, you will only rarely need to adjust the temperature, air volume and air distribution.

In automatic mode, cooling with dehumidification is switched on. This function can be switched off if necessary (▷ page 194).

Air distribution in automatic mode

You can separately adjust the air distribution for each side of the passenger compartment.

Activating

- ▶ Press control button ① or ⑤ (▷ page 186).

The control button is engaged.

The **AUTO** symbol on the control button comes on. Air distribution for the respective side of the passenger compartment is adjusted automatically.

Deactivating

- ▶ Press control button ① or ⑤ (▷ page 186) once more.

The control button sticks up slightly. The **AUTO** symbol on the control button goes out. Automatic air distribution for the respective side of the passenger compartment is switched off. Adjust the air distribution manually (▷ page 190).

Air volume in automatic mode

The air volume settings are the same for the entire passenger compartment.

Activating

- ▶ Press control button ⑨ (▷ page 186).

The control button is engaged.

The **AUTO** symbol on the control button comes on.

Deactivating

- ▶ Press control button ⑨ (▷ page 186) once more.

The control button sticks up slightly.

The **AUTO** symbol on the control button goes out. Adjust the air volume manually (▷ page 191).

Setting the temperature

Use temperature controls ⑥ and ⑪ to separately adjust the air temperature on each side of the passenger compartment. You should raise or lower the temperature setting in small increments, preferably starting at 72°F (22°C). The automatic climate control will adjust to the set temperature as fast as possible.

Increasing

- ▶ Turn temperature control ⑥ and/or ⑪ (▷ page 186) slightly clockwise.

The automatic climate control system will correspondingly adjust the interior air temperature.

Controls in detail

Automatic climate control

Decreasing

- ▶ Turn temperature control ⑥ and/or ⑪ (> page 186) slightly counterclockwise.

The automatic climate control system will correspondingly adjust the interior air temperature.

Adjusting the temperature for the center and side air vents

When outside temperatures are low, you can manually raise the air temperature for the center and side air vents. The controls ③ are located between the center air vents (> page 185).

Turning on warm air

- ▶ Press the left button (red).
The indicator lamp on the button comes on. Warm air will enter from the center and side air vents.

Turning off warm air

- ▶ Press the left button (red).
The indicator lamp on the button goes out. The air from the outlets will return to the temperature set in the system.

Turning on cooler air





- ▶ Press the right button (blue).
The indicator lamp on the button comes on. Cooler air will enter from the center and side air vents.

Turning off cooler air

- ▶ Press the right button (blue).
The indicator lamp on the button goes out. The air from the outlets will return to the temperature set in the system.

Adjusting air distribution

Use air distribution controls ① and ⑤ (> page 186) to separately adjust the air distribution on each side of the passenger compartment. The following symbols are found on the controls:

Symbol	Function
	Directs air through the center and side air vents
	Directs air to the windows
	Directs air into the entire vehicle interior
	Directs air to the footwells

- ▶ Press control button ① or ⑤ (> page 186) until the control button sticks up slightly and the **AUTO** symbol on the control button is out.

Automatic air distribution for the respective side of the passenger compartment is switched off.

Controls in detail

Automatic climate control

- ▶ Turn control button to the desired symbol.

The air distribution is adjusted according to the chosen setting.

i You can also turn the air distribution control to a position between two symbols.

Opening the center air vents

- ▶ Turn thumbwheel ⑦ (▷ page 185) upward.

Center air vents ② and ④ (▷ page 185) are open.

Closing the center air vents

- ▶ Turn thumbwheel ⑦ (▷ page 185) downward.

Center air vents ② and ④ (▷ page 185) are closed.

Opening the side air vents

- ▶ Turn thumbwheel ⑥ and ⑧ (▷ page 185) upward.

The corresponding side air vent is open.

Closing the side air vents

- ▶ Turn thumbwheel ⑥ and ⑧ (▷ page 185) upward.

The corresponding side air vent is closed.

i The air vents are continuously variable.

Adjusting air volume

Use air volume control ⑨ (▷ page 186) for both automatic (▷ page 188) and manual air volume adjustment. Nine blower speeds are available.

- ▶ Press control button ⑨ (▷ page 186).

The control button sticks up slightly.

The **AUTO** symbol on the control button goes out. Automatic air volume control is switched off. The air volume is adjusted corresponding to the set blower speed.

Maximum cooling MAX COOL

If the left and right air distribution controls as well as the airflow volume control are set to **AUTO** and there is a high need for cooling, MAX COOL is activated.

This provides the fastest possible cooling of the vehicle interior, when the soft top is closed.

Controls in detail

Automatic climate control

Front defroster

You can use this setting to defrost the windshield, for example if it is iced up. You can also defog the windshield and the door windows.

i Keep this setting selected only until the windshield or the door windows are clear again.

Activating


- ▶ Press button  (▷ page 186).

The indicator lamp on the button comes on.

The air conditioning switches to the following functions automatically:

- cooling on to dehumidify
- maximum blower speed and heating power
- air flows onto the windshield and the door windows
- the air recirculation mode is switched off

Deactivating

- ▶ Press button  (▷ page 186).
The indicator lamp on the button goes out. Defrosting is turned off.
The previous settings are in effect again.



i The cooling remains switched on.

Windshield fogged on the outside

i Keep this setting selected only until the windshield is clear again.

- ▶ Switch the windshield wipers on (▷ page 52).

If the automatic air distribution and air volume are switched off:

- ▶ Turn air distribution controls ① and ⑤ (▷ page 186) to position  or .

or

- ▶ Press control buttons ①, ⑤ and ⑨ (▷ page 186).

The control buttons are engaged.


The **AUTO** symbol on the control buttons come on. Air distribution and air volume are adjusted automatically.

Air recirculation mode

Switch to air recirculation mode to prevent unpleasant odors from entering the vehicle from the outside. This setting cuts off the intake of outside air and recirculates the air in the passenger compartment.

Warning!



Fogged windows impair visibility, endangering you and others. If the windows begin to fog on the inside, switching off the air recirculation mode immediately should clear interior window fogging. If interior window fogging persists, make sure the air conditioning (▷ page 194) is activated, or press button .

Activating

▶ Press button  (▷ page 186).

The indicator lamp on the button comes on.

i *The air recirculation mode is activated automatically*

- *at high outside temperatures*
- *if the concentration of carbon monoxide (CO) and nitrogen oxide (NO_x) in the outside air increases, for example in a tunnel*

A quantity of outside air is added after approximately 30 minutes.

If you have turned off the air conditioning (▷ page 194) or the outside temperature is below 41 °F (5 °C), the air recirculation mode will not switch on automatically.

Deactivating

▶ Press button  (▷ page 186).

The indicator lamp on the button goes out.

i *The manually selected air recirculation mode is deactivated automatically*

- *after 5 minutes if the outside temperature is below approximately 41 °F (5 °C)*
- *after 5 minutes if the air conditioning is turned off*
- *after 30 minutes if the outside temperature is above approximately 41 °F (5 °C)*

At outside temperatures above 79 °F (26 °C) the system will not automatically switch back to outside air.

Controls in detail

Automatic climate control

Air conditioning

The air conditioning (cooling) function is operational when the engine is running and cools the vehicle interior down to the selected temperature. In addition, the cooling function dehumidifies the air in the vehicle interior, thus preventing the windows from fogging up.

Warning!



If you turn off the cooling function, the vehicle will not be cooled when weather conditions are warm. The windows can fog up more quickly. Window fogging may impair visibility and endanger you and/or others.

i Condensation may drip out from underneath the vehicle. This is normal and not an indication of a malfunction.

Deactivating

It is possible to deactivate the cooling function of the automatic climate control system. The air in the vehicle will then no longer be cooled or dehumidified.

- ▶ Press **AC^{OFF}** button (▷ page 186).

The indicator lamp on the **AC^{OFF}** button comes on. The cooling function switches off after a short delay.

i Under certain circumstances, e.g. when the fuel system is too hot and needs to be cooled, the cooling switches on again automatically. The red lamp on the **AC^{OFF}** button the automatic climate control panel flashes.

After cooling the fuel system sufficiently, the air conditioning switches off again and the red lamp stops flashing.

Activating

Moist air can fog up the windows. You can dehumidify the air with the air conditioning.

- ▶ Press **AC^{OFF}** button again (▷ page 186).

The indicator lamp on the **AC^{OFF}** button goes out.

The air conditioning uses the refrigerant R134a. This refrigerant is free of CFCs which are harmful to the ozone layer.

! If you press the **AC^{OFF}** button on the automatic climate control panel and it starts to flash, this indicates that the air conditioning is losing refrigerant. The compressor has turned off. The air conditioning cannot be turned on again.

Have the air conditioning checked at the nearest authorized Mercedes-Benz Center.

Residual heat and ventilation

With the engine switched off, it is possible to continue to heat or ventilate the interior for up to 30 minutes. This feature makes use of the residual heat produced by the engine.

i *How long the system will provide heating depends on the coolant temperature and the selected temperature. The blower will run at low speed regardless of the air distribution control setting.*

Activating

- ▶ Turn the SmartKey in the starter switch to position **1** or **0** or remove it from the starter switch.
- ▶ Press button **REST** (▷ page 186).
The indicator lamp on button comes on.

Deactivating

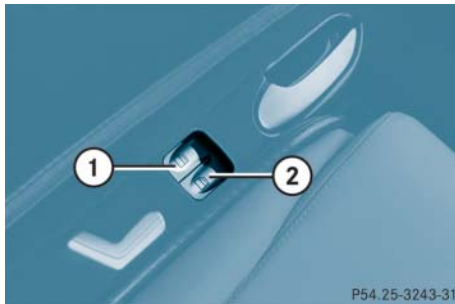
- ▶ Press button **REST** (▷ page 186).
The indicator lamp on button goes out.
- The residual heat is automatically turned off:
- when the ignition is switched on
 - after about 30 minutes
 - if the battery voltage drops
 - if the coolant temperature is too low

Controls in detail

Open air

Opening and closing the door windows

The door windows are opened and closed electrically. The switches for the door windows are located on the door sill on the driver's side (▷ page 34). The switch for the passenger side is located on the door sill on the passenger side.



- ① Left window
- ② Right window



Warning!



When closing the door windows, make sure there is no danger of anyone being harmed by the closing procedure.

The closing of the door windows can be immediately halted by releasing the switch or, if switch was pulled past the resistance point and released, by either pressing or pulling the respective switch.

If the window encounters an obstruction that blocks its path in a circumstance where you pulled the switch past the resistance point and released it to close the window, the automatic reversal function will stop the window and open it slightly.

If the window encounters an obstruction that blocks its path in a circumstance where you are closing the window by pulling and holding the switch, or by pressing and holding button  on the SmartKey, or by pressing and holding the  button on the climate control panel, the automatic reversal function will not operate.

When leaving the vehicle, always remove the SmartKey from starter switch, take it with you, and lock the vehicle. Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.

i After switching off the ignition (▷ page 40) or removing the SmartKey from the starter switch, the door windows can be operated

- until you open a door
 - for at least 5 minutes if no door was opened
- Switch on the ignition (▷ page 40).

Opening the door windows

- ▶ Press switch ① or ② to the resistance point.

The corresponding window will move downwards until you release the switch.

Closing the door windows

- ▶ Pull switch ① or ② to the resistance point.

The corresponding window will move upwards until you release the switch.

Warning!



If you pull and hold the switch up when closing the window, and upward movement of the window is blocked by some obstruction including but not limited to arms, hands, fingers, etc., the automatic reversal will not operate.

Fully opening the door windows (Express-open)

- ▶ Press switch ① or ② past the resistance point and release.

The corresponding window opens completely.

Fully closing the door windows (Express-close)

- ▶ Pull switch ① or ② past the resistance point and release.

The corresponding window closes completely.

Warning!



Driver's door only:
If within 5 seconds you again pull the switch past the resistance point and release, the automatic reversal will not function.

! If the upward movement of the window is blocked during the closing procedure, the window will stop and open slightly.

Remove the obstruction, pull the switch again past the resistance point and release.

If the window still does not close when there is no obstruction, then pull and hold the switch again. The window will then close without the obstruction sensor function.

Stopping the door windows

- ▶ Press or pull respective switch again.

Controls in detail

Open air

Synchronizing power windows

The power windows must be synchronized each time

- after the battery has been disconnected
 - if the power windows cannot be fully opened (Express-open) or closed (Express-close)
- ▶ Switch on the ignition (▷ page 40).
- ▶ Pull the power window switches until the windows are closed.

Hold the switches for approximately 1 second.

The power windows are synchronized.

Opening and closing the soft top

For safety reasons, the soft top can only be opened and closed when the vehicle is stationary.

Also for safety reasons, the door windows open automatically if the soft top is not opened or closed completely and a door is open.


Warning!



To prevent possible accidents, only drive the vehicle with the soft top either completely closed and locked, or fully lowered into its storage compartment.

If the soft top does not open or close completely, the soft top hydraulic system is depressurized and the soft top is lowered:

- after approximately seven minutes when the ignition is switched on
- after approximately 15 seconds when the ignition is switched off

Shortly before the soft top is lowered, a warning will sound and the  symbol and the message Top Lowering appear in the multifunction display.

Lock the soft top again before driving any further. Otherwise, the unlocked soft top could open while the vehicle is in motion and cause you to lose control of the vehicle. You or others could be injured as a result.

Warning!



When opening or closing the soft top, make sure that nobody is trapped or injured by the moving parts such as the soft top linkage.

If potential danger exists, release the soft top switch. The soft top folding mechanism stops immediately.

Warning!



When leaving the vehicle, always remove the SmartKey from the starter switch, take it with you, and lock the vehicle. Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.

! *The opened soft top is stored behind the roll-over bars. Never sit on the stored soft top and never store objects on it. You will otherwise damage the soft top.*

Never use the space that emerges between the roll-over bars and the rear window when the soft top is closed as a storing space.

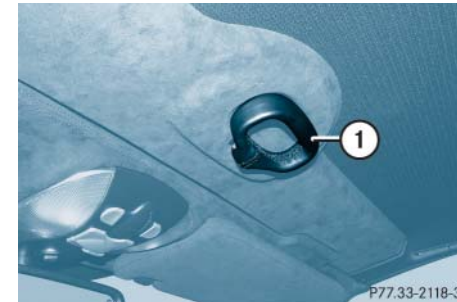
! *When you open or close the soft top, make sure*

- *there is sufficient clearance, as the soft top swings upwards*
- *that the soft top fabric is not frozen*
- *that the soft top is not dirty or wet*
- *that no items are placed on the soft top*

Otherwise the soft top or other vehicle components could be damaged.

! *Please keep in mind that weather conditions can sometimes change rapidly. Make sure to close the soft top when leaving the vehicle. If water enters the vehicle interior, vehicle electronics could be damaged which is not covered by the Mercedes-Benz Limited Warranty.*

Your vehicle is equipped with a semi-automatic soft top. This means that you will have to release or lock the soft top manually by means of a handle. The soft top can be opened or closed electrically using the buttons on the soft top switch.



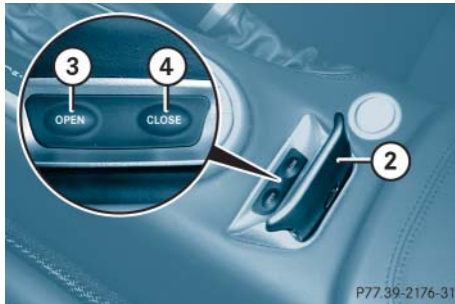
① Handle

Handle ① serves to release or lock the soft top.

Controls in detail

Open air

The soft top switch is located on the lower part of the center console.



Soft top switch cover

- ② Cover
- ③ To open the soft top
- ④ To close the soft top

Opening the soft top

i Make sure that the soft top is dry before opening it. Otherwise, water may enter the interior.


- ▶ Switch on the ignition.
- ▶ Fold down handle ①.
- ▶ Turn the handle clockwise as far as it will go and leave it in this position (release position).

! Leave the handle in the release position. Do not turn it back. Otherwise, the locking mechanism could be damaged when closing the soft top.

- ▶ Push the soft top up by means of the handle as far as it will go.

The soft top is released. An acoustic signal indicates that you can now open the soft top electrically.

- ▶ Open soft top switch cover ②.
- ▶ Press and hold button ③, until the soft top has opened completely and until it has locked.

While the soft top is opening, the  symbol and the message Top In Operation appear in the multifunction display.


The windows open.

The opening process is completed.

Closing the soft top

! Always remove the soft top linkage covers (> page 202) before closing the soft top. You could otherwise damage the covers or the linkages.

- ▶ Switch on the ignition.
- ▶ Press and hold button ④, until the electrical closing process has been completed.

While the soft top is closing, the  symbol and the message Top In Operation appear in the multifunction display.

An acoustic signal indicates that you can now lock the soft top.

! Before pulling the soft top down, make sure that the handle is in the release position. Otherwise, the locking mechanism could be damaged when closing the soft top.

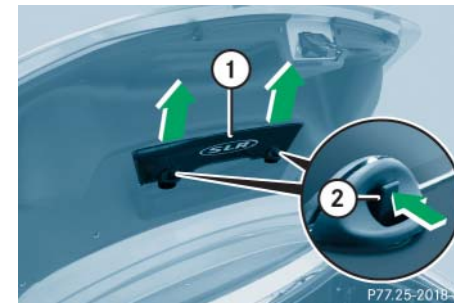
- ▶ Pull the soft top by means of the handle down on the windscreen frame.
- ▶ Turn the handle counter-clockwise as far as it will go.
The soft top is locked.
- ▶ Fold up the handle.

Wind screen

The wind screen is a wind protection device for driving with the soft top open.

! Do not pull on the wind screen to close the trunk lid. Otherwise, the wind screen or the trim panel could be damaged.

The wind screen is stored on the inside of the trunk lid.



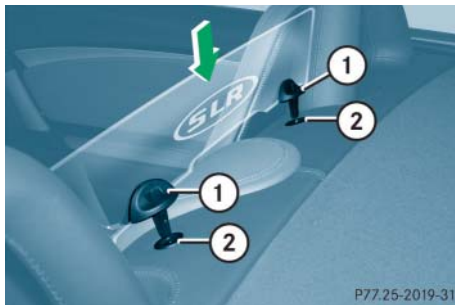
- ① Wind screen
- ② Release

Controls in detail

Open air

- ▶ Press on releases ② in direction of the arrow and pull wind screen ① out upwards.

Installing

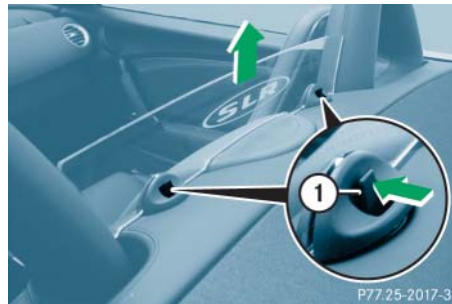


- ① Mounting
- ② Recess

- ▶ Insert mountings ① into recesses ②. The mountings must audibly engage.
- ▶ Make sure the mountings are properly engaged.

Removing

You can close the soft top without removing the wind screen.



① Release

- ▶ Press on releases ① in direction of the arrow and pull the wind screen out upwards.
- ▶ Store the wind screen back into the trunk lid.

Linkage covers

! Always remove the soft top linkage covers before closing the soft top. You could otherwise damage the covers or the linkages.

The covers are located in a bag that is located in the trunk.



- ▶ Take out bag in direction of arrow.

Installing

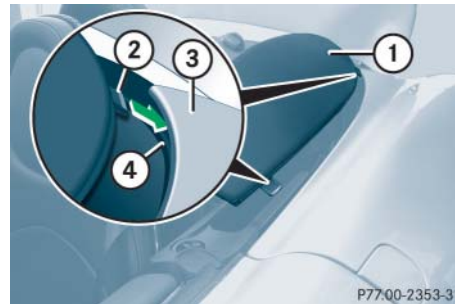
The following describes the installation of the driver's side cover. The installation of the passenger-side cover is identical but mirror-inverted.

Warning!

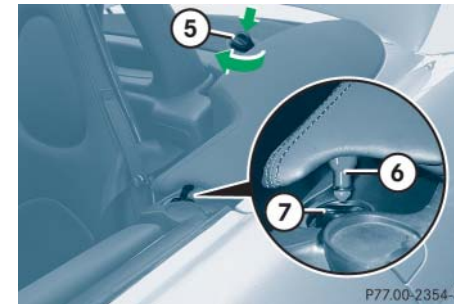


Do not use damaged covers. Damaged covers could come loose while driving and hit other road users.

! Do not use damaged covers. Damaged covers could come loose while driving and damage the vehicle.



- ① Cover
 - ② Tab
 - ③ Bodywork
 - ④ Sealing
- ▶ Open the trunk lid.
 - ▶ Fit tabs ② of cover ① between sealing ④ and bodywork ③.



- ⑤ Lock
 - ⑥ Holder
 - ⑦ Slot
- ▶ Press down on lock ⑤ and turn it clockwise by 90°.
 - ▶ Hold the lock in this position and insert holder ⑥ into slot ⑦.
 - ▶ Press down on the cover and turn the lock counter-clockwise by 90°. >>

Controls in detail

Open air



The cover is properly locked when the white markings face each other.

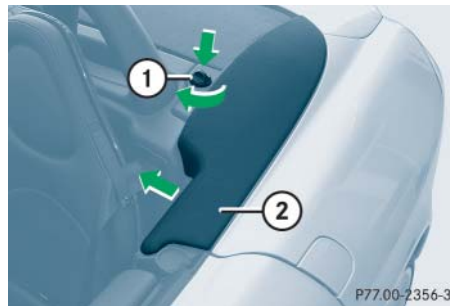
Warning!



Covers that are not properly locked, could come loose while driving and hit other road users.

Therefore, make sure that the covers are properly locked.

Removing



- ① Lock
- ② Cover

- ▶ Open the trunk lid.
- ▶ Press down on lock ① and turn it clockwise by 90°.
- ▶ Lift cover ② slightly and pull it out in direction of the arrow.
- ▶ Repeat the above steps for the passenger-side cover.
- ▶ Store both covers into the bag and put the bag in the trunk.

▼ Driving systems

The driving system of your vehicle is described on the following pages:

- Cruise control, with which the vehicle can maintain a preset speed

For information on the BAS, ABS and ESP®, see “Driving safety systems” (▷ page 82).

Cruise control

Cruise control automatically maintains the speed you set for your vehicle.

Use of cruise control is recommended for driving at a constant speed for extended periods of time. You can set or resume the cruise control at any speed over 20 mph (30 km/h).

The cruise control function is operated by means of the cruise control lever.

The cruise control lever is the uppermost lever on the left-hand side of the steering column (▷ page 30).

Warning!



The Cruise control is a convenience system designed to assist the driver during vehicle operation. The driver is and must always remain responsible for the vehicle's speed and for safe brake operation.

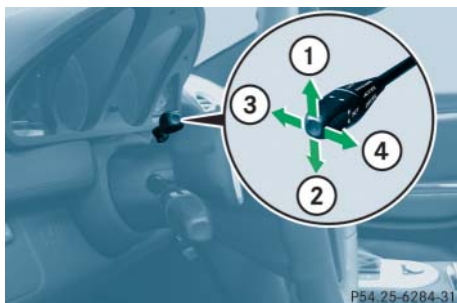
Only use the cruise control if the road, traffic and weather conditions make it advisable to travel at a steady speed.

- The use of the cruise control can be dangerous on winding roads or in heavy traffic because conditions do not allow safe driving at a steady speed.
- The use of the cruise control can be dangerous on slippery roads. Rapid changes in tire traction can result in wheel spin and loss of control.
- Deactivate the cruise control when driving in fog.

The “Resume” function should only be operated if the driver is fully aware of the previously set speed and wishes to resume this particular preset speed.

Controls in detail

Driving systems



- ① Sets current or higher speed
- ② Sets current or lower speed
- ③ Cancels the cruise control
- ④ Resumes at last set speed

Setting current speed

- ▶ Accelerate or decelerate to the desired speed.
- ▶ Briefly lift ① or depress ② the cruise control lever.

The current speed is set.

- ▶ Remove your foot from the accelerator pedal.

The cruise control is activated.

i On uphill or downhill grades, the cruise control may not be able to maintain the set speed. Once the grade eases, the set speed will be resumed.

Canceling the cruise control

There are several ways to cancel the cruise control:

- ▶ Step on the brake pedal.

The cruise control is canceled. The last speed set is stored for later use.

or

- ▶ Briefly push the cruise control lever to position ③.

The cruise control is canceled. The last speed set is stored for later use.

The cruise control is automatically cancelled, when

- the vehicle speed is below 20 mph (30 km/h)
- ESP® is in operation or switched off with the ESP® switch (▷ page 87)
- you move the gear selector lever to neutral position **N** while driving

! However, the gear selector lever should not be moved to neutral position **N** while driving, except to coast when the vehicle is in danger of skidding (e.g. on icy roads).

i Depressing the accelerator pedal does not deactivate the cruise control. After brief acceleration (e.g. for passing), the cruise control will resume the last speed set.

The last stored speed is canceled when you turn off the engine.

Setting a higher speed

Warning!



If you increase the set vehicle speed, keep in mind that it may take a brief moment until the vehicle has made the necessary adjustments.

Increase the set vehicle speed to a value that the prevailing road conditions and legal speed limits permit. Otherwise, sudden and unexpected acceleration of the vehicle could cause an accident and/or serious injury to you and others.

- ▶ Lift the cruise control lever to position ① and hold it up until the desired speed is reached.
- ▶ Release the cruise control lever.
The new speed is set.

i *Depressing the accelerator pedal does not deactivate the cruise control. After brief acceleration (e.g. for passing), the cruise control will resume the last speed set.*

Setting a lower speed

Warning!



If you decrease the set vehicle speed, keep in mind that it may take a brief moment until the vehicle has made the necessary adjustments.

Decrease the set vehicle speed to a value that the prevailing road conditions and legal speed limits permit. Otherwise, sudden and unexpected acceleration of the vehicle could cause an accident and/or serious injury to you and others.

- ▶ Depress the cruise control lever to position ② and hold it down until the desired speed is reached.
- ▶ Release the cruise control lever.
The new speed is set.

i *When you use the cruise control lever to decelerate, the transmission will automatically downshift if the engine's braking power does not brake the vehicle sufficiently.*

Controls in detail

Driving systems

Fine adjustment in 1 mph (Canada: 1 km/h) increments

Faster

- ▶ Briefly tip the cruise control lever in direction of arrow ①.

Slower

- ▶ Briefly tip the cruise control lever in direction of arrow ②.

Setting to last stored speed ("Resume" function)

Warning!



The speed stored in memory should only be set again if prevailing road conditions permit. Possible acceleration or deceleration differences arising from returning to preset speed could cause an accident and/or serious injury to you and/or others.

- ▶ Briefly push the cruise control lever to position ④.
The cruise control resumes the last set speed.
- ▶ Remove your foot from the accelerator pedal.

▼ Useful features

Map pocket in passenger footwell

Warning!



Do not place heavy or fragile objects, or objects having sharp edges in the map pocket. In an accident, during hard braking or sudden maneuvers, they could be thrown around inside the vehicle, and cause injury to vehicle occupants.

i Canada only: The compact guide is located in the map pocket.

Storage compartments

Warning!

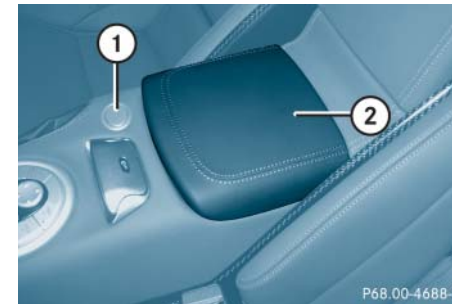


To help avoid personal injury during a collision or sudden maneuver, exercise care when storing objects in the vehicle. Put luggage or cargo in the trunk. Do not pile luggage or cargo higher than the seat backs. Do not place anything on the shelf below the rear window.

Parcel nets cannot secure hard or heavy objects.

Keep compartment lids closed. This will help to prevent stored objects from being thrown about and injuring vehicle occupants during an accident.

Storage compartment under armrest



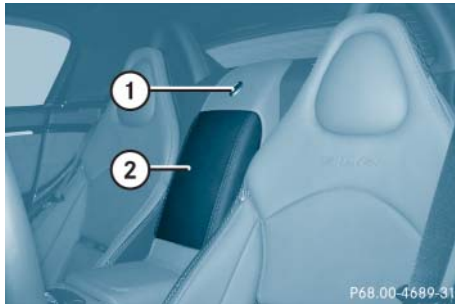
- ① Release button
- ② Armrest

► Press release button ①.
The armrest ② opens automatically.

Controls in detail

Useful features

Storage compartment between the backrests



- ① Release button
- ② Cover

- ▶ Press release button ①.

Cover ② opens automatically.

The Bluetooth® interface (▷ page 213) is installed in the cover of the storage compartment.

Parcel net in trunk

There is a net available in the trunk to secure loads:

- ▶ Pull the trunk floor net from the trunk back wall towards the front over the luggage.
- ▶ Hang the hooks of the net on the eyes on the trunk floor.

Ashtray and cigarette lighter

The ashtray and the cigarette lighter are located in the storage compartment under the armrest.



- ① Cigarette lighter
- ② Ashtray insert

Ashtray

Warning!



Remove ashtray insert only with vehicle standing still.

Removing ashtray insert

- ▶ Pull ashtray insert ② upwards.

Replacing ashtray insert

- ▶ Press the ashtray insert into the holder until you hear it click into place.

Cigarette lighter

Warning!



Never touch the heating element or sides of the lighter; they are extremely hot. Hold the knob only.

Make sure that any children traveling with you do not injure themselves or start a fire with the hot cigarette lighter.

When leaving the vehicle, always remove the SmartKey from the starter switch, take it with you, and lock the vehicle. Do not leave children unattended in the vehicle, or with access to an unlocked vehicle. A child's unsupervised access to a vehicle could result in an accident and/or serious personal injury.

- ▶ Switch on the ignition (▷ page 40).
- ▶ Push in cigarette lighter ①.

The cigarette lighter pops out automatically when hot.

! *The lighter socket can accommodate 12V DC electrical accessories (up to a maximum of 85 W) designed for use with the standard "cigarette lighter" plug type. Keep in mind, however, that connecting accessories to the lighter socket (for example extensive connecting and disconnecting, or using plugs that do not fit properly) can damage the lighter socket. With the socket damaged, the lighter may no longer be able to be placed in the heating (pushed-in) position, or the lighter may pop out too early with the lighter not hot enough.*

To help avoid damaging the cigarette lighter socket, we recommend connecting 12V DC electrical accessories designed for use with a standard "cigarette lighter" plug type to the 12-volt power outlets in your vehicle whenever possible.

Controls in detail

Useful features

Power outlet

The power outlet is located on the left side in the trunk.



① Power outlet

- ▶ Switch on the ignition (▷ page 40).
- ▶ Flip up cover and insert electrical plug (cigar lighter type).

i *The power outlet can be used to accommodate 12V DC electrical accessories (e.g. air pump, auxiliary lamps) up to a maximum of 180 W or as a battery charging point (▷ page 371).*

Telephone

Your vehicle is equipped with Bluetooth®. The Bluetooth® interface is located in the storage compartment between the backrests (▷ page 210).

Warning!



Never operate radio transmitters equipped with a built-in or attached antenna (i.e. without being connected to an external antenna) from inside the vehicle while the engine is running. Doing so could lead to a malfunction of the vehicle's electronic system, possibly resulting in an accident and personal injury.

Radio transmitters, such as a portable telephone or a citizens band unit, should only be used inside the vehicle if they are connected to an antenna that is installed on the outside of the vehicle.

The external antenna must be approved by Mercedes-Benz. Please contact an authorized Mercedes-Benz Center for information on the installation of an approved external antenna. Refer to the radio transmitter operation instructions regarding use of an external antenna.

Warning!





Please do not forget that your primary responsibility is to drive the vehicle. A driver's attention to the road must always be his/her primary focus when driving. For your safety and the safety of others, we recommend that you pull over to a safe location and stop before placing or taking a telephone call.


If you choose to use the telephone¹ while driving, please use the hands-free device and only use the telephone when road, weather and traffic conditions permit. Some jurisdictions prohibit the driver from using a mobile telephone while driving a vehicle.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

¹ Observe all legal requirements.

You can take and place telephone calls using the  and  buttons on the steering wheel. To carry out other telephone functions, use the control system (▷ page 141).

See separate instruction manual for instructions on how to operate the telephone.

 For additional information on operating the telephone using the audio system head unit, see "Telephone operation" (▷ page 162).

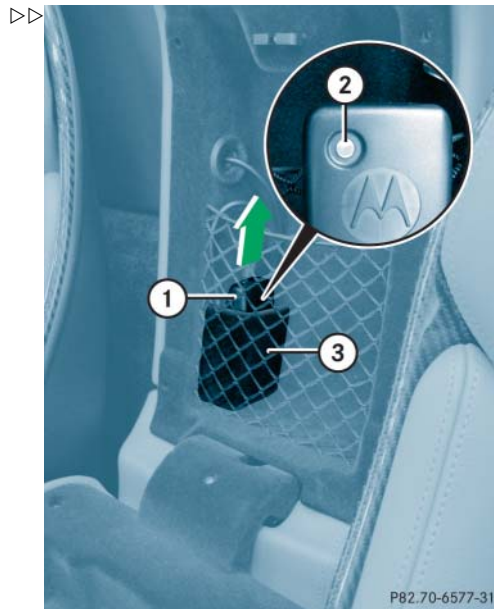
For additional information on operating the telephone using the multifunction steering wheel, see "TEL menu" (▷ page 141).

Initializing pairing of Bluetooth® interface with mobile phone

- ▶ Switch on the ignition (▷ page 40).
- ▶ Open the storage compartment between the backrests (▷ page 210). ▷▷

Controls in detail

Useful features



- ① Bluetooth® interface
- ② Button with indicator lamp
- ③ Pocket

- ▶ Take Bluetooth® interface ① from pocket ③.
- ▶ To initialize pairing, press and hold button ② on the Bluetooth® interface ① until the indicator lamp in the button begins to flash rapidly in blue.
- ▶ Let your mobile phone with Bluetooth® capability conduct a search for Bluetooth® devices, until you find the Bluetooth® interface with the symbol “MB BTUM”.

For information on how to search for Bluetooth devices, refer to your mobile phone operating instructions.

- ▶ Select the symbol “MB BTUM”.
- ▶ Enter “0000” (four zeros), when prompted to enter the passkey.

The indicator lamp in the button ② will stop flashing and remain illuminated in blue.

The pairing of the Bluetooth® interface ① with your mobile phone was successful.

Pairing is only required once for each handset.


You will be able to make and receive hands-free phone calls using the speakers and microphones installed in your vehicle.

You can also switch from hands-free mode to privacy phone mode.

Please contact an authorized Mercedes-Benz Center for the most recent list of Bluetooth® capable mobile phones that have been approved for use in your vehicle.

For detailed instructions on how to pair the Bluetooth® interface ① with the mobile phone, please refer to the mobile phone operating instructions.

Tele Aid

! *In order to activate the Tele Aid system, a subscriber agreement must be completed. To ensure your system is activated and operational, please press the  button to perform the acquaintance call. Failure to complete either of these steps may result in a system that is not activated.*

If you have any questions regarding activation, please call the Response Center at 1-800-756-9018 (in the USA) or 1-888-923-8367 (in Canada).

Shortly after the completion of your Tele Aid acquaintance call, you will receive a user ID and password in the mail. You may use this password to access the Tele Aid section in “Owner’s Online” at www.mbusa.com. The “My Tele Aid” section will give you access to account information, remote door unlock and more.

The Tele Aid system is available if

- it has been activated and is operational. Activation requires a subscription for monitoring services, connection and cellular air time
- vehicle battery power is available
- the relevant cellular phone network and GPS signals are available and pass the information on to the Response Center

i *Location of the vehicle on a map is only possible if the vehicle is able to receive signals from the GPS satellite network and pass the information on to the Response Center.*

The Tele Aid system

(Telematic Alarm Identification on Demand)

The Tele Aid system consists of three types of response:



- Automatic and manual emergency
- Roadside Assistance
- Information

The Tele Aid system is operational providing that the vehicle’s battery is charged, properly connected, not damaged and cellular and GPS coverage is available.

The Tele Aid system utilizes the cellular network for communication and the GPS (Global Positioning System) satellites for vehicle location. If either of these signals are unavailable, the Tele Aid system may not function and if this occurs, assistance must be summoned by other means.

Controls in detail

Useful features

The speaker volume of a Tele Aid call can be adjusted when using the volume control on the audio system or on the multifunction steering wheel. To raise, turn the rotary volume control on the audio system clockwise or press button  on the multifunction steering wheel. To lower, turn the rotary volume control on the audio system control counterclockwise or press button  on the multifunction steering wheel.

System self-check

The system performs a self-test after you have switched on the ignition.

Warning!



If the indicator lamps in the SOS button, in the Roadside Assistance button, and/or in the Information button do not come on during the system self-check, or if any of these indicators remain illuminated continuously in red and/or the message *Tele Aid Inoperative* is displayed in the multifunction display after the system self-check, a malfunction in the system has been detected.

If a malfunction is indicated as outlined above, the system may not operate as expected. In case of an emergency, help will have to be summoned by other means. Have the system checked at the nearest Mercedes-Benz Center or contact the Response Center at 1-800-756-9018 (in the USA) or 1-888-923-8367 (in Canada) as soon as possible.

Emergency calls

An emergency call is initiated automatically following an accident in Emergency Tensioning Devices (ETDs) or air bags have deployed.

An emergency call can also be initiated manually (▷ page 217).

Once the emergency call is in progress, the indicator lamp in the SOS button will begin to flash. The message *Connecting Call* appears in the multifunction display. When the connection is established, you see the message *Call Connected* in the multifunction display.

All information relevant to the emergency, such as the location of the vehicle (determined by the GPS satellite location system), vehicle model, identification number and color are generated.

Controls in detail

Useful features

A voice connection between the Response Center and the occupants of the vehicle will be established automatically soon after the emergency call has been initiated. The Response Center will attempt to determine more precisely the nature of the accident provided they can speak to an occupant of the vehicle.

Warning!



If the indicator lamp in the SOS button is flashing continuously and there was no voice connection to the Response Center established, then the Tele Aid system could not initiate an emergency call (e.g. the relevant cellular phone network is not available). The message **Call Failed** appears in the multifunction display for approximately 10 seconds.

Should this occur, assistance must be summoned by other means.

Initiating an emergency call manually

i The “911” emergency call system is a public service. Using it without due cause is a criminal offense.



- ① Cover
- ② SOS button

- ▶ Briefly press on cover ①.
The cover will open.
- ▶ Press SOS button ② briefly.
The indicator lamp in SOS button ② will flash until the emergency call is concluded.

- ▶ Wait for a voice connection to the Response Center.
- ▶ Close cover ① after the emergency call is concluded.

Warning!




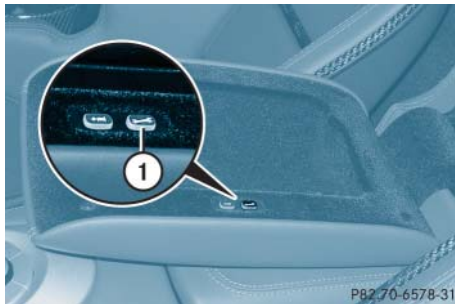
If you feel at any way in jeopardy when in the vehicle (e.g. smoke or fire in the vehicle, vehicle in a dangerous road location), please do not wait for voice contact after you have pressed the emergency button. Carefully leave the vehicle and move to a safe location. The Response Center will automatically contact local emergency officials with the vehicle’s approximate location if they receive an automatic SOS signal and cannot make voice contact with the vehicle occupants.

Controls in detail

Useful features


Roadside Assistance button

The Roadside Assistance button  is located in the center armrest cover.



① Roadside Assistance button

- ▶ Open the storage compartment between the backrests (▷ page 210).
- ▶ Press and hold the button ① for longer than 2 seconds.

A call to a Mercedes-Benz Roadside Assistance dispatcher will be initiated. The button  will flash while the call is in progress. The message Connecting Call will appear in the multifunction display.

When the connection is established, the message Call Connected appears in the multifunction display. The Tele Aid system will transmit data generating the vehicle identification number, model, color and location (subject to availability of cellular and GPS signals).


A voice connection between the Roadside Assistance dispatcher and the occupants of the vehicle will be established.


- ▶ Describe the nature of the need for assistance.

The Mercedes-Benz Roadside Assistance dispatcher will either dispatch a qualified Mercedes-Benz technician or arrange to tow your vehicle to the nearest authorized Mercedes-Benz Center. For services such as labor and/or towing, charges may apply. Refer to the Roadside Assistance Manual for more information.


These programs are only available in the USA:

- Sign and Drive services: Services such as jump start, a few gallons of fuel or the replacement of a flat tire are obtainable.

i If the indicator lamp in the Roadside Assistance button  is flashing continuously and there was no voice connection to the Response Center established, then the Tele Aid system could not initiate a Roadside Assistance call (e.g. the relevant cellular phone network is not available). The message Call Failed! appears in the multifunction display.

Roadside Assistance calls can be terminated using the  button on the multifunction steering wheel.

Information button

The Information button  is located in the center armrest cover.



① Information button


- ▶ Open the center storage compartment (▷ page 210).
- ▶ Press and hold the button ① for longer than 2 seconds.


A call to the Customer Assistance Center will be initiated. The button will flash while the call is in progress. The message **Connecting Call** will appear in the multifunction display.

When the connection is established, the message **Call Connected** appears in the multifunction display. The Tele Aid system will transmit data generating the vehicle identification number, model, color and location (subject to availability of cellular and GPS signals).

A voice connection between the Customer Assistance Center representative and the occupants of the vehicle will be established. Information regarding the operation of your vehicle, the nearest Mercedes-Benz Center or Mercedes-Benz USA products and services is available to you.

For more details concerning the Tele Aid system, please visit www.mbusa.com and use your ID and password (sent to you separately) to learn more (USA only).

i If the indicator lamp in the Information button  is flashing continuously and no voice connection to the Response Center was established, then the Tele Aid system could not initiate an Information call (e.g. the relevant cellular phone network is not available). The message **Call Failed** appears in the multifunction display.


Information calls can be terminated using the  button on the multifunction steering wheel.

Controls in detail

Useful features

Call priority

If other service calls such as a Roadside Assistance call or Information call are active, an Emergency call is still possible. In this case, the Emergency call will take priority and override all other active calls.

The indicator lamp in the respective button flashes until the call is concluded. Emergency calls can only be terminated by a Response Center or Customer Assistance Center representative, whereas Roadside Assistance and Information calls can also be terminated by pressing button  on the multifunction steering wheel.

i When a Tele Aid call has been initiated, the audio system is muted and the selected mode (radio or CD) pauses. The mobile phone (if connected) switches off. If you must use this phone, we recommend that you use it only with the vehicle at a standstill in a safe location. The multifunction display in the instrument cluster is available for use. After the Tele Aid call has ended, the optional mobile phone switches on again. A PIN entry might be necessary.

Remote door unlock

In case you have locked your vehicle unintentionally (e.g. SmartKey inside vehicle), and the reserve SmartKey is not handy:

- ▶ Contact the Mercedes-Benz Response Center at 1-800-756-9018 (in the USA) or 1-888-923-8367 (in Canada).

You will be asked to provide your password which you provided when you completed the subscriber agreement.

- ▶ Then return to your vehicle and pull the trunk recessed handle for a minimum of 20 seconds until the SOS button is flashing.

The message *Connecting Call* appears in the multifunction display.

As an alternative, you may unlock the vehicle via Internet in the “My Tele Aid” section of “Owner’s Online”, using the ID and password (USA only).

The Response Center will then unlock your vehicle with the remote door unlocking feature.

i The remote door unlock feature is available if the relevant cellular phone network is available.

The SOS button will flash and the message *Connecting Call* will appear in the multifunction display to indicate receipt of the door unlock command.

Once the vehicle is unlocked, a Response Center specialist may attempt to establish voice contact with the vehicle occupants.

If the trunk recessed handle was pulled for more than 20 seconds before door unlock authorization was received by the Response Center, you must wait 15 minutes before pulling the trunk recessed handle again.

Stolen Vehicle Recovery services

In the event your vehicle was stolen:

- ▶ Report the incident to the police.

The police will issue a numbered incident report.

- ▶ Pass this number on to the Mercedes-Benz Response Center along with your password issued to you when you subscribed to the service.

The Response Center will then attempt to covertly contact the vehicle's Tele Aid system. Once the vehicle is located, the Response Center will contact the local law enforcement and you. The vehicle's location will only be provided to law enforcement.

i *If the anti-theft alarm or the tow-away alarm stays on for more than 30 seconds, a call to the Response Center is initiated automatically by the Tele Aid system provided Tele Aid service was subscribed to and properly activated, and that necessary cellular service and GPS coverage are available. See anti-theft alarm system (▷ page 93) and tow-away alarm (▷ page 95).*

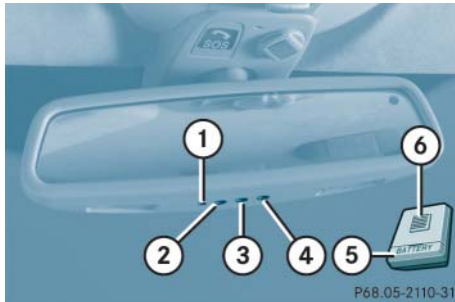
Garage door opener

The integrated remote control is capable of operating up to three separately controlled devices. It provides a convenient way to replace up to three hand-held remote controls used to operate devices such as garage door openers, gate openers, or other devices compatible with HomeLink® or some other systems.

Before the integrated remote control can be used, it must be programmed to the garage door opener, gate operator or other device you wish to operate. See the following instructions for programming information.

Controls in detail

Useful features



Interior rear view mirror with integrated remote control

- ① Indicator lamp
- ② ③ ④ Signal transmitter button
Needed for programming (not part of vehicle equipment):
- ⑤ Hand-held remote control of garage door opener, gate operator or other device
- ⑥ Hand-held remote control button

Warning!



Before programming the integrated remote control to a garage door opener or gate operator, make sure people and objects are out of the way of the device to prevent potential harm or damage. When programming a garage door opener, the door moves up or down. When programming a gate operator, the gate opens or closes.

Do not use the integrated remote control with any garage door opener that lacks safety stop and reverse features as required by U.S. federal safety standards (this includes any garage door opener model manufactured before April 1, 1982).

A garage door that cannot detect an object - signaling the door to stop and reverse - does not meet current U.S. federal safety standards.

When programming a garage door opener, it is advised to park the vehicle outside the garage.

Do not run the engine while programming the integrated remote control. Inhalation of exhaust gas is hazardous to your health. All gas contains carbon monoxide (CO), and inhaling it can cause unconsciousness and possible death.

Programming the integrated remote control

Step 1:

- ▶ Switch on the ignition (▷ page 40).

Controls in detail

Useful features

Step 2:

- ▶ If you have previously programmed a signal transmitter button and wish to retain its programming, proceed to step 3.

If you are programming the integrated remote control for the first time, press and hold the two outer signal transmitter buttons ② and ④ and release them only when indicator lamp ① begins to flash after approximately 20 seconds (do not hold the button for longer than 30 seconds). This procedure erases any previous settings for all three channels and initializes the memory.

If you later wish to program a second and/or third hand-held transmitter to the remaining two signal transmitter buttons, do not repeat this step and begin directly with step 3.

Step 3:

- ▶ Hold the end of hand-held remote control ⑤ of the device you wish to train approximately 2 to 5 in (5 to 12 cm) away from the signal transmitter button (②, ③ or ④) to be programmed, while keeping indicator lamp ① in view.

Step 4:

- ▶ Using both hands, simultaneously press hand-held remote control button ⑥ and the desired signal transmitter button (②, ③ or ④). Do not release the buttons until step 5 is completed.

Indicator lamp ① will flash, first slowly and then rapidly.

i Indicator lamp ① flashes immediately the first time the signal transmitter button is programmed. If this button has already been programmed, the indicator lamp will only start flashing after 20 seconds.

Step 5:

- ▶ After indicator lamp ① changes from a slow to a rapidly flashing light, release the hand-held remote control button and the signal transmitter button.

Step 6:

- ▶ Press and hold the just-trained signal transmitter button (②, ③ or ④) and observe indicator lamp ①.

If the indicator lamp ① stays on constantly, programming is complete and your device should activate when the respective signal transmitter button (②, ③ or ④) is pressed and released.

i If indicator lamp ① flashes rapidly for about 2 seconds and then turns to a constant light, continue with programming steps 8 through 12 as your garage door opener may be equipped with the "rolling code" feature.

Step 7:

- ▶ To program the remaining two signal transmitter buttons, repeat the steps above starting with step 3.

Controls in detail

Useful features

Rolling code programming

To train a garage door opener (or other rolling code devices) with the rolling code feature, follow these instructions after completing the “Programming” portion (steps 1 through 6) of this text. (A second person may make the following training procedures quicker and easier.)

Step 8:

- ▶ Locate “training” button on the garage door opener motor head unit.

Exact location and color of the button may vary by garage door opener brand. Depending on manufacturer, the “training” button may also be referred to as “learn” or “smart” button. If there is difficulty locating the transmitting button, refer to the garage door opener Operator’s Manual.

Step 9:

- ▶ Press the “training” button on the garage door opener motor head unit.

The “training light” is activated.

You have 30 seconds to initiate the following step.

Step 10:

- ▶ Return to the vehicle and firmly press, hold for 2 seconds and release the programmed signal transmitter button (②, ③ or ④).

Step 11:

- ▶ Press, hold for 2 seconds and release same signal transmitter button a second time to complete the training process.

i *Some garage door openers (or other rolling code equipped devices) may require you to press, hold for 2 seconds and release the same signal transmitter button a third time to complete the training process.*

Step 12:

- ▶ Confirm the garage door operation by pressing the programmed signal transmitter button (②, ③ or ④).

Step 13:

- ▶ To program the remaining two signal transmitter buttons, repeat the steps above starting with step 3.

Gate operator/Canadian programming

Canadian radio-frequency laws require transmitter signals to “time-out” (or quit) after several seconds of transmission which may not be long enough for the integrated signal transmitter to pick up the signal during programming. Similar to this Canadian law, some U.S. gate operators are designed to “time-out” in the same manner.

If you live in Canada or if you are having difficulties programming a gate operator (regardless of where you live) by using the programming procedures, replace step 4 with the following:

Step 4:

- ▶ Press and hold the signal transmitter button (②, ③ or ④). Do not release this button until it has been successfully trained.
- ▶ While still holding down the signal transmitter button (②, ③ or ④), “cycle” your hand-held remote control button ⑥ as follows: Press and hold button ⑥ for 2 seconds, then release it for 2 seconds, and again press and hold it for 2 seconds. Repeat this sequence on the hand-held remote control until the frequency signal has been learned. Upon successful training, indicator lamp ① will flash slowly and then rapidly after several seconds.
- ▶ Proceed with programming step 5 and step 6 to complete.

i Upon completion of programming the integrated remote control, make sure you retain the hand-held remote control that came with the garage door opener, gate operator or other device. You may need it for use in other vehicles, for future programming of an integrated remote control, or simply for continued use as a hand-held remote control to operate the respective device in other situations.

Reprogramming a single signal transmitter button

To program a device using a signal transmitter button previously trained, follow these steps:

- ▶ Switch on the ignition (▷ page 40).
- ▶ Press and hold the desired signal transmitter button (②, ③ or ④). Do not release the button.
- ▶ Indicator lamp ① will begin to flash after 20 seconds. Without releasing the signal transmitter button, proceed with programming starting with step 3.

Operation of integrated remote control

- ▶ Switch on the ignition (▷ page 40).
- ▶ Select and press the appropriate integrated signal transmitter button (②, ③ or ④) to activate the remote controlled device.

The integrated remote control transmitter continues to send the signal as long as the button is pressed – up to 20 seconds.

Erasing the integrated remote control memory

- ▶ Switch on the ignition (▷ page 40).
- ▶ Simultaneously press and hold outer signal transmitter buttons ② and ④, for approximately 20 seconds, until indicator lamp ① flashes rapidly. Do not hold for longer than 30 seconds.

The codes of all three channels are erased.

i If you sell your vehicle, erase the codes of all three channels.

Controls in detail

Useful features

Programming tips

If you are having difficulty programming the integrated remote control, here are some helpful tips:

- Check the frequency of the hand-held remote control ⑤ (typically located on the reverse side of the remote). The integrated remote control is compatible with radio-frequency devices operating between 280-390 MHz.
- Put a new battery in hand-held remote control ⑤. This will increase the likelihood of the hand-held remote control sending a faster and more accurate signal to the integrated remote control.
- While performing step 3, hold hand-held remote control ⑤ at different lengths and angles from the signal transmitter button (②, ③ or ④) you are programming. Attempt varying angles at the distance of 2 to 5 in (5 to 12 cm) away or the same angle at varying distances.
- If another hand-held remote control is available for the same device, try the programming steps again using that other hand-held remote control. Make sure new batteries are in the hand-held remote control before beginning the procedure.
- Straighten the antenna wire from the garage door opener assembly. This may help improve transmitting and/or receiving signals.

i Certain types of garage door openers are incompatible with the integrated remote control. If you should experience further difficulties with programming the integrated remote control, contact an authorized Mercedes-Benz Center, or call Mercedes-Benz Customer Assistance Center (in the USA) at 1-800-FOR-MERCEdes, or Customer Service (in Canada) at 1-800-387-0100.

i USA only:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) *This device may not cause harmful interference, and*
- (2) *this device must accept any interference received, including interference that may cause undesired operation.*

Any unauthorized modification to this device could void the user's authority to operate the equipment.

i Canada only:

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

- (1) *This device may not cause interference, and*
- (2) *this device must accept any interference received, including interference that may cause undesired operation of the device.*

Any unauthorized modification to this device could void the user's authority to operate the equipment.

Floormat, driver's side

Warning!



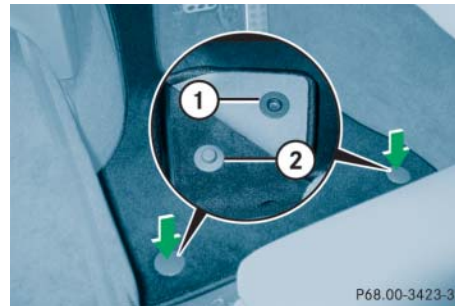
When you are using floormats, make sure there is enough clearance and that the floormats are securely fastened.

Floormats must always be securely fastened using eyelets ① and retainer pins ②.

Before driving off, check that the floormats are securely in place and adjust them if necessary. A loose floormat could slip and hinder proper functioning of the pedals.

Do not place several floormats on top of each other as this may impair pedal movement.

Installing



Example driver's side

- ① Eyelet
- ② Retainer pins
- ▶ Lay down the floormat.
- ▶ Press eyelets ① onto retainers pins ② in direction of arrow.

Removing



- ▶ Pull the floormats off retainers pins.
- ▶ Remove the floormat.

Controls in detail

Useful features

Floormats* (Only Mercedes-Benz SLR McLaren Roadster 722S)

Warning!



Because of the carbon fiber the footwell could be slippery when wet. Be careful when entering/exiting the vehicle with wet shoe soles, you could slip on it.

When you are using floormats, make sure there is enough clearance and that the floormats are securely fastened.

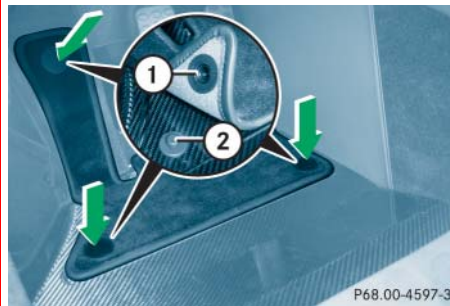
Floormats must always be securely fastened using eyelets ① and retainer pins ②.

Before driving off, check that the floormats are securely in place and adjust them if necessary. A loose floormat could slip and hinder proper functioning of the pedals.

Do not place several floormats on top of each other as this may impair pedal movement.

! To avoid damage to the carbon fiber surface please make sure your shoe soles are free of hard particles (e.g. stones, glass) and avoid the use of small surface heels when driving the vehicle.

Installing

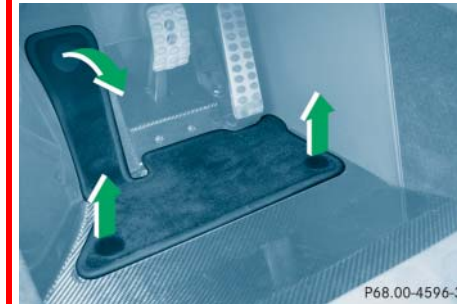


Example driver's side

- ① Eyelet
- ② Retainer pins

- ▶ Lay down the floormat.
- ▶ Press eyelets ① onto retainers pins ② in direction of arrow.

Removing



- ▶ Pull the floormats off retainers pins.
- ▶ Remove the floormat.

Dust cover

Warning!



Allow the engine to cool down completely before slipping the dust cover on your vehicle. Otherwise you could be seriously burned when coming into contact with the hot exhaust system.

! To avoid damage to the vehicle and the dust cover, observe the following:

- Use the dust cover only when the vehicle is garaged.
- Cover the vehicle only when the engine has cooled down completely.
- The vehicle as well as the dust cover must be dry before slipping the dust cover on the vehicle.
- Make sure the dust cover is clean and dry before inserting it in the bag provided with the dust cover.

i Clean the dust cover according to the care label on the inside of the dust cover.

Slipping dust cover on/off

- ▶ Place the rolled-up dust cover with its dark grey side facing downwards on the vehicle roof.
Make sure the FRONT label is facing towards the front of the vehicle.
- ▶ Roll the side that is labelled FRONT over the hood.
- ▶ Roll the rear part over the tail end of the vehicle.
- ▶ Unfold the dust cover.



- ▶ On the rear right, pull down the dust cover below the bumper.
- ▶ Pull down the dust cover on the right side of the vehicle.
- ▶ On the front right, pull down the dust cover below the bumper.
- ▶ On the rear left, pull down the dust cover below the bumper.
- ▶ Pull down the dust cover on the left side of the vehicle.
- ▶ On the front left, pull down the dust cover below the bumper.



Controls in detail

Useful features



- ▶ To remove the dust cover, follow the above steps in reverse order.

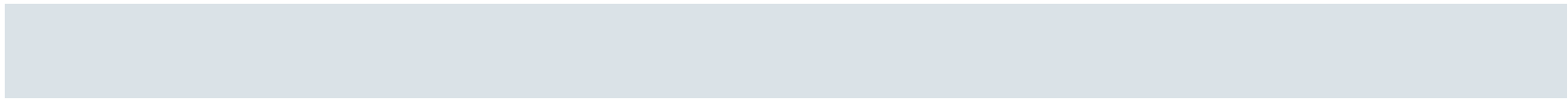
Roof and trunk lid racks

Warning!



This vehicle has not been designed to accommodate any type of roof or trunk lid rack. Therefore do not fit such accessories. Otherwise the rack could fall off and this could result in an accident and/or serious personal injury.

! *Do not use any type of roof or trunk lid rack. Otherwise you will damage the bodywork or paintwork of your vehicle.*



Operation

The first 1000 miles (1500 km)

Driving instructions

At the gas station

Engine compartment

Trunk

Tires and wheels

Winter driving

Maintenance

Vehicle care





Operation

The first 1000 miles (1500 km)

In the “Operation” section you will find detailed information on operating, maintaining and caring for your vehicle.

The more cautiously you treat your vehicle during the break-in period, the more satisfied you will be with its performance later on. You should therefore observe the following for the first 1000 miles (1500 km):

- Drive at varying but moderate road and engine speeds.
- Do not drive faster than 150 mph (240 km/h).
- Break in new tires for the first 100 miles (160 km), therefore avoid high-speed cornering. Do not exceed a speed of 125 mph (200 km/h).
- Do not drive at engine speeds above 4500 rpm.
- Try to avoid heavy load on the engine (driving at full throttle) and driving at high engine speeds (maximum of $\frac{2}{3}$ of top speed of each gear) during this break-in period.
- Avoid accelerating by kick-down.
- Change gears in good time.
- Do not attempt to slow the vehicle down by shifting to a lower gear using the gear selector lever.
- Select positions **3**, **2** or **1** only when driving at moderate speeds (for hill driving).

After 1000 miles (1500 km), you may gradually bring the vehicle up to full road and engine speed.

All of the above instructions also apply when driving the first 1000 miles (1500 km) after the engine or the rear differential has been replaced.

 *Always obey applicable speed limits.*

▼ **Driving instructions**

Drive sensibly – save fuel

Fuel consumption, to a great extent, depends on driving habits and operating conditions.

To save fuel you should:

- Keep tires at the recommended tire inflation pressures.
- Remove unnecessary loads.
- Allow engine to warm up under low load use.
- Avoid frequent acceleration and deceleration.
- Have all maintenance work performed at the intervals specified in the Maintenance Booklet and as required by the maintenance service display. Contact an authorized Mercedes-Benz Center.

Fuel consumption is also increased by driving in cold weather, in stop-and-go traffic, on short trips and in hilly area.

Drinking and driving

Warning!



Drinking and driving and/or taking drugs and driving are very dangerous combinations. Even a small amount of alcohol or drugs can affect your reflexes, perceptions and judgment.

The possibility of a serious or even fatal accident are greatly increased when you drink or take drugs and drive.

Do not drink or take drugs and drive or allow anyone to drive who has been drinking or taking drugs.

Pedals

Warning!



Make sure that absolutely no objects are obstructing the pedals' range of movement. Keep the driver's footwell clear of all obstacles. If there are any floor mats or carpets in the footwell, make sure that the pedals still have sufficient clearance.

During sudden driving or braking maneuvers the objects could get caught between the pedals. You could then no longer brake or accelerate. This could lead to accidents and/or injury.

Operation

Driving instructions

Power assistance

Warning!



The brake system requires electrical energy for operation.

A malfunction in the vehicle's power supply or electrical system may impair brake system operation and switch it into its emergency operation mode. In such a case, the red brake warning lamp (▷ page 307) and warning messages (▷ page 319) in the instrument cluster come on while driving. To brake, the driver must then apply significantly greater brake pedal pressure and depress the pedal much further to obtain the expected braking effect. If necessary, apply full pressure to the brake pedal. Brakes are only applied to the front wheels. Stopping distance is increased! If there is a malfunction in the electro-hydraulic brake system, we recommend that the vehicle be transported with all wheels off the ground using flatbed or appropriate wheel lift/dolly equipment.

A tow bar must be used if circumstances do not permit the use of the recommended towing methods and the vehicle requires towing with all four wheels on the ground. Towing the vehicle with all four wheels on the ground is only permissible for distances up to 30 miles (50 km) and at a speed not to exceed 30 mph (50 km/h). For more information, see "Towing the vehicle" (▷ page 373).

With the engine not running, there is no power assistance for the brake and steering systems. In this case, it is important to keep in mind that a considerably higher degree of effort is necessary to brake and steer the vehicle.

Brakes

i *The brake system is designed to decelerate your SLR from high speeds at the best possible rate. Depending on the applied brake force, speed, and ambient conditions, the brake system may produce a squeak-type noise when you apply the brakes at a moderate rate, e.g. at city traffic. If you experience this noise, you should occasionally test the effectiveness of the brakes by applying above-normal braking pressure at high speeds. Please perform this braking procedure three times. This will also enhance the grip of the brake pads. If the noise continuous, contact an authorized Mercedes-Benz Center.*

Warning!



Make sure not to endanger any other road users when carrying out these braking maneuvers.

Refer to the description of the Brake Assist System (BAS) (▷ page 84).

Downhill grades

! *When driving down long and steep grades, relieve the load on the brakes by shifting into a lower gear to use the engine's braking power. This helps prevent overheating of the brakes and reduces brake pad wear.*

Continuous or hard braking

Warning!



Resting your foot on the brake pedal will cause excessive and premature wear of the brake pads.
It can also result in the brakes overheating thereby significantly reducing their effectiveness or in the total loss of braking performance. It may not be possible to stop the vehicle in sufficient time to avoid an accident.

After hard braking, it is advisable to drive on for some time, rather than to park immediately, so the air stream will cool down the brakes faster.

Wet roads

Warning!



After driving in heavy rain for some time without applying the brakes or through water deep enough to wet brake components, the first braking action may be somewhat reduced and increased pedal pressure may be necessary to obtain expected braking effect. Maintain a safe distance from vehicles in front.

The first time the brakes are applied after a long period of driving in heavy rain without braking, it is possible that:

- there will be a delayed braking response
- you will need to depress the brake pedal more firmly

You should therefore maintain a greater distance from the vehicle in front.

To help prevent brake disk corrosion after driving on wet road surfaces (particularly salted roads), it is advisable to brake the vehicle with considerable force prior to parking. The heat generated serves to dry the brakes.

Salty roads

Warning!



A layer of salt on the brake discs and the brake linings may cause a delay in the braking effect, resulting in a significantly increased braking distance, which could lead to an accident.



Operation

Driving instructions

▷▷ To avoid this danger, you should:

- occasionally brake carefully when you are driving on salted roads, so that any layer of salt that may have built up on the brake discs and the brake linings is removed without putting other road users at risk
- maintain a greater distance to the vehicle ahead and drive with particular care
- carefully apply the brakes at the end of a trip and immediately after commencing a new trip, so that salt residues are removed from the brake disc

Brake service

! *Because the ESP® operates automatically, the engine must be shut off (SmartKey in starter switch position 0 or 1) when the parking brake is being tested on a brake test dynamometer.*

Active braking action through the ESP® may otherwise seriously damage the brake system which is not covered by the Mercedes-Benz Limited Warranty.

If the parking brake is released and the red brake warning lamp in the instrument cluster stays on, there is a malfunction in the electro-hydraulic brake system (▷ page 307) or the brake fluid level in the reservoir is too low.

Brake pad wear or a leak in the system may be the reason for low brake fluid in the reservoir.

Observe additional messages that may appear in the multifunction display (▷ page 335).

Have the brake system inspected immediately. Contact an authorized Mercedes-Benz Center.

All checks and service work on the brake system should be carried out by qualified technicians only. Contact an authorized Mercedes-Benz Center.

Only install brake pads and brake fluid recommended by Mercedes-Benz.

Warning!



If other than recommended brake pads are installed, or other than recommended brake fluid is used, the braking properties of the vehicle can be degraded to an extent that safe braking is substantially impaired. This could result in an accident.

Be certain to read and observe the warning notices on brake pad replacement (▷ page 89).

High performance driving

The rate of wear of individual brake system components, such as brake pads or disks, depends on your driving style and the conditions under which you operate the vehicle.

It is therefore not possible to give a generally applicable service life. High performance driving, such as driving on closed circuit race tracks or an aggressive driving style, will cause the brakes to wear more quickly.

i Please contact your PLM or any authorized Mercedes-Benz Center before operating the vehicle under such demanding operating conditions for more information.

Warning!



Repetitive excessive load on the brake system may particularly cause the brake system to overheat and can thus reduce the braking power, or even cause brake system components to fail due to increased wear. You could lose control of the vehicle and cause an accident. Installation and examination of brake system assemblies requires specialist knowledge. Therefore, after high performance driving, have the brake system checked and maintained by an authorized Mercedes-Benz Center.

Driving off

Apply the brakes to test them briefly after driving off. Perform this procedure only when the road is clear of other traffic.

Warm up the engine smoothly. Do not place full load on the engine until the operating temperature has been reached (▷ page 311).

! When driving off on a slippery surface, do not allow a drive wheel to spin for an extended period with the ESP[®] switched off. Doing so may cause serious damage to the drivetrain which is not covered by the Mercedes-Benz Limited Warranty.

! Simultaneously depressing the accelerator pedal and applying the brakes reduces engine performance and causes premature brake and drivetrain wear.

Operation

Driving instructions

Parking

Warning!



Do not park this vehicle in areas where combustible materials such as grass, hay or leaves can come into contact with the hot exhaust system, as these materials could be ignited and cause a vehicle fire.

To reduce the risk of personal injury or damage to the vehicle drivetrain as a result of vehicle movement, before turning off the engine and leaving the vehicle always:

- Keep right foot on brake pedal.
- Pull the parking brake lever up as many notches as possible.
- Move the gear selector lever to park position **P**.
- Slowly release brake pedal.
- When parked on an incline, turn front wheels towards the road curb.

- Turn the SmartKey in the starter switch to position **0** and remove.
- Take the SmartKey with you and lock vehicle when leaving.

Tires

Warning!



If you feel a sudden significant vibration or ride disturbance, or you suspect that possible damage to your vehicle has occurred, you should turn on the hazard warning flashers, carefully slow down, and drive with caution to an area which is a safe distance from the road.

Inspect the tires and the vehicle underbody for possible damage. If the vehicle or tires appear unsafe, have the vehicle towed to the nearest Mercedes-Benz Center or tire dealer for repairs.

Treadwear indicators (TWI) are required by law. These indicators are located in six places on the tread circumference and become visible at a tread depth of approximately $\frac{1}{16}$ in (1.6 mm), at which point the tire is considered worn and should be replaced.

The treadwear indicator appears as a solid band across the tread.

Warning!



Although the applicable federal motor vehicle safety laws consider a tire to be worn when the treadwear indicators (TWI) become visible at approximately $\frac{1}{16}$ in (1.6 mm), we recommend that you do not allow your tires to wear down to that level. As tread depth approaches $\frac{1}{8}$ in (3 mm), the adhesion properties on a wet road are sharply reduced.

Depending upon the weather and/or road surface (conditions), the tire traction varies widely.

Have worn tires replaced in pairs (front pair or rear pair). Otherwise the driving stability of the vehicle will be adversely affected.

Specified tire inflation pressures must be maintained. This applies particularly if the tires are subjected to high loads (e.g. high speeds, heavy loads, high ambient temperatures).

Warning!



Do not drive with a flat tire. A flat tire affects the ability to steer or brake the vehicle. You may lose control of the vehicle. Continued driving with a flat tire or driving at high speed with a flat tire will cause excessive heat build-up and possibly a fire.

! *A wheel change should only be carried out at an authorized Mercedes-Benz Center. Otherwise there is a danger of damaging the vehicle by jacking it up incorrectly.*

For more information, see “Tires and wheels” (▷ page 259).

Hydroplaning

Depending on the depth of the water layer on the road, hydroplaning may occur, even at low speeds and with new tires. Reduce vehicle speed, avoid track grooves in the road and apply brakes cautiously in the rain.

Tire traction

The safe speed on a wet, snow covered or icy road is always lower than on a dry road.

You should pay particular attention to the condition of the road whenever the outside temperatures are close to the freezing point.

Warning!



If ice has formed on the road, tire traction will be substantially reduced. Under such weather conditions, drive, steer and brake with extreme caution.

Operation

Driving instructions

Mercedes-Benz recommends winter tires (▷ page 292) with a minimum tread depth of approximately $\frac{1}{6}$ in (4 mm) on all four wheels for the winter season to ensure normal balanced handling characteristics. On packed snow, they can reduce your stopping distance compared to summer tires. Stopping distance, however, is still considerably greater than when the road is not covered with snow or ice. Exercise appropriate caution.

! *Avoid spinning of a drive wheel. This may cause serious damage to the drivetrain which is not covered by the Mercedes-Benz Limited Warranty.*

Tire speed rating

Regardless of the tire speed rating, local speed limits should be obeyed. Use prudent driving speeds appropriate to prevailing conditions.

Warning!



Even when permitted by law, never operate a vehicle at speeds greater than the maximum speed rating of the tires.

Exceeding the maximum speed for which tires are rated can lead to sudden tire failure, causing loss of vehicle control and possibly resulting in an accident and/or personal injury and possible death, for you and for others.

Your vehicle is factory equipped with “(Y)”-rated tires, which have a speed rating of over 186 mph (300 km/h).

i *For information on tire speed rating for winter tires, see “Winter tires*” (▷ page 292).*

For additional general information on tire speed markings on tire sidewall, see “Tire speed rating” (▷ page 279).

Winter driving instructions

The most important rule for slippery or icy roads is to drive sensibly and to avoid abrupt acceleration, braking and steering maneuvers. Do not use the cruise control system under such conditions.

When the vehicle is in danger of skidding, move gear selector lever to neutral position **N**. Try to keep the vehicle under control by corrective steering action.

i *For information on driving with snow chains, see “Snow chains” (▷ page 293).*

Warning!



On slippery road surfaces, never downshift in order to obtain braking action. This could result in drive wheel slip and reduced vehicle control. Your vehicle’s ABS will not prevent this type of control loss.

Road salts and chemicals can adversely affect braking efficiency. Increased pedal force may become necessary to produce the normal braking effect.

Depressing the brake pedal periodically when traveling at length on salt-strewn roads can bring road-salt-impaired braking efficiency back to normal.

If the vehicle is parked after being driven on salt-treated roads, the braking efficiency should be tested as soon as possible after driving is resumed.

Warning!



Make sure not to endanger any other road users when carrying out these braking maneuvers.

Warning!



If the vehicle becomes stuck in snow, make sure snow is kept clear of the exhaust pipe and from around the vehicle with the engine running. Otherwise deadly carbon monoxide (CO) gases may enter vehicle interior resulting in unconsciousness and death.

To assure sufficient fresh air ventilation, open a window slightly on the side of the vehicle not facing the wind.

Warning!



The outside temperature indicator is not designed to serve as an ice-warning device and is therefore unsuitable for that purpose. Indicated temperatures just above the freezing point do not guarantee that the road surface is free of ice.

For more information, see “Winter driving” (▷ page 292).

Standing water

! Do not drive through flooded areas or water of unknown depth. Before driving through water, determine its depth. Never accelerate before driving into water. The bow wave could force water into the engine and auxiliary equipment, thus damaging them.

If you must drive through standing water, drive slowly to prevent water from entering the passenger compartment or the engine compartment. Water in these areas could cause damage to electrical components or wiring of the engine or transmission, or could result in water being ingested by the engine through the air intake causing severe internal engine damage. Any such damage is not covered by the Mercedes-Benz Limited Warranty.

Operation

Driving instructions

Passenger compartment

Warning!



Always fasten items being carried as securely as possible.

In an accident, during hard braking or sudden maneuvers, loose items will be thrown around inside the vehicle, and cause injury to vehicle occupants unless the items are securely fastened in the vehicle.

The trunk is the preferred place to carry objects.

Driving abroad

Abroad, there is an extensive Mercedes-Benz service network at your disposal. If you plan to drive into areas which are not listed in the index of your Mercedes-Benz Center directory, you should request pertinent information from an authorized Mercedes-Benz Center.

Control and operation of radio transmitters

Radio and telephone

Warning!



Please do not forget that your primary responsibility is to drive the vehicle safely. Only operate the radio or telephone¹ if road, weather and traffic conditions permit.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

¹ Observe all legal requirements.

Telephones and two-way radios

Warning!



Never operate radio transmitters equipped with a built-in or attached antenna (i.e. without being connected to an external antenna) from inside the vehicle while the engine is running. Doing so could lead to a malfunction of the vehicle's electronic system, possibly resulting in an accident and personal injury.

Radio transmitters, such as a portable telephone or a citizens band unit should only be used inside the vehicle if they are connected to an antenna that is installed on the outside of the vehicle.

Refer to the radio transmitter operation instructions regarding use of an external antenna.

Catalytic converter

Your Mercedes-Benz is equipped with monolithic-type catalytic converters, an important element in conjunction with the oxygen sensors to achieve substantial control of the pollutants in the exhaust emissions. Keep your vehicle in proper operating condition by following our recommended maintenance instructions as outlined in your Maintenance Booklet.

! *To prevent damage to the catalytic converters, only use premium unleaded gasoline in this vehicle.*

Any noticeable irregularities in engine operation should be repaired promptly. Otherwise excessive unburned fuel may reach the catalytic converter, causing it to overheat and potentially start a fire.

Warning!



As with any vehicle, do not idle, park or operate this vehicle in areas where combustible materials such as grass, hay or leaves can come into contact with the hot exhaust system, as these materials could be ignited and cause a vehicle fire.

Warning!



The exhaust areas on the engine hood and between the doors and front wheels get very hot. Avoid contact with them, otherwise there is the risk of severe burns.

Emission control

Certain systems of the engine serve to keep the toxic components of the exhaust gases within permissible limits required by law.

These systems, of course, will function properly only when maintained strictly according to factory specifications. Any adjustments on the engine should, therefore, be carried out only by qualified Mercedes-Benz Center authorized technicians. Engine adjustments should not be altered in any way. Moreover, the specified service jobs must be carried out regularly according to Mercedes-Benz servicing requirements. For details refer to the Maintenance Booklet.

Operation

Driving instructions

Warning!



Inhalation of exhaust gas is hazardous to your health. All exhaust gas contains carbon monoxide (CO), and inhaling it can cause unconsciousness and possible death.

Do not run the engine in confined areas (such as a garage) which are not properly ventilated. If you think that exhaust gas fumes are entering the vehicle while driving, have the cause determined and corrected immediately. If you must drive under these conditions, drive only with at least one window fully open at all times.

Coolant temperature

During severe operating conditions and stop-and-go city traffic, the coolant temperature may rise close to approximately 248°F (120°C).

The engine should not be operated with the coolant temperature over 248°F (120°C). Doing so may cause serious engine damage which is not covered by the Mercedes-Benz Limited Warranty.

Warning!



- Driving when your engine is overheated can cause some fluids, which may have leaked into the engine compartment, to catch fire. You could be seriously burned.
- Steam from an overheated engine can cause serious burns which can occur just by opening the hood. Stay away from the engine if you see or hear steam coming from it.

Turn off the engine, get out of the vehicle and do not stand near the vehicle until the engine has cooled down.

▼ At the gas station

Refueling

Warning!



Gasoline is highly flammable and poisonous. It burns violently and can cause serious personal injury.

Never allow sparks, flame or smoking materials near gasoline!

Turn off the engine before refueling.

Whenever you are around gasoline, avoid inhaling fumes and skin contact, extinguish all smoking materials.

Direct skin contact with fuels and the inhalation of fuel vapors are damaging to your health.

The fuel filler flap is located on the right-hand side of the vehicle towards the rear. Locking/unlocking the vehicle with the SmartKey automatically locks/unlocks the fuel filler flap.

i In case that the central locking system does not release the fuel filler flap, or the opening mechanism is clamping, notify Roadside Assistance or an authorized Mercedes-Benz Center.



- ① Fuel filler flap
- ② Fuel filler cap
- ③ Recess

▶ Remove the SmartKey from the starter switch.

▶ Open the fuel filler flap ① by pushing at the point indicated by arrow.
The fuel filler flap opens.

▶ Turn fuel filler cap ② counterclockwise and hold on to it until possible pressure is released.

▶ Take off cap and set it in the recess ③ on the fuel filler flap.

▶ To prevent fuel vapors from escaping into open air, fully insert filler nozzle unit.

▶ Only use premium unleaded gasoline with a minimum Posted Octane Rating of 91 (average of 96 RON/86 MON).

i Information on gasoline quality can normally be found on the fuel pump. Please contact gas station personnel in case labels on the pump cannot be found.

▶ Only fill your tank until the filler nozzle unit cuts out – **do not top off or overfill.**



Operation

At the gas station



Warning!





Overfilling of the fuel tank may create pressure in the system which could cause a gas discharge. This could cause the gas to spray back out when removing the fuel pump nozzle, which could cause personal injury.

- ▶ Replace fuel filler cap by turning it clockwise until it audibly engages.

i Make sure to close the fuel filler flap before locking your vehicle as the flap locking pin prevents closing after you have locked the vehicle.

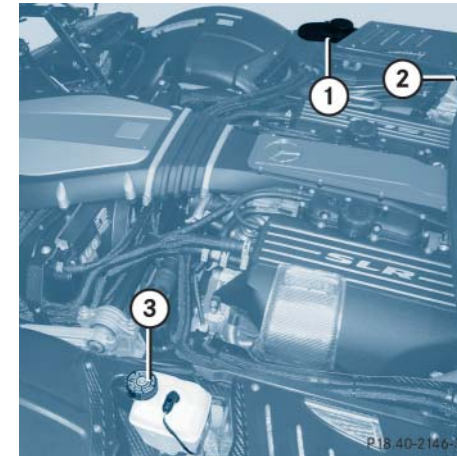
- ▶ Close the fuel filler flap until you hear the latch close shut.

i For more information on gasoline, see “Premium unleaded gasoline” (▷ page 396), see “Fuel requirements” (▷ page 397), or contact an authorized Mercedes-Benz Center, or visit www.mbusa.com (USA only).

Leaving the engine running and the fuel filler cap open can cause the  malfunction indicator lamp (USA only) or the  malfunction indicator lamp (Canada only) to illuminate.

For more information, see “Practical hints” (▷ page 309).

Check regularly and before a long trip



- ① Coolant
- ② Engine oil
- ③ Brake fluid

i Opening the hood, see (▷ page 250).

Coolant

For normal replenishing, use water (potable water quality). For more information, see “Coolant” (▷ page 255) and see “Fuels, coolants, lubricants, etc.” (▷ page 393).

Engine oil level

For more information on engine oil level, see “Engine oil” (▷ page 253).

Brake fluid

! *If you find that the brake fluid in the brake fluid reservoir has fallen to the minimum mark or below, have the brake system checked for brake pad thickness and leaks immediately. Notify an authorized Mercedes-Benz Center immediately. Do not add brake fluid as this will not solve the problem. For more information, see “Practical hints” (▷ page 307).*

Windshield washer and headlamp cleaning system

For more information on filling up the washer reservoir, see “Windshield washer system and headlamp cleaning system” (▷ page 257).

Vehicle lighting

Check function and cleanliness. For more information on replacing light bulbs, see “Replacing bulbs” (▷ page 361).

For more information on exterior lamps, see “Exterior lamp switch” (▷ page 106).

Tire inflation pressure

For more information on tire inflation pressure, see “Checking tire inflation pressure manually” (▷ page 271).

Operation

Engine compartment

Hood

Warning!



Do not pull the release lever while the vehicle is in motion. Otherwise the hood could be forced open by passing air flow. This could cause the hood to come loose and injure you and/or others.

Warning!



The exhaust areas on the engine hood and between the doors and front wheels get very hot. Avoid contact with them, otherwise there is the risk of severe burns.

Opening

Warning!



If you see flames or smoke coming from the engine compartment, or if the coolant temperature gauge indicates that the engine is overheated, do not open the hood. Move away from the vehicle and do not open the hood until the engine has cooled. If necessary, call the fire department.

Warning!



You could be injured when the hood is open – even when the engine is turned off. Parts of the engine can become very hot. To prevent burns, let the engine cool off completely before touching any components on the vehicle. Comply with all relevant safety precautions.

Warning!



To help prevent personal injury, stay clear of moving parts when the hood is open and the engine is running.

The radiator fan may also start at any time automatically, even after the SmartKey has been removed from the starter switch. Stay clear of fan blades.

Warning!



The engine is equipped with a transistorized ignition system. Because of the high voltage it is dangerous to touch any components (ignition coils, spark plug sockets, diagnostic socket) of the ignition system

- with the engine running
- while starting the engine
- if ignition is “on” and the engine is turned manually

! Make sure the windshield wipers are not folded away from the windshield. Otherwise the windshield wipers or the hood could be damaged.

Make sure there is sufficient clearance before opening the hood. A minimum clearance in front of the vehicle of 1.3 ft (40 cm) is required.

The release lever is located in the driver's footwell.



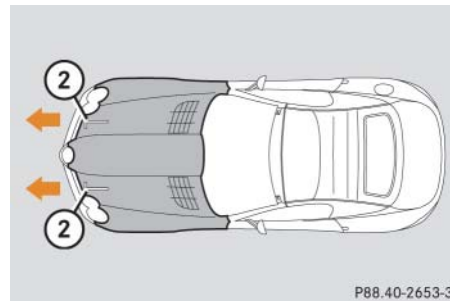
① Release lever

The hood folding mechanism is disengaged in two stages.

- ▶ Pull release lever ① downwards.

This completes the first stage.

i If it was not possible to release the hood, pull the release lever downwards more firmly.

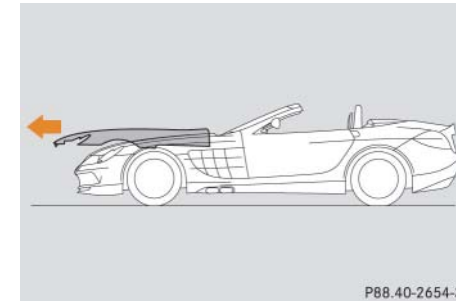


② Hood latch

The hood latches are located in the upper air intake next to the headlamp units.

- ▶ Pull the hood latches ②.

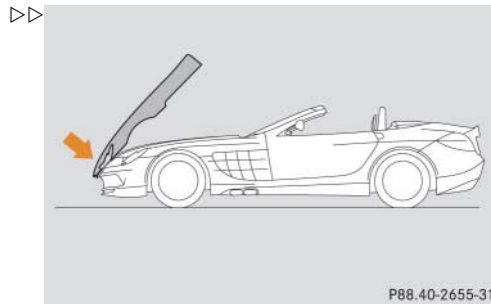
This completes the second stage.



- ▶ Pull the hood towards you to the stop. ▷▷

Operation

Engine compartment



- ▶ Press the front part of the hood.
The hood opens and will automatically be held in position by gas-filled spring struts.

! *Make sure there is sufficient clearance before opening the hood. A minimum overhead clearance of 6.6 ft (2.0 m) is required.*

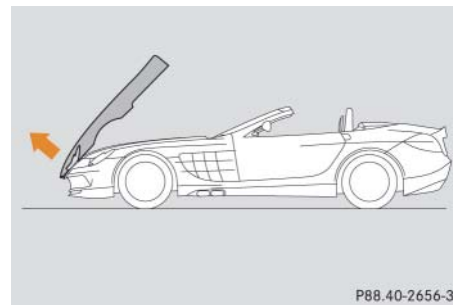
Closing

Warning!



When closing the hood, use extreme caution not to catch hand or fingers. Be careful that you do not close the hood on anyone.

Make sure the hood is securely engaged before driving. Do not continue driving if the hood can no longer engage after an accident for example. The hood could otherwise come loose while the vehicle is in motion and injure you and/or others.



- ▶ Pull the hood upwards in the center, against the resistance of the gas-filled spring struts.

! *Make sure the rollers at the rear of the hood are engaged and the guide pins line up with the guide holes. Otherwise the hood may be damaged.*

- ▶ Hold the front center part of the hood with both hands and push it backwards. After pushing the hood backwards about half-way, you will feel the hood passing a crest and the resulting force pulling the hood away from you. At that point, let go of the hood and let it fall onto the latches.

The hood should now be locked and entirely closed.

- ▶ Check that the hood is properly closed. If the hood is not properly engaged, repeat the closing procedure.

Engine oil

The amount of oil your engine needs will depend on a number of factors, including driving style. Higher oil consumption can occur when

- the vehicle is new
- the vehicle is driven frequently at higher engine speeds

Engine oil consumption checks should only be made after the vehicle break-in period.

Oil consumption of the SLR is slightly higher than other vehicles. Please check the engine oil level frequently.

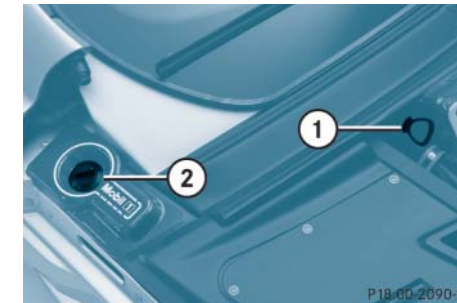
! Do not use any special lubricant additives, as these may damage the drive assemblies. Using special additives not approved by Mercedes-Benz may cause damage not covered by the Mercedes-Benz Limited Warranty.

Checking the engine oil level

When checking the oil level,

- the vehicle must be parked on level ground
- the engine must be at normal operating temperature (min. 80°C)
- ▶ Wait for at least 30 seconds with engine still at idle.
- ▶ Measure engine oil level with engine still at idle.

The oil dipstick and the cap are located on the passenger side in the engine compartment.



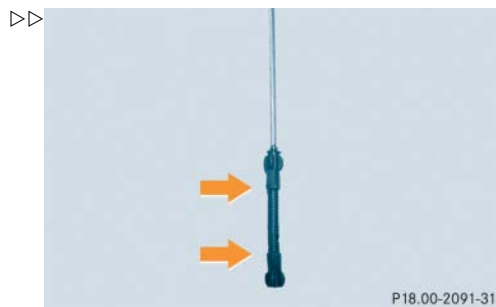
- ① Oil dipstick
- ② Filler cap

- ▶ Pull out oil dipstick ① and wipe it off.
- ▶ Reinsert the oil dipstick fully into the guide.
- ▶ Pull out the oil dipstick again after 3 seconds.

▷▷

Operation

Engine compartment



Oil dipstick

The engine oil level is correct when it is between lower mark (min) and upper mark (max) of the oil dipstick.

- ▶ Top up the engine oil if necessary.

i The filling quantity between the upper and lower marks on the oil dipstick is approximately 2.1 US qt (2.0 l).

Adding engine oil

Warning!



The filler cap on the filler neck could be hot.

Use a rag when you unscrew the filler cap. Otherwise you could burn yourself.

! Only use approved engine oils and oil filters required for vehicles with Maintenance System. For a listing of approved engine oils and oil filters, contact an authorized Mercedes-Benz Center or visit www.mbusa.com (USA only).

Using engine oils and oil filters of specification other than those expressly required for the Maintenance System, or changing of oil and oil filter at change intervals longer than those called for by the Maintenance System will result in engine or emission control system damage not covered by the Mercedes-Benz Limited Warranty.

- ▶ Using a rag, unscrew filler cap ② from filler neck.
- ▶ Add engine oil as required. Be careful not to overfill with oil.

Mercedes-Benz recommends MOBIL 1 OIL. Use the MB sheet number 229.3 and only SAE 5W-50 engine oils. MB sheet numbers are printed on the outside of oil containers.

Be careful not to spill any oil when adding. Avoid environmental damage caused by oil entering the ground or water.

! Excess oil must be siphoned or drained off. It could cause damage to the engine or emission control system not covered by the Mercedes-Benz Limited Warranty.

- ▶ Screw the filler cap back on filler neck.

You will find further information about engine oil in the “Technical data” section (▷ page 395) and (▷ page 393).

Transmission fluid level

The transmission fluid level does not need to be checked. If you notice transmission fluid loss or gear shifting malfunctions, have an authorized Mercedes-Benz Center check the transmission.

Coolant

The engine coolant is a mixture of water and anticorrosion/antifreeze.

When checking coolant level,

- the vehicle must be parked on level ground
- the coolant temperature must be below 158°F (70°C)

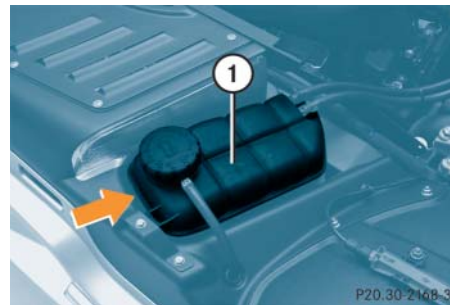
Warning!



In order to avoid potentially serious burns:

- Use extreme caution when opening the hood if there are any signs of steam or coolant leaking from the cooling system, or if the coolant temperature gauge indicates that the coolant is overheated.
- Do not remove pressure cap on coolant reservoir if coolant temperature is above 158°F (70°C). Allow engine to cool down before removing cap. The coolant reservoir contains hot fluid and is under pressure.

- Using a rag, slowly open the cap approximately $\frac{1}{2}$ turn to relieve excess pressure. If opened immediately, scalding hot fluid and steam will be blown out under pressure.
- Do not spill antifreeze on hot engine parts. Antifreeze contains ethylene glycol which may burn if it comes into contact with hot engine parts.



① Expansion tank

- ▶ Using a rag, turn cap slowly approximately one half turn to the left to release any excess pressure.

- ▶ Continue turning the cap to the left and remove it.

The coolant level is correct if the level

- for cold coolant: reaches the upper mark on the bracing rib of the expansion tank (arrow)
- for warm coolant: is approximately 0.4 in (1 cm) higher

- ▶ Add coolant as required.
- ▶ Replace and tighten cap.

For more information, see “Coolants” (▷ page 398).

Operation

Trunk

Batteries

Your vehicle is equipped with two batteries:

- Starter battery in the trunk
- Consumer battery in the trunk

These batteries should always be sufficiently charged in order to achieve its rated service life. A flat battery must be fully recharged. Refer to Maintenance Booklet for battery maintenance intervals.

If you use your vehicle mostly for short-distance trips, you will need to have the battery charge checked more frequently.

When replacing batteries, always use batteries approved by Mercedes-Benz. Have this work only carried out by an authorized Mercedes-Benz Center.

If you do not intend to operate your vehicle for an extended period of time, consult an authorized Mercedes-Benz Center about steps you need to observe.

Warning!



Observe all safety instructions and precautions when handling automotive batteries.



Risk of explosion.



Fire, open flames and smoking are prohibited when handling batteries. Avoid creating sparks.



Battery acid is caustic. Do not allow it to come into contact with skin, eyes or clothing.

Wear suitable protective clothing, especially gloves, apron and faceguard.



Wear eye protection.
Rinse any acid spills immediately with clear water. Contact a physician if necessary.



Keep children away.



Follow the instructions in this Operator's Manual.

! You must not jump start the vehicle, otherwise the vehicle electrical systems could be damaged.

For more information on battery maintenance, see "Batteries" (▷ page 370).

Windshield washer system and headlamp cleaning system

Fluid for the windshield washer system and the headlamp cleaning system is supplied from the windshield washer reservoir. It has a capacity of approximately 7.4 US qt (7.0 l).

During all seasons, add MB Windshield Washer Concentrate “MB SummerFit” to water. Premix the windshield washer fluid in a suitable container.

- ▶ Refill the reservoir with MB Windshield Washer Concentrate and water (or commercially available premixed windshield washer solvent/antifreeze, depending on ambient temperatures).

! Always use washer solvent/antifreeze where temperatures may fall below freezing point. Failure to do so could result in damage to the washer system/reservoir.

! Only use washer fluid which is suitable for plastic lenses. Improper washer fluid can damage the plastic lenses of the headlamps.

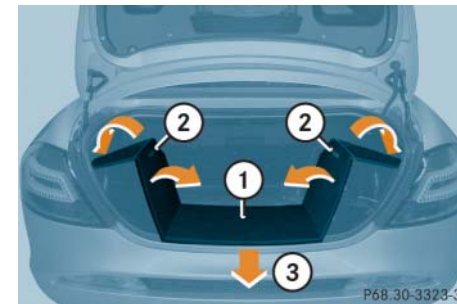
Do not use distilled or deionized water in the washer fluid reservoir. Otherwise, the washer fluid level sensor could be damaged.

Warning!



Washer solvent/antifreeze is highly flammable. Do not spill washer solvent/antifreeze on hot engine parts, because it may ignite and burn. You could be seriously burned.

The washer fluid reservoir is located in the trunk underneath the interior floor on the left-hand side.



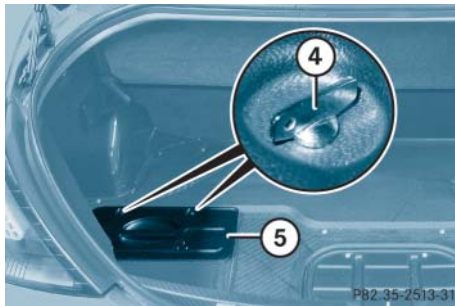
- ① Interior floor
- ② Loop
- ③ Removing interior floor



Operation

Trunk

- ▷▷ Lift up the interior floor ① panel at loop ②.
- ▶ Fold the outer edges of the interior floor towards the outside.
- ▶ Remove the interior floor in direction of arrow ③.

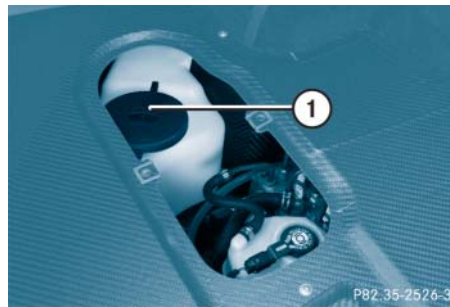


- ④ Quick-release fastener
- ⑤ Cover

- ▶ Turn quick-release fasteners ④ anti-clockwise and remove cover ⑤.

i The quick-release fasteners ④ have to be merely inserted, not turned, when you close cover ⑤.

Opening the washer fluid reservoir



- ① Cap for windscreen washer reservoir

- ▶ Pull up cap ① by the tab.

Closing the washer fluid reservoir

- ▶ Press cap ① on to the filler neck until it engages fully.

For more information, see “Windshield washer system and headlamp cleaning system” (▷ page 401).

▼ Tires and wheels

For safety reasons, only use tires and rims which have been tested and approved by Mercedes-Benz for use on SLR vehicles.

Contact an authorized Mercedes-Benz Center for information on tested and recommended rims and tires for summer and winter operation. They can also offer advice concerning tire service and purchase.

Warning!



Replace rims or tires with the same designation, manufacturer and type as shown on the original part. Contact an authorized Mercedes-Benz Center for further information. If incorrectly sized rims and tires are mounted:

- The wheel brakes or suspension components can be damaged.
- The operating clearance of the wheels and the tires may no longer be correct.

Warning!



Worn, old tires can cause accidents. If the tire tread is badly worn, or if the tires have sustained damage, replace them.

Have worn or damaged tires replaced in pairs (front pair or rear pair) and make sure the tires rotate in the direction specified (▷ page 262). Otherwise, the driving stability of the vehicle will be adversely affected, especially when driving at high speeds.

When replacing rims, only use genuine Mercedes-Benz wheel bolts specified for the particular rim type. Failure to do so can result in the bolts loosening and possibly an accident.

Retreaded tires are not tested or recommended by Mercedes-Benz, since previous damage cannot always be recognized on retreads. The operating safety of the vehicle cannot be assured when such tires are used.

Important guidelines

! A wheel change should only be carried out at an authorized Mercedes-Benz Center. Otherwise there is a danger of damaging the vehicle by jacking it up incorrectly.

- For the first 100 miles (160 km) avoid high-speed cornering. Do not exceed a speed of 125 mph (200 km/h).¹
- Only use sets of tires and rims of the same type and make.
- Tires must be of the correct size for the rim.
- Regularly check the tires and rims for damage. Dented or bent rims can cause tire inflation pressure loss and damage to the tire beads.
- If vehicle is heavily loaded, check tire inflation pressure and correct as required.

¹ Please always drive carefully and obey applicable speed limits.

Operation

Tires and wheels

- Do not allow your tires to wear down too far. Adhesion properties on wet roads are sharply reduced at tread depths of less than $\frac{1}{8}$ in (3 mm).
- When replacing individual tires, you should mount new tires on the front wheels first (on vehicles with same-sized wheels all around).

Tire care and maintenance

Warning!



Regularly check the tires for damage. Damaged tires can cause tire inflation pressure loss. As a result, you could lose control of your vehicle.

Worn, old tires can cause accidents. If the tire tread is badly worn, or if the tires have sustained damage, replace them.

Have worn or damaged tires replaced in pairs (front pair or rear pair) and make sure the tires rotate in the direction specified (▷ page 262). Otherwise, the driving stability of the vehicle will be adversely affected, especially when driving at high speeds.

Check the tire inflation pressure at least every other week. For more information on checking tire inflation pressure, see “Recommended tire inflation pressure” (▷ page 268).

Tire inspection

Every time you check your tire inflation pressure, you should also inspect your tires for the following:

- excessive treadwear (▷ page 261)
- cord or fabric showing through the tire’s rubber
- bumps, bulges, cuts, cracks or splits in the tread or side of the tire

Replace the tire if you find any of the above conditions.

Warning!



Have worn or damaged tires replaced in pairs (front pair or rear pair) and make sure the tires rotate in the direction specified (▷ page 262). Otherwise, the driving stability of the vehicle will be adversely affected, especially when driving at high speeds.

Life of tire

The service life of a tire is dependent upon varying factors including but not limited to:

- Driving style
- Tire inflation pressure
- Distance driven

Warning!



Tires should be replaced after 6 years, regardless of the remaining tread.

Tread depth

Do not allow your tires to wear down too far. Adhesion properties on wet roads are sharply reduced at tread depths of less than $\frac{1}{8}$ in (3 mm).

Treadwear indicators (TWI) are required by law. These indicators are located in six places on the tread circumference and become visible at a tread depth of

approximately $\frac{1}{16}$ in (1.6 mm), at which point the tire is considered worn and should be replaced.

Recommended minimum tire tread depth:

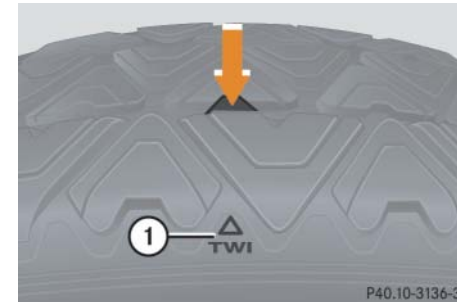
- Summer tires $\frac{1}{8}$ in (3 mm)
- Winter tires $\frac{1}{6}$ in (4 mm)

Warning!



Although the applicable federal motor safety laws consider a tire to be worn when the treadwear indicators (TWI) become visible at approximately $\frac{1}{16}$ in (1.6 mm), we recommend that you do not allow your tires to wear down to that level. As tread depth approaches $\frac{1}{8}$ in (3 mm), the adhesion properties on a wet road are sharply reduced.

Depending upon the weather and/or road surface (conditions), the tire traction varies widely.



① TWI (Tread Wear Indicator)

The treadwear indicator appears as a solid band across the tread.

Operation

Tires and wheels

Storing tires

! *Keep unmounted tires in a cool, dry place with as little exposure to light as possible. Protect tires from contact with oil, grease and gasoline.*

Cleaning tires

! *Never use a round nozzle to power wash tires. The intense jet of water can result in damage to the tire.*

Always replace a damaged tire.

Warning!



Have worn or damaged tires replaced in pairs (front pair or rear pair) and make sure the tires rotate in the direction specified (▷ page 262). Otherwise, the driving stability of the vehicle will be adversely affected, especially when driving at high speeds.

Direction of rotation

Unidirectional tires offer added advantages, such as better hydroplaning performance. To benefit, however, you must make sure the tires rotate in the direction specified.

An arrow on the sidewall indicates the intended direction of rotation (spinning) of the tire.

Warning!



19" turbine-style wheels:

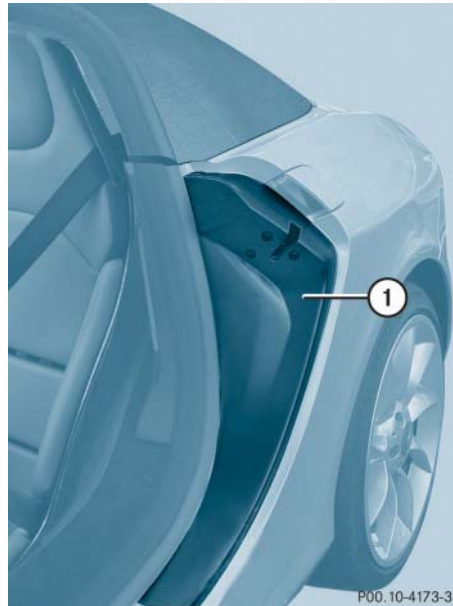
The wheels must be mounted corresponding to the labelling on the inside of the rim, where LEFT refers to the left-hand side of the vehicle and RIGHT to the right-hand side of the vehicle, both seen in direction of travel. When unidirectional tires are mounted, make sure that they rotate in the direction specified. Otherwise, the driving stability of the vehicle will be adversely affected, especially when driving at high speeds.

Loading the vehicle

Two labels on your vehicle show how much weight it may properly carry.

- 1) The Tire and Loading Information placard can be found on the driver's door B-pillar. This placard tells you important information about the number of people that can be in the vehicle and the total weight that can be carried in the vehicle. It also contains information on the proper size and recommended tire inflation pressures for the original equipment tires on your vehicle.

- 2) The certification label found on the driver's door A-pillar (▷ page 382) tells you about the gross weight capacity of your vehicle, called the Gross Vehicle Weight Rating (GVWR). The GVWR includes the weight of the vehicle, all occupants, fuel and cargo. The certification label also tells you about the front and rear axle weight capacity, called the Gross Axle Weight Rating (GAWR). The GAWR is the total allowable weight that can be carried by a single axle (front or rear). Never exceed the GVWR or GAWR for either the front axle or rear axle.



① Driver's door B-pillar

Following is a discussion on how to work with the information contained on the Tire and Loading Information placard with regards to loading your vehicle.

Tire and Loading Information

Warning!



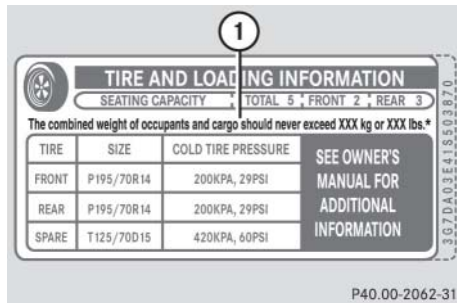
Do not overload the tires by exceeding the specified load limit as indicated on the Tire and Loading Information placard on the driver's door B-pillar. Overloading the tires can overheat them, possibly causing a blowout. Overloading the tires can also result in handling or steering problems, or brake failure.

Tire and Loading Information placard

i *Data shown on Tire and Loading Information placard example are for illustration purposes only. Load limit data are specific to each vehicle and may vary from data shown in the illustrations below. Refer to Tire and Loading Information placard on vehicle for actual data specific to your vehicle.*

Operation

Tires and wheels



P40.00-2062-31

- ① Load limit information on the Tire and Loading Information placard

The Tire and Loading Information placard showing the load limit information is located on the driver's door B-pillar.

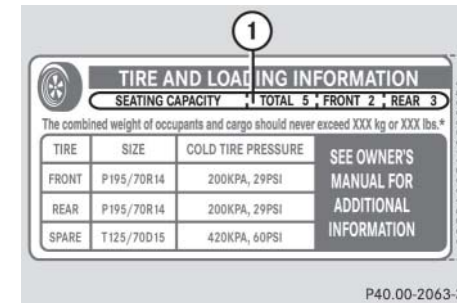
- ▶ Locate the statement "The combined weight of occupants and cargo should never exceed XXX kilograms or XXX lbs." on this Tire and Loading Information placard.

The combined weight of all occupants, cargo/luggage and trailer tongue load (if applicable) should never exceed the weight referenced in that statement.

Seating capacity

The seating capacity gives you important information on the number of occupants that can be in the vehicle. The Tire and Loading Information placard showing the seating capacity is located on the driver's door B-pillar (▷ page 263).

i Data shown on Tire and Loading Information placard example are for illustration purposes only. Seating data are specific to each vehicle and may vary from data shown in the illustrations below. Refer to Tire and Loading Information placard on vehicle for actual data specific to your vehicle.



P40.00-2063-31

- ① Seating capacity on the Tire and Loading Information placard

Steps for determining correct load limit

The following steps have been developed as required of all manufacturers under Title 49, Code of U.S. Federal Regulations, Part 575 pursuant to the "National Traffic and Motor Vehicle Safety Act of 1966".

Step 1

- ▶ Locate the statement "The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs." on your vehicle's Tire and Loading Information placard.

Step 2

- ▶ Determine the combined weight of the driver and passengers that will be riding in your vehicle.

Step 3

- ▶ Subtract the combined weight of the driver and passengers from XXX kilograms or XXX lbs.

Step 4

- ▶ The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the “XXX” amount equals 1400 lbs and there will be five 150 lbs passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs ($1400 - 750 (5 \times 150) = 650$ lbs).

Step 5

- ▶ Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in step 4.

Step 6 (if applicable)

- ▶ If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle (▷ page 267).

The following table shows examples on how to calculate total and cargo load capacities with varying seating configurations and number and size of occupants. The following examples use a load limit of 1500 lbs. **This is for illustration purposes only.** Make sure you are using the actual load limit for your vehicle stated on the vehicle’s Tire and Loading Information placard (▷ page 264).

Operation

Tires and wheels

Example	Combined weight limit of occupants and cargo from Tire and Loading Information placard	Number of occupants (driver and passengers)	Occupants weight	Combined weight of all occupants	Available cargo/luggage and trailer tongue weight (total load limit from Tire and Loading Information placard minus combined weight of all occupants)
1	1500 lbs	1	Occupant 1: 175 lbs	175 lbs	1500 lbs - 175 lbs = 1325 lbs
2	1500 lbs	2	Occupant 1: 175 lbs Occupant 2: 195 lbs	370 lbs	1500 lbs - 370 lbs = 1130 lbs

The higher the weight of all occupants, the less cargo and luggage load capacity is available.

For more information, see “Trailer tongue load” (▷ page 267).

Certification label

Even after careful determination of the combined weight of all occupants, cargo and the trailer tongue load (if applicable) (▷ page 267) as to not exceed the permissible load limit, you must make sure that your vehicle never exceeds the Gross Vehicle Weight Rating (GVWR) and the Gross Axle Weight Rating (GAWR) for either the front or rear axle. You can obtain the GVWR and GAWR from the certification label. The certification label can be found on the driver's door A-pillar, see "Technical data" (▷ page 382).

Gross Vehicle Weight Rating (GVWR): The total weight of the vehicle, all occupants, all cargo, and the trailer tongue load (▷ page 267) must never exceed the GVWR.

Gross Axle Weight Rating (GAWR): The total allowable weight that can be carried by a single axle (front or rear).

To assure that your vehicle does not exceed the maximum permissible weight limits (GVWR and GAWR for front and rear axle), have the loaded vehicle (including driver, passengers and all cargo and, if applicable, trailer fully loaded) weighed on a suitable commercial scale.

Trailer tongue load

The tongue load of any trailer is an important weight to measure because it affects the load you can carry in your vehicle. If a trailer is towed, the tongue load must be added to the weight of all occupants riding and any cargo you are carrying in the vehicle. The tongue load typically is ten percent of the trailer weight and everything loaded in it.

Your Mercedes-Benz has been designed primarily to carry passengers and their cargo. Mercedes-Benz does not recommend trailer towing with your vehicle.

Operation

Tires and wheels

Recommended tire inflation pressure

Warning!



Follow recommended tire inflation pressures.

Do not underinflate tires. Underinflated tires wear excessively and/or unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.

Do not overinflate tires. Overinflated tires can adversely affect handling and ride comfort, wear unevenly, increase stopping distance, and result in sudden deflation (blowout) because they are more likely to become punctured or damaged by road debris, potholes etc.

Do not overload the tires by exceeding the specified load limit as indicated on the Tire and Loading Information placard on the driver's door B-pillar. Overloading the tires can overheat them, possibly causing a blowout. Overloading the tires can also result in handling or steering problems, or brake failure.

Your vehicle is equipped with the Tire and Loading Information placard located on the driver's door B-pillar (▷ page 263).

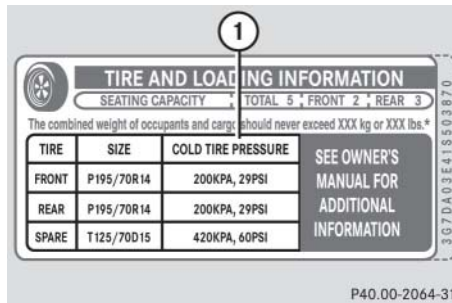
The tire inflation pressure should be checked regularly and should only be adjusted on cold tires. The tires can be considered cold if the vehicle has been parked for at least three hours or driven less than one mile (1.6 km).

Follow recommended cold tire inflation pressures listed on the Tire and Loading Information placard on the driver's door B-pillar.

Keeping the tires properly inflated provides the best handling, tread life and riding comfort.

In addition to the Tire and Loading Information placard on the driver's door B-pillar, also consult the tire inflation pressure label (if available) on the fuel filler flap for any additional information pertaining to special driving situations. For more information, see "Important notes on tire inflation pressure" (▷ page 269).

i Data shown on Tire and Loading Information placard example are for illustration purposes only. Tire data are specific to each vehicle and may vary from data shown in the illustrations below. Refer to Tire and Loading Information placard on vehicle for actual data specific to your vehicle.



- ① Tire and Loading Information placard with recommended cold tire inflation pressures

The Tire and Loading Information placard lists the recommended cold tire inflation pressures for maximum loaded vehicle weight. The tire inflation pressures listed apply to the tires installed as original equipment.

Important notes on tire inflation pressure

Warning!



If the tire inflation pressure drops repeatedly:

- Check the tires for punctures from foreign objects.
- Check to see whether air is leaking from the valves or from around the rim.

Tire temperature and tire inflation pressure are also increased while driving, depending on the driving speed and the tire load.

If you will be driving your vehicle at high speeds of 155 mph (250 km/h) or higher, where it is legal and conditions allow, consult the tire inflation pressure label on the inside of the fuel filler flap (if available) on how to adjust the cold tire inflation pressure. If you do not adjust the tire inflation pressure, excessive heat can build up and result in sudden tire failure.

If your vehicle is not equipped with the tire inflation pressure label on the inside of the fuel filler flap, contact your PLM or any authorized Mercedes-Benz Center for proper tire inflation pressure.

i *Driving comfort may be reduced when the tire inflation pressure is adjusted to the value for speeds above 155 mph (250 km/h) as specified on the tire inflation pressure label located on the inside of the fuel filler flap.*

Be sure to readjust the tire inflation pressure for normal driving speeds. You should wait until the tires are cold before adjusting the tire inflation pressure.

Some vehicles may have supplemental tire inflation pressure information for vehicle loads less than the maximum loaded vehicle condition. If such information is provided, it can be found on the tire inflation pressure label located on the inside of the fuel filler flap.

Operation

Tires and wheels

Tire inflation pressure changes by approximately 1.5 psi (0.1 bar) per 18°F (10°C) of air temperature change. Keep this in mind when checking tire inflation pressure where the temperature is different from the outside temperature.

Checking tire inflation pressure

Regularly check your tire inflation pressure at least once a month.

Check and adjust the tire inflation pressure when the tires are cold. The tires can be considered cold if the vehicle has been parked for at least 3 hours or driven less than 1 mile (1.6 km).

If you check the tire inflation pressure when the tires are warm (the vehicle has been driven for several miles or sitting less than 3 hours), the reading will be approximately 4 psi (0.3 bar) higher than the cold reading. This is normal. Do not let air out to match the specified cold tire inflation pressure. Otherwise the tire will be underinflated.

Warning!



Follow recommend tire inflation pressures.

Do not underinflate tires. Underinflated tires wear excessively and/or unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.

Do not overinflate tires. Overinflated tires can adversely affect handling and ride comfort, wear unevenly, increase stopping distance, and result in sudden deflation (blowout) because they are more likely to become punctured or damaged by road debris, potholes etc.

Do not overload the tires by exceeding the specified load limit or vehicle capacity weight as indicated on the Tire and Loading Information placard on the driver's door B-pillar. Overloading the tires can overheat them, possibly causing a blowout. Overloading the tires can also result in handling or steering problems, or brake failure.

Checking tire inflation pressure manually

Follow the steps below to achieve correct tire inflation pressure:

- ▶ Remove the cap from the valve on one tire.
- ▶ Firmly press a tire gauge onto the valve.
- ▶ Read tire inflation pressure on tire gauge and check against the recommended tire inflation pressure on the Tire and Loading Information placard on the driver's door B-pillar (▷ page 269). If necessary, add air to achieve the recommended tire inflation pressure.

i If you have overfilled the tire, release tire inflation pressure by pushing the metal stem of the valve with e.g. a tip of a pen. Then recheck the tire inflation pressure with the tire gauge.

- ▶ Install the valve cap.
- ▶ Repeat this procedure for each tire.

Checking tire inflation pressure electronically with the Advanced Tire Pressure Monitoring System (Advanced TPMS)

i USA only:

The Tire Pressure Monitoring System (TPMS) is equipped with a combination low tire pressure/TPMS malfunction telltale in the instrument cluster (▷ page 29). Depending on how the telltale illuminates, it indicates a low tire pressure condition or a malfunction in the TPMS system itself:

- If the telltale illuminates continuously, one or more of your tires is significantly under-inflated. There is no malfunction in the TPMS.
- If the telltale flashes for 60 seconds and then stays illuminated, the TPMS system itself is not operating properly.

i USA only:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any unauthorized modification to this device could void the user's authority to operate the equipment.

i Canada only:

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

Any unauthorized modification to this device could void the user's authority to operate the equipment.



Operation

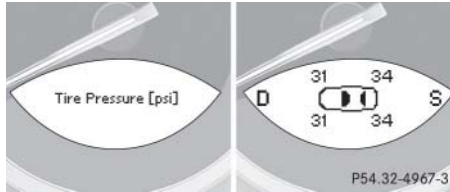
Tires and wheels

The TPMS only functions on wheels that are equipped with the proper electronic sensors. It monitors the tire inflation pressure, as selected by the driver, in all four tires. A warning is issued to alert you to a decrease in pressure in one or more of the tires.

Tire pressure inquiries are made using the multifunction display. The present inflation pressures are displayed only after a few minutes' travel time.

i Possible differences between the readings of a tire pressure gauge of an air hose, e.g. gas station equipment, and the vehicle's control system can occur. Usually the readings issued by the control system are more precise.

- ▶ Switch on the ignition (▷ page 40).
- ▶ Press button  or  on the multifunction steering wheel until the current inflation pressures for each tire appear in the multifunction display.



i When the vehicle has been parked for longer than 20 minutes, the message *Ti re pressure di spl ayed after dri vi ng for a few mi nutes. appears in the multifunction display.*

Warning!



It is the driver's responsibility to calibrate the TPMS on the recommended cold inflation pressure. Underinflated tires affect the ability to steer or brake the vehicle. You might lose control over the vehicle.

i With a spare wheel mounted, the system may still indicate the tire inflation pressure of the removed road wheel for some minutes. If this happens, keep in mind that the indicated value where the spare wheel is mounted does not reflect the actual spare tire inflation pressure.

Warning!



The TPMS does not indicate a warning for wrongly selected inflation pressures. Always adjust tire inflation pressure according to the Tire and Loading Information placard on the driver's door B-pillar or, if available, the supplemental tire inflation pressure information on the inside of the fuel filler flap.

The TPMS is not able to issue a warning due to a sudden dramatic loss of pressure (e.g. tire blowout caused by a foreign object). In this case bring the vehicle to a halt by carefully applying the brakes and avoiding abrupt steering maneuvers.

Warning!



Each tire, including the spare (if provided), should be checked every other week when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the Tire and Loading Information placard or the tire inflation pressure label. If your vehicle has tires of a different size than the size indicated on the Tire and Loading Information placard or the tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire pressure telltale when one or more of your tires are significantly underinflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure.

Underinflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability. Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if underinflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

USA only:

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.

When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

i *If a condition causing the TPMS to malfunction develops, it may take up to 10 minutes for the system to signal a malfunction using the TPMS telltale flashing and illumination sequence.*

The telltale extinguishes after a few minutes driving if the malfunction has been corrected.

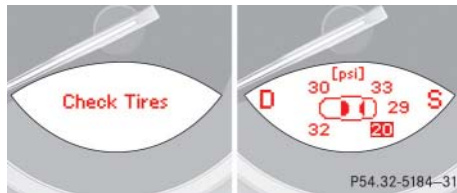
i *Operating radio transmission equipment (e.g. wireless headsets, two-way radios) in or near the vehicle could cause the TPMS to malfunction.*

Operation

Tires and wheels

Tire inflation pressure warnings

If the system detects a significant loss of tire inflation pressure in one or more than one tire, a message appears in the multifunction display.



Example illustration

The respective tire is indicated by a red rectangle. In addition, a warning signal sounds.

Restarting Advanced TPMS

The TPMS usually recognizes new reference values automatically, for example when you have

- adjusted the tire inflation pressure
- changed wheels or tires
- mounted new wheels or tires

Warning!





It is the driver's responsibility to calibrate the TPMS on the recommended cold inflation pressure. Underinflated tires affect the ability to steer or brake the vehicle. You might lose control over the vehicle.



If you want to set new reference values manually:


- ▶ Using the Tire and Loading Information placard on the driver's door B-pillar (▷ page 263) or, if available, the supplemental tire inflation pressure information on the inside of the fuel

filler flap (▷ page 247), make sure the tire inflation pressure of all four tires is correct.

i Restart the TPMS after adjusting the tire inflation pressure to the inflation pressure recommended for the vehicle operating condition. Tire pressure should only be adjusted on cold tires. Observe the recommended tire inflation pressure on the Tire and Loading Information placard on the driver's door B-pillar (▷ page 263). Some vehicles may have supplemental tire inflation pressure information for driving at high speeds (▷ page 247) or for vehicle loads less than the maximum loaded vehicle condition (▷ page 247). If such information is provided, it can be found on the inside of the fuel filler flap.

- ▶ Press button  or  on the multifunction steering wheel repeatedly until the standard display menu appears in the multifunction display (▷ page 122).

- ▶ Press button  or  repeatedly until the current inflation pressures for each tire appear in the display or the following message appears in the display
 Tire pressure displayed after driving for a few minutes
- ▶ Press the reset button (▷ page 114).
 The following message will appear in the multifunction display:
 Restart tire pressure monitor?

- ▶ Press the  button.
 The following message will appear in the multifunction display:
 Tire Pressure Monitor Restarted
 After driving a few minutes the system verifies that the current tire inflation pressures are within the system's specified range. Afterwards the current tire inflation pressures are accepted as reference pressures and then monitored.

If you wish to cancel activation:

- ▶ Press the  button.

Potential problems associated with underinflated and overinflated tires

Underinflated tires

Underinflated tires can:

- cause excessive and uneven tire wear
- adversely affect fuel economy
- lead to tire failure from being overheated
- adversely affect handling characteristics

Warning!



Follow recommended tire inflation pressures.

Do not underinflate tires. Underinflated tires wear excessively and/or unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.

Operation

Tires and wheels

Overinflated tires

Overinflated tires can:

- adversely affect handling characteristics
- cause uneven tire wear
- be more prone to damage from road hazards
- adversely affect ride comfort
- increase stopping distance

Warning!



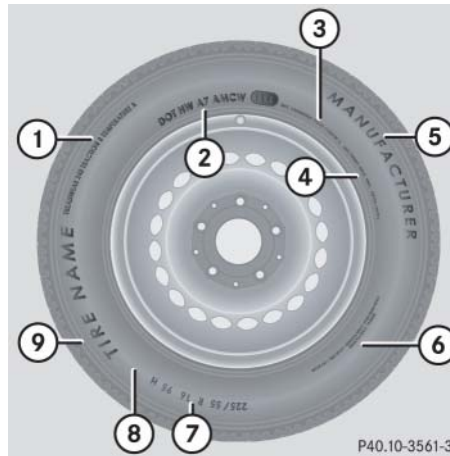
Follow recommended tire inflation pressures.

Do not overinflate tires. Overinflated tires can adversely affect handling and ride comfort, wear unevenly, increase stopping distance, and result in sudden deflation (blowout) because they are more likely to become punctured or damaged by road debris, potholes etc.

Tire labeling

Besides tire name (sales designation) and manufacturer name, a number of markings can be found on a tire.

Following are some explanations for the markings on your vehicle's tires:

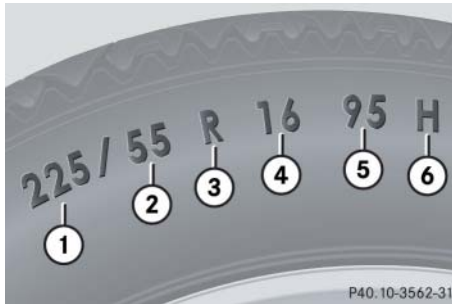


- ① Uniform Quality Grading Standards (▷ page 284)
- ② DOT, Tire Identification Number (TIN) (▷ page 281)
- ③ Maximum tire load (▷ page 282)
- ④ Maximum tire inflation pressure (▷ page 283)
- ⑤ Manufacturer
- ⑥ Tire ply material (▷ page 286)
- ⑦ Tire size designation, load and speed rating (▷ page 277)
- ⑧ Load identification (▷ page 280)
- ⑨ Tire name

i For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

For more information, see "Rims and tires" (▷ page 385).

Tire size designation, load and speed rating



- ① Tire width
- ② Aspect ratio in %
- ③ Radial tire code
- ④ Rim diameter
- ⑤ Tire load rating
- ⑥ Tire speed rating

i For illustration purposes only. Actual data on tires is specific to each vehicle and may vary from data shown in above illustration.

General:

Depending on the design standards used, the tire size molded into the sidewall may have no letter or a letter preceding the tire size designation.

No letter preceding the size designation (as illustrated above): Passenger car tire based on European design standards.

Letter “P” preceding the size designation: Passenger car tire based on U.S. design standards.

Letter “LT” preceding the size designation: Light Truck tire based on U.S. design standards.

Letter “T” preceding the size designation: Temporary spare tires which are high pressure compact spares designed for temporary emergency use only.

Tire width

The tire width ① (▷ page 277) indicates the nominal tire width in mm.

Aspect ratio

The aspect ratio ② (▷ page 277) is the dimensional relationship between tire section height and section width and is expressed in percentage. The aspect ratio is arrived at by dividing section height by section width.

Tire code

The tire code ③ (▷ page 277) indicates the tire construction type. The “R” stands for radial tire type. Letter “D” means diagonal or bias ply construction; letter “B” means belted-bias ply construction.

At the tire manufacturer’s option, any tire with a speed capability above 149 mph (240 km/h) can include a “ZR” in the size designation (for example: 245/40 ZR 18). For additional information, see “Tire speed rating” (▷ page 279).

Operation

Tires and wheels

Rim diameter

The rim diameter ④ (▷ page 277) is the diameter of the bead seat, not the diameter of the rim edge. Rim diameter is indicated in inches (in).

Tire load rating

The tire load rating ⑤ (▷ page 277) is a numerical code associated with the maximum load a tire can support.

For example, a load rating of 91 corresponds to a maximum load of 1356 lb (615 kg) the tire is designed to support. See also “Maximum tire load” (▷ page 282) where the maximum load associated with the load index is indicated in kilograms and lb.

Warning!



The tire load rating must always be at least half of the GAWR (▷ page 287) of your vehicle. Otherwise tire failure may be the result which may cause an accident and/or serious injury to you or others.

Always replace rims and tires with the same designation, manufacturer and type as shown on the original part.

Warning!



Do not overload the tires by exceeding the specified load limit or vehicle capacity weight as indicated on the Tire and Loading Information placard located on the driver's door B-pillar. Overloading the tires can overheat them, possibly causing a blowout. Overloading the tires can also result in handling or steering problems, or brake failure.

For additional information on tire load rating, see “Load identification” (▷ page 280).

i Tire load rating ⑤ (▷ page 277) and tire speed rating ⑥ (▷ page 277) are also referred to as “service description”.

Tire speed rating

The tire speed rating ⑥ (▷ page 277) indicates the approved maximum speed for the tire.

Warning!



Even when permitted by law, never operate a vehicle at speeds greater than the maximum speed rating of the tires.

Exceeding the maximum speed for which tires are rated can lead to sudden tire failure, causing loss of vehicle control and possibly resulting in an accident and/or personal injury and possible death, for you and for others.

i Tire load rating ⑤ (▷ page 277) and tire speed rating ⑥ (▷ page 277) are also referred to as “service description”.

Summer tires

Index	Speed rating
Q	up to 100 mph (160 km/h)
R	up to 106 mph (170 km/h)
S	up to 112 mph (180 km/h)
T	up to 118 mph (190 km/h)
H	up to 130 mph (210 km/h)
V	up to 149 mph (240 km/h)
W	up to 168 mph (270 km/h)
Y	up to 186 mph (300 km/h)
(Y)	above 186 mph (300 km/h)
ZR	above 149 mph (240 km/h)

- At the tire manufacturer’s option, any tire with a speed capability above 149 mph (240 km/h) can include a “ZR” in the size designation (for example: 245/40 ZR18). To determine the maximum speed capability of the tire, the service description for the tire must be referred to. The service description

is comprised of the tire load rating ⑤ (▷ page 277) and the tire speed rating ⑥ (▷ page 277).

If your tire includes “ZR” in the size designation and no service description ⑤ and ⑥ (▷ page 277) is given, the tire manufacturer must be consulted for the maximum speed capability.

If a service description ⑤ and ⑥ (▷ page 277) is given, the speed capability is limited by the speed symbol in the service description.

Example: 245/40 ZR18 97Y.

In this example, “97Y” is the service description. The letter “Y” designates the speed rating and the speed capability of the tire is limited to 186 mph (300 km/h).

Operation


Tires and wheels

- Any tire with a speed capability above 186 mph (300 km/h) must include a “ZR” in the size designation AND the service description must be placed in parenthesis.
Example: 275/40 ZR 18 (99Y).
The “(Y)” speed rating in parenthesis designates the maximum speed capability of the tire as being above 186 mph (300 km/h). Consult the tire manufacturer for the actual maximum permissible speed of the tire.

All-season and winter tires

Index	Speed rating
Q M+S ¹	up to 100 mph (160 km/h)
T M+S ¹	up to 118 mph (190 km/h)
H M+S ¹	up to 130 mph (210 km/h)
V M+S ¹	up to 149 mph (240 km/h)

¹ or M+S  for winter tires

i Not all M+S rated tires provide special winter performance. Make sure the tires you use show M+S and the mountain/snowflake  marking on the tire sidewall. These tires meet specific snow traction performance requirements of the Rubber Manufacturers Association (RMA) and the Rubber Association of Canada (RAC) and have been designed specifically for use in snow conditions.

Load identification



① Load identification

i For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

In addition to tire load rating, special load identification ① may be molded into the tire sidewall following the letter designating the tire speed rating (▷ page 277).

No specification given: absence of any text (like in above example) indicates a standard load (SL) tire.

XL or Extra Load: designates an extra load (or reinforced) tire.

Light Load: designates a light load tire.

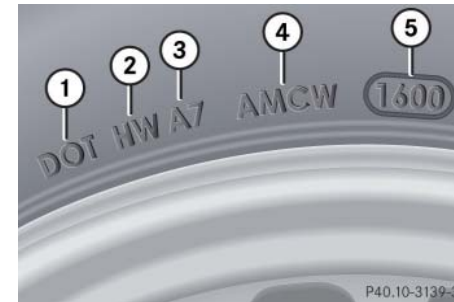
C, D, E: designates load range associated with the maximum load a tire can carry at a specified pressure.

DOT, Tire Identification Number (TIN)

U.S. tire regulations require each new tire manufacturer or tire retreader to mold a TIN into or onto a sidewall of each tire produced.

The TIN is a unique identifier which facilitates efforts by tire manufacturers to notify purchasers in recall situations or other safety matters concerning tires and gives purchasers the means to easily identify such tires.

The TIN is comprised of “Manufacturer’s identification mark”, “Tire size”, “Tire type code” and “Date of manufacture”.



- ① DOT
- ② Manufacturer’s identification mark
- ③ Tire size
- ④ Tire type code (at the option of the tire manufacturer)
- ⑤ Date of manufacture

i For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

Operation

Tires and wheels

DOT (Department of Transportation)

A tire branding symbol ① (▷ page 281) which denotes the tire meets requirements of the U.S. Department of Transportation.

Manufacturer's identification mark

The manufacturer's identification mark ② (▷ page 281) denotes the tire manufacturer.

New tires have a mark with two symbols.

Retreaded tires have a mark with four symbols. For more information on retreaded tires, see (▷ page 259).

Tire size

The code ③ (▷ page 281) indicates the tire size.

Tire type code

The code ④ (▷ page 281) may, at the option of the manufacturer, be used as a descriptive code for identifying significant characteristics of the tire.

Date of manufacture

The date of manufacture ⑤ (▷ page 281) identifies the week and year of manufacture.

The first two figures identify the week, starting with "01" to represent the first full week of the calendar year. The second two figures represent the year.

For example, "3202" represents the 32nd week of 2002.

Maximum tire load



① Maximum tire load rating

i For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

The maximum tire load is the maximum weight the tires are designed to support.

Warning!



Do not overload the tires by exceeding the specified load limit or vehicle capacity weight as indicated on the Tire and Loading Information placard located on the driver's door B-pillar. Overloading the tires can overheat them, possibly causing a blowout. Overloading the tires can also result in handling or steering problems, or brake failure.

For more information on tire load rating (▷ page 278).

For information on calculating total and cargo load capacities (▷ page 264).

Maximum tire inflation pressure



① Maximum permissible tire inflation pressure

i For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

This is the maximum permissible tire inflation pressure for the tire.

Always follow the recommended tire inflation pressure (▷ page 268) for proper tire inflation.

Warning!



Never exceed the max. tire inflation pressure. Follow recommended tire inflation pressures.

Do not underinflate tires. Underinflated tires wear excessively and/or unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.

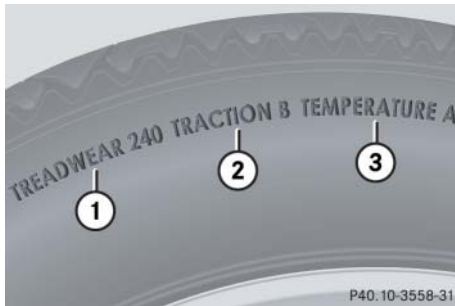
Do not overinflate tires. Overinflated tires can adversely affect handling and ride comfort, wear unevenly, increase stopping distance, and result in sudden deflation (blowout) because they are more likely to become punctured or damaged by road debris, potholes etc.

Operation

Tires and wheels

Uniform Tire Quality Grading Standards (U.S. vehicles)

Tire manufacturers are required to grade tires based on three performance factors: treadwear, traction and temperature resistance.



- ① Treadwear
- ② Traction
- ③ Temperature resistance

i For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

Quality grades can be found, where applicable, on the tire sidewall between tread shoulder and maximum section width. For example:

Treadwear	Traction	Temperature
200	AA	A

All passenger car tires must conform to federal safety requirements in addition to these grades.

Treadwear

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half ($1\frac{1}{2}$) times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

Traction

The traction grades, from highest to lowest, are AA, A, B, and C. Those grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

Warning!



The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

Temperature

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

Warning!

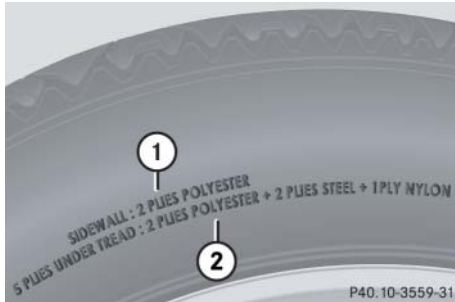


The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause excessive heat build-up and possible tire failure.

Operation

Tires and wheels

Tire ply material



- ① Plies in sidewall
- ② Plies under tread

i For illustration purposes only. Actual data on tires are specific to each vehicle and may vary from data shown in above illustration.

This marking tells you about the type of cord and number of plies in the sidewall and under the tread.

Tire and loading terminology

Accessory weight

The combined weight (in excess of those standard items which may be replaced) of automatic transmission, power steering, power brakes, power windows, power seats, radio, and heater, to the extent that these items are available as factory-installed equipment (whether installed or not).

Air pressure

The amount of air inside the tire pressing outward on each square inch of the tire. Air pressure is expressed in pounds per square inch (psi), or kilopascal (kPa) or bars.

Aspect ratio

Dimensional relationship between tire section height and section width expressed in percentage.

Bar

Another metric unit for air pressure. There are 14.5038 pounds per square inch (psi) to 1 bar; there are 100 kilopascals (kPa) to 1 bar.

Bead

The tire bead contains steel wires wrapped by steel cords that hold the tire onto the rim.

Cold tire inflation pressure

Tire inflation pressure when your vehicle has been sitting for at least three hours or driven no more than 1 mile (1.6 km).

Curb weight

The weight of a motor vehicle with standard equipment including the maximum capacity of fuel, oil, and coolant, and, if so equipped, air conditioning and additional optional equipment, but without passengers and cargo.

DOT (Department of Transportation)

A tire branding symbol which denotes the tire meets requirements of the U.S. Department of Transportation.

GAWR (Gross Axle Weight Rating)

The GAWR is the maximum permissible axle weight. The gross vehicle weight on each axle must never exceed the GAWR for the front and rear axle indicated on the certification label located on the driver's door A-pillar.

GVW (Gross Vehicle Weight)

The GVW comprises the weight of the vehicle including fuel, tools, spare wheel, installed accessories, passengers and cargo and, if applicable, trailer tongue load. The GVW must never exceed the GVWR indicated on the certification label located on the driver's door A-pillar.

GVWR (Gross Vehicle Weight Rating)

This is the maximum permissible vehicle weight of the fully loaded vehicle (weight of the vehicle including all options, passengers, fuel, and cargo and, if applicable, trailer tongue load). It is indicated on certification label located on the driver's door A-pillar.

Kilopascal (kPa)

The metric unit for air pressure. There are 6.9 kPa to 1 psi; another metric unit for air pressure is bars. There are 100 kilopascals (kPa) to 1 bar.

Maximum load rating

The maximum load in kilograms and pounds that can be carried by the tire.

Maximum loaded vehicle weight

The sum of curb weight, accessory weight, total load limit and production options weight.

Maximum tire inflation pressure

This number is the greatest amount of air pressure that should ever be put in the tire under normal driving conditions.

Normal occupant weight

The number of occupants the vehicle is designed to seat, multiplied by 68 kilograms (150 lb).

Occupant distribution

The distribution of occupants in a vehicle at their designated seating positions.

Production options weight

The combined weight of those installed regular production options weighing over 5 lb (2.3 kilograms) in excess of those standard items which they replace, not previously considered in curb weight or accessory weight, including heavy duty brakes, ride levelers, roof rack, heavy duty battery, and special trim.

Operation

Tires and wheels

PSI (Pounds per square inch)

A standard unit of measure for air pressure
-> bar, kilopascal (kPa).

Recommended tire inflation pressure

Recommended tire inflation pressure for normal driving conditions is listed on the Tire and Loading Information placard located on the driver's door B-pillar. Provides best handling, tread life and riding comfort. If so equipped, supplemental information pertaining to special driving situations can be found on the tire inflation pressure label on the inside of the fuel filler flap.

Rim

A metal support for a tire or a tire and tube assembly upon which the tire beads are seated.

Sidewall

The portion of a tire between the tread and the bead.

TIN (Tire Identification Number)

Unique identifier which facilitates efforts by tire manufacturers to notify purchasers in recall situations or other safety matters concerning tires and gives purchasers the means to easily identify such tires. The TIN is comprised of "Manufacturer's identification mark", "Tire size", "Tire type code" and "Date of manufacture".

Tire load rating

Numerical code associated with the maximum load a tire can support.

Tire ply composition and material used

This indicates the number of plies or the number of layers of rubber-coated fabric in the tire tread and sidewall. Tire manufacturers also must indicate the ply materials in the tire and sidewall, which include steel, nylon, polyester, and others.

Tire speed rating

Part of tire designation; indicates the speed range for which a tire is approved.

Total load limit

Rated cargo and luggage load plus 68 kilograms (150 lb) times the vehicle's designated seating capacity.

Traction

Force exerted by the vehicle on the road via the tires. The amount of grip provided.

Tread

The portion of a tire that comes into contact with the road.

Treadwear indicators

Narrow bands, sometimes called "wear bars" that show across the tread of a tire when only $\frac{1}{16}$ in (1.6 mm) of tread remains.

Uniform Tire Quality Grading Standards

A tire information system that provides consumers with ratings for a tire's traction, temperature and treadwear. Ratings are determined by tire manufacturers using government testing procedures. The ratings are molded into the sidewall of the tire.

Vehicle maximum load on the tire

Load on an individual tire that is determined by distributing to each axle its share of the maximum loaded vehicle weight and dividing it by two.

Rotating tires

! *A wheel change should only be carried out at an authorized Mercedes-Benz Center. Otherwise there is a danger of damaging the vehicle by jacking it up incorrectly.*

Warning!



Rotate front and rear wheels only if the tires are of the same dimension.

If your vehicle is equipped with mixed-size tires (different tire dimensions front vs. rear), tire rotation is not possible.

Tire rotation can be performed on vehicles with tires of the same dimension all around. If your vehicle is equipped with tires of the same dimension all around, tires can be rotated, observing a front-to-rear rotation pattern that will maintain the intended rotation (spinning) direction of the tire (▷ page 262).

In some cases, such as when your vehicle is equipped with mixed-size tires (different tire dimension front vs. rear), tire rotation is not possible.

If applicable to your vehicle's tire configuration, tires can be rotated according to the tire manufacturer's recommended intervals in the tire manufacturer's warranty pamphlet located in your vehicle literature portfolio. If none is available, tires should be rotated every 3000 to 6000 miles (5000 to 10000 km), or sooner if necessary, according to the degree of tire wear. The same rotation (spinning) direction must be maintained (▷ page 262).

Rotate tires before the characteristic tire wear pattern becomes visible (shoulder wear on front tires and tread center wear on rear tires).

Operation

Tires and wheels

Thoroughly clean the mounting face of wheels and brake disks, i.e. the inner side of the wheels/tires, during each rotation. Check for and ensure proper tire inflation pressure.

Warning!



Have the tightening torque checked after changing a wheel. Wheels could become loose if not tightened with a torque of 95 lb-ft (130 Nm).

Only use Genuine Mercedes-Benz wheel bolts specified for your vehicle's rims.

For information on wheel change, see the "Practical hints" section (▷ page 365).

Anti-theft wheel nuts

Your vehicle is equipped with anti-theft wheel nuts that prevent the theft of your vehicle's wheels.

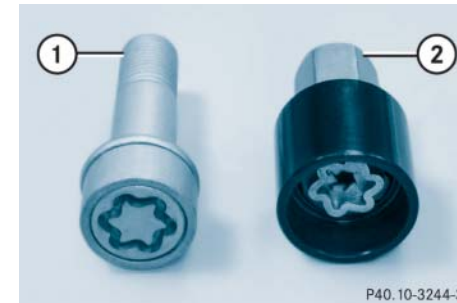
Warning!



Pull the parking brake lever up as many notches as possible and move the gear selector lever to park position **P**, before loosening the wheel bolts. Otherwise the vehicle may move and cause an accident and/or serious personal injury.

! Do not use air tools, such as an impact wrench, when installing or removing the anti-theft wheel nuts. An impact wrench can damage the anti-theft wheel nuts and the wheel nut key, or cause them to malfunction.

! Store wheel bolts and anti-theft wheel nuts not currently in use in a safe place to avoid damage to the threads.



- ① Anti-theft wheel nut
- ② Wheel nut key

Removing anti-theft wheel nuts

- ▶ Unscrew anti-theft wheel nut ① using wheel nut key ②.
- ▶ Replace anti-theft wheel nut ① with one of the regular wheel bolts.
- ▶ Fasten the wheel bolt and tighten it with a torque wrench to a tightening torque of 95 lb-ft (130 Nm).

Warning!



The wheels could come loose if the wheel bolts are not tightened to a torque of 95 lb-ft (130 Nm). Have the tightening torque checked after changing a wheel.

Warning!



The wheels could come loose if the wheel bolts are not tightened to a torque of 95 lb-ft (130 Nm). Have the tightening torque checked after changing a wheel.

Fitting anti-theft wheel nuts

- ▶ Unscrew a wheel bolt from one of the wheels.
- ▶ Replace that wheel bolt with one of the anti-theft wheel nuts ① delivered with your vehicle.
- ▶ Fasten anti-theft wheel nut ① using wheel nut key ② and tighten with a torque wrench to a tightening torque of 95 lb-ft (130 Nm).

i *Keep the anti-theft wheel nut key in a convenient place in your vehicle where you and service personnel can always find it easily when it is needed.*

i *If you should lose the anti-theft wheel nut key or one of the anti-theft wheel nuts, please contact an authorized Mercedes-Benz Center for a replacement.*

Operation


Winter driving

Before the onset of winter, have your vehicle winterized at an authorized Mercedes-Benz Center. This service includes:

- Check of anticorrosion and antifreeze concentration.
- Addition of cleaning concentrate to the water of the windshield and headlamp cleaning system. Add MB Concentrate “MB Summerfit” to a premixed windshield washer solvent/antifreeze which is formulated for below freezing temperatures (▷ page 401).
- Battery test. Battery capacity drops with decreasing ambient temperature. A well charged battery helps to make sure that the engine can be started, even at low ambient temperatures.
- Tire change. Mercedes-Benz recommends M+S rated radial-ply tires with a minimum tread depth of approximately $\frac{1}{6}$ in (4 mm) on all four wheels for the winter season.

Winter tires*

! *A wheel change should only be carried out at an authorized Mercedes-Benz Center. Otherwise there is a danger of damaging the vehicle by jacking it up incorrectly.*

Always use winter tires at temperatures below 45°F (7°C) and whenever wintry road conditions prevail. Not all M+S rated tires provide special winter performance. Make sure the tires you use show the mountain/snowflake  marking on the tire sidewall. These tires meet specific snow traction performance requirements of the Rubber Manufacturers Association (RMA) and the Rubber Association of Canada (RAC) and have been designed specifically for use in snow conditions. Use of winter tires is the only way to achieve the maximum effectiveness of the ABS and ESP® in winter operation.

For safe handling, make sure that all mounted winter tires are of the same make and have the same tread design.

Warning!



Winter tires with a tread depth of less than $\frac{1}{6}$ in (4 mm) must be replaced. They are no longer suitable for winter operation, in particular because they do not provide sufficient grip. This could cause you to lose control of your vehicle and cause an accident.

Always observe the speed rating of the winter tires installed on your vehicle. If the maximum speed for which your tires are rated is below the speed rating of your vehicle, you must place a notice to this effect where it will be seen by the driver. Such notices are available from your tire dealer or from any authorized Mercedes-Benz Center.

After you have fitted the winter tires, restart the TPMS (▷ page 274).

Snow chains

Snow chains should only be driven on snow-covered roads at speeds not to exceed 30 mph (50 km/h). Remove chains as soon as possible when driving on roads without snow.

i *When driving with snow chains, you may wish to deactivate the ESP® (▷ page 86) before setting the vehicle in motion. This will improve the vehicle's traction.*

Please observe the following guidelines when using snow chains:

- Use of snow chains is not permissible with all wheel/tire combinations.
- Snow chains should only be used on the rear wheels. Follow the manufacturer's mounting instructions.

! *If snow chains are mounted to the front wheels, they may scrape against the body or axle components. The tires or the vehicle could be damaged as a result.*

- Only use snow chains that are approved by Mercedes-Benz. Any authorized Mercedes-Benz Center will be glad to advise you on this subject.
- Use of snow chains may be prohibited depending on location. Always check local and state laws before installing snow chains.

! *Use of snow chains is not permissible with tire sizes:*

- 255/35 ZR19 (96Y) XL (Summer tires only)
- 295/30 ZR19 (100Y) XL
- 295/35 ZR18 (99Y)

Operation

Maintenance

In order to maintain the performance and safety of your vehicle, we strongly recommend that you have your vehicle serviced by an authorized Mercedes-Benz Center, every 12 months, even if the vehicle has covered less than 10 000 miles (15 000 km) in that time.

The maintenance service indicator will notify you when the next maintenance service is due within the next 12 months or 10 000 miles (15 000 km), whichever comes sooner.

! Failure to have the vehicle maintained in accordance with the Maintenance Booklet and maintenance service indicator at the designated times/mileage will result in vehicle damage not covered by the Mercedes-Benz Limited Warranty.

! Excessive load on the brake system causes increased wear of brake pads and brake disks. If the brake pads have to be replaced multiple times within one maintenance service interval, the brake disks must be checked. Observe the information given in the Maintenance Booklet and contact an authorized Mercedes-Benz Center.

Before the next maintenance service is due, one of the following messages will appear in the right multifunction display while you are driving or when you switch on the ignition:

Service In . . . Days
Service In . . . Miles

When the maintenance service is due, the following message appears in the multifunction display:

Service Due Now

Clearing the maintenance service indicator message

The maintenance service indicator message is automatically cleared after 30 seconds when you switch on the ignition. You can also clear it yourself.



① Reset button

► Press reset button ①.

The maintenance service indicator message is cleared and the standard display appears in the multifunction display (► page 117).






Maintenance service term exceeded

If you have exceeded the suggested maintenance service term, you will see the following message in the right multifunction display:

Service Exceeded By . . . Days
 Service Exceeded By . . . Miles


Any authorized Mercedes-Benz Center will reset the maintenance service indicator following a completed maintenance service.

Calling up the maintenance service due date

- ▶ Switch on the ignition (▷ page 40).
- ▶ Press button  or  on the multifunction steering wheel repeatedly until the standard display appears in the multifunction display (▷ page 117).
- ▶ Press button  or  on the multifunction steering wheel until the maintenance service indicator service symbol  appears in the left multifunction display and the maintenance service deadline appears in the right multifunction display.

i If the vehicle is not be used for a longer period of time, do not disconnect the consumer battery. Instead, maintain the condition of the battery by using the battery charger approved by Mercedes-Benz for use on the SLR and supplied with the car (▷ page 372). This charger automatically controls the charge rate, and can be left connected to the car for long periods without damage to the battery.

If the battery supplying the vehicle's electrical consumers is disconnected, the days of disconnection will not be included in the count shown by the maintenance service indicator. To arrive at the true maintenance service deadline, you will need to subtract these days from the days shown in the maintenance service indicator.

Do not confuse the maintenance service indicator with the engine oil level indicator .

Operation

Maintenance

Resetting the maintenance service indicator

In the event that the maintenance service on your vehicle is not carried out by an authorized Mercedes-Benz Center, you can have the maintenance service indicator reset. The automotive maintenance facility carrying out the maintenance service will find the information for resetting the maintenance service indicator in the maintenance-relevant information for your vehicle. Such information is available from any authorized Mercedes-Benz Center or directly from Mercedes-Benz.

i *If the maintenance service indicator was inadvertently reset, have an authorized Mercedes-Benz Center correct it.*

Only reset if the proper maintenance service has been performed. Resetting the system without performing the proper service as called for by the maintenance service indicator will result in engine damage and/or other vehicle damage not covered by the Mercedes-Benz Limited Warranty.

▼ **Vehicle care**

Cleaning and care of the vehicle

Warning!



Many cleaning products can be hazardous. Some are poisonous, others are flammable. Always follow the instructions on the particular container. Always open your vehicle's doors or door windows when cleaning the inside.

Never use fluids or solvents that are not designed for cleaning your vehicle.

If you have any questions about proper care of your vehicle, please contact an authorized Mercedes-Benz Center.

i Mercedes-Benz recommends that you use Mercedes-Benz care products. These have been specially developed to suit Mercedes-Benz vehicles and are state of the art. Mercedes-Benz care products are available from any Mercedes-Benz Center.

Depending on body color the characteristic carbon structure of the body surface may become visible due to high ambient temperatures and humidity. This phenomenon is related to the technology and concept of the vehicle's body.

! *Affixing stickers, magnets, adhesive tape or similar materials to painted body components may damage the paintwork.*

While in operation, even while parked, your vehicle is subjected to varying external influences which, if gone unchecked, can attack the paintwork as well as the underbody and cause lasting damage.

Such damage is caused not only by extreme and varying climatic conditions, but also by:

- Air pollution
- Road salt
- Tar
- Gravel and stone chipping

To avoid paint damage, you should immediately remove:

- Grease and oil
- Fuel
- Coolant
- Brake fluid
- Bird droppings
- Insects
- Tree resins, etc.

Frequent washing reduces and/or eliminates the aggressiveness and potency of the above adverse influences.

More frequent washings are necessary to deal with unfavorable conditions:

- near the ocean
- in industrial areas (smoke, exhaust emissions)
- during winter operation

Operation

Vehicle care

You should check your vehicle from time to time for stone chipping or other damage. Any damage should be repaired as soon as possible.

Vehicle washing

! *When washing the vehicle, fine and rigid particles in sponges or brushes could scratch or otherwise damage the paint. This applies to both, hand-wash or automatic car wash. Mercedes-Benz recommends you to have your vehicle cleaned at an automatic car wash from the start, preferably one without brushes, or to use plenty of water when hand-washing your vehicle.*

Do not wash the car in direct sunlight and when the body surface is hot.

In the winter, remove salt residue quickly and thoroughly.

Hand-wash

Do not use hot water or wash your vehicle in direct sunlight.

- ▶ Only use a mild car wash detergent, which is recommended by Mercedes-Benz.
- ▶ Only use a soft sponge or a washing brush.
- ▶ Thoroughly spray the vehicle with a diffused jet of water.

Direct only a very weak spray towards the ventilation intake.
- ▶ Use plenty of water and rinse the sponge and chamois frequently.
- ▶ Rinse with clean water and thoroughly dry with a chamois.

Do not allow cleaning agents to dry on the finish.

! *Do not use scouring agents on these parts.*

Never apply strong force and only use a soft, non-scratching cloth when cleaning the vehicle. Do not attempt to wipe the surface with a dry cloth or sponge.

Otherwise you may scratch or damage the paint.

Automatic car wash

You can have your car washed in an automatic car wash from the start. Automatic car washes without brushes are preferable.

- ▶ To protect the filter system, switch the automatic climate control to air recirculation mode (▷ page 193).

! *Do not clean your vehicle in an automatic touchless car wash which uses caustic spray. Otherwise, the caustic spray will damage the paint or ornamental moldings.*

Do not choose final hot-wax conservation when taking the vehicle to an automatic car wash.

If the vehicle is very dirty, prewash it before running it through the automatic car wash.

! Make sure that the windshield wiper switch is set to **0** (▷ page 52). Otherwise, the rain sensor could activate and cause the wipers to move unintentionally. This may lead to vehicle damage.

Due to the width of the vehicle, fold in exterior rear view mirrors prior to running the vehicle through an automatic car wash to prevent damage to the mirrors.

i After running the vehicle through an automatic car wash, wipe any wax off of the windshield (▷ page 299). This will prevent smears and reduce wiping noise which can be caused by residual wax on the windshield.

Power washer

! Do not use power washer to clean your vehicle or the engine.

Cleaning the windows and wiper blades

! The hood must be opened (▷ page 250) before folding the wiper arm away from the windshield. You could otherwise damage the hood and/or the wiper arms.

! Never open or close the hood when the wiper arms are folded away from the windshield. You could otherwise damage the hood and/or the wiper arm.

Warning!



For safety reasons, switch off wipers and remove SmartKey from starter switch before cleaning the wiper blades. Otherwise the wiper motor could suddenly turn on and cause injury.

▶ Remove the SmartKey from the starter switch.

! Do not pull on the wiper blade inserts. They could tear.

▶ Fold the wiper arm away from the windshield (▷ page 363).

You must feel the wiper arm engage in position.

▶ Clean the wiper blade inserts with a clean cloth and detergent solution.

▶ Use a soft, clean cloth and a mild window cleaning solution on all outside and inside glass surfaces.

An automotive glass cleaner is recommended.

! To clean the window interior, do not use a dry cloth, abrasives, solvents or cleaners containing solvents. Do not touch the inside of the front, rear or door windows with hard objects such as an ice scraper or ring. Doing so may damage the windows.



Operation

Vehicle care

- ▷▷ **!** *Fold the windshield wiper arms back onto the windshield before turning the SmartKey in the starter switch.*

Hold on to the wiper when folding the wiper arm back. If released, the force of the impact from the tensioning spring could crack the windshield.

Cleaning the headlamps

- ▶ Wipe the headlamp lens with a damp sponge.

! *Only use windshield washer fluid suitable for plastic lamp lenses. Unsuitable windshield washer fluid may cause damage to the plastic lenses of the headlamps.*

Do not use

- *a dry cloth*
- *abrasive products*
- *solvents*
- *cleaning agents containing solvents*

You could otherwise scratch or damage the lens surface.

Cleaning the headlamps

- ▶ Wipe the headlamp lens with a damp sponge.

! *Only use windshield washer fluid suitable for plastic lamp lenses. Unsuitable windshield washer fluid may cause damage to the plastic lenses of the headlamps.*

Do not use

- *a dry cloth*
- *abrasive products*
- *solvents*
- *cleaning agents containing solvents*

You could otherwise scratch or damage the lens surface.

Soft top care

Frequent cleaning reduces the dirt-repellent effect of the soft top.

Intensive cleaning with Mercedes-Benz care products for soft tops can help to restore the dirt-repellent effect.

! *Incorrect cleaning and care can damage the soft top or cause leaks. In this case contact an authorized Mercedes-Benz Center, to have the soft top inspected.*

! *Remove bird droppings immediately. Bird droppings are caustic and can cause leaks in the soft top. Do not remove ice and snow with sharp-edged devices.*

! Do not clean the soft top with:

- gasoline or benzine
- thinner
- tar or stain remover
- other organic solvents

! Do not choose final hot-wax conservation when taking the vehicle to an automatic car wash.

i As it has a two-tone design, the soft top consists of a special fabric. The appearance of the fabric may change after opening and closing the soft top several times. A change in fabric color or bright lines along the soft top folds may be noticed. The genuine appearance will be restored when you clean the soft top with water (▷ page 301) and then let it dry using a heat source, insolation for example.

If you intend to park your vehicle for an extended period of time, observe the following:

- Park the vehicle with closed, dry soft top.
- When parking in confined areas, make sure that the soft top remains dry and ensure good ventilation.
- When parking the vehicle in the open, place a suitable cover over the soft top.

Cleaning the soft top

In case of light soiling, cleaning the soft top dry or spray or clean with water should be sufficient.

If necessary, clean the soft top with water and a soft brush. Always brush from the front to the rear along the grain of the fabric.

In case of heavy soiling or stains, clean the soft top with suitable soft top cleaner and a soft brush. Always brush from the front to the rear along the grain of the fabric.



Practical hints

What to do if ...

Where will I find ...?

Unlocking in an emergency

Replacing SmartKey batteries

Replacing bulbs

Replacing wiper blades

Flat tire

Batteries

Towing the vehicle

Fuses




Practical hints

What to do if ...

Lamps in instrument cluster


General information:
If any of the following lamps in the instrument cluster fails to come on during the

bulb self-check when switching on the ignition, have the respective bulb checked and replaced if necessary.

Problem	Possible cause/consequence	Suggested solutions
 The yellow ABS/ESP® warning lamp comes on while the engine is running.	<p>Risk of accident!</p> <p>The ESP® has been switched off.</p> <p>When the ESP® is switched off it will not stabilize the vehicle if the system recognizes that the vehicle starts to skid or that a wheel is spinning.</p>	<ul style="list-style-type: none"> ▶ Switch the ESP® back on (▷ page 87). Exceptions: (▷ page 86). ▶ If leaving the ESP® switched off, adapt your speed and driving to the prevailing road and weather conditions. <p>If the ESP® cannot be switched on:</p> <ul style="list-style-type: none"> ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible.
	<p>Risk of accident!</p> <p>The ESP® is not operational due to a malfunction.</p>	<ul style="list-style-type: none"> ▶ Read and observe additional messages in the multifunction display (▷ page 319). ▶ Continue driving with added caution. ▶ Adapt your speed and driving to the prevailing road and weather conditions. ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible.


Practical hints

What to do if ...

Problem	Possible cause/consequence	Suggested solutions
 The yellow ABS/ESP® warning lamp flashes while driving.	<p>Risk of accident!</p> <p>The ESP®, ABS, or traction control has come into operation because of detected traction loss in at least one tire.</p> <p>The cruise control is deactivated.</p>	<ul style="list-style-type: none">▶ When driving off, apply as little throttle as possible.▶ While driving, ease up on the accelerator.▶ Adapt your speed and driving to the prevailing road and weather conditions.▶ Do not deactivate ESP®. Exceptions: (▷ page 86). <p>Failure to follow these instructions increases the risk of an accident.</p>





Practical hints

What to do if ...

Problem	Possible cause/consequence	Suggested solutions
 The yellow ABS indicator lamp comes on while the engine is running.	<p>Risk of accident!</p> <p>The ABS has detected a malfunction and has switched off. The BAS and the ESP® are also switched off.</p> <p>If the ABS control unit is malfunctioning, other systems such as the automatic transmission may also be malfunctioning.</p> <p>The electro-hydraulic brake system is still functioning normally but without ABS available.</p> <p>The charging voltage has fallen below 10 volts. The ABS has switched off.</p> <p>The battery may not be charged sufficiently.</p>	<ul style="list-style-type: none">▶ Continue driving with added caution. Wheels may lock during hard braking, reducing steering capability.▶ Have the system checked at an authorized Mercedes-Benz Center immediately. <p>Failure to follow these instructions increases the risk of an accident.</p> <ul style="list-style-type: none">▶ Read and observe messages in the multifunction display (▷ page 319). <p>When the voltage is above this value again, the ABS is operational again and the ABS indicator lamp should go out.</p> <p>If the ABS indicator lamp does not go out:</p> <ul style="list-style-type: none">▶ Have the generator (alternator) and the battery checked.

Practical hints

What to do if ...

Problem	Possible cause/consequence	Suggested solutions
 (Canada only)  (USA only) The red brake warning lamp comes on while driving and you hear a warning sound.	You are driving with the parking brake set.	▶ Release the parking brake (▷ page 49).
 (Canada only)  (USA only) The red brake warning lamp comes on while the engine is running and you hear a warning sound.	Risk of accident! <ul style="list-style-type: none"> • There is a malfunction in the electro-hydraulic brake system. • There is insufficient brake fluid in the reservoir. 	▶ Carefully stop the vehicle in a safe location or as soon as it is safe to do so and contact an authorized Mercedes-Benz Center. Do not add brake fluid! This will not solve the problem. ▶ Read and observe messages in the multifunction display (▷ page 319).

Warning!





Driving with the brake warning lamp illuminated can result in an accident. Have your brake system checked immediately if the brake warning lamp stays on. Do not add brake fluid before checking the brake system.


Overfilling the brake fluid reservoir can result in spilling brake fluid on hot engine parts and the brake fluid catching fire. You can be seriously burned.

! *If you find that the brake fluid in the brake fluid reservoir has fallen to the minimum mark or below, have the brake system checked for brake pad thickness and leaks.*

Practical hints



What to do if ...


Problem	Possible cause/consequence	Suggested solutions
 (USA only)  (Canada only) The yellow engine malfunction indicator lamp comes on while the engine is running.	There is a malfunction in: <ul style="list-style-type: none">• The fuel injection system• The ignition system• The emission control system• Systems which effect emissions Such malfunctions may result in excessive emissions values and may switch the engine to its limp-home (emergency operation) mode.	► Have the vehicle checked as soon as possible by an authorized Mercedes-Benz Center. An on-board diagnostic connector is used by the service station to link the vehicle to the shop diagnostics system. It allows the accurate identification of system malfunctions through the readout of diagnostic trouble codes. It is located in the front left area of the footwell next to the parking brake pedal.

 *Some states may by law require you to visit a workshop as soon as the engine malfunction indicator lamp comes on. Check local requirements.*

Practical hints



What to do if ...

Problem	Possible cause/consequence	Suggested solution
 (USA only)  (Canada only) The yellow engine malfunction indicator lamp comes on while driving.	The fuel filler cap is not closed tightly.	<ul style="list-style-type: none">▶ Check the fuel filler cap (▷ page 247). If it is not closed properly: <ul style="list-style-type: none">▶ Close the fuel filler cap. If it is closed properly: <ul style="list-style-type: none">▶ Have the fuel system checked by an authorized Mercedes-Benz Center.

 *Some states may by law require you to visit a workshop immediately as soon as the engine malfunction indicator lamp comes on. Check local requirements.*

Practical hints

What to do if ...

Problem	Possible cause/consequence	Suggested solution
 <p>The red coolant temperature warning lamp comes on while the engine is running.</p>	There is insufficient coolant in the reservoir.	▶ Immediately add coolant to prevent engine from overheating (▷ page 255).
	If this warning lamp comes on frequently, there is a leak in the cooling system.	▶ Have the cooling system checked by an authorized Mercedes-Benz Center.
	If the coolant level is correct, the electric radiator fan may be broken.	▶ If the coolant temperature is below 248°F (120°C), you can continue driving to the nearest authorized Mercedes-Benz Center. ▶ Avoid high engine loads (e.g. driving uphill) and stop-and-go driving.
 <p>The red coolant temperature warning lamp comes on while the engine is running and you hear a warning sound.</p>	The coolant temperature has exceeded 248°F (120°C).	▶ Stop as soon as possible in a safe location and allow the engine and coolant to cool down.

Warning!



Driving when your engine is overheated can cause some fluids which may have leaked into the engine compartment to catch fire. You could be seriously burned.

Steam from an overheated engine can cause

serious burns which can occur just by opening the engine hood. Stay away from the engine if you see or hear steam coming from it.





Stop the vehicle in a safe location away from other traffic. Turn off the engine, get out of the vehicle and do not stand near the vehicle until the engine has cooled down.

During severe operating conditions, e.g. stop-and-go traffic, the coolant temperature may rise close to 248°F (120°C).

! *The engine should not be operated with the coolant temperature above 248°F (120°C). Doing so may cause serious engine damage which is not covered by the Mercedes-Benz Limited Warranty.*




Practical hints

What to do if ...

Problem	Possible cause/consequence	Suggested solutions
 The red Airbrake warning lamp comes on while driving and you hear a warning sound.	The Airbrake or the central locking system is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center immediately.
 The red gearshift indicator lamp comes on while driving.	You are driving with the manual shift program. The engine is in the overrevving range.	▶ Shift to the next higher gear. Otherwise the fuel supply will be interrupted to prevent the engine from overrevving.
 The yellow fuel reserve warning lamp comes on while driving.	The fuel level has dropped below the reserve mark. The fuel filler cap is not closed tightly.	▶ Refuel at the nearest gas station (▷ page 247). ▶ Check the fuel filler cap (▷ page 247).
 The engine oil temperature indicator comes on in the tachometer while driving.	The engine oil has not yet reached its operating temperature.	▶ Warm up the engine and do not drive at full power until the operating temperature has been reached. The symbol will go out as soon as the engine oil has reached its operating temperature.


Practical hints

What to do if ...

Problem	Possible cause/consequence	Suggested solution
 The red seat belt telltale comes on for a maximum of 6 seconds after starting the engine.	The telltale reminds you and your passenger to fasten your seat belts before driving off.	<ul style="list-style-type: none">▶ Fasten your seat belts. Regardless of whether the seat belts are fastened or not, the seat belt telltale always comes on and remains lit for 6 seconds after starting the engine.
 You hear a warning chime for a maximum of 6 seconds after starting the engine.	You have forgotten to fasten your seat belt.	<ul style="list-style-type: none">▶ Fasten your seat belt. The warning chime stops sounding.
 The red seat belt telltale comes on while the vehicle is standing still and the engine is running or during driving.	You and/or your passenger have forgotten to fasten your seat belts.	<ul style="list-style-type: none">▶ Fasten your seat belts. The seat belt telltale goes out.
	There are items placed on the passenger seat and therefore the system senses the passenger seat as being occupied.	<ul style="list-style-type: none">▶ Remove the items from the passenger seat and put them in a safe place. The seat belt telltale goes out.

Practical hints

What to do if ...

Problem	Possible cause/consequence	Suggested solution
 During driving the red seat belt telltale flashes and you additionally hear an intermittent warning chime with increasing intensity.	<p>The vehicle's speed once exceeds 15 mph (25 km/h) and you and/or your passenger have forgotten to fasten your seat belts.</p> <p>There are items placed on the passenger seat and therefore the system senses the passenger seat as being occupied.</p>	<p>► Fasten your seat belts.</p> <p>The seat belt telltale goes out and the warning chime stops sounding.</p> <p>► Remove the items from the passenger seat and put them in a safe place.</p> <p>The seat belt telltale goes out and the warning chime stops sounding.</p>

i After 60 seconds with an unfastened seat belt, the warning chime stops sounding and the seat belt telltale illuminates continuously. The seat belt telltale will only go out if both, the driver's and passenger's seat belt are fastened, or the vehicle is standing still and a door is opened.

Practical hints

What to do if ...

Problem	Possible cause/consequence	Suggested solution
SRS The red SRS indicator lamp comes on while the engine is running.	There is a malfunction in the restraint systems. The air bags or Emergency Tensioning Device (ETD) could deploy unexpectedly or fail to activate in an accident.	► Drive with added caution to the nearest authorized Mercedes-Benz Center.



Warning!



In the event that a malfunction of the SRS is indicated as outlined above, the SRS may not be operational. For your safety, we strongly recommend that you contact an authorized Mercedes-Benz Center immediately to have the system checked, otherwise the SRS may not be deployed when needed in an accident, which could result in serious or fatal injury, or it might deploy unexpectedly and unnecessarily which could also result in an accident and/or injury to you or to others.

Practical hints

What to do if ...

Problem	Possible cause/consequence	Suggested solution
 USA only: Combination low tire pressure/TPMS malfunction telltale for the TPMS illuminates continuously. Canada only: Low tire pressure telltale for the TPMS illuminates continuously.	The TPMS detects a loss of pressure in at least one tire.	<ul style="list-style-type: none">▶ Carefully bring the vehicle to a halt, avoiding abrupt steering and braking maneuvers. Observe the traffic situation around you.▶ Read and observe messages in the multifunction display. <p>If the tire inflation pressure in the respective tire(s) has (have) been corrected, the combination low tire pressure/TPMS malfunction telltale goes out after a few minutes of driving.</p>
 USA only: Combination low tire pressure/TPMS malfunction telltale for the TPMS flashes 60 seconds and then stays illuminated.	There is a malfunction in the TPMS.	<ul style="list-style-type: none">▶ Read and observe messages in the multifunction display.▶ Have the TPMS checked by an authorized Mercedes-Benz Center. <p>After the malfunction has been remedied, the combination low tire pressure/TPMS malfunction telltale goes out after a few minutes of driving.</p> <p>(Continued on next page)</p>

Practical hints

What to do if ...

Warning!



Each tire should be checked every other week when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the Tire and Loading Information placard on the driver's door B-pillar (> page 269) or, if available, the tire inflation pressure label on the inside of the fuel filler flap. If your vehicle has tires of a different size than the size indicated on the Tire and Loading Information placard or, if available, the tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire pressure telltale when one or more of your tires is significantly underinflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure.

Underinflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability. Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if underinflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

USA only:

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended.

TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

Lamp in center console

Problem	Possible cause/consequence	Suggested solution
<p>PASSENGER AIR BAG OFF</p> <p>The passenger front air bag off indicator lamp illuminates and remains illuminated with the weight of a typical adult or someone larger than a small individual on the passenger seat.</p>	<p>The system is malfunctioning.</p>	<ul style="list-style-type: none"> ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible. ▶ Also read and observe any messages in the multifunction display and follow corrective steps (▷ page 324).

Warning!



If the PASSENGER AIR BAG OFF indicator lamp illuminates and remains illuminated with the weight of a typical adult or someone larger than a small individual on the passenger seat, do not have any passenger use the passenger seat until the system has been repaired.

Practical hints

What to do if ...

Problem	Possible cause/consequence	Suggested solution
PASSENGER AIR BAG OFF The passenger front air bag off indicator lamp does not illuminate and/or does not remain illuminated with the weight of a typical 12-month-old child in a standard child restraint or less on the passenger seat.	The system is malfunctioning.	<ul style="list-style-type: none">▶ Make sure there is nothing between seat cushion and child seat and check installation of the child seat.▶ Make sure that no objects applying supplemental weight onto the seat are present.▶ If the passenger front air bag off indicator lamp remains out, have the system checked as soon as possible by an authorized Mercedes-Benz Center. Do not transport a child on the passenger seat until the system has been repaired.▶ Also read and observe any messages in the multifunction display and follow corrective steps (▷ page 324).

Warning!



If the PASSENGER AIR BAG OFF indicator lamp does not illuminate or remains out with the weight of a typical 12-month-old child

in a standard child restraint or less on the passenger seat, do not transport a child on the passenger seat until the system has been repaired.

Vehicle status messages in the multifunction display

Warning and malfunction messages appear in the multifunction display located in the instrument cluster.





Certain warning and malfunction messages are accompanied by an audible signal.





Address these messages accordingly and follow the additional instructions given in this Operator's Manual.

Selecting the vehicle status message memory menu in the control system (▷ page 128) displays both cleared and uncleared messages.

High-priority messages appear in the multifunction display in red color.

Some low-priority messages go out after a few seconds.

Certain messages of high priority cannot be cleared from the multifunction display using the reset button (▷ page 29) or button , , , or  on the multifunction steering wheel.

Other messages of high priority and messages of less immediate priority can be cleared from the multifunction display using the reset button or button , , , or  on the multifunction steering wheel. They are then stored in the vehicle status message memory (▷ page 128). Remember that clearing a message will only make the message disappear. Clearing a message will not correct the condition that caused the message to appear.

Warning!



All categories of messages contain important information which should be taken note of and, where a malfunction is indicated, addressed as soon as possible at an authorized Mercedes-Benz Center.

Failure to repair condition noted may cause damage not covered by the Mercedes-Benz Limited Warranty, or result in property damage or personal injury.

Practical hints

What to do if ...

Warning!



No messages will be displayed if either the instrument cluster or the multifunction display is inoperative.

As a result, you will not be able to see information about your driving conditions, such as speed or outside temperature, warning/indicator lamps, malfunction/warning messages or the failure of any systems. Driving characteristics may be impaired.

If you must continue to drive, do so with added caution. Contact an authorized Mercedes-Benz Center as soon as possible.

i *Switching on the ignition causes all instrument cluster lamps (except high-beam headlamp indicator lamp and turn signal indicator lamps unless activated) as well as the multifunction display to come on. Make sure the lamps and multifunction display are in working order before starting your journey.*

On the pages that follow, you will find a compilation of the most important warning and malfunction messages that may appear in the multifunction display. High priority messages appear in red color.

For your convenience the messages are divided into two sections:

- Text messages (▷ page 321)
- Symbol messages (▷ page 332)

Text messages

Left display	Right display	Possible cause/consequence	Possible solution
ABS	ABS, ESP Unavailable See Oper. Manual	<p>Risk of accident!</p> <p>The ABS and ESP® are not available due to a malfunction. The BAS is also deactivated.</p> <p>The system's self-diagnosis may not be completed yet.</p> <p>The electro-hydraulic brake system is still functioning normally but without the ABS, the ESP®, and the BAS available.</p>	<ul style="list-style-type: none"> ▶ Drive a short distance with added caution at a vehicle speed of above 12 mph (20 km/h). When the message disappears, the ABS, the ESP®, and the BAS are available again. <p>If the message does not disappear:</p> <ul style="list-style-type: none"> ▶ Continue driving with added caution. Wheels may lock during hard braking, reducing steering capability. ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible. <p>Failure to follow these instructions increases the risk of an accident.</p>

Practical hints

What to do if ...

Left display	Right display	Possible cause/consequence	Possible solution
ABS	ABS, ESP Inoperative See Oper. Manual	Risk of accident! The ABS and ESP® have switched off due to a malfunction. The BAS is also deactivated. The electro-hydraulic brake system is still functioning normally but without the ABS, the ESP®, and the BAS available.	<ul style="list-style-type: none"> ▶ Continue driving with added caution. Wheels may lock during hard braking, reducing steering capability. ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible. <p>Failure to follow these instructions increases the risk of an accident.</p>
— MPH (USA only) — Km/h (Canada only)	Cruise Control	<p>One of the activation conditions for cruise control has not been fulfilled. For example, you attempted to set a speed below 20 mph (30 km/h).</p> <p>The ESP® is switched off.</p>	<ul style="list-style-type: none"> ▶ Drive faster than 20 mph (30 km/h), if the situation allows, and set the speed. (▷ page 205). ▶ Switch on the ESP® (▷ page 87). Exceptions: (▷ page 86).

Practical hints

What to do if ...

Left display	Right display	Possible cause/consequence	Possible solution
ESP	ESP Inoperative See Oper. Manual	Risk of accident! The ESP® has detected a malfunction and switched off. The ABS may not be operational. The electro-hydraulic brake system is still functioning normally but without the ESP® available.	<ul style="list-style-type: none"> ▶ Continue driving with added caution. ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible. <p>Failure to follow these instructions increases the risk of an accident.</p>
ESP	ESP Unavailable See Oper. Manual	Risk of accident! The ESP® is deactivated because the power supply has been interrupted. The ABS may not be operational. The electro-hydraulic brake system is still functioning normally but without the ESP® available.	<ul style="list-style-type: none"> ▶ Synchronize the ESP®. With the vehicle stationary, turn the steering wheel completely to the left and then to the right. <p>If the ESP® message does not go out:</p> <ul style="list-style-type: none"> ▶ Continue driving with added caution. ▶ Have the system checked at an authorized Mercedes-Benz Center as soon as possible. <p>Failure to follow these instructions increases the risk of an accident.</p>

! When synchronizing the ESP®, make sure you can turn the steering wheel in both directions as far as it will go without the wheels hitting any objects, e.g. a road curb.

Practical hints

What to do if ...

Left display	Right display	Possible cause/consequence	Possible solution
Front Passeng. Airbag	Enabled See Oper. Manual	The passenger front air bag and the passenger knee air bag are activated while driving even though a child, small individual, or object below the system's weight threshold is on the passenger seat, or the passenger seat is empty. Objects on the seat or forces acting on the seat may make the system sense supplemental weight.	<p>Stop the vehicle in a safe location as soon as possible and check the passenger seat for the following:</p> <ul style="list-style-type: none"> ▶ Switch off the ignition (▷ page 40). ▶ Apply the parking brake (▷ page 55). ▶ Remove child and child restraint from passenger seat. ▶ Make sure that no objects which are applying supplemental weight onto the seat are present. The system may recognize such supplemental weight and sense that an occupant on the passenger seat is of a greater weight than actually present. ▶ Keep the seat unoccupied, close the passenger door and switch on the ignition (▷ page 40). <p>Monitor the PASSENGER AIR BAG OFF indicator lamp (▷ page 70) and the multifunction display in the instrument cluster (▷ page 117) for the following:</p> <p>(Continued on next page)</p>

Practical hints

What to do if ...

Left display	Right display	Possible cause/consequence	Possible solution
			<p>With the seat unoccupied and the ignition switched on,</p> <ul style="list-style-type: none">the PASSENGER AIR BAG OFF indicator lamp (▷ page 70) should illuminate and remain illuminated, indicating that the OCS (▷ page 67) has deactivated the passenger front air bag and the passenger knee air bag.the message Front Passeng. Airbag Enabled See Oper. Manual or the message Front Passeng. Airbag Disabled See Oper. Manual should not appear in the multifunction display at any time the seat is unoccupied. Wait at least 60 seconds for the system to complete the necessary check cycles and to make sure neither message appears in the multifunction display. <p>If above conditions are met, you can occupy the passenger seat again. Depending on the passenger classification sensed by the OCS (▷ page 67), the PASSENGER AIR BAG OFF indicator lamp will remain illuminated or go out.</p> <p>If above conditions are not met, the system is not working properly. Have the system checked as soon as possible by an authorized Mercedes-Benz Center.</p>

Warning!



If the PASSENGER AIR BAG OFF indicator

lamp remains out even after performing the above corrective steps, do not have any children 12 years old and under and other

small individuals use the passenger seat until the system has been repaired.

Practical hints

What to do if ...

Left display	Right display	Possible cause/consequence	Possible solution
Front Passeng. Airbag	Deactivated See Oper. Manual	The passenger front air bag is deactivated while driving even though an adult or someone larger than a small individual is occupying the passenger seat. Forces acting on the seat may make the system sense a decrease in weight.	<p>Stop the vehicle in a safe location as soon as possible and check the passenger seat for the following:</p> <ul style="list-style-type: none">▶ Switch off the ignition (▷ page 40).▶ Apply the parking brake (▷ page 55).▶ Have the passenger vacate the seat and exit the vehicle.▶ Keep the seat unoccupied, close the passenger door and switch on the ignition (▷ page 40). <p>Monitor the PASSENGER AIR BAG OFF indicator lamp (▷ page 70) and the multifunction display in the instrument cluster (▷ page 117) for the following:</p> <p>With the seat unoccupied and the ignition switched on,</p> <ul style="list-style-type: none">• the PASSENGER AIR BAG OFF indicator lamp (▷ page 70) should illuminate and remain illuminated, indicating that the OCS (▷ page 67) has deactivated the passenger front air bag and the passenger knee air bag. <p>(Continued on next page)</p>

Practical hints

What to do if ...

Left display	Right display	Possible cause/consequence	Possible solution
			<ul style="list-style-type: none">the message Front Passeng. Airbag Enabled See Oper. Manual or the message Front Passeng. Airbag Disabled See Oper. Manual should not appear in the multifunction display at any time the seat is unoccupied. Wait at least 60 seconds for the system to complete the necessary check cycles and to make sure neither message appears in the multifunction display. <p>If above conditions are met, you can occupy the passenger seat again. Depending on the passenger classification sensed by the OCS (▷ page 67), the PASSENGER AIR BAG OFF indicator lamp will remain illuminated or go out.</p> <p>If above conditions are not met, the system is not working properly. Have the system checked as soon as possible by an authorized Mercedes-Benz Center.</p>

Warning!



If the PASSENGER AIR BAG OFF indicator lamp remains illuminated with an adult occupant on the passenger seat even after performing the above corrective steps, do not have any passenger use the passenger seat until the system has been repaired.

Practical hints

What to do if ...

Left display	Right display	Possible cause/consequence	Possible solution
P	Gear Selector Lever To P	You wish to start the engine and the selector lever is not in park position P .	▶ Move the selector lever to park position P .
Shift To N	To Start		▶ Move the selector lever to neutral position N .
SLR	ACL Mal function Service Required	<ul style="list-style-type: none"> • The locking system is malfunctioning. • The transmission cooling system is malfunctioning. 	▶ Have the system checked at an authorized Mercedes-Benz Center immediately.
SRS	Restraint System Mal function Service Required	There is a malfunction in the supplemental restraint systems. The air bags or Emergency Tensioning Devices (ETDs) could deploy unexpectedly or fail to activate in an accident.	▶ Drive with added caution and have the system checked at an authorized Mercedes-Benz Center immediately.

Warning!



In the event that a malfunction of the SRS is indicated as outlined above, the SRS may not be operational. For your safety, we strongly recommend that you contact an

authorized Mercedes-Benz Center immediately to have the system checked; otherwise the SRS may not be deployed when needed in an accident, which could result in serious or fatal injury, or it might deploy

unexpectedly and unnecessarily which could result in an accident and/or injury to you or to others.

Practical hints

What to do if ...

Left display	Right display	Possible cause/consequence	Possible solution
Tire pressure	displayed after driving for a few minutes	The tire inflation pressure is being checked.	▶ Drive the vehicle for a few minutes.
Tire Pressure Monitor	Inoperative	The TPMS is malfunctioning	▶ Have the TPMS checked by an authorized Mercedes-Benz Center.
Tire Pressure Monitor	Inoperative No Wheel Sensors	There are wheels without appropriate wheel sensors mounted (e.g. winter tires).	▶ Have the TPMS checked by an authorized Mercedes-Benz Center. ▶ Have appropriate wheel sensors installed by an authorized Mercedes-Benz Center.
Tire Pressure Monitor	Wheel Sensor Missing	One or more sensors are defect (e.g. battery is empty). The respective tire is indicated by --- instead of the tire inflation pressure in the multifunction display.	▶ Have the TPMS checked by an authorized Mercedes-Benz Center. ▶ Have appropriate wheel sensors installed by an authorized Mercedes-Benz Center.

Practical hints

What to do if ...

Left display	Right display	Possible cause/consequence	Possible solution
Tire Pressure Monitor	Wheel Sensor Missing	One or more wheels without appropriate wheel sensors mounted (e.g. spare wheel). The respective tire is indicated by --- instead of the tire inflation pressure in the multifunction display.	<ul style="list-style-type: none">▶ Have the TPMS checked by an authorized Mercedes-Benz Center.▶ Have appropriate wheel sensors installed by an authorized Mercedes-Benz Center.
Tire Pressure Monitor	Currently Unavailable	The TPMS is unable to monitor the tire pressure due to a nearby radio interference source.	As soon as the causes for the malfunction are no longer present, the TPMS automatically becomes active again after a few minutes driving.

Warning!



Do not drive with a flat tire. A flat tire affects the ability to steer or brake the vehicle. You may lose control of the vehicle. Continued driving with a flat tire will cause excessive heat build-up and possibly a fire.

Practical hints



What to do if ...

Left display	Right display	Possible cause/consequence	Possible solution
Transmi ssi on	Servi ce Requi red	The provided operating safety of the automatic transmission is reduced.	▶ Drive with added caution and have the system checked at an authorized Mercedes-Benz Center immediately.
Transmi ssi on	Shi ft To N	The transmission is in neutral although the gear selector lever is not.	▶ Move the gear selector lever to neutral position N .

Practical hints


What to do if ...

Symbol messages

Left display	Right display	Possible cause/ consequence	Possible solution
	Airbrake Malfunction	The Airbrake locking mechanism is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center immediately.
	Battery/Alternator Stop Car	The battery is malfunctioning. The electro-hydraulic brake system requires electrical energy and therefore has only limited operation. Considerably greater brake pedal force is required and the pedal travel is longer. The stopping distance is increased. If necessary, apply full pressure to the brake pedal.	▶ Stop the vehicle as soon as it is safe to do so. Adjust driving to be consistent with reduced braking responsiveness. ▶ Do not drive any further. ▶ Call Roadside Assistance. ▶ Contact an authorized Mercedes-Benz Center immediately.


Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
		<p>The battery is no longer charging. Possible causes:</p> <ul style="list-style-type: none"> • alternator malfunctioning • broken poly-V-belt <p>Do not forget that the brake system requires electrical energy and may be operating with restricted capability. Considerably greater brake pedal force is required and the pedal travel is longer. The stopping distance is increased. If necessary, apply full pressure to the brake pedal.</p>	<ul style="list-style-type: none"> ▶ Stop the vehicle immediately in a safe location and check the poly-V-belt. <p>If it is broken:</p> <ul style="list-style-type: none"> ▶ Do not continue to drive. Otherwise, the engine will overheat due to an inoperative water pump which may result in damage to the engine. Contact an authorized Mercedes-Benz Center. <p>If it is in order:</p> <ul style="list-style-type: none"> ▶ Contact an authorized Mercedes-Benz Center immediately. Adjust driving to be consistent with reduced braking responsiveness.
		<p>The starter battery has been charged with a battery charger or jump started.</p>	<ul style="list-style-type: none"> ▶ Contact an authorized Mercedes-Benz Center.
		<p>There is a malfunction in the electronic system.</p>	<ul style="list-style-type: none"> ▶ Have the system checked at an authorized Mercedes-Benz Center immediately.

Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
	Reduced Brake Effect Depress brake pedal fully.	The electro-hydraulic brake system is in emergency operation mode. Considerably greater brake pedal force is required and the pedal travel is longer. The stopping distance is increased. If necessary, apply full pressure to the brake pedal. The maximum speed is limited to 55 mph (90 km/h).	<ul style="list-style-type: none"> ▶ Stop the vehicle in a safe location or as soon as it is safe to do so. ▶ Apply the parking brake (▷ page 55). ▶ Do not drive any further. ▶ Prevent the vehicle from rolling away by blocking the wheels with wheel chocks or other sizeable objects. ▶ Contact an authorized Mercedes-Benz Center. <p>or</p> <ul style="list-style-type: none"> ▶ Call for Roadside Assistance.

Warning!



Driving while this message is displayed can result in an accident. Have your brake system checked immediately.

If the electro-hydraulic brake system enters its emergency operation mode, the driver must apply significantly greater brake pedal pressure and depress the pedal much further than normal to obtain braking effect.

If necessary, apply full pressure to the brake pedal. Brakes are only applied to the front wheels. Stopping distance is increased!



If there is a malfunction in the electro-hydraulic brake system, we recommend that the vehicle be transported with all wheels off the ground using flatbed or appropriate wheel lift/dolly equipment.

A tow bar must be used if circumstances do not permit the use of the recommended towing methods and the vehicle requires towing with all four wheels on the ground.

Towing the vehicle with all four wheels on the ground is only permissible for distances up to 30 miles (50 km) and at a speed not to exceed 30 mph (50 km/h). For more information, see "Towing the vehicle" (▷ page 373).

Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
 (USA only)  (Canada only)	Check Brake Fluid Level	Risk of accident! There is insufficient brake fluid in the reservoir.	<ul style="list-style-type: none">▶ Stop the vehicle in a safe location or as soon as it is safe to do so.▶ Do not drive any further.▶ Contact an authorized Mercedes-Benz Center. Do not add brake fluid! This will not solve the problem.

Warning!




Driving with the message **Check Brake Fluid Level** displayed can result in an accident. Have your brake system checked immediately. Do not add brake fluid before checking the brake system. Overfilling the brake fluid reservoir can result in spilling brake fluid on hot engine parts and the brake fluid catching fire. You can be seriously burned.

! If you find that the brake fluid in the brake fluid reservoir has fallen to the minimum mark or below, have the brake system checked for brake pad thickness and leaks.

Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
BRAKE 	(USA only) (Canada only)	Reduced Brake Effect Service Required Increased Stopping Distance Service Required	The electro-hydraulic brake system is in emergency operation mode. Considerably greater brake pedal force is required and the pedal travel is longer. The stopping distance is increased. If necessary, apply full pressure to the brake pedal.
			<ul style="list-style-type: none"> ▶ Stop the vehicle in a safe location or as soon as it is safe to do so. ▶ Apply the parking brake (▷ page 55). ▶ Do not drive any further. ▶ Prevent the vehicle from rolling away by blocking the wheels with wheel chocks or other sizeable objects. ▶ Contact an authorized Mercedes-Benz Center. or <ul style="list-style-type: none"> ▶ Call for Roadside Assistance.

Warning!



Driving while these messages are displayed can result in an accident. Have your brake system checked immediately.

If the electro-hydraulic brake system enters its emergency operation mode, the driver must apply significantly greater brake pedal pressure and depress the pedal much further than normal to obtain braking effect.

If necessary, apply full pressure to the brake pedal. Brakes are only applied to the front wheels. Stopping distance is increased!



If there is a malfunction in the electro-hydraulic brake system, we recommend that the vehicle be transported with all wheels off the ground using flatbed or appropriate wheel lift/dolly equipment.

A tow bar must be used if circumstances do not permit the use of the recommended towing methods and the vehicle requires towing with all four wheels on the ground.

Towing the vehicle with all four wheels on the ground is only permissible for distances up to 30 miles (50 km) and at a speed not to exceed 30 mph (50 km/h). For more information, see "Towing the vehicle" (▷ page 373).

Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
 (USA only)	Reduced Brake Effect Start Engine	The battery has insufficient voltage and cannot supply sufficient power to the electro-hydraulic brake system.	▶ Start the engine. As soon as the engine is running, the message disappears.
 (Canada only)	Increased Stopping Distance Start Engine	Considerably greater brake pedal force is required and the pedal travel is longer. The stopping distance is increased.	

Warning!





Inhalation of exhaust gas is hazardous to your health. All exhaust gas contains carbon monoxide (CO), and inhaling it can cause unconsciousness and possible death.

Do not run the engine in confined areas (such as a garage) which are not properly ventilated.

Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
 (USA only)  (Canada only)	Brakes Overheated Drive on, but with even greater care	The brake system is overheated due to an excessive load on the brakes.	<ul style="list-style-type: none">▶ Relieve the load on the brake system.▶ Drive more smoothly and think ahead to avoid unnecessary braking.▶ Use the engine's braking power more frequently. Shift into a lower gear (▷ page 174).▶ Cautiously continue driving so that the air stream will cool down the brakes.▶ The message disappears after driving carefully for a few minutes.




Warning!



Overheating of the brake system will shorten the service life of the brake disks. The brake disks could fail. Have the brake disks checked at an authorized Mercedes-Benz Center.

Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
 (USA only)  (Canada only)	Brake Service Required	There are malfunctions, but the electro-hydraulic brake system is operating normally.	▶ Contact an authorized Mercedes-Benz Center immediately.
	Release Parking Brake	You are driving with the parking brake set.	▶ Release the parking brake (▷ page 49).
	Brake Wear	The brake pads have reached their wear limit.	▶ Have the brake pads replaced as soon as possible.

! Brake pad thickness must be visually checked by a qualified technician at the intervals specified in the Maintenance Booklet.

Excessive load on the brake system causes increased wear of brake pads and brake disks. If the brake pads have to be replaced multiple times within one maintenance service interval, the brake disks must be checked. Observe the information given in the Maintenance Booklet and contact an authorized Mercedes-Benz Center.

Warning!





Have brake pad replacement and other work on the electro-hydraulic brake system carried out by qualified technicians only. Contact your Mercedes-Benz Center for further information. The electro-hydraulic brake system must be deactivated prior to working on the system. High pressure is intermittently built up in the system as part of its automatic self-test. In addition, the system is automatically activated when the vehicle

is unlocked by remote control, when the driver or passenger door is opened, when the SmartKey in the starter switch is turned to position 1, when the brake pedal is depressed or when the parking brake is released.

Failure to deactivate the system prior to maintenance will cause brake pistons to extend and brake fluid to leak, which may result in injuries (contusions and acid burns), see “Electro-hydraulic brake system” (▷ page 87).

Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
	Top Up Cool ant See Oper. Manual	The coolant level is too low.	<ul style="list-style-type: none"> ▶ Add coolant (▷ page 255). Comply with all warnings while doing so. ▶ If you have to add coolant frequently, have the cooling system checked by an authorized Mercedes-Benz Center immediately.
		The cooling fan for the coolant is malfunctioning.	<ul style="list-style-type: none"> ▶ Observe the coolant temperature gauge in the instrument cluster (▷ page 29). If the coolant temperature is below 248°F (120°C), you may continue driving to the nearest specialist workshop. ▶ Avoid placing heavy loads on the engine (e.g. by driving uphill) as well as stop-and-go traffic. ▶ Have the fan replaced as soon as possible.

Warning!




Do not spill antifreeze on hot engine parts. Antifreeze contains ethylene glycol which may burn if it comes into contact with hot engine parts. You could be seriously burned.

! Do not ignore the low engine coolant level warning. Extended driving with the message and symbol displayed may cause serious engine damage not covered by the Mercedes-Benz Limited Warranty.

Do not drive without sufficient amount of coolant in the cooling system. The engine will overheat causing major engine damage.

Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
	Coolant Stop car, switch engine off.	The coolant is too hot. Among other possible causes, the poly-V-belt could be broken.	<ul style="list-style-type: none">▶ Stop the vehicle in a safe location or as soon as it is safe to do so.▶ Turn off the engine.▶ Check the poly-V-belt. If it is broken: <ul style="list-style-type: none">▶ Do not continue to drive. Otherwise, the engine will overheat due to an inoperative water pump which may result in damage to the engine. Contact an authorized Mercedes-Benz Center. If it is intact: <ul style="list-style-type: none">▶ Wait for the message to disappear before restarting the engine. Doing otherwise could result in serious engine damage that is not covered by the Mercedes-Benz Limited Warranty. (Continued on next page)

Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
			<ul style="list-style-type: none">▶ Observe the coolant temperature gauge in the instrument cluster (▷ page 29). If the temperature rises again:▶ Contact an authorized Mercedes-Benz Center immediately.

Warning!



Driving when your engine is overheated can cause some fluids which may have leaked into the engine compartment to catch fire. You could be seriously burned.

Steam from an overheated engine can cause serious burns which can occur just by opening the hood. Stay away from the engine if you see or hear steam coming from it.


Stop the vehicle in a safe location away from other traffic. Turn off the engine, get out of the vehicle and do not stand near the vehicle until the engine has cooled down.

During severe operating conditions and stop-and-go city traffic, the coolant temperature may rise close to 248°F (120°C).

! *The engine should not be operated with the coolant temperature above 248°F (120°C). Doing so may cause serious engine damage which is not covered by the Mercedes-Benz Limited Warranty.*

Practical hints



What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
	Differential Overheated	The differential oil is too hot.	<ul style="list-style-type: none">▶ Stop your vehicle immediately in a safe location.▶ Do not drive any further.▶ Apply the parking brake (▷ page 55).▶ Wait until the instrument cluster display has cleared. Otherwise you could damage the rear differential.

! *The differential warning should not be ignored. Extended driving with the symbol displayed could result in serious rear differential damage that is not covered by the Mercedes-Benz Limited Warranty.*

Practical hints




What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
	Service Required	Certain electronic systems are unable to relay information to the control system. The following systems may have failed: <ul style="list-style-type: none"> • Coolant temperature gauge • Tachometer 	▶ Have the electronic systems checked by an authorized Mercedes-Benz Center immediately.
	Fuel System Malfunction Service Required	The fuel cooling system is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center immediately.
	Engine Oil Pressure Service Required	There is no oil in the engine. There is a danger of engine damage.	<ul style="list-style-type: none"> ▶ Stop your vehicle immediately in a safe location. ▶ Switch off the engine. ▶ Do not drive any further. ▶ Contact an authorized Mercedes-Benz Center immediately.

! *The engine oil level warning should not be ignored. Extended driving with the symbol displayed could result in serious engine damage that is not covered by the Mercedes-Benz Limited Warranty.*


Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
	Reserve Fuel	The fuel level has fallen into the reserve range.	▶ Refuel at the next gas station (▷ page 247).
	Fuel Cap Open	A loss of pressure has been detected in the fuel system. The fuel filler cap may not be closed properly or the fuel system may be leaky.	▶ Check the fuel filler cap (▷ page 247). If it is not closed properly: ▶ Close the fuel filler cap. If it is closed properly: ▶ Have the fuel system checked by an authorized Mercedes-Benz Center.
	Tel Enter PIN	You have not yet entered your PIN in your telephone.	▶ Enter the PIN for your SIM card.
	Remove Key	You have forgotten to remove the SmartKey.	▶ Remove the SmartKey from the starter switch.
	Replace Key	No additional code available for the SmartKey.	▶ Have the SmartKey checked. Contact an authorized Mercedes-Benz Center.


Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
	3rd Brake Lamp	The high-mounted brake lamp is malfunctioning.	► Contact an authorized Mercedes-Benz Center as soon as possible.
	Brake Lamp Left Auxiliary Bulb On	The left brake lamp is malfunctioning. This message will only appear if a critical number of LEDs have blown.	► Contact an authorized Mercedes-Benz Center as soon as possible.
	Brake Lamp Right Auxiliary Bulb On	The right brake lamp is malfunctioning. This message will only appear if a critical number of LEDs have blown.	► Contact an authorized Mercedes-Benz Center as soon as possible.
	Front Fog lamp Left	The left front fog lamp is malfunctioning.	► Contact an authorized Mercedes-Benz Center as soon as possible.
	Front Fog lamp Right	The right front fog lamp is malfunctioning.	► Contact an authorized Mercedes-Benz Center as soon as possible.
	Rear Fog lamp Left	The left rear fog lamp is malfunctioning.	► Contact an authorized Mercedes-Benz Center as soon as possible.
	High Beam Left	The left high-beam lamp is malfunctioning.	► Contact an authorized Mercedes-Benz Center as soon as possible.
	High Beam Right	The right high-beam lamp is malfunctioning.	► Contact an authorized Mercedes-Benz Center as soon as possible.


Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
	Turn Signal Left Mirror	The turn signal in the left exterior rear view mirror is malfunctioning. This message will only appear if all LEDs have stopped working.	▶ Have the LEDs replaced as soon as possible.
	Turn Signal Right Mirror	The turn signal in the right exterior rear view mirror is malfunctioning. This message will only appear if all LEDs have stopped working.	▶ Have the LEDs replaced as soon as possible.
	License Plate Lamp - Left	The left license plate lamp is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
	License Plate Lamp - Right	The right license plate lamp is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
	AUTO Light Inoperative	The light sensor is malfunctioning. The headlamps switch on automatically.	▶ Contact an authorized Mercedes-Benz Center immediately. To switch off the headlamps (U.S. vehicles only): ▶ In the control system, set lamp operation to manual mode (▷ page 134). ▶ Switch on headlamps using the exterior lamp switch.


Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
	Low Beam Left	The left low-beam lamp is malfunctioning.	► Contact an authorized Mercedes-Benz Center as soon as possible.
	Low Beam Right	The right low-beam lamp is malfunctioning.	► Contact an authorized Mercedes-Benz Center as soon as possible.
	Marker Lamp Front Left	The front left side marker lamp is malfunctioning.	► Replace the bulb as soon as possible.
	Marker Lamp Front Right	The front right side marker lamp is malfunctioning.	► Replace the bulb as soon as possible.
	Marker Lamp Rear Left	The rear left side marker lamp is malfunctioning.	► Replace the bulb as soon as possible.
	Marker Lamp Rear Right	The rear right side marker lamp is malfunctioning.	► Replace the bulb as soon as possible.
	Parking Lamp Front Left Auxiliary Bulb On	The left front parking lamp is malfunctioning. An auxiliary bulb is being used.	► Contact an authorized Mercedes-Benz Center as soon as possible.
	Parking Lamp Front Right Auxiliary Bulb On	The right front parking lamp is malfunctioning. An auxiliary bulb is being used.	► Contact an authorized Mercedes-Benz Center as soon as possible.


Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
	Reverse Lamp Right	The right backup lamp is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
	Reverse Lamp Left	The left backup lamp is malfunctioning.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
	Tail Lamp Left Auxiliary Bulb On	The left tail lamp is malfunctioning. This message will only appear if a critical number of LEDs have blown.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
	Tail Lamp Right Auxiliary Bulb On	The right tail lamp is malfunctioning. This message will only appear if a critical number of LEDs have blown.	▶ Contact an authorized Mercedes-Benz Center as soon as possible.
	Lights Are Still On	You have removed the SmartKey from the starter switch, opened the driver's door and left the exterior lamps on.	▶ Switch off the headlamps.
	Switch off lights or remove key	The exterior lamp switch is set to AUTO and you have forgotten to take out the SmartKey. The parking lamps remain switched on.	▶ Switch off the headlamps. or ▶ Remove the SmartKey from the starter switch.


Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
	Turn Signal Front Left Auxiliary Bulb On	The left front turn signal lamp is malfunctioning. An auxiliary bulb is being used.	► Contact an authorized Mercedes-Benz Center as soon as possible.
	Turn Signal Front Right Auxiliary Bulb On	The right front turn signal lamp is malfunctioning. An auxiliary bulb is being used.	► Contact an authorized Mercedes-Benz Center as soon as possible.
	Turn Signal Rear Left Auxiliary Bulb On	The left rear turn signal lamp is malfunctioning. An auxiliary bulb is being used.	► Contact an authorized Mercedes-Benz Center as soon as possible.
	Turn Signal Rear Right Auxiliary Bulb On	The right rear turn signal lamp is malfunctioning. An auxiliary bulb is being used.	► Contact an authorized Mercedes-Benz Center as soon as possible.

Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
	Please correct the tire pressure.	The tire inflation pressure is too low in one or more tires.	<ul style="list-style-type: none"> ▶ Check and correct tire inflation pressure as required (▷ page 270).
	Caution Tire Defect	One or more tires are deflating. The respective tire is indicated in the multi-function display.	<ul style="list-style-type: none"> ▶ Carefully bring the vehicle to a halt, avoiding abrupt steering and braking maneuvers. Observe the traffic situation around you. ▶ Temporarily repair tire using TIREFIT (▷ page 365) or contact Roadside Assistance. If tire cannot be temporarily repaired using TIREFIT, contact Roadside Assistance. ▶ Have the damaged wheel repaired or replaced at an authorized Mercedes-Benz Center.
	Check Tires	The tire inflation pressure in one or more tires is already below the minimum value. The respective tire is indicated in the multi-function display.	<ul style="list-style-type: none"> ▶ Carefully bring the vehicle to a halt, avoiding abrupt steering and braking maneuvers. Observe the traffic situation around you. ▶ Check the tires. If no damage visible, check and adjust tire pressure as required. ▶ Temporarily repair tire using TIREFIT (▷ page 365) or contact Roadside Assistance. If tire cannot be temporarily repaired using TIREFIT, contact Roadside Assistance. ▶ Have the damaged wheel repaired or replaced at an authorized Mercedes-Benz Center.

Practical hints

What to do if ...

Warning!



Do not drive with a flat tire. A flat tire affects the ability to steer or brake the vehicle. You may lose control of the vehicle. Continued driving with a flat tire will cause excessive heat build-up and possibly a fire.






Warning!



Have worn or damaged tires replaced in pairs (front pair or rear pair) and make sure the tires rotate in the direction specified (▷ page 262). Otherwise, the driving stability of the vehicle will be adversely affected, especially when driving at high speeds.




Practical hints

What to do if ...

Left display	Right display	Possible cause/ consequence	Possible solution
	Driver Fasten Seat Belt	You have forgotten to fasten your seat belt.	▶ Fasten your seat belt.
	Passenger Fasten Seat Belt	Your passenger has forgotten to fasten seat belt.	▶ Fasten your seat belt.
		You are driving with the hood open.	▶ Stop your vehicle as soon as it is safe to do so. ▶ Close the hood (▷ page 250). Failure to follow these instructions increases the risk of an accident.
		You are attempting to drive with one or more doors open.	▶ Close the doors.
		This message will appear whenever the trunk lid is open.	▶ Close the trunk lid (▷ page 103).
		You are driving with the hood and the trunk lid open.	▶ Stop your vehicle as soon as it is safe to do so. ▶ Close the hood (▷ page 250) and the trunk lid (▷ page 103). Failure to follow these instructions increases the risk of an accident.


Practical hints

What to do if ...

Left display	Right display	Possible cause/consequence	Possible solution
 SOS	Tele Aid Inoperative	One or more main functions of the Tele Aid system are malfunctioning.	▶ Have the Tele Aid system checked at an authorized Mercedes-Benz Center immediately.
	Top Up Washer Fluid	The washer fluid level has dropped to about $\frac{1}{3}$ of total reservoir capacity.	▶ Add washer fluid (▷ page 257).
	Top Operation Only At Standstill	You have tried to open or close the soft top while the vehicle was in motion.	▶ Stop the vehicle in a safe location or as soon as it is safe to do so. Observe the traffic situation around you. ▶ Repeat the opening or closing process (▷ page 198).
	Top Lowering	The soft top is not fully opened or closed. The soft top hydraulics are depressurized.	▶ Repeat the opening or closing process (▷ page 198).
	Top Operation Please Wait See Oper. Manual	The on-board voltage is too low. The soft top has been opened and closed multiple consecutive times. For safety reasons, the soft top drive was switched off automatically.	▶ Start the engine. After approximately 10 minutes you can open or close the soft top again. ▶ Switch off the ignition and switch it back on. ▶ Repeat the opening or closing process (▷ page 198).

Practical hints

What to do if ...

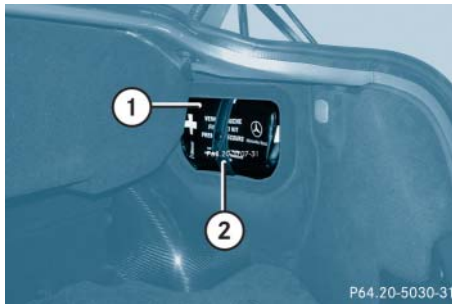
Left display	Right display	Possible cause/consequence	Possible solution
	Top Not Open / Closed Compl etel y	The soft top could not be locked after opening it.	<ul style="list-style-type: none">▶ Stop the vehicle in a safe location or as soon as it is safe to do so. Observe the traffic situation around you.▶ Repeat the opening process (▷ page 198).
		The soft top was not locked after closing it.	<ul style="list-style-type: none">▶ Stop the vehicle in a safe location or as soon as it is safe to do so. Observe the traffic situation around you.▶ Lock the soft top (▷ page 198).

Practical hints

Where will I find ...?

First aid kit

The first aid kit is located on the right-hand side in the trunk.



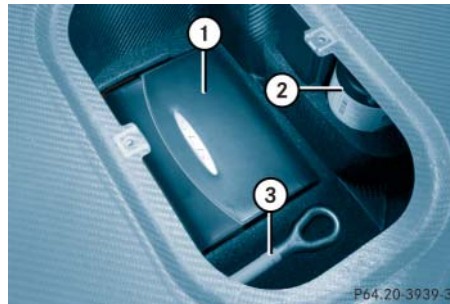
- ① First aid kit
- ② Retaining strap

- ▶ Open the retaining strap ②.
- ▶ Remove the first aid kit ①.

i Check expiration dates and contents for completeness at least once a year and replace missing/expired items.

TIREFIT kit, electric air pump, towing eye bolt and vehicle literature portfolio

The TIREFIT kit, the electric air pump, the vehicle literature portfolio and the towing eye bolt are located on the right-hand side underneath the floor in the trunk.



- ① Vehicle literature portfolio
- ② TIREFIT kit, electrical air pump
- ③ Towing eye bolt

! Your vehicle is equipped with a front towing eye bolt only.

You cannot tow other vehicles with your vehicle.

▼ **Unlocking in an emergency**

Unlocking the vehicle

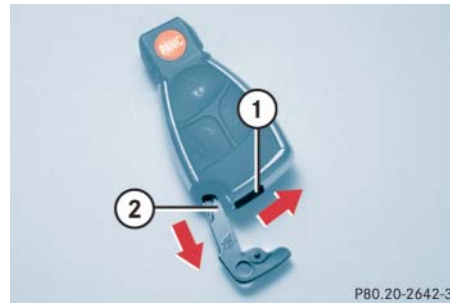
Unlocking the trunk

If you cannot unlock the trunk with the SmartKey, open the trunk with the mechanical key.

i *Unlocking the trunk with the mechanical key will trigger the anti-theft alarm system when the door is opened.*

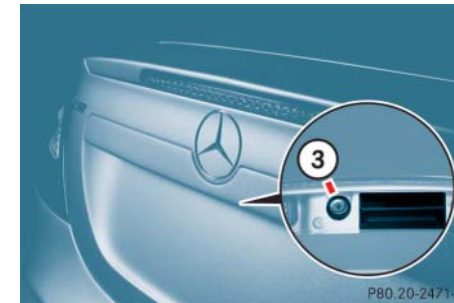
To cancel the alarm, insert the SmartKey in the starter switch.

The handle is located above the rear license plate recess.



- ① Mechanical key locking tab
- ② Mechanical key

- ▶ Press locking tab ① in the direction of arrow and, at the same time, remove mechanical key ② completely out of the housing.



Trunk lid lock

- ③ Unlocking

- ▶ Insert the mechanical key in the trunk lid lock.
- ▶ Perform the following two steps simultaneously:
 - ▶ Turn the mechanical key counterclockwise to the stop, to position ③.
 - ▶ Pull the trunk lid handle and lift the trunk lid.

Practical hints

Unlocking in an emergency

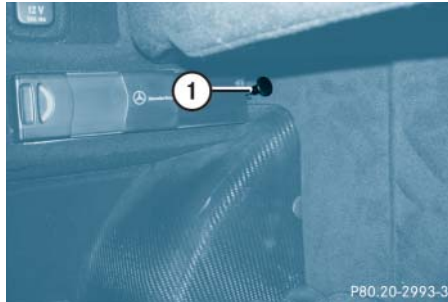
Unlocking the driver's door

If you can no longer lock or unlock the doors using the SmartKey, unlock the driver's door using the emergency release catch.

i *Unlocking the driver's door with the emergency release catch will trigger the anti-theft alarm system.*

To cancel the alarm, insert the SmartKey in the starter switch.

The emergency release catch is located on the left side in the trunk.



① Emergency release catch

▶ Unlock the trunk (▷ page 357).

▶ Pull emergency release catch ①.

The door is unlocked.

i *If it still is not possible to unlock the door, pull more firmly on the emergency release catch.*

▶ Open the door in the normal way.

▶ Contact an authorized Mercedes-Benz Center.

Replacing SmartKey batteries

▼ Replacing SmartKey batteries

If the batteries in the SmartKey are discharged, the vehicle can no longer be locked or unlocked. It is recommended to have the batteries replaced at an authorized Mercedes-Benz Center.

Warning!



Batteries contain poisonous and corrosive substances. Therefore keep the batteries out of reach of children.

If a battery is swallowed, seek medical help immediately.

Warning!



SmartKey batteries contain perchlorate material, which may require special handling and regard for the environment. Check with your local government's disposal guidelines. California residents, see www.dtsc.ca.gov/HazardousWaste/Perchlorate/index.cfm.

Batteries contain materials that can harm the environment if disposed of improperly. Recycling of batteries is the preferred method of disposal. Many states require sellers of batteries to accept old batteries for recycling.

Replacement batteries: Lithium, type CR 2025 or equivalent.

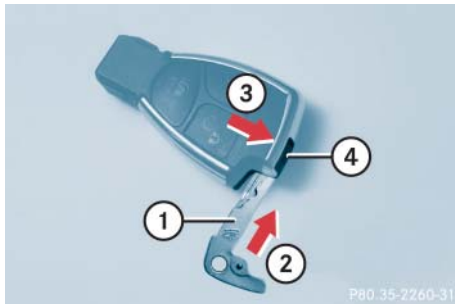
i When inserting the batteries, make sure they are clean and free of lint.

i When replacing batteries, always replace both batteries. The required replacement batteries are available at any Mercedes-Benz Center.

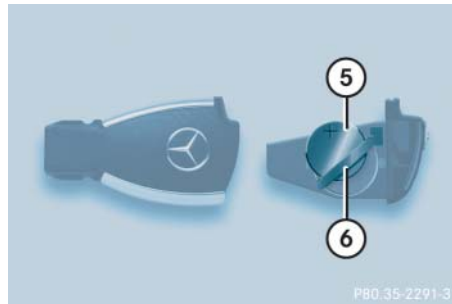
► Remove the mechanical key out of the SmartKey (▷ page 357).

Practical hints

Replacing SmartKey batteries



- ① Mechanical key
 - ② Unlocking the battery compartment
 - ③ Removing the battery compartment
 - ④ Slide
- ▶ Insert mechanical key ① in side opening, push gray slide ④ in direction of arrow ②.
The battery compartment is unlatched.
 - ▶ Pull battery compartment out of the housing in direction of arrow ③.



- ⑤ Battery
 - ⑥ Contact spring
- ▶ Remove the discharged batteries.
 - ▶ Using a lint-free cloth, insert new batteries ⑤ under the contact spring ⑥ with the plus (+) side facing up.
 - ▶ Return battery compartment into housing until it locks into place.

- ▶ Slide mechanical key ① back into the SmartKey.
- ▶ Check the operation of the SmartKey.

▼ Replacing bulbs

Safe vehicle operation depends on proper exterior lighting and signaling. It is therefore essential that all bulbs and lamp assemblies are in good working order at all times.

Correct headlamp adjustment is extremely important. Have headlamps checked and readjusted at regular intervals and when a bulb has been replaced. See an authorized Mercedes-Benz Center for headlamp adjustment.

! *Do not replace the LEDs or bulbs yourself. You could otherwise damage the vehicle lighting system or parts of the vehicle. Only have the LEDs or bulbs replaced by an authorized Mercedes-Benz Center.*

i *If the headlamps are fogged up on the inside as a result of high humidity, driving the vehicle a distance should clear up the fogging.*

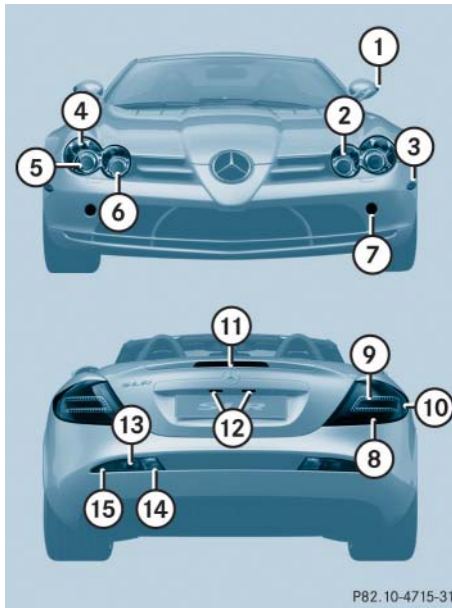
i *Substitute bulbs will be brought into use when lamps malfunction. Observe the messages in the multifunction display (▷ page 346).*

i *If one of the following bulbs blows, another bulb will adopt its function:*

- *Rear turn signals*
- *Brake lamps*
- *Side lamps*
- *Tail lamps*

Practical hints

Replacing bulbs



P82.10-4715-31

Front lamps

	Lamp	Type
①	Additional turn signal	LEDs
②	Turn signal	PY 21 W
③	Side marker lamp	WY 5 W
④	Parking lamp	W 5 W
⑤	Low- and high-beam lamp	D2S, 35 W
⑥	High-beam flasher	H7, 55 W
⑦	Front fog lamp	H3, 55 W

Rear lamps

	Lamp	Type
⑧	Brake/parking lamp	LEDs
⑨	Turn signal lamp	LEDs
⑩	Side marker lamp	P 21 W
⑪	High-mounted brake lamp	LEDs
⑫	License plate lamp	C 5 W
⑬	Rear fog lamp	P 21 W
⑭	Backup lamp	P 21 W
⑮	Reflector	-

▼ Replacing wiper blades

Removing wiper blades

Warning!



For safety reasons, remove SmartKey from starter switch before replacing a wiper blade. Otherwise the motor could suddenly turn on and cause injury.

Warning!



Wiper blades are components that are subject to wear and tear. Change the wiper blades twice a year, preferably in the spring and fall. Otherwise the windows will not be properly wiped. As a result, you may not be able to observe surrounding traffic conditions and could cause an accident.

! *The hood must be opened (▷ page 250) before folding the wiper arms away from the windshield. You could otherwise damage the hood and/or the wiper arm.*

- ▶ Remove the SmartKey from starter switch.
- !** *Do not pull on the wiper blade inserts. They could tear.*
- ▶ Fold the wiper arm forward.
You must feel the wiper arm engage in position.
- ▶ Set the wiper blade at 90° to the wiper arm.



- ▶ Slide the wiper blade out in direction of arrow.

Practical hints

Replacing wiper blades

Installing wiper blades

- ▶ Position the wiper blade at 90° to the wiper arm.
- ▶ Slide the wiper blade onto the wiper arm.
- ▶ Fold the wiper blade parallel to the wiper arm.
- ▶ Fold the wiper arm backward to rest on the windshield. Make sure you hold on to the wiper when folding the wiper arm back.

! *Hold on to the wiper when folding the wiper arm back. If released, the force of the impact from the tensioning spring could crack the windshield.*

Do not allow the wiper arms to contact the windshield glass without a wiper blade inserted.

Make sure the wiper blades are properly installed. Improperly installed wiper blades may cause windshield damage.

For your convenience, we recommend that you have this work carried out by an authorized Mercedes-Benz Center.

▼ **Flat tire**

The vehicle is equipped with the TIREFIT kit.

! *A wheel change should only be carried out at an authorized Mercedes-Benz Center. Otherwise there is a danger of damaging the vehicle by jacking it up incorrectly.*

Preparing the vehicle

- ▶ Park the vehicle in a safe distance from moving traffic on a hard, flat surface when possible.
- ▶ Turn on the hazard warning flashers.
- ▶ Turn the steering wheel so that the front wheels are in a straight ahead position.
- ▶ Set the parking brake.
- ▶ Move the gear selector lever to park position **P**.
- ▶ Turn off the engine (▷ page 56).
- ▶ Remove the SmartKey from the starter switch.

i *Open door only when conditions are safe to do so.*

- ▶ Have any passenger exit the vehicle at a safe distance from the roadway.

Sealing tires with TIREFIT

Small tire punctures, particularly those in the tread, can be sealed with TIREFIT. TIREFIT can be used in ambient temperatures down to -4°F (-20°C).

Warning!



TIREFIT is a limited repair device. TIREFIT cannot be used for cuts or punctures larger than approximately 0.16 in (4 mm) and tire damage caused by driving with extremely low tire inflation pressure, or on a flat tire, or a damaged wheel.

Do not drive the vehicle under such circumstances.

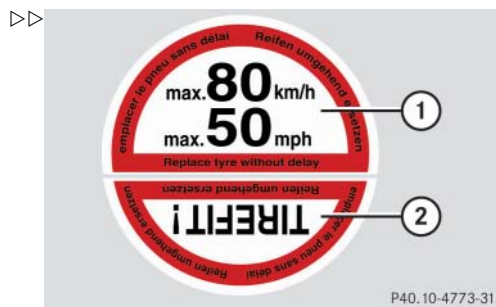
Contact your nearest Mercedes-Benz Center for assistance or call Roadside Assistance.

! *After using TIREFIT, the tire inflation pressure sensor may have to be replaced.*

- ▶ Foreign objects (e.g. screws or nails) should not be removed from the tire.
- ▶ Take TIREFIT, the sticker, and the electric air pump out of the trunk. ▷▷

Practical hints

Flat tire



Two-part sticker

- ① Sticker for instrument cluster
- ② Sticker for wheel
- ▶ Attach sticker part ① where it will be easily seen by the driver on the instrument cluster.
- ▶ Attach sticker part ② to the damaged tire (close to the valve).

Warning!



Take care not to allow the contents of TIREFIT to come in contact with hair, eyes or clothing. TIREFIT is harmful if inhaled, swallowed or absorbed through the skin - causes skin, eye and respiratory irritation.

Any contact with eyes or skin should be flushed immediately with plenty of water.

If clothing comes in contact with TIREFIT, change clothing as soon as possible.

In case of allergic reaction or rash, consult a physician immediately.

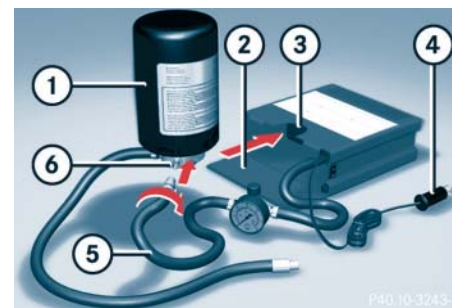
Warning!



Keep TIREFIT out of reach of children.
If swallowed, rinse mouth immediately with plenty of water and drink plenty of water.
Do not induce vomiting!
Consult a physician immediately.
Keep away from open flame or heat source.

i If sealant has leaked out, let it dry. You can then peel it off.

If you get sealant on your clothing, have it dry-cleaned as soon as possible.



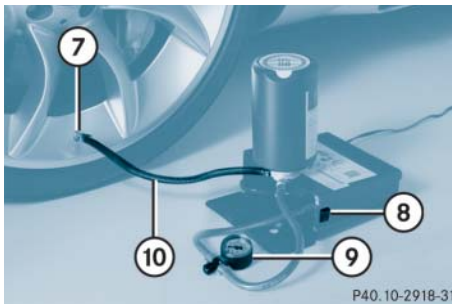
- ① TIREFIT container
- ② Flap
- ③ Notch
- ④ Electrical plug
- ⑤ Air hose
- ⑥ Flange

- ▶ Open flap ② on the electric air pump.
- ▶ Pull plug ④ and air hose ⑤ out of the pump housing.

Practical hints

Flat tire

- ▶ Screw the air pump's air hose ⑤ onto flange ⑥ of the TIREFIT container.
- ▶ Stick TIREFIT container ① upside down into notch ③ of the electric air pump.



- ⑦ Tire valve
- ⑧ Electric air pump switch
- ⑨ Pressure gauge and vent screw
- ⑩ Filler hose

Warning!



Observe safety instructions on air pump label.

- ▶ Unscrew the valve cap from tire valve ⑦.
 - ▶ Screw filler hose ⑩ onto tire valve ⑦.
 - ▶ Close vent screw ⑨ on pressure gauge.
 - ▶ Insert electrical plug ④ into vehicle cigarette lighter socket.
 - ▶ Turn the SmartKey in the starter switch to position 1 (▷ page 40).
 - ▶ Press I on electric air pump switch ⑧.
- The electric air pump should now switch on and inflate the tire.

! Do not operate the electric air pump longer than 8 minutes without interruption. Otherwise it may overheat.

You may operate the air pump again after it has cooled off.

After 5 minutes, the pressure gauge must display at least 26 psi (1.8 bar). The air hose can become hot during inflation. Please exercise appropriate caution.

- ▶ If this tire inflation pressure is not attained, turn off the electric air pump, detach the filler hose from the tire valve, and drive vehicle back and forth very slowly approximately 30 ft (10 m).

This serves to better distribute the TIREFIT sealant material inside the tire.

- ▶ Unscrew the air pump's air hose ⑤ from flange ⑥ of the TIREFIT container.
- ▶ Screw air hose ⑤ onto tire valve ⑦.
- ▶ Inflate the tire again. ▷▷

Practical hints

Flat tire



Warning!




If a tire inflation pressure of 26 psi (1.8 bar) is not attained, the tire is too severely damaged for TIREFIT to provide a reliable tire repair.

In this case, TIREFIT cannot properly seal the tire.

Do not drive the vehicle.

Contact the nearest Mercedes-Benz Center or call Roadside Assistance.

- ▶ After attaining a tire inflation pressure of 26 psi (1.8 bar), press **0** on electric air pump switch .
- The electric air pump should now be switched off.
- ▶ Turn the SmartKey in the starter switch to position **0** (▷ page 40).
- ▶ Detach the electric air pump.
The air hose may still be hot. Please exercise appropriate caution.

- ▶ Store the electrical plug and the air hose behind the flap and place the electrical air pump back in the trunk.

- ▶ Close the trunk lid.
- ▶ Drive off immediately.

The TIREFIT sealant will distribute itself evenly inside the tire.

Warning!



Do not exceed vehicle speed of 50 mph (80 km/h). A TIREFIT repair is not designed to operate at higher speeds.

The sticker must be attached on the instrument cluster where it will be easily seen by the driver.

Vehicle handling characteristics may change. Adapt your driving accordingly.

- ▶ After driving vehicle for an initial 10 minutes, check tire inflation pressure using the pressure gauge on the air pump.

Warning!



If tire inflation pressure has fallen below 20 psi (1.3 bar), do not continue to drive the vehicle.

Park your vehicle safely away from the roadway and contact the nearest authorized Mercedes-Benz Center or Roadside Assistance.

Have the damaged tire replaced.

- ▶ If tire inflation pressure is at least 20 psi (1.3 bar), inflate tire to correct pressure (see placard on driver's door B-pillar) and contact a nearest qualified workshop, e.g. an authorized Mercedes-Benz Center, to have the damaged tire replaced.

Recommended duration of use:
A maximum of 300 miles (500 km) at or below 50 mph (80 km/h) with the recommended tire inflation pressure.

Practical hints

Flat tire

Warning!



Have worn or damaged tires replaced in pairs (front pair or rear pair) and make sure the tires rotate in the direction specified (▷ page 262). Otherwise, the driving stability of the vehicle will be adversely affected, especially when driving at high speeds.

Warning!



Follow recommended tire inflation pressures.

Do not underinflate tires. Underinflated tires wear excessively and/or unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.

Do not overinflate tires. Overinflated tires can adversely affect handling and ride comfort, wear unevenly, increase stopping distance, and result in sudden deflation (blowout) because they are more likely to become punctured or damaged by road debris, potholes etc.

Do not overload the tires by exceeding the specified load limit or vehicle capacity weight as indicated on the placard on the driver's door B-pillar. Overloading the tires can overheat them, possibly causing a blowout.

- ▶ Contact an authorized Mercedes-Benz Center as soon as possible to obtain a new TIREFIT kit.
- ▶ Bring used TIREFIT materials to an authorized Mercedes-Benz Center for proper disposal.

Warning!



Do not exceed vehicle speed of 50 mph (80 km/h). A TIREFIT repair is not designed to operate at higher speeds.

The sticker must be attached on the instrument cluster where it will be easily seen by the driver.

Vehicle handling characteristics may change. Adapt your driving accordingly.

- ▶ Replace your TIREFIT container every 4 years. Replacement containers are available at your authorized Mercedes-Benz Center.

Practical hints

Batteries

Your vehicle is equipped with two batteries:

- The starter battery (located in the trunk)
- The battery for electrical consumers (located in the trunk)

Warning!



Failure to follow these instructions can result in severe injury or death.

Never lean over batteries while connecting, you might get injured.

Observe all safety instructions and precautions when handling automotive batteries (▷ page 256).

Battery fluid contains sulfuric acid. Do not allow this fluid to come in contact with eyes, skin or clothing. In case it does, immediately flush affected area with water and seek medical help if necessary.

A battery will also produce hydrogen gas, which is flammable and explosive. Keep flames or sparks away from battery, avoid improper connection of jumper cables, smoking, etc.

! You must not jump start the vehicle, otherwise the vehicle electrical systems could be damaged.

Only use the battery charge unit tested and approved by Mercedes-Benz for use on the SLR to charge the battery or maintain the battery charge. Using other battery chargers may cause damage to the vehicle and/or personal injury.

Information on charging the batteries (▷ page 371).

Have the batteries checked regularly by an authorized Mercedes-Benz Center. Refer to Maintenance Booklet for maintenance intervals or contact an authorized Mercedes-Benz Center for further information.

If it is necessary to replace the batteries, contact an authorized Mercedes-Benz Center.

Warning!



Do not place metal objects on the battery as this could result in a short circuit.

Use leak-proof batteries only to avoid the risk of acid burns in the event of an accident.

Warning!



The brake system requires electrical power to operate.

A malfunction in the vehicle's power supply or electrical system may impair brake system operation and switch it into its emergency operation mode. The same applies if battery is disconnected. To brake, the driver must then apply significantly greater brake pedal pressure and depress the pedal much further to obtain the expected braking effect. If necessary, apply full pressure to the brake pedal. Brakes are only applied to the front wheels. Stopping distance is increased! Adjust your driving style accordingly. For more information, see "Electro-hydraulic brake system" (> page 87).

Warning!



With a disconnected battery

- you will no longer be able to turn the SmartKey in the starter switch
- the gear selector lever will remain locked in park position **P**

Charging the batteries

Warning!



Never charge a battery while still installed in the vehicle unless the battery charge unit approved by Mercedes-Benz (supplied with your vehicle) is being used. Gases may escape during charging and cause explosions that may result in paint damage, corrosion or personal injury.

A battery charge unit specially adapted for Mercedes-Benz vehicles and tested and approved by Mercedes-Benz is available, permitting the charging of the battery in its installed position. Contact an authorized Mercedes-Benz Center for information and availability. Charge battery in accordance with the separate operating instructions for the battery charger.

You can obtain detailed information on charging the battery from your authorized Mercedes-Benz Center.

Practical hints

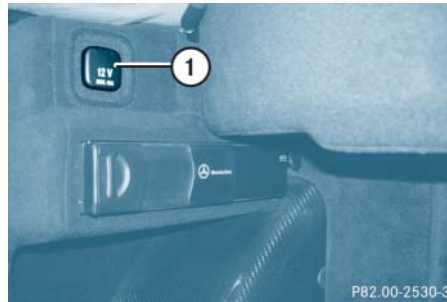
Batteries

Charging with the battery charger

Only use the battery charge unit approved by Mercedes-Benz and supplied with your vehicle. This charger is designed to automatically control the charge rate, and charge the battery or maintain the existing charge in the battery while the vehicle is parked and not being driven for long periods of time (on average approximately 3 weeks or more). Not driving the vehicle for such extended periods may cause the charge in the vehicle battery to drop.

Using the charging point

The charging point for the battery charger is located next to the CD-changer on the left-hand side in the trunk.



① Charging point

- ▶ Remove the SmartKey from the starter switch.

- ▶ Open the cover of the charging point ①.
- ▶ Connect the battery charger with the charging point ①.
- ▶ Observe and follow the separate operating instructions for the battery charger.
- ▶ Charge up the battery.

The battery charger switches off automatically when the battery is sufficiently charged.

▼ Towing the vehicle

Mercedes-Benz recommends that the vehicle be transported with all wheels off the ground using flatbed or appropriate wheel lift/dolly equipment.

! Use flatbed or wheel lift/dolly equipment with SmartKey in starter switch turned to position **0**.

Do not tow with sling-type equipment. Towing with sling-type equipment over bumpy roads will damage radiator and supports.

To prevent damage during transport, do not tie down vehicle by its chassis or suspension parts.

! Do not tow-start the vehicle.

When circumstances do not permit the recommended towing methods, the vehicle may be towed with all wheels on the ground only so far as necessary to have the vehicle moved to a safe location where the recommended towing methods can be employed.

! When towing the vehicle with all wheels on the ground, the gear selector lever must be in neutral position **N** and the SmartKey must be in starter switch position **2**.

When towing the vehicle with all wheels on the ground, the vehicle may be towed only for distances up to 30 miles (50 km) and at a speed not to exceed 30 mph (50 km/h).

! To be certain to avoid a possibility of damage to the transmission, however, we recommend the drive shaft be disconnected at the rear axle drive flange for any towing beyond a short tow to a nearby garage.

Warning!



If circumstances require towing the vehicle with all wheels on the ground, always tow with a tow bar if:

- the engine will not run
- there is a malfunction in the electro-hydraulic brake system
- there is a malfunction in the power supply or in the vehicle's electrical system

This is necessary to adequately control the towed vehicle.

Prior to towing the vehicle with all wheels on the ground, make certain that the SmartKey is in starter switch position **2**.

Practical hints

Towing the vehicle

Warning!



The brake system requires electrical power to operate.

A malfunction in the vehicle's power supply or electrical system may impair brake system operation and switch it into its emergency operation mode. To brake, the driver must then apply significantly greater brake pedal pressure and depress the pedal much further to obtain the expected braking effect. If necessary, apply full pressure to the brake pedal. Brakes are only applied to the front wheels. Stopping distance is increased! Adapt your driving style accordingly. For more information, see "Electro-hydraulic brake system" (▷ page 87).

With the engine not running, there is no power assistance for the brake and steering systems. In this case, it is important to keep in mind that a considerably higher degree of effort is necessary to brake and steer the vehicle. Adapt your driving accordingly.

! *Towing of the vehicle should only be done using the properly installed towing eye bolt. Never attach tow cable, tow rope or tow rod to the vehicle chassis, frame or suspension parts.*

i *To signal turns while being towed with the hazard warning flasher in use, turn SmartKey in starter switch to position **2** and activate the combination switch for the left or right turn signal in the usual manner – only the selected turn signal will operate.*

Upon canceling the turn signal, the hazard warning flasher will operate again.

i *When towing the vehicle with all wheels on the ground, please note the following:*

*With the automatic central locking activated and the SmartKey in starter switch position **2** the vehicle doors lock if the left front wheel as well as the right rear wheel are turning at vehicle speeds of approximately 9 mph (15 km/h) or more.*

To prevent the vehicle door locks from locking, deactivate the automatic central locking (▷ page 139) and switch off the tow-away alarm (▷ page 95).

i *The gear selector lever will remain locked in park position **P** and the SmartKey will not turn in the starter switch if the battery is disconnected or discharged. See notes on the battery (▷ page 370).*

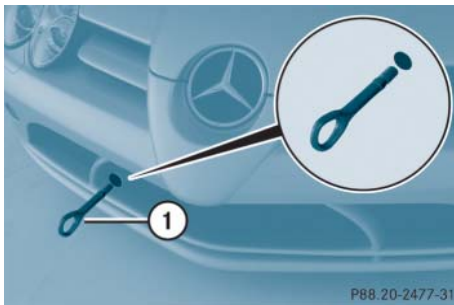
Installing/reinstalling towing eye bolt

! Only secure the tow bar to the towing eye bolt. The vehicle could otherwise be damaged.

- ▶ Take the towing eye bolt ① from its storage compartment (▷ page 356).

! Your vehicle is equipped with a front towing eye bolt only (▷ page 375).

You cannot tow other vehicles with your vehicle.



① Towing eye bolt

- ▶ Remove cover from the access hole.
- ▶ Screw towing eye bolt ① clockwise in to its stop.

- ▶ Remove the towing eye bolt when you no longer need it. To do this, carry out the above steps in reverse order.

Points to bear in mind

- The vehicle must not be tow-started.
- If the vehicle is to be towed, only tow it with all wheels on the ground.
- If the vehicle has suffered transmission damage, only tow it with the propeller shaft disconnected.
- Before towing the vehicle, make sure the battery is connected and charged. Otherwise you will not be able to switch on the ignition and move the selector lever to neutral position **N**. There will then be no power assistance when steering and braking.

Transporting the vehicle

The towing eye bolt can be used to pull the vehicle onto a trailer or transporter for transporting purposes.

- ▶ Switch on the ignition (▷ page 40).
- ▶ Move the selector lever to neutral position **N**.

! Due to the low clearance height of the SLR, care must be taken when loading and unloading from a transporter to avoid damaging the vehicle body work.

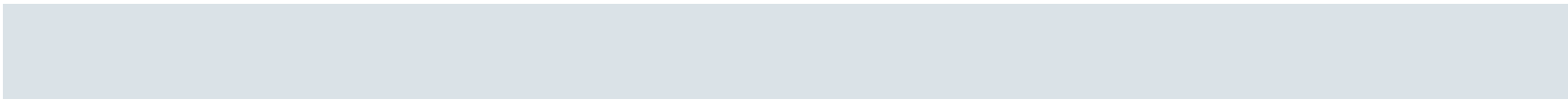
To secure the vehicle, only tie it down by the wheels or tires. Otherwise it could be damaged.

Practical hints

Fuses

! *You must not change the fuses yourself, as you could damage the vehicle electrical systems.*

Have fuses changed at an authorized Mercedes-Benz Center.



Technical data

Parts service

Warranty coverage

Identification labels

Layout of poly-V-belt drive

Engine

Rims and tires

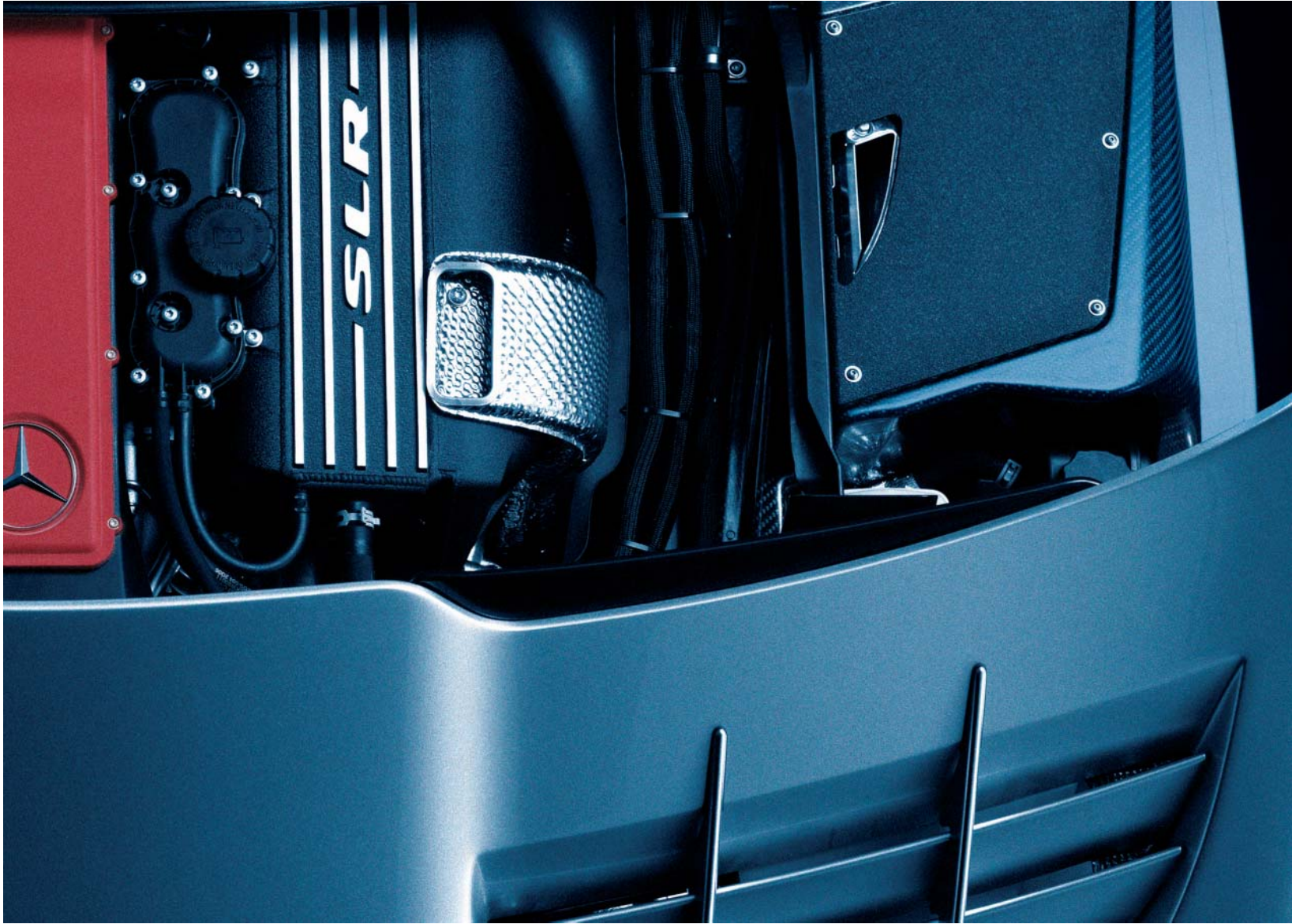
Electrical system

Main dimensions

Weights

Fuels, coolants, lubricants, etc.





Technical data

Parts service

The “Technical data” section provides the necessary technical data for your vehicle.

All authorized Mercedes-Benz Centers maintain a stock of Genuine Mercedes-Benz parts required for maintenance and repair work. In addition, strategically located parts distribution centers provide quick and reliable parts service.

More than 300 000 different parts for Mercedes-Benz models are available.

Genuine Mercedes-Benz parts are subjected to stringent quality inspections. Each part has been specifically developed, manufactured or selected for and adapted to Mercedes-Benz vehicles.

Therefore, Genuine Mercedes-Benz parts should be installed.

! *Do not use non-genuine Mercedes-Benz parts and accessories not authorized by Mercedes-Benz. Doing so could damage the vehicle, which is not covered by the Mercedes-Benz Limited Warranty. Also, it could compromise the vehicle's durability or safety.*

▼ **Warranty coverage**

Your vehicle is covered under the terms of the warranties printed in the Service and Warranty Information booklet. Any authorized Mercedes-Benz Center will exchange or repair any defective parts originally installed in the vehicle in accordance with the terms of the following warranties:

- New Car Limited Warranty
- Emission System Warranty
- Emission Performance Warranty
- California, Maine, Massachusetts and Vermont¹ Emission Control System Warranty

Replacement parts and accessories are covered by the Mercedes-Benz Spare Parts and Accessories warranties, copies of which are available at any Mercedes-Benz Center.

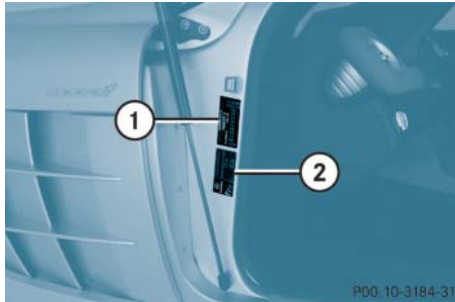
Loss of Service and Warranty Information Booklet

Should you lose your Service and Warranty Information booklet, have an authorized Mercedes-Benz Center arrange for a replacement. It will be mailed to you.

¹ At time of printing, the decision regarding compliance with Vermont certification regulations was still pending. The vehicle may not be permitted to be registered in Vermont. Check with an authorized Mercedes-Benz Center for details.

Technical data

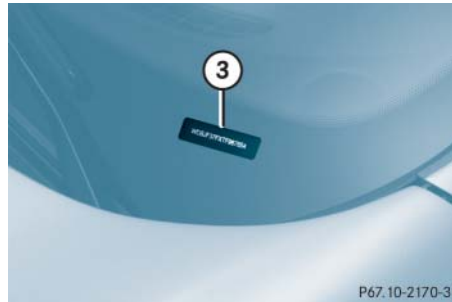
Identification labels



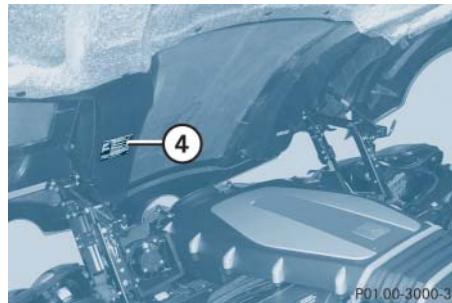
- ① Vehicle certification label with Vehicle Identification Number
- ② Product option code plate with paint number

The vehicle certification plate with the Vehicle Identification Number and the vehicle identification plate (certification plate) with the paint number are located on the A-pillar on the driver's side.

The Vehicle Identification Number is located on the driver's side in the bottom corner of the windshield.



- ③ Vehicle Identification Number



- ④ Emission control information label, includes both federal and California certification exhaust emission standards

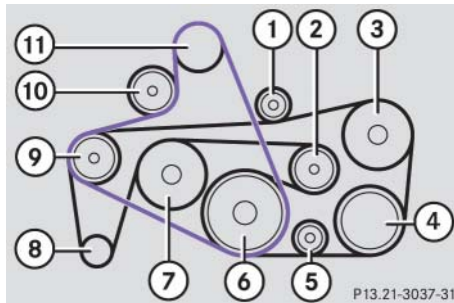
Engine number

The engine number is engraved on the underside of the engine and can only be read after removing the casing on the bottom of the engine.

There is also a plate on the left-hand side of the engine cover.

i When ordering parts, please specify vehicle identification and engine numbers.

▼ Layout of poly-V-belt drive



The SLR has two poly-V-belts (belt one shown in purple/belt two shown in black).

- ① Idler pulley
- ② Automatic belt tensioner
- ③ Power steering pump
- ④ Air conditioning compressor
- ⑤ Idler pulley
- ⑥ Crankshaft
- ⑦ Coolant pump
- ⑧ Generator (alternator)
- ⑨ Idler pulley
- ⑩ Automatic belt tensioner
- ⑪ Supercharger

Technical data

Engine

Model	Mercedes-Benz SLR McLaren Roadster (199.476) ¹	Mercedes-Benz SLR McLaren Roadster 722 S (199.476) ¹
Engine	155	155
Mode of operation	4-stroke engine, gasoline injection	4-stroke engine, gasoline injection
No. of cylinders	8	8
Bore	3.82 in (97.00 mm)	3.82 in (97.00 mm)
Stroke	3.60 in (92.00 mm)	3.60 in (92.00 mm)
Total piston displacement	331.8 cu in (5439 cm ³)	331.8 cu in (5439 cm ³)
Compression ratio	8.8:1	8.8:1
Output acc. to SAE J 1349	617 hp/6500 rpm ² (460 kW/6500 rpm)	641 hp/6500 rpm ² (478 kW/6500 rpm)
Maximum torque acc. to SAE J 1349	575 lb-ft/3250-5000 rpm (780 Nm/3250-5000 rpm)	605 lb-ft/4000 rpm (820 Nm/4000 rpm)
Maximum engine speed	7000 rpm	7000 rpm
Firing order	1-5-4-2-6-3-7-8	1-5-4-2-6-3-7-8
Poly-V-belt	2415 mm/1244 mm	2415 mm/1244 mm

¹ The quoted data apply only to the standard vehicle. See an authorized Mercedes-Benz Center for the corresponding data of all special bodies and special equipment.

² Premium fuel required. Performance may vary with fuel octane rating.

▼ Rims and tires

! For safety reasons, only use tires and rims which have been tested and approved by Mercedes-Benz for use on SLR vehicles. Tires approved by Mercedes-Benz are developed to provide best possible performance in conjunction with the driving safety systems on your vehicle such as ABS or ESP®.

! Using tires and rims other than those approved by Mercedes-Benz can have detrimental effects, such as

- Poor handling characteristics
- Increased noise
- Increased fuel consumption

Moreover, tires and rims not approved by Mercedes-Benz may, under load, exhibit dimensional variations and different tire deformation characteristics that could cause them to come into contact with the vehicle body or axle parts. This may result in damage to the tires or the vehicle.

i Further information on tires and rims is available at any authorized Mercedes-Benz Center. A placard with the recommended tire inflation pressures is located on the driver's door B-pillar. Some vehicles may have supplemental tire pressure information for driving at high speeds (▷ page 269) or for vehicle loads less than the maximum loaded vehicle condition. If such information is provided, it can be found on the placard located on the inside of the fuel filler flap. The tire pressure should be checked regularly and should only be adjusted on cold tires. Follow tire manufacturer's maintenance recommendation included with vehicle.

Technical data

Rims and tires

Mixed size tires

Only Mercedes-Benz SLR McLaren Roadster:

	Turbine-style	10-spoke-style*
Front axle:		
Rims (light alloy)	9 J x 19	9 J x 18
Wheel offset	1.83 in (46.5 mm)	1.77 in (45 mm)
Summer tires (radial-ply tires)	255/35 ZR19 (96Y) XL ¹	245/40 ZR18 (93Y)
Rear axle:		
Rims (light alloy)	11 ¹ / ₂ J x 19	11 ¹ / ₂ J x 18
Wheel offset	1.73 in (44 mm)	1.73 in (44 mm)
Summer tires (radial-ply tires)	295/30 ZR19 (100Y) XL ¹	295/35 ZR18 (99Y) ¹

¹ Must not be used with snow chains.

! Only use Michelin tires of the sizes and types noted above. They are the only tires approved for use on the Mercedes-Benz SLR McLaren Roadster. Use of tires not specially approved for the Mercedes-Benz SLR McLaren Roadster could result in unanticipated performance characteristics. For more information, contact an authorized Mercedes-Benz Center.

Only Mercedes-Benz SLR McLaren Roadster 722 S:

	Multi-spoke rims in forged aluminum
Front axle:	
Rims (light alloy)	9 J x 19
Wheel offset	1.83 in (46.5 mm)
Summer tires (radial-ply tires)	255/35 ZR19 (96Y) XL ¹
Rear axle:	
Rims (light alloy)	11 ¹ / ₂ J x 19
Wheel offset	1.73 in (44 mm)
Summer tires (radial-ply tires)	295/30 ZR19 (100Y) XL ¹

¹ Must not be used with snow chains.





! Only use Michelin tires of the sizes and types noted above. They are the only tires approved for use on the Mercedes-Benz SLR McLaren Roadster 722 S. Use of tires not specially approved for the Mercedes-Benz SLR McLaren Roadster 722 S could result in unanticipated performance characteristics. For more information, contact an authorized Mercedes-Benz Center.

Technical data

Rims and tires



Winter tires*

Only Mercedes-Benz SLR McLaren Roadster:

	Turbine-style	10-spoke-style*
Front axle:		
Rims (light alloy)	9 J x 19	9 J x 18
Wheel offset	1.83 in (46.5 mm)	1.77 in (45 mm)
Summer tires (radial-ply tires)	255/35 R19 (96V) M+S 	245/40 R18 (97V) M+S  XL
Rear axle:		
Rims (light alloy)	9 J x 19	9 J x 18
Wheel offset	1.83 in (46.5 mm)	1.77 in (45 mm)
Summer tires (radial-ply tires)	255/35 R19 (96V) M+S 	245/40 R18 (97V) M+S  XL

! Only use Michelin or Dunlop tires of the sizes and types noted above. They are the only tires approved for use on the SLR. Use of tires not specially approved for the SLR could result in unanticipated performance characteristics. For more information, contact an authorized Mercedes-Benz Center.

Only Mercedes-Benz SLR McLaren Roadster 722 S:

	Turbine-style
Front axle:	
Rims (light alloy)	9 J x 19
Wheel offset	1.83 in (46.5 mm)
Tires (radial-ply tires)	255/35 R19 96V XL M+S 
Rear axle:	
Rims (light alloy)	9 J x 19
Wheel offset	1.83 in (46.5 mm)
Tires (radial-ply tires)	255/35 R19 96V XL M+S 

! Only use Dunlop tires of the sizes and types noted above. They are the only tires approved for use on the Mercedes-Benz SLR McLaren Roadster 722 S. Use of tires not specially approved for the Mercedes-Benz SLR McLaren Roadster 722 S could result in unanticipated performance characteristics. For more information, contact an authorized Mercedes-Benz Center.

Technical data

Electrical system

	Mercedes-Benz SLR McLaren Roadster	Mercedes-Benz SLR McLaren Roadster 722 S
Generator (alternator)	14 V/150 A	14 V/150 A
Starter motor	12 V/1.7 kW	12 V/1.7 kW
Battery	Starter battery	12 V/35 Ah
	Battery for electrical consumers	12 V/70 Ah
Spark plugs	NGK ILFR6A	NGK ILFR6A
Electrode gap	0.031 in (0.8 mm)	0.031 in (0.8 mm)
Tightening torque	18 - 22 lb-ft (25 - 30 Nm)	18 - 22 lb-ft (25 - 30 Nm)

Technical data

Main dimensions

▼ Main dimensions

	Mercedes-Benz SLR McLaren Roadster	Mercedes-Benz SLR McLaren Roadster 722 S
Overall vehicle length	183.3 in (4656 mm)	183.3 in (4656 mm)
Overall vehicle width	75.1 in (1908 mm)	75.1 in (1908 mm)
Overall vehicle width (doors open - widest point)	111.7 in (2838 mm)	111.7 in (2838 mm)
Overall vehicle height	50.4 in (1281 mm)	50.0 in (1271 mm)
Overall vehicle height (doors open - highest point)	80.5 in (2045 mm)	80.1 in (2035 mm)
Overall vehicle height (soft top open - highest point)	63.0 in (1599 mm)	62.6 in (1589 mm)
Wheelbase	106.3 in (2700 mm)	106.3 in (2700 mm)
Track, front	64.5 in (1638 mm)	64.5 in (1638 mm)
Track, rear	61.8 in (1569 mm)	61.8 in (1569 mm)

Technical data

Weights

	Mercedes-Benz SLR McLaren Roadster	Mercedes-Benz SLR McLaren Roadster 722 S
Trunk load max.	165 lb (75 kg)	165 lb (75 kg)

Technical data

Fuels, coolants, lubricants, etc.

▼ Fuels, coolants, lubricants, etc.

Capacities

Vehicle components and their respective lubricants must match. Therefore only use products tested and approved by Mercedes-Benz.

For information on tested and approved products, contact an authorized Mercedes-Benz Center or visit www.mbusa.com (USA only).

Warning!



Comply with all valid regulations with respect to handling, storing and disposing of service fluids. Otherwise you could endanger persons or the environment.

Keep service fluids out of the reach of children.

For health reasons, you should prevent service fluids from coming into direct contact with your skin or clothing.

If a service fluid is swallowed, contact a physician immediately.

	Capacity	Fuels, coolants, lubricants, etc.
Engine with oil filter	9.0 US qt (8.5 l)	Approved engine oils
Automatic transmission	8.5 US qt (8.0 l)	MB Automatic Transmission Fluid
Rear axle	2.3 US qt (2.2 l)	Hypoid gear oil SAE 75 W 85
Power steering	approx. 1.15 US qt (1.1 l)	MB Power Steering Fluid (Pentosin CHF 11S)
Brake system	1.6 US qt (1.5 l)	MB Brake Fluid (DOT 4+)

Technical data

Fuels, coolants, lubricants, etc.

	Capacity	Fuels, coolants, lubricants, etc.
Cooling system	approx. 10.6 US qt (10.0 l)	MB 325.0 Anticorrosion/Antifreeze
Low temperature cooling system		
Mercedes-Benz SLR McLaren Roadster	approx. 5.3 US qt (5.0 l)	MB 325.0 Anticorrosion/Antifreeze
Mercedes-Benz SLR McLaren Roadster 722 S	approx. 6.3 US qt (6.0 l)	MB 325.0 Anticorrosion/Antifreeze
Fuel tank including a reserve of	25.6 US gal (97.0 l) 3.2 US gal (12.0 l)	Premium unleaded gasoline: Minimum Posted Octane 91 (Avg. of 96 RON/86 MON)
Air conditioning system		R134a refrigerant and special PAG lubricant oil (never R12)
Hydraulic system for soft top	0.143 US qt (0.135 l)	ARAL Vitamol ZHM
Windshield washer and headlamp cleaning system	7.4 US qt (7 l)	MB Windshield Washer Concentrate ¹

¹ Use MB Windshield Washer Concentrate "MB SummerFit" and water for temperatures above freezing or MB Windshield Washer Concentrate "MB SummerFit" and commercially available premixed windshield washer solvent/antifreeze for temperatures below freezing. Follow suggested mixing ratios (▷ page 401).

Approved engine oils

Engine oils are specifically tested for their suitability in our engines and durability for our service intervals. Therefore, only use approved engine oils and oil filters required for vehicles with Maintenance System.

Conventional petroleum-based oils must not be used for vehicles with Maintenance System.

For a listing of approved engine oils and oil filters, contact an authorized Mercedes-Benz Center or visit www.mbusa.com (USA only).

Mercedes-Benz recommends MOBIL 1 OIL. Use the MB sheet number 229.3 and only SAE 5W-50 engine oils. MB sheet numbers are printed on the outside of oil containers.

! *Using engine oils and oil filters of specification other than those expressly required for the Maintenance System, or changing of oil and oil filter at change intervals longer than those called for by the Maintenance System will result in engine or emission control system damage not covered by the Mercedes-Benz Limited Warranty.*

Please follow Maintenance System recommendations for scheduled oil changes. Failure to do so will result in engine or emission control system damage not covered by the Mercedes-Benz Limited Warranty.

Engine oil additives

! *Do not blend oil additives with engine oil. They may damage the engine.*

Damage or malfunctions resulting from blending oil additives are not covered by the Mercedes-Benz Limited Warranty.

Technical data

Fuels, coolants, lubricants, etc.

Air conditioning refrigerant

R134a (HFC) refrigerant and special PAG lubricating oil are used in the air conditioning system.

! *Never use R12 (CFC) or mineral-based lubricating oil. Otherwise damage to the system will occur.*

Brake fluid

Warning!



During vehicle operation, the boiling point of the brake fluid is continuously reduced through the absorption of moisture from the atmosphere. Under extremely strenuous operating conditions, this moisture content can lead to the formation of bubbles in the system, thus reducing the system's efficiency.

Therefore, the brake fluid must be replaced regularly. Refer to your vehicle's Maintenance Booklet for replacement interval.

Only brake fluid approved by Mercedes-Benz is recommended. Any authorized Mercedes-Benz Center will provide you with additional information.

Premium unleaded gasoline

Warning!



Gasoline is highly flammable and poisonous. It burns violently and can cause serious personal injury.

Never allow sparks, flame or smoking materials near gasoline!

Turn off the engine before refueling.

Whenever you are around gasoline, avoid inhaling fumes and skin or cloth contact, extinguish all smoking materials.

Direct skin contact with fuels and the inhalation of fuel vapors are damaging to your health.

! To maintain the engine's durability and performance, premium unleaded gasoline must be used. If premium unleaded is not available and low octane fuel is used, follow these precautions:

- Have the fuel tank only partially filled with unleaded regular gasoline and fill up with premium unleaded gasoline as soon as possible.
- Avoid full throttle driving and abrupt acceleration.
- Do not exceed an engine speed of 3000 rpm if the vehicle is loaded with a light load such as two persons and no luggage.
- Do not exceed $\frac{2}{3}$ of maximum accelerator pedal position if the vehicle is fully loaded or operating in mountainous terrain.

Fuel requirements

Only use premium unleaded fuel:

- The octane number (posted at the pump) must be 91 min. It is an average of both the Research Octane Number (RON) and the Motor Octane Number (MON): $(RON+MON)/2$. This is also known as the ANTI-KNOCK INDEX.

Unleaded gasoline containing oxygenates such as ethanol, IPA, IBA and TBA can be used provided the ratio of any one of these oxygenates to gasoline does not exceed 10%; MTBE must not exceed 15%.

The ratio of methanol to gasoline must not exceed 3% plus additional cosolvents.

Using mixtures of ethanol and methanol is not allowed. Gasohol, which contains 10% ethanol and 90% unleaded gasoline, can be used.

These blends must also meet all other fuel requirements, such as resistance to spark knock, boiling range, vapor pressure, etc.

Gasoline additives

A major concern among engine manufacturers is carbon build-up caused by gasoline. Mercedes-Benz recommends only the use of quality gasoline containing additives that prevent the build up of carbon deposits.

After an extended period of using fuels without such additives, carbon deposits can build up especially on the intake valves and in the combustion area, leading to engine performance problems such as:

- Warm-up hesitation
- Unstable idle
- Knocking/pinging
- Misfire
- Power loss

Technical data

Fuels, coolants, lubricants, etc.

In areas where carbon deposits may be encountered due to lack of availability of gasolines which contain these additives, Mercedes-Benz recommends the use of additives approved by us for use on Mercedes-Benz vehicles. Contact an authorized Mercedes-Benz Center or visit www.mbusa.com (USA only) for a listing of approved product(s). Follow directions on product label.

Do not blend other fuel additives with fuel. This only results in unnecessary cost and may be harmful to engine operation.

! *Damage or malfunction resulting from poor fuel quality or from blending additional fuel additives other than those tested and approved by us for use on Mercedes-Benz vehicles are not covered by the Mercedes-Benz Limited Warranty or by any pre-owned or Extended Limited warranties.*

Coolants

The engine coolant is a mixture of water and anticorrosion/antifreeze, which provides:

- corrosion protection
- freeze protection
- boiling protection (by increasing the boiling point)

The cooling system was filled at the factory with a coolant providing freeze protection to approximately -35°F (-37°C) and corrosion protection.

! *Add premixed coolant solution only. Adding water and MB 325.0 Anticorrosion/Antifreeze separately from each other, could cause engine damage not covered by the Mercedes-Benz Limited Warranty.*

If the antifreeze mixture is effective to -35°F (-37°C), the boiling point of the coolant in the pressurized cooling system is reached at approximately 266°F (130°C).

The coolant solution must be used year round to provide the necessary corrosion protection and increase in the boil-over protection. Refer to Maintenance Booklet for replacement interval.

Coolant system design and coolant used determine the replacement interval. The replacement interval published in the Maintenance Booklet is only applicable if MB 325.0 Anticorrosion/Antifreeze solution or other Mercedes-Benz approved products of equal specification are used to renew the coolant concentration or bring it back up to the proper level.

For information on other Mercedes-Benz approved products of equal specification, contact an authorized Mercedes-Benz Center or visit www.mbusa.com (USA only).

Technical data

Fuels, coolants, lubricants, etc.

To provide important corrosion protection, the solution must be at least 50% anticorrosion/antifreeze (equivalent to freeze protection to approximately -35°F [-37°C]). If you use a solution that is more than 55% anticorrosion/antifreeze (freeze protection to approximately -49°F [-45°C]), the engine temperature will increase due to the lower heat transfer capability of the solution. Therefore, do not use more than this amount of anticorrosion/antifreeze.

If the coolant level is low, water and MB 325.0 Anticorrosion/Antifreeze should be used to bring it up to the proper level (have cooling system checked for signs of leakage). Please make sure the mixture is in accordance with label instructions.

The water in the cooling system must meet minimum requirements, which are usually satisfied by normal drinking water. If you are not sure about the water quality, consult an authorized Mercedes-Benz Center.

Technical data

Fuels, coolants, lubricants, etc.

Anticorrosion/antifreeze

Your vehicle contains a number of aluminum parts. The use of aluminum components in motor vehicle engines necessitates that anticorrosion/antifreeze coolant used in such engines be specifically formulated to protect the aluminum

parts. Failure to use such anticorrosion/antifreeze coolant will result in a significantly shortened service life.

Therefore, the following product is strongly recommended for use in your vehicle:
MB 325.0 Anticorrosion/Antifreeze agent.

Before the start of the winter season (or once a year in hot southern regions), you should have the anticorrosion/antifreeze concentration checked. The coolant is also regularly checked each time you bring your vehicle to an authorized Mercedes-Benz Center for service.

Anticorrosion/antifreeze quantity

	Approximate freeze protection	
	-35°F (-37°C)	-49°F (-45°C)
Main cooling system	5.2 US qt (5.0 l)	5.8 US qt (5.5 l)
Low temperature cooling system		
Mercedes-Benz SLR McLaren Roadster	2.6 US qt (2.5 l)	2.9 US qt (2.75 l)
Mercedes-Benz SLR McLaren Roadster 722 S	3.2 US qt (3.0 l)	3.5 US qt (3.3 l)

Windshield washer system and headlamp cleaning system

Both the windshield washer system and headlamp cleaning system are supplied from the windshield washer reservoir.

The windshield washer reservoir has a capacity of approximately 7.4 US qt (7 l).

- ▶ Refill the reservoir with MB Windshield Washer Concentrate and water (or concentrate and commercially available premixed windshield washer solvent/antifreeze, depending on ambient temperatures).

Warning!

Washer solvent/antifreeze is highly flammable. Do not spill washer solvent/antifreeze on hot engine parts because it may ignite and burn. You could be seriously burned.

Windshield and headlamp washer fluid mixing ratio

For temperatures above freezing point, use MB Windshield Washer Concentrate “MB SummerFit” and water:

- 1 part “MB SummerFit” to 100 parts water
(1.34 fl oz [40 ml] “MB SummerFit” to 1 gal [4.0 l] water)

For temperatures below freezing point, use MB Windshield Washer Concentrate “MB SummerFit” and commercially available premixed windshield washer solvent/antifreeze:

- 1 part “MB SummerFit” to 100 parts solvent
(1.34 fl oz [40 ml] “MB SummerFit” to 1 gal [4.0 l] solvent)

Technical terms

ABS

(Anti-lock Braking System)
Prevents the wheels from locking up during braking so that the vehicle can continue to be steered.

Accessory weight

(▷ page 286)

ACL

(Airbrake/Central Locking)
Controls the locking mechanism of the Airbrake and the central locking system.

Air pressure

(▷ page 286)

Aspect ratio

(▷ page 286)

Bar

(▷ page 286)

BAS

(Brake Assist System)
System for potentially reducing braking distances in emergency braking situations. The system is activated when it senses an emergency based on how fast the brake is applied.

Bead

(▷ page 286)

Bi-Xenon headlamps

Headlamps which use an electric arc as the light source and produce a more intense light than filament headlamps. Bi-Xenon headlamps produce low beam and high beam.

CAC

(Customer Assistance Center)
Mercedes-Benz customer service center, which can help you with any questions about your vehicle and provide assistance in the event of a breakdown.

CAN system

(Controller Area Network)
Data bus network serving to control vehicle functions such as door locking or windshield wiping depending on vehicle settings and/or ambient conditions.

Cockpit

All instruments, switches, buttons and indicator/warning lamps in the passenger compartment needed for vehicle operation and monitoring.

Cold tire inflation pressure

(▷ page 286)

Control system

The control system is used to call up vehicle information and to change component settings. Information and messages appear in the multifunction display. The driver uses the buttons on the multifunction steering wheel to navigate through the system and to adjust settings.

Technical terms

Cruise control

Driving convenience system for automatically maintaining the vehicle speed set by the driver.

Curb weight

(▷ page 286)

DOT

(Department of Transportation)
(▷ page 287)

Engine number

The number set by the manufacturer and placed on the cylinder block to uniquely identify each engine produced.

Engine oil viscosity

Measure of the internal oil friction (viscosity) at different temperatures. The higher the temperature the oil can tolerate without thinning too much, or the lower the temperature it can tolerate without thickening too much, the better the viscosity characteristics of the oil.

ESP®

(Electronic Stability Program)
Improves vehicle handling and directional stability.

ETD

(Emergency Tensioning Device)
Device which deploys in certain frontal and rear collisions exceeding the system's threshold to tighten the seat belts.
->SRS

GAWR

(Gross Axle Weight Rating)
(▷ page 287)

Gear range

Number of gears which are available to the automatic transmission for shifting. The automatic gear shifting process can be adapted to specific operating conditions using the gear selector lever or the steering wheel gearshift control buttons.

GPS

(Global Positioning System)
Satellite-based system for relaying geographic location information to and from vehicles equipped with special receivers. Employs CD digital maps for navigation.

GVW

(Gross Vehicle Weight)
(▷ page 287)

GVWR

(Gross Vehicle Weight Rating)
(▷ page 287)

Head-thorax air bag

Installed in the doors, these air bags protect occupants during side impact collisions exceeding a preset threshold. Unlike normal side air bags, head-thorax air bags are also designed to provide protection for the head area.

Instrument cluster

The displays and indicator/warning lamps in the driver's field of vision, including the tachometer, speedometer, engine temperature and fuel gauge.

Kickdown

Depressing the accelerator past the point of resistance shifts the transmission down to the lowest possible. This very quickly accelerates the vehicle and should not be used for normal acceleration needs.

Kilopascal (kPa)

(▷ page 287)

Maximum load rating

(▷ page 287)

Maximum loaded vehicle weight

(▷ page 287)

Maximum tire inflation pressure

(▷ page 287)

MON

(Motor Octane Number)

The Motor Octane Number for gasoline as determined by a standardized method. It is an indication of a gasoline's ability to resist undesired detonation (knocking). The average of both the MON (Motor Octane Number) and RON (Research Octane Number) is posted at the pump, also known as ANTI-KNOCK INDEX.

Multifunction display

Two display fields in the instrument cluster used to present information provided by the control system.

Multifunction steering wheel

Steering wheel with buttons for operating the control system.

Normal occupant weight

(▷ page 287)

OCS

(Occupant Classification System)

The system automatically turns the front passenger front air bag on or off based on the classified occupant size category determined by weight sensor readings from the seat.

Overspeed range

Engine speeds within the red marking on the tachometer dial. Avoid this engine speed range, as it may result in serious engine damage that is not covered by the Mercedes-Benz Limited Warranty.

Poly-V-belt drive

Drives engine-components (alternator, AC compressor, etc.) from the engine.

Technical terms

Power train

Collective term designating all components used to generate and transmit motive power to the drive axles, including

- engine
- clutch/torque converter
- transmission
- transfer case
- drive shaft
- differential
- axle shafts/axles

Production options weight

(▷ page 287)

Program mode selector switch

Used to switch the automatic transmission between sport operation (**S**), comfort operation (**C**) and manual operation (**MAN**).

PSI

(Pounds per square inch)
(▷ page 288)

Recommended tire inflation pressure

(▷ page 288)

REST

(Residual Engine Heat Utilization)
Feature that uses the engine heat stored in the coolant to heat the vehicle interior for a short time after the engine has been turned off.

Rim

(▷ page 288)

RON

(Research Octane Number)
The Research Octane Number for gasoline as determined by a standardized method. It is an indication of a gasoline's ability to resist undesired detonation (knocking). The average of both the MON (Motor Octane Number) and RON (Research Octane Number) is posted at the pump, also known as ANTI-KNOCK INDEX.

Electro-hydraulic brake system

Electronically controlled hydraulic braking system for increased braking safety and comfort.

Shift lock

When the vehicle is parked, this lock prevents the gear selector lever from being inadvertently moved out of park position **P** without SmartKey turned and brake pedal depressed.

Sidewall

(▷ page 288)

SRS

(Supplemental Restraint System)
Seat belts, Emergency Tensioning Device (ETD) and air bags. Though independent systems, they are closely interfaced to provide effective occupant protection.

Tele Aid

(Telematic Alarm Identification on Demand)

The Tele Aid system consists of three types of response: automatic and manual emergency, Roadside Assistance and Information. Tele Aid is

initially activated by completing a subscriber agreement and placing an acquaintance call.

The Tele Aid system is operational provided that the vehicle's battery is charged, properly connected, not damaged and cellular and GPS coverage is available.

Tightening torque

Force times lever arm (e.g. a lug wrench) with which threaded fasteners such as wheel bolts are tightened.

TIN

(Tire Identification Number)
(▷ page 288)

Tire load rating

(▷ page 288)

Tire ply composition and material used

(▷ page 288)

Tire speed rating

(▷ page 288)

TIREFIT kit

Accessory for emergency and temporary tire repair. The TIREFIT kit consists of a container with sealant material, a filler hose and an air compressor.

Traction

(▷ page 288)

Tread

(▷ page 288)

Treadwear indicators

(▷ page 288)

Uniform Tire Quality Grading Standards

(▷ page 289)

Vehicle capacity weight

(▷ page 288)

Vehicle maximum load on the tire

(▷ page 289)

VIN

(Vehicle Identification Number)

The number set by the manufacturer and placed on the body to uniquely identify each vehicle produced.

| Index

A

- ABS 82, 403
 - Indicator lamp 29, 306
 - Messages in the multifunction display 321, 322
- ABS/ESP®
 - Warning lamp 29, 304
- Accelerator position, automatic transmission 173
- Accessory weight 286
- Accident 54
- ACL 403
 - Messages in the multifunction display 328
- Additional turn signals, Exterior mirror 362
- Air bags 62
 - Children 63
 - Front, Driver 65
 - Front, Passenger 66
 - Head-thorax 65, 67
 - Knee 66
 - Occupant Classification System (OCS) 67
 - Passenger front air bag off indicator lamp 70
- Safety guidelines 64
- Air conditioning system see Automatic climate control
- Air distribution 189, 190
- Air pressure 286
- Air pressure see Tire inflation pressure
- Air recirculation mode 193
- Air vents 185
- Air volume 189, 191
- Airbrake 31, 90
 - Automatic mode 92
 - Emergency braking 92
 - Manual mode 91
 - Message in the multifunction display 332
 - Test Mode 91
 - Warning lamp 29, 311
- Alarm system see Anti-theft systems
- Anticorrosion/antifreeze 394, 400
- Antiglare, Interior rear view mirror 181
- Antilock Brake System see ABS
- Anti-theft systems
 - Anti-theft alarm system 93
 - Immobilizer 93
 - Tow-away alarm 95
- Anti-theft wheel nuts 290
- Aquaplaning see Hydroplaning
- Armrest 209
- Ashtray 210
- Aspect ratio 286
- AUDIO menu 127
- Audio system 31, 145
 - Button and soft key operation 148
 - Cassette operation 154
 - CD operation 158
 - Location 145
 - Operating and display elements 146
 - Operating safety 145
 - Operation 148
 - Radio operation 151
 - Switching on/off 148
 - Telephone operation 162, 213

Index

Auto-dimming, Interior rear view mirror 181
Automatic car wash 298
Automatic central locking, Control system 104, 139
Automatic climate control 184
 Adjusting air volume 191
 Air conditioning refrigerant 396
 Air conditioning, Cooling 194
 Air distribution 189, 190
 Air recirculation mode 193
 Air vents 185
 Air volume 189
 Control panel 186
 Deactivating system 188
 Defrosting 183, 192
 MAX COOL 191
 Residual heat utilization 195
 Side air vents 185
 Temperature 189
 Temperature sensor 33
Automatic headlamp mode 107

Automatic lighting control, Interior lighting 112
Automatic transmission 169
 Accelerator position 173
 Damage 375
 Driving tips 173
 Emergency operation (Limp-Home Mode) 180
 Gear ranges 174
 Gear selector lever 32, 169
 Gear selector lever control one-touch gearshifting 175
 Gear selector lever position 171
 Gear shifting malfunctions 180
 Kickdown 173
 Manual shift program 178
 Shift program mode selector switch 175
 Shifting procedure 170
 Starting the engine 47
 Steering wheel gearshift control one-touch gearshifting 177
 Towing 375
 Transmission fluid level 254
Automatic transmission fluid 254

B
Backup lamp 362
 Messages in the multifunction display 349
Bar 286
BAS 84, 403
Batteries, SmartKey
 Checking battery condition 100
 Replacing 359
Batteries, Vehicle 256
 Charging 371
 Consumer battery 370
 Jump starting 370
 Maintenance 370
 Messages in the multifunction display 332
 Starter battery 256
Batteries, vehicle
 Consumer battery 256
Battery charger 372
Bead 286
Bi-Xenon headlamps 403

Bluetooth® interface 213
 Storage location 210
 Body surface 297
 Brake
 Electro-hydraulic brake system 87
 Brake Assist System see BAS
 Brake disks
 Wear 239
 Brake fluid 393, 396
 Checking 249
 Messages in the multifunction
 display 335
 Brake lamps 362
 High-mounted brake lamp 362
 Messages in the multifunction
 display 346
 Brake pads
 Messages in the multifunction
 display 339
 Wear 239
 Brakes 236
 Excessive loads 239
 Warning lamp 29, 307

Break-in period 234
 Bulbs
 Messages in the multifunction
 display 346
 Replacing 361
C
 CAC 403
 California retail buyers and lessees, important notice for 15
 Call priority, Tele Aid 220
 CAN system 403
 Capacities and recommended
 fuel/lubricants 393
 Cargo area see Trunk
 Cassette player 154
 Catalytic converter 245
 CD changer 158
 Location 159
 CD player 127
 Center console
 Lower part 32
 Upper part 31
 Central locking

 Automatic 104, 139
 Central locking switch 31
 Locking/unlocking from inside 105
 Central locking switch 105
 Child restraints 60
 Children in the vehicle 76
 Air bags 63
 Indicator lamp, passenger front air
 bag 70
 Infant and child restraint systems 60,
 70, 79
 Occupant Classification System
 (OCS) 67
 Passenger front air bag off indicator
 lamp 70, 317
 Cigarette lighter 210
 Cleaning
 Soft top 300
 Clock 29, 133
 Setting time 134
 Closed circuit racing
 Brakes 239
 Cockpit 26, 403
 Cold tire inflation pressure 286

Index

Combination switch 27, 51, 110
Control and operation of radio transmitters 244
Control system 117, 403
 Multifunction display 117
 Multifunction steering wheel 118
Control system menus 120
 722 S menu 123
 AUDIO menu 127
 Settings menu 129
 Standard display menu 122
 TEL menu 141
 Trip computer menu 139
 Vehicle status message memory menu 128
Control system submenus 121, 130
 Instrument cluster 132
 Lighting 134
 Time 133
 Vehicle 138
Controller Area Network see CAN
Coolant 249, 255, 398

Anticorrosion/antifreeze mixing ratio and quantity 400
Capacities 394
Checking coolant level 249, 255
Messages in the multifunction display 340
Temperature 246
Temperature gauge 115
Warning lamp 29, 310
Courtesy lighting 113
Cruise control 27, 205, 404
 Messages in the multifunction display 322
Curb weight 286
Customer Assistance Center see CAC
D
Daytime running lamp mode 108
 Setting 135
Deep water see Standing water
Defogging, Windshield 192
Defrosting, Front 192
Defrosting, Rear 183
Delayed switch-off

Exterior lamps 136
Interior lighting 137
Department of Transportation see DOT
Differential
 Message in the multifunction display 343
Difficulties
 While driving 54
 With starting 49
Digital clock see Clock
Digital speedometer 122
Dimensions, Vehicle 391
Direction of rotation, Tires 262
Display elements, Audio system 146
Displays
 Digital speedometer 122
 Maintenance service indicator 294
 Multifunction display 117
 Outside temperature 116, 122
 Symbol messages 332
 Text messages 321

Vehicle status messages 128, 319
 Distance to empty 140
 Distance to empty (range), Trip
 computer 140
 Door
 Control panel 34
 Entry lamps 112
 Handle, Inside 34
 Handle, Outside 39
 Locking/unlocking, SmartKey 39, 98
 Message in the multifunction
 display 353
 Opening from inside/outside 39,
 101
 Remote door unlock, Tele Aid 220
 Unlocking in an emergency 358
 Door windows see Power windows
 DOT 287
 Drinking and driving 235
 Driving 45, 50
 Abroad 244
 Hints, Electro-hydraulic brake
 system 89
 Hydroplaning 241

In winter 242
 Instructions 45, 235
 Problems 54
 Safety systems 82
 Systems 205
 Through standing water 243
 Tips, Automatic transmission 173
 Driving safety systems 82
 ABS 82
 BAS 84
 Electro-hydraulic brake system 87
 Electronic traction system 86
 ESP® 84
 Driving systems
 Cruise control 205
 Dust cover 229

E

Electric air pump 356
 Electrical fuses 376
 Electrical outlet see Power outlet

Electrical system, Technical data 390
 Electro-hydraulic brake system 82, 87,
 406
 Activation 88
 Deactivation 89
 Driving hints 89
 Emergency operating mode 88
 Messages in the multifunction
 display 334
 Self-check 89, 339
 Warning lamp 87
 Electronic Stability Program see ESP®
 Emergency calls
 911 166
 Tele Aid 216
 Emergency operations
 Automatic transmission (Limp-Home
 Mode) 180
 Remote door unlock, Tele Aid 220
 Trunk lid, Releasing from inside 104
 Unlocking the vehicle 357
 Emergency Tensioning Device see ETD
 Emergency, In case of

Index

First aid kit 356
Flat tire 365
Hazard warning flasher 111
Instrument cluster, Indicator lamps 304
Roadside Assistance 16, 218
Towing the vehicle 373
Emission control 245
Information label 382
System warranties 14
Engine
Break-in recommendations 234
Cleaning 299
Compartment 250
Malfunction indicator lamp 29, 308
Number 382, 404
Poly-V-belt layout 383
Starting 47
Tachometer 29
Technical data 384
Turning off 56

Engine coolant see Coolant
Engine oil 253, 395
Adding 254, 393
Additives 253, 395
Checking level 253
Consumption 253
Filler neck 253
Message in the multifunction display 344
Recommended engine oils and oil filter 395
Temperature 29
Oil temperature indicator 311
Viscosity 404
ESP® 82, 84, 404
Messages in the multifunction display 323
Resetting 323
Warning lamp 84, 304
ETD 75, 404
Safety guidelines 64
Exterior lamp switch 51, 106
Exterior rear view mirrors 44

F
Filler neck, Engine oil 253
First aid kit 356
Flat tire 365
Preparing the vehicle 365
TIREFIT kit 365
Floor mats* 227
Floor mats* (Only Mercedes-Benz SLR McLaren 722 S) 228
Fluids
Automatic transmission fluid 254, 393
Brake fluid 249, 393, 396
Capacities 393
Engine coolant 255, 394, 398
Engine oil 253, 393, 395
Power steering fluid 393
Windshield washer and headlamp cleaning system 257, 394
Fog lamps 109, 362
Message in the multifunction display 346
Front air bags 65
Front lamps see Headlamps

Fuel 247
 Additives 397
 Capacity, Fuel tank 394
 Consumption statistics 139, 140
 Filler flap 247
 Filling the tank 247
 Fuel reserve warning lamp 29, 311
 Gauge 29
 Premium unleaded gasoline 247, 396
 Requirements, Octane rating 394, 397
 Fuel filler cap
 Messages in the multifunction display 309, 345
 Fuel filler flap
 Locking/unlocking 247
 Fuel reserve
 Message in the multifunction display 345
 Fuel reserve warning lamp 29
 Fuel system
 Message in the multifunction display 344
 Fuel tank

Capacity 394
 Filler flap 247
 Fuels, coolants, lubricants etc. 393
 Fuses 376
G
 Garage door opener 221
 Gasoline see Fuel
 GAWR 287
 Gear range
 Automatic transmission 174
 Canceling limit 176
 Limiting 174
 Shifting into optimal 176, 178
 Gear selector lever 32, 169
 Gearshift pattern 169
 Lock 48, 50, 169, 406
 Position 170, 171
 Position indicator 170
 Shifting procedure 170
 Gear selector lever one-touch gearshifting

Automatic transmission 175
 Gearshift
 Indicator lamp 29
 Program, Manual 175, 178
 Global locking/unlocking see Key
 Good visibility 181
 GPS 404
 Gross Axle Weight Rating see GAWR
 Gross Vehicle Weight Rating see GVWR
 Gross Vehicle Weight see GVW
 GVW 287
 GVWR 287
H
 Hands-free microphone 33
 Hazard warning flasher 111
 Headlamp switch-off delay see Delayed switch-off, exterior lamps
 Headlamps
 Automatic headlamp mode 107
 Cleaning lenses 300
 Cleaning system 181, 257, 401

Index

Low beam 107
Messages in the multifunction display 346
Replacing bulbs 361
Switch 51, 106
Head-thorax air bag 67, 404
High performance driving 239
High-beam flasher 51, 110
 Replacing bulbs 361
High-beam headlamps
 Indicator lamp 29
 Messages in the multifunction display 346
 Replacing bulbs 361
 Switching on 110
High-mounted brake lamp 362
High-pressure cleaners 299
Hood 250
 Messages in the multifunction display 353
Horn 27
HVAC see Automatic climate control
Hydroplaning 241

I
Identification labels 382
Identification Number, Vehicle (VIN) 382
Ignition 40
Immobilizer 93
Indicator lamps see Lamps, Indicator and warning
Infant and child restraint systems see Children in the vehicle
Inflation pressure see Tires, Inflation pressure
Inside door handle 34
Instrument cluster 28, 114, 405
 Illumination brightness 114
 Lamps 304
 Messages in display see Multifunction display messages
 Multifunction display 117
Instrument lighting see Instrument cluster, Illumination brightness
Instrument panel see Instrument cluster
Instruments and controls see Cockpit
Interior lighting 112
 Delayed switch-off 137
Interior rear view mirror 44

 Auto-dimming 181
Interior storage spaces see Storage compartments
J
Jacking up the vehicle 365
Jump starting 370
K
Key, Mechanical 357
Key, SmartKey
 Battery check lamp 100
 Checking the batteries 100
 Factory setting 99
 Locking/unlocking 98
 Locking/unlocking, Global setting 99
 Locking/unlocking, Selective setting 100
 Loss of 101
 Messages in the multifunction display 345
 Positions in starter switch 40
 Remote control 98
 Replacing the batteries 359
 Turning off the engine 56

- Unlocking, Trunk 100
- Kickdown 173, 405
- Kilopascal 287
- Knee air bags 66
- L**
- Labels
 - Certification 382
 - Emission control label 382
- Lamps
 - Exterior 361
- Lamps, exterior
 - Messages in the multifunction display 346
- Lamps, indicator and warning
 - ABS 29, 306
 - ABS/ESP® 29, 304
 - Airbrake 29, 311
 - Battery, SmartKey 100
 - Brake 29, 307
 - Center console 317
 - Combination low tire pressure/TPMS malfunction telltale 29, 315

- Coolant 29, 310
- Engine malfunction 29, 308
- Engine oil temperature 29, 311
- Fog lamps 109
- Fuel reserve 29, 311
- Gearshift 29, 311
- High beam 29
- Instrument cluster 304
- PASSENGER AIR BAG OFF 70, 317
- Passenger front air bag off 317
- Seat belt telltale 29, 312
- Seat belts 312–313
- SRS 29, 61, 314
- Turn signals 29
- Language, Setting 133
- License plate lamp
 - Messages in the multifunction display 347
 - Replacing bulbs 361
- License plate lamps 362
- Light sensor

- Messages in the multifunction display 347
- Lighter see Cigarette lighter
- Lighting
 - Automatic headlamp mode 107
 - Exterior 106
 - Instruments 114
 - Interior 112
 - Low-beam headlamps 107
 - Manual headlamp mode 107
- Limp-Home Mode, Automatic transmission 180
- Linkage covers 202
- Loading see Vehicle loading
- Location
 - Audio system 145
 - Compact guide (Canada only) 209
 - Vehicle literature portfolio 356
- Locator lighting 109, 135
- Loss of
 - Keys 101
 - Service and Warranty Information Booklet 381

Index

Low-beam headlamps 106, 107
 Messages in the multifunction display 348
 Replacing bulbs 361
 Switching on 51
Lubricants 393

M

Main odometer 29
Maintenance 294, 370
 Calling up service indicator 296
 Resetting service indicator 296
 Service indicator 294
 Service term exceeded 295
Manual headlamp mode 107
Manual shift program, Automatic transmission 178
Map pocket in passenger footwell 209
Maximum load rating, Tires 287
Maximum loaded vehicle weight 287
Maximum tire inflation pressure 287
Mechanical key 357
Menus see Control system menus

Messages (on-board computer)
 Soft top 354
Messages in display see Multifunction display messages 319
Microphone, Hands-free 33
Mirrors 181
 Adjusting 43
 Auto-dimming 181
 Exterior rear view mirror 44
 Interior rear view mirror 44
Mobile phone
 Pairing with Bluetooth® interface 213
MON 247, 405
Motor Octane Number see MON
Multifunction display 117, 405
 Changing settings see Control system menus and Control system submenus 117
 Left 29
 Right 29
 Selecting language 133
Multifunction display messages
 ABS 321, 322

ACL malfunction 328
Airbrake 332
Battery, Vehicle 332
Brake pads 339
Coolant 340
Coolant level 340
Differential 343
Doors 353
Electro-hydraulic brake system 334
Engine oil 344
ESP® 323
Fuel system 344
Hood 353
Lamps 346
Parking brake 339
Passenger front air bag 326
Reserve fuel 345
Seat belt 353
Service brake 339
SmartKey 345

Telephone 345
 Tires 351
 Trunk lid 353
 Washer fluid 354
 Multifunction steering wheel 30, 118, 405
 Button operation 118

N

Net, parcel 210
 Neutral gear position, Automatic transmission 169
 Night security illumination 109, 136
 Normal occupant weight 287
 Number, Vehicle Identification (VIN) 382, 407

O

Occupant Classification System see OCS
 Occupant distribution 287
 Occupant safety
 Air bags 62
 Children and air bags 63
 Children in the vehicle 76
 Fastening the seat belts 45

Infant and child restraint systems 76
 OCS 67
 Passenger front air bag off indicator lamp 70
 Seat belts 72
 SRS 60
 OCS 67, 405
 Self-test 71
 Octane number 406
 Odometer
 Main 117
 Trip 115
 Oil level see Engine oil, Checking level
 Oil see Engine oil
 One-touch gearshifting
 Gear selector lever 175
 Steering wheel gearshift control* 177
 Operating safety
 Audio system 145
 Vehicle 20
 Operator's manual 356

Outside temperature 122
 Outside temperature see Displays
 Overdue maintenance service 295
 Overhead control panel 33
 Overspeed range, Engine 116, 405

P

Panic alarm 81
 Parcel net in trunk 210
 Parking 55, 240
 Parking brake 32
 Engaging 56
 Message in the multifunction display 339
 Releasing 49
 Parking lamps 106
 Message in the multifunction display 348
 Replacing bulbs 361
 Parts service 380
 PASSENGER AIR BAG OFF indicator lamp 70
 Passenger compartment 244
 Passenger front air bag

Index

Messages in the multifunction display 324–327
Passenger front air bag off indicator lamp 70, 317
Passenger safety see Occupant safety
Pedals 235
Performance enhancement system, Airbrake 90
Phone see Telephone
Poly-V-belt drive 405
Layout 383
Power assistance 236
Power outlet 212
Power train 406
Power washer 299
Power windows 196
Cleaning 299
Operating 196
Synchronizing 198
Practical hints 302
Premium unleaded gasoline 396
Problems
While driving 54

With the vehicle 21
Product information 13
Production options weight 287
Program mode selector switch, Automatic transmission 175, 406
PSI 288
Push starting 370
R
RACETIMER see Control system menus, 722 S
Radio
Operation 151
Selecting stations 127
Radio transmitters 244
Reading lamp 113
Rear fog lamp see Fog lamps
Rear lamps see Tail lamps
Rear view mirrors see Mirrors
Rear window defroster 183
Recommended tire inflation pressure 288
Recovery services, Stolen vehicle (Tele Aid) 221
Redial memory 144

Refrigerant, Air conditioning 396
Refueling 247
Regular checks 248
Remote control, SmartKey 98
Remote door unlock, Tele Aid 220
Replacing bulbs 361
Reporting safety defects 22
Research Octane Number see RON
Reset button, in Instrument cluster 114, 294
Residual heat utilization 195
Restraint systems 60
Air bags 60, 62
Child restraints 60
Children in the vehicle 76
Emergency Tensioning Device (ETD) 60, 75
Seat belts 60, 72
Reverse gear position, Automatic transmission 169
Rims 288, 385
Roadside Assistance 16, 218
RON 247, 406

- Roof rack 230
- Roof see Soft top
- S**
- Safety
 - Driving safety systems 82
 - Occupant 60
 - Reporting defects 22
- Safety belts see Seat belts
- Seat belt force limiter 75
- Seat belts 60
 - Children in the vehicle 76
 - Fastening seat belts 45
 - Message in the multifunction display 353
 - Proper use of 46
 - Safety guidelines 64
 - Telltale 312
 - Warning lamp 312-313
- Seating capacity 264
- Seats 41
- Selector lever see Gear selector lever
- Self-test
 - Lamps in the instrument cluster 304
 - OCS 71
 - Tele Aid 216
- Service and warranty information 14
- Service intervals see Service indicator
- Service life
 - Tires 261
 - Vehicle batteries 256
- Service see Maintenance
- Service, Parts 380
- Settings
 - Control system menus 120
 - Control system submenus 121
 - Factory, SmartKey 99
 - Individual, Vehicle 129
 - Menus and submenus 119
 - Resetting to factory settings, Control system 129
 - Selective, SmartKey 100
 - Time 133
- Shift program mode selector switch, Automatic transmission 175
- Shifting, Automatic transmission 169
- Side air vents 185
- Side marker lamps
 - Messages in the multifunction display 348
 - Replacing bulbs 362
- Side windows see Power windows
- Sidewall 288
- SmartKey see Key, SmartKey
- Snow chains 293
- Snow tires* 292
- Soft top
 - Care 300
 - Messages in the multifunction display 354
 - Opening and closing 198
- Soft top linkage
 - Cover 202
- Spare fuses 376
- Spare parts service 380
- Speed setting

Index

- Cruise control 207
- Speed settings
 - Cruise control 208
- Speedometer 29
- SRS 60, 406
 - Indicator lamp 29, 314
 - Messages in the multifunction display 328
- Standing lamps 106
- Standing water, Driving trough 243
- Start button 48
- Starter battery 256, 370
- Starter switch 27, 40
- Starting difficulties, Engine 49
- Starting the engine 47
- Steering wheel 42
 - Buttons 30
- Steering wheel gearshift control
 - Indicator lamp 311
- Steering wheel gearshift control one-touch gearshifting
 - Automatic transmission 177

- Stolen Vehicle Recovery services 221
- Storage compartment
 - between the backrests 210
- Storage compartments 209
 - Armrest 209
 - Map pocket, Passenger footwell 209
 - Parcel net in trunk 210
- Storage location
 - Bluetooth® interface 210
- Storing tires 262
- Submenus see Control system submenus
- Sun visors 182
- Supplement Restraint System see SRS
- Symbols used in this Operator's Manual 19

T

- Tachometer 29
 - Overspeed range 116
- Tail lamps
 - Messages in the multifunction display 349
 - Replacing bulbs 361

- Technical data 378
 - Air conditioning refrigerant 396
 - Approved engine oils 395
 - Brake fluid 396
 - Coolants 398
 - Electrical system 390
 - Engine 384
 - Engine oil additives 395
 - Fuel requirements 397
 - Fuels, coolants, lubricants etc. 393
 - Gasoline additives 397
 - Main dimensions 391
 - Poly-V-belt 383
 - Premium unleaded gasoline 396
 - Rims and tires 385
 - Weights 392
 - Windshield and headlamp washer system 394
 - Windshield washer system and headlamp cleaning system 401
- Tele Aid 215, 407
- Call priority 220

Emergency calls 216
 Hands-free microphone 33
 Information 219
 Initiating an emergency call
 manually 217
 Messages in the multifunction
 display 354
 Remote door unlock 220
 Roadside Assistance 218
 SOS button 217
 Stolen Vehicle Recovery
 services 221
 System self-check 216
 Telephone 212
 Answering a call 142
 Dialing 143
 Ending a call 143
 Hands-free microphone 33
 Loading phone book 143
 Messages in the multifunction
 display 345
 Operation 141, 162
 Redialing 144
 Signal strength 141

Temperature
 Interior temperature 189
 Outside temperature 116
 Sensor, Interior 33
 Sensor, outside 116
 Tether attachment points, see Children in
 the vehicle
 Tightening torque, Wheel bolts 290, 291,
 407
 Time 133
 TIN 281, 288
 Tire and Loading Information 263
 Placard 263
 Terminology 286
 Tire Identification Number see TIN
 Tire inflation pressure
 Checking
 Checking electronically 271
 Checking manually 271
 TIREFIT kit 356, 365, 407
 Tire inflation pressure 367
 Using 365

Tires 259, 385
 Air pressure 286
 Care and maintenance 260
 Cleaning 262
 Combination low tire pressure/TPMS
 malfunction telltale 29, 315
 Direction of rotation, Spinning 262
 Driving instructions 240
 Hydroplaning 241
 Important guidelines 259
 Important notes, Tire inflation
 pressure 269
 Inflation pressure 249, 268, 270,
 283
 Information placards 263
 Inspection 260
 Load rating 277, 282, 288
 Loading terminology 286
 Messages in the multifunction
 display 329, 351
 Ply composition and material
 used 286, 288
 Problems under-/overinflation 275
 Retreads 259
 Rims and tires 385

Index

Rotation 289
Service life 261
Size designation 277
Sizes 386
Snow chains 293
Speed rating 242, 277, 279, 288
Storing 262
Temperature 269, 285
Terminology 286
TIN 281
TIREFIT kit 365
Traction 241, 285
Tread depth 261, 292
Treadwear indicators 261
Vehicle maximum load on 289
Wear pattern 289
Winter* 292
Top tether, see Children in the vehicle
Total load limit 288
Tow-away alarm 95

Towing 373
Transmission damage 375
Towing eye bolt 356
Installing/reinstalling 375
Traction 86, 175, 241, 288
Transmission gear selector lever see Gear selector lever
Transmission see Automatic transmission
Transporting the vehicle 375
Traveling abroad 244
Tread 288
Tread depth 261, 292
Treadwear indicators 288
Trip computer 139
Trip odometer 115, 117
Trunk
Closing 103
Emergency release 104
Lamp 113
Lock 102
Message in the multifunction display 353

Opening 100, 102
Opening in an emergency 357
Parcel net 210
Trunk lid rack 230
Turn signals 51
Additional in mirrors 362
Indicator lamps 29
Messages in the multifunction display 347
Replacing bulbs 361
Turning off the engine 56

U
Uniform Tire Quality Grading Standards 289
Units, Setting
Digital speedometer 132
Unleaded gasoline, Premium 247, 396
Useful features 209

V
Vehicle
Batteries 256
Control system, Settings menu 129

Dimensions 391
 Locking/unlocking 39, 57, 98, 105
 Modifications and alterations, Operating safety 20
 Towing 373
 Transporting 375
 Unlocking in an emergency 357
 Vehicle care 297
 Vehicle Identification Number see VIN
 Vehicle lighting 249
 Vehicle literature portfolio 356
 Vehicle loading 262
 Load limit 263
 Roof and trunk lid racks 230
 Terminology 286
 Vehicle maximum load on the tire 289
 Vehicle Recovery services, Stolen (Tele Aid) 221
 Vehicle status message memory menu 128
 Vehicle washing 298
 VIN 382, 407

W

Warning lamps see Lamps, Indicator and warning
 Warning sounds
 Drivers seat belts 74
 Exterior lamps 57
 Parking brake 50
 Warranty coverage 14, 381
 Washer fluid see Windshield washer fluid
 Washer reservoir level 257
 Washing the vehicle 297
 Wear pattern, Tires 289
 Wheel bolts
 Anti-theft wheel nuts 290
 Tightening torque 290
 Wheels, Sizes 386
 Wheels, Tires and 259
 Wind screen 201
 Windows see Power windows
 Windshield
 Cleaning 299

Defogging 192
 Windshield washer fluid 257, 401
 Message in the multifunction display 354
 Mixing ratio 401
 Refilling 257
 Wiping with 53
 Windshield washer system 401
 Windshield wipers 27, 52
 Cleaning wiper blades 299
 Replacing wiper blades 363
 Single wipe 53
 Winter driving 292
 Instructions 242
 Snow chains 293
 Tires* 292
 Winter tires* 292

Service and Literature

Your authorized Mercedes-Benz Center has trained technicians and Genuine Mercedes-Benz Parts to service your vehicle properly.
For expert advice and quality service, contact an authorized Mercedes-Benz Center.

If you are interested in obtaining service literature for your vehicle, please contact an authorized Mercedes-Benz Center.
We consider this the best way for you to obtain accurate information for your vehicle.

For further information you can find us on the Mercedes-Benz web-site *www.mbusa.com* (USA only) or
www.mercedes-benz.ca (Canada only).

Warning!



To help avoid personal injury, be extremely careful when performing any service work or repairs. Improper or incomplete service or the use of incorrect or inappropriate parts or materials may damage the vehicle or its equipment, which may in turn result in personal injury.

If you have any questions about carrying out any type of service, turn to the advice of an authorized Mercedes-Benz Center.

We reserve the right to make changes in design and equipment.
Therefore, information, illustrations and descriptions in this Operator's Manual might differ from your vehicle.
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