



A-Class Owner's Manual



Mercedes-Benz

Contact

Mercedes-Benz will be happy to answer any questions you may have:

Mercedes-Benz Contact

Telephone: **00800 1 777 7777**

International: **+49 69 9530 7277**

Internet

Further information on Mercedes-Benz vehicles and DaimlerChrysler is available on the following websites:

www.mercedes-benz.com

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Editorial office

You are welcome to forward any queries or suggestions you might have regarding the Owner's Manual to the technical documentation team at the following address:

DaimlerChrysler AG, HPC: R803,
70546 Stuttgart

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The aim of this Owner's Manual**▼ The aim of this Owner's Manual**

This Owner's Manual is intended to assist you in all situations with your vehicle. Each section has its own colour code to help you find the information you require quickly.

At a glance

Here you will find an overview of all the controls you can operate from the driver's seat.

Getting started

Here you will find all the information you will need when you are driving your vehicle for the first time. You should read this section first if this is your first Mercedes-Benz vehicle or you have hired the vehicle.

Safety

This section describes the safety features of your vehicle.

Controls in detail

This is where you will find detailed information about the equipment in the vehicle. This section expands on the "Getting started" section and also describes technical innovations. You will find this section particularly interesting if you are already familiar with the basic functions of your vehicle.

Operation

Here you will find all the information you will need when you are driving the vehicle.

Practical advice

Here you will find practical help for problems which might arise.

Technical data

All the important technical data for the vehicle is contained here.

Contents and index

The glossary of technical terms explains the most important technical concepts.

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

The following are part of your vehicle's documentation:

- this Owner's Manual
- the brief instructions
- the Service Booklet

You may receive further supplementary instruction booklets depending on your vehicle's equipment.

Symbols

▼ Symbols

You will find the following symbols used in this Owner's Manual:

- * The asterisk indicates an item of optional equipment. The equipment in your vehicle may differ from some of the descriptions and illustrations you see here as not all models have the same standard equipment.

Warning



A warning draws your attention to possible risks to your health or life.

Environmental note



An environmental note gives you tips on the protection of the environment.



This symbol draws your attention to possible hazards to your vehicle.



This symbol stands for advice or further information you may find useful.

- ▶ This symbol means that you have to do something.
- ▶ A number of these symbols one after the other indicates a sequence of actions.
- ▷▷ This continuation symbol indicates an interrupted sequence of actions that will be continued on the next page.
- ▷ page This symbol points you to the page on which you can find further information on a subject.
- > This symbol in the glossary of technical terms means that the term following the arrow is also explained.

▼ Protection of the environment

Environmental note



DaimlerChrysler's declared policy is one of integrated environmental protection. This policy starts at the root causes and encompasses in its management decisions all the consequences for the environment which could arise from production processes or the products themselves.

The objectives are for the natural resources which form the basis of our existence on this planet to be used sparingly and in a manner which takes the requirements of both nature and humanity into account.

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

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

- your vehicle's operating conditions
- your style of driving

These two factors are within your control.

Therefore, observe the following points:

Operating conditions

- Avoid short trips.
- Make sure that the tyre pressures are always correct.
- Do not carry any unnecessary weight.
- Remove ski holders and roof racks once you no longer need them.
- Keep an eye on the vehicle's fuel consumption.
- A regularly serviced vehicle will contribute to environmental protection. You should therefore stick to the service intervals that the Active Service System (ASSYST) shows in the display.
- Always have service work carried out at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.

Your style of driving

- Do not depress the accelerator pedal during the starting procedure.
- Do not warm up the engine with the vehicle stationary.
- Anticipate road traffic conditions and maintain a sufficient distance from the vehicle in front.
- Avoid frequent, sudden acceleration.
- Change gear in good time and use each gear only up to $\frac{2}{3}$ of its maximum engine speed.
- Switch off the engine in stationary traffic.

Operating safety

▼ Operating safety

Risk of accident



Work carried out incorrectly on electronic equipment and its software could stop this equipment working. The electronic systems are networked via interfaces. Tampering with these electronics systems could even cause malfunctions in systems that have not been modified. Such malfunctions could seriously impair the operational safety of your vehicle, and thus your own safety.

Other work on or modifications to the vehicle that have been carried out incorrectly could also jeopardise operating safety.

Some safety systems only operate when the engine is running. For this reason, do not switch off the engine while driving.

Risk of injury



Always have maintenance work carried out at a qualified specialist workshop which has the specialist knowledge and tools for the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this.

In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Correct use

Observe the following information when using your vehicle:

- the safety notes in this manual
- the "Technical data" section of this manual
- national road traffic regulations
- national road traffic licensing regulations

Risk of injury

There are various warning stickers attached to your vehicle. These serve to make yourself and others aware of various risks. For this reason, do not remove any warning stickers unless this is expressly stipulated on the sticker.

If you remove a warning sticker, this might lead to you or other persons not recognising certain dangers and could result in injury.

Cockpit

Instrument cluster

Centre console

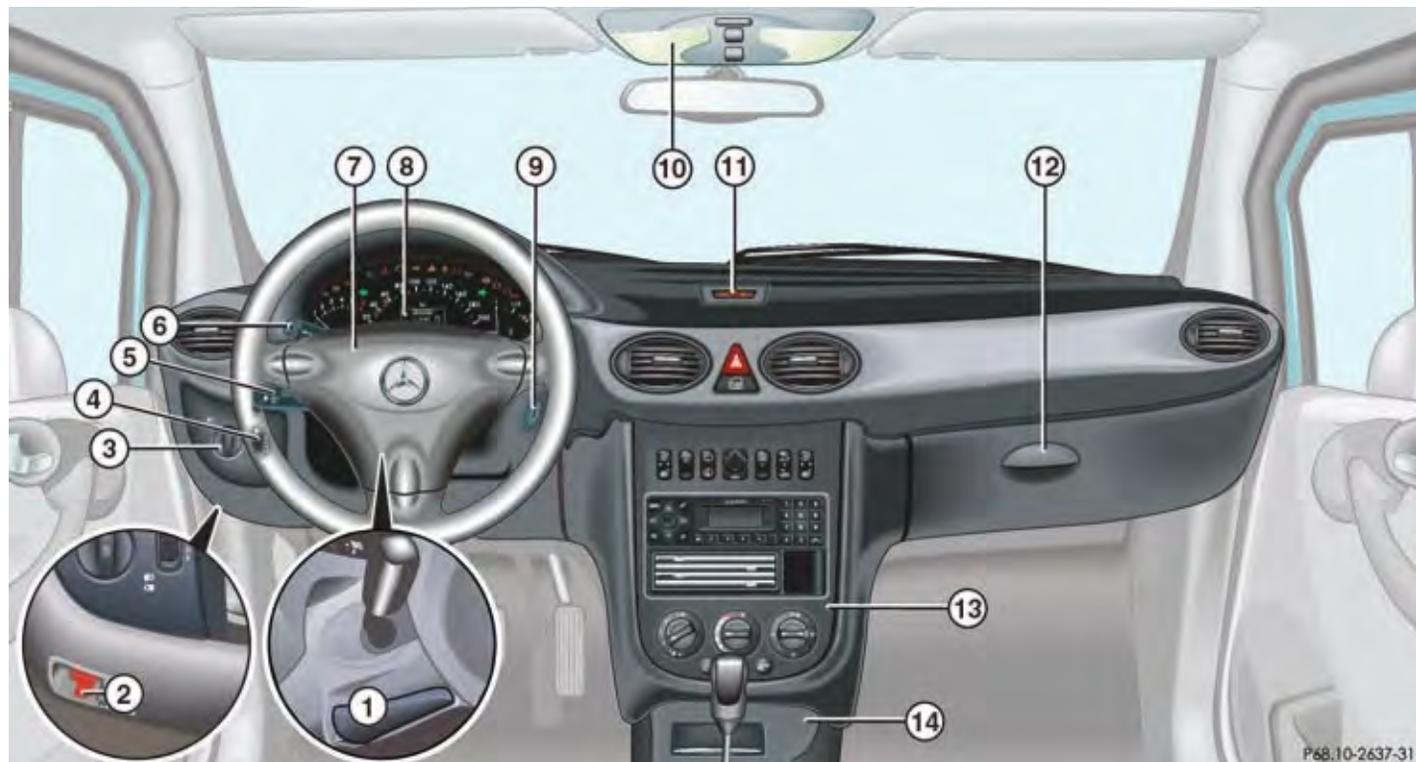
Overhead control panel



Cockpit

▼ Cockpit

Left-hand-drive vehicles



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Right-hand-drive vehicles



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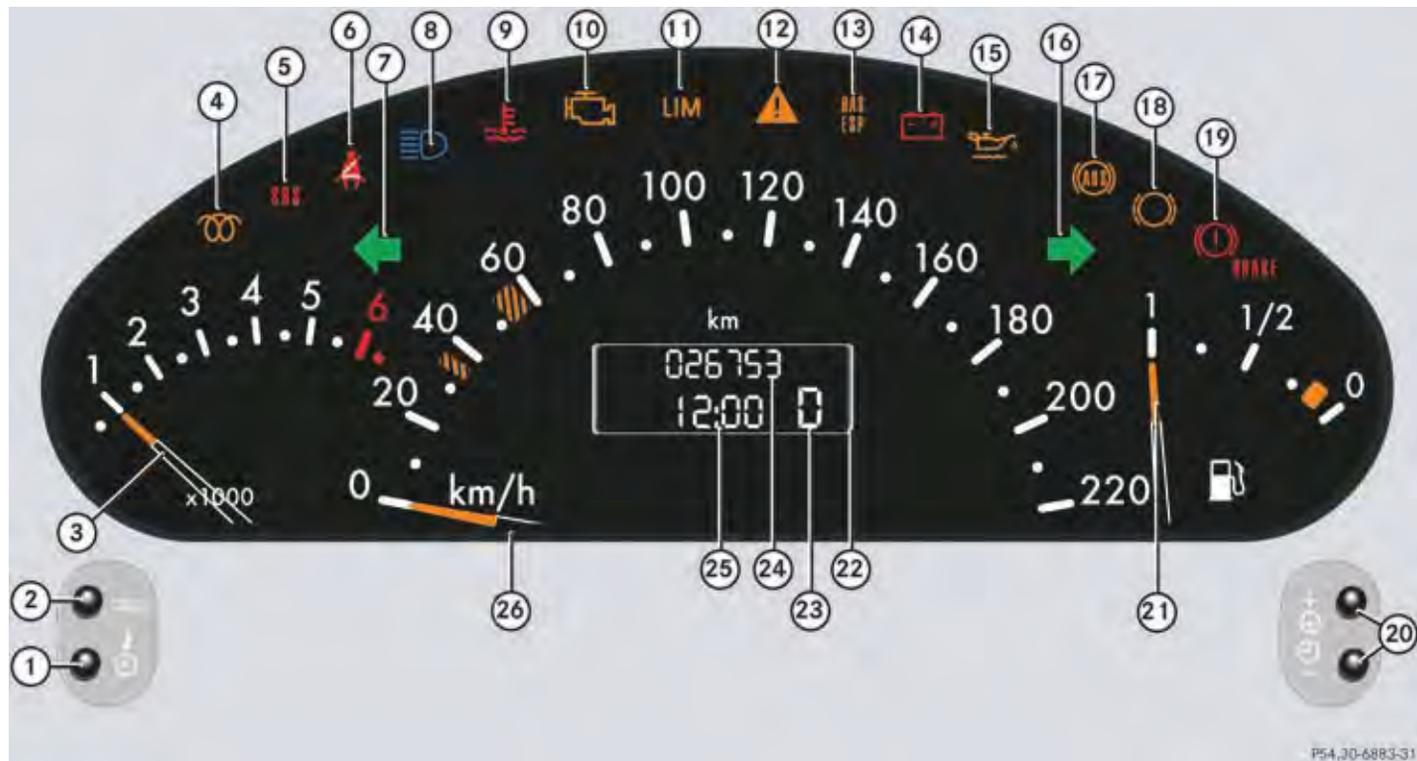
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Instrument cluster

▼ Instrument cluster

Kilometres



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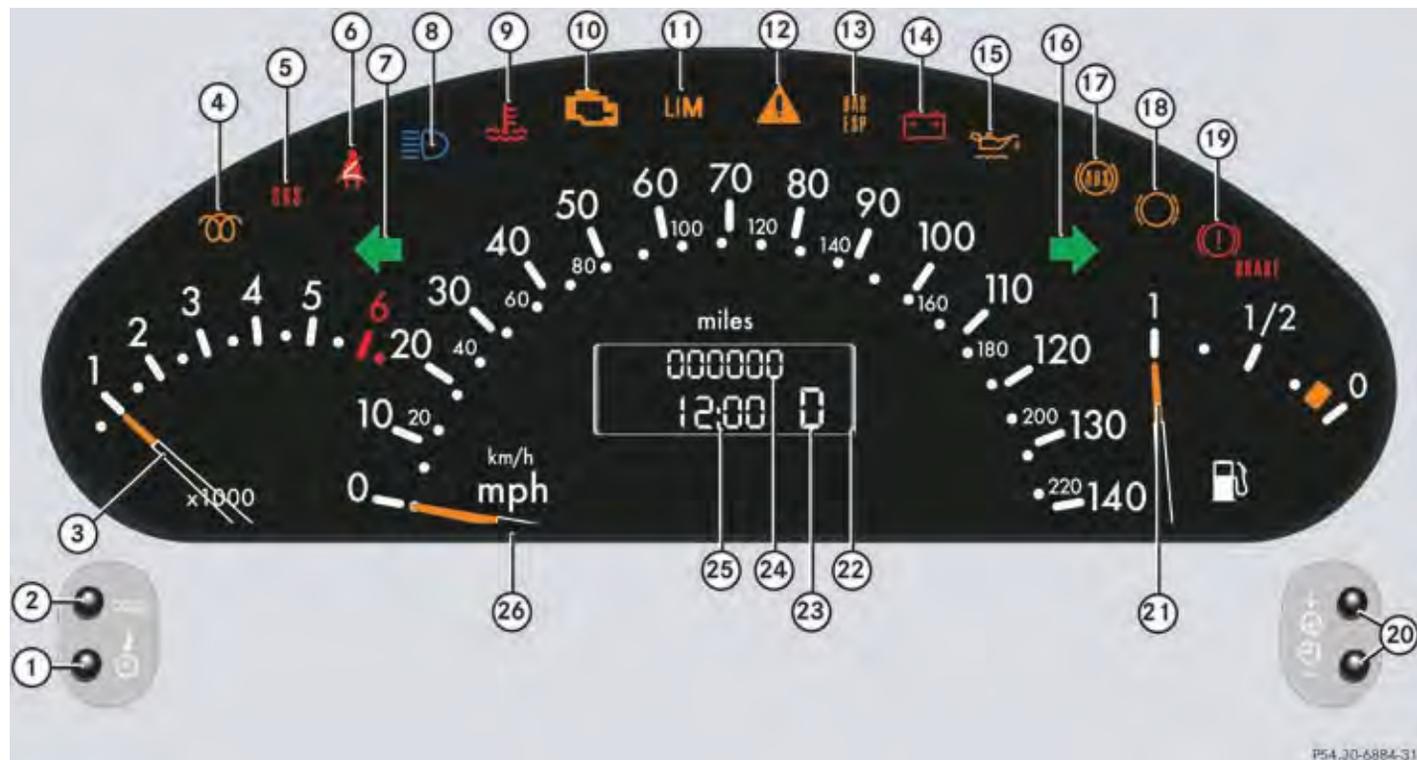
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Instrument cluster

Miles



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Centre console

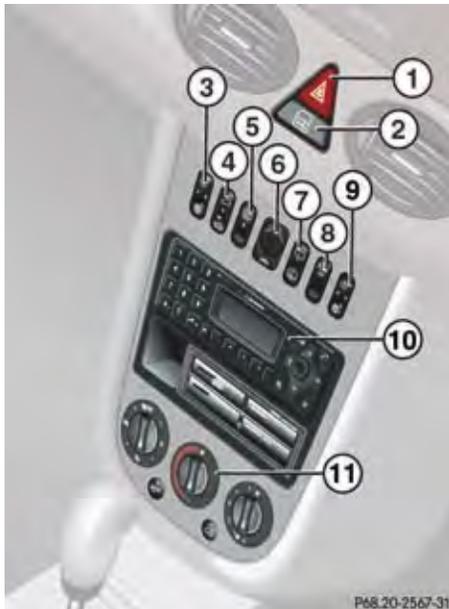
▼ Centre console

Upper section (left-hand-drive vehicles)



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**Upper section
(right-hand-drive vehicles)**


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Centre console

Lower section (left-hand-drive vehicles)



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The layout of the switches may vary, depending on the equipment fitted.

Lower section (right-hand-drive vehicles)



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⑨	Handbrake	40
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⑪	Selects automatic trans- mission* gear change pro- gram	111
⑫	Opens the ashtray	188



The layout of the switches may vary, depending on the equipment fitted.

Overhead control panel

▼ Overhead control panel



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Opening

Adjusting

Driving

Parking and locking



Opening

The "Getting started" section contains a summary of the basic functions of the vehicle. You should read this section especially thoroughly if this is your first Mercedes-Benz vehicle.

If you are already familiar with the basic functions described here, the "Controls in detail" section will help you with more detailed information. You will find the reference to the appropriate part of that section at the end of each segment.

▼ Opening

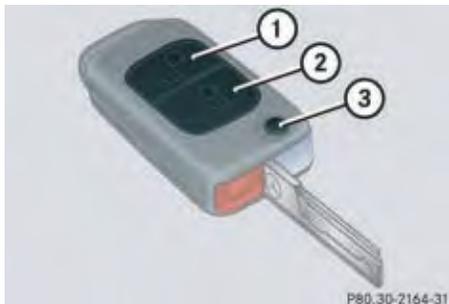
Unlocking with the key



- ▶ Insert the key in the door lock.
- ▶ Turn the key anti-clockwise.
The locking knobs in the doors pop up.
- ▶ Get into the vehicle and insert the key in the ignition lock.

You will find further information in the "Controls in detail" section (▷ page 80).

Unlocking with the remote control*



- ①  Unlocking button
- ②  Locking button
- ③ Key release knob

- ▶ Press  unlocking button ① on the remote control.

The turn signals flash briefly.

The locking knobs in the doors pop up.

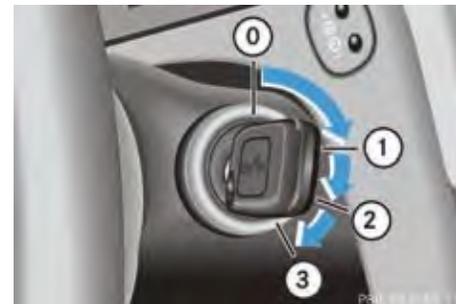
- ▶ Press release knob ③ on the remote control.

The key folds out.

- ▶ Get into the vehicle and insert the key in the ignition lock.

You will find further information in the "Controls in detail" section (▷ page 81).

Ignition lock positions



Ignition lock

- 0 To remove the key
- 1 Power supply for some consumers
- 2 Ignition (power supply for all consumers) and driving position
- 3 To start the engine

Releasing the steering wheel lock

- ▶ Turn the key to position 1, moving the steering wheel as you do so.

Adjusting

▼ Adjusting

Seats

Risk of accident



Only adjust the driver's seat when the car is stationary. You could otherwise be distracted, lose control of the vehicle and cause an accident as a result of the seat movement.

Risk of injury



Before commencing a journey, check that the removable seats are correctly engaged.

Make sure that nobody can be trapped during seat adjustment.

Your seat must be adjusted in such a way that you can wear the seat belt correctly (▷ page 36).

Adjust your seat so that

- you are sitting as far as possible away from the front airbag

Observe the following points:

- the backrest should be almost vertical
- your arms should be slightly bent when you are holding the steering wheel

- the distance to the pedals should be such that you can depress them fully without overstretching your legs
- the head restraint should support the back of your head at about eye level

You could otherwise receive severe or even fatal injuries in the event of sudden braking or an accident.

Adjusting the seat



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

Seat height

- ▶ Pull handle ① up repeatedly until the seat has reached the required height.
- or
- ▶ Press handle ① down repeatedly until the seat has reached the required height.

Seat fore-and-aft adjustment

- ▶ Pull handle ② up.
- ▶ Slide the seat forwards or backwards.
- ▶ Let go of handle ② again.

Be sure that you hear the seat click into position.

Backrest angle

- ▶ Turn handwheel ③ forwards or backwards.

Head restraints



- ① Release catch
 - ② Head restraint
- ▶ Pull head restraint ② up.
- or
- ▶ Press release catch ① and press head restraint ② down.

Adjusting

Risk of injury



Make sure that the back of your head is supported by the middle area of the head restraint at about eye level. This will reduce the risk of injury to the head and neck in the event of accidents or similar situations.

Steering wheel

Risk of accident



Only adjust the steering wheel when the vehicle is stationary.

Only drive with the steering wheel locked in position.

- ▶ Press release lever ① down.
The steering column is released.
- ▶ Move the steering wheel to the desired position.
- ▶ Press release lever ① up.
The steering wheel position is locked.

Adjusting the steering wheel

The lever is on the underside of the steering column.



① Release lever

Mirrors

Before starting off, adjust the rear-view mirror and the exterior mirrors so that you can get a good overview of road and traffic conditions.

Rear-view mirror

- ▶ Adjust the rear-view mirror manually.

Exterior mirrors

Risk of accident



The exterior mirrors reduce the size of the image. Objects are actually closer than they appear.

The buttons are located on the upper section of the centre console.



- ① Adjustment button
- ② Right-hand mirror
- ③ Left-hand mirror

- ▶ Make sure that the ignition is switched on.

All lights in the instrument cluster are on.

- ▶ Press button ② for the right-hand mirror, or button ③ for the left-hand mirror.
- ▶ Press adjustment button ① up, down, left or right until the mirror is correctly adjusted.



The convex surface of the exterior mirrors gives a wider field of vision.

Your mirrors are automatically heated at low outside temperatures.

The mirrors could vibrate if they are not folded out properly.

You will find further information in the "Controls in detail" section (▷ page 112).

Driving

▼ Driving

Risk of accident



Do not keep any objects in the driver's footwell. Make sure that floor mats or carpets in the driver's footwell

- do not obstruct the pedals
- are securely fastened

Objects could otherwise get caught between the pedals if you accelerate or brake suddenly. You will then not be able to brake or accelerate. This could lead to accidents and thus result in injuries.

Wearing seat belts

Risk of injury

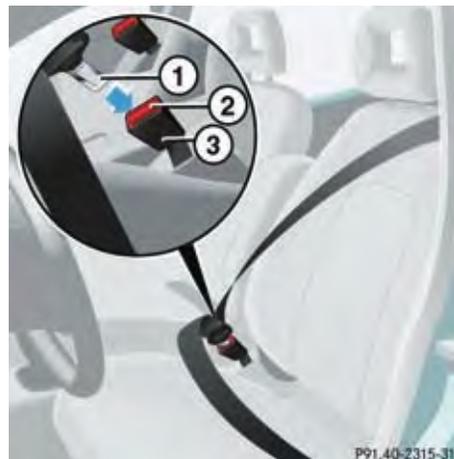


An incorrectly fastened seat belt, or a seat belt that is not engaged in the belt buckle, cannot perform its protective function and could even cause serious or fatal injuries.

The airbags are also only able to perform their protective function correctly if the occupants are wearing their seat belts (▷ page 48).

You should therefore make sure that all occupants – especially pregnant women – always wear their seat belts correctly.

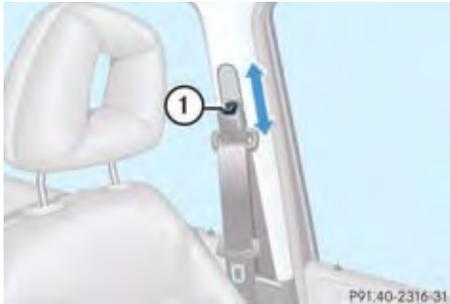
Persons less than 1.50 m (approx. 4' 11") tall are unable to fasten seat belts correctly. They therefore need to use suitable restraint systems to give them additional protection.



- ① Belt tongue
- ② Release button
- ③ Buckle

- ▶ Pull the belt smoothly from the belt reel.
- ▶ Route the belt over your shoulder.
- ▶ Click belt tongue ① into buckle ③.

Adjusting belt height



① Release button

Raising

- ▶ Slide the belt sash guide up.

Lowering

- ▶ Press release button ①.
- ▶ Slide the belt sash guide down.

When you have adjusted the belt height:

- ▶ Pull up on the shoulder belt to tighten the belt across your lap if necessary.

How to fasten the seat belt correctly:

- Do not twist the seat belt.
- Pass the belt over the middle of your shoulder. The belt must not pass around your neck or under your arm.
- The lap belt must cross over your hip joints as low down as possible, i.e. over your hip joints and not across the stomach.
- Position the backrest almost vertically.
- Only one person should use each seat belt at any one time.
- Do not secure any objects with a seat belt if it is also being used by one of the vehicle's occupants.
- Check the seat belt during the trip to ensure that it is still correctly routed.
- Always ensure that the belt passes closely over the body. You should therefore avoid wearing bulky clothing (e.g. winter coats).

Risk of injury



You could be injured in an accident if you use seat belts which

- are damaged
- have been subjected to physical stress in an accident
- have been modified

The seat belts will then no longer function and protect as intended.

Do not pass the belt strap over sharp edges. It could tear.

Do not catch the belt in the door or seat adjustment mechanism. It could be damaged.

You should never modify the seat belts yourself. They might no longer function correctly.

Always have damaged seat belts or seat belts which have been subjected to increased loads due to an accident replaced at a qualified specialist workshop which has the necessary specialist knowledge and tools for the work required. Mercedes-Benz recommends that you visit a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Starting the engine

Risk of poisoning



Never leave the engine running in enclosed spaces. The exhaust gases contain carbon monoxide. Inhaling exhaust fumes constitutes a health hazard. It could lead to loss of consciousness or even death.

Manual transmission and manual transmission with automatic clutch system*

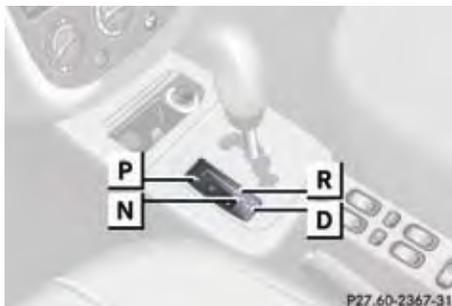


Gearshift pattern

- ▶ Move the gear lever to neutral.

You will find further information in the "Controls in detail" section (▷ page 103), (▷ page 104).

Automatic transmission*



Gearshift pattern

- P** Park position
- R** Reverse gear
- N** Neutral
- D** Drive position

- ▶ Make sure that the selector lever is in position **P**.



The engine can also be started when the selector lever is in position **N**.

You will find further information in the "Controls in detail" section (> page 107).

Starting the engine

Vehicles with diesel engine:

- ▶ Turn the key to position **2** in the ignition lock.

As soon as the  preglow indicator lamp in the instrument cluster has gone out, start the engine as follows.

Manual transmission:

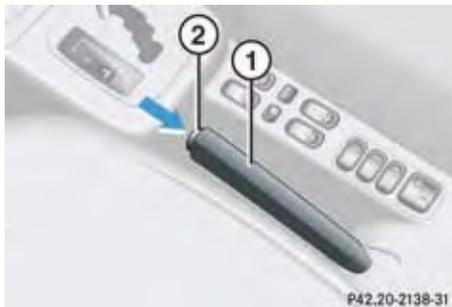
- ▶ Turn the key to position **3** in the ignition lock and release it again once the engine is running.

Vehicles with automatic clutch system* or automatic transmission*:

- ▶ Turn the key to position **3** in the ignition lock and release it again immediately.

The engine starts automatically.

Handbrake



- ① Handbrake
- ② Release knob

Risk of accident



Never leave children unsupervised in the vehicle. They could release the handbrake, which could cause an accident resulting in injury or even death.

- ▶ Fold the armrest* between the two front seats up.
- ▶ Depress the brake pedal.
On vehicles with automatic transmission*, the selector lever lock is released.
- ▶ Release the handbrake. To do this, pull handbrake ① up slightly and press release knob ②. Guide handbrake ① down to the stop.
The  indicator lamp in the instrument cluster goes out.

Pulling away

- ▶ On vehicles with manual transmission or manual transmission with automatic clutch system*:
Engage **1st** or reverse gear.
On vehicles with automatic transmission*:
Engage shift range **D** or **R**.



Vehicles with automatic transmission*:

The selector lever can only be moved to the required position when the brake pedal is depressed. Only then is the selector lever lock released.

- ▶ Release the brake pedal.



Vehicles with automatic transmission*:
Wait for the shift process to complete before pulling away.

- ▶ Carefully press the accelerator pedal.

The vehicle will lock itself centrally once you have pulled away. The locking knobs in the doors will drop down.



You can open the doors from inside at any time.

The automatic door lock can also be switched off (▷ page 86).

Vehicles with automatic transmission*:
Upshifts take place at higher engine speeds after a cold start. This helps the catalytic converter to reach its operating temperature more quickly.



Only drive at high speeds once the engine has warmed up; this protects the engine.

Only select reverse gear when the vehicle is stationary, otherwise you could damage the transmission.

Driving

Switching on the headlamps

The light switch is in the cockpit, between the steering column and the driver's door.



Light switch

- ① Lights off
- ② Dipped-beam headlamps on

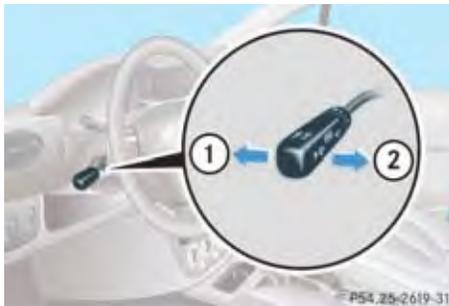
► Turn the light switch to .

i

In some countries, the dipped-beam headlamps are switched on as soon as you start the engine.

Main-beam headlamps

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



Combination switch

- ① Main-beam headlamps
- ② Headlamp flasher

► Press the combination switch forwards ①.

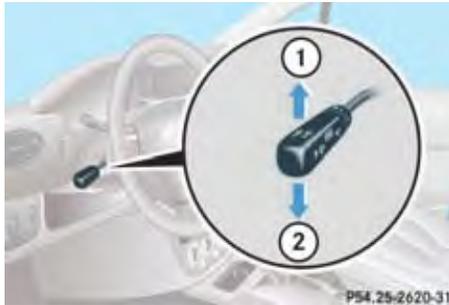
Main-beam comes on.

The main-beam headlamps symbol  in the instrument cluster lights up.

You will find further information about the lights in the "Controls in detail" section (► page 95).

Turn signals

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



Combination switch

- ① Right-hand turn signal
- ② Left-hand turn signal

- ▶ Push the combination switch up ① or down ②.

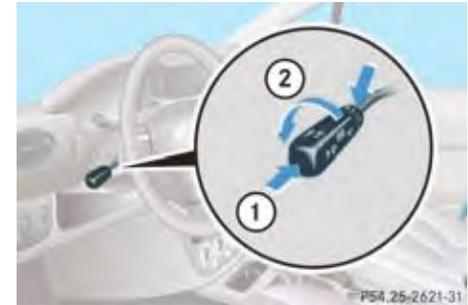
The corresponding turn signal indicator lamp flashes in the instrument cluster.



To signal a minor change in direction, press the combination switch to the pressure point.

Windscreen wipers

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



Combination switch

- ① Single wipe
- ② To switch on the windscreen wipers

- ▶ Make sure that the ignition is switched on.

Driving

Switching on the windscreen wipers

- ▶ Turn the combination switch to the correct setting depending on the intensity of the rain.

0 Windscreen wipers off

I Intermittent wipe

II Normal wipe

III Rapid wipe



Vehicles with rain sensor*:

The wiper sweep in intermittent mode I is automatically controlled.

Single wipe

- ▶ Briefly push the switch in the direction of arrow ①.

The windscreen wipers wipe once without windscreen washer fluid.

Wiping with washer fluid

- ▶ Press the switch in the direction of arrow ① and beyond the pressure point.

The windscreen wipers wipe with windscreen washer fluid.

You will find further information in the "Controls in detail" section (▷ page 118).

▼ Parking and locking

You have now completed your first journey. You have brought your vehicle to a standstill and parked in the correct manner. Finish the journey as follows.

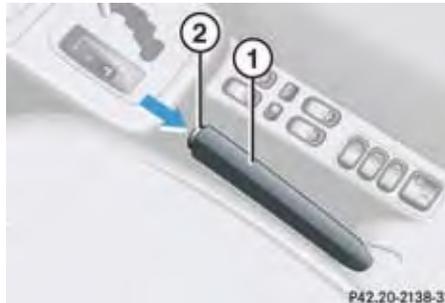
Risk of accident



Do not remove the key from the ignition lock until the vehicle is stationary, since you will no longer be able to steer the vehicle with the key removed.

Never leave children unsupervised in the vehicle. They could release the handbrake, which could cause an accident resulting in injury or even death.

Handbrake



- ① Handbrake
- ② Release knob

- ▶ Fold the armrest* between the two front seats up.
- ▶ Apply handbrake ①.

The  indicator lamp in the instrument cluster lights up when the engine is running.

Parking and locking

Parking the car



When parking the car on a steep hill, turn the front wheels towards the kerb.

- ▶ With manual transmission or manual transmission with automatic clutch system*:

Engage **1st** or reverse gear.

With automatic transmission*:

Move the selector lever to **P**.

- ▶ Turn the key to position **0** in the ignition lock (▷ page 31) and remove it.

The immobiliser is activated.



Vehicles with automatic transmission*:

You are only able to remove the key when

- the selector lever is in position **P**
- the brake pedal is not depressed

- ▶ Turn the steering wheel until the steering lock engages.

- ▶ Press the seat belt release button and guide the belt tongue back to the belt sash guide (▷ page 36).

Risk of injury



Make sure that nobody can be trapped as you close the doors.

- ▶ Get out of the vehicle and close the door.
- ▶ Insert the key in the door lock and turn it clockwise.

The locking knobs in the doors drop down. Your vehicle is locked.

or

- ▶ Press the locking button  on the remote control*.

The locking knobs in the doors drop down. The turn signal lamps flash three times. Your vehicle is locked.

Occupant safety

Driving safety systems

Anti-theft systems



Occupant safety

This section contains all the most important information about the restraint systems of the vehicle.

The restraint systems are

- Airbags
- Seat belts
- Belt tensioners, belt force limiters
- Child seats
- Child seat recognition

As independent systems, their protective functions complement one another.

▼ Occupant safety

Risk of injury



Work incorrectly carried out on the restraint systems could cause them to be triggered incorrectly or not at all.

Always have maintenance work carried out at a Mercedes-Benz Service Centre which has the specialist knowledge and tools for the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Airbags

Risk of injury



Airbags can provide additional protection in conjunction with a correctly fastened seat belt. However, they are not an alternative to the seat belts.

To reduce the risk of severe or even fatal injuries caused by the airbags inflating in an accident with deceleration exceeding a pre-determined level, please make sure that:

- all occupants – especially pregnant women – always wear their seat belts correctly.
- you select a seating position as far as possible from the airbag, but which still enables you to drive the vehicle safely.
- you do not lean forward when the vehicle is in motion.

- you do not lean on the doors from the inside.
- you do not put your feet on the dashboard.
- you only hold the steering wheel by the rim. This allows the airbag to inflate fully.
- you do not place objects on the airbags or between the airbags and the vehicle's occupants.
- you do not hang any hard objects, for example coat hangers, on the grab handles.
- you do not place any objects between the seat backrest and the door.

Risk of injury



Correct operation of the airbags can only be guaranteed if:

- no objects are placed between the seat cushion and the occupant of the front-passenger seat
- stickers and badges are not attached to the steering wheel padded boss, the front-passenger airbag cover, the door trim or the vehicle roof lining in the area of the windowbags*
- the restraint systems, including the wiring, have not been modified

After an airbag has been triggered:

- Do not touch any airbag parts. They may be hot.

Have the airbags replaced at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the required work. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Occupant safety

The airbags will only be able to perform their intended protective function if the occupants are wearing their seat belts correctly (▷ page 36).

Airbags inflate in milliseconds and can therefore cause injury if:

- The seats are positioned very near to the front airbags.

This position is especially dangerous for small children and babies seated in rearward-facing child seats on the front-passenger seat. For this reason, only use the special Mercedes-Benz child seat with a transponder (▷ page 63) or fit a rearward-facing child seat on one of the rear seats. Forward-facing child seats without a transponder may only be used on the front-passenger seat if the front-passenger seat is moved to its rearmost position.

- Occupants behave inappropriately or foolishly.

Occupants – especially small children – could be severely or even fatally injured if airbags are handled incorrectly, or if they are seated in the immediate vicinity of the front airbag inflation point.

Mercedes-Benz recommends that you only use the child restraint systems listed (▷ page 58).

If you sell your vehicle, you are obliged to make the buyer aware of these points. You should therefore pass on this Owner's Manual to the new owner for this purpose.

Observe the relevant safety regulations when disposing of airbag units. The regulations can be viewed at any Mercedes-Benz Service Centre.

If an airbag is triggered, smoke is emitted as it inflates. This smoke does not constitute a health hazard, nor does it imply that a fire has broken out in the vehicle.

The fabric of the airbag may cause minor skin injuries due to its rapid inflation.

The **SRS** indicator lamp in the instrument cluster (▷ page 20) lights up

- for about four seconds when the key is turned to position **1** in the ignition lock
- permanently when the key is turned to position **2** in the ignition lock, and goes out when the engine is started

This indicates that the restraint systems are operational.

Risk of injury

Vehicles with removable front-passenger seat*:

The connection on the right-hand seat rail must be made to enable the front-passenger airbag to trigger (▷ page 157). If this connection is not made when you switch the ignition on:

- The **AIRBAG** warning lamp on the centre console will flash
- The **SRS** indicator lamp in the instrument cluster will light up
- You will hear a warning signal

Front airbags

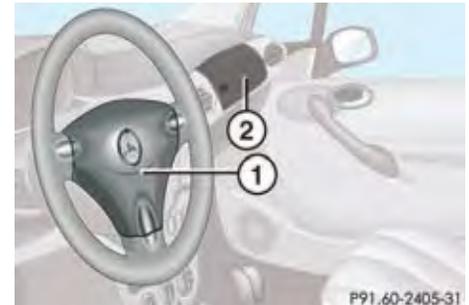
The driver's and front-passenger airbags are triggered

- if a front-end impact occurs
- if the force of the collision exceeds a predetermined level
- independently of the sidebags and windobags

The airbags will not be triggered in a minor front-end collision. The seat belts will provide the necessary protection in this case.

The front-passenger airbag will only be triggered if

- the front-passenger seat is occupied
- the **AIRBAG OFF** warning lamp on the centre console is not lit up (▷ page 63)



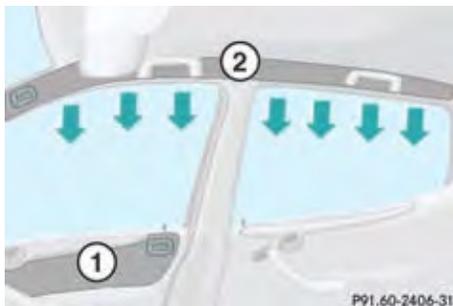
- ① Driver's airbag
- ② Front-passenger airbag



Do not place heavy objects on the front-passenger seat. Otherwise, the front-passenger airbag or the front-passenger sidebag could be triggered in an accident.

Occupant safety

Sidebags and windowbags*



- ① Front sidebag
- ② Windowbag*

Sidebags

The side airbags are triggered

- on the side on which an impact occurs
- if the force of the collision exceeds a predetermined level
- independently of the front airbags

The sidebags will not be triggered in a minor side collision.

The front-passenger sidebag will only be triggered if the passenger seat is actually occupied.

Windowbags*

The windowbags are triggered

- on the side on which an impact occurs
- in addition to the sidebags

On the front-passenger side, the windowbag will be triggered regardless of whether the front-passenger seat is occupied or not.

The windowbags inflate in the area of the A- to C-pillars (arrows) between the side windows and the occupant's head.

Seat belts

In many countries, there are regulations concerning the use of seat belts and child restraint systems. All occupants should always use the seat belts independently of these regulations.

You will find information about fastening the seat belts in the "Getting started" section (▷ page 36).

Risk of injury



The three-point belt provides greater restraint than the lap belt and thus offers greater protection from injury. Rear seat passengers should therefore preferably occupy the seats equipped with three-point belts.

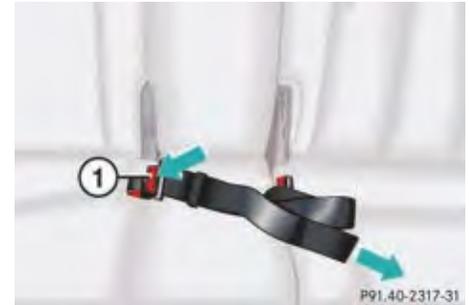
Have seat belts that have been damaged or subjected to severe stress in an accident replaced. Their anchorages should also be checked.

Mercedes-Benz recommends that for safety reasons you only use seat belts which have been specially approved for your vehicle by Mercedes-Benz.

Never modify seat belts in any way. This could lead to the restraint systems being triggered unexpectedly or failing.

Always have work to the seat belts carried out at a qualified specialist workshop which has the specialist knowledge and tools for the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Lap belt for the centre rear seat



① Buckle

Risk of injury



To reduce the risk of injury, it is important to ensure that the belt

- crosses over the occupant's hip joints as low down as possible, i.e. over the occupant's hip joints and not across the occupant's abdomen.
- is sitting tightly.

Occupant safety

Shortening the lap belt

- ▶ Click the belt tongue into centre seat belt buckle ①.
- ▶ Pull the end of the belt strap.

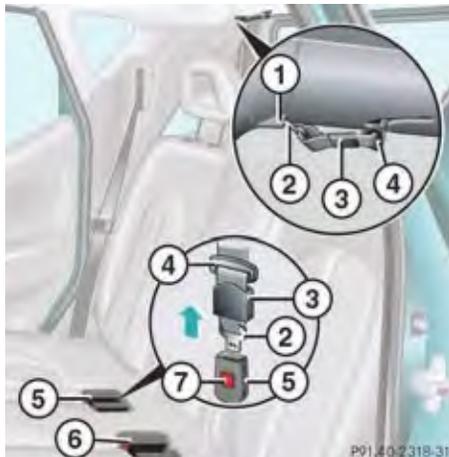
Extending the lap belt

- ▶ Before fastening the belt, turn the belt tongue somewhat beyond a right angle to the belt strap and pull.



You can stow the lap belt and the belt buckles in the recesses in the rear seats.

Three-point (lap and diagonal) seat belt for centre rear seat*



- ① Recess
- ② Belt tongue for belt buckle ⑤
- ③ Retainer tab for belt tongue ④
- ④ Belt tongue for belt buckle ⑥
- ⑤ Buckle
- ⑥ Buckle
- ⑦ Release button

Risk of injury



If you are not using the centre three-point (lap and diagonal) seat belt, belt tongue ② must always be inserted in belt buckle ⑤ or in recess ①. When driving, and in particular in the event of an accident, the belt could otherwise be thrown around and cause injury to occupants or damage to the vehicle interior.

Fastening three-point (lap and diagonal) seat belts

- ▶ Pull belt tongue ② out of recess ①.
- ▶ Guide the belt by belt tongue ② to buckle ⑤.
- ▶ Click belt tongue ② into buckle ⑤.
- ▶ Pull belt tongue ④ up from retainer tab ③.
- ▶ Guide the belt by belt tongue ④ to buckle ⑥.
- ▶ Click belt tongue ④ into buckle ⑥.



Note the triangular marks on buckle ⑤ and belt tongue ②. Belt tongue ② may only be inserted in the correct buckle ⑤.

Take care to ensure that the belt

- is not twisted
- is routed over the middle of your shoulder
- crosses over your hip joints as low down as possible, i.e. over your hip joints and not across your abdomen.
- does not pass around your neck or under your arm
- is tight across your lap – tighten by pulling the belt up in front of the upper torso
- is sitting tightly

Releasing three-point seat belts

- ▶ Press release button ⑦ on buckle ⑤.

If you wish to remove the rear bench seat

- ▶ Press the release button on buckle ⑥.
- ▶ Slide belt tongue ④ into retainer tab ③.
- ▶ Guide belt tongue ② to recess ① and insert.

Occupant safety

Belt tensioners, belt force limiters

The front seat belts are equipped with belt tensioners and belt force limiters; the rear three-point (lap and diagonal) seat belts are fitted with belt tensioners.

These take effect

- in front-end and rear-end collisions in which the force of the collision exceeds a predetermined level
- when the restraint systems are operational, see notes on the **SRS** indicator lamp (▷ page 51)

The front-passenger belt tensioner will only be triggered if the passenger seat is actually occupied.

Belt tensioners tension the seat belts in an accident, pulling them close against the body. Belt force limiters reduce the belt force on the occupants when an impact occurs.

Risk of injury



If the belt tensioners are triggered, have them replaced at a qualified specialist workshop which has the necessary specialist knowledge and tools for the required work. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Comply with safety regulations when disposing of belt tensioners. The regulations can be viewed at any Mercedes-Benz Service Centre.



Do not place heavy objects on the front-passenger seat. The belt tensioner could otherwise be triggered in an accident.

Children in the vehicle

If a child is travelling in the vehicle:

- Secure the child in a child restraint system which is suitable for the child's age and size. The child restraint system should be one that is recommended for Mercedes-Benz, preferably on a suitable rear seat.
- Ensure that the child is strapped in throughout the trip.

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

Risk of injury

Never leave children alone in the vehicle. They could, for example, start the vehicle moving, injure themselves on moving parts or open the doors, thus endangering themselves and others.

Observe the other warnings found in this Owner's Manual concerning children in the vehicle.

Child restraint systems

Mercedes-Benz recommends that you only use the child restraint systems listed (▷ page 58).

Risk of injury

Children under 1.50 m (5 ft.) tall or under 12 years of age cannot wear the seat belts properly. They therefore require special child restraint systems for protection in an accident.

On no account should a child travel sitting on the lap of another occupant. Otherwise neither you nor the child will be protected in an accident and could be seriously or fatally injured.

Follow the manufacturer's installation instructions when fitting a child restraint system.

It is advisable to fit the child restraint system to one of the rear seats. The child is usually better protected there.

Child seats in the category "Universal" can be recognised as such by the orange approval label. The label is attached to the child seat and identifies the type of child seat.



Example of an approval label on a child seat.

Occupant safety

Suitable seat positions

Fittings for child restraint systems on individual seats – Vehicles with rear bench seat and lap belt for centre rear seat:

Weight category	Child seat on front-passenger seat	Child seat on rear seat, left or right	Child seat on centre rear seat
Category 0: up to 10 kg up to approx. 9 months	as recommended ¹	Universal ³ as recommended ⁴	not permitted
Group I: 9 to 18 kg approx. 8 months to 4 years	Universal ²	Universal ³ as recommended ⁴	recommended: Römer Prince
Group II/III: 15 kg to 36 kg approx. 3½ to 12 years	Universal ²	Universal ³ as recommended ⁴	not permitted

- 1 Only use child seats with automatic child seat recognition.
- 2 For child seats without automatic child seat recognition, move the front-passenger seat to its rearmost position.
- 3 Move the rear seat to its foremost position.
- 4 Move the rear seat to any position.

Fitting child restraint system on individual seats – Vehicles with rear bench seat and three-point seat belt for centre rear seat*:

Weight category	Child seat on front-passenger seat	Child seat on rear seat, left or right	Child seat on centre rear seat
Group 0: up to 10 kg up to approx. 9 months	as recommended ¹	Universal ³ as recommended ⁴	as recommended
Group I: 9 to 18 kg approx. 8 months to 4 years	Universal ²	Universal ³ as recommended ⁴	recommended: Römer Prince
Group II/III: 15 kg to 36 kg approx. 3½ to 12 years	Universal ²	Universal ³ as recommended ⁴	not possible

- 1 Only use child seats with automatic child seat recognition.
- 2 For child seats without automatic child seat recognition, move the front-passenger seat to its rearmost position.
- 3 Move the rear seat to its foremost position.
- 4 Move the rear seat to any position.

Occupant safety

Fitting child restraint system on individual seats – Vehicles with individual rear seats*:

Weight category	Child seat on front-passenger seat	Child seat on rear seat, left or right
Group 0: up to 10 kg up to approx. 9 months	as recommended ¹	Universal
Group I: 9 to 18 kg approx. 8 months to 4 years	Universal ²	Universal
Group II/III: 15 kg to 36 kg approx. 3½ to 12 years	Universal ²	Universal

- 1 Only use child seats with automatic child seat recognition.
- 2 For child seats without automatic child seat recognition, move the front-passenger seat to its rearmost position.

Recommended child restraint systems

Weight category	Manufacturer	Model	Approval number	DaimlerChrysler order number	Automatic child seat recognition
Group 0: up to 10 kg up to approx. 9 months	Britax Römer	Baby Safe	E1 03 301063	B6 6 86 8169	yes
Group I: 9 to 18 kg approx. 8 months to 4 years	Britax Römer	Prince	E1 03 301095	B6 6 86 8167	no ¹
				B6 6 86 8168	yes
Group II/III: 15 kg to 36 kg approx. 3½ to 12 years	Britax Römer	Duo	E1 03 301133	B6 6 86 8205	yes
	Britax Römer	Zoom	E1 03 301061	B6 6 86 8166	no ¹
				B6 6 86 8176	yes
Bingo GmbH	Rucky	E1 03 301107	B6 6 86 8180	no ¹	

- 1 For child seats without automatic child seat recognition, move the front-passenger seat to its rearmost position.

Occupant safety

Risk of injury



Only use child restraint systems recommended by Mercedes-Benz. You can obtain this information from any Mercedes-Benz Service Centre.

Only use the special Mercedes-Benz rearward-facing (Reboard) child seats on the front-passenger seat.

If other rearward-facing child seats are used on the front-passenger seat, the child may be seriously or fatally injured by the airbag inflating. For this reason, the instrument panel contains an appropriate warning symbol.

Never leave children alone in the vehicle unsupervised, even if they are secured in a child restraint system. They could open the doors or injure themselves on moving parts in the vehicle.

If you use a forward-facing child seat without automatic child seat recognition on the front-passenger seat, you must move the front-passenger seat to its rearmost position.

Do not place anything under the child seat, e.g. a cushion. The entire base of the child seat must be in contact with the seat cushion of the front-passenger seat. An incorrectly fitted child seat cannot perform its protective function in the event of an accident, and could even cause injuries.



Warning symbol for rearward-facing child seats

Automatic child seat recognition



① Airbag off warning lamp

The front-passenger seat sensor system automatically detects when a special Mercedes-Benz child seat with a transponder is fitted. If this is the case, the **AIRBAG OFF** warning lamp on the centre console lights up. The front-passenger airbag is deactivated.

Risk of injury



If the **AIRBAG OFF** warning lamp does not light up when the child seat is fitted, the front-passenger airbag is not deactivated. A child sitting in a child restraint system on the front-passenger seat could then receive life-threatening injuries. To avoid this danger, proceed as follows:

- Do not fit the rearward-facing (Reboard) child seat on the front-passenger seat. The child could otherwise be seriously or even fatally injured by the airbag inflating.
- Fit the rearwards-facing child seat on a suitable rear seat.

or

- Use a forward-facing child seat on the front-passenger seat.
In this case, the front-passenger seat must be moved to its rearmost position.

Always have the automatic child seat recognition checked at a Mercedes-Benz Service Centre which has the specialist knowledge and tools for the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.



The front-passenger sidebag, window-bag and belt tensioner remain active when the front-passenger airbag is deactivated.

Occupant safety

Integrated child seat*

The child seats are integrated on the right and left-hand sides of the rear bench seat. They meet the legally specified standard ECE-R 44.

Mercedes-Benz recommends the integrated child seat for children.

- from two to twelve years of age
- with a weight of 12.5 to 36 kg

For children aged between two and four years, or weighing between 12.5 and 18 kg, you will also need a padded table approved for the integrated child seat.

Risk of injury



Carefully observe the instructions issued by the manufacturer on securing the padded table and fastening the seat belt.

Do not modify the child seat or padded table in any way.

If the child seat is fitted and occupied, only drive the vehicle with the head restraint installed and correctly adjusted. This will reduce the risk of injury to the child in the event of an accident.

Children under two years of age require a different child restraint system. Information about other child restraint systems is available from any Mercedes-Benz Service Centre.

Always have child seats and padded tables which have been damaged or have been subjected to increased loads due to an accident replaced at a qualified specialist workshop which has the necessary specialist knowledge and tools for the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.



- ① Release catch
- ② Hook

Folding out the child seat

- ▶ Press release catch ① and press the child seat up and to the rear until it engages.

Fastening the seat belts

Fasten the seat belt for every journey.

- ▶ Guide the belt over the hips and through hooks ②.
- ▶ Click the belt tongue into the buckle.

If the child seat is being used without the padded table, make sure that the belt

- is not twisted
- is routed over the middle of your shoulder
- crosses over your hip joints as low down as possible, i.e. over your hip joints and not across your abdomen.

- does not pass around your neck or under your arm
- is tight across the lap – tighten by pulling the belt up in front of the upper torso
- is sitting tightly.

Folding in child seat

- Press release catch ① and press the child seat down until it engages.

Occupant safety

ISOFIX* child seat securing in the rear

ISOFIX is a standardised restraint system for special child seats on the rear seats. Securing rings are provided for two child seats on the left and right-hand sides between the seat cushions and the backrest.

Risk of injury



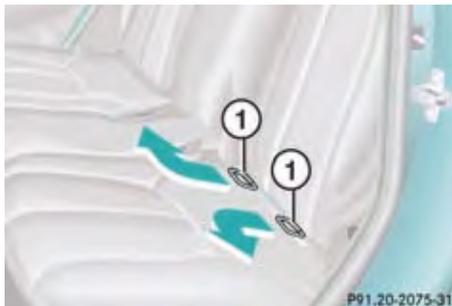
The ISOFIX child seat securing system is only approved for children weighing up to 22 kg.

Follow the manufacturer's installation instructions to the letter when fitting a child seat.

An incorrectly fitted child seat could come loose. Please check

- on vehicles with rear bench seat: before installing, that the securing ring is correctly engaged
- after installing, that the child seat is correctly engaged in the securing rings on the left and right-hand sides

Always have child seat securing systems and child seats which have been damaged or have been subjected to increased loads due to an accident replaced at a qualified specialist workshop which has the necessary specialist knowledge and tools for the work required. Mercedes-Benz recommends that you visit a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.



① Securing ring

Risk of injury



Never leave children unsupervised in the vehicle. Supervise children even when they are secured in a child restraint system.



Vehicles with individual rear seats*:

The securing rings are fixed and freely accessible.

Vehicles with rear bench seat

- ▶ Fold the backrest forwards slightly.
- ▶ Fold securing rings ① out until they engage.
- ▶ Fold the backrest back.
- ▶ For how to install the child seat, please refer to the separate installation instructions.
- ▶ Fold securing rings ① back in when you have removed the child seat again.

Occupant safety

Child-proof locks on the rear doors



- ① To secure
- ② To release
- ③ Locking knob

Securing

- ▶ Slide the locking lever down ①.
- ▶ Check that the child-proof locks are working properly.

When a door is secured, it can no longer be opened from the inside.



You can still open the door from the outside, provided locking knob ③ is up.

Releasing

- ▶ Slide the locking lever up ②.

Risk of accident



Never leave children unsupervised in the vehicle. They could open one of the front doors, even if it is locked, and thereby endanger themselves and others.

Child-proof locks for the rear side windows*



- ① Switch for child-proof locks
- ② To lock
- ③ To unlock

Risk of injury



If children are travelling in the vehicle, activate the child-proof locks for the rear side windows. Children could otherwise be injured, e.g. by becoming trapped in the window.

Locking

- ▶ Slide the switch to the right ②.

The dot becomes visible. The rear side windows can no longer be operated using the switches in the rear.



However, you can still operate the rear side windows using the switches on the centre console.

Unlocking

- ▶ Slide the switch to the left ③.

The rear side windows can again be operated using the switches in the rear.

Driving safety systems

▼ Driving safety systems

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

- ABS (Anti-lock Braking System)
- BAS (Brake Assist)
- ESP (Electronic Stability Program)



In winter road conditions, you can only achieve the maximum effect of ABS, BAS and ESP when you use winter tyres (M+S tyres), with snow chains if necessary.

Risk of accident



The risk of an accident increases:

- if you drive too fast, particularly when cornering
- on wet or slippery road surfaces
- if you drive too close to the vehicle in front

ABS, BAS and ESP cannot reduce this risk.

You should always adapt your driving style to suit the prevailing road and weather conditions.

ABS

ABS regulates brake pressure to ensure that the brakes do not lock the wheels. This ensures that the vehicle remains steerable.

ABS works at a speed of about 5 mph (8 km/h) and above, regardless of road surface conditions.

On slippery surfaces, ABS works even when you only brake gently.

The indicator lamp in the instrument cluster (▷ page 20) lights up when you turn the key to position **2** in the ignition lock. It goes out when the engine is running. This indicates that ABS is operational.

Brakes

If ABS intervenes when the brakes are applied, the vehicle will vibrate slightly. You will feel the brake pedal pulsing. This indicates that ABS is in action. You should always adapt your driving style to suit the prevailing road and weather conditions.

- ▶ When ABS is active, keep the brake pedal depressed until the braking situation has passed.

BAS

The Brake Assist system works in emergency braking situations. If you press down on the brake pedal quickly, BAS automatically boosts the braking force and thus shortens the stopping distance.

- ▶ Keep the brake pedal depressed until the emergency braking situation has passed.

BAS prevents the wheels from locking.

When you release the brake pedal, the brake will work in the usual manner again. BAS is then deactivated.

The  indicator lamp in the instrument cluster (▷ page 20) lights up when you turn the key to position **2** in the ignition lock. It goes out when the engine is running. This indicates that BAS and ESP are operational.

ESP

The Electronic Stability Program monitors driving stability and traction, i.e. the power transmission between the tyres and the road surface.

ESP recognises when a wheel starts to spin or when the vehicle starts to enter a skid. ESP then stabilises the vehicle by controlled braking of individual wheels and by limiting the engine's power output. ESP provides support in particular when pulling away on wet and slippery road surfaces.

The ESP warning lamp  will flash in the instrument cluster when ESP is in action.

Driving safety systems

The ESP warning lamp  lights up in the instrument cluster when you turn the key to position **2** in the ignition lock. It goes out when the engine is running. This indicates that ESP is operational.

Risk of accident



Proceed as follows if the  ESP warning lamp flashes in the instrument cluster:

- on no account deactivate the engine torque control.
- only depress the accelerator pedal as far as necessary when pulling away.
- ease your foot off the accelerator pedal when driving.
- adapt your style of driving to suit road conditions.

Your vehicle could otherwise start to skid.

ESP is not able to reduce the risk of an accident due to driving too fast.



The engine must not be running if

- the handbrake is being tested using a dynamometer.
- the vehicle is being towed with the rear axle raised.

Application of the brakes by ESP would otherwise damage the braking system on the front axle beyond repair.

ESP only functions properly if wheels with the recommended tyre sizes are used (▷ page 322).

Deactivating engine torque control

It may be advisable to deactivate engine torque control in the following situations:

- if snow chains are being used
- in deep snow
- on sand or gravel

The spinning wheels cut into the loose surface. The ESP warning lamp  in the instrument cluster flashes at any vehicle speed if the tyres on your vehicle have reached their tyre grip limits.

ESP will always stabilise the vehicle, even if you have deactivated engine torque control.

You can deactivate engine torque control at any speed between 0 and approx. 40 mph (0 and 60 km/h).

The switch is located on the centre console.



- ① To deactivate engine torque control
- ② To activate engine torque control

- ▶ Press upper section ① of the ASR switch.

The ESP warning lamp  in the instrument cluster lights up.

Engine torque control is deactivated.

Risk of accident



Engine torque control is deactivated when the ESP warning lamp in the instrument cluster lights up.

You should always adapt your driving style to suit the prevailing road and weather conditions.

Activating engine torque control

- ▶ Press lower section ② of the ASR switch.

The ESP warning lamp  in the instrument cluster goes out.

Engine torque control works normally again.



Engine torque control is automatically reactivated at speeds above about 40 mph (60 km/h). If you wish to deactivate it again, you must press the upper section of the ASR switch.

Anti-theft systems

▼ Anti-theft systems

Immobiliser

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

Activating

- ▶ Remove the key from the ignition lock.
The immobiliser is activated.

Deactivating

- ▶ Switch the ignition on (turn the key to position **2** in the ignition lock).
The immobiliser is deactivated.

Anti-theft alarm system (EDW)*

A visual and audible alarm is triggered if the alarm system is primed and one of the following is opened

- a door
- the tailgate
- the bonnet



The alarm remains on even if an opened door is closed again.

The alarm system will also be triggered if you unlock and open your vehicle with the key.

You can only prime the alarm system with the remote control.

Priming the alarm system

The switch is located on the centre console.



① Indicator lamp

If you lock your vehicle with the remote control, the alarm system will be primed after about 15 seconds. Indicator lamp ① in the switch flashes.

Deactivating the alarm system

The alarm system will be deactivated if you unlock your vehicle with the remote control.



The alarm system will be triggered if you unlock and open your vehicle with the key.

Switching off the alarm

- ▶ Switch the ignition on (turn the key to position **2** in the ignition lock).

The alarm is switched off.

or

- ▶ Press the  button on the remote control.

The alarm is switched off.

Anti-theft systems

Tow-away protection*

If the tow-away protection is primed and the vehicle's inclination changes, an audible alarm will sound.



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

Priming tow-away protection

If you lock your vehicle with the remote control, tow-away protection will automatically be primed after about 30 seconds.

If you unlock your vehicle with the remote control, tow-away protection will automatically be deactivated.

Deactivating tow-away protection for transport

Deactivate tow-away protection if your vehicle is to be transported or carried on another vehicle. This will prevent false alarms.

The switch is located on the centre console.



- ① To deactivate tow-away protection
- ② Indicator lamp

- ▶ Remove the key from the ignition lock.
- ▶ Press upper section ① of the switch.
Indicator lamp ② in the switch lights up briefly.
- ▶ Lock your vehicle with the remote control.

Tow-away protection remains deactivated until you lock your vehicle again using the remote control.

Interior motion sensor*

An audible and visual alarm is triggered if the interior motion sensor is primed and movement is detected inside the vehicle, e.g. if

- somebody smashes one of the side windows
- somebody reaches into the vehicle

The switch is located on the centre console.



- ① To deactivate the interior motion sensor
- ② Indicator lamp

Activating the interior motion sensor

- ▶ Close the side windows and the lamella sliding sunroof*.
- ▶ Lock your vehicle with the remote control.

The interior motion sensor is primed after approximately 30 seconds.

Do not leave anything (for example, mascots or coat hangers) hanging on the rear-view mirror or on the grab handles on the roof lining. This will prevent false alarms.

Deactivating the interior motion sensor

Deactivate the interior motion sensor if people or animals are to remain in the locked vehicle. This will prevent false alarms.

- ▶ Turn the key to position **0** or **1** in the ignition lock, or remove it.
- ▶ Press lower section ① of the switch.

Indicator lamp ② in the switch flashes briefly.

The interior motion sensor remains deactivated until you lock your vehicle again using the remote control.



Opening and closing

Seats

Lighting

Instrument cluster

Manual transmission

Manual transmission with automatic clutch system*

Automatic transmission*

Good visibility

Heating system

Air conditioning*

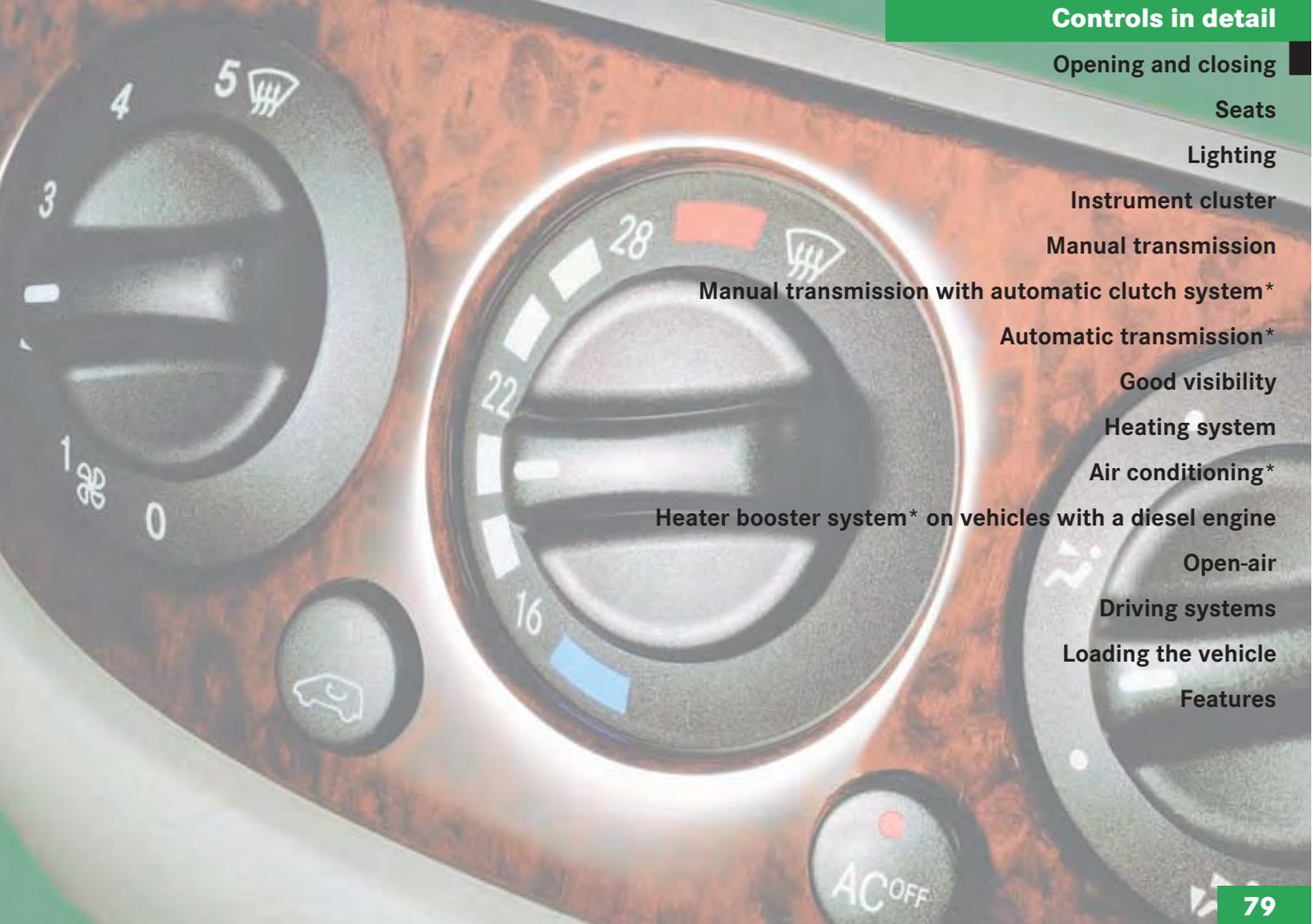
Heater booster system* on vehicles with a diesel engine

Open-air

Driving systems

Loading the vehicle

Features



Opening and closing

You will find detailed information about your vehicle's functions in the "Controls in detail" section. You will find this section most useful if you are already familiar with the basic functions of your vehicle.

If you are not yet familiar with the basic functions, the "Getting started" section will provide you with more information. You will find the reference to the appropriate part of that section at the start of each segment.

▼ Opening and closing

Key

The vehicle's equipment includes two keys.

You can lock and unlock your vehicle at the lock on the driver's or front-passenger doors. The key centrally locks and unlocks:

- the doors
- the tailgate
- the fuel filler flap



Unlocking the vehicle

- ▶ Insert the key into the door lock.
- ▶ Turn the key anti-clockwise.

The locking knobs in the doors pop up.

Locking the vehicle

- ▶ Insert the key into the door lock.
- ▶ Turn the key clockwise.

The locking knobs in the doors drop down.

Risk of accident



Never leave children unsupervised in the vehicle. They could open a locked door from the inside and thereby endanger themselves or others.

Remote control*

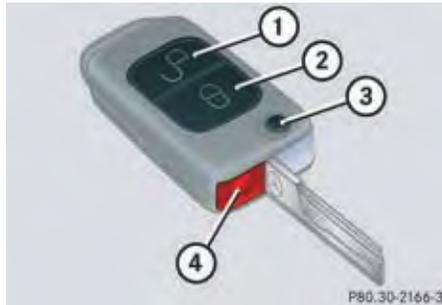
The vehicle's equipment includes two remote control units with a folding key element.

The remote control allows you to unlock the vehicle from a distance. Only use the remote control in the immediate vicinity of the vehicle to prevent theft.

The remote control centrally locks and unlocks:

- the doors
- the tailgate
- the fuel filler flap

The key allows you to lock and unlock each lock individually.



Remote control unit with folding key element

- ①  Unlocking button
- ②  Locking button
- ③  Key release button
- ④  Battery check lamp



Do not expose the remote control units to high levels of electromagnetic radiation. Doing so may cause the radio remote control to function erratically.

Opening and closing

Factory settings

Centrally unlocking

- ▶ Press the  button.

The turn signal lamps flash once.

The anti-theft alarm system* (EDW) is deactivated.

If you do not open either a door or the tailgate after you have unlocked your vehicle, it will relock itself after approximately 40 seconds.

Centrally locking

- ▶ Press the  button.

The turn signal lamps flash three times. The anti-theft alarm system* (EDW) is primed.

Make sure that the locking knobs in the doors are retracted.



If you lock the vehicle with the remote control and open a door from the inside within the space of ten seconds, all other doors, the tailgate and the fuel filler flap will remain locked.

If the driver's door is opened, you can no longer lock your vehicle with the remote control.

Risk of accident



Never leave children unsupervised in the vehicle. They could open a locked door from the inside and thereby endanger themselves or others.

Individual settings

If you frequently travel alone, you may want to change how the key functions. Pressing the  button will then unlock only the driver's door and the fuel filler flap.

- ▶ Press both the  and  buttons simultaneously for approximately five seconds until battery check lamp  flashes twice.

The key will then function as follows:

Unlocking the driver's door

- ▶ Press the  button once.

Centrally unlocking

- ▶ Press the  button twice.

Centrally locking

- ▶ Press the  button.

Restoring the factory setting

- ▶ Press both the  and  buttons simultaneously for approximately five seconds until battery check lamp  flashes twice.

Checking the battery

- ▶ Press and hold the  or  button for more than one second.

The batteries in the remote control are working if battery check lamp  lights up briefly. If it does not light up, change the batteries without delay (▷ page 270).

Opening and closing

Opening the doors from the inside

You can open a door from the inside at any time, even if it has been locked.



- ① Locking knob
- ② Inside door handle

► Pull door handle ②.

Locking knob ① pops up if the door is locked.

Locking and unlocking the tailgate



- ① To unlock
- ② To lock



Vehicles with anti-theft alarm system* (EDW):

The alarm system is triggered if the tailgate is unlocked with the key instead of the remote control.

Opening the tailgate



- ① Handle

► Pull handle ① and lift the tailgate.



The vehicle must be unlocked.

Closing the tailgate**Risk of injury**

Make sure that nobody can be trapped as you close the tailgate.

- ▶ Pull handle on recess ① and lower the tailgate.
- ▶ Hold the tailgate from the outside and close it with some force.

Risk of poisoning

The tailgate must be closed while the vehicle is being driven, otherwise exhaust fumes could be drawn into the vehicle interior.



① Recess



The rear licence plate is only properly visible when the tailgate is closed.

Opening and closing

Automatic locking

Factory settings

The doors and the tailgate lock automatically after pulling away.

You can open a door from the inside at any time, even if it has been locked. If you open a front door from the inside, your vehicle will be centrally unlocked, if you unlocked it centrally the previous time.

If you unlock your vehicle with the central locking button while the vehicle is moving, it will remain unlocked when you subsequently stop and set off again.



The doors unlock automatically in an accident if the force of the impact exceeds a predetermined level.

The vehicle automatically locks when the ignition is switched on and the vehicle is moving.

The central locking button is on the centre console.



Central locking button

Individual settings

You can deactivate the automatic locking feature.

- ▶ Switch the ignition on (turn the key to position **2** in the ignition lock).
- ▶ Press the central locking button for approximately five seconds.

Two audible signals will sound. Automatic locking is deactivated.

Restoring the factory settings

- ▶ Switch the ignition on (turn the key to position **2** in the ignition lock).
- ▶ Press the central locking button for approximately five seconds.

An audible warning signal will sound. Automatic locking is activated.

Locking and unlocking the vehicle from the inside

The vehicle can be centrally locked and unlocked from the inside with the central locking button. You can only lock the vehicle if the front doors are closed.

If you lock your vehicle with the central locking button and then open one of the front doors, your vehicle will be centrally unlocked.



You can open a door from the inside at any time, even if it has been locked.

Vehicles with radio remote control*:

If you have locked your vehicle with the remote control, you will not be able to unlock it with the central locking button.

The central locking button is on the centre console.



Central locking button

Locking and unlocking

► Press the central locking button.

Your vehicle

- is centrally locked if any of the doors was unlocked

or

- is centrally unlocked if all the doors were locked

Risk of accident



Never leave children unsupervised in the vehicle. They could open a locked door from the inside and thereby endanger themselves or others.

Seats

▼ Seats

You will find information about adjusting the seats in the "Getting started" section (▷ page 32).

Adjusting the armrest* between the front seats



① Release catch

Raising the armrest

- ▶ Fold the armrest up to the required position.

Lowering the armrest

- ▶ Press release catch ① and fold the armrest down to the required position.
Four different positions are possible.

Adjusting the height of the rear seat head restraints

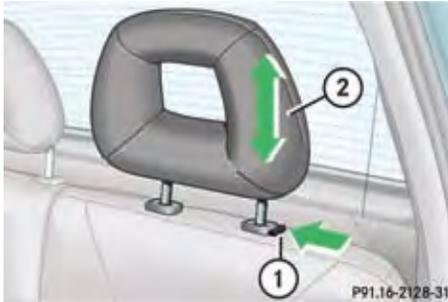


Illustration shows rear bench seat

- ① Release catch
- ② Head restraint

- ▶ Pull head restraint ② up.
- or
- ▶ Press release catch ① and press head restraint ② down.

Risk of injury



Make sure that the back of your head is supported at about eye level, as this will reduce the risk of injury to your head and neck in the event of an accident or in similar situations.

Seats

Removing and installing the head restraints

Risk of injury



Install the head restraints when the seats are occupied. This will reduce the risk of injury to the rear-seat occupants in the event of an accident.

The release catch is located on the top edge of the seat backrest.



Illustration shows driver's seat

- ① Release catch
- ② Head restraint

Removing the head restraints

- ▶ If you wish to remove the rear seat head restraints, fold the backrest forward slightly.

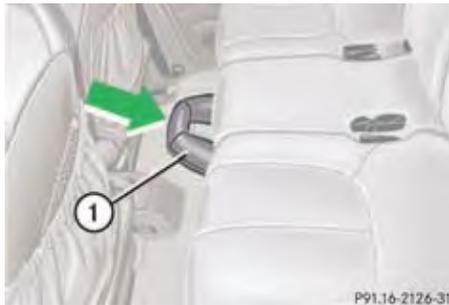
- ▶ Pull head restraint ② up as far as it will go.
- ▶ Press release catch ①.
- ▶ Pull head restraint ② out.

Installing the head restraints

- ▶ Insert the head restraint with its front side facing in the direction of travel.
- ▶ Press the head restraint down until you hear it click into place.

Stowage space for the middle head restraint (rear bench seat)

You can stow the middle head restraint under the rear seat. This will give you a better view to the rear.



① Middle head restraint

Removing

- ▶ Pull head restraint ① up slightly and pull it out.

Replacing

- ▶ Slide head restraint ① into the hole under the centre rear seat.

Position of the head restraints in rear (rear bench seat)



The head restraints must be positioned as shown in the illustration.

Seats

Adjusting the rear bench seat



① Seat fore-and-aft adjustment

② Backrest angle

Seat fore-and-aft adjustment

In order to enlarge the legroom or the luggage compartment, the rear bench seat can be freely adjusted.

- ▶ Pull handle ① up.
- ▶ Slide the seat forwards or backwards.
- ▶ Let go of handle ① again.

The seat will engage.

Backrest angle

You can adjust the backrest angle to three positions.

- ▶ Pull lever ② forwards.
- ▶ Move the backrest to the required position.
- ▶ Release lever ② and allow the backrest to engage.

Lever ② will be parallel to the backrest when it is engaged.

Adjusting individual rear seats*



① Seat fore-and-aft adjustment

- ▶ Pull handle ① up.
- ▶ Slide the seat forwards or backwards.
- ▶ Let go of handle ① again.

The seat will engage.

Adjusting the centre armrest

The centre armrest is fitted to the left-hand rear seat.



① Centre armrest

- ▶ Press centre armrest ① to the rear.
Centre armrest ① is unlocked.
- ▶ Fold centre armrest ① forwards to the stop.
- ▶ Fold centre armrest ① up to the required position.
Centre armrest ① engages.

Seats

Seat heating*

The switch is located on the centre console. The red indicator lamps in the switch indicate which heating level you have selected.



① Seat heating level 1

② Seat heating level 2

Level	
2	Both indicator lamps on. The system automatically switches over to level 1 after about five minutes.
1	One indicator lamp on. The seat heating automatically switches off after about 30 minutes.
Off	No indicator lamp on.

- ▶ Make sure that the ignition is switched on.

Switching the seat heating on

- ▶ Press ① or ② on the switch for the required heating level.

Switching the seat heating off

Heating level 1

- ▶ Press upper section ① of the switch.
The indicator lamp goes out.

Heating level 2

- ▶ Press lower section ② of the switch.
The indicator lamps go out.

▼ Lighting

You will find information about switching on the lights and indicating in the "Getting started" section (▷ page 42).

Legal requirements may impose variations in certain countries.

Light switch

The light switch is in the cockpit, between the steering column and the driver's door.



- 0** Lights off
-  Side lamps, licence plate illumination and instrument lighting on
-  Dipped-beam or main-beam headlamps on
-  Right-hand parking lamp on
-  Left-hand parking lamp on



An audible warning sounds if you remove the key from the ignition lock and open the door while the side lamps or dipped-beam headlamps are switched on.

If your journey takes you to countries in which traffic drives on the opposite side of the road to that in the country where the vehicle is registered, you must adjust your headlamps to symmetrical dipped beam or partially mask them (▷ page 219).

Switching on the front foglamps

- ▶ Make sure that the side lamps or dipped-beam headlamps are switched on.
- ▶ Pull the light switch to the first detent.

Switching on the rear foglamp

- ▶ Make sure that the dipped-beam headlamps are switched on.
- ▶ Pull the light switch to the second detent.

The yellow  indicator lamp next to the switch lights up.

Lighting

Adjusting the headlamp range

The thumbwheel for headlamp range control is on the dashboard between the steering wheel and the driver's door.

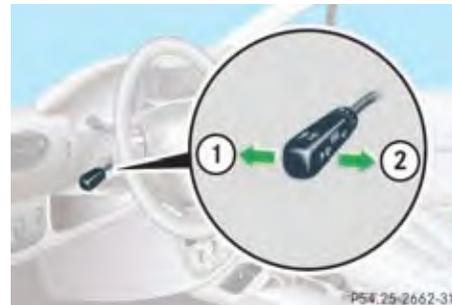


Setting	
0	Front seats occupied
1	Front and rear seats occupied or Load in the luggage compartment, up to maximum rear axle load
2	Front and rear seats occupied and load in the luggage compartment, up to maximum rear axle load
3	Not required

- ▶ Turn the thumbwheel to the setting required.

Combination switch

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



- ① Main-beam headlamps
- ② Headlamp flasher

Switching on the main-beam headlamps

- ▶ Make sure that the dipped-beam headlamps are switched on.
- ▶ Push the combination switch towards ①.

The main-beam headlamps symbol  in the instrument cluster lights up.

Headlamp flasher

- ▶ Briefly move the combination switch towards ②.

Hazard warning lamps

The hazard warning lamps still operate if the ignition is switched off.

The hazard warning lamps switch is located on the centre console.



Hazard warning lamps switch

Switching on the hazard warning lamps

- ▶ Press the hazard warning lamps switch. All turn signal lamps flash.



If you then give a turn signal, only the turn signal lamps on the appropriate side will flash.

Switching off the hazard warning lamps

- ▶ Press the hazard warning lamps switch again.

Lighting

Interior lighting



- ① Interior lights on
- ② Automatic function
- ③ Reading lamp on

Automatic control

- ▶ Set the rocker switch to central position ②.

The interior lighting switches on when you

- unlock the vehicle
- open a door
- remove the key from the ignition lock

The interior lighting has a delayed switch-off feature.

i

If you open a door, the interior lights will switch off after approximately five minutes.

Manual control

Switching the interior lights on

- ▶ Press ① on the rocker switch.
The interior lighting comes on.

Switching the interior lights off

- ▶ Set the rocker switch to central position ②.
The interior lighting is controlled automatically.

Reading lamp

Switching on

- ▶ Press ③ on the rocker switch.
The reading lamp comes on.

Switching off

- ▶ Set the rocker switch to central position ②.
The reading lamp goes out.

Switching the rear interior light on separately*



- ① To switch rear interior light on
- ② To switch rear interior light off

Switching on

- ▶ Make sure that the ignition is switched on.
- ▶ Press upper section ① of the switch.
The rear interior light comes on.



The rear interior light switches off automatically when you remove the key from the ignition lock.

Switching off

- ▶ Press lower section ② of the switch.
The rear interior light goes out if the interior lights are not switched on. It is always controlled together with the interior lighting.

Instrument cluster

▼ Instrument cluster

You will find a full overview of the instrument cluster in the "At a glance" section (▷ page 20).

You can activate the display in the instrument cluster by:

- opening the driver's door
- switching the ignition on
- pressing one of the buttons **+**, **-**, **⊖** or **000.0** in the instrument cluster (▷ page 20)
- switching the lights on

If you open a door or press one of the buttons and then do nothing else, the display will only be lit up for about 30 seconds.

Adjusting the instrument lighting

- ▶ Switch the vehicle's exterior lighting on.

Brighter

- ▶ Press the **+** button on the right of the instrument cluster.

The instrument lighting becomes brighter.

Dimmer

- ▶ Press the **-** button on the right of the instrument cluster.

The instrument lighting becomes dimmer.

Display

When you activate the display, you will see the total distance recorder and the clock.

Press buttons **+**, **-**, **⊖** and **000.0** on the instrument cluster to

- call up information about your vehicle
- make settings

Function	Page
Display and reset trip meter	101
Set the time	102
Display outside temperature	102
Check engine oil level	208
Call up ASSYST	227

Trip meter

When you activate the display, you will see the total distance recorder.

Displaying trip meter

- ▶ Briefly press selector button  on the left of the instrument cluster.

Resetting trip meter

You must be able to see the trip meter in the display.

- ▶ Press and hold the selector button  on the left of the instrument cluster until the trip meter is reset.

Speedometer

The yellow marks at 30 km/h and 50 km/h on the speedometer do not indicate the range of tolerance for speed restrictions at these speeds.



In some countries, an audible signal sounds when the vehicle reaches the maximum legally permissible speed limit, e.g. at 70 mph or 120 km/h.

Rev counter

The red band in the rev counter indicates the engine's overrevving range.



Avoid driving in the overrevving range. Doing so could damage the engine.

The fuel supply is cut off to protect the engine when the red band is reached.



On some models, it is permissible for the engine to overrev briefly (up to ten seconds).

Instrument cluster

Clock

When you activate the display, you will see the clock display.

Setting the clock

You must be able to see the time in the display.

- ▶ Press and hold the selector button  on the left of the instrument cluster until the hours reading flashes.
- ▶ Press button  or  on the right of the instrument cluster to set the hours reading.
- ▶ Briefly press selector button  on the left of the instrument cluster.

The minutes reading flashes.

- ▶ Press button  or  on the right of the instrument cluster to set the minutes reading.

- ▶ Briefly press selector button  on the left of the instrument cluster.

The time is stored.

Outside temperature display

When you activate the display, you will see the clock display.

Displaying outside temperature

- ▶ Briefly press selector button  on the left of the instrument cluster.

Risk of accident



Even if the temperature displayed is just above freezing point, the road surface may still be icy, especially in wooded areas or on bridges. Always adapt your driving style and speed to the weather conditions as this will reduce the risk of an accident.

There may be a short delay before a lower outside temperature is displayed, for example after leaving a garage.

There may also be a short delay before a rise in the outside temperature is displayed. This prevents an incorrect temperature display due to the heat dissipated from the engine when the vehicle is stationary or moving slowly.

▼ Manual transmission

You will find information about driving with the manual transmission in the "Getting started" section (▷ page 38).



Gear lever / gearshift pattern



On no account exceed the maximum engine speeds for each gear.

Changing down at too high a speed (transmission braking), can cause the engine to overspeed, which could in turn cause engine damage.

Risk of accident



The freedom of movement of the pedals must not be impaired. Do not keep any objects in the driver's footwell. Make sure that floor mats and carpets have sufficient clearance.

Never leave children unsupervised in the vehicle. They could disengage the gear that has been engaged.

Risk of skidding



Do not shift down if the maximum engine speed for the desired gear has been exceeded. The drive wheels could lock.

On a slippery surface, do not change down for additional engine braking.

Engaging reverse gear

- ▶ Move the gear lever to the right and then to the rear.



Only engage reverse gear when the vehicle is stationary, or else you could damage the transmission.

Manual transmission with automatic clutch system*

▼ Manual transmission with automatic clutch system*

You will find information about driving with the manual transmission with automatic clutch system in the "Getting started" section (▷ page 38).

When the ignition is switched on (key turned to position **2**), the clutch is automatically disengaged and engaged when you:

- move the gear lever
- pull away
- change gear
- stop the vehicle

For this reason, you do not need a clutch pedal.

If you have removed the key from the ignition lock, you must depress the brake pedal if you wish to change gear.

Our advice is to operate the brake pedal and accelerator pedal with your right foot only. This will prevent you from inadvertently depressing the brake pedal with your left foot.



Gear lever / gearshift pattern



On no account exceed the maximum engine speed for each gear.

If you depress neither the brake pedal nor the accelerator pedal, a warning signal will sound when the driver's door is opened, if the engine is running and a gear is engaged. In addition, the gear indicator will flash in the instrument cluster.

Manual transmission with automatic clutch system*

Risk of accident

Never leave children unsupervised in the vehicle. They could disengage the gear that has been engaged.

Risk of skidding

Do not shift down if the maximum engine speed for the desired gear has been exceeded. The drive wheels could lock.

On a slippery surface, do not change down for additional engine braking.

Engaging reverse gear

- ▶ Move the gear lever to the right and then to the rear.



Only engage reverse gear when the vehicle is stationary, or else you could damage the transmission.

Pulling away

If you pull away with too high a gear engaged, the gear indicator will flash in the instrument cluster, e.g. **3** and your vehicle will vibrate.

- ▶ Shift down to the lowest gear possible.



The vehicle could also vibrate if the clutch temperature is too high and you:

- pull away in 2nd gear
- stop your vehicle in 1st gear or reverse gear for longer than nine seconds on a slope without applying the brakes

Changing gear

- ▶ Take your foot off the accelerator pedal.
- ▶ Engage the gear most suitable to the current driving situation.
- ▶ Depress the accelerator pedal again.



If you shift down at too high a speed, the gear indicator, e.g. **2** will flash in the instrument cluster. The clutch will then not be engaged completely.

Manual transmission with automatic clutch system*

Manoeuvring in tight spaces

Only use a little throttle when manoeuvring, and do not pump the accelerator pedal. Only open the throttle in small amounts to control the speed properly.

On a level road surface you can also creep the vehicle forwards / backwards by carefully releasing the brake while **1st**, **2nd** or **reverse** gears is engaged.

Stopping

You can leave the gear engaged when you stop the vehicle. Apply the brakes to prevent the vehicle from rolling away.

- ▶ Depress the brake pedal.
- or
- ▶ Apply the handbrake.



Do not hold your vehicle on a slope by carefully adjusting the throttle without braking. This could damage the clutch.

Parking

Risk of accident



Do not park the vehicle with the engine running and a gear engaged. The vehicle could move away unexpectedly.



Do not turn the key to position **1** or **0** in the ignition lock so long as the vehicle is moving. The clutch would otherwise engage and your vehicle would be decelerated strongly by the engine's braking torque.

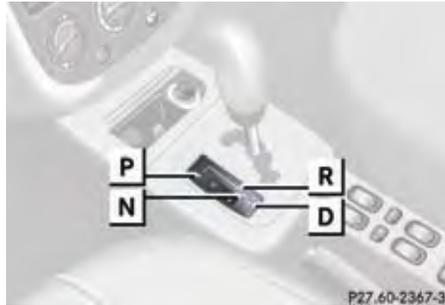
Automatic transmission*

▼ Automatic transmission*

You will find information about driving with an automatic transmission in the "Getting started" section (▷ page 38).

The transmission shift system automatically adapts to your individual driving style by continuously adjusting its shift points. These shift point adjustments take into account the current operating and driving conditions.

If the operating conditions change, the automatic transmission reacts by adjusting the gearshift program.



The individual gears are selected automatically. The gear selected depends on:

- selector lever position **D** with shift ranges **4, 3, 2** and **1**
- the drive mode selected **S** or **C** (▷ page 111)
- the position of the accelerator pedal
- the road speed

The selector lever position and the current shift range are displayed in the instrument cluster.

When the selector lever is in position **D**, you can influence the gearshifts made by the automatic transmission by

- restricting the shift range
- changing gear yourself

Automatic transmission*

Selector lever positions

	Meaning
P	Parking lock Secures the vehicle against rolling away when stopped. Only move the selector lever to P when the vehicle is stationary. You can only remove the key from the ignition lock when <ul style="list-style-type: none">• the selector lever is in position P• the brake pedal is not depressed When the ignition key is removed, the selector lever is locked in the P position.
R	Reverse gear Only move the selector lever to R when the vehicle is stationary.

	Meaning
N	Neutral No power is transmitted from the engine to the drive wheels. When you release the brakes, you can move the vehicle freely, e.g. push it, tow it or put it through a carwash. Never move the selector lever to N when the vehicle is moving. This could damage the transmission. If ESP is deactivated or malfunctioning: Only move the selector lever to N if the vehicle is about to enter a skid, e.g. on a slippery road surface.

	Meaning
D	Drive The transmission changes gear automatically. All five forward gears are available.

One-touch gearshifts

When the selector lever is in position **D**, you can change gear yourself, even on vehicles with automatic transmission.

Shifting down

- ▶ Briefly press the selector lever to the left, towards **D-**.

Doing this also restricts the shift range. The transmission will shift down at most one gear, depending on road and engine speeds.

Risk of accident



Do not change down for additional engine braking on a slippery surface. The drive wheels could lose traction and the vehicle could skid.



If you press the selector lever towards **D-** when the vehicle is travelling at too high a speed, the transmission will not shift down, thus preventing the engine from overspeeding.

Shifting up

- ▶ Briefly press the selector lever to the right, towards **D+**.

The transmission will shift into the next gear up, depending on the gearshift program. Doing this also extends the shift range.

Derestricting the shift range

- ▶ Press and hold the selector lever towards **D+** until **D** is displayed once more in the instrument cluster.

The transmission shifts from the current shift range directly to **D**.

Automatic transmission*

Shift ranges

When the selector lever is in position **D** you can restrict the transmission's shift range by pressing the selector lever briefly to the right to **D+** or to the left to **D-**.

If you press and hold the selector lever to the left or right, the range shifts to the gear currently selected. The gear currently selected is displayed in the instrument cluster.

Shift range	Meaning
4	The transmission shifts as far as fourth gear only.
3	The transmission shifts as far as third gear only. The braking effect of the engine can be used in this position.
2	The transmission shifts as far as second gear only. For braking on steep downhill gradients and for driving <ul style="list-style-type: none"> • on steep mountain roads, • in mountainous terrain, • in arduous operating conditions.

Shift range	Meaning
1	First gear For braking on extremely steep downhill gradients and long downhill stretches.

Program selector switch



① Program selector switch

S Standard For all normal driving conditions

C Comfort For comfort mode

▶ Select **C** for the comfort drive mode.

- The transmission shifts up sooner although you depress the accelerator pedal further. This means that you drive at lower engine speeds.
- The transmission changes gear less frequently.
- The transmission usually only shifts up or down by one gear.

Driving tips

Accelerator pedal position

Your style of driving influences how the automatic transmission shifts gear:

Little throttle: early upshifts

More throttle: later upshifts

Kickdown

Use kickdown for maximum acceleration.

▶ Depress the accelerator pedal beyond the pressure point.

The transmission shifts to a lower gear.

▶ Release the accelerator pedal as soon as the desired speed has been reached.

The transmission shifts back up.

Stopping

If you are only stopping briefly:

- Leave the selector lever in the drive position
- Use the brake to prevent the vehicle from moving

Good visibility

▼ Good visibility

You will find information about the wind-screen wipers and adjusting the mirrors in the "Getting started" section (▷ page 35).

Mirrors

Rear-view mirror, manual anti-dazzle



- ① Anti-dazzle lever
- ② Height adjustment

► Flick the anti-dazzle lever over.

The mirror goes into anti-dazzle mode.

Rear-view mirror, automatic anti-dazzle*

The rear-view mirror automatically goes into anti-dazzle mode if

- the ignition is switched on
- light from headlamps falls on the rear-view mirror

- the automatic function is activated

The rear-view mirror will not go into anti-dazzle mode if

- reverse gear is engaged
- the interior lighting is switched on
- the automatic function is deactivated



Deactivating automatic function

- ▶ Press button ①.

Activating automatic function

- ▶ Press button ②.



The automatic function is always activated when the ignition is switched on.

① To deactivate

② To activate

Risk of injury



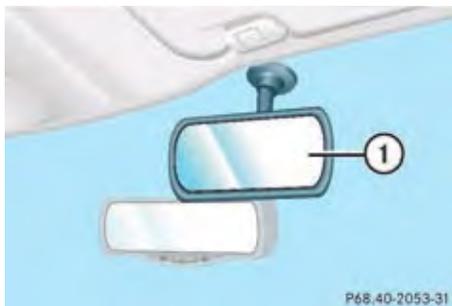
Electrolyte may escape if the glass in an automatic anti-dazzle mirror breaks.

Electrolyte is an irritant and must not be allowed to come into contact with the skin, eyes or respiratory organs.

If electrolyte comes into contact with the eyes or skin, immediately rinse thoroughly with clean water. Consult a doctor if necessary.

Good visibility

Additional rear-view mirror*



① Additional rear-view mirror

The additional rear-view mirror can be used to keep an eye on the vehicle interior.

Exterior mirrors, electrically folding*

The switch is located on the centre console.



① To fold the exterior mirrors out

② To fold the exterior mirrors in

- ▶ Make sure that the ignition is switched on.

Folding the mirrors in

- ▶ Press lower section ② of the switch.

Folding the mirrors out

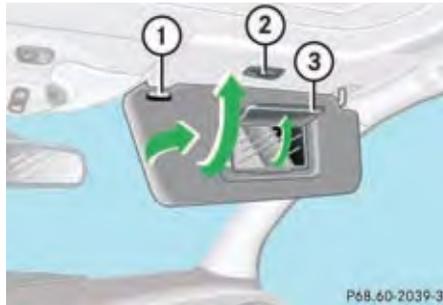
- ▶ Press upper section ① of the switch.

Sun visors

The sun visors protect you from glare as you are driving.

Risk of accident

Keep the mirrors in the sun visors covered while you are driving since dazzling light could endanger yourself and others.



- ① Retainer
- ② Mirror light*
- ③ Mirror cover

Glare from the front

- ▶ Fold the sun visor down.

Glare from the side

- ▶ Fold the sun visor down.
- ▶ Pull the sun visor out of retainer ①.
- ▶ Swing the sun visor to the side.

Mirror in sun visor

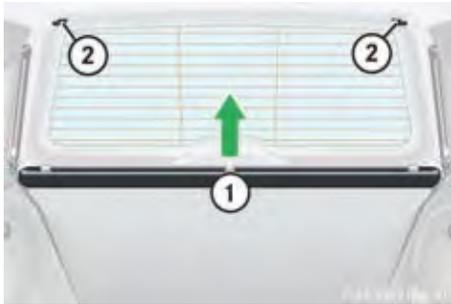
Mirror light* ② only works when the sun visor is engaged in retainer ①.

- ▶ Fold the sun visor down.
- ▶ Fold mirror cover ③ up.
Mirror light* ② comes on.

Good visibility

Rear window roller blind*

The rear window roller blind protects you against glare and heat radiation.



- ① Rear window roller blind
- ② Retainers

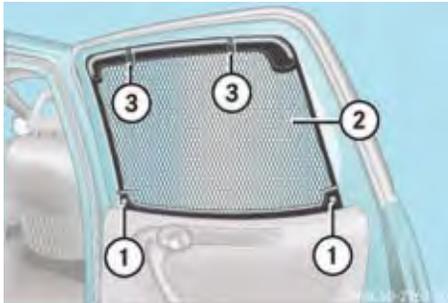
Extending the rear window roller blind

- ▶ Pull the rear window roller blind up.
- ▶ Clip the rear window roller blind into retainers ②.

Retracting the rear window roller blind

- ▶ Unclip the rear window roller blind from retainers ②.
- ▶ Guide the rear window roller blind back until it is completely rolled up.

Sunblind for the rear side windows*



- ① Eyelets
- ② Sunblind
- ③ Tabs

Installing the sunblind

- ▶ Clip eyelets ① onto the hooks on the left and right.
- ▶ Guide sunblind ② up by tabs ③.
- ▶ Clip tabs ③ into the hooks on the left and right.



You can roll the sunblind up for storage. Take care not to kink the sunblind.

Good visibility

Windscreen wipers

You will find information about the windscreen wipers in the "Getting started" section (▷ page 43).

Windscreen wipers with rain sensor*

The rain sensor controls the windscreen wipers automatically, depending on how wet the windscreen is.

- ▶ Switch the ignition on.
- ▶ Turn the combination switch to I (▷ page 44).

The windscreen wipers will sweep once – subsequent wipe intervals will depend on how wet the windscreen is.

Rear window wiper

The switch is located on the centre console.



- ① Intermittent wipe
- ② Wipe with washer fluid

- ▶ Make sure that the ignition is switched on.

Intermittent wipe

To activate

- ▶ Press upper section ① of the switch.

To deactivate

- ▶ Press upper section ① of the switch again.

Wiping with washer fluid

- ▶ Press lower section ② of the switch.

The windscreen wipers wipe with windscreen washer fluid.

Rear window heating

The rear window heating has a high current draw. You should therefore switch the rear window heating off as soon as the window is clear. The heated rear window switches off automatically after a maximum of twelve minutes.

The switch is located on the centre console.



- ① To activate
- ② Indicator lamp
- ③ To deactivate

Switching on the rear window heating

- ▶ Make sure that the ignition is switched on.
- ▶ Press upper section ① of the switch.
Indicator lamp ② in the switch lights up.

Switching off the rear window heating

- ▶ Press lower section ③ of the switch.
Indicator lamp ② in the switch goes out.

Risk of accident



Clear the rear window of ice or snow. Impaired visibility could otherwise endanger yourself and others.

Heating system

▼ Heating system

The heating system is operational when the engine is running.

The dust filter will completely retain pollen, and will retain dust particles down to a certain size.

If the interior has been heated up, ventilate the vehicle before you start a journey.

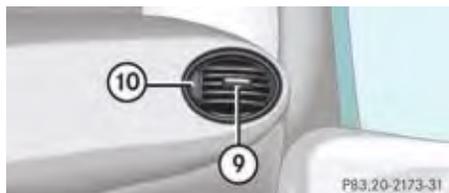
Risk of accident



Follow the settings recommended on the following pages for the heating system. Otherwise the windows could mist up, thus impairing visibility and endangering yourself and others.



Keep the air inlet between the bonnet and windscreen free from ice and snow.



①	Airflow control
②	Temperature selector control
③	Air distribution control
④	Air recirculation button
⑤	Swivelling centre air vent, left-hand side
⑥	Thumbwheel for left-hand centre air vent
⑦	Swivelling centre air vent, right-hand side
⑧	Thumbwheel for right-hand centre air vent
⑨	Swivelling side air vent
⑩	Thumbwheel for side air vent

Risk of injury

While the heating system is in operation, very hot air can flow out of the outlets in the footwell. This can cause burns to bare skin in the vicinity of the air outlets. Keep bare skin away from these air outlets. If necessary, use the air distribution control to direct the airflow away from the footwell to a different area of the vehicle interior.

Opening air vents

- ▶ Turn the required thumbwheel upwards.

Basic settings

A small amount of airflow to the windscreen and the footwells is guaranteed regardless of the setting of the air distribution control.

Basic settings for heating mode (winter)

- ① Airflow control
- ② Temperature selector control
- ③ Air distribution control

- ▶ Set airflow control ① to speed 2 or higher. The windows could otherwise mist up.
- ▶ Turn temperature selector control ② to the required setting.
- ▶ Turn air distribution control ③ to the white mark between  and .
- ▶ Close the centre air vents.
- ▶ Open the side air vents to the half-open position and direct them at the side windows.



If you wish to heat up the interior as quickly as possible, turn temperature selector control ② fully up. Turn it down as necessary when the desired temperature has been reached.

Heating system

Basic settings for ventilation mode (summer)



- ① Airflow control
 - ② Temperature selector control
 - ③ Air distribution control
- ▶ Set airflow control ① to speed 1 or higher.
 - ▶ Turn temperature selector control ② down to the blue mark.
 - ▶ Turn air distribution control ③ to .
 - ▶ Open the side and centre vents.

Maximum heat output (winter)



- ① Airflow control
 - ② Temperature selector control
 - ③ Air distribution control
- ▶ Set airflow control ① to speed 4 or higher.
 - ▶ Turn temperature selector control ② to .

- ▶ Turn air distribution control ③ to the white mark between  and .
- ▶ Open the side air vents to the half-open position and direct them at the side windows.

Special settings



You should only use special settings briefly.

Defrosting



- ① Airflow control
- ② Temperature selector control
- ③ Air distribution control

- ▶ Turn airflow control ① to
- ▶ Turn temperature selector control ② to
- ▶ Turn air distribution control ③ to
- ▶ Open the side air vents and direct them at the side windows.

Misted-up windows



- ① Airflow control
 - ② Temperature selector control
 - ③ Air distribution control
- ▶ Make sure that air-recirculation mode is not selected, so that fresh air can be fed into the vehicle.

The indicator lamp in the air recirculation button must be off. >>

Heating system

- ▶ Set airflow control ① to speed 4 or higher.
- ▶ Turn temperature selector control ② to a higher setting.
- ▶ Turn air distribution control ③ to .
- ▶ Close the centre air vents.
- ▶ Open the side air vents and direct them at the side windows.



If the airflow control is in position 0 and air-recirculation mode is selected, the vehicle interior is no longer ventilated. We advise against using this setting as the windows are liable to mist up.

Air-recirculation mode

You can switch off the flow of fresh air if unpleasant smells are entering the vehicle from outside. No more fresh air will be taken in and the air inside the vehicle will be recirculated.

Risk of accident



Only switch air-recirculation mode on for a limited period, otherwise the windows may mist up.

Switching on

- ▶ Press the  button.
The indicator lamp in the button lights up.

Switching off

- ▶ Press the  button.
The indicator lamp in the button goes out.

▼ Air conditioning*

The air conditioning system is operational while the engine is running. The vehicle is either heated or cooled, depending on the temperature selected and the outside temperature.

The combination filter retains particles of dust down to a certain size and pollen completely. Odours are also greatly reduced.

If the interior has been heated up by strong sunlight, you should ventilate it briefly before commencing a journey.

Risk of accident



Follow the settings recommended on the following pages for heating or cooling. Otherwise the windows could mist up, thus impairing visibility and endangering yourself and others.



Condensation may gather under the vehicle.



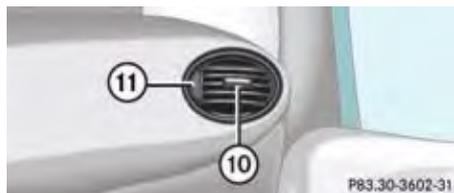
Keep the air inlet between the bonnet and windscreen free from ice and snow.

Environmental note



The air conditioning uses the refrigerant R 134 A. This refrigerant does not damage the earth's ozone layer.

Air conditioning*



- ① Airflow control
- ② Temperature selector control
- ③ Air distribution control
- ④ Air recirculation button
- ⑤ Economy mode (no cooling, no dehumidification)
- ⑥ Swivelling centre air vent, left-hand side
- ⑦ Thumbwheel for left-hand centre air vent
- ⑧ Swivelling centre air vent, right-hand side
- ⑨ Thumbwheel for right-hand centre air vent
- ⑩ Swivelling side air vent
- ⑪ Thumbwheel for side air vent

Risk of injury



While the air conditioning is in operation, very hot or very cold air can flow out of the outlets in the footwell. This can cause burns or frostbite to bare skin in the vicinity of the air outlets. Keep bare skin away from these air outlets. If necessary, use the air distribution control to direct the airflow away from the footwell to a different area of the vehicle interior.

Opening air vents

Turn the required thumbwheel upwards.

Basic settings

Basic settings for heating mode (winter)



- ① Airflow control
- ② Temperature selector control
- ③ Air distribution control

- ▶ Set airflow control ① to speed 2 or higher. The windows could otherwise mist up.
- ▶ Turn temperature selector control ② to 22 °C.
- ▶ Turn air distribution control ③ to the white mark between  and .
- ▶ Close the centre air vents.
- ▶ Open the side air vents to the half-open position and direct them at the side windows.

Basic settings for cooling mode (summer)



- ① Airflow control
 - ② Temperature selector control
 - ③ Air distribution control
- ▶ Turn airflow control ① to speed 1 or higher. Otherwise no cooling will be achieved.
 - ▶ Turn temperature selector control ② to 22 °C.
 - ▶ Turn air distribution control ③ to .
 - ▶ Open the side and centre vents.

Air conditioning*

Special settings



You should only use special settings briefly.

Defrosting



- ① Airflow control
- ② Temperature selector control
- ③ Air distribution control

- ▶ Turn airflow control ① to
- ▶ Turn temperature selector control ② to
- ▶ Turn air distribution control ③ to
- ▶ Close the centre air vents.
- ▶ Open the side air vents and direct them at the side windows.

Misted-up windows

Windows misted on the inside

The humid air is automatically dried.



- ① Airflow control
 - ② Temperature selector control
 - ③ Air distribution control
- ▶ Make sure that air-recirculation mode is not selected, so that fresh air can be fed into the vehicle.
The indicator lamp in the air recirculation button
 - ▶ Set airflow control ① to speed 3 or higher.
 - ▶ Turn air distribution control ③ to

Windscreen misted-up on the outside

- ① Airflow control
 - ② Temperature selector control
 - ③ Air distribution control
- ▶ Switch the windscreen wiper on.
 - ▶ Turn air distribution control ③ to  or .

Air-recirculation mode

You can switch off the flow of fresh air if unpleasant smells are entering the vehicle from outside. No more fresh air will be taken in and the air inside the vehicle will be recirculated.

Risk of accident

Only switch over to air-recirculation mode briefly if the outside temperature is below 5 °C, otherwise the windows may mist up.

Selecting air-recirculation mode

- ▶ Press the  button.
- The indicator lamp in the button lights up.

Switching off air-recirculation mode

- ▶ Press the  button.
- The indicator lamp in the button goes out.

Manually selected air-recirculation mode is switched off automatically:

- after 30 minutes if the outside temperature is above about 5 °C,
- after five minutes if the outside temperature is below about 5 °C,
- after five minutes if economy mode **AC^{OFF}** is selected.

Air conditioning*

Economy mode

The air is neither cooled or dehumidified in economy mode.

Selecting economy mode

- ▶ Press the **AC^{OFF}** button.

The indicator lamp in the button lights up.



The windows are liable to mist up more quickly in economy mode. You should therefore switch off economy mode in good time.

Switching off economy mode

- ▶ Press the **AC^{OFF}** button.

The indicator lamp in the button goes out.

Heater booster system* on vehicles with diesel engine**▼ Heater booster system* on vehicles with diesel engine**

The heater booster system ensures that the vehicle interior is heated up quickly during the engine's warm-up phase.

Vehicles with heating system

- ▶ Turn the temperature control fully up to .

The heater booster is switched on. The interior will be heated up as quickly as possible.

- ▶ Turn the temperature control back down when the desired temperature has been reached.

Vehicles with air conditioning*

The heater booster system cuts in as required, depending on:

- Outside temperature
- Temperature control setting

Open-air

▼ Open-air

Opening and closing the side windows

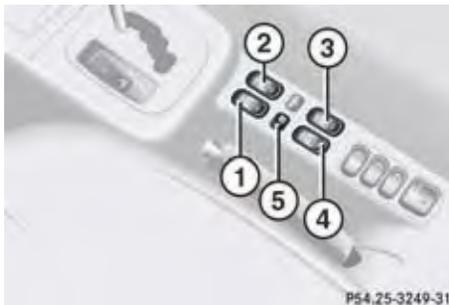
Risk of injury



Make sure that nobody can be trapped as you close a side window. Release the switch if danger threatens.

Remove the key from the ignition lock even if you are only leaving the vehicle for a short time.

Never leave children unsupervised in the vehicle. They could be injured.



Switches on the centre console

- ① Front left
- ② Front right
- ③ Rear right*
- ④ Rear left*
- ⑤ Child-proof locks for rear side windows* (▷ page 69)



Switches on the rear doors*

- ▶ Make sure that the ignition is switched on.

Opening a side window

- ▶ Press  on the switch to the pressure point.

The window will continue opening for as long as the switch is pressed.

Closing a side window

- ▶ Press  on the switch to the pressure point.

The window will continue closing for as long as the switch is pressed.

Automatically* opening and closing the side windows

The side windows can be automatically opened and closed if your vehicle is equipped with electric power windows in the front and rear.

*Automatically opening**

- ▶ Press  on the switch beyond the pressure point and release the switch.

Press the switch again to stop the side window.

*Automatically closing**

- ▶ Press  on the switch beyond the pressure point and release the switch.

Press the switch again to stop the side window.



If the upper section of the window is blocked, the window will stop closing and will open again slightly. The closing procedure is interrupted even if you keep the switch pressed on . However the window will not open again.

Resetting the side windows

If the battery has been disconnected or has gone flat, you must reset the side windows:

- ▶ Make sure that the ignition is switched on.
- ▶ Press  on the switches to the pressure point until the windows are fully up, and hold for approximately one second.

Open-air

Opening and closing the lamella sliding sunroof*

Risk of injury



Make sure that nobody becomes trapped when you close the lamella sliding sunroof. Release the switch if danger threatens.

Remove the key from the ignition lock when you leave the vehicle, even if only for a short time.



① To open

② To close

- ▶ Make sure that the ignition is switched on.

Opening the lamella sliding sunroof

- ▶ Press  on switch.

The lamella sliding sunroof will move to the ventilation position.

- ▶ Press  on the switch and hold until the desired position has been reached.

Closing the lamella sliding sunroof

- ▶ Press  on the switch and hold until the desired position has been reached or the lamella sliding sunroof is closed.

▼ Driving systems

Your vehicle's driving systems are described on the following pages:

- CRUISE CONTROL* and SPEEDTRONIC* to help you control your speed
- PARKTRONIC system* to help you when parking

Driving safety systems BAS, ABS and ESP are described in the "Safety" section (▷ page 70).

Cruise control*

Cruise control maintains the vehicle's speed for you.

Use cruise control if you wish to maintain a steady speed for a prolonged period. You can store any speed above 20 mph (30 km/h).

The cruise control lever is used to operate

- cruise control
- Speedtronic

The cruise control lever is the uppermost lever on the left-hand side of the steering column. The LIM indicator lamp in the cruise control lever shows which system you have selected:

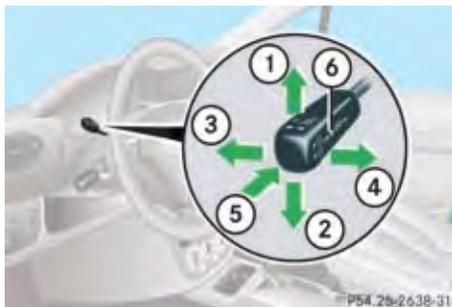
- Cruise control:
LIM indicator lamp off
- Speedtronic:
LIM indicator lamp lit

Risk of accident



Cruise control is only an aid designed to assist driving. You are responsible for the vehicle's speed and for braking in good time.

Cruise control is not able to take road and traffic conditions into consideration. Switch off cruise control, e.g. on icy roads or in fog.



- ① To store current or a higher speed
- ② To store current or a lower speed
- ③ To switch off cruise control
- ④ To resume the last speed stored
- ⑤ To switch between cruise control and Speedtronic
- ⑥ LIM indicator lamp

Selecting cruise control

- ▶ Check whether cruise control is selected. Cruise control is selected when the LIM indicator lamp is off.
- ▶ Otherwise press the cruise control lever in the direction of arrow ⑤.

The LIM indicator lamp in the cruise control lever is off. Cruise control is selected.

Storing the current speed

- ▶ Accelerate / decelerate the vehicle to the desired speed.
- ▶ Briefly press the cruise control lever up or down and take your foot off the accelerator pedal.

Cruise control is active and the current speed is stored.



Cruise control may be unable to maintain the stored speed on uphill or downhill gradients. The stored speed is resumed when the gradient evens out.

Vehicles with manual transmission:

- Always drive with sufficient, but not too high an engine speed
- Change gear in good time
- If possible, when downshifting do not skip gears
- When you change gear, depress the accelerator pedal lightly – this will make the gear change smoother.

When you depress the clutch pedal and engage a different gear, the engine speed may surge slightly for so long as no gear is engaged.

Setting a lower speed

- ▶ Press and hold the cruise control lever in the direction of arrow ② until the desired speed has been reached.
- ▶ Release the cruise control lever.
The new speed is stored.

Setting a higher speed

- ▶ Press and hold the cruise control lever in the direction of arrow ① until the desired speed has been reached.
- ▶ Release the cruise control lever.
The new speed is stored.

Fine adjustment in increments of 0.5 mph or 1 km/h**Faster**

- ▶ Briefly press the cruise control lever in the direction of arrow ①.

Slower

- ▶ Briefly press the cruise control lever in the direction of arrow ②.

Resuming a stored speed**Risk of accident**

Resume the stored speed only if you are sure that it is appropriate to the current situation. Otherwise, sudden acceleration could endanger yourself and others.

- ▶ Briefly press the cruise control lever in the direction of arrow ④ and take your foot off the accelerator pedal.
Cruise control is activated and adjusts the vehicle's speed to the last speed stored.

Driving systems

Deactivating cruise control

There are various ways of deactivating cruise control:

- ▶ Briefly press the cruise control lever in the direction of arrow ③.

Cruise control is deactivated.

or

- ▶ Apply the brakes.

Cruise control is deactivated.

or

- ▶ Briefly press the cruise control lever in the direction of arrow ⑤.

Cruise control is deactivated.

Speedtronic is selected. The LIM indicator lamp in the cruise control lever is lit.

Cruise control is automatically deactivated if

- for example, aquaplaning is detected
- you keep the clutch pedal depressed for more than four seconds on a vehicle with manual transmission
- you move the selector lever to **N** while driving (in a vehicle with automatic transmission*)



The last speed stored remains stored until the engine is restarted.

Cruise control is not deactivated if you depress the accelerator pedal. If you accelerate briefly to overtake, cruise control adjusts the vehicle's speed to the last speed stored after you have finished overtaking.

Speedtronic*

Speedtronic prevents you from exceeding a set speed. You can set a variable limit speed.

The cruise control lever is used to control

- cruise control
- Speedtronic

The cruise control lever is the uppermost lever on the left-hand side of the steering column. The LIM indicator lamp in the cruise control lever indicates which system you have selected:

- Cruise control:
LIM indicator lamp off
- Speedtronic:
LIM indicator lamp lit

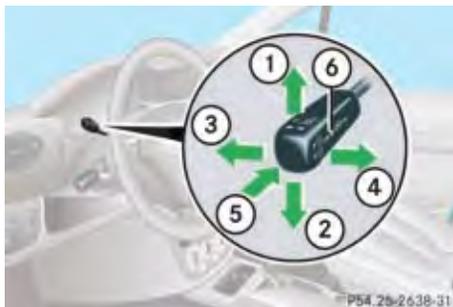
Risk of accident

Speedtronic is only an aid designed to assist driving. You are responsible for the vehicle's speed at all times.



The speed indicated in the speedometer may differ slightly from the limit speed set.

Driving systems



- ① To store current or higher speed, rounded up to the next multiple of ten km/h
- ② To store current or lower speed, rounded down to the next multiple of ten km/h
- ③ To deactivate Speedtronic
- ④ To resume the variable limit speed stored
- ⑤ To switch between cruise control and Speedtronic
- ⑥ LIM indicator lamp

Activating Speedtronic

- ▶ Check whether Speedtronic is selected. Speedtronic is selected when the LIM indicator lamp is lit.
- ▶ Otherwise press the cruise control lever in the direction of arrow ⑤.

The LIM indicator lamp in the cruise control lever is lit. Speedtronic is selected.

When the engine is running, you can use the cruise control lever to limit the vehicle's speed to any speed above 18 mph (30 km/h).

Risk of accident

If there is a change of drivers, advise the new driver of the limit speed set.

Only use Speedtronic if you are sure that you will not have to accelerate suddenly to a speed above that set as the limit speed.

You are only able to exceed the set limit speed by

- deactivating Speedtronic
- depressing the accelerator pedal beyond the pressure point (kickdown).

Storing the current speed

- ▶ Briefly press the cruise control lever in the direction of arrow ①.

The displayed speed is stored.

Speedtronic rounds the speed up to the next multiple of ten km/h.

or

- ▶ Briefly press the cruise control lever in the direction of arrow ②.

The displayed speed is stored.

Speedtronic rounds the speed down to the previous multiple of ten km/h.

The instrument cluster shows:

- the stored speed
- the LIM indicator



Speedtronic may be unable to prevent the limit speed from being exceeded on downhill gradients.

In such cases

- you will hear an audible signal
- the set speed will flash in the instrument cluster

You should then apply the brakes yourself if necessary.

Driving systems

Setting a stored speed

You can set the stored speed if your current road speed differs by no more than 20 mph (30 km / h) from the speed currently stored.

- ▶ Briefly press the cruise control lever in the direction of arrow ④.

Adjustments in increments of 5 mph (10 km/h)

Higher speed

- ▶ Briefly press the cruise control lever in the direction of arrow ①.

or

- ▶ Press and hold the cruise control lever in the direction of arrow ① until the desired speed has been reached.

Lower speed

- ▶ Briefly press the cruise control lever in the direction of arrow ②.

or

- ▶ Press and hold the cruise control lever in the direction of arrow ② until the desired speed has been reached.

Fine adjustment in increments of 0.5 mph (1 km/h)

Higher speed

- ▶ Briefly press the cruise control lever in the direction of arrow ④.

or

- ▶ Press and hold the cruise control lever in the direction of arrow ④ until the desired speed has been reached.

Deactivating Speedtronic

There are various ways of deactivating Speedtronic:

- ▶ Briefly press the cruise control lever in the direction of arrow ③.

Speedtronic is deactivated.

or

- ▶ Briefly press the cruise control lever in the direction of arrow ⑤.

Speedtronic is deactivated. The LIM indicator lamp goes out. Cruise control is selected.

Speedtronic is automatically deactivated if you depress the accelerator pedal beyond the pressure point (kickdown) and the road speed differs from the set limiting speed by no more than 12 mph (20 km/h).

Driving systems

Parktronic system* (PTS)

Risk of accident



Parktronic is only an aid and may not detect all obstacles. It is unable to replace your own attentiveness.

You are responsible for safety at all times and must still pay attention to your immediate surroundings when parking and manoeuvring. Otherwise you could endanger yourself and others.

Risk of injury



Make sure that there are no people or animals in the manoeuvring range. You could otherwise cause injury to them.

Parktronic is an electronic parking aid. It provides you with a visual and audible indication of the distance between your car and an obstacle.

Parktronic is automatically activated when you switch the ignition on. Parktronic is switched off at speeds above about 10 mph (15 km/h). It cuts in again at lower speeds.

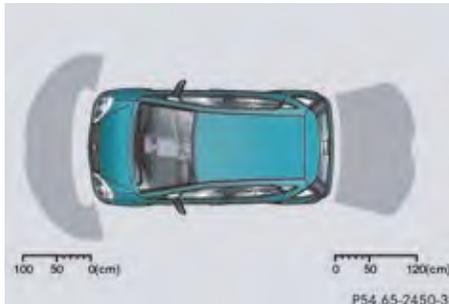
Parktronic monitors the vehicle's surroundings with four sensors in both the front and rear bumpers.



① Sensors in front bumper

Range of the sensors

The sensors must be clear of dirt, snow and slush or else they may not work correctly. Clean the sensors regularly, taking care not to scratch or damage them.



Front sensors

Middle	100 cm
Corners	80 cm

Rear sensors

Middle	120 cm
Corners	80 cm



When you are parking, pay particular attention to obstacles which are located above or below the sensors, e.g. flower pots or trailer drawbars. Parktronic cannot detect such obstacles when they are very close. You could damage the vehicle or the objects.

Sources of ultrasonic waves, e.g. the pneumatic brakes of trucks or a pneumatic hammer, could interfere with the correct operation of the Parktronic system.

Minimum distance

Middle	20 cm
Corners	20 cm

If an obstacle is detected within this range, all the warning lamps will light up and a warning signal will sound. If you move closer than the minimum distance, the distance may no longer be shown.

Warning displays

The warning displays indicate the distance between the sensor and an obstacle. The warning display for the front area is located in the cockpit, above the centre air vents. The warning display for the rear area is located in the roof lining in the rear of the vehicle.

Driving systems



Warning display for front area

- ① Left-hand side of vehicle
- ② Right-hand side of vehicle

The warning display is divided into six yellow and two red segments for each side of the vehicle. Parktronic is ready for use when the frame is lit.

The gear lever or selector lever setting determines which warning display is active.

Vehicles with manual transmission:

	Warning display
Forward gears or Neutral	Front area active
Reverse gear	Front and rear areas active

Vehicles with automatic transmission*:

Selector lever in	Warning display
D, P or N	Front area active
R	Front and rear areas active

As the vehicle approaches an obstacle, one or more segments will light up according to the vehicle's distance from the obstacle. From the 8th segment, you will hear a continuous warning signal for up to three seconds. You have now reached the minimum distance.

Switching Parktronic on / off

You can switch Parktronic off manually. The switch is located on the centre console.



- ① To switch Parktronic off
- ② Indicator lamp
- ③ To switch Parktronic on

Switching Parktronic off

- ▶ Press upper section ① of the switch. Indicator lamp ② in the switch lights up.

Switching Parktronic on

- ▶ Press lower section ③ of the switch. Indicator lamp ② in the switch goes out.



Parktronic is switched on automatically when you turn the key to position **2** in the ignition lock.

Trailer towing

When you couple up a trailer, Parktronic is deactivated for the rear area as soon as you have made the electrical connection between your vehicle and the trailer.



Remove the detachable trailer tow hitch when you do not need it. Parktronic's minimum detection range to an obstacle refers to the bumper, not to the ball coupling.



When you decouple the trailer, also disconnect the adapter for the 7-pin connector. Parktronic will otherwise remain deactivated in the rear area.

Loading the vehicle

▼ Loading the vehicle

Roof rack system* and ski holder*

Risk of accident



Observe the

- maximum roof load of 50 kg.
- manufacturer's installation instructions.

An incorrectly secured roof rack, ski holder or load could work loose.



Mercedes-Benz recommends that you only fit roof rack systems which have been tested and approved for Mercedes-Benz. This helps to prevent damage to the vehicle.



Marks on roof trim strip



Only fit the carrier at the points marked in the roof trim strip. Damage could otherwise be caused to:

- the vehicle
- the lamella sliding sunroof*, when it is fully open

Secure the load on the roof rack in such a way that your vehicle will not be damaged during the journey.

Make sure that you can still open the tailgate completely.

Tailgate rack system*

Risk of accident



Observe the

- maximum tailgate load of 35 kg
- manufacturer's installation instructions.

An incorrectly secured tailgate rack system or load could work loose.

Risk of injury



For reasons of safety, you must not open the tailgate after you have loaded the tailgate rack system. The tailgate could otherwise close unexpectedly.



Mercedes-Benz recommends that you only fit tailgate rack systems which have been tested and approved for Mercedes-Benz. This helps to prevent damage to the vehicle.



- ① Threaded bushing on inside of tailgate
- ② Threaded bushing under the licence plate

The threaded bushings are provided for screwing on the tailgate rack system bracket.

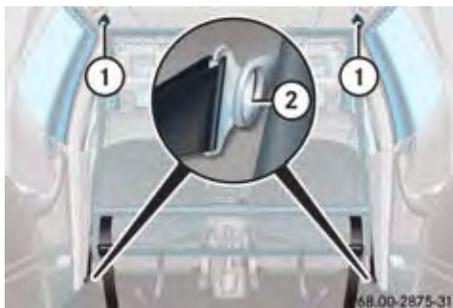


For continued use, you can leave the tailgate rack system bracket fitted under the licence plate.

Loading the vehicle

Net* for protecting vehicle occupants and securing a load

If you are transporting a load, fit the net for the protection of the vehicle occupants.



- ① Retainers
- ② Hook

Installing the net

You must install the net so that the tensioning straps point into the luggage compartment.

- ▶ Clip the net into retainers ①.
- ▶ Clip hooks ② of the tensioning straps in the retainer eyelets.
- ▶ Pull the loose end of the tensioning straps until the straps are taut. You must pull both sides evenly to prevent the net from twisting.
- ▶ After travelling a short distance, check the tension of the net and retighten as necessary.

Risk of injury



The securing straps must be pulled taut. Otherwise, objects could be thrown around the vehicle, increasing the risk of injury, in the event of

- hard braking
- a rapid change of direction
- an accident

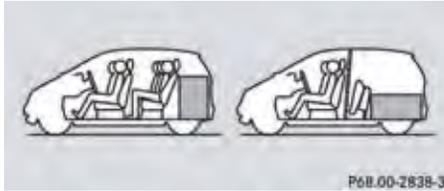


Relieve tension from the net before you adjust the front seat. After adjusting, re-tension it again.

Removing the net

- ▶ Fold the tensioning strap's tensioning elements to the horizontal.
Tension is relieved from the tensioning strap.
- ▶ Unclip hooks ② of the tensioning straps from the retainer eyelets.
- ▶ Unclip the net from retainers ①.

Loading guidelines

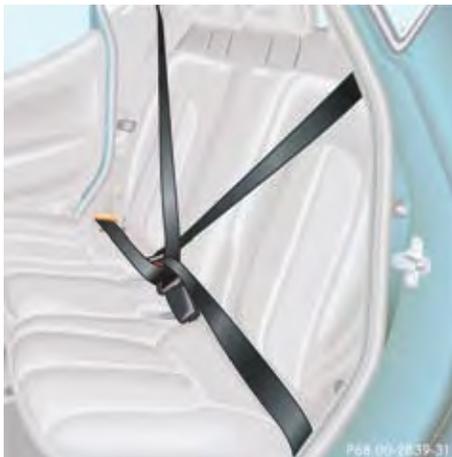


The handling characteristics of a laden vehicle depend on the distribution of the load within the vehicle. You should therefore load your vehicle as shown in the illustration.

- The maximum gross vehicle weight and the maximum permissible axle loads must not be exceeded as a result of the load, including occupants.
- Carry heavy loads at the front and bottom of the luggage compartment.

- Always position the load against the backrest or the folded seat cushion.
- Do not load higher than the upper edge of the backrest.
- Whenever possible, always carry a load behind the unoccupied seats.
- Secure your load with sufficiently strong and wear-resistant lashing material. Pad sharp edges for protection.
- Lashing material is available from any qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Loading the vehicle



- If the rear seats are unoccupied, cross the outer seat belts and insert their belt tongues in the buckle of the opposite seat.



Do not subject the floor of the luggage compartment to excessive loads at any one point. Spread the weight evenly to prevent damage. If necessary, place a sturdy board under the load.

Risk of injury



Do not carry hard or heavy objects unsecured in the vehicle interior or luggage compartment. This applies equally if the seats have been removed.

An unsecured or incorrectly positioned load will increase the risk of injury in the event of

- hard braking
- a rapid change of direction
- an accident

Even if the loading guidelines are followed to the letter, a load will increase the risk of injury in an accident.

Risk of poisoning



Only drive the vehicle with the tailgate closed. Exhaust fumes could otherwise be drawn into the vehicle.

Securing a load

Please note:

- Do not use elastic straps or nets to secure a load as these are only intended as an anti-slip protection for light loads.
- If you use a lashing strap, only use one with:
 - Minimum tensile strength
 $F_{min} = 600 \text{ daN}$
 - Relative stretch approx. 7%
- Do not route the lashing material over sharp edges or rough surfaces.
- Pad sharp edges for protection.
- Spread the load evenly between the lashing points.
- If possible, use all lashing eyelets.
- Take care not to overload the lashing eyelets if you are using a tensioning mechanism.
- Please read and comply with the instructions for use of the lashing material used.

Risk of injury



Spread the load evenly between the lashing eyelets and seat mounting cups. Comply with loading guidelines (▷ page 151).

Do not lash a load down by the rear seat catching eyes.

Loading the vehicle

Securing a load in the luggage compartment

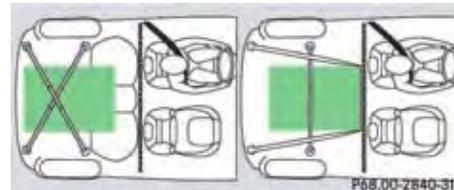
There are four lashing eyelets in the luggage compartment.



Lashing eyelets in luggage compartment

- ▶ Secure the load to the lashing eyelets or, if you have removed the seats, to the mounting cups.

Securing a load with the seats removed



Rear seat removed

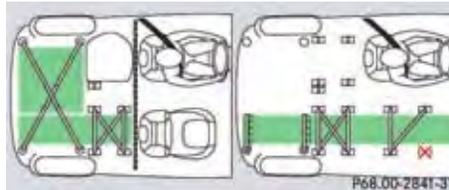
- ▶ If necessary, fit the safety net* (▷ page 150).
- ▶ Guide the lashing material in a cross pattern over the load, as shown in the illustration.
- ▶ Secure the load to the lashing eyelets or to the mounting cups.

Risk of injury

Secure the load in such a way that your ability to drive the vehicle is not affected.

Avoid any hindrance to visibility. Do not load higher than the upper edge of the door trim if the front-passenger seat has been removed.

Pad sharp edges for protection. This will reduce the risk of cuts and of worn through lashing material.

**Rear and front-passenger seats removed***

Please note:

- Do not load higher than the upper edge of the door trim.
- Position a long load to the front and low down in the front-passenger footwell.



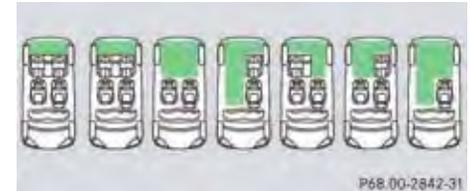
Do not secure lashing material to the front right-hand mounting cup. The contact switch for the front-passenger seat could otherwise be damaged.

Tensioning nets can be used to secure light loads

- ▶ Place the tensioning net over the load.
- ▶ Clip the hooks of the tensioning net into the lashing eyelets.

Luggage compartment variations

You can arrange the luggage compartment in a number of ways to suit your transportation requirements.



Loading the vehicle

Bicycle carrier system* for the interior

You can use the bicycle carrier system to transport up to two bicycles.

Risk of injury



Please comply with the manufacturer's installation instructions.

An incorrectly secured bicycle carrier system or the bicycle itself could become loose.

For reasons of safety, when the bicycle carrier system is installed and one or two bicycles are mounted, nobody should occupy the remaining rear seat. In the event of an accident the rear seat occupant could otherwise receive serious injuries from the bicycles.

Secure bicycles for transportation with additional lashing material. Comply with the manufacturer's instructions for use.

Unsecured bicycles will increase the risk of injury in the event of

- hard braking
- a rapid change of direction
- an accident



Mercedes-Benz recommends that you only fit bicycle carrier systems which have been tested and approved for Mercedes-Benz. This helps to prevent damage to the vehicle.



① Lashing eyelets for bicycle carrier system

- ▶ Remove the right-hand rear bench seat (> page 171) or the right-hand single rear seat* (> page 174).



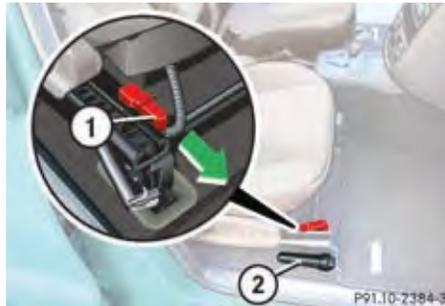
If you are transporting bicycles, you will not be able to move the front-passenger seat back fully.

Removing and installing the removable front-passenger seat*

Removing the front-passenger seat



To prevent damage, you must insert the head restraint fully before removing the front-passenger seat.



- ① Connector
- ② Lever



Do not move lever ② until you have unplugged connector ①. Forceful opening could cause damage to mechanical and electrical components.

- ▶ Move the front-passenger seat to its rearmost position.
- ▶ Unplug connector ①.

An audible warning signal will sound. The lock for lever ② is cancelled. When the engine is running, the



warning lamp flashes and the



warning lamp lights up after a short delay.

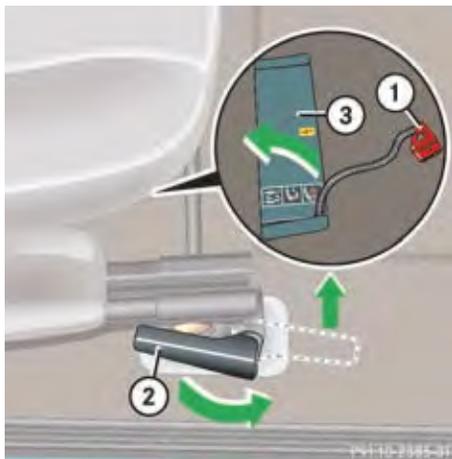
- ▶ Move the front-passenger seat to a mid-way position.

Only in this position can you remove the seat without it being tilted.

- ▶ Place connector ① under the seat in such a way that it does not become entangled in the seat frame.



Loading the vehicle



- ① Connector
- ② Lever
- ③ Cable box

- ▶ Fold lever ② forwards and pull it up.
The seat moves out of the front mounting cups.
- ▶ Hold the back of the backrest and guide the seat sideways through the open door on the front-passenger side.
- ▶ Open cable box ③ and insert connector ①.
- ▶ Close the cable box ③.

Installing the front-passenger seat

Risk of injury



The seat mounting cups must be kept free from dirt and foreign bodies to allow the front-passenger seat to engage properly.

You must make the connection on the right-hand seat rail for the front-passenger airbag to trigger in the event of an accident.

If the connection is not made, the **AIRBAG** warning lamp will flash and the **SRS** warning lamp will light up after a short delay when the engine is running.

Loading the vehicle



- ▶ Remove connector ③ from cable box ④ and place it towards the front.
- ▶ Hold the seat by the seat cushion and guide it through the open door on the front-passenger side.
- ▶ Guide the seat into position above the mounting cups.
- ▶ Set the seat hooks into the rear mounting cups ①.
- ▶ Press the seat forwards until it engages.

Lever ⑤ must return to its initial position. Only then is the seat properly engaged.

- ① Rear mounting cups
- ② Front mounting cups
- ③ Connector
- ④ Cable box
- ⑤ Lever
- ⑥ Seat transverse bar

- ▶ Guide connector ③ around seat transverse bar ⑥.
- ▶ Plug connector ③ into the coupling on the seat.

Risk of injury



Before commencing a journey, check that the seat is correctly engaged.

Loading the vehicle

Luggage compartment cover

The luggage compartment cover swings up when you open the tailgate.

Loading bulky objects

You can engage the luggage compartment cover in an upright position. It will then stay in this position, even if you close the tailgate.

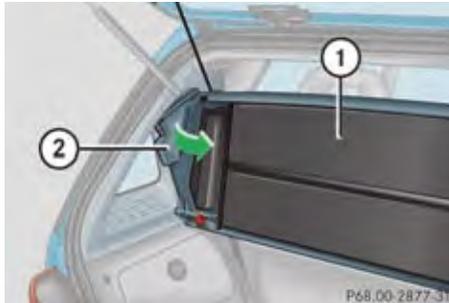


① Luggage compartment cover

Engaging the luggage compartment cover

- ▶ Fold the luggage compartment cover up until the wings on the left and right-hand sides of the luggage compartment cover engage in the triangular windows.

Disengaging the luggage compartment cover

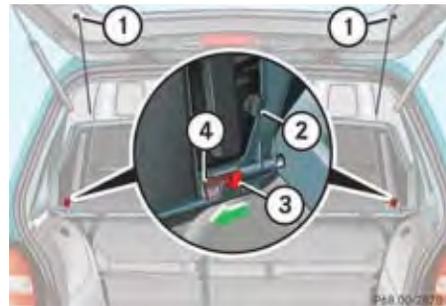


- ① Luggage compartment cover
- ② Wing

- ▶ Press the luggage compartment cover ① forwards slightly.
- ▶ Fold wings ② on the left- and right-hand sides in and pull the luggage compartment cover ① back.

Removing and installing the luggage compartment cover

Removing the luggage compartment cover

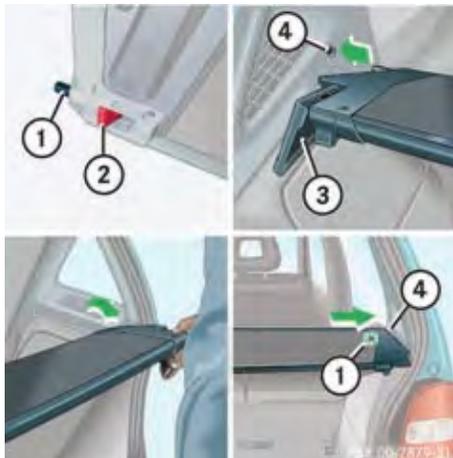


- ① Cables
- ② Anchorage for cable
- ③ Tensioning element
- ④ Detent position

- ▶ Unclip cables ① from the tailgate.
- ▶ Clip the cables onto anchorages ② on the underside of the luggage compartment cover.
- ▶ Pull tensioning element ③ in the direction of the arrow and fix it in detent position ④.
- ▶ Fold the two wings in.
- ▶ Remove the luggage compartment cover.

Loading the vehicle

Installing the luggage compartment cover



- ① Retainer pin
- ② Tensioning element
- ③ Wing
- ④ Retainer hole

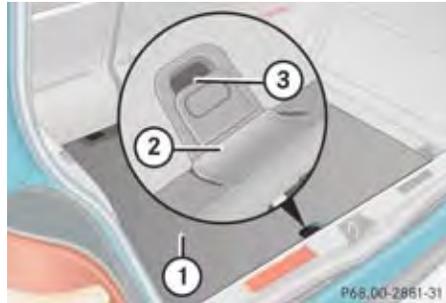
- ▶ Release the left-hand tensioning element ② and extend retainer pin ①.
- ▶ Fold the two wings ③ in.
- ▶ Guide the luggage compartment cover in, first on the left-hand side and then on the right.
- ▶ Guide the left-hand retainer pin ① into retainer hole ④.
- ▶ Release the right-hand tensioning element and guide the right-hand retainer pin ① into the retainer hole.
- ▶ Unclip the cables from the anchorages on the underside of the luggage compartment cover.
- ▶ Clip the cables onto the tailgate.

Stowage well under the luggage compartment floor

The warning triangle, vehicle tool kit, etc. are stowed away in the stowage well.

The stowage well may hold a load up to 30 kg.

Opening the luggage compartment floor



- ① Luggage compartment floor
- ② Catch
- ③ Handle

- ▶ Fold the luggage compartment cover up until the wings on the left and right-hand sides of the luggage compartment cover engage in the triangular windows (▷ page 160).
- ▶ Pull handle ③ until it is upright and fold luggage compartment floor ① up. ▷▷

Loading the vehicle



④ Retaining strap

⑤ Gas-filled strut

- ▶ Unclip retaining strap ④ from the underside of the luggage compartment floor.
- ▶ Clip the retaining strap onto gas-filled strut ⑤.

Closing the luggage compartment floor

- ▶ Unclip the retaining strap from gas-filled strut ⑤.
- ▶ Clip retaining strap ④ onto the underside of the luggage compartment floor.
- ▶ Fold the luggage compartment floor down.
- ▶ Press handle ③ down until it engages on catch ②.
- ▶ Unclip the luggage compartment cover from the triangular windows (▷ page 160).

Risk of injury



If you are transporting objects under the luggage compartment floor, the luggage compartment floor must be properly secured.

Otherwise vehicle occupants could be injured by objects being thrown around if you

- brake sharply
- change direction suddenly
- have an accident

Rear bench seat

Folding the rear seat backrest



To prevent damage, before you fold the rear seat backrest:

- insert the head restraints fully
- move the rear seat to its rearmost position
- move the front seat to its foremost position

Risk of injury



When folding the rear seat backrest forward, make sure that nobody becomes trapped.

The rear seat backrests are held in position by catching eyes and catch hooks in the event of an accident. Only the luggage nets may be secured to the catching eyes.



- ① Catch hook
- ② Catching eye

Loading the vehicle

Folding the rear seat backrest forward



- ① Belt retainer
- ② Lever

- ▶ Hook the seat belt into belt retainer ①.
- ▶ Pull lever ② forwards and fold the backrest down.

Folding the rear seat backrest back

- ▶ Pull lever ② and fold the backrest back.
- ▶ Release lever ② and allow the backrest to engage.

The lever will be parallel to the backrest when it is engaged.

Risk of injury



If the rear seats are occupied, make sure that the rear seats and the rear seat backrests are engaged.

Folding the rear seats



To prevent damage, before you fold the rear seats:

- insert the head restraints fully
- move the rear seat to its rearmost position
- move the front seat to its foremost position
- the stowage box* under the rear seat must be closed



If you intend to use the locking strut, the outer head restraints must be removed. For notes on using the locking strut (▷ page 168).

Risk of injury

If you intend to fold a section of the rear bench seat forward, you must use the locking strut if the other section is to be used for carrying people.

When folding the rear seats, make sure that nobody becomes trapped.

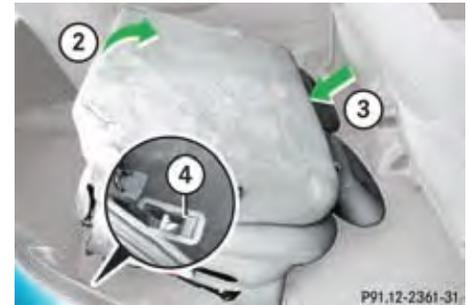
Folding the rear seats forward

- ▶ Fold the rear seat backrest forwards (▷ page 166).



① Lever

- ▶ Pull lever ①.
- ▶ Lift the rear seat up and fold it forwards.



- ② Fold forwards
- ③ Hold steady
- ④ Mounting cups

- ▶ If you wish to fold the 2/3 rear seat forwards, hold the seat steady under the backrest ③.

This will prevent contact between the head restraint and the cup holder.

Loading the vehicle

Folding the rear seat back

Risk of injury



The seat mounting cups must be kept free from dirt and foreign bodies to allow the rear seats to engage properly.

- ▶ Remove all objects from the extended loading area.
- ▶ If necessary, remove all foreign bodies and dirt from the seat mounting cups.

- ▶ Fold the rear seat back until it engages.

The seat is correctly engaged when you cannot see the red mark between lever ① and the vehicle floor.

- ▶ Fold the rear seat backrest back (▷ page 166).

Risk of injury



If the rear seats are occupied, make sure that the rear seats and the rear seat backrests are engaged.

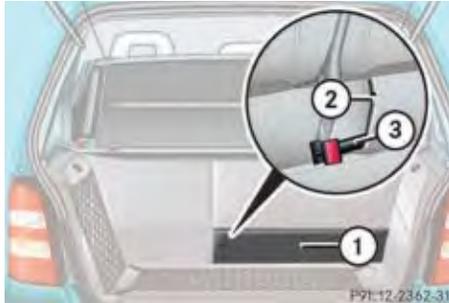
Securing the rear bench seat against folding back

Risk of injury



If you intend to fold a section of the rear bench seat forward, you must use the locking strut if the other section is to be used for carrying people.

The locking strut is located on the 2 / 3 rear seat.



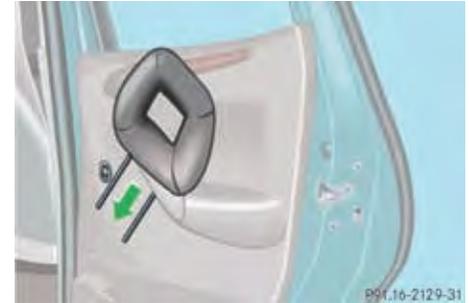
- ① Pocket
- ② Zip fastener
- ③ Locking strut

- ▶ Open zip fastener ② and remove locking strut ③ from pocket ①.



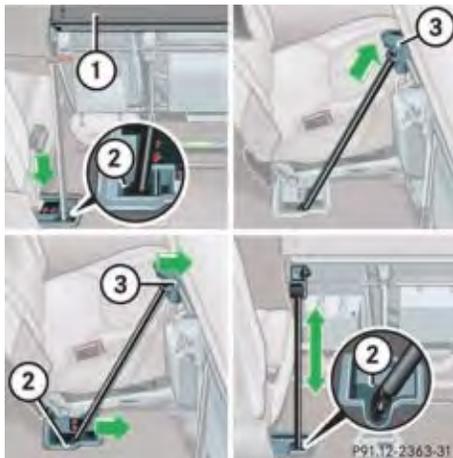
You may also remove locking strut ③ when the rear bench seat is folded up slightly. Locking strut ③ is tensioned by pocket ① when it is folded right up.

- ▶ Fold the rear seat backrests forward slightly and remove the outer head restraint (▷ page 90).



- ▶ Slide the removed head restraint into the closing handle in the rear door. ▷▷

Loading the vehicle



- ① Pocket
- ② Mounting cup
- ③ Seat mounting

- ▶ Guide the bottom of the locking strut by the eyelet into mounting cup ② until it is on the floor.

Do not yet clip the eyelet onto the pin in the mounting cup.

- ▶ Press the top of the seat forwards slightly.
- ▶ Position the retaining lug at the top of the locking strut into seat mounting ③.
- ▶ Press the eyelet at the bottom of the locking strut onto the pin in mounting cup ②.



The red contact areas at the top of the locking strut and on the seat mounting must be aligned with each other.

Removing and installing the rear bench seat

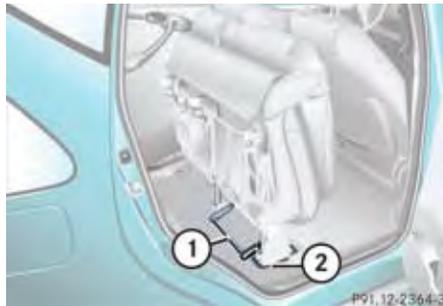
If required, you can remove the rear seats individually.

Removing the rear seats



To prevent damage, before you remove the rear seats:

- move the rear seat to its rearmost position
 - remove the outer head restraints (▷ page 90)
 - remove the stowage boxes from under the rear seats (▷ page 179)
- ▶ Fold the rear seat backrest forwards (▷ page 166).
 - ▶ Fold the rear seat forwards (▷ page 167).



- ① Lever
- ② Front mounting cups

- ▶ Pull lever ① up and tilt the seat slightly forwards.

The lever will engage.

- ▶ Remove the seat.



Do not adjust a seat while it is removed as this will make it more difficult to install.



To avoid damaging the seat frame, a seat which has been removed should not

- be sat upon
- have heavy objects placed upon it

Loading the vehicle

Installing the rear seats



You must not interchange the rear seats when you install them as their mounting dimensions are different.

Risk of injury



The seat mounting cups must be kept free from dirt and foreign bodies to allow the rear seats to engage properly.

- ▶ If necessary, remove all foreign bodies and dirt from the seat mounting cups.

- ▶ Check whether lever ① is engaged in the upper position. If this is not the case:
 - ▶ Pull lever ① up until it engages.
- ▶ Guide the seat into the front mounting cups ②.

Lever ① then folds down to the vehicle floor.

The red marks must be completely hidden – only then is the seat correctly engaged. If necessary, repeat the entire engagement process.

- ▶ Fold the rear seat back until it engages (▷ page 168).
- ▶ Fold the rear seat backrest back until it engages (▷ page 166).
- ▶ Install the head restraints (▷ page 90).

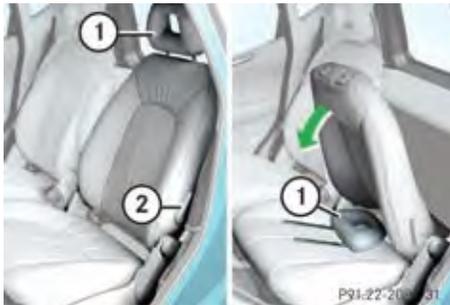
Risk of injury



If the rear seats are occupied, make sure that the rear seats and the rear seat backrests are engaged.

Individual seats* in rear

Folding the rear seat backrest

Folding the rear seat backrest forwards

- ① Head restraint
- ② Lever

- ▶ Pull lever ② forwards and fold the backrest slightly forwards.
- ▶ Remove head restraint ① (▷ page 90).
- ▶ Place the head restraint on the seat cushion.
- ▶ Fold the backrest forwards until it engages.

Folding the rear seat backrest back

- ▶ Press the front of the seat down slightly.
The backrest is unlocked.
- ▶ Fold the backrest back slightly and install the head restraint.
- ▶ Fold the backrest back until it engages.

Risk of injury



If the rear seats are occupied, make sure that the rear seats and the rear seat backrests are engaged.



If you are using a luggage compartment well, move the seat to its foremost position before you fold the backrest back. The luggage compartment well could otherwise be damaged.

Loading the vehicle

Removing and installing individual rear seats

If required, you can remove the rear seats individually.

Removing the rear seats



To prevent damage, before you remove the rear seats:

- move the driver's and front-passenger seats to their foremost positions
- insert the head restraints fully
- move the rear seats to a mid-way position to prevent them from being tilted



- ① Lever
- ② Front mounting cups

- ▶ Fold lever ① forwards and pull it up.
The seat moves out of the front mounting cups ②.
- ▶ Hold the seat with one hand between the seat cushion and the backrest and the other hand at the front, below the seat cushion bowl.



③ Rear mounting cups

- ▶ Slide the seat back slightly and lift it up. The seat moves out of the rear mounting cups ③.
- ▶ Move the seat to an upright position and guide it sideways through the open door.



Do not adjust a seat while it is removed as this will make it more difficult to install.



To avoid damaging the seat frame, a seat which has been removed should not

- be sat upon
- have heavy objects placed upon it

Loading the vehicle

Installing the rear seats



You must not interchange the rear seats when you install them as their mounting dimensions are different.

To prevent damage, you must move the driver's and front-passenger seats to the foremost positions before installing the rear seats.

Risk of injury



The seat mounting cups must be kept free from dirt and foreign bodies to allow the rear seats to engage properly.

- ▶ If necessary, remove all foreign bodies and dirt from the seat mounting cups.



- ① Front mounting cups
- ② Rear mounting cups

- ▶ Hold the seat with one hand between the seat cushion and the backrest and the other hand at the front, below the seat cushion bowl.
- ▶ Move the seat to an upright position.
- ▶ Guide the seat into the vehicle from the side on which it is to be installed.



- ▶ Guide the seat into position above the mounting cups.
- ▶ Set the seat hooks into the rear mounting cups ③.
- ▶ Press the seat forwards until it engages.

Lever ① must return to its initial position. The red marks on the front mounting cups must be hidden. Only then is the seat properly engaged.

- ① Lever
- ② Front mounting cups
- ③ Rear mounting cups

Risk of injury



If the rear seats are occupied, make sure that the rear seats and the rear seat backrests are engaged.

Features

▼ Features

Stowage compartments

Risk of injury



The stowage compartments must be closed when you are storing items in them. Luggage nets cannot adequately secure heavy objects.

Otherwise vehicle occupants could be injured by objects being thrown around if you

- brake sharply
- change direction suddenly
- have an accident

Sharp-edged and fragile objects must not be transported in the luggage net.

Glove compartment



① Handle

Opening the glove compartment

- ▶ Pull handle ① and open the cover.



In the glove compartment cover there are stowage spaces for:

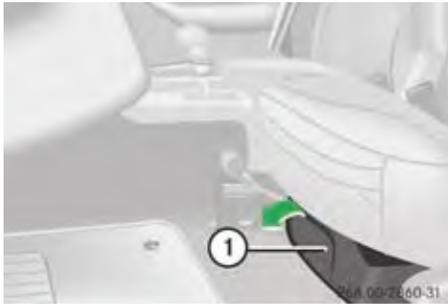
- coins
- pens
- credit and service cards

Closing the glove compartment

- ▶ Fold the lid up until it engages.

Stowage boxes* under the driver's and front-passenger seats

The stowage boxes may hold a load of up to 2.5 kg.



The illustration shows the driver's seat

① Handle

Opening the stowage box

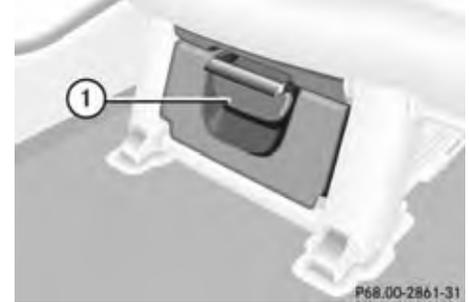
- ▶ Lift the stowage box slightly by handle ① and pull it out.

Closing the stowage box

- ▶ Slide the stowage box in until it engages.

Stowage boxes* under the rear seats

The stowage boxes may hold a load of up to 1.2 kg.



① Handle

Opening the stowage box

- ▶ Lift the stowage box slightly by handle ① and pull it out.

Closing the stowage box

- ▶ Slide the stowage box in until it engages.

Features

Stowage compartment under the armrest*



① Catch

Opening the stowage compartment

- ▶ Press catch ① and lift up the lid.

Closing the stowage compartment

- ▶ Press the lid down until it engages.

Ruffled pockets* on the front seats

Risk of injury



Do not carry hard objects in the ruffled pockets.

Objects must not protrude over the top of the ruffled pockets.



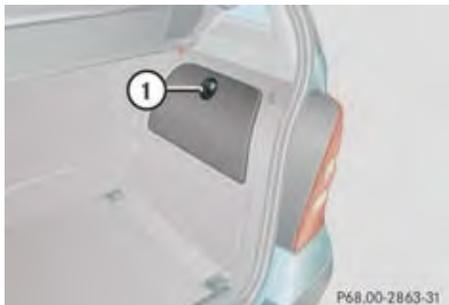
The illustration shows the driver's seat

① Ruffled pocket

Stowage compartments in the luggage compartment

There are stowage compartments on the left- and right-hand sides of the luggage compartment. They may hold a load of up to 1.5 kg.

The first-aid kit is located in the right-hand stowage compartment.

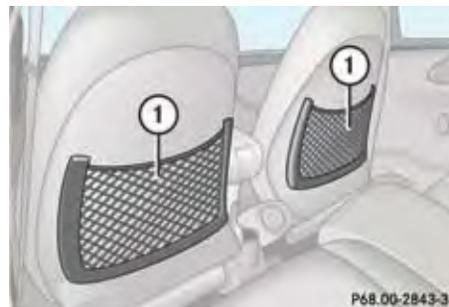


① Rotary fastener

Opening the stowage compartment

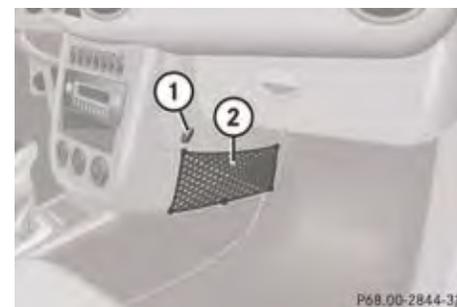
- ▶ Turn rotary fastener ① anti-clockwise.
- ▶ Fold the cover down.

Luggage net* on the driver's and front-passenger seat backrests



① Luggage nets

Luggage net* with handbag hook* in the front-passenger footwell



① Handbag hook
② Luggage net

Features

Luggage net* in the luggage compartment

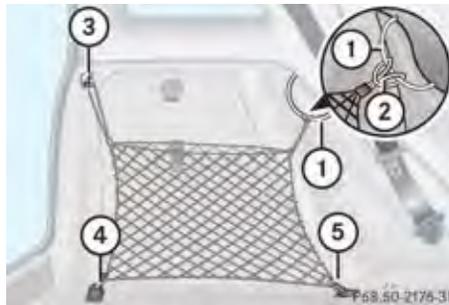


① Lashing eyelets

Installing the luggage net

- ▶ Fold lashing eyelets ① on the luggage compartment floor up.
- ▶ Clip the hooks of the luggage net into lashing eyelets ①.

Luggage net* in the side of the luggage compartment



- ① Catching eye
- ② Luggage net loop
- ③ Retainer
- ④ Rear lashing eyelet
- ⑤ Front lashing eyelet

Installing the luggage net

- ▶ Fold the rear seat backrest forwards (▷ page 173).
- ▶ Pull luggage net loop ② through catching eye ① and thread the luggage net through the loop.
- ▶ Pull luggage net loop ② tight.
- ▶ Clip the upper luggage net loop ② into retainer ③.
- ▶ Fold the two lashing eyelets ④ and ⑤ on the luggage compartment floor up.
- ▶ Clip the hooks of the luggage net into lashing eyelets ④ and ⑤.
- ▶ Fold the rear seat backrest back (▷ page 173).

Rubbish container* in the front left door



① Rubbish container

Opening the rubbish container

- ▶ Swing the lid of the rubbish container up.

Removing the rubbish container

- ▶ Pull the door pocket outwards slightly ②.
- ▶ Press the rubbish container in the direction of arrow ③.
- ▶ Remove the rubbish container upwards ④.

Installing the rubbish container

- ▶ Pull the door pocket outwards slightly ②.
- ▶ Insert the rubbish container from above.
- ▶ Press the rubbish container in the direction of the cup holder until it engages in the door pocket.

Features

Cup holder

Risk of injury

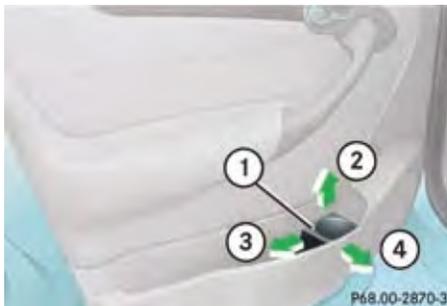


Only use the cup holder for unbreakable containers of the correct size and do not use it for hot drinks. In this way you will avoid cuts and scalding.

Cup holder between the front seats



Cup holder* in the door pockets



① Cup holder

Removing the cup holder

- ▶ Pull the cup holder ① up slightly ② and to the rear ③.
- ▶ Pull the door pocket outwards slightly ④.
- ▶ Remove the cup holder ① upwards.

Multi-function armrest* for the rear seats

The multi-function armrest can be used for storing small items of luggage or provisions. You can install the multi-function armrest in the middle of the rear bench seat or use it as a carrying case.

Installing the multi-function armrest

Risk of injury

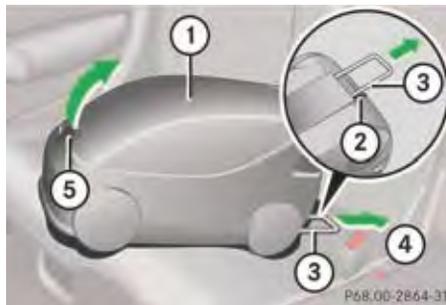


Only use the additional securing strap for securing the multi-function armrest. The securing strap is not suitable for restraining vehicle occupants in the event of an accident.

Before each journey, make sure that the multi-function armrest is secured with the additional securing strap and that the ring is fully extended. The lid of the multi-function armrest must remain closed throughout the journey.

Vehicle occupants could otherwise be injured by objects from the multi-function armrest being thrown around the vehicle in the event of

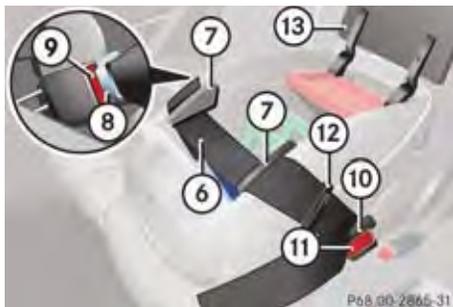
- hard braking
- a rapid change of direction
- an accident



- ① Multi-function armrest
- ② Tab
- ③ Ring
- ④ To fit
- ⑤ To open lid

- ▶ Unclip the carrying strap from multi-function armrest ①.
- ▶ Press tab ② and pull ring ③ out to the stop.
- ▶ Position multi-function armrest ① in the middle of the rear bench seat.
- ▶ Slide multi-function armrest ① against the rear seat backrest. Make sure that ring ③ slides in between the seat and backrest ④.
- ▶ Press catch ⑤ and open the lid. >>

Features



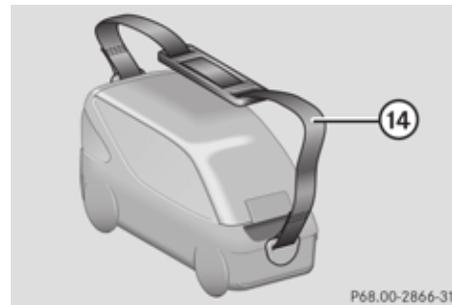
- ⑥ Additional securing strap
- ⑦ Catch
- ⑧ Right-hand belt tongue
- ⑨ Right-hand belt buckle
- ⑩ Left-hand belt tongue
- ⑪ Left-hand belt buckle
- ⑫ Belt clip
- ⑬ Cover

- ▶ Guide additional securing strap ⑥ under catches ⑦.
- ▶ Click belt tongue ⑧ into buckle ⑨.
- ▶ Click belt tongue ⑩ into buckle ⑪.
- ▶ Tighten additional securing strap ⑥ and guide it into belt clip ⑫.
- ▶ Close cover ⑬.



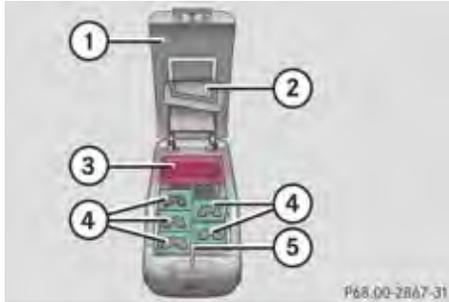
Remove the multi-function armrest by reversing the above procedure.

Carrying the multi-function armrest



- ⑭ Carrying strap
- ▶ Clip the carrying strap ⑭ into the recesses in the multi-function armrest.

Possible uses for the multi-function armrest



- ① Cover
- ② Pocket
- ③ Stowage compartment
- ④ Transverse inserts
- ⑤ Lengthways insert

- ▶ Secure pocket ② to the underside of cover ① with the Velcro fastener provided.
- ▶ Position inserts ④ and ⑤ and stowage compartment ③ as required.



You can clean the pocket as described on the attached care label.



The multi-function armrest has sufficient space for five 0.3-litre beverage cans or two 0.7-litre bottles, for example.



Cooling can be provided by means of widely available cooling blocks.

Features

Ashtray



Opening the ashtray

- ▶ Slide the roller forwards.

Removing the insert

Risk of accident



Make sure that the engine has been switched off and the handbrake is applied to prevent the vehicle from inadvertently pulling away.

- ▶ Make sure that the engine is not running and secure the vehicle to prevent it from rolling away.

- ▶ Hold the inside of the insert on both sides (arrows) and pull it out.

Cigarette lighter



① Cigarette lighter

- ▶ Make sure that the ignition is switched on.
- ▶ Slide the roller forwards.
- ▶ Press cigarette lighter ① in.

The cigarette lighter will pop out automatically when the heating element is red-hot.

Risk of injury and fire



Only hold hot cigarette lighter ① by its knob. Otherwise you may burn yourself.

Remove cigarette lighter ① if children are to be left alone in the vehicle. They could injure themselves on hot cigarette lighter ① or start a fire.



You can use cigarette lighter socket ① for accessories or for the electric air compressor.

Features

Sockets*

You can use the sockets for accessories or for the electric air compressor.

There are sockets on the centre console and on the right-hand side of the luggage compartment.

- ▶ Make sure that the ignition is switched on.
- ▶ Fold the cover up.



Socket on centre console



Socket on right-hand side luggage compartment

Umbrella* under the luggage compartment cover



- ① Retainer
- ② Umbrella

- ▶ Press retainer ① down and remove umbrella ②.

Mobile phone*

Risk of accident



Only use the telephone when road and traffic conditions permit. If you are not using the hands-free device, stop the vehicle in a suitable place if you wish to make a phone call.

Mobile phones operated in the vehicle

- without an external aerial
 - without a reflection-free external aerial
 - with an incorrectly fitted external aerial
- may interfere with the vehicle's electronics, thereby jeopardising the vehicle's operating safety and your own safety. The increased electromagnetic radiation could also endanger health.

You should therefore always have the external aerial fitted at a qualified specialist workshop which has the necessary specialist knowledge and tools for the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

A telephone bracket* can be fitted to the cockpit or in the armrest for a Nokia 6310i mobile phone. For how to open the armrest (▷ page 180).



The Nokia 6310i will only have its full range of functions if the vehicle is supplied with the control unit needed for this mobile phone. Other mobile phones may also be used with this equipment specification (▷ page 195).

Features

Inserting the mobile phone in the telephone bracket

- ▶ Remove the round cover on the back of the mobile phone.



- ① Lugs
- ② Bracket

- ▶ Slide the mobile phone in at the bottom and guide it into lugs ① in telephone bracket ②.



- ① Slide
- ② To engage mobile phone
- ③ Retainer

- ▶ Push the top section of the mobile phone in the direction of arrow ② until slide ① locks into place.

The mobile phone is connected to the hands-free device.

The battery is charged depending on its charge status and the position of the key in the ignition. The charging process is indicated in the mobile phone display.



Do not place bank cards, credit cards or other cards with magnetic strips near holder ③. The magnet in the holder could delete or change the contents of the cards.



When you remove the key from the ignition lock, the mobile phone remains switched on for approximately ten minutes (run-on time). If you make a call during this time, the mobile phone will be switched off approximately ten minutes after you have hung up.

Run-on time:

You can change the run-on time by making an additional telephone book entry on the SIM card.

For the name, enter "Nachlaufzeit" (run-on time) and for the number, enter a figure between "1" and "30" (minutes). If you do not enter a figure or you enter an invalid figure, a run-on time of approximately ten minutes will still apply.

You can read about how to make a telephone book entry in the mobile phone operating instructions.

Own number sending:

The hands-free device does not detect whether the own number sending function in the mobile phone is switched on or off. The telephone number is therefore always sent by default.

By creating an additional phone book entry on the SIM card, you can switch the own number sending function on or off:

For the name, enter "CALLID" and for the number, enter a "0" or a "1". Entering

- "0" will prevent the telephone number from being sent
- "1" will allow the telephone number to be sent.

You can read about how to make a telephone book entry in the mobile phone operating instructions.

Making a call using the telephone bracket

You can remove the mobile phone together with the telephone bracket and make a call in this way.

Removing mobile phone with telephone bracket



- ① Retainer
 - ② To remove bracket with mobile phone
 - ③ Bracket
- Pull bracket ③ with the telephone upwards ② out of holder ①.

Features

Making a telephone call

The telephone bracket contains a fully operative receiver with loudspeaker and microphone.



- ① Loudspeaker
- ② Microphone

- ▶ You can make phone calls using the telephone bracket in the same way as with a conventional receiver.



The telephone's receiver function is deactivated while the telephone is fitted in the bracket. Calls can only be made via the telephone bracket receiver.

Inserting mobile phone with telephone bracket



- ① Retainer
- ② Bracket
- ③ To insert bracket with mobile phone

- ▶ Guide bracket ② with the mobile phone into retainer fastening ③.
- ▶ Push the top of the mobile phone down until the bracket clicks into place in holder ①.

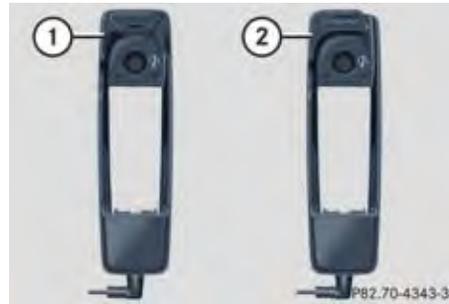
Removing mobile phone from telephone bracket



① Slide

- ▶ Press slide ① forwards and remove the mobile phone by sliding it forwards.

Telephone brackets for mobile phone



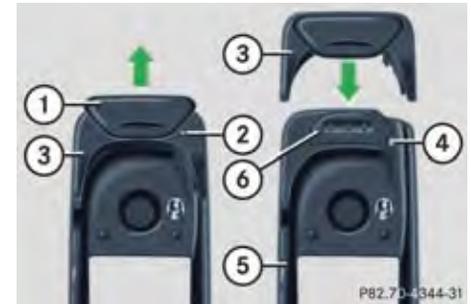
① Bracket with adapter for the following mobile phones:

Nokia 6210, Nokia 6310, Nokia 6310i

② Bracket without adapter for the following mobile phones:

Nokia 5110, Nokia 5130, Nokia 6110, Nokia 6130, Nokia 6150

Converting telephone bracket



① Slide on adapter

② Release opening

③ Adapter

④ Release catch

⑤ Bracket

⑥ Slide on bracket

Features

Removing the adapter

- ▶ Press slide ① on the adapter forwards until you can see release opening ②.
- ▶ Insert a suitable piece of wire, e.g. an unfolded paper clip, into release opening ②.
Adapter ③ will be released.
- ▶ Slide adapter ③ forwards and remove.

Replacing the adapter

- ▶ Check whether slide ⑥ is in the centre of bracket ⑤. If it is not:
 - ▶ Press release catch ④.
Slide ⑥ moves to the centre.
- ▶ Push adapter ③ onto the bracket until it clicks into place.

Mercedes-Benz telematics services

Vehicles with DynAPS (dynamic route guidance) and FCD (floating car data):

If you have registered with Mercedes-Benz telematics services, the service centre will regularly send text messages (SMS) free of charge.

If you use prepaid cards, costs will be incurred for the SMS messages. These will be deducted from the credit on your card.

Floor mats, driver's side



① Retainer pins

Risk of accident

Make sure that any floor mats or carpets being used do not cause an obstruction and are properly secured.

The floor mats must always be correctly secured with the eyelets and retainer pins ①.

Before starting a journey, check that the floor mats are secure and correct if necessary. An incorrectly secured floor mat could slip and thus impair correct operation of the pedals, e.g. by becoming entangled on the clutch pedal.



The floor mat on the front-passenger side is secured against slipping by a Velcro fastener.

Features

Comfort cover* for the head restraints



Illustration shows rear bench seat

① Comfort cover

- ▶ Pull comfort cover ① over the head restraint required.

Protective cover* for the integrated child seat



① Protective cover

- ▶ Fold the integrated child seat out (▷ page 64).
- ▶ Pull protective cover ① over the seat.
- ▶ Pull the rubber straps on the left and right under the seat.

The first 1,000 miles (1,500 km)

Refuelling

Engine compartment

Tyres and wheels

Winter operation

Driving abroad

Trailer towing*

Service

Care



The first 1,000 miles (1,500 km)

You will find detailed information about operating, maintaining and caring for your vehicle in the "Operation" section.

▼ The first 1,000 miles (1,500 km)

If you treat the engine with sufficient care from the very start, it will reward you with excellent performance for a very long period afterwards.

- You should therefore drive at varying road and engine speeds for the first 1,000 miles (1,500 km).
- Avoid heavy loads on the engine during this time, e.g. driving at full throttle. Do not exceed $\frac{2}{3}$ of the maximum permitted engine speed for each gear (red zone in the rev counter).
- Change gear in good time.
- Do not manually change down for additional braking.

Vehicles with automatic transmission*

- Try to avoid depressing the accelerator pedal beyond the pressure point (kick-down).
- Only use ranges **3**, **2** or **1** for slow driving, for example in mountainous terrain.

After 1,000 miles (1,500 km) you may gradually bring the vehicle up to full road and engine speed.

▼ Refuelling

Risk of injury



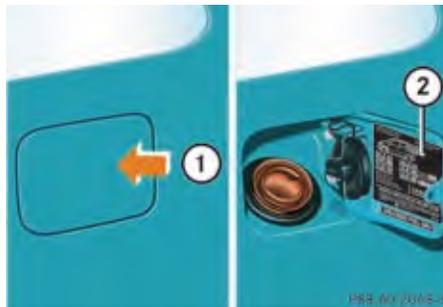
Petrol / diesel are highly flammable. Fire, naked flames and smoking are therefore prohibited when petrol / diesel are being handled.

Do not allow petrol / diesel to come into contact with the skin or clothing. Your health may be damaged if

- petrol / diesel comes into contact with your skin
- you inhale petrol / diesel fumes

You automatically lock and unlock the fuel filler flap with the key or the remote control* when you open or close the vehicle.

The fuel filler flap is on the right at the rear.



Example

- ① To open the fuel filler flap
 - ② Tyre pressure table
- ▶ Remove the key from the ignition lock.
 - ▶ Open the fuel filler flap. To do this, press on the fuel filler flap in the direction of arrow ①.

The fuel filler flap then swings out.

- ▶ Turn the fuel filler cap anti-clockwise and remove it.
- ▶ Place the filler cap in the holder on the inside of the filler flap while refuelling.
- ▶ Only fill the tank until the pump nozzle switches off.



Do not put petrol into a vehicle with a diesel engine. This would damage the fuel system. Do not mix petrol and diesel.

- ▶ Replace the fuel filler cap. Close it by turning it clockwise.
You will hear the fuel filler cap lock.
- ▶ Close the fuel filler flap.

Refuelling

Petrol (EN 228)



You will generally find information on petrol quality on the filling pump. If not, ask the petrol pump attendant.

Unleaded premium grade petrol, minimum octane number 95 RON / 85 MON for all petrol engines.



You may temporarily refuel with unleaded regular petrol with a minimum octane number of 91 RON / 82.5 MON. In this case, power output may be lower and fuel consumption higher. Avoid the use of full throttle.



Wear could be increased or damage caused to the engine if you

- use petrol that does not meet the requirements of EN 228
- use fuel additives

Leaded petrol

In countries where unleaded petrol is not available, you may refuel using leaded petrol. The intervals for changing the spark plugs are then shortened to 12,500 miles (20,000 km).

- ▶ Consult a Mercedes-Benz Service Centre before you use leaded petrol.



Leaded petrol will damage the catalytic converter.

If you exceed the interval for changing the spark plugs, this could lead to increased wear or damage to the engine.

You can obtain further information from any Mercedes-Benz Service Centre.

Diesel (EN 590)



You will generally find information on diesel quality on the filling pump. If not, ask the fuel pump attendant.

We recommend having the engine oil changed every 4,700 miles (7,500 km) in countries where diesel fuels have a sulphur content exceeding 0.5 percent by weight.



Wear could be increased or damage caused to the engine if you

- use diesel that does not meet the requirements of EN 590
- use marine diesel fuel
- use heating oils
- use vegetable oil methyl ester (PME)

Low outside temperatures

Diesel fuels with improved cold flow properties are available during the winter months to prevent operating problems.

You can use winter diesel down to about -20°C without problems.

To improve the flow characteristics, you can add kerosene or flow improvers to the diesel.

The mixing ratio depends on the type of diesel and the outside temperature. It should however be kept as small as possible.

Refuelling



Do not mix petrol and diesel. This would damage the fuel system.

- ▶ Do not add more than 50% kerosene or flow improver to the diesel.
- ▶ Only mix diesel and kerosene in a container approved for the purpose, not in the vehicle's fuel tank.
- ▶ First add the kerosene, then the diesel.

After driving for a few minutes, the mixture will have reached all parts of the fuel system.

Risk of injury



Please note that diesel is more easily ignited when it is mixed with kerosene.

Outside temperature	Summer diesel	Kerosene
-15 °C to -23 °C	80%	20%
-23 °C to -30 °C	50%	50%
Outside temperature	Winter diesel	Kerosene
-25 °C to -30 °C	80%	20%
-30 °C to -35 °C	50%	50%

▼ Engine compartment

Bonnet

Risk of accident



Do not pull the release lever while the vehicle is in motion. The bonnet could otherwise open.

Opening

The release lever is in the driver's footwell.



① To release bonnet

- Pull release lever ① in the driver's footwell.

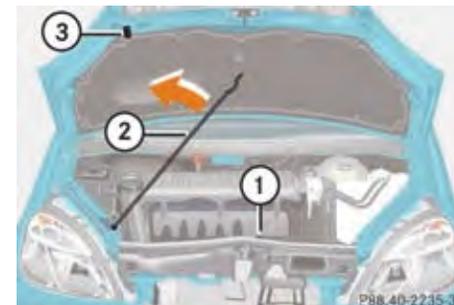
The bonnet is released.

The bonnet release handle is on the inside of the radiator grille.



① Bonnet catch

- Reach into the gap between the bonnet and the bumper.
- Press handle ① of bonnet catch up and lift the bonnet up.



- ① Retainer
- ② Support strut
- ③ Recess

- Pull support strut ② from its retainer ①.
- Swing the support strut up and guide it into recess ③.

Engine compartment



Make sure that the windscreen wipers are not folded away from the windscreen. You could otherwise damage the windscreen wipers or the bonnet.

Risk of injury



There is a risk of injury when the bonnet is open, even if the engine is not running.

Engine components can get very hot. To prevent burns, only touch those components described in the Owner's Manual, and observe the hazard avoidance instructions given.

The radiator fan may start running unexpectedly, even when the key is removed. Keep away from the area of rotation of the fan blades.

Risk of injury



Vehicles with petrol engine:

The engine has an electronic ignition system which carries a high voltage. For this reason you must never touch the ignition system components (ignition coil, ignition cables, spark plug connections, test socket) while

- the engine is running
- the engine is being started
- the ignition is switched on (key in position **2** in the ignition lock) and the engine is being cranked by hand

Closing

- ▶ Hold the bonnet securely.
- ▶ Remove support strut ② from recess ③.
- ▶ Press the support strut into its retainer ①.



- ▶ Lower the bonnet to a horizontal position and allow it to drop to.
- ▶ Check that the bonnet is properly closed.

It is not properly closed if you are able to lift the bonnet slightly. Open it again and close it with a little more force.



On no account press the bonnet down to close it. You could dent it by doing this.

Engine compartment

Engine oil

The vehicle consumes a maximum of 0.8 litres of engine oil per 620 miles (1,000 km). Oil consumption may be higher if

- the vehicle is new
- you frequently drive at high engine speeds

You will only be able to evaluate engine oil consumption after you have driven a considerable distance.

You will find further information about engine oil in the "Technical data" section (> page 337).

Checking the engine oil level

You can check the oil level on the engine oil level display or on the dipstick.

When the oil level is checked, the vehicle must

- be standing on a level surface
- be at normal operating temperature
- have been left for at least five minutes after the engine was switched off.

Engine oil level display

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ Wait for about ten seconds until the instrument cluster display shows the symbols  and .
- ▶ Press selector button  on the left of the instrument cluster twice within the space of one second.

The measurement will produce one of the following displays:

Display	
OK	The oil level is OK
-1.0L	You must add 1.0 litre of oil
-1.5L	You must add 1.5 litre of oil
-2.0L	You must add 2.0 litre of oil
HI	You must drain or siphon oil off

- ▶ Top up the engine oil as necessary.

or

- ▶ Reduce the oil level as necessary.

If too much oil has been added, there is a risk of damage to the engine or the catalytic converter.

Faulty reading

If you see the  symbol flashing in the display, a correct measurement was not possible.

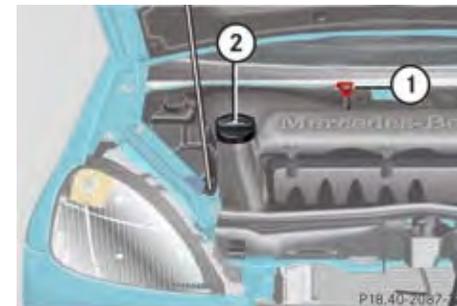
- ▶ Wait a short time and repeat the measuring procedure.



If no oil level reading is shown again, you can still check the oil level with the dipstick.

You must have the engine oil level display checked at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.

Dipstick



- ① Dipstick
- ② Filler neck

- ▶ Pull out the dipstick.
- ▶ Wipe off the dipstick.
- ▶ Insert it into the dipstick tube as far as the stop and pull it back out.

The oil level is correct if the oil level is between the lower and upper marks on the dipstick.

Engine compartment

Topping up the engine oil



- ① Dipstick
- ② Filler neck

- ▶ Unscrew the cap from filler neck ②. Make sure that you do not add too much oil.



You must have excess oil drained or siphoned off, e.g. at a Mercedes-Benz Service Centre. The engine and catalytic converter could otherwise be damaged.

- ▶ Screw the cap back onto the filler neck.

Environmental note



Take care not to spill any oil as you are topping up. Oil must not be allowed to get into the soil or waterways. You would otherwise be damaging the environment.

Automatic transmission fluid level*

You do not have to check the automatic transmission fluid level. In the event of oil loss or problems with gear shifts, have the automatic transmission checked at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Coolant

Coolant consists of water and a corrosion inhibitor / antifreeze additive.

When you check the coolant level:

- the engine must be cold
- the vehicle must be standing on a level surface

Risk of injury

The cooling system is pressurised. You should therefore only unscrew the cap when the engine has cooled down. Observe a cooling off period of about 30 minutes. You could otherwise be scalded by the hot coolant.

The expansion tank is in the front right of the engine compartment, viewed in the direction of travel.



- ① Coolant expansion tank
- ② Mark
- ③ Cap

- ▶ Slowly unscrew cap ③ by about half a turn and allow excess pressure to escape.
- ▶ Continue turning cap ③ and remove it.

- ▶ Check the coolant level.

It is correct if

- the coolant reaches mark ② in the expansion tank when the coolant is cold
 - it is approximately 2.0 cm higher when the coolant is hot
- ▶ Top up the coolant as necessary by pouring it into the filler neck.
 - ▶ Replace cap ③ by turning it to the stop.

You will find further information about coolants in the "Technical data" section (▶ page 338).

Engine compartment

Windscreen washer system

Add MB windscreen washer fluid to the water all year round to prevent smearing. Mix the windscreen washer fluid in a separate container.

Use:

- A windscreen washer additive at temperatures above freezing, e.g. MB summerwash, to prevent smears.
- A windscreen washer additive when there is a risk of frost, such as MB winterwash, to prevent the water from freezing on the windscreen.

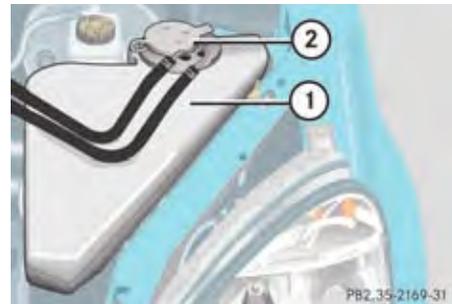
On vehicles with a heated windscreen washer system*, antifreeze protection down to about $-10\text{ }^{\circ}\text{C}$ is usually adequate.

Risk of fire



Windscreen washer concentrate is highly flammable. Fire, naked flames and smoking are therefore prohibited when you are handling windscreen washer concentrate.

The windscreen washer fluid reservoir is in the front left of the engine compartment, viewed in the direction of travel.



- ① Windscreen washer fluid reservoir
- ② Cap

You will find further information in the "Technical data" section (▷ page 340).

▼ Tyres and wheels

For reasons of safety, Mercedes-Benz recommends that you only use tyres which have been specially approved by Mercedes-Benz for your vehicle. These tyres have been specially matched to the vehicle's control systems, e.g. ABS or ESP. Mercedes-Benz is unable to accept responsibility for damage resulting from other tyres being fitted. Information on tyres may be obtained from any Mercedes-Benz Service Centre.

If you fit tyres other than those tested and recommended for Mercedes-Benz, characteristics such as handling, noise levels and fuel consumption, etc. may be adversely affected. In addition, when driving with a load, dimensional variations and different tyre deformation characteristics could cause the tyres to make contact with the bodywork and axle components. This may damage the tyre or the vehicle.



Vehicles with tyre size
205 / 45 R16 83H M0 or
205 / 40 ZR17 M0:

If you use tyres other than those approved and recommended by Mercedes-Benz, your speedometer could give a false reading. You may be driving faster than your speedometer indicates.

Retreaded tyres are not tested and recommended for Mercedes-Benz as previous damage cannot always be detected on retreaded tyres. As a result, Mercedes-Benz cannot guarantee vehicle safety.

Risk of accident



Only use wheels of a size given in the vehicle's registration document. If you fit other wheels:

- components of the wheel brakes or suspension may be damaged
- clearance for the wheels and tyres is no longer guaranteed

Modification work on the brake system and wheels is not permitted, nor is the use of spacer plates or brake dust shields. Any such modifications will invalidate the vehicle's general operating permit.

Tyres and wheels

Points to bear in mind

- Only fit tyres and wheels of the same type and make.
- Only fit tyres of the correct size onto the wheels.
- Run in new tyres at moderate speeds for the first 60 miles (100 km).
- Check the tyres and wheels regularly for damage.
- If the vehicle has been loaded, check the tyre pressures and correct them if necessary.
- Do not continue to use tyres with severely worn treads. Tyre grip decreases rapidly on wet roads where there is a tread depth of less than 3 mm.

- Fit new tyres on the front wheels first if tyres of the same size are fitted on the front and rear wheels.
- Remove the rust from corroded steel wheels and repaint them afterwards.
- Replace tyres, regardless of how worn they are, after no more than six years.



Store tyres in a cool, dry place, preferably in the dark. Protect the tyres from oil, grease and petrol.

Direction of rotation

Tyres with a specified direction of rotation offer additional benefits, e.g. with regard to aquaplaning. These benefits will only be available to you if the correct direction of rotation is observed.

An arrow on the sidewall of the tyre indicates its correct direction of rotation.



You may fit a spare wheel* in the direction opposite to that specified.

Tyre pressures

Risk of accident



If the pressure in a tyre drops repeatedly

- inspect the tyre for foreign objects
- check whether the wheel or valve is leaking.

Only correct the tyre pressures when the tyres are cold.

If the tyres are warm, only correct the pressure if it is too low for the current operating conditions. Warm tyres always have a higher pressure than cold tyres.

You will find a table of tyre pressures for different operating states on the inside of the vehicle's fuel filler flap.



Tyre pressure values given for low loads are minimum values which give you good ride comfort characteristics.

You may use the values given for higher loads. These are permissible and technically suitable for driving. However, ride comfort will be slightly affected.

Also check the pressure of the spare wheel*.

Environmental note



Check the tyre pressures regularly, at least every 14 days.

Tyre pressure changes by approximately 0.1 bar for every 10 °C change in ambient temperature. If you measure the tyre pressure indoors where the temperature differs from the outside temperature, you will have to correct the measured value accordingly.

When the vehicle is driven, the tyre temperature, and with it the tyre pressure, will increase as a function of the road speed and the load on the tyres.

Tyres and wheels

Interchanging wheels

Risk of accident



Only interchange the front and rear wheels if they have exactly the same dimensions, e.g. size, offset, etc.

The wheels may be interchanged every 3,000 to 6,000 miles (5,000 to 10,000 km), depending on the degree of tyre wear, provided that the vehicle has the same size wheels at the front and rear. When doing this retain the direction of rotation of the wheels.

The front and rear tyres wear differently, depending on the operating conditions. Interchange the wheels before too definite a wear pattern has formed on the tyres. The front tyres typically wear more on the outer shoulder, and the rear tyres in the centre of the tread.

Clean the contact area of the wheel and brake disk whenever you interchange wheels. Check the tyre pressures.

Risk of accident



After a wheel has been changed, have the tightening torque tested at a qualified specialist workshop which has the necessary specialist knowledge and tools for the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. The wheel bolts may work loose if they are not tightened with a torque of **110 Nm**.

For reasons of safety, Mercedes-Benz recommends that you only use wheel bolts which have been specially approved for Mercedes-Benz.

▼ Winter operation

At the onset of winter, have your vehicle winter-proofed at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. This service includes the following:

- Engine oil change, if the current oil has not been approved for winter use
- The antifreeze / anti-corrosion concentration will be checked
- Concentrated cleaning agent will be added to the windscreen and headlamp cleaning system fluid
- The battery will be checked
- Tyre change

Winter tyres*

Use winter tyres at temperatures below +7 °C and on snow or ice-covered roads. Only then is the maximum effect of the ABS and ESP driving systems achieved.

Use winter tyres of the same make and tread on all wheels to maintain safe handling characteristics.

Risk of accident



You must replace winter tyres with a tread depth of less than 4 mm immediately. They are no longer suitable for winter use.

Always observe the maximum permitted speed specified for the winter tyres you have fitted. If you fit winter tyres which have a lower maximum permitted speed than that of the vehicle, affix an appropriate warning sign in the driver's field of vision. You can obtain these at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Winter operation

Risk of accident



If you fit the spare wheel* when driving with winter tyres, please be aware that driving stability will be impaired owing to unstable cornering characteristics caused by the different tyres. Adapt your style of driving and drive carefully.

Have the spare wheel* replaced at the nearest qualified specialist workshop which has the necessary specialist knowledge and tools for the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Snow chains

The maximum permissible speed when driving with snow chains is 30 mph (50 km/h). Remove the snow chains as soon as possible on snow-free surfaces.



You may deactivate engine torque control to assist in pulling away with snow chains fitted (▷ page 72). This will help you to achieve a better cutting action.

If you wish to fit snow chains, please bear the following points in mind:

- Snow chains cannot be fitted on all wheel / tyre combinations.
- Fit snow chains to the front tyres only. Comply with the manufacturer's installation instructions.
- For reasons of safety, Mercedes-Benz recommends that you only use snow chains which have been approved for Mercedes-Benz.

▼ Driving abroad

An extensive network of Mercedes-Benz Service Centres is also at your disposal when you are travelling abroad. You may obtain the appropriate workshop directories from any Mercedes-Benz Service Centre.

In some countries, only fuel with a lower octane number is available.

You will find further information about fuel quality in the "Operation" section (▷ page 201).

Symmetrical dipped-beam headlamps

If your journey takes you to countries in which traffic drives on the opposite side of the road to that in the country where the vehicle is registered, your headlamps should be partially masked to create a symmetrical dipped beam. This will prevent oncoming vehicles from being dazzled.

- ▶ Mask the headlamps with special adhesive strips.

These special adhesive strips can be obtained at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.



Mercedes-Benz recommends that you only use original Mercedes-Benz adhesive strips, otherwise your headlamps could be damaged.

Do not forget to change your headlamps back to asymmetrical dipped beam when you are again driving on the same side of the road as you do in the country where the vehicle is registered.

Trailer towing

▼ Trailer towing

Trailer tow hitch with removable ball coupling*

Installation dimensions and loads can be found in the "Technical data" section (▷ page 328).

Make a note of the key number, e.g. here in this Owner's Manual, so that you can quickly obtain a replacement through a Mercedes-Benz Service Centre in case of loss.

Key number: _____

Risk of injury



Fit the ball coupling with great care as it is essential for the safety of the entire vehicle / trailer combination.

Removing the ball coupling cover



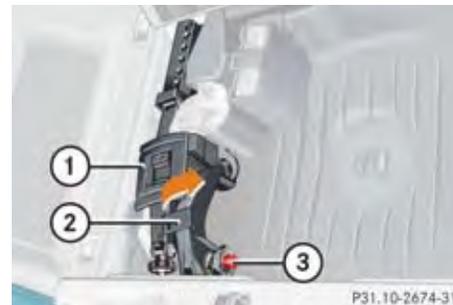
① Ball coupling cover

- ▶ Pull the cover down and out of the ball coupling bracket.

①

You can stow the cover in the ball coupling stowage space under the luggage compartment floor.

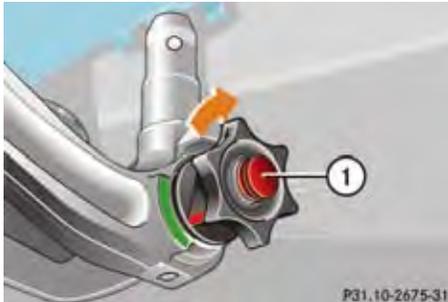
Removing the ball coupling from the luggage compartment



- ① Jack
- ② Securing tab
- ③ Ball coupling

- ▶ Fold the luggage compartment floor up.
- ▶ Take out jack ①.
- ▶ Open securing tab ② and remove ball coupling ③.
- ▶ Put jack ① back in and close the luggage compartment floor again.

Fitting ball coupling



① Key

- ▶ Insert key ① into the lock on the ball coupling.

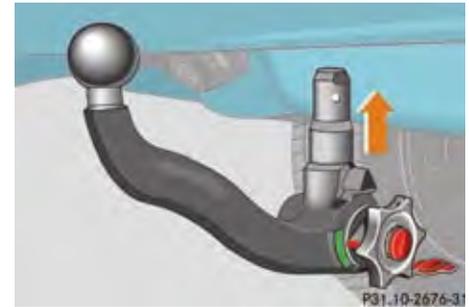
The red mark on the handwheel must be aligned with the green zone on the ball coupling (fitting position). If this is not the case:

- ▶ Turn key ① in the direction of the arrow.

The lock is unlocked.

- ▶ Lift the handwheel from the ball coupling and turn the handwheel clockwise until it engages.

The green zone on the ball coupling is aligned with the red mark on the handwheel.

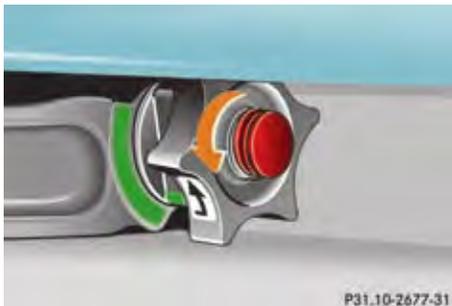


- ▶ Guide the ball coupling vertically into the bracket until it automatically engages.

The handwheel will turn so that the green mark on the handwheel is aligned with the green zone on the ball coupling.



Trailer towing

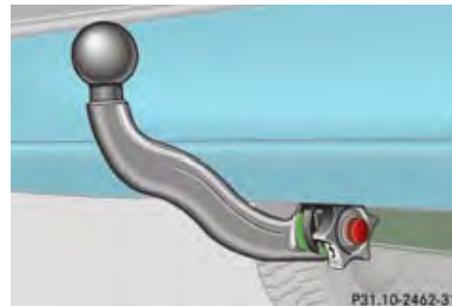


- ▶ Turn the key in the direction of the arrow (to lock).
- ▶ Remove the key and press the protective cap onto the lock.



You can keep the key in the ball coupling stowage space in the luggage compartment.

It is advisable to remove the ball coupling when the trailer tow hitch is not required.



Drive position



The green mark on the handwheel must be aligned with the green zone on the ball coupling.

Risk of accident

The ball coupling is not securely fitted unless the green mark on the handwheel is aligned with the green mark on the ball coupling and the key can be removed.

A ball coupling that is not securely fitted could come loose.

When towing a trailer, the ball coupling must be locked and the key removed. Only then is it guaranteed that the ball coupling is secure and cannot work loose while driving.

If you cannot lock the ball coupling and remove the key, take the ball coupling off and clean it (▷ page 233). If you still cannot fit (lock) the ball coupling after it has been cleaned, remove it. In such cases, the trailer tow hitch must not be used for towing a trailer as safe operation is not ensured.

Have the entire trailer tow hitch checked at a qualified specialist workshop which has the necessary specialist knowledge and tools for the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Driving tips**Risk of accident**

Pay great care and attention when coupling and decoupling a trailer.

Make sure that nobody stands between the vehicle and the trailer as the vehicle is being reversed toward the trailer.

Do not decouple a trailer with an overrun brake when the brake is engaged.

If the trailer is not coupled correctly to the towing vehicle, there is a risk of the trailer becoming detached.

Trailer towing

Make sure that the following values are observed:

- permissible gross vehicle weight
- permissible drawbar noseweight
- permissible trailer weight
- permissible rear axle load of the towing vehicle



The permissible weights are given in the vehicle documents and on the identification plates of the trailer and the tow hitch. The lowest value given is decisive.

The maximum drawbar noseweight of the trailer towbar on the ball coupling is 50 kg. However, the noseweight must not exceed the figure given on the identification plates on the tow hitch and the trailer.

Your vehicle's handling characteristics will change when it is being used to tow a trailer.

The vehicle / trailer combination

- is heavier
- is restricted in its acceleration and climbing ability
- requires a longer braking distance
- reacts more strongly to gusts of side wind
- demands more sensitive steering

Fuel consumption is higher when towing a trailer.

Tips for driving when towing a trailer:

- We recommend utilising the maximum drawbar noseweight, and always at least 40 kg.
- The vehicle's maximum payload is reduced in accordance with the drawbar noseweight so that the maximum permissible axle load is not exceeded.
- You should not exceed a maximum speed of 50 mph (80 km / h), even in countries where higher speeds are allowed.
- Avoid abrupt braking. Instead, apply the brakes at first lightly to allow the trailer to run on. Then increase the braking force rapidly.

- If the trailer starts to oscillate, reduce speed, do not attempt corrective steering – brake if necessary. On no account attempt to draw the vehicle / trailer combination out by increasing speed.
- The gradient-climbing capabilities from a standstill are correct for sea level. Please remember that when driving in mountainous areas, the engine's power output, and with it climbing capability, will decrease with increasing altitude.



Do not decouple a trailer with an overrun brake when the brake is engaged. The rebound of the overrun brake could damage the bumper.

Removing the ball coupling

- ▶ Pull the protective cap off the lock on the handwheel.
- ▶ Unlock the handwheel lock with the key.
- ▶ Hold the ball coupling tightly. Lift the handwheel from the ball coupling and turn the handwheel clockwise until it engages.

The red mark on the handwheel must be aligned with the green zone on the ball coupling.

- ▶ Remove the ball coupling downwards.
- ▶ Push the ball coupling cover into the ball coupling mounting until it engages.

Make sure that the cover sits securely.

Stowing the ball coupling

- ▶ Stow the ball coupling away in the ball coupling stowage space under the luggage compartment floor (▷ page 163).

Risk of injury



Never carry the ball coupling in the vehicle interior unless it is well secured.

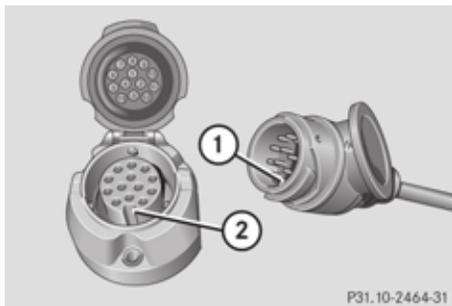
Occupants could otherwise be injured as a result of the ball coupling being thrown around the vehicle in the event of

- hard braking
- a rapid change of direction
- an accident

Trailer towing

Trailers with a 7-pin connector

If your trailer has a 7-pin connector, you can make the connection using an adapter cable. The adapter cable can be obtained from a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.



- ① Lug
- ② Groove

Fitting the adapter cable

- ▶ Lift up the cover.
- ▶ Insert the connector so that lug ① is in groove ② and turn it clockwise as far as it will go.
- ▶ Close the cover so that it engages.
- ▶ Secure the adapter cable to the trailer with cable ties.

Permanent current supply

Your vehicle is equipped for a permanent current supply. In the event that a permanent current supply to the trailer is needed, have the fuse required inserted at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.



Remove the fuse again when you no longer require a permanent current supply.

▼ Service

ASSYST, the Active Service System, tells you when the next service is due.

Approximately one month before the next service is due, one of the following symbols will appear in the instrument cluster display, depending on your style of driving:

 1000 Service due in 1,000 km
(approximately 620 miles)

 10 Service due in 10 days

The symbols tell you what type of service is due:

 Minor service (A)

 Major service (B)



The time between individual services depends on your style of driving. A moderate style of driving at medium engine speeds and avoiding short trips will increase this time.

Clearing the service indicator

The service indicator will be cleared automatically after ten seconds. You can also clear it yourself.

- ▶ Briefly press selector button  on the left of the instrument cluster.

Service

Service overdue

If the service has not been carried out on time:

- the service indicator will flash preceded by a minus sign
- you will also hear an audible signal

A qualified specialist workshop, e.g. a Mercedes-Benz Service Centre, resets the service indicator when the service work has been carried out.



If you do not have service work performed on time, you may be in contravention of legal stipulations.

Calling up the service due date

- ▶ If necessary, activate the instrument cluster display (▷ page 100).
- ▶ Press the  selector button on the left of the instrument cluster twice within the space of one second.



Periods during which the vehicle battery is disconnected will not be recorded by the time-dependent service indicator. You must therefore subtract such periods from the service due date yourself.

Do not confuse the service indicator with the  engine oil level display.

Resetting the service indicator

If your vehicle is ever serviced other than at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre, you can reset the service indicator yourself.

- ▶ Turn the key to position **2** in the ignition lock. Immediately press the **000.0** selector button on the left of the instrument cluster twice within the space of one second.
- ▶ Turn the key to position **0** in the ignition lock within the next ten seconds.
- ▶ Press and hold the **000.0** selector button.

- ▶ Turn the key to position **2** in the ignition lock.

The last service indication appears in the display.

- ▶ Keep the **000.0** selector button pressed.

The last service indication remains displayed. You will hear an audible signal after about ten seconds. The service indicator is now displayed with the new value.

- ▶ Now release the **000.0** selector button.
- ▶ Leave the key in position **2** in the ignition lock for at least another five seconds.

The service indicator is reset.



If you have reset the service indicator unintentionally, a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre, will be able to update it again.

Care

▼ Care

Regular and correct care serves to maintain the value of your vehicle. Regular washing and protective treatment is the best defence against harmful environmental influences.



Mercedes-Benz recommends that you use Mercedes-Benz care products. They have been specially developed to suit Mercedes-Benz vehicles and are updated in accordance with technical progress. Mercedes-Benz care products are available from any Mercedes-Benz Service Centre.

Scratches, corrosive deposits, areas affected by corrosion and damage caused by neglected or inadequate care cannot always be remedied with the care products recommended here. In this case, visit a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Repair damage caused by loose chippings and remove the following substances immediately:

- Insect remains
- Bird droppings
- Tree resin
- Oils and greases
- Petrol
- Tar stains

Risk of poisoning



Always follow the instructions for using the care products.

Always keep care products tightly closed and out of the reach of children.

Environmental note



Dispose of empty containers, cleaning cloths and polishing wads in an environmentally responsible manner.

Caring for the exterior of your vehicle

Automatic car wash

You can clean the vehicle in an automatic car wash from the very start, but preferably one without brushes.

If the vehicle is very dirty, prewash it before you drive into the car wash.

After using an automatic car wash, wipe off wax from the windscreen and the wiper rubbers. This will prevent smears on the windscreen.



Make sure that mirrors are fully folded out when you leave the automatic car wash, otherwise they could vibrate.

High-pressure cleaners



Do not use high-pressure cleaners with round-spray jets for cleaning the tyres. They could otherwise be damaged. Replace tyres that show signs of damage.

The minimum distance that must be kept between the high-pressure nozzle and the object being cleaned is about 30 cm.

Keep the water jet from the high-pressure cleaner in motion while you are cleaning your vehicle. Do not aim the water jet directly at door joints, compressed-air bellows, electrical components, connectors or seals.

If you wish to clean the lamella sliding sunroof*, the pressure must not exceed 80 bar.

Care

Cleaning the windscreen and windscreen wipers

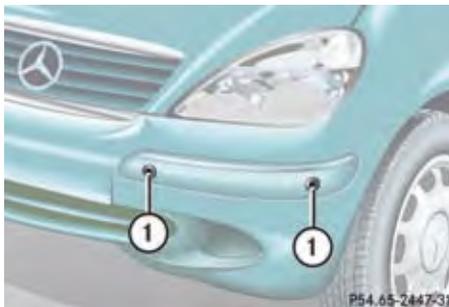
Risk of injury



Remove the key from the ignition lock before cleaning the windscreen or the windscreen wipers. The windscreen wipers could otherwise be set in motion and injure you.

- ▶ Fold the wiper arms away from the windscreen.
You must feel the wiper arm engage in position. You may now clean the windscreen and windscreen wipers.
- ▶ Fold the windscreen wipers back before you switch the ignition on.

Parktronic*



① Parktronic* sensors

- ▶ Clean sensors ① in the bumper using water, shampoo and a soft cloth.



Do not use dry, coarse or hard cloths and do not scrub. You could otherwise scratch or damage the sensors.

If you are cleaning the sensors with a high-pressure or steam jet cleaner, direct it only briefly at the sensors and maintain at least 10 cm distance from the sensors.

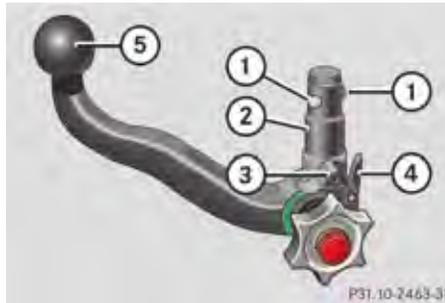
Trailer tow hitch*

Clean the ball coupling and the ball coupling bracket on the vehicle if they show any signs of dirt accumulation or rust. This will ensure safe and easy fitting and removal.

- ▶ Remove the dirt with a clean, lint-free cloth or a brush.
- ▶ Remove any traces of rust with a wire brush.



Do not clean the ball coupling or the ball coupling bracket with a high-pressure cleaner. Do not use solvents.



After cleaning, the following points must be lightly oiled or greased:

- ① Locking balls
- ② Guide pin
- ③ Guide surfaces
- ④ Release lever
- ⑤ Ball coupling¹

and the ball coupling bracket on the vehicle.

¹ Unless the manufacturer of the trailer stipulates otherwise.

- ▶ Treat the lock with acid- and resin-free oil.
- ▶ Check the operation of the trailer tow hitch on the vehicle.



You can also have this work carried out at any Mercedes-Benz Service Centre.

Environmental note

Dispose of cloths soiled with oil or grease in an environmentally compatible manner.

Where will I find ...?

Troubleshooting

Locking/unlocking in an emergency

Changing batteries

Changing bulbs

Changing wiper blades

Adjusting the washer jet nozzles

Flat tyre

Bleeding the fuel system on vehicles with diesel engine

Battery

Jump-starting

Towing and tow-starting

Fuses



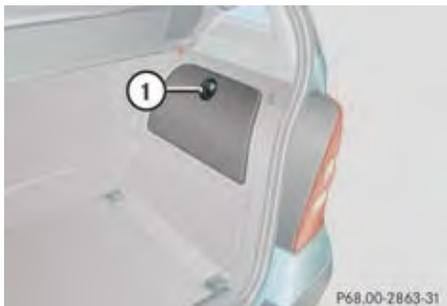
Where will I find ...?

▼ Where will I find ...?

In this section, you will find quick assistance for possible problems.

First-aid kit

The first-aid kit is located in a stowage compartment on the right-hand side of the luggage compartment, viewed in the direction of travel.



① Rotary fastener

Opening the stowage compartment

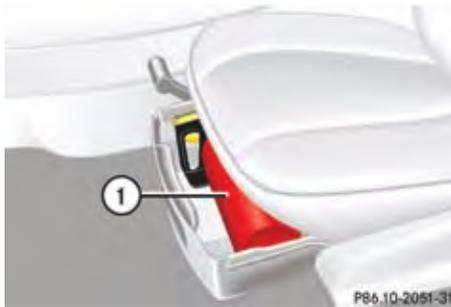
- ▶ Turn rotary fastener ① anti-clockwise.
- ▶ Fold the cover down.
- ▶ Remove the first-aid kit.



Check the expiry dates of the first-aid kit contents regularly, and replace them if necessary.

Fire extinguisher*

The fire extinguisher is located in the stowage box under the driver's seat.



① Fire extinguisher

Opening the stowage box

- ▶ Lift the stowage box slightly by the handle and pull it out.
- ▶ Remove fire extinguisher ①.



Have fire extinguisher ①

- refilled after each use.
- checked every one to two years as it could otherwise fail in the event of an emergency.

Warning triangle, vehicle tool kit, jack, TIREFIT and spare wheel*

The warning triangle, vehicle tool kit, etc. are located in the stowage well under the floor of the luggage compartment.

For how to open the stowage compartment (▷ see page 163).

The vehicle tool kit includes

- a towing eye
- a wheel wrench
- a ratchet for the jack
- a fuse extractor
- a pair of gloves

Where will I find ...?

Vehicles with TIREFIT kit



- ① Chock
- ② Vehicle tool kit
- ③ Jack
- ④ Ball coupling for trailer tow hitch*
- ⑤ TIREFIT kit
- ⑥ Electric air pump
- ⑦ Warning triangle
- ⑧ Retaining strap for luggage compartment floor

*Vehicles with spare wheel**



- ① Chock
- ② Vehicle tool kit
- ③ Jack
- ④ Ball coupling for trailer tow hitch*
- ⑤ Spare wheel
- ⑥ Retainer plate
- ⑦ Warning triangle
- ⑧ Retaining strap for luggage compartment floor

Jack

Risk of accident



The jack is only designed to raise the vehicle for a short time when changing a wheel. Do not crawl under the vehicle while it is supported by the jack. If you do not raise the vehicle in the way described, it could slip off of the jack (e.g. when the engine is started, the doors or tailgate opened or closed).

For reasons of safety, if you intend to work under the vehicle, place the vehicle on stands.



You must not use the standard version jack for the long version* of the A-Class.

Note the label.

- Vehicles with short wheelbase: yellow label, W 168 models
- Vehicles with long wheelbase*: light grey label, S 168 models



When you attach the jack, make sure that it is turned fully back to the stop.

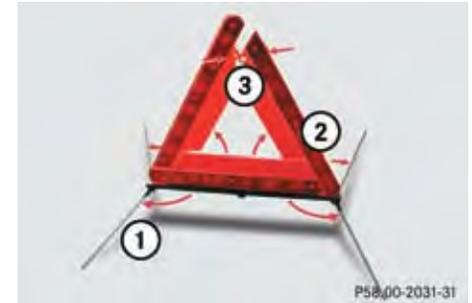
Removing the spare wheel*

- ▶ Turn the retainer plate anti-clockwise.
- ▶ Remove the spare wheel.



You may fit a stowage well* in the spare wheel.

Erecting the warning triangle



- ① Leg
 - ② Side reflectors
 - ③ Press-stud
- ▶ Fold legs ① down and to the side.
 - ▶ Pull side reflectors ② up to form a triangle and join them together with press-stud ③ at the top.

Troubleshooting

▼ Troubleshooting

Problem	Possible cause	Suggested solutions
The anti-theft alarm system* is suddenly triggered.	You opened the vehicle using the key while the alarm system was still activated.	<p>Switch the anti-theft alarm system off:</p> <ul style="list-style-type: none"> ▶ Press the  button on the remote control. <p>or</p> <ul style="list-style-type: none"> ▶ Turn the key to position 2 in the ignition lock.
You hear a warning signal.	You are driving with the handbrake on.	▶ Release the handbrake (▷ page 40).
	You forgot to switch the lights off and opened the door.	▶ Turn the light switch to position 0 .
	The connector on the removable front-passenger seat* is not plugged in.	▶ Plug the connector into the coupling on the seat (▷ page 157).

Problem	Possible cause	Suggested solutions
The turn signal is flashing faster than it usually does.	One of the turn signal lamps has failed.	<ul style="list-style-type: none"> ▶ Replace the faulty bulb (▷ page 275), (▷ page 277).
You want to leave your vehicle parked up for an extended period.		<ul style="list-style-type: none"> ▶ Seek advice from a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. ▶ Disconnect the battery (▷ page 296).
The engine is not running smoothly and it is misfiring.	A component in the engine management system could be malfunctioning.	<ul style="list-style-type: none"> ▶ Do not use too much throttle. ▶ Have the cause rectified immediately by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre.
The engine will not start and the SEAL and Error displays appear alternately in the instrument cluster.	<p>The immobiliser is faulty.</p> <p>There is an engine management system malfunction.</p>	<ul style="list-style-type: none"> ▶ Inform a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Troubleshooting

Problem	Possible cause	Suggested solutions
<p>The engine will not start.</p>	<p>A component in the engine management system could be malfunctioning.</p> <p>There may be a malfunction in the fuel supply.</p>	<ul style="list-style-type: none"> ▶ Repeat the starting procedure (▷ page 38). Please note that prolonged attempts to start the engine can drain the battery. ▶ Jump-starting may be performed (▷ page 298). ▶ If the engine does not start after several attempts, inform a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.
	<p>The starter motor has been subjected to excessive thermal stress. The starter motor overload protection is then activated.</p>	<ul style="list-style-type: none"> ▶ Allow the starter motor to cool off for about two minutes. ▶ Repeat the starting procedure (▷ page 38).
	<p>Vehicles with diesel engine: The fuel tank is empty</p>	<ul style="list-style-type: none"> ▶ Bleed the fuel system (▷ page 293).

Problem	Possible cause	Suggested solutions
The engine is at its normal operating temperature but will not start, even though you have made a starting attempt of about four seconds.	There may be a malfunction in the fuel supply.	<ul style="list-style-type: none">▶ Repeat the starting procedure (▷ page 38).▶ If the engine does not start after several attempts, inform a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.
The headlamps are misted up on the inside.	High humidity.	<ul style="list-style-type: none">▶ Drive with the lights switched on. The headlamps will clear after driving for a short distance.
The air conditioning* has shut itself off.	The engine has overheated, e.g. when driving up extremely steep gradients with a trailer.	<ul style="list-style-type: none">▶ Allow the engine to cool off.

Troubleshooting

Problem	Possible cause	Suggested solutions
The vehicle is losing petrol / diesel.		<ul style="list-style-type: none"> ▶ On no account start the engine. ▶ Inform a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.
<p>You have had an accident.</p> <p>The extent of damage cannot be determined.</p>		<ul style="list-style-type: none"> ▶ Inform a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.
<p>You have had an accident.</p> <p>No damage can be determined on</p> <ul style="list-style-type: none"> • the major assemblies • the fuel system • the engine mountings 		<ul style="list-style-type: none"> ▶ Start the engine in the usual manner.

Manual transmission with automatic clutch system*

Problem	Possible cause	Suggested solutions
The letter F appears in the instrument cluster display.	There is a malfunction in the automatic clutch system.	<ul style="list-style-type: none">▶ Depress the brake pedal to enable you to start the engine.▶ Engage a gear. The clutch is only opened and closed via the accelerator pedal:<ul style="list-style-type: none">• depress the accelerator pedal – the clutch is closed• release the accelerator pedal – the clutch is opened▶ Have the transmission checked immediately by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre.

Troubleshooting

Problem	Possible cause	Suggested solutions
<p>The gear indicator in the instrument cluster display flashes and in addition a warning signal sounds.</p>	<p>With the vehicle stationary, the driver's door is open and</p> <ul style="list-style-type: none"> • a gear is engaged • the brake pedal is not depressed • the accelerator pedal is not depressed • the engine is running 	<p>▶ Depress the brake pedal. or ▶ Shift to neutral. or ▶ Switch off the engine.</p>

Automatic transmission*

Problem	Possible cause	Suggested solutions
The transmission does not shift properly.	The transmission is losing oil.	<ul style="list-style-type: none"> ▶ Have the transmission checked immediately by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre.
<p>The letter F appears in the instrument cluster display.</p> <p>The acceleration ability is deteriorating.</p> <p>The transmission no longer changes gear.</p>	<p>There may be a fault in the control unit.</p> <p>The transmission is in emergency operating mode. 5th gear is engaged. You can still engage reverse gear.</p>	<ul style="list-style-type: none"> ▶ Stop the vehicle. ▶ Switch off the engine. ▶ Start the engine. ▶ Have the transmission checked immediately by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre.

Troubleshooting

Problem	Possible cause	Suggested solutions
<p>The letter F appears in the instrument cluster display.</p> <p>The acceleration ability is deteriorating.</p> <p>The transmission no longer changes gear.</p>	<p>The transmission is in emergency operating mode. 5th gear is engaged. You can still engage reverse gear.</p>	<ul style="list-style-type: none"> ▶ Stop the vehicle. ▶ Move the selector lever to position P. ▶ Move the selector lever to position D or position R. <p>When position D is selected, 2nd gear is engaged.</p> <p>If you wish to continue in 5th gear:</p> <ul style="list-style-type: none"> ▶ Stop the vehicle. ▶ Move the selector lever to N. ▶ Switch off the engine. ▶ Start the engine. ▶ Move the selector lever to D. <p>5th gear is engaged.</p> <ul style="list-style-type: none"> ▶ Have the transmission checked immediately by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre.

Problem	Possible cause	Suggested solutions
The letter F appears in the instrument cluster display and no power is transmitted to the wheels. 2nd gear becomes active again at speeds below 22 mph (35 km/h).	A fault has developed in the transmission. 5th gear cannot be engaged. You can still engage reverse gear.	<ul style="list-style-type: none">▶ Have the transmission checked immediately by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre. <p>If you need reverse gear:</p> <ul style="list-style-type: none">▶ Stop the vehicle.▶ Move the selector lever to position P.▶ Move the selector lever to R. <p>When position D is selected, 2nd gear is engaged again.</p>

Troubleshooting

Key and remote control*

Problem	Possible cause	Suggested solutions
You cannot lock or unlock the vehicle using the remote control*.	The remote control batteries are dead.	▶ Check the batteries in the key (▷ page 83) and change them if necessary (▷ page 270).
	The remote control is faulty.	▶ Unlock the doors using the key (▷ page 268). ▶ Unlock the tailgate using the key (▷ page 268).
The battery check lamp in the remote control* does not light up when tested.	The remote control batteries are dead.	▶ Change the batteries (▷ page 270). You can obtain batteries at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.

Problem	Possible cause	Suggested solutions
You cannot lock or unlock the vehicle using the remote control*, but the battery check lamp is lit.	The remote control and the vehicle are no longer synchronised.	<p>Reset the remote control.</p> <ul style="list-style-type: none">▶ To do this, point the remote control at the vehicle and briefly press the  or  button twice.▶ Then switch on the ignition within 30 seconds (turn the key to position 2 in the ignition lock). <p>The central locking system is now operational again.</p>

Troubleshooting

Problem	Possible cause	Suggested solutions
<p>You have lost the remote control*.</p>		<ul style="list-style-type: none"> ▶ Have the remote control cancelled by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre. ▶ Report the loss immediately to the vehicle insurers. ▶ If necessary, have the manual locks changed too. <p>A Mercedes-Benz Service Centre will be happy to provide replacements.</p>
<p>You have lost the key.</p>		<ul style="list-style-type: none"> ▶ Report the loss immediately to the vehicle insurers. ▶ If necessary, have the manual locks changed too. <p>A Mercedes-Benz Service Centre will be happy to provide replacements.</p>

Windscreen wipers

Problem	Possible cause	Suggested solutions
The windscreen wipers are jammed.	Leaves or snow, for example, may be obstructing the windscreen wipers. The wiper motor has been deactivated.	<ul style="list-style-type: none"> ▶ For safety reasons, you should first remove the key from the ignition lock. Then remove the cause of the obstruction. ▶ Switch on the windscreen wipers again.
The windscreen wipers have failed completely.		<ul style="list-style-type: none"> ▶ Select another wiper speed at the combination switch. ▶ Have the windscreen wipers checked by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre.
The rain sensor* is not controlling the windscreen wipers correctly.	The wiper blade is defective in the area of the rain sensor.	▶ Change the wiper blades (▷ page 279).
	The left and right-hand wiper blades have been interchanged. The wiper will then not sweep over the rain sensor.	▶ When fitting the wiper blades, note that the lengths of the blades on the driver's side and the front-passenger side are different.

Troubleshooting

Power windows

Problem	Possible cause	Suggested solutions
<p>The side windows do not close automatically* when you press  on the switch beyond the pressure point and release the switch.</p>	<ul style="list-style-type: none"> • Something has got caught between the side window and the door frame. • Something in the side window channel is stopping the windows from moving up. 	<ul style="list-style-type: none"> ▶ Remove such objects. ▶ Press  on the switch to the pressure point and hold until the window is fully closed. <p>The side window is closed without protection against entrapment.</p> <p>Risk of injury. Make sure that nobody can be trapped as you close a side window.</p>

Lights in switches and buttons

Problem	Possible cause	Suggested solutions
One or both of the lights in the seat heating* switch are flashing.	There is insufficient voltage because too many consumers are switched on. The seat heating has switched off automatically.	The seat heating will automatically switch back on as soon as there is sufficient voltage again.
The rear window heating shuts off too quickly and the indicator lamp in the switch is flashing.	There is insufficient voltage because too many consumers are switched on. The rear window heating has switched off automatically.	<ul style="list-style-type: none"> ▶ Switch electrical consumers off when they are not needed. <p>The rear window heating will automatically switch back on as soon as there is sufficient voltage again.</p>
The  warning lamp on the centre console lights up.	<p>A child seat is fitted to the front-passenger seat. The front-passenger airbag is then deactivated.</p> <p>There is no child seat fitted to the front-passenger seat. There is a malfunction in the child seat recognition system.</p>	<ul style="list-style-type: none"> ▶ Have the child seat recognition system checked by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre.

Troubleshooting

Problem	Possible cause	Suggested solutions
<p>The AIRBAG off warning lamp on the centre console flashes. In addition, the SRS indicator lamp in the instrument cluster lights up and an audible warning sounds.</p>	<p>The connector on the removable front-passenger seat* is not plugged in.</p>	<ul style="list-style-type: none"> ▶ Plug the connector into the coupling on the seat (▷ page 157).
<p>Only the red segments of all the Parktronic* warning displays light up. In addition, an audible signal sounds for about three seconds. Parktronic* switches off after about 30 seconds and the indicator lamp in the Parktronic* switch lights up.</p>	<p>There is a malfunction in the Parktronic* system and the system has shut down.</p>	<ul style="list-style-type: none"> ▶ Have Parktronic* checked as soon as possible by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre.
<p>Only the red segments of all the Parktronic* warning displays light up.</p>	<p>The Parktronic* sensors are dirty or faulty.</p> <p>Another source of radio or ultrasonic waves may be causing the malfunction. Parktronic* switches itself off after 20 seconds.</p>	<ul style="list-style-type: none"> ▶ Clean the Parktronic* sensors. ▶ Then switch the ignition on again. ▶ Check the Parktronic* system at another location.

Lights in the instrument cluster

Problem	Possible cause	Suggested solutions
 The yellow ESP warning lamp lights up while the engine is running.	ESP is deactivated.	<ul style="list-style-type: none">▶ Switch the engine torque control system on again (▷ page 73).▶ Adapt your driving style to suit the prevailing road and weather conditions. <p>There is otherwise an increased risk of an accident.</p>

Troubleshooting

Problem	Possible cause	Suggested solutions
 <p>The yellow ESP warning lamp flashes during a journey.</p>	<p>ESP or traction control is in action because at least one wheel has reached its grip limit.</p>	<ul style="list-style-type: none"> ▶ Adapt your driving style to suit the prevailing road and weather conditions. ▶ Only depress the accelerator pedal as far as necessary when pulling away. ▶ Ease off on the accelerator pedal when driving at a steady speed ▶ Do not deactivate engine torque control with the ASR OFF switch. Exceptions: (▷ page 72). <p>There is otherwise an increased risk of an accident.</p>

Problem	Possible cause	Suggested solutions
 <p>The yellow ABS indicator lamp and the yellow BAS / ESP indicator lamp light up while the engine is running.</p>	<p>ABS is deactivated due to a malfunction. ESP is also deactivated. The brake system will still work as normal without ABS.</p> <p>Malfunctions may also be present in the Parktronic* system, the automatic transmission* and the Auto Pilot System*.</p> <p>ABS is deactivated due to undervoltage. It is possible that the battery is not being charged. BAS and ESP are then also deactivated.</p>	<ul style="list-style-type: none"> ▶ Continue driving, but with even greater care. ▶ Visit a qualified specialist workshop as soon as possible which has the necessary specialist knowledge and tools to carry out the required work. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. <p>There is otherwise an increased risk of an accident.</p> <ul style="list-style-type: none"> ▶ Switch electrical consumers off when they are not needed. <p>ABS is available again when the battery voltage increases.</p>

Troubleshooting

Problem	Possible cause	Suggested solutions
 <p>The yellow preglow indicator lamp does not light up when you turn the key to position 2 in the ignition lock.</p>	<p>The preglow system is defective.</p>	<p>► Drive immediately to the nearest qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.</p>
<p>SRS</p> <p>The red SRS indicator lamp lights up during a journey.</p>	<p>There is a fault in the restraint systems. The airbags or belt tensioners could trigger unexpectedly or not at all in the event of an accident.</p>	<p>► Drive carefully to the nearest qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.</p>
<p>SRS</p> <p>The red SRS indicator lamp lights up during a journey. In addition, the  warning lamp on the centre console flashes and an audible warning sounds.</p>	<p>The connector on the removable front-passenger seat* is not plugged in.</p>	<p>► Plug the connector into the coupling on the seat (▷ page 157).</p>
<p> BRAKE</p> <p>The red brake system indicator lamp lights up and an audible warning sounds.</p>	<p>You are driving with the handbrake on.</p>	<p>► Release the handbrake (▷ page 40).</p>

Problem	Possible cause	Suggested solutions
 BRAKE The red brake system indicator lamp lights up during a journey.	There is insufficient brake fluid in the fluid reservoir.	<ul style="list-style-type: none">▶ Do not drive any further.▶ Inform a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the required work. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. <p>Under no circumstances should you top up the brake fluid. This will not rectify the fault.</p> <p>There is otherwise an increased risk of an accident.</p>

Troubleshooting

Problem	Possible cause	Suggested solutions
 <p>The yellow coolant warning lamp lights up while the engine is running.</p>	<p>There is insufficient coolant in the reservoir.</p> <p>If this warning lamp lights up frequently, there may be a leak in the cooling system.</p> <p>If the coolant level is correct, it is possible that the radiator's electric fan has failed.</p>	<ul style="list-style-type: none"> ▶ Top up the coolant immediately, otherwise the engine could overheat (> page 211). ▶ Have the cooling system checked. ▶ If the coolant temperature is below 125 °C, you can drive on to the nearest qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. ▶ Avoid heavy loads on the engine (e.g. driving in mountainous terrain) and stop / start driving.
 <p>The red coolant warning lamp lights up during a journey and a warning sounds.</p>	<p>The coolant has exceeded a temperature of 125 °C.</p> <p>There is insufficient coolant in the reservoir.</p>	<ul style="list-style-type: none"> ▶ Stop at the next opportunity and allow the engine and the coolant to cool down. ▶ Check the coolant level and top up the coolant if necessary (> page 211).

Problem	Possible cause	Suggested solutions
 <p>The red coolant warning lamp lights up during a journey and a warning sounds.</p>	<p>The coolant has exceeded a temperature of 125 °C.</p> <p>If the coolant level is correct, it is possible that the radiator's electric fan has failed.</p>	<ul style="list-style-type: none">▶ Stop at the next opportunity and allow the engine and the coolant to cool down.▶ Check the fuse and replace it if necessary (> page 306). If the fuse and the coolant level are correct:<ul style="list-style-type: none">▶ Have the cooling system checked.▶ If the coolant temperature is below 125 °C, you can drive on to the nearest qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.▶ Avoid heavy loads on the engine (e.g. driving in mountainous terrain) and stop / start driving.

Troubleshooting

Problem	Possible cause	Suggested solutions
 <p>The yellow engine diagnostic indicator lamp lights up during a journey.</p>	<p>There is a malfunction</p> <ul style="list-style-type: none"> • in the fuel injection system • in the exhaust system • or in the ignition system on vehicles with petrol engine <p>Emissions limits may be exceeded and the engine may switch to emergency running mode.</p> <p>You have emptied the fuel tank.</p>	<ul style="list-style-type: none"> ▶ Have the vehicle checked as soon as possible by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre. ▶ After you have refuelled, start the engine three or four times in succession. ▶ Emergency running mode is cancelled. You do not need to have your vehicle examined.
 <p>The red seat belt warning lamp lights up for a few seconds when the engine is started.</p>	<p>The warning lamp is to remind you to fasten your seat belt.</p>	<ul style="list-style-type: none"> ▶ Fasten the seat belt.
<p>The yellow reserve fuel warning lamp lights up during a journey.</p>	<p>The petrol or diesel level has fallen into the reserve range.</p>	<ul style="list-style-type: none"> ▶ Refuel at the nearest filling station (▷ page 201).

Problem	Possible cause	Suggested solutions
<p>BAS ESP</p> <p>The yellow BAS / ESP indicator lamp lights up during a journey.</p>	<p>BAS and ESP are deactivated due to a malfunction.</p> <p>The brake system will still work as normal with ABS, but without BAS.</p> <p>It may be that the engine is no longer able to develop its full power output.</p> <p>BAS and ESP are deactivated due to an undervoltage. It is possible that the battery is not being charged.</p> <p>The battery is either flat or has been disconnected.</p>	<p>▶ Have the vehicle checked as soon as possible by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre.</p> <p>▶ Switch electrical consumers off when they are not needed.</p> <p>BAS / ESP are available again when the battery voltage increases.</p> <p>▶ Turn the steering wheel from lock to lock with the engine running.</p> <p>BAS / ESP are available again.</p>

Troubleshooting

Problem	Possible cause	Suggested solutions
 <p>The yellow engine oil warning lamp lights up during a journey.</p>	<p>The engine oil level is too low.</p> <p>The warning lamp only lights up briefly at first. As the oil level drops further, it will light up permanently.</p>	<ul style="list-style-type: none"> ▶ Top up the engine oil and check the engine oil level (▷ page 208). ▶ Have the engine checked for leaks if the engine oil frequently needs topping up.
 <p>The yellow brake pad / lining indicator lamp lights up during a journey.</p>	<p>The brake pads / linings have reached their wear limit.</p>	<ul style="list-style-type: none"> ▶ Have the brake pads / linings replaced as soon as possible at a qualified specialist workshop which has the necessary specialist knowledge and tools for the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Problem	Possible cause	Suggested solutions
 The red battery charge indicator lamp lights up during a journey.	The battery is not being charged. Possible causes: <ul style="list-style-type: none">• faulty alternator• torn poly-V-belt	<ul style="list-style-type: none">▶ Stop immediately and check the poly-V-belt. If it is torn: <ul style="list-style-type: none">▶ Do not drive any further.▶ Inform a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. If it is OK: <ul style="list-style-type: none">▶ Drive immediately to the nearest qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Locking/unlocking in an emergency

▼ Locking/unlocking in an emergency

Unlocking the vehicle

Unlocking the driver's door

If you can no longer unlock the driver's door using the remote control*, use the key.

- ▶ Unlock the door using the key. To do this, turn it anti-clockwise.

i

The anti-theft alarm system* will be triggered if you open your vehicle with the key. There are several ways of disabling the alarm:

- Press the  button on the remote control.
- Turn the key to position **2** in the ignition lock.

Locking the vehicle

If the vehicle can no longer be centrally locked, lock

it as follows:

- ▶ Close the front-passenger door.
- ▶ Press the central locking button in the cockpit (▷ page 86).
- ▶ Check whether the locking knobs in the doors are still visible. If necessary, press them down by hand.
- ▶ Lock the driver's door with the key.
- ▶ If necessary, lock the tailgate with the key.

Fuel filler flap emergency release

The emergency release is located in the luggage compartment, behind the stowage compartment on the right-hand side, viewed in the direction of travel.



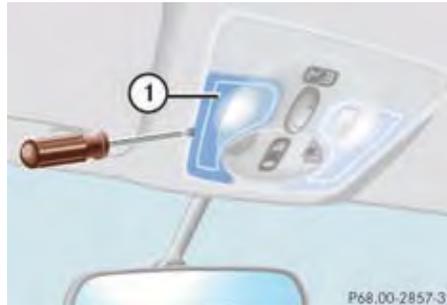
- ① Stowage compartment cover
- ② Fastener
- ③ Cover

Locking/unlocking in an emergency

- ▶ Open the right-hand stowage compartment in the luggage compartment.
 - ▶ Remove the first-aid kit.
 - ▶ Turn fastener ② anti-clockwise and open the cover.
 - ▶ Pull cover ③ off.
 - ▶ Feel for the release pin (it cannot be seen) and pull it.
- The fuel filler flap is unlocked.

Manually opening / closing the lamella sliding sunroof*

The drive is located in the overhead control panel behind the interior light.



① Lamp lens

- ▶ Prise off lamp lens ① with a screwdriver.



② Crank

- ▶ Take crank ② from the Owner's Manual wallet.
- ▶ Plug the crank into the hexagon socket.
- ▶ Open and close the roof by turning the crank in the appropriate direction.
 - To close: turn clockwise
 - To open: turn anti-clockwise

Changing batteries

▼ Changing batteries

If the batteries in the remote control* are flat, you can no longer lock or unlock the vehicle using the remote control function.

Risk of poisoning



Keep batteries away from children.

If a battery is swallowed, inform a doctor immediately.

Environmental note

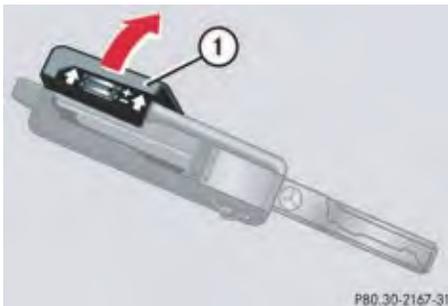


Do not dispose of batteries with the household rubbish. Take flat batteries to a Mercedes-Benz Service Centre or a special collection point for old batteries.



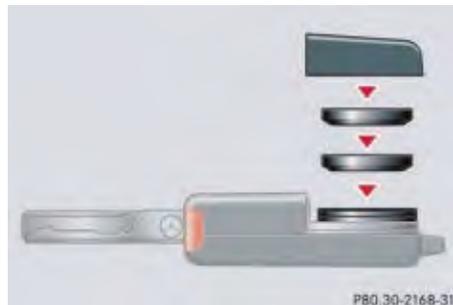
Only replace the batteries in pairs. All remote control units require 3-volt button batteries.

You can obtain suitable batteries from any Mercedes-Benz Service Centre.



① Battery cover

- ▶ Fold the key out.
- ▶ Press battery cover ① off.
- ▶ Remove the old batteries.



- ▶ Insert the new batteries with the positive terminal facing upwards.
- ▶ Press battery cover ① on until it clicks.

▼ Changing bulbs

Bulbs and lamps are an important aspect of vehicle safety. You must therefore ensure that all lamps and bulbs are in working order at all times.

Front lamps

Bulb	Model
Dipped-beam headlamps	H7 55 W
Turn signal lamps	PY 21 W ¹
Main-beam headlamps / foglamps	H4 60 / 55 W
Side lamps, parking lamps	W 5 W

- ¹ Use genuine bulbs with the designation "Osram Diadem 7507 LDA" for the A 210 EVOLUTION model. The colour of the left- and right-hand bulbs are then identical.

Rear lamps

Bulb	Model
Third brake lamp	W 5 W
Rear foglamp / tail lamp ¹	P 21 / 4 W
Reversing lamp	P 21 W
Brake lamps	P 21 W
Turn signal lamps	PY 21 W
Licence plate illumination	C 5 W (festoon bulb)

- ¹ The rear foglamp is only activated on the driver's side.

Changing bulbs**Risk of injury**

Lamps and bulbs can be very hot. You should therefore allow them to cool down before you change a bulb.

Keep bulbs out of the reach of children.

Never use a bulb which has been dropped. Bulbs which have been dropped may explode and injure you.

H7 bulbs are pressurised and may explode when they are changed. You should therefore wear eye protection and gloves when you are changing them.

Right-hand headlamps:

The coolant expansion tank and the air-conditioning lines can be very hot. For this reason, observe a cooling-off period of about 20 minutes before changing the bulbs.

Before changing bulbs

- Only fit 12-volt bulbs of the same type as before and of the correct wattage.
- Switch the lamps off before changing a bulb to avoid a short-circuit.
- Only hold bulbs with a clean, lint-free cloth.
- Do not work with wet or greasy fingers.
- For the front lamps, you must
 - Remove the windscreen washer fluid reservoir on the left-hand side.
 - Remove the coolant expansion tank on the right-hand side.
- If the new bulb still does not light up, visit a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

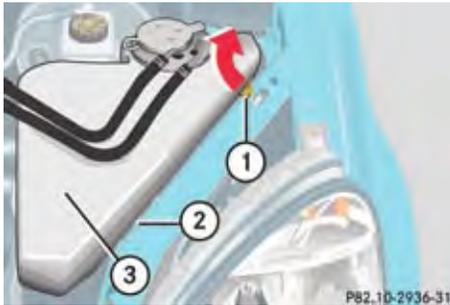


Due to the installation location of the front headlamps, we recommend that you have your bulbs changed by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre.

Have the headlamp setting checked regularly.

Removing/installing the windscreen washer fluid reservoir

The windscreen washer fluid reservoir is in the front left of the engine compartment, viewed in the direction of travel.



- ① Lever
- ② Retainer
- ③ Windscreen washer fluid reservoir

Removing

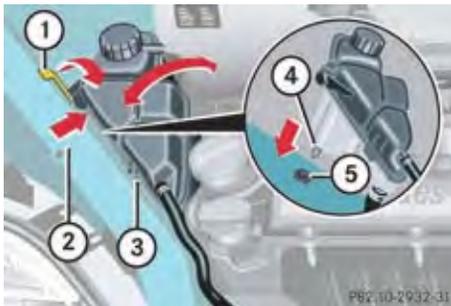
- ▶ Fold lever ① up.
- ▶ Remove the windscreen washer fluid reservoir from retainer ②.
- ▶ Place the windscreen washer fluid reservoir to one side, leaving the leads and hoses connected.

Installing

- ▶ Insert the retaining lug on the windscreen washer fluid reservoir into the rubber grommet on the longitudinal member and retainer ②.
- ▶ Fold lever ① down.

Changing bulbs**Removing and installing the coolant expansion tank**

The expansion tank is in the front right of the engine compartment, viewed in the direction of travel.



- ① Lever
- ② Longitudinal member
- ③ Retainer
- ④ Retaining lug
- ⑤ Rubber grommet

Removing

- ▶ Fold lever ① to the front.
- ▶ Press the coolant expansion tank away from longitudinal member ②.
- ▶ Remove the coolant expansion tank from retainer ③.
- ▶ Place the coolant expansion tank to one side, leaving the hoses connected.

Installing

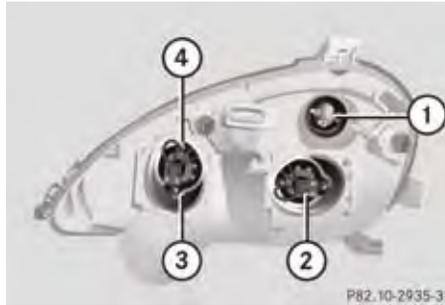
- ▶ Insert the coolant expansion tank reservoir into retainer ③ in such a way that lower retaining lug ④ inserts into rubber grommet ⑤ on the longitudinal member.
- ▶ Engage the coolant expansion tank on the longitudinal member and fold lever ① as far as it will go to the rear.

Changing the bulbs in the front lamps

- ▶ Switch the lighting off.
- ▶ Open the bonnet (▷ page 205).
- ▶ Remove the windscreen washer fluid reservoir on the left-hand side (▷ page 273).

or

- ▶ Remove the coolant expansion tank on the right-hand side (▷ page 274).



Right-hand headlamp (left-hand headlamp mirror image)

- ① Turn signal lamp
- ② Dipped-beam headlamp
- ③ Main-beam headlamp / foglamp
- ④ Side and parking lamps

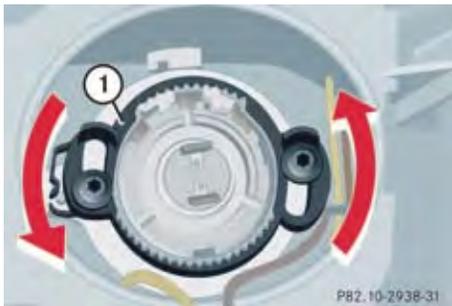
Changing the front turn signal bulb

- ▶ Unplug the connector.
- ▶ Turn the bulb holder with the bulb anti-clockwise and remove it.
- ▶ Press the bulb to the rear and unscrew it anti-clockwise from the bulb holder.
- ▶ Press the new bulb into the bulb holder and turn it clockwise.
- ▶ Press the bulb holder into the lamp and turn it clockwise.
- ▶ Press on the connector.

Changing bulbs

Changing the bulbs on the dipped-beam headlamps

- ▶ Press on the catch on the housing cover and remove the cover.
- ▶ Unplug the connector.



① Bayonet-type holder

- ▶ Turn bayonet-type holder ① anti-clockwise.
- ▶ Remove the bulb.
- ▶ Insert the new bulb so that the base locates in the recess on the holder.

- ▶ Turn bayonet-type holder ① clockwise until it is heard to engage.
- ▶ Press on the connector.
- ▶ Replace and engage the housing cover.

Changing the bulbs in the main-beam headlamps / foglamps

- ▶ Press on the catch on the housing cover and remove the cover.
- ▶ Unplug the connector.
- ▶ Unclip the retainer spring and remove the bulb.
- ▶ Insert the new bulb so that the base locates in the recess on the holder.
- ▶ Clip in the retainer spring.
- ▶ Press on the connector.
- ▶ Replace and engage the housing cover.

Changing the bulbs in the side and parking lamps

- ▶ Press on the catch on the housing cover and remove the cover.
- ▶ Remove the bulb holder along with the bulb.
- ▶ Turn the bulb anti-clockwise with light pressure and unscrew it from the bulb holder.
- ▶ Insert the new bulb into the bulb holder and turn it clockwise.
- ▶ Replace the bulb holder.
- ▶ Replace and engage the housing cover.

Changing the bulb in the additional turn signal lamp in the exterior mirror

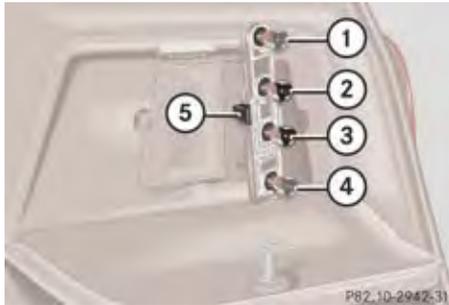
If the bulb develops a defect, the entire turn signal lamp unit must be replaced.

We recommend that you have the turn signal unit replaced by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre.

Changing the bulbs in the rear lamps

- ▶ Switch the lighting off.

Rear lamps



Right-hand lamp cluster (left-hand lamp cluster mirror image)

- ① Brake lamp
- ② Reversing lamp
- ③ Turn signal lamp
- ④ Rear foglamp / tail lamp
- ⑤ Retaining lugs



The rear foglamp is only activated on the driver's side.

- ▶ Open the tailgate (▷ page 84).
- ▶ Open the stowage compartment on the left- or right-hand side of the luggage compartment (▷ page 181).
- ▶ Remove the trim.
- ▶ Press retaining lugs ⑤ together and remove the lamp cluster.
- ▶ Press the bulb in and unscrew it anti-clockwise from the bulb holder.

- ▶ Insert the new bulb into the bulb holder.
- ▶ Press the new bulb in and turn it clockwise.
- ▶ Replace the bulb holder. Make sure that the retaining lugs are heard to engage.
- ▶ Replace the trim.
- ▶ Close the stowage compartment and the tailgate.

Changing bulbs

Licence plate lamp



① Screws

- ▶ Undo the two screws ① and remove the lamp.
- ▶ Pull the bulb out and insert the new bulb.
- ▶ Replace the lamp and screw the two screws ① in.

Third brake lamp



We recommend that you have the bulbs replaced by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre.



① To unclip retaining lugs

- ▶ Unclip retaining lugs ① with a screwdriver and remove the cover.

- ▶ Turn the bulb holder with the bulb anti-clockwise and remove it.
- ▶ Pull the bulb out and insert the new bulb.
- ▶ Press the bulb holder into the lamp and turn it clockwise.
- ▶ Align the cover at the bottom.
- ▶ Pull the top of the cover slightly to the rear and insert it in the guide.
- ▶ Press the outer corners of the cover lightly until it engages. Make sure that the guides on the left and right of the front edge of the cover engage in the recesses.

Changing the wiper blades

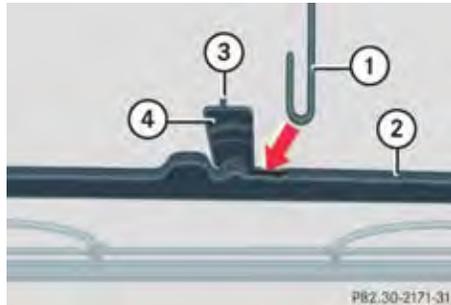
▼ Changing the wiper blades

Removing

Risk of injury



Remove the key from the ignition lock before you replace a wiper blade. The windscreen wipers could otherwise be set in motion and injure you.



- ① Wiper arm
- ② Wiper blade
- ③ Locking spring
- ④ Joint piece

- ▶ Fold wiper arm ① away from the windscreen and position wiper blade ② so that it is at an angle.
- ▶ Press locking spring ③ and slide the wiper blade from the end of the wiper arm.

Installing

- ▶ Slide the wiper blade onto the end of the wiper arm with joint piece ④ until it engages.



Note that the lengths of the blades on the driver's side and the front-passenger side are different.

- ▶ Fold the wiper arms back to the windscreen.



Never open the bonnet when the wiper arm is folded away from the windscreen.

Do not fold the wiper arm back to the windscreen while the wiper blade is removed.



Instead of the complete wiper blade, it is possible to change just the wiper rubber.

Always have this work carried out by a qualified specialist workshop, e.g. by a Mercedes-Benz Service Centre, for reasons of simplicity.

Adjusting the washer jet nozzles**▼ Adjusting the washer jet nozzles**

Check the setting of the washer jet nozzles at regular intervals. If they have moved, you can adjust them yourself.

Risk of injury

Remove the key from the ignition lock before you adjust the washer jet nozzles. The windscreen wipers could otherwise be set in motion and injure you.



- ① Washer jet nozzles
- ② To adjust the washer jet nozzles

- ▶ Move washer jet nozzle ① up or down ②.

Washer jet nozzles ① are correctly set when the water jet hits the windscreen approximately centrally.

Wiping with windscreen washer water (▷ page 43).



Do not use any implements (e.g. a needle) to adjust washer jet nozzles ① as this could damage them.

▼ Flat tyre

Your vehicle is supplied with either the TIREFIT kit or a spare wheel*.

Preparing the vehicle

- ▶ Stop the vehicle as far away as possible from traffic and on a firm, level surface.
 - ▶ Switch on the hazard warning lamps.
 - ▶ Apply the handbrake.
 - ▶ Manual transmission:
Engage either first or reverse gear.
- or
- ▶ Automatic transmission:
Move the selector lever to **P**.

- ▶ Any passengers should leave the vehicle. Make sure that they are not endangered as they do so.
- ▶ Place the warning triangle or hazard warning lights at a suitable distance. Observe legal requirements.

Using the TIREFIT kit

You can use the TIREFIT kit to seal small punctures, particularly those in the tyre's tread. You can use TIREFIT at outside temperatures down to $-20\text{ }^{\circ}\text{C}$.

Risk of accident



Your safety is at particular risk and TIREFIT is unable to offer breakdown assistance in the following situations:

- if there are cuts or punctures in the tyre greater than 4 mm
- if the rim is damaged
- if you have driven at very low tyre pressures or with flat tyres

Do not drive any further. Inform a qualified specialist workshop as soon as possible which has the necessary specialist knowledge and tools to carry out the required work. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Flat tyre

- ▶ Do not remove any foreign bodies which have penetrated the tyre, e.g. screws or nails.
- ▶ Remove the TIREFIT kit and the accompanying "max. 80 km / h" (max. 50 mph) sticker and the electric air pump from the stowage well under the floor of the luggage compartment (▷ page 238).
- ▶ Affix the sticker in the driver's field of vision on the instrument cluster.

Risk of injury



TIREFIT must not come into contact with skin, the eyes or clothes.

- If TIREFIT comes into contact with the eyes or skin, immediately rinse thoroughly with clean water.
- Change out of clothing which has been in contact with TIREFIT immediately.
- If an allergic reaction occurs, consult a doctor immediately.

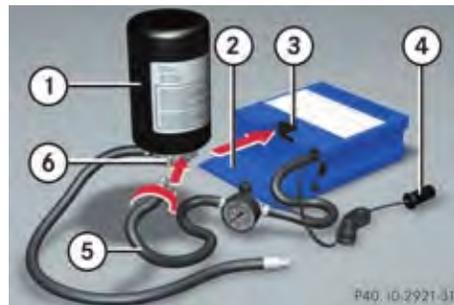
Keep TIREFIT away from children.

- If swallowed, immediately rinse the mouth thoroughly and drink a large amount of water.
- Do not induce vomiting. Consult a doctor immediately.

Do not inhale TIREFIT fumes.

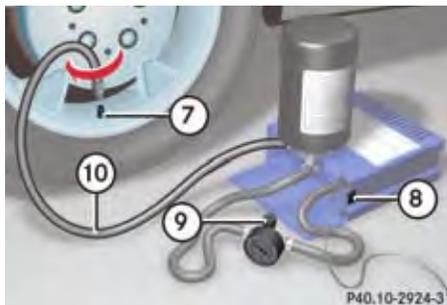


If sealant leaks out, leave it to dry. It can then be removed like a layer of film.



- ① TIREFIT sealant bottle
- ② Flap
- ③ Recess
- ④ Connector with lead
- ⑤ Electric air pump hose
- ⑥ Flange

- ▶ Open flap ② of the electric air pump.
- ▶ Pull connector ④ and hose ⑤ with the pressure gauge out of the housing.
- ▶ Screw hose ⑤ of the electric air pump onto flange ⑥ of sealant bottle ①.
- ▶ Push the sealant bottle down with the head pointing downwards into recess ③ on the electric air pump.



- ⑦ Valve
 - ⑧ Switch
 - ⑨ Pressure gauge with pressure release screw
 - ⑩ Filler hose
- ▶ Remove the valve cap from the valve on the faulty tyre.
 - ▶ Make sure that the pressure release screw on pressure gauge ⑨ is closed.
 - ▶ Screw filler hose ⑩ onto valve ⑦.

Risk of injury



Comply with the manufacturer's safety instructions as seen on the sticker on the electric air pump.

- ▶ Insert connector ④ into the cigarette lighter socket (▷ page 189).
- ▶ Turn the key to position **1** (▷ page 31) in the ignition lock.
- ▶ Press switch ⑧ on the electric air pump to **I**.

The electric air pump is switched on. The tyre is pumped up. After five minutes, a tyre pressure of at least 1.8 bar should be achieved.



Flat tyre



Do not operate the electric air pump for longer than eight minutes without a break. It could otherwise overheat.

The air pump can be used again once it has cooled down.

If this tyre pressure is not achieved:

- ▶ Switch off the electric air pump, remove it and drive the vehicle approximately 10 m forwards or backwards.

This distributes the TIREFIT sealant more evenly.

- ▶ Remove the sealant bottle from the electric pump.
- ▶ Pump up the tyre again.

Risk of accident



If a tyre pressure of 1.8 bar still cannot be obtained after five minutes, the tyre is too badly damaged.

Do not drive any further. Inform a qualified specialist workshop as soon as possible which has the necessary specialist knowledge and tools to carry out the required work. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

- ▶ If you have obtained a tyre pressure of 1.8 bar, press the switch on the electric air pump to **0**.
The electric air pump is switched off.
- ▶ Disconnect the electric air pump.
- ▶ Pull away immediately.
This allows the TIREFIT sealant to distribute throughout the tyre.
- ▶ Stop after driving about ten minutes and check the tyre pressure using the electric air pump.

Risk of accident

If tyre pressure is less than 1.3 bar, the tyre is too badly damaged.

Do not drive any further. Inform a qualified specialist workshop as soon as possible which has the necessary specialist knowledge and tools to carry out the required work. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

- ▶ If the tyre pressure still reads at least 1.3 bar, correct it (for values see filler flap).

Increasing the tyre pressure

- ▶ Switch on the electric air pump.

Reducing the tyre pressure

- ▶ Open the pressure release screw on pressure gauge ⑨.
- ▶ Drive to the nearest workshop and have the tyre replaced.
- ▶ Have the TIREFIT kit replaced as soon as possible at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.

Risk of accident

Do not exceed the maximum speed of 50 mph (80 km/h).

The "max. 80 km/h" (max. 50 mph) sticker must be attached to the instrument cluster within the driver's field of vision.

The vehicle's handling characteristics could be affected.

Environmental note

Have the used TIREFIT disposed of professionally, e.g. at a Mercedes-Benz Service Centre.

- ▶ Have the TIREFIT kit replaced every four years at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.

Flat tyre**Changing a wheel and fitting the spare wheel*****Preparing the vehicle**

- ▶ Prepare the vehicle as described (▷ page 281).
- ▶ Make sure that the steering wheel is centred and locked.
- ▶ Take the following items from the stowage well under the luggage compartment floor (▷ page 237).
 - the spare wheel* (if needed)
 - the vehicle tool kit and the jack

Risk of injury

The jack is only designed to raise the car for a short time when changing a wheel.

If you intend to work under the vehicle, place the vehicle on stands.

Prepare the vehicle as described (▷ page 281).

Ensure that the standing surface is firm and even. If the ground is loose, use a stable, anti-slip support plate for the jack.

The engine must not be started at any time while you are changing the wheel.

Do not crawl under the vehicle while it is supported by the jack. If you do not raise the vehicle in the way described, it could slip off of the jack (e.g. when the engine is started, the doors or tailgate opened or closed).

Raising the vehicle

- ▶ Prevent the vehicle from rolling away using chocks or similar:
 - ▶ On a level road:
Place the chocks in front of and behind the wheel diagonally opposite the wheel you wish to change.
 - ▶ On uphill gradients:
Place chocks behind both wheels on the other axle.



Steel wheel with wheel trim

Vehicles with steel wheels

- ▶ Carefully grasp the wheel trim with both hands in the holes and pull the wheel trim off.



Light-alloy wheel

Vehicles with steel or light-alloy wheels

- ▶ Loosen the wheel bolts on the wheel you wish to change by about one turn using the wheel wrench. Do not remove them.

The jacking points are located behind the wheel housings of the front wheels and in front of the wheel housings of the rear wheels. The precise location of the jacking points is indicated by markings on the sill panel.



Flat tyre



① Jacking point

② Jack

- ▶ Apply jack ② at appropriate jacking point ①.

While jacking, take care to ensure that

- the base of the jack is directly below jacking point ①.
- the base of the jack is standing on the middle support surface, even on slopes.
- the plate of the jack completely envelops jacking point ①.

- ▶ Take the ratchet from the vehicle tool kit.

- ▶ Plug the ratchet onto the jack, making sure that the letters **AUF** are visible.
- ▶ Move the ratchet back and forth until the tyre is at most 3 cm from the ground.

When doing so, the base of the jack may move to one of the side support surfaces.

Risk of accident



Only apply jack ② at intended jacking points ①.

If jack ② is not aligned correctly, the vehicle could slip off the jack, injuring yourself or others.

Removing a defective wheel



Do not place wheel bolts in sand or on a dirty surface. The thread of the bolts and wheel hubs could otherwise be damaged.

- ▶ Unscrew the remaining wheel bolts.
- ▶ Remove the wheel.

Fitting a new wheel

Risk of accident



Only use the wheel bolts supplied.

Spare wheel*: On vehicles that have factory-fitted light-alloy wheels but a steel spare wheel, it is essential that you use the wheel bolts provided with the spare wheel.

Replace damaged or corroded wheel bolts.

Never oil or grease wheel bolts.

- ▶ Clean the contact surfaces on the wheel and wheel hub.



Flat tyre

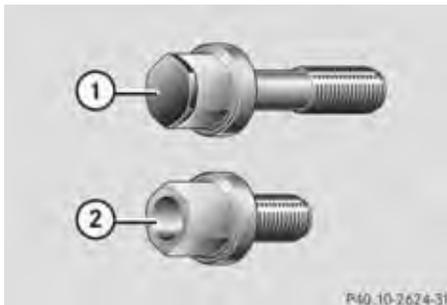
Risk of accident



If a wheel hub thread is damaged, do not drive any further. Inform a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the required work. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre or "Service 24h" for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Only use wheel bolts which are designed for the wheel and the vehicle. For reasons of safety, Mercedes-Benz recommends that you only use wheel bolts which have been approved for Mercedes-Benz. Other bolts could work loose.

Do not tighten the wheel bolts completely while the vehicle is still jacked up. The vehicle could otherwise tip.



Wheel bolts

- ① Wheel bolts for light-alloy wheels only
- ② Wheel bolts for steel wheels only



- ▶ Slide the wheel onto the hub.
- ▶ Turn the wheel on the hub until the holes on the wheel are aligned with the threads in the hub.



P40.10-2626-31

Lowering the vehicle

- ▶ Plug the ratchet onto the jack, making sure that the letters **AB** are visible.
- ▶ Lower the vehicle. Move the ratchet back and forth until the vehicle is again in firm contact with the ground.
- ▶ Place the jack to one side.

- ▶ Screw in the wheel bolts and tighten them finger-tight.



P40.10-2627-31

① - ⑤ Wheel bolts

- ▶ Tighten the wheel bolts evenly in the diagonal sequence shown. The tightening torque must be **110 Nm**.



Flat tyre

Risk of accident



Have the tightening torque checked without delay after every wheel change. The wheel bolts may work loose if they are not tightened with a torque of **110 Nm**.

- ▶ Turn the jack back to its initial position and return it to the boot together with the rest of the vehicle tools.
- ▶ Check the tyre pressure and correct it as necessary (for values, see fuel filler flap).



Wheel trim

Vehicles with steel wheels

- ▶ Fit the wheel trim with the valve hole over the valve and press onto the wheel in this position.
- ▶ Press the wheel trim against the wheel opposite the tyre valve until it engages.

Make sure that the retaining cams on the wheel trim fit into the wheel.

Risk of accident



Model A 210 EVOLUTION vehicles and vehicles with optional wide tyres:

The wheel and tyre sizes for the spare* and standard wheels are different. Handling performance is impaired when the spare wheel* is used.

Do not exceed the maximum speed of 50 mph (80 km/h).

Have the spare wheel* replaced with a new wheel at the nearest qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.

Never drive the vehicle with more than one spare wheel* fitted.

Bleeding the fuel system on vehicles with diesel engine

▼ Bleeding the fuel system on vehicles with diesel engine

If the engine has been run until the fuel tank is empty, it can happen that the engine will not start immediately as there may still be air in the fuel system.

After refuelling:

- ▶ Turn the starter motor for up to 40 seconds without interruption until the engine is running smoothly.

If the engine does not start:

- ▶ Wait for about two minutes.
- ▶ Then turn the starter motor again for up to 40 seconds without interruption until the engine is running smoothly.

If this attempt also fails, do not make any further starting attempts. Inform a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Battery

▼ Battery

Your vehicle is equipped with a battery in the front-passenger footwell. The main fuse box is also located there.

The battery must always be sufficiently charged so that it achieves its intended service life.

Have the battery charge checked more frequently and recharged if necessary if you use the vehicle mainly for short trips or if you leave it parked up for a lengthy period.

For reasons of safety, Mercedes-Benz recommends that you only replace batteries with those which have been approved for Mercedes-Benz.

If you wish to leave your vehicle parked up for an extended period, seek advice in a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.



Comply with safety precautions and protective measures when you handle batteries.



Risk of explosion



Avoid the creation of sparks, keep naked flames away from the battery and do not smoke.



Battery acid is caustic. Avoid contact with the skin, eyes or clothing.

Immediately rinse acid splashes off with clean water. Consult a doctor if necessary.



Wear eye protection.



Keep children away.

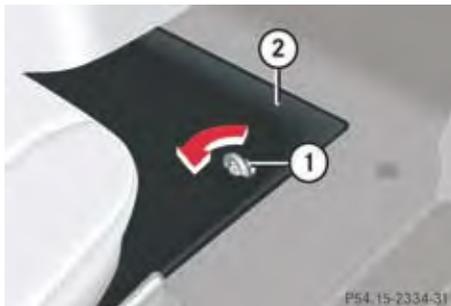


Observe this Owner's Manual.

Environmental note



Do not dispose of batteries with the household rubbish. Take a defective battery to a Mercedes-Benz Service Centre or a special collection point for old batteries.



- ① Tab
- ② Cover

- ▶ Remove the floormat.
- ▶ Turn tab ① up and turn it anti-clockwise.
- ▶ Lift up cover ②.
- ▶ Remove the cover mat from over the battery.



- ① Negative terminal
- ② Positive terminal
- ③ Battery holder
- ④ Breather hose



Remove the key from the ignition lock before disconnecting or reconnecting the battery terminal clamps. You may otherwise damage electronic components such as the alternator beyond repair.

Risk of injury



Do not place any metal objects on the battery. Doing so may cause a short-circuit.

Use only impact-resistant batteries to avoid acid burns to vehicle occupants in the event of an accident.

Battery**Disconnecting and reconnecting the battery*****Disconnecting the battery***

- ▶ Switch all electrical consumers off.
- ▶ Undo the negative terminal of the battery using a 10 mm open-jaw spanner.
- ▶ Remove the cap from the positive terminal.
- ▶ Remove the positive terminal from the battery.



When you have disconnected the battery, you can no longer turn the key in the ignition lock.

Reconnecting the battery

Never interchange the terminal clamps.

- ▶ Switch all electrical consumers off.
- ▶ Connect up the positive terminal and secure its cover.
- ▶ Connect up the negative terminal.



If the power supply has been interrupted (e.g. it has been reconnected), you must carry out the following tasks:

- Reset ESP (▷ page 257).
- Reset the clock (▷ page 102).
- Re-enter the radio code (see the radio operating instructions).
- Reset the side windows (▷ page 133).

Removing the battery

- ▶ Disconnect the battery (▷ page 296).
- ▶ Pull the breather hose from the battery.
- ▶ Unscrew the battery holder used to prevent the battery from slipping.
- ▶ Remove the battery.
- ▶ Re-install the battery by reversing the above sequence. Make sure the breather hose is routed so that it is taut.

Charging the battery

- ▶ Remove the battery.
- ▶ Charge the battery. Follow the operating instructions for the battery charger.
- ▶ Re-install the battery.

Risk of injury

Never charge the battery when it is fitted in the vehicle. As the battery is being charged, gases can escape and generate minor explosions, which may cause damage to the paintwork, acid corrosion on the vehicle or injury to yourself or others.

Jump-starting

▼ Jump-starting

If your vehicle's battery is flat, the engine can be started from another vehicle using jump leads.

Please note:

- Jump-starting must only be performed when the engine and catalytic converter are cold.
- Do not start the engine if the battery has frozen. Let the battery thaw out first.
- Jump-starting may only be performed from batteries with the same nominal voltage.
- Only use jump leads of adequate cross-section with insulated battery terminal clamps.



Avoid repeated and lengthy starting attempts.

Never start the vehicle using a rapid battery charger.

Risk of acid burns



Do not lean over the battery while the engine is being jump-started.

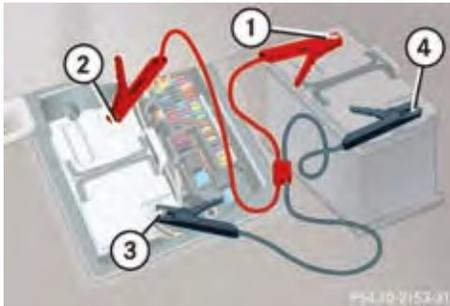
Risk of explosion



Avoid creating sparks. Keep naked flames away from the battery, and do not smoke.

Comply with safety precautions and special protective measures when handling batteries (▷ page 294).

- ▶ Make sure that the two vehicles do not touch.
- ▶ Switch all electrical consumers off.



- ① Positive terminal of second battery
- ② Positive terminal on your vehicle
- ③ Negative terminal on your vehicle
- ④ Negative terminal of second battery

- ▶ Connect positive terminal ① to positive terminal ② on your own vehicle with the jump leads. Start with second battery ①.

- ▶ Run the other vehicle's engine at idling speed.
- ▶ Connect negative terminal ④ of the second battery to negative terminal ③ on your own vehicle with the jump leads. Start with second battery ④.
- ▶ Start the engine.
- ▶ You may switch on electrical consumers again. Do not under any circumstances switch on the lights.

- ▶ Undo the jump leads first from negative terminals ③ and ④ of the batteries, then from positive terminals ① and ②.
- ▶ Have the battery checked at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.

Towing and tow-starting

▼ Towing and tow-starting

Risk of accident



If the engine can no longer be started, have your vehicle towed using a towing bar.

If the engine is not running, there is no power steering assistance or brake servo assistance. You will then need far greater effort to steer and brake the vehicle.

If you are to tow or tow-start another vehicle, the weight of the vehicle to be towed must not be greater than the maximum gross vehicle weight of your own vehicle.

Comply with local stipulations regarding towing vehicles.

Having the vehicle carried away on a transporter or trailer is preferable to towing. We recommend using a rigid towing bar if towing is necessary.



Deactivate the automatic locking feature while driving before towing. You could otherwise become locked out when pushing or towing the vehicle.



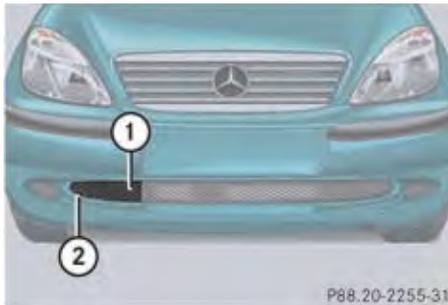
Secure the tow rope or bar to the towing eye only. The vehicle could otherwise be damaged.

Towing and tow-starting

Front towing eye

Classic model

The towing eye is located behind the flap in the area of the air intake, on the right-hand side, viewed in the direction of travel.



- ① To press in
- ② Remove

Removing the flap

- ▶ Press the top right of flap ① in.
The flap will move forwards.
- ▶ Pull the bottom of flap ② out.

Installing the flap

- ▶ Align the flap at the bottom and press it in.

Avantgarde and Elegance models

The towing eye is located behind the bumper brace, on the right-hand side, viewed in the direction of travel.



- ① Recess

Removing the brace

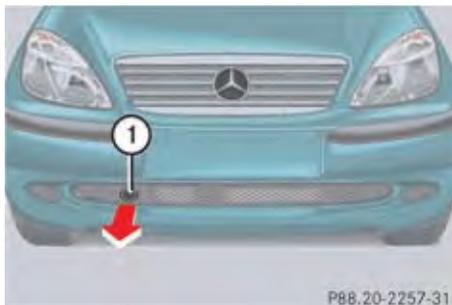
- ▶ Reach from the bottom left into recess ① and pull the brace off.

Installing the brace

- ▶ Align the brace in its original position and press it in.

Towing and tow-starting**A 210 EVOLUTION and AMG special equipment**

The towing eye is located behind the flap, on the right-hand side, viewed in the direction of travel.



① Flap

Removing the flap

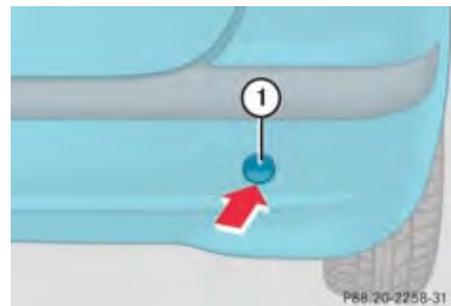
- ▶ Pull flap ① forwards from its retainer.

Installing the flap

- ▶ Clip flap ① on the outside and engage it on the inside.

Rear towing eye

The socket for the bolt-on towing eye is in the bumper, behind the cover on the right-hand side, viewed in the direction of travel.



① Cover

Installing the towing eye

- ▶ Press cover ① in at the marking and fold it away from the opening.

Do not pull cover ① away.

- ▶ Take the towing eye and the wheel wrench from the vehicle tool kit (▷ page 237).
- ▶ Screw in the towing eye clockwise to the stop.
- ▶ Feed the handle of the wheel wrench through the towing eye and turn it tight.

Removing the towing eye

- ▶ Take the wheel wrench from the vehicle tool kit (▷ page 237).
- ▶ Feed the handle of the wheel wrench through the towing eye and turn the wheel wrench anti-clockwise.
- ▶ Unscrew the towing eye.
- ▶ Push cover ① down and press it in at the top until it engages.
- ▶ Put the towing eye and the wheel wrench back into the vehicle tool kit.

Towing



The engine must not be running if the vehicle is to be towed away with the rear axle raised.

Application of the brakes by ESP would otherwise damage the braking system on the front axle beyond repair.

Vehicles with manual transmission

- ▶ Switch the ignition on (turn the key to position **2** in the ignition lock).
- ▶ Make sure that no gear is engaged.

Towing and tow-starting

Vehicles with manual transmission and automatic clutch system*

- ▶ Switch the ignition on (turn the key to position **2** in the ignition lock).
- ▶ Make sure that no gear is engaged.



You will not be able to change gear if the battery is heavily discharged.

To enable you to shift the transmission to neutral, the battery must be

- charged (▷ page 297)
- provided with current from a second battery, please refer to the section headed "Jump-starting" (▷ page 298)

Vehicles with automatic transmission*

- ▶ Switch the ignition on (turn the key to position **2** in the ignition lock).
- ▶ Shift the selector lever to **N**.



Do not tow the vehicle more than 30 miles (50 km). The transmission could be damaged if the maximum towing speed of 30 mph (50 km/h) is exceeded.

Only tow the vehicle with the front axle raised if

- you need to tow the vehicle for a longer distance
- the transmission has been damaged

Tow-starting (emergency engine start)

Points to remember:

- Vehicles with automatic transmission* must not be started by tow-starting.
- The battery must be connected.
- The engine and the catalytic converter must be cold.
- Avoid repeated or lengthy attempts to start the engine.

Vehicles with manual transmission

- ▶ Switch the ignition on (turn the key to position **2** in the ignition lock).
- ▶ Make sure that no gear is engaged.
- ▶ Tow the vehicle to set it in motion, or allow it to roll.
- ▶ Engage a suitable gear and gradually release the clutch. Do not open the throttle.

The engine is started.

Vehicles with manual transmission and automatic clutch system*

- ▶ Switch the ignition on (turn the key to position **2** in the ignition lock).
- ▶ Make sure that no gear is engaged.
- ▶ Tow the vehicle to set it in motion, or allow it to roll.
- ▶ Engage a suitable gear. Do not open the throttle.
- ▶ The clutch will slowly engage and the engine will start.

Transporting the vehicle

You may use the towing eyes to pull the vehicle onto a trailer or special transporter for transportation.

Make sure that no gear is engaged. On vehicles with automatic transmission*, move the selector lever to **N**.



Lash the vehicle securely by the wheels.

The vehicle could otherwise be damaged.

Fuses

▼ Fuses

Your vehicle's fuses are located in different fuse boxes:

- in the front-passenger footwell
- in the left-hand side of the cockpit (viewed in the direction of travel)

The following accessories can be found

- in the main fuse box in the front-passenger footwell:
Spare fuses and fuse allocation diagram. The ampere rating of the fuses can also be found there.
- with the vehicle tool kit in the stowage well under the floor of the luggage compartment:
Fuse extractor

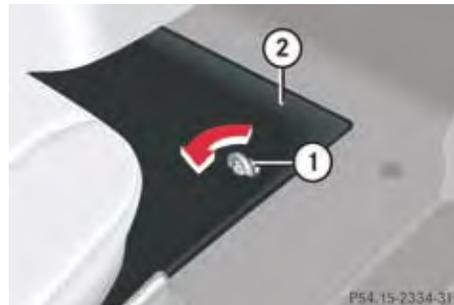


Only use fuses with an amperage which has been recommended for Mercedes-Benz. A Mercedes-Benz Service Centre will be happy to advise you.

Do not attempt to repair or bridge faulty fuses. Have the cause traced and rectified at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.

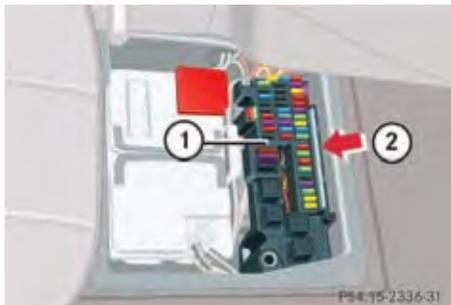
Main fuse box

The main fuse box is located in the front-passenger footwell in front of the seat.



- ① Tab
- ② Cover

- ▶ Remove the floormat.
- ▶ Turn tab ① up and turn it anti-clockwise.
- ▶ Lift up cover ②.
- ▶ Remove the cover mat from over the battery.



- ① Main fuse box
- ② Fuse allocation diagram

Additional fuse box in the cockpit

An additional fuse box is located at the side of the cockpit.



- ① Cover

Opening

- ▶ Insert a screwdriver or similar (arrow).
- ▶ Prise cover ① off with the screwdriver or similar.
- ▶ Pull cover ① outwards.

Closing

- ▶ Clip cover ① in at the front.
- ▶ Fold in cover ① until it engages.

Genuine Mercedes-Benz parts

Vehicle electronics

Vehicle identification plates

Engine

Performance

Tyres and wheels

Vehicle dimensions

Trailer tow hitch

Vehicle weights

Service products and capacities



Genuine Mercedes-Benz parts

The "Technical data" section contains the technical data applicable to your vehicle. The values given are in part provisional or calculated values. Final values and missing data were not available as this Owner's Manual went to press.

▼ Genuine Mercedes-Benz parts

Mercedes-Benz tests genuine parts, and conversion parts and accessories which have been specifically approved for your vehicle in terms of their reliability, safety and suitability.

Despite ongoing market research, Mercedes-Benz is unable to guarantee other parts. Mercedes-Benz therefore accepts no responsibility for the use of such parts in Mercedes-Benz vehicles, even if they have been independently or officially approved.

In Germany and other countries, certain parts are only officially approved for installation or modification work if they comply with legal requirements. All genuine Mercedes-Benz parts satisfy these regulations.

Make sure that any replacement parts used are suitable for your vehicle. In many countries parts that constitute a modification to the vehicle could invalidate the vehicle's general operating permit. This is the case if:

- changing the type of vehicle approved in the general operating permit
- creating a possible risk for road users
- adversely affecting the vehicle's emissions or noise levels

The use of non-approved parts could jeopardise the safety of the vehicle.

For this reason, Mercedes-Benz recommends genuine Mercedes-Benz parts, and conversion parts and accessories which have been approved for your vehicle.

Environmental note

DaimlerChrysler also supplies reconditioned assemblies and parts which are of the same quality as new parts. These parts have the same warranty as new parts.

You can obtain genuine Mercedes-Benz parts and approved conversion parts and accessories from any Mercedes-Benz Service Centre. Here you will receive advice about technical modifications, and the parts will be professionally fitted.

Always quote the vehicle identification number and the engine number when ordering genuine parts. You will find these numbers on the vehicle data card in the Service Booklet or on your vehicle's identification plates (▷ page 314).

Vehicle electronics

▼ Vehicle electronics

Tampering with the engine electronics



Have the engine electronics and corresponding parts such as control units, sensors or connector leads serviced only at a qualified specialist workshop which possesses the necessary specialist knowledge and tools for the required work. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Risk of accident



Always have work on the engine electronics and associated parts carried out at a qualified specialist workshop which has the necessary specialist knowledge and tools for the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Road safety could otherwise be affected.

Retrofitting electrical / electronic equipment

Electrical and electronic equipment can jeopardise the operational safety of your vehicle. If equipment of this kind is retrofitted, it must be type-approved and bear the **e** mark. The proof is to be provided by the equipment manufacturer or a testing authority.

If you wish to install telephones or two-way radios in the vehicle, you must obtain formal approval. Installation of mobile phones and two-way radios with the maximum permitted transmission output listed (▷ page 313) is approved by Mercedes-Benz provided that they are installed professionally and a reflection-free external aerial is used.

Risk of accident



Mobile phones or two-way radios operated in the vehicle

- without an external aerial
 - without a reflection-free external aerial
 - with an incorrectly fitted external aerial
- may interfere with the vehicle's electronics, thereby jeopardising the vehicle's operating safety and your own safety. The increased electromagnetic radiation could also endanger health.

You should therefore always have the external aerial fitted at a qualified specialist workshop which has the necessary specialist knowledge and tools for the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Frequency range	Maximum transmission output (watts)
Short wave (< 50 MHz)	100
4 m band	20
2 m band	50
70 cm band	35
25 cm band	10



If electrical or electronic equipment which does not fulfil these conditions is retrofitted, the vehicle's general operating permit may be invalidated (EU Directive 95/54/EC – electromagnetic compatibility of vehicles).

Vehicle identification plates

▼ Vehicle identification plates

Paint number

The vehicle identification plate with the paint number is located in the door frame on the front-passenger side.



- ① Vehicle identification plate with paint number

Engine number

The engine number is engraved on the engine.



- ① Engine number

Vehicle identification number

The vehicle identification number is located on the front bulkhead in the engine compartment.



- ① Vehicle identification number

▼ Engine



The technical data was determined in accordance with the relevant EU directives. All data applies to the vehicle's standard equipment. The data may therefore differ for vehicles with optional equipment. You can obtain further information from any Mercedes-Benz Service Centre.



You will find information about your vehicle's noise level in the vehicle document wallet or the vehicle registration papers.

Engine

Short wheelbase	A 140	A 160	A 160 CDI	A 170 CDI	A 190	A 210 EVOLUTION
Rated output in kW	60	75	55	70	92	103
Rated output in bhp	82	102	75	95	125	140
at engine speed (rpm)	5,000	5,250	3,600	4,200	5,500	5,500
Rated torque (Nm)	130	150	160	180	180	205
at engine speed (rpm)	3,750	4,000	1,500 – 2,800	1,600 – 3,600	4,000	4,000
Number of cylinders	4	4	4	4	4	4
Valves per cylinder	2	2	4	4	2	2
Displacement (cm ³)	1,397	1,598	1,689	1,689	1,898	2,084
Maximum engine speed (rpm)	6,000	6,000	4,200	4,800	6,000 ¹	6,000 ²

1 Continuous engine speed 6,000 rpm – manual transmission: 6,500 rpm briefly; automatic transmission: 6,300 rpm briefly.

2 Continuous engine speed 6,000 rpm – manual transmission: 6,600 rpm briefly; automatic transmission: 6,400 rpm briefly.

Long wheelbase*	A 140	A 160	A 170 CDI	A 190	A 210 EVOLUTION
Rated output in kW	60	75	70	92	103
Rated output in bhp	82	102	95	125	140
at engine speed (rpm)	5,000	5,250	4,200	5,500	5,500
Rated torque (Nm)	130	150	180	180	205
at engine speed (rpm)	3,750	4,000	1,600 – 3,600	4,000	4,000
Number of cylinders	4	4	4	4	4
Valves per cylinder	2	2	4	2	2
Displacement (cm ³)	1,397	1,598	1,689	1,898	2,084
Maximum engine speed (rpm)	6,000	6,000	4,800	6,000 ¹	6,000 ²

1 Continuous engine speed 6,000 rpm – manual transmission: 6,500 rpm briefly; automatic transmission: 6,300 rpm briefly.

2 Continuous engine speed 6,000 rpm – manual transmission: 6,600 rpm briefly; automatic transmission: 6,400 rpm briefly.

Performance

▼ Performance



The technical data was determined in accordance with the relevant EU directives. All data applies to the vehicle's standard equipment. The data may therefore differ for vehicles with optional equipment. You may obtain further information from any Mercedes-Benz Service Centre.

Speeds

5-speed manual transmission

Maximum speed in km/h Short wheelbase	A 140	A 160	A 160 CDI	A 170 CDI	A 190	A 210 EVOLUTION
1st gear	48	48	42	40	59	59
2nd gear	81	81	72	69	101	101
3rd gear	124	124	110	105	144	144
4th gear	167	178	158	150	189	189
5th gear	170	180	162	180	198	203

Maximum speed in km/h Long wheelbase*	A 140	A 160	A 170 CDI	A 190	A 210 EVOLUTION
1st gear	48	48	40	59	59
2nd gear	81	81	69	101	101
3rd gear	124	124	105	144	144
4th gear	167	178	150	189	189
5th gear	170	180	180	198	203

Performance
5-speed automatic transmission*

Maximum speed in km/h Short wheelbase	A 140	A 160	A 160 CDI	A 170 CDI	A 190	A 210 EVOLUTION
1st gear	46	46	36	41	47	50
2nd gear	79	79	63	71	81	86
3rd gear	126	126	100	112	130	137
4th gear	165	178	146	165	193	195
5th gear	160	175	157	173	190	198

Maximum speed in km/h Long wheelbase*	A 140	A 160	A 170 CDI	A 190	A 210 EVOLUTION
1st gear	46	46	41	47	50
2nd gear	79	79	71	81	86
3rd gear	126	126	112	130	137
4th gear	165	178	165	193	195
5th gear	160	175	173	190	198

Acceleration

from 0 to 100 km/h in seconds Short wheelbase	A 140	A 160	A 160 CDI	A 170 CDI	A 190	A 210 EVOLUTION
5-speed manual transmission	12.9	10.8	15.1	12.1	8.8	8.2
5-speed automatic transmission*	14.6	11.9	16.8	13.2	10.2	9.0

from 0 to 100 km/h in seconds Long wheelbase*	A 140	A 160	A 170 CDI	A 190	A 210 EVOLUTION
5-speed manual transmission	13.2	11.1	12.4	9.1	8.4
5-speed automatic transmission*	14.9	12.2	13.5	10.5	9.2

Tyres and wheels

▼ Tyres and wheels

For reasons of safety, Mercedes-Benz recommends that you only use tyres which have been specially approved by Mercedes-Benz for your vehicle. These tyres have been specially matched to the vehicle's control systems, e.g. ABS or ESP. Mercedes-Benz is unable to accept responsibility for damage resulting from other tyres being fitted. Information on tyres may be obtained from any Mercedes-Benz Service Centre.

If you fit tyres other than those approved and recommended for Mercedes-Benz, characteristics such as handling, noise emissions and fuel consumption, etc. may be adversely affected. In addition, when driving with a load, dimensional variations and different tyre deformation characteristics could cause the tyres to make contact with the bodywork and axle components. This may damage the tyre or the vehicle.



Further information on tyres and wheels is available from any Mercedes-Benz Service Centre.

You will find a table of tyre pressures on the inside of the vehicle's fuel filler flap. You will find further information about tyre pressures in the "Operation" section (▷ page 215).

Uniform tyres

	A 140, A 160, A 160 CDI, A 170 CDI	A 190
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Variant A:

Summer tyres	195/50 R15 82T	195/50 R16 84H M0
Winter tyres	185/55 R15 81T M+S	195/50 R16 84T M+S M0
Steel wheels	5½J x 15 H2 ET 54	–
Light-alloy wheels	5½J x 15 H2 ET 54	5½J x 16 H2 ET 54

Variant B:

Summer tyres	205/45 R16 83H M0*	205/45 R16 83H M0*
Light-alloy wheels	6½J x 16 H2 ET 56*	6½J x 16 H2 ET 56*

Spare wheel*:

Summer tyres	195/50 R15 82T	195/50 R16 84H M0 205/45 R16 83H M0*
Steel wheels	5½J x 15 H2 ET 54	–
Light-alloy wheels	–	5½J x 16 H2 ET 54 6½J x 16 H2 ET 56*

Tyres and wheels**A 210
EVOLUTION****Front axle:****Summer tyres** 205/40 ZR17 M0¹**Light-alloy wheels** 7J x 17 H2 ET 57**Rear axle:****Summer tyres** 205/40 ZR17 M0¹**Light-alloy wheels** 7J x 17 H2 ET 49**Both axles:****Winter tyres** 195 /50 R16 84T M+S M0**Light-alloy wheels** 5½J x 16 H2 ET 54**Spare wheel*:****Summer tyres** 195/50 R16 84H M0**Light-alloy wheels** 5½J x 16 H2 ET 54

¹ The use of snow chains is not permitted.

AMG special equipment

	A 140, A 160, A 160 CDI, A 170 CDI	A 190
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Front axle:

Summer tyres	205/40 ZR17 M0 ¹	205/40 ZR17 M0 ¹
Light-alloy wheels	7J x 17 H2 ET 57	7J x 17 H2 ET 57

Rear axle:

Summer tyres	205/40 ZR17 M0 ¹	205/40 ZR17 M0 ¹
Light-alloy wheels	7J x 17 H2 ET 49	7J x 17 H2 ET 49

Both axles:

Winter tyres	185/55 R15 81T M+S	195/50 R16 84T M+S M0
Light-alloy wheels	5½J x 15 H2 ET 54	5½J x 16 H2 ET 54
Steel wheels	5½J x 15 H2 ET 54	-

Spare wheel:

Summer tyres	195/50 R15 82T	195/50 R16 84H M0
Light-alloy wheels	-	5½J x 16 H2 ET 54
Steel wheels	5½J x 15 H2 ET 54	-

¹ The use of snow chains is not permitted.

Tyres and wheels

Tyre speed index

The speed index is part of the tyre designation. It indicates the speed range for which a tyre is suitable.

Index	Speed
T	up to 190 km/h
H	up to 210 km/h
V	up to 240 km/h

Index	Speed
W	up to 270 km/h
Y	up to 300 km/h
ZR	over 240 km/h

Snow chains

Snow chains	Rudmatic snow chains	Rudmatic snow chains ¹
	Part no. B 675 80 275	Part no. B 675 80 231
	Disc snow chains	Disc snow chains ^{1, 2}
	Part no. B 675 50 010	Part no. B 675 50 011
for tyres:		
	185/55 R15	195/50 R16
	195/50 R15	205/45 R16

1 These snow chains are only approved as a starting aid with 205/45 R 16 tyres.

2 Not approved for wheel with part number B 664 71 362.

▼ Vehicle dimensions

Short wheelbase	A 140	A 160	A 160 CDI	A 170 CDI	A 190	A 210 EVOLUTION
Vehicle length	3,606 mm	3,606 mm	3,606 mm	3,606 mm	3,606 mm	3,640 mm
Vehicle width	1,719 mm	1,719 mm	1,719 mm	1,719 mm	1,719 mm	1,719 mm
Vehicle height ¹	1,575 mm	1,575 mm	1,575 mm	1,575 mm	1,587 mm	1,587 mm
Wheelbase	2,423 mm	2,423 mm	2,423 mm	2,423 mm	2,423 mm	2,423 mm

Long wheelbase*	A 140	A 160	A 170 CDI	A 190	A 210 EVOLUTION
Vehicle length	3,776 mm	3,776 mm	3,776 mm	3,776 mm	3,810 mm
Vehicle width	1,719 mm	1,719 mm	1,719 mm	1,719 mm	1,719 mm
Vehicle height ¹	1,589 mm	1,589 mm	1,589 mm	1,601 mm	1,601 mm
Wheelbase	2,593 mm	2,593 mm	2,593 mm	2,593 mm	2,593 mm

¹ At unladen vehicle weight as per DIN 70020.

Trailer tow hitch

▼ Trailer tow hitch

Installation dimensions

Risk of accident

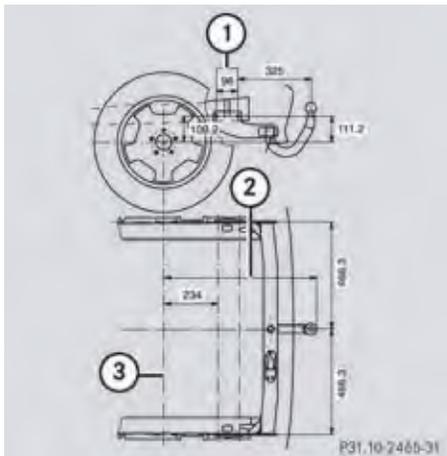


Only have a trailer tow hitch retrofitted at a qualified specialist workshop which has the necessary specialist knowledge and tools for the required work. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.



Depending on the model version involved, modifications may be necessary to the cooling system if you have a trailer tow hitch retrofitted.

Trailer towing is not permissible with the A 210 EVOLUTION model.



Trailer tow hitch mounting points

- ① Mounting points
- ② Overhang dimension
- ③ Rear axle centre line

With a factory-fitted trailer tow hitch, the overhang dimension is 680 mm.

Trailer weights

With a minimum gradient-climbing ability from a standstill of 12%.

Short wheelbase

Maximum permissible trailer weights, trailer braked	A 140	A 160	A 160 CDI	A 170 CDI	A 190
Vehicles with manual transmission (without air conditioning)	1,000 kg	1,000 kg	1,000 kg	1,000 kg	800 kg ¹
Vehicles with manual transmission and air conditioning	1,000 kg	1,000 kg	800 kg ¹	800 kg ¹	1,000 kg
Vehicles with automatic transmission (without air conditioning)	1,000 kg	1,000 kg	800 kg ¹	800 kg ¹	800 kg ¹
Vehicles with automatic transmission and air conditioning	1,000 kg	1,000 kg	800 kg	800 kg	800 kg ¹
Maximum permissible trailer weights, trailer unbraked	400 kg	400 kg	400 kg	400 kg	400 kg
Maximum drawbar noseweight	50 kg	50 kg	50 kg	50 kg	50 kg

¹ Maximum trailer weight (braked) for up to 8% gradient: 1,000 kg.



Trailer towing is not permissible with the A 210 EVOLUTION model.

Trailer tow hitch

Long wheelbase*

Maximum permissible trailer weights, trailer braked	A 140	A 160	A 170 CDI	A 190
Vehicles with manual transmission (without air conditioning)	1,000 kg	1,000 kg	1,000 kg	800 kg ¹
Vehicles with manual transmission and air conditioning	1,000 kg	1,000 kg	800 kg ¹	1,000 kg
Vehicles with automatic transmission (without air conditioning)	1,000 kg	1,000 kg	800 kg ¹	800 kg ¹
Vehicles with automatic transmission and air conditioning	1,000 kg	1,000 kg	800 kg	800 kg ¹
Maximum permissible trailer weights, trailer unbraked	400 kg	400 kg	400 kg	400 kg
Maximum drawbar noseweight	50 kg	50 kg	50 kg	50 kg

1 Maximum trailer weight (braked) for up to 8% gradient: 1,000 kg.



Trailer towing is not permissible with the A 210 EVOLUTION model.

▼ Vehicle weights

Short wheelbase	A 140	A 160	A 160 CDI	A 170 CDI	A 190	A 210 EVOLUTION
Unladen weight ¹ (DIN 70020)	1,030 kg	1,040 kg	1,080 kg	1,085 kg	1,080 kg	1,090 kg
Maximum permissible gross vehicle weight	1,490 kg	1,500 kg	1,540 kg	1,545 kg	1,540 kg	1,550 kg
Max. permissible front axle load	735 kg	745 kg	795 kg	795 kg	770 kg	775 kg
Max. permissible rear axle load	755 kg	755 kg	745 kg	750 kg	770 kg	775 kg
Trailer towing only ² : Max. permissible rear axle load	810 kg	810 kg	800 kg	805 kg	825 kg	- ⁴
Maximum luggage compartment payload ³	100 kg	100 kg	100 kg	100 kg	100 kg	100 kg
Maximum roof load	50 kg	50 kg	50 kg	50 kg	50 kg	50 kg

1 Unladen weight as per EC Directive 92/2 comprising unladen weight (DIN 70020) plus driver (68 kg), luggage (7 kg) and all fluids (tank 90% full).
Optional extras will increase the car's unladen weight and therefore lower the maximum payload.

2 Rear axle load increased when trailer towing in accordance with Council Directive 92/21/EEC as amended by 95/48/EC.

3 With rear seats installed.

4 Trailer towing not permissible.

Vehicle weights

Long wheelbase*	A 140	A 160	A 170 CDI	A 190	A 210 EVOLUTION
Unladen weight¹ (DIN 70020)	1,060 kg	1,070 kg	1,115 kg	1,110 kg	1,120 kg
Maximum permissible gross vehicle weight	1,580 kg	1,590 kg	1,635 kg	1,630 kg	1,640 kg
Max. permissible front axle load	760 kg	765 kg	810 kg	785 kg	790 kg
Max. permissible rear axle load	820 kg	825 kg	825 kg	845 kg	850 kg
Trailer towing only²: Max. permissible rear axle load	845 kg	855 kg	850 kg	870 kg	- ⁴
Maximum luggage compartment payload³	100 kg	100 kg	100 kg	100 kg	100 kg
Maximum roof load	50 kg	50 kg	50 kg	50 kg	50 kg

- 1 Unladen weight as per EC Directive 92/2 comprising unladen weight (DIN 70020) plus driver (68 kg), luggage (7 kg) and all fluids (tank 90% full).
Optional extras will increase the car's unladen weight and therefore lower the maximum payload.
- 2 Rear axle load increased when trailer towing in accordance with Council Directive 92/21/EEC as amended by 95/48/EC.
- 3 With rear seats installed.
- 4 Trailer towing not permissible.

▼ Service products and capacities

Service products are fuels, lubricants (e.g. engine oil, transmission oil, greases), coolant and brake fluid.

For reasons of safety, Mercedes-Benz recommends that you use products listed in the Mercedes-Benz Owner's Manual which have been tested and approved for Mercedes-Benz, because

- parts and service products are matched to each other
- damage resulting from the use of service products which have not been approved is not covered by our warranty.

You can obtain further information from any Mercedes-Benz Service Centre.

Risk of accident



When handling, storing and disposing of service products, please observe the relevant regulations. Service products could otherwise endanger people and the environment.

Keep service products away from children.
Consult a doctor immediately if any service product is swallowed.

Environmental note



Dispose of service products in an environmentally responsible manner.

Fuels

Risk of injury



Fuel is highly flammable.

Smoking, fire and naked flames are prohibited when handling fuels.

Do not allow fuel to come into contact with skin or clothing.

Your health may be damaged if

- you spill fuel onto your bare skin
- you inhale fuel vapours.

Service products and capacities

Tank capacity

Total capacity:	approx. 54 litres
Including reserve fuel:	approx. 6 litres

You will find further information about fuels in the "Operation" section (> page 201).

Fuel consumption

The consumption values were determined in accordance with EU Directive 1999 / 100 / EC under the following test conditions:

- Inner-city driving conditions are simulated by frequent pulling away and stopping.
- Common extra-urban driving conditions are simulated by accelerating from 0 to 75 mph (120 km/h) using all gears.
- Total fuel consumption is calculated using a weighting of approximately 37% for inner-city driving and approximately 63% for extra-urban driving.

The vehicle will use more fuel than usual in the following conditions:

- at very low temperatures
- in urban traffic
- on short trips
- when towing a trailer
- in mountainous terrain



The actual consumption values of your vehicle may deviate from the values given depending on:

- your style of driving
- road and traffic conditions
- environmental influences
- the vehicle's condition



Do not use fuel additives. These could lead to increased wear and engine damage. If you use fuel additives, your warranty entitlement could be restricted.

Fuel consumption in accordance with Directive 80 / 1268 / EEC as amended by 1999 / 100 / EC (l / 100 km)

Short wheelbase	A 140	A 160	A 160 CDI	A 170 CDI	A 190	A 210 EVOLUTION
Figures in litres per 100 km						
5-speed manual transmission						
Urban	9.7	10.2	5.7	6.3	10.4	11.0
Extra-urban	5.5	5.4	3.9	4.1	5.9	6.2
Overall	6.9	7.2	4.5	4.9	7.5	7.9
CO ₂ emissions (g / km)	166	172	119	131	180	190
5-speed automatic transmission*						
Urban	10.2	10.2 27.7mpg	7.7	7.4	10.5	11.3
Extra-urban	5.8	5.9 47.9mpg	4.5	4.4	6.0	6.5
Overall	7.5	7.5 37.7mpg	5.5	5.5	7.6	8.2
CO ₂ emissions (g / km)	180	180	146	145	182	197

100km = 62.1371 miles

1 litre = 0.21997 Imperial Gallons

Service products and capacities

Long wheelbase* Figures in litres per 100 km	A 140	A 160	A 170 CDI	A 190	A 210 EVOLUTION
5-speed manual transmission					
Urban	9.7	10.2	6.3	10.4	11.0
Extra-urban	5.5	5.4	4.3	5.9	6.2
Overall	6.9	7.2	5.0	7.5	7.9
CO ₂ emissions (g/km)	166	172	133	180	190
5-speed automatic transmission*					
Urban	10.2	10.2	7.4	10.5	11.3
Extra-urban	5.8	5.9	4.4	6.0	6.5
Overall	7.5	7.5	5.5	7.6	8.2
CO ₂ emissions (g/km)	180	180	145	182	197

Engine oil

The following values indicate the various total engine capacities.

Engine with oil filter	A 140	A 160	A 160 CDI	A 170 CDI	A 190	A 210 EVOLUTION
Replacement amount	4.5 ltr.	4.5 ltr.	4.5 ltr.	4.5 ltr.	4.5 ltr.	4.5 ltr.

You may use any passenger-vehicle engine oil which has been approved for Mercedes-Benz. A list of oils which have been tested and approved in accordance with Mercedes-Benz Specifications for Service Products is available from any Mercedes-Benz Service Centre. Some oil containers may also be marked "Approved in accordance with MB Sheet 229.1, 229.3 or 229.5", for example.

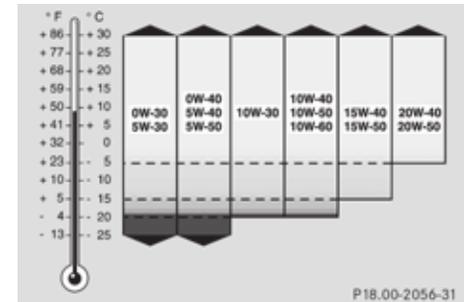


Do not use lubricant additives. These could lead to increased wear and damage to the assemblies. If you use fuel additives, your warranty entitlement could be restricted.

Engine oil viscosity

Select the SAE class (viscosity) of the engine oil according to the average seasonal ambient temperature, using the following overview as a guide.

The temperatures shown are guidelines only, and small deviations either way are permitted.



Service products and capacities
Coolant

The following values indicate the total capacity of various coolant systems.

Coolant	A 140	A 160	A 160 CDI	A 170 CDI	A 190	A 210 EVOLUTION
Vehicles without air conditioning / trailer tow hitch	5.5 ltr.	5.5 ltr.	6.5 ltr.	6.5 ltr.	5.5 ltr.	5.5 ltr.
Vehicles with air conditioning / trailer tow hitch	5.7 ltr.	5.7 ltr.	6.5 ltr.	6.5 ltr.	5.7 ltr.	5.7 ltr.

Coolant additive for antifreeze protection

	A 140	A 160	A 160 CDI	A 170 CDI	A 190	A 210 EVOLUTION
down to -37 °C (50%)	2.75	2.75	3.25	3.25	2.75	2.75
down to -45 °C (55%)	3.10	3.10	3.60	3.60	3.10	3.10

The coolant is a mixture of water, anti-freeze and corrosion inhibitor. It performs the following functions in the cooling system:

- Anti-corrosion protection
- Antifreeze protection
- Raising the boiling point



Always use a suitable coolant – even in countries with high temperatures.

If you do not do so, the cooling system will not be sufficiently protected from corrosion, and the boiling point will be too low.

If antifreeze / corrosion inhibitor is present in the correct concentration, the boiling point of the coolant will be around 130 °C.

The antifreeze and corrosion inhibitor concentration in the cooling system should

- be at least 50%. This will protect the cooling system against freezing down to around -37 °C.
- not exceed 55% (antifreeze protection down to -45 °C), since the heat is then not dissipated as effectively.

If the vehicle loses coolant, top it up with equal parts of water and an antifreeze and corrosion inhibitor. Mercedes-Benz recommends that you use antifreeze and corrosion inhibitor which has been approved for Mercedes-Benz.



The cooling system contains a lifetime filling that needs changing after no more than 15 years or 250,000 kilometres (155,000 miles).

Mercedes-Benz recommends that you use antifreeze and corrosion inhibitor which has been approved for Mercedes-Benz.

Service products and capacities

Brake fluid

Over a period of time, the brake fluid absorbs moisture from the air; this reduces its boiling point.

Risk of accident



If the boiling point of the brake fluid is too low, vapour pockets may form in the brake system when the brakes are applied hard (e.g. when driving downhill). This would impair the braking efficiency.

Have the brake fluid renewed every two years.



There is usually a notice in the engine compartment to remind you when the next brake fluid change is due.

Windscreen washer system

The windscreen washer reservoir holds around 4.2 litres on all models with windscreen washer system. On vehicles with heated windscreen washer reservoir*, the capacity is 5.0 litres.

- Fill the windscreen washer reservoir with a mixture of water and windscreen washer fluid concentrate. Vary the mixture ratio according to the outside temperature.

The windscreen wipers do not leave any streaks. The headlamp cleaning system and the windscreen washer system do not freeze.

Risk of fire



Windscreen washer concentrate is highly flammable. Fire, naked flames and smoking are therefore prohibited when you are handling windscreen washer concentrate.

ABS

(Anti-lock braking system)

Prevents the wheels from locking when you brake, allowing you to continue steering.

ASR

(Acceleration skid control)

Component of ->ESP; ASR controls the drive torques at the wheels according to the situation, thus improving traction when driving on slippery surfaces.

ASSYST

(Active service system)

Service indicator in the operating system which displays when the next service is due.

BAS

(Brake Assist)

System for shortening the stopping distance in hazardous situations, activated by the driver depressing the brake pedal rapidly.

Belt drive

Drive connection from the engine to the engine assemblies such as the alternator or the air-conditioning compressor.

CAC

(Customer Assistance Center)

DaimlerChrysler's customer service centre, which can advise you about any questions you may have concerning your vehicle and assist you in the event of a breakdown.

Child seat recognition

Special child seats are available from your Mercedes-Benz Service Centre for automatic child seat recognition on the front-passenger seat. When this special child seat is fitted on the front-passenger seat, the front-passenger airbag is automatically deactivated ( warning lamp on the centre console lights up).

Cockpit

All the instruments, switches, buttons and warning and indicator lamps in the passenger compartment of your vehicle necessary for monitoring and controlling the vehicle.

Control unit

The part of the engine electronics which controls the engine function.

Cruise control*

A system that automatically maintains the vehicle's speed as set by the driver.

Drive train

Collective term for all vehicle components which belong to the drive, such as

- the engine
- the clutch
- the ->transmission
- the propeller shafts
- the differential hub reduction
- the drive shafts
- the wheels

ELCODE

(Electronic code system)

A system that electronically checks access and drive authorisation and which is a component of the anti-theft protection of Mercedes-Benz vehicles.

EMC

(Electromagnetic compatibility)

The vehicle's electrical and electronic components are screened to prevent interference, for example from radio transmitters, radar installations, electricity cables or mobile phones.

EN 228

European standard for unleaded petrol.

Engine control system

Controls the engine, e.g. the engine speed.

Engine number

A number defined by the manufacturer and located on the cylinder block by which each engine can be clearly identified.

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.

ESP

(Electronic Stability Program)
Improves directional stability and ->traction when cornering.

FCD

(Floating car data)

One of DaimlerChrysler's ->telematics services for calling up vehicle data for traffic guidance and information systems.

GPS

(Global positioning system)

Satellite signals deliver information concerning the precise geographic location via a suitable receiver. These can be compared to a digital map (e.g. on CD-ROM) and used to determine the location and for navigation.

Instrument cluster

Displays and indicator lamps in the driver's field of vision, e.g. the rev counter, the speedometer and the fuel gauge.

Interior motion sensor*

One of the vehicle's anti-theft devices, it triggers an alarm if all doors are closed and locked and the side windows are smashed and somebody reaches into the vehicle interior.

IRS*

(->Interior motion sensor)

Kickdown

In vehicles with automatic transmission*, the ->transmission is shifted down to the lowest possible gear by depressing the accelerator pedal beyond the pressure point. This allows the vehicle to accelerate faster than it could without shifting down.

LIM indicator lamp

(Limiter)

Indicator lamp on the cruise control lever which shows whether the variable speed limiter of ->Speedtronic is activated.

Locking knob

Knob on the door which shows whether the door is locked or unlocked.

MON

Octane number of petrol determined according to a standardised method.

It measures the resistance of the fuel to unexpected self-ignition (knock resistance).

On-board voltage

Vehicle's voltage, influenced by outgoing lines, consumers and return lines. The battery can buffer, i.e. accept and produce, extremely high currents without causing a significant change to the voltage.

Overrevving range

Speeds in the red area of the rev counter at which the engine can only operate briefly.

Overrun mode

Passive acceleration of the vehicle, e.g. when driving down a mountain.

Parktronic*

A system that uses optical and audible signals to assist the driver when parking the vehicle.

Program selector switch*

Button used to shift between standard driving (S) and comfort mode (C) on vehicles with automatic transmission*.

PTS

(->Parktronic system*)

Rearward-facing child seat*

Special restraint system for children up to 9 months or weighing up to 10 kg. The rearward-facing seat is fitted on the front-passenger seat facing away from the direction of travel. The front-passenger seat sensor system prevents the front-passenger airbag from being triggered when a rearward-facing seat with automatic child seat recognition is fitted.

Restraint systems

Seat belts, belt tensioners, airbags and child restraint systems. As independent systems, their protective functions complement one another.

RON

Octane number of petrol determined according to a standardised method. It measures the resistance of the fuel to unexpected self-ignition (knock resistance).

Selector lever lock*

Lock which prevents the automatic transmission* selector lever from accidentally shifting from position **P** to another position while the vehicle is parked.

Shift range

Number of gears available to the automatic transmission*. The shift range can be limited.

Speed index

Part of the tyre designation which indicates the speed range for which a tyre is suitable.

Speedtronic*

The driver can use Speedtronic to fix a variable speed limitation.

SRS

(Supplemental restraint system)

Additional ->restraint systems such as belt tensioners and belt force limiters.

Telematics*

A combination of telecommunications and information systems.

Tightening torque

Force with which bolts, such as the wheel bolts, are tightened.

TIREFIT kit

Accessories for temporary repairs to flat tyres. The TIREFIT kit consists of a filler bottle with sealant, a filler hose, and a valve core extractor with valve.

Traction mode

Active acceleration of the vehicle by adding more throttle.

Tractive force

Force which is transferred from the vehicle to the road via the tyres, and which describes the grip.

Transmission

Engine speed-torque converter which converts the high engine speed (at low torque) to lower drive wheel speeds (at high torque).

Vehicle identification number

A number defined by the manufacturer and attached to the body that allows each vehicle to be unambiguously identified.

Wheel

Wheel rim and wheel disc, commonly known as rim.

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