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# Introduction

**Fuel**
- Designation

**Engine oil**
- Grade
- Viscosity

**Tyre pressure**
- Tyre size
  - Summer tyres
  - Winter tyres
  - Front
  - Rear

**Weights**
- Gross vehicle weight rating
- Kerb weight, basic model
- Loading
Vehicle specific data
Please enter your vehicle's data on the previous page to keep it easily accessible. This information is available in the sections "Service and maintenance" and "Technical data" as well as on the identification plate.

Introduction
Your vehicle is a designed combination of advanced technology, safety, environmental friendliness and economy.

This Owner's Manual provides you with all the necessary information to enable you to drive your vehicle safely and efficiently.

Make sure your passengers are aware of the possible risk of accident and injury which may result from improper use of the vehicle.

You must always comply with the specific laws and regulations of the country that you are in. These laws may differ from the information in this Owner's Manual.

Disregarding the description given in this manual may affect your warranty.

When this Owner's Manual refers to a workshop visit, we recommend your Opel Service Partner.

For gas vehicles we recommend an Opel Repairer authorised for servicing gas vehicles.

All Opel Service Partners provide first-class service at reasonable prices. Experienced mechanics trained by Opel work according to specific Opel instructions.

The customer literature pack should always be kept ready to hand in the vehicle.

Using this manual
○ This manual describes all options and features available for this model. Certain descriptions, including those for display and menu functions, may not apply to your vehicle due to model variant, country specifications, special equipment or accessories.
○ The "In brief" section will give you an initial overview.

○ The table of contents at the beginning of this manual and within each section shows where the information is located.

○ The index will enable you to search for specific information.

○ This Owner's Manual depicts left-hand drive vehicles. Operation is similar for right-hand drive vehicles.

○ The Owner's Manual uses the engine identifier code. The corresponding sales designation and engineering code can be found in the section "Technical data".

○ Directional data, e.g. left or right, or front or back, always relate to the direction of travel.

○ The vehicle display screens may not support your specific language.

○ Display messages and interior labelling are written in **bold** letters.
Danger, Warnings and Cautions

⚠️ Danger
Text marked ⚠️ Danger provides information on risk of fatal injury. Disregarding this information may endanger life.

⚠️ Warning
Text marked ⚠️ Warning provides information on risk of accident or injury. Disregarding this information may lead to injury.

Caution
Text marked Caution provides information on possible damage to the vehicle. Disregarding this information may lead to vehicle damage.

Symbols
Page references are indicated with ☞. ☞ means "see page".

Page references and index entries refer to the indented headings given in the section table of content.

We wish you many hours of pleasurable driving.
Adam Opel AG
Initial drive information

Vehicle unlocking

Press 🌐 to unlock the doors and load compartment. Open the doors by pulling the handles.

To open the tailgate, push the touchpad switch below the brand emblem.

Radio remote control ⚙️ 23, Central locking system ⚙️ 24, Load compartment ⚙️ 27.
Seat adjustment

Longitudinal adjustment

Pull handle, slide seat, release handle. Try to move the seat back and forth to ensure that the seat is locked in place.

Seat position 37, Seat adjustment 38.

Backrest inclination

Turn handwheel. Do not lean on backrest while adjusting.

Seat position 37, Seat adjustment 38, Seat folding 39, Sport seat 39.

Seat height

Lever pumping motion
up : seat higher
down : seat lower

Seat position 37, Seat adjustment 38.
Head restraint adjustment

Press release button, adjust height, engage.
Head restraints 36.

Seat belt

Pull out the seat belt and engage in belt buckle. The seat belt must not be twisted and must fit close against the body. The backrest must not be tilted back too far (maximum approx. 25 °). To release belt, press red button on belt buckle.
Seat position 37, Seat belts 41, Airbag system 44.

Mirror adjustment

Interior mirror

Manual anti-dazzle

To reduce dazzle, adjust the lever on the underside of the mirror housing.
Interior mirror 31.

Automatic anti-dazzle

Depending on the version, there is an automatic anti-dazzle interior mirror.
Dazzle from following vehicles at night is automatically reduced. Automatic anti-dazzle interior mirror 31.

**Exterior mirrors**

Select the relevant exterior mirror with the rocker switch and adjust the mirror with the control.
Convex exterior mirrors 30, Electric adjustment 30, Folding exterior mirrors 30.
Heated exterior mirrors 31.

**Steering wheel adjustment**

Unlock the lever, adjust the steering wheel, then engage the lever and ensure it is fully locked.
Do not adjust the steering wheel unless the vehicle is stationary and the steering wheel lock has been released.
Airbag system 44, Ignition positions 137.
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**Exterior lighting**

**Light switch**

Turn light switch:
- **0**: lights off
- **D**: sidelights
- **D**: headlights

**Fog lights**

Press buttons in light switch
- **D**: front fog lights
- **D**: rear fog light

**Light switch with automatic light control**

- **AUTO**: automatic light control: exterior lighting is switched on and off automatically
- **D**: activation or deactivation of the automatic light control
- **D**: sidelights
- **D**: headlights

Automatic light control 116.

**Headlight flash, high beam and low beam**

- Headlight flash: pull lever
- High beam: push lever
- Low beam: push or pull lever

High beam 117, Headlight flash 117, High beam assist 118.
**Turn and lane-change signals**

- Lever up: right turn signal
- Lever down: left turn signal

Turn and lane-change signals  120, Parking lights  121.

**Hazard warning flashers**

Operated by pressing ⚠.

Hazard warning flashers  119.

**Horn**

Press 📣.
16  In brief

Washer and wiper systems

Windscreen wiper

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<td>HI</td>
<td>fast</td>
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<tr>
<td>LO</td>
<td>slow</td>
</tr>
<tr>
<td>INT</td>
<td>interval wiping or automatic wiping with rain sensor</td>
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<tr>
<td>OFF</td>
<td>off</td>
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For single wipe when the wiper is off, press lever down to position 1x.
Windscreen wiper ➔ 78.

Windscreen washer

Pull lever.
Windscreen washer system ➔ 78, Washer fluid ➔ 195, Wiper blade replacement ➔ 198.

Rear window wiper

Press the rocker switch to activate the rear window wiper:
upper switch : continuous operation
lower switch : intermittent operation
middle position : off
Rear window washer

Push lever.
Washer fluid is sprayed on the rear window and the wiper wipes a few times.
Rear window wiper/washer  80.

Climate control

Heated rear window

The heating is operated by pressing ▼.
Heated rear window  33, heated windscreen  34.

Heated exterior mirrors

Pressing ▼ also activates the heated exterior mirrors.
Heated exterior mirrors  31.

Demisting and defrosting the windows

- Set air distribution control to  🛀.
- Press  🛒.
- Set temperature control to warmest level.
- Set fan speed to highest level.
- Switch on heated rear window  ▼.
- Open side air vents as required and direct them towards the door windows.

Climate control system  126.
Transmission

Manual transmission

Reverse: with the vehicle stationary, depress clutch pedal and press the release button on the selector lever and engage the gear.

If the gear does not engage, set the lever to neutral, release the clutch pedal and depress again; then repeat gear selection.


Automatic transmission

P: park
R: reverse
N: neutral
D: drive
M: manual mode
+ : press to upshift in manual mode
- : press to downshift in manual mode

The selector lever can only be moved out of P when the ignition is on and the brake pedal is applied. To engage P or R, press the release button.

Automatic transmission 144.

Manual transmission automated

R: reverse, engage only when vehicle is stationary
N: neutral
D: automatic mode
M: manual mode
+ : upshift in manual mode
- : downshift in manual mode

Starting off

Check before starting off

- Tyre pressure and condition \( \diamond 213, \diamond 253 \).
- Engine oil level and fluid levels \( \diamond 193 \).
- All windows, mirrors, exterior lighting and number plates are free from dirt, snow and ice and are operational.
- Proper position of mirrors, seats, and seat belts \( \diamond 30, \diamond 37, \diamond 42 \).
- Brake function at low speed, particularly if the brakes are wet.

Starting the engine

- Turn key to position 1.
- Move the steering wheel slightly to release the steering wheel lock.
  Manual transmission automated: operate brake pedal.
  Automatic transmission: operate brake pedal and move selector lever to P or N.
- Do not operate accelerator pedal.

- Diesel engines: turn the key to position 2 for preheating and wait until control indicator \( \diamond \) extinguishes.
- Turn the key to position 2 for preheating and wait until control indicator \( \diamond \) extinguishes.
- Turn key to position 3 and release.

Starting the engine \( \diamond 138 \).
Stop-start system

If the vehicle is at a low speed or at a standstill and certain conditions are fulfilled, activate an Autostop as follows:

Vehicles with manual transmission:
- Depress the clutch pedal.
- Set the lever to neutral.
- Release the clutch pedal.

An Autostop is indicated by the control indicator (A).

To restart the engine, depress the clutch pedal again. The control indicator (A) extinguishes.

Vehicles with manual transmission automated:
If the vehicle is at a standstill with the brake pedal depressed, Autostop is activated automatically, indicated by control indicator (A).

Release the brake pedal or move selector lever out of D to restart the engine. Control indicator (A) extinguishes.

Stop-start system 139.

Parking

⚠️ Warning

- Do not park the vehicle on an easily ignitable surface. The high temperature of the exhaust system could ignite the surface.
- Always apply the parking brake. Activate the manual parking brake without pressing the release button. Apply as firmly as possible on a downhill slope or uphill slope. Depress brake pedal at the same time to reduce operating force.
- Switch off the engine.
- If the vehicle is on a level surface or uphill slope, engage first gear or set the selector lever to position P before removing the ignition key. On an uphill slope, turn the front wheels away from the kerb.
- If the vehicle is on a downhill slope, engage reverse gear or
set the selector lever to position P before removing the ignition key. Turn the front wheels towards the kerb.

- Close the windows and the sunroof.
- Remove the ignition key from the ignition switch. Turn the steering wheel until the steering wheel lock is felt to engage.

For vehicles with automatic transmission, the key can only be removed when the selector lever is in position P.

For vehicles with manual transmission automated, the key can only be removed from the ignition switch when the parking brake is applied.

- Lock the vehicle by pressing on the radio remote control. Activate the anti-theft alarm system.
- The engine cooling fans may run after the engine has been switched off.

**Caution**

After running at high engine speeds or with high engine loads, operate the engine briefly at a low load or run in neutral for approx. 30 seconds before switching off, in order to protect the turbocharger.

Keys, locks, Laying-up the vehicle for a long period of time.
Caution

Do not attach heavy or bulky items to the ignition key.

Replacement keys

The key number is specified in the Car Pass or on a detachable tag. The key number must be quoted when ordering replacement keys, as it is a component of the immobiliser system.

Locks 233.

The code number of the adapter for the locking wheel bolts is specified on a card. It must be quoted when ordering a replacement adapter.

Wheel changing 225.
Key with foldaway key section

Press button to extend. To fold the key, first press the button.

Car Pass

The Car Pass contains security-related vehicle data and should therefore be kept in a safe place. When the vehicle is taken to a workshop, this vehicle data is needed in order to perform certain operations.

Radio remote control

Used to operate:
- central locking system
- anti-theft locking system
- anti-theft alarm system

The radio remote control has a range of approx. 20 metres. It can be restricted by external influences. The hazard warning flashers confirm operation.
Handle with care, protect from moisture and high temperatures and avoid unnecessary operation.

Fault

If the central locking system cannot be operated with the radio remote control, it may be due to the following:
- The range is exceeded.
- The battery voltage is too low.
- Frequent, repeated operation of the radio remote control while not in range, which will require re-synchronisation.
- Overload of the central locking system by operating at frequent intervals, the power supply is interrupted for a short time.
- Interference from higher-power radio waves from other sources.

Unlocking 24.

Basic settings

Some settings can be changed in the Info-Display.
Vehicle personalisation 107.
Radio remote control battery replacement
Replace the battery as soon as the range reduces.

Batteries do not belong in household waste. They must be disposed of at an appropriate recycling collection point.

Extend the key and open the unit sideways. Replace the battery (battery type CR 2032), paying attention to the installation position. Close the unit and synchronise.

Radio remote control synchronisation
After replacing the battery, unlock the door with the key in the driver’s door lock. The radio remote control will be synchronised when the ignition is switched on.

Memorised settings
Whenever the key is removed from the ignition switch, the following settings are automatically memorised by the key:
- lighting
- electronic climate control
- presets for Infotainment system
- central locking system
- comfort settings

The saved settings are automatically used the next time the memorised key is inserted into the ignition switch and turned to position 1 ▷ 137.

A precondition is that Personalization by driver is activated in the personal settings of the Info-Display. This must be set for each key used.

Vehicle personalisation ▷ 107.

Central locking system
Unlocks and locks doors, load compartment and fuel filler flap.
A pull on an interior door handle unlocks the respective door. Pulling the handle once more opens the door.

Note
In the event of an accident in which airbags or belt pretensioners are deployed, the vehicle is automatically unlocked.

Note
Three minutes after unlocking with the remote control, the doors are relocked automatically if no door has been opened.
Unlocking

Press /vnd.

Two settings are selectable in the Info-Display:

- To unlock only the driver's door, load compartment and fuel filler flap; press /vnd once. To unlock all doors; press /vnd twice.
- Press /vnd once to unlock doors, load compartment and fuel filler flap.

Vehicle personalisation /vnd.

The setting can be saved for the key being used.

Memorised settings /vnd.

Unlocking and opening the tailgate /vnd.

Locking

Close doors, load compartment and fuel filler flap.

Press /vnd.

If the driver's door is not closed properly, the central locking system will not work.

Central locking buttons

Locks or unlocks doors, the load compartment and fuel filler flap from inside the passenger compartment.

Press /vnd to lock.

Press /vnd to unlock.

Delayed door lock

Switch off engine and remove key from the lock. Press /vnd with at least one door opened and three chimes will sound. When the last door is closed, the vehicle will automatically lock all doors after five seconds and a feedback is given.

After ten minutes, the vehicle will automatically lock all doors even if a door is still open. This function may be activated or deactivated in the Info-Display. Vehicle personalisation /vnd.
Fault in radio remote control system

Unlocking
Manually unlock the driver's door by turning the key in the lock. Switch on the ignition and press the central locking button to unlock the other doors, load compartment and fuel filler flap.

By switching on the ignition, the anti-theft locking system is deactivated.

Locking
Manually lock the driver's door by turning the key in the lock.

Fault in central locking system

Unlocking
Manually unlock the driver's door by turning the key in the lock. The other doors can be opened by pulling the interior handle twice. The load compartment and fuel filler flap cannot be opened.

To deactivate the anti-theft locking system, switch on the ignition.

Locking
Press inside locking knob of all doors except driver's door. Then close the driver's door and lock it from the outside with the key.

The fuel filler flap and tailgate cannot be locked.

Automatic locking
This security feature can be configured to automatically lock doors, load compartment and fuel filler flap as soon as a certain speed is exceeded.

Additionally, it is configurable to unlock the driver's door or all doors after the ignition is switched off and the ignition key is removed (manual transmission) or the selector lever is moved to position P (automatic transmission).

Settings can be changed in the Info-Display.

Vehicle personalisation

The settings can be saved for the key being used.

Child locks

⚠️ Warning

Use the child locks whenever children are occupying the rear seats.
Using a key or suitable screwdriver, turn switch on rear door lock to the horizontal position. The door cannot be opened from inside.

Doors
Load compartment
Tailgate
Opening

To open the tailgate, push the touchpad switch below the brand emblem.

Closing

Use interior handle. Do not press the touchpad switch whilst closing as this will unlock the tailgate again.

Central locking system 24.

General hints for operating tailgate

⚠️ Danger

Do not drive with the tailgate open or ajar, e.g. when transporting bulky objects, since toxic exhaust
gases, which cannot be seen or smelled, could enter the vehicle. This can cause unconsciousness and even death.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before opening the tailgate, check overhead obstructions, e.g. a garage door, to avoid damage to the tailgate. Always check the moving area above and behind the tailgate.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>The installation of certain heavy accessories onto the tailgate may affect its ability to remain open.</td>
</tr>
</tbody>
</table>

Vehicle security

**Anti-theft locking system**

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not use the system if there are people in the vehicle! The doors cannot be unlocked from the inside.</td>
</tr>
</tbody>
</table>

The system deadlocks all the doors. All doors must be closed otherwise the system cannot be activated.

If the ignition was on, the driver’s door must be opened and closed once so that the vehicle can be secured.

Unlocking the vehicle disables the mechanical anti-theft locking system. This is not possible with the central locking button.

**Activating**

Press 2x on the radio remote control twice within five seconds.

**Anti-theft alarm system**

The anti-theft alarm system is combined with the anti-theft locking system.

It monitors:

- doors, tailgate, bonnet
- ignition
Activation

- Self-activated 30 seconds after locking the vehicle by pressing once.
- Directly by pressing twice within five seconds.

Status LED

Status LED is integrated in the sensor on top of the instrument panel.

Status during the first 30 seconds of anti-theft alarm system activation:
- LED illuminates: test, arming delay
- LED flashes quickly: doors, tailgate or bonnet not completely closed, or system fault

Status after system is armed:
- LED flashes slowly: system is armed

Seek the assistance of a workshop in the event of faults.

Deactivation

Unlocking the vehicle by pressing deactivate anti-theft alarm system.
The system is not deactivated by unlocking the driver's door with the key or with the central locking button in the passenger compartment.

Alarm

When triggered, the alarm horn sounds and the hazard warning lights flash simultaneously. The number and duration of alarm signals are stipulated by legislation.

The alarm can be silenced by pressing any button on the radio remote control or by switching on the ignition.

The anti-theft alarm system can only be deactivated by pressing on the radio remote control or by switching on the ignition.

A triggered alarm, which has not been interrupted by the driver, will be indicated by the hazard warning lights. They will flash quickly three times when the vehicle is unlocked with the radio remote control.

Vehicle messages 104.

Immobiliser

The system is part of the ignition switch and checks whether the vehicle is allowed to be started with the key being used.

The immobiliser is activated automatically after the key has been removed from the ignition switch.
Keys, doors and windows

If the control indicator \( d \) flashes when the ignition is on, there is a fault in the system; the engine cannot be started. Switch off the ignition and repeat the start attempt.

If the control indicator continues flashing, attempt to start the engine using the spare key and seek the assistance of a workshop.

**Note**
The immobiliser does not lock the doors. You should always lock the vehicle after leaving it.

Switch on the anti-theft alarm system \( 24, 28 \).

Control indicator \( 95 \).

---

### Exterior mirrors

#### Convex shape

The convex exterior mirror contains an aspherical area and reduces blind spots. The shape of the mirror makes objects appear smaller, which will affect the ability to estimate distances.

#### Electric adjustment

Select the relevant exterior mirror by pressing the rocker switch to the left (L) or right (R). Then swivel the control \( \) to adjust the mirror.

---

### Folding mirrors

For pedestrian safety, the exterior mirrors will swing out of their normal mounting position if they are struck with sufficient force. Reposition the mirror by applying slight pressure to the mirror housing.

---

### Parking position

The exterior mirrors can be folded in by pressing gently on the outer edge of the housing, e.g. when in a confined parking situation.
Heated mirrors

Operated by pressing <button>utton</button>.  
Mirror heating works with the engine running.  
It is switched off automatically after six minutes.  
Pressing <button>utton</button> once more during the same ignition cycle allows the heating to operate for another three minutes.

Interior mirrors

Manual anti-dazzle

To reduce dazzle, adjust the lever on the underside of the mirror housing.

Automatic anti-dazzle

Dazzle from following vehicles at night is automatically reduced.
Windows

Windscreen

Windscreen stickers
Do not attach stickers, e.g. toll road stickers or similar, on the windscreen in the area of the interior mirror. Otherwise the detection zone of the sensor in the mirror housing could be restricted.

Windscreen replacement

Caution
If the vehicle has a front-looking camera sensor for the driver assistance systems, it is very important that any windscreen replacement is performed accurately according to Opel specifications. Otherwise, these systems may not work properly and there is a risk of unexpected behaviour and/or messages from these systems.

Manual windows
The rear door windows can be opened or closed manually with the window cranks.

Power windows

⚠️ Warning
Take care when operating the power windows. Risk of injury, particularly to children.
Be careful when closing the windows. Ensure that nothing becomes trapped in them as they move.

Operable with ignition on (position 2) 137.
Retained power off 138.

Operate the switch in the door trim for the respective window by pushing to open or pulling to close.

Open
Short push: window opens in stages.
Long push: window opens automatically up to end position. To stop movement, operate switch once more.

Close
Short pull: window closes in stages.
Longer pull: window closes automatically upto end position. To stop movement, operate switch once more.

**Safety function**

If the window glass encounters resistance above the middle of the window during automatic closing, it is immediately stopped and opened again.

**Override safety function**

In the event of closing difficulties due to frost or the like, switch on the ignition, then pull the switch several times to close the windows in stages.

**Overload**

If the windows are repeatedly operated at short intervals, the window operation is disabled for some time.

**Fault**

If the windows cannot be opened or closed automatically, activate the window electronics as follows:

1. Close the doors.
2. Switch on ignition.
3. Close the window completely and operate the button for an additional five seconds.
4. Open the window completely and operate the button for one second further.
5. Repeat this procedure for each window.

**Heated rear window**

Operated by pressing.

Rear window heating works with the engine running.

It is switched off automatically after six minutes.

Pressing once more during the same ignition cycle allows the heating to operate for another three minutes.
Heated windscreen

Operated by pressing 🔄. Windscreen heating works together with heated rear window and engine running. It is switched off automatically after six minutes. Pressing 🔄 once more during the same ignition cycle allows the heating to operate for another three minutes.

The integral mirrors should be closed when driving. A ticket holder is located on the backside of the sun visor.

Sun visors

The sun visors can be folded down or swivelled to the side to prevent dazzling.

Roof

Sunroof

⚠️ Warning

Take care when operating the sunroof. Risk of injury, particularly to children. Keep a close watch on the movable parts when operating them. Ensure that nothing becomes trapped in them as they move.

Operable via a rocker switch with ignition on (position 2) 🔄 137. Retained power off 🔄 138.
Raise
Hold switch  depressed until the sunroof is raised at the rear.

Open
From raised position press and release switch ː: the sunroof is opened automatically up to end position. To stop movement before endposition, operate switch once more.

Close
Hold switch  depressed from any position until sunroof is closed completely. Releasing the switch stops movement in any position.

Caution
When using a roof rack, check the free movement of the sunroof in order to avoid damage. It is only permitted to raise the sunroof.

Note
If the top of the roof is wet, tilt sunroof, allow water to run off and then open sunroof.

Do not affix any stickers to sunroof.

Sunblind
The sunblind is manually operated. Close or open the sunblind by sliding. Sunblind is usable in each sunroof position.

Overload
If the system is overloaded, the power supply is automatically cut-off for a short time. The system is protected by fuses in the fuse box  207.

Initialising the sun roof
If the sunroof cannot be operated, activate the electronics as follows: with ignition on close the sunroof and hold  depressed for at least ten seconds.
Seek the assistance of a workshop to have the cause of the fault remedied.
Head restraints

**Position**

<table>
<thead>
<tr>
<th>△ Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Only drive with the head restraint set to the proper position.</td>
</tr>
</tbody>
</table>

The upper edge of the head restraint should be at upper head level. If this is not possible for extremely tall people, set to highest position, and set to lowest position for small people.

**Adjustment**

Front head restraints, height adjustment

Press release button, adjust height, engage.
Rear head restraints, height adjustment

Pull the head restraint upwards and let engage. To move downwards, press the catch to release and push the head restraint downwards.

Removal of rear head restraint
E.g. when using a child restraint system 50.

Press both catches, pull the head restraint upwards and remove. Place the head restraint in a net bag and secure the underside of the bag with Velcro fasteners to the load compartment floor. A suitable net bag is available from your workshop.

Front seats

Seat position

⚠️ Warning
Only drive with the seat correctly adjusted.

⚠️ Danger
Do not sit nearer than 25 cm from the steering wheel, to permit safe airbag deployment.

⚠️ Warning
Never adjust seats while driving as they could move uncontrollably.
Seating adjustment

- Sit with buttocks as far back against the backrest as possible. Adjust the distance between the seat and the pedals so that legs are slightly angled when fully pressing the pedals. Slide the front passenger seat as far back as possible.

- Set seat height high enough to have a clear field of vision on all sides and of all display instruments. There should be at least one hand of clearance between head and the roof frame. Your thighs should rest lightly on the seat without pressing into it.

- Sit with shoulders as far back against the backrest as possible. Set the backrest rake so that it is possible to easily reach the steering wheel with arms slightly bent. Maintain contact between shoulders and the backrest when turning the steering wheel. Do not angle the backrest too far back. We recommend a maximum rake of approx. 25°.

- Adjust seat and steering wheel in a way that the wrist rests on top of the steering wheel while the arm is fully extended and shoulders on the backrest.

- Adjust the steering wheel 77.

- Adjust the head restraint 36.

- Adjust the height of the seat belt 42.

Seat adjustment

Drive only with engaged seats and backrests.

Longitudinal adjustment

Pull handle, slide seat, release handle. Try to move the seat back and forth to ensure that the seat is locked in place.
Backrest inclination

Turn handwheel to adjust inclination. Do not lean on backrest while adjusting.

Seat height

Lever pumping motion
up : seat higher
down : seat lower

Seat folding

Standard seat folding

Pull release lever towards the front and fold backrest forwards. Then slide seat forwards to the stop.

To restore, slide the seat backwards to the stop. Lift backrest to upright position without operating the release lever. Allow backrest to engage.
**Warning**

When folding up, ensure that the seat is securely locked in position before driving. Failure to do so may result in personal injury in the event of heavy braking or collision.

The memory function allows the seat to engage in its original position after folding.

Do not operate handwheel for backrest inclination when backrest is folded forwards.

**Caution**

When seat height is in the highest position, push head restraints down and fold up sun visors before folding backrest forwards.

---

**Sport seat folding**

Remove seat belt from belt mount on the backrest.

Pull release lever located on the backrest, fold backrest forwards and release lever. Slide seat forwards to the stop.

To restore, slide the seat backwards to the stop. Lift backrest to upright position without operating the release lever. Allow backrest to engage.

---

**Warning**

When folding up, ensure that the seat is securely locked in position before driving. Failure to do so may result in personal injury in the event of heavy braking or collision.

The memory function allows the seat to engage in its original position after folding.

Do not operate backrest adjuster handwheel when backrest is folded forwards.

**Heating**
Activate seat heating by pressing ⚡ for the respective front seat.
Activation is indicated by the LED in the button.
Pressing ⚡ once more deactivates seat heating.
Seat heating is operational when engine is running.
During an Autostop, seat heating is also operational.
Stop-start system ◇ 139.

Seat belts

The seat belts are locked during heavy acceleration or deceleration of the vehicle holding the occupants in the sitting position. Therefore the risk of injury is considerably reduced.

⚠️ Warning

Fasten seat belt before each trip.
In the event of an accident, people not wearing seat belts endanger their fellow occupants and themselves.

Seat belts are designed to be used by only one person at a time. Child restraint system ◇ 50.
Periodically check all parts of the belt system for damage, pollution and proper functionality.
Have damaged components replaced. After an accident, have the belts and triggered belt pretensioners replaced by a workshop.

Note
Make sure that the belts are not damaged by shoes or sharp-edged objects or trapped. Prevent dirt from getting into the belt retractors.

Seat belt reminder

Each seat is equipped with a seat belt reminder, indicated for driver seat as control indicator 🚀 in the tachometer ◇ 91, and for front passenger seat as control indicator 🚀 in the centre console ◇ 88.

For rear seats, the seat belt reminder is indicated by symbols 🚀 in the Driver Information Centre ◇ 97.
Belt force limiters
On the front seats and the rear outboard seats, stress on the body is reduced by the gradual release of the belt during a collision.

Belt pretensioners
In the event of a head-on or rear-end collision of a certain severity, the front seat belts are tightened.

⚠️ Warning
Incorrect handling (e.g. removal or fitting of belts) can trigger the belt pretensioners.

Deployment of the belt pretensioners is indicated by continuous illumination of control indicator ⚠️ 91.
Triggered belt pretensioners must be replaced by a workshop. Belt pretensioners can only be triggered once.

>Note
Do not affix or install accessories or other objects that may interfere with the operation of the belt

Three-point seat belt

Fastening

Withdraw the belt from the retractor, guide it untwisted across the body and insert the latch plate into the buckle. Tighten the lap belt regularly while driving by pulling the shoulder belt.
Sport seat: Feed seat belt through belt mount on backrest when fastening seat belt.

⚠️ Warning
The belt must not rest against hard or fragile objects in the pockets of your clothing.

Seat belt reminder ⚠️ 91.

Loose or bulky clothing prevents the belt from fitting snugly. Do not place objects such as handbags or mobile phones between the belt and your body.
Height adjustment

1. Pull belt out slightly.
2. Shift the height adjustment upwards or press button to disengage and push the height adjustment downwards.

Adjust the height so that the belt lies across the shoulder. It must not lie across the throat or upper arm. Do not adjust while driving.

Removing

To release belt, press red button on belt buckle.
Using the seat belt while pregnant

The lap belt must be positioned as low as possible across the pelvis to prevent pressure on the abdomen.

Airbag system

The airbag system consists of a number of individual systems depending on the scope of equipment.

When triggered, the airbags inflate within milliseconds. They also deflate so quickly that it is often unnoticeable during the collision.

⚠️ Warning

If handled improperly the airbag systems can be triggered in an explosive manner.

Note

The airbag systems and belt pretensioner control electronics are located in the centre console area.

Do not put any magnetic objects in this area.

Do not affix any objects onto the airbag covers and do not cover them with other materials.

Each airbag is triggered only once.

Have deployed airbags replaced by a workshop. Furthermore, it may be necessary to have the steering wheel, the instrument panel, parts of the panelling, the door seals, handles and the seats replaced.

Do not make any modifications to the airbag system as this will invalidate the vehicle type approval.

When the airbags inflate escaping hot gases may cause burns.

Fault

If there is a fault in the airbag system, the control indicator \( \text{\textcopyright} \) illuminates and a message or a warning code appears in the Driver Information Centre. The system is not operational.

Have the cause of the fault remedied by a workshop.

Control indicator for airbag systems \( \text{\textcopyright} \) 91.
Child restraint systems on front passenger seat with airbag systems

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

DE: Nach hinten gerichtete Kindersitze NIEMALS auf einem Sitz verwenden, der durch einen davor befindlichen AKTIVEN AIRBAG geschützt ist, da dies den TOD oder SCHwere VERLETZUNGEN DES KINDES zur Folge haben kann.

FR: NE JAMAIS utiliser un siège d'enfant orienté vers l'arrière sur un siège protégé par un COUSSIN GONFLABLE ACTIF placé devant lui, sous peine d'infliger des BLESSURES GRAVES, voire MORTELLES à l'ENFANT.

ES: NUNCA utilice un sistema de retención infantil orientado hacia atrás en un asiento protegido por un AIRBAG FRONTAL ACTIVO. Peligro de MUERTE o LESIONES GRAVES para el NIÑO.

RU: ЗАПРЕЩАЕТСЯ устанавливать детское удерживающее устройство лицом назад на сиденье автомобиля, оборудованном фронтальной подушкой безопасности, если ПОДУШКА НЕ ОТКЛЮЧЕНА! Это может привести к СМЕРТИ или СЕРьЕЗНЫМ ТРАВМАМ РЕБЕНКА.

NL: Gebruik NOOIT een achterwaarts gericht kinderzitje op een stoel met een ACTIEVE AIRBAG ervoor, om DODELIJK of ERNSTIG LETSEL van het KIND te voorkomen.

DA: Brug ALDRIG en bagudvendt autostol på et forsæde med AKTIV AIRBAG, BARNET kan komme i LIVSFARER eller komme ALVORLIGT TIL SKADE.

SV: Använd ALDRIG en bakåtvänd barnstol på ett säte som skyddas med en framförvarande AKTIV AIRBAG. DÖDSFALL eller ALLVARLIGA SKADOR kan drabba BARNET.

FI: ÄLÄ KOSKAAN sijoita taaksepäin suunnattua lasten turvaistuinta istuimelle, jonka edessä on AKTIIVINEN TURVATYYNY, LAPSIVOI KUOLLA tai VAMMAUTUA VAKAVASTI.

NO: Bakovervendt barnesikringssutstyr må ALDRI brukes på et sete med AKTIV KOLLISJONSPUTE foran, da det kan føre til at BARNET utsettes for LIVSFARE og fare for ALVORLIGE SKADER.

PT: NUNCA use um sistema de retenção para crianças voltado para trás num banco protegido com um AIRBAG ACTIVO na frente do
mesmo, poderá ocorrer a PERDA DE VIDA ou FERIMENTOS GRAVES na CRIANÇA.

IT: Non usare mai un sistema di sicurezza per bambini rivolto all'indietro su un sedile protetto da AIRBAG ATTIVO di fronte ad esso: pericolo di MORTE o LESIONI GRAVI per il BAMBINO!

EL: ΠΟΤΕ μη χρησιμοποιείτε παιδικό κάθισμα ασφαλείας με φορά προς τα πίσω σε κάθισμα που προστατεύεται από μετωπικό ΕΝΕΡΓΟ ΑΕΡΟΣΑΚΟ, διότι το παιδί μπορεί να υποστεί ΘΑΝΑΣΙΜΟ ή ΣΟΒΑΡΟ ΤΡΑΥΜΑΤΙΣΜΟ.

PL: NIE WOLNO montować fotelika dziecięcego zwróconego tyłem do kierunku jazdy na fotelu, przed którym znajduje się WŁĄCZONA PODUSZKA POWIETRZNA. Niezastosowanie się do tego zalecenia może być przyczyną ŚMIERCI lub POWIĄZANYCH Z OBRZEŻEM DZIECKA.

TR: Arkaya bakan bir çocuk emniyet sistemini KESİNLİKLE önünde bir AKTİF HAVA YASTIĞI ile korunmakta olan bir koltukta kullanmayınız. ÇOCUK ÖLEBİLİR veya AĞIR ŞEKİLDE YARALANABİLİR.

UK: НІКОПИ не використовуйте систему безпеки для дітей, що встановлюється обличчям назад, на сидінні з УВІМКНЕНОЮ ПОДУШКОЮ БЕЗПЕКИ, інакше це може призводити до СМЕРТІ чи СЕРІОЗНОГО ТРАВМУВАННЯ ДИТИНИ.

HU: SOHA ne használjon hátrafelé néző biztonsági gyerekülést előlről AKTÍV LÉGZSÁKKAL védett ülésen, mert a GYERMEK HALÁLÁT vagy KOMOLY SÉRÜLÉSÉT okozhatja.

HR: NIKADA nemojte koristiti sustav zadržavanja za djecu okrenut prema natrag na sjedalu s AKTIVNIM ZRAČNIM JASTUKOM ispred njega, to bi moglo dovesti do SMRTI ili OZBILJNIH OZLJEDA za DIJETE.

SL: NIKOLI ne nameščajte otroškega varnostnega sedeža, obrnjenega v nasprotni smeri vožnje, na sedež z AKTIVNO ČELNO ZRAČNO BLAZINO, saj pri tem obstaja nevarnost RESNIH ali SMRTNIH POŠKODB za OTROKA.

SR: NIKADA ne koristiti bezbednosni sistem za decu su deca okrenuta unazad na sedištu sa AKTIVNIM VAZDUŠNIM JASTUKOM ispred sedišta zato što DETE može da NASTRADA ili da se TEŠKO POVREDI.

MK: НИКОГАШ не користете детско седиште свртено наназад на седиште заштитено со АКТИВНО ВОЗДУШНО ПЕРНИЧЕ пред него, затоа што детето може ДА ЗАГИНЕ или да биде ТЕШКО ПОВРЕДЕНО.

BG: НИКОГА не използвайте детска седалка, гледаща назад, върху седалка, която е защитена чрез АКТИВНА ВЪЗДУШНА ВЪЗГЛАВНИЦА пред нея - може да се стигне до СМЪРТ или СЕРИОЗНО НАРАНЯВАНЕ на ДЕТЕТО.

RO: Nu utilizați NICIODATĂ un scaun pentru copii îndreptat spre partea din spate a mașinii pe un scaun protejat de un AIRBAG ACTIV în fața sa; acest lucru poate duce la DECESUL sau VÂTÂMAREA GRAVĂ a COPIILORU.
Beyond the warning required by ECE R94.02, for safety reasons a forward-facing child restraint system must only be used subject to the instructions and restrictions in the tables 52.

The front airbag system is triggered in the event of a front-end impact of a certain severity. The ignition must be switched on.

**Front airbag system**

The front airbag system consists of one airbag in the steering wheel and one in the instrument panel on the front passenger side. The location is identified by the word AIRBAG.
The inflated airbags cushion the impact, thereby reducing the risk of injury to the upper body and head of the front seat occupants considerably.

⚠️ Warning

Optimum protection is only provided when the seat is in the proper position. Seat position 37. Keep the area in which the airbag inflates clear of obstructions. Fit the seat belt correctly and engage securely. Only then is the airbag able to protect.

Side airbag system

The side airbag system consists of an airbag in each front seat backrest. The location is identified by the word AIRBAG.

The side airbag system is triggered in the event of a side impact of a certain severity. The ignition must be switched on.

⚠️ Warning

Keep the area in which the airbag inflates clear of obstructions.

Note

Only use protective seat covers that have been approved for the vehicle. Be careful not to cover the airbags.
Curtain airbag system
The curtain airbag system consists of an airbag in the roof frame on each side. The location is identified by the word AIRBAG on the roof pillars.
The curtain airbag system is triggered in the event of a side-on impact of a certain severity. The ignition must be switched on.

The inflated airbags cushion the impact, thereby reducing the risk of injury to the head in the event of a side-on impact considerably.

Warning
Keep the area in which the airbag inflates clear of obstructions.
The hooks on the handles in the roof frame are only suitable for hanging up light articles of clothing, without coat hangers. Do not keep any items in these clothes.

Airbag deactivation
The front passenger airbag system must be deactivated for child restraint system on the passenger seat according to the instructions in the tables 52.
The other airbag systems, the belt pretensioners and all driver airbag systems will remain active.

Use the ignition key to choose the switch position:

OFF : front passenger airbag is deactivated and will not inflate in the event of a collision. Control indicator OFF illuminates continuously in the centre console
ON : front passenger airbag is active
Deactivate passenger airbag only in combination with the use of a child restraint system, subject to the instructions and restrictions in the tables 52.

Otherwise, there is a risk of fatal injury for a person occupying a seat with a deactivated front passenger airbag.

If both control indicators are illuminated at the same time, there is a system failure. The status of the system is not discernible, therefore no person is allowed to occupy the front passenger seat. Contact a workshop immediately.

Change status only when the vehicle is stopped with the ignition off.

Status remains until the next change.

Control indicator for airbag deactivation 92.

Child restraints

Child restraint systems

We recommend Opel child restraint systems which are tailored specifically to the vehicle.

The following child restraints are recommended for the following weight classes:

- **Group 0, Group 0+**
  Maxi Cosi Cabriofix plus Easyfix, for children up to 13 kg

- **Group I**
  OPEL Duo, for children from 13 kg to 18 kg in this group

When a child restraint system is being used, pay attention to the following usage and installation instructions and also those supplied with the child restraint system.

Check local laws and regulations for mandatory use of child restraint systems. In some countries, the use of child restraint systems is forbidden on certain seats.
**Danger**

If using a rear-facing child restraint system on the front passenger seat, the airbag system for the front passenger seat must be deactivated. This also applies to certain forward-facing child restraint systems as indicated in the tables ◇ 52.

Airbag deactivation ◇ 49.
Airbag label ◇ 44.

The rear seats are the most convenient location to fasten a child restraint system.

Children should travel facing rearwards in the vehicle as long as possible. This ensures that the child's backbone, which is still very weak, is under less strain in the event of an accident.

**Selecting the right system**

Only use suitable restraint systems, e.g. those that comply with valid UN ECE regulations.

Ensure that the child restraint system to be installed is compatible with the vehicle type. Refer to the tables on the following pages, the instructions supplied with the child restraint system and the vehicle type list of non-universal child restraint systems.

Ensure that the mounting location of the child restraint system within the vehicle is correct, see following tables.

Allow children to enter and exit the vehicle only on the side facing away from the traffic.

When the child restraint system is not in use, secure the seat with a seat belt or remove it from the vehicle.

Child restraint systems could be fastened with ISOFIX mounting brackets, Top-tether if available, and/or a three-point seat belt. Refer to the following tables.

**Note**

Do not affix anything on the child restraint systems and do not cover them with any other materials.

A child restraint system which has been subjected to stress in an accident must be replaced.
## Child restraint installation locations

Permissible options for fastening a child restraint system with a three-point seat belt

<table>
<thead>
<tr>
<th>Weight and age class</th>
<th>On front passenger seat</th>
<th>On rear outboard seats</th>
<th>On rear centre seat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>activated airbag</td>
<td>deactivated airbag</td>
<td></td>
</tr>
<tr>
<td>Group 0: up to 10 kg or approx. 10 months</td>
<td>X</td>
<td>U&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>U/L&lt;sup&gt;3&lt;/sup&gt;</td>
</tr>
<tr>
<td>Group 0+: up to 13 kg or approx. 2 years</td>
<td>X</td>
<td>U&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>U/L&lt;sup&gt;3&lt;/sup&gt;</td>
</tr>
<tr>
<td>Group I: 9 to 18 kg or approx. 8 months to 4 years</td>
<td>X</td>
<td>U&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>U/L&lt;sup&gt;3,4&lt;/sup&gt;</td>
</tr>
<tr>
<td>Group II: 15 to 25 kg or approx. 3 to 7 years</td>
<td>U&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>X</td>
<td>U/L&lt;sup&gt;3,4&lt;/sup&gt;</td>
</tr>
<tr>
<td>Group III: 22 to 36 kg or approx. 6 to 12 years</td>
<td>U&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>X</td>
<td>U/L&lt;sup&gt;3,4&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

**U**: universal suitability in conjunction with three-point seat belt

**L**: suitable for particular child restraint systems of the 'specific-vehicle', 'restricted' or 'semi-universal' categories. The child restraint system must be approved for the specific vehicle type (refer to the vehicle type list of the child restraint system)

**X**: no child restraint system permitted in this weight class

<sup>1</sup>: move seat forwards as far as necessary and adjust seat backrest inclination as far as necessary to a vertical position to ensure that the belt runs forwards from the upper anchorage point
: move seat height adjustment upwards as far as necessary and adjust seat backrest inclination as far as necessary to a vertical position to ensure that the belt is tight on the buckle side
: move the respective front seat ahead of the child restraint system forwards as far as necessary
: adjust the respective backrest to the rearmost position 68, adjust the respective headrest as necessary or remove if required 36

### Permissible options for fitting an ISOFIX child restraint system

<table>
<thead>
<tr>
<th>Weight class</th>
<th>Size class</th>
<th>Fixture</th>
<th>On front passenger seat&lt;sup&gt;5&lt;/sup&gt;</th>
<th>On rear outboard seats</th>
<th>On rear centre seat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Group 0: up to 10 kg or approx. 10 months</strong></td>
<td>E</td>
<td>ISO/R1</td>
<td>X, IL</td>
<td>IL&lt;sup&gt;3&lt;/sup&gt;</td>
<td>X</td>
</tr>
<tr>
<td><strong>Group 0+: up to 13 kg or approx. 2 years</strong></td>
<td>E</td>
<td>ISO/R1</td>
<td>X, IL</td>
<td>IL&lt;sup&gt;3&lt;/sup&gt;</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>D</td>
<td>ISO/R2</td>
<td>X, IL</td>
<td>IL&lt;sup&gt;3&lt;/sup&gt;</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>C</td>
<td>ISO/R3</td>
<td>X, IL</td>
<td>IL&lt;sup&gt;3&lt;/sup&gt;</td>
<td>X</td>
</tr>
<tr>
<td><strong>Group I: 9 to 18 kg or approx. 8 months to 4 years</strong></td>
<td>D</td>
<td>ISO/R2</td>
<td>X, IL</td>
<td>IL&lt;sup&gt;3,4&lt;/sup&gt;</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>C</td>
<td>ISO/R3</td>
<td>X, IL</td>
<td>IL&lt;sup&gt;3,4&lt;/sup&gt;</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>B</td>
<td>ISO/F2</td>
<td>X, IL/IUF</td>
<td>IL, IUF&lt;sup&gt;3,4&lt;/sup&gt;</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>B1</td>
<td>ISO/F2X</td>
<td>X, IL/IUF</td>
<td>IL, IUF&lt;sup&gt;3,4&lt;/sup&gt;</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>ISO/F3</td>
<td>X, IL/IUF</td>
<td>IL, IUF&lt;sup&gt;3,4&lt;/sup&gt;</td>
<td>X</td>
</tr>
</tbody>
</table>
## Seats, restraints

### Weight class

<table>
<thead>
<tr>
<th>Weight class</th>
<th>Size class</th>
<th>Fixture</th>
<th>activated airbag</th>
<th>deactivated airbag</th>
<th>On rear outboard seats</th>
<th>On rear centre seat</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Group II: 15 to 25 kg</strong>&lt;br&gt;or approx. 3 to 7 years</td>
<td>IL&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>X</td>
<td>IL&lt;sup&gt;3,4&lt;/sup&gt;</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Group III: 22 to 36 kg</strong>&lt;br&gt;or approx. 6 to 12 years</td>
<td>IL&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>X</td>
<td>IL&lt;sup&gt;3,4&lt;/sup&gt;</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IL: suitable for particular ISOFIX restraint systems of the "specific-vehicle", "restricted" or "semi-universal" categories. (ISOFIX/Top-tether fastening points optional for the front passenger seat but not available for sport seats). The ISOFIX restraint system must be approved for the specific vehicle type (refer to the vehicle type list of the child restraint system).

IUF: suitable for ISOFIX forward-facing child restraint systems of universal category approved for use in this weight class (ISOFIX/Top-tether fastening points optional for the front passenger seat but not available for sport seats).

X: no ISOFIX child restraint system approved for this weight class.

1: move seat forwards as far as necessary and adjust seat backrest inclination as far as necessary to a vertical position to ensure that the belt runs forwards from the upper anchorage point.

2: move seat height adjustment upwards as far as necessary and adjust seat backrest inclination as far as necessary to a vertical position to ensure that the belt is tight on the buckle side.

3: move the respective front seat ahead of the child restraint system forwards as far as necessary.

4: adjust the respective backrest to the rearmost position ☰ 68, adjust the respective headrest as necessary or remove if required ☰ 36.

5: ISOFIX/Top-tether fastening points optional for the front passenger seat (not available for sport seats).
ISOFIX size class and seat device

A – ISO/F3 : forward-facing child restraint system for children of maximum size in the weight class 9 to 18 kg
B – ISO/F2 : forward-facing child restraint system for smaller children in the weight class 9 to 18 kg
B1 – ISO/F2X: forward-facing child restraint system for smaller children in the weight class 9 to 18 kg
C – ISO/R3 : rear-facing child restraint system for children of maximum size in the weight class up to 18 kg
D – ISO/R2 : rear-facing child restraint system for smaller children in the weight class up to 18 kg
E – ISO/R1 : rear-facing child restraint system for young children in the weight class up to 13 kg
ISOFIX child restraint systems
Fasten vehicle-approved ISOFIX child restraint systems to the ISOFIX mounting brackets. Specific vehicle ISOFIX child restraint system positions are marked in the table by IL.
The vehicle is equipped with guides in the backrests to support the installation of the child restraint system.

ISOFIX child restraint systems on rear seats
ISOFIX mounting brackets on the rear seats are indicated by the ISOFIX logo on the backrest. Open the flaps of the guides before mounting a child restraint system. After removing the child restraint system, close the flaps.

ISOFIX child restraint systems on front passenger seat
Place the child restraint system in the centre of the seat and push backwards. Make sure that the child restraint system is engaged properly.

Top-tether fastening eyes
In addition to the ISOFIX mounting, fasten the Top-tether strap to the Top-tether fastening eyes. ISOFIX child restraint systems of universal category positions are marked in the table by IUF.

Top-tether fastening eye on rear seats
The vehicle has two fastening eyes on the back of the rear seats. Top-tether fastening eyes are marked with the symbol 🤍 for a child seat.
Top-tether fastening eye on front passenger seat

An additional fastening point is located on the passenger seat rail in the rear foot well.
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Storage compartments

⚠️ Warning

Do not store heavy or sharp objects in the storage compartments. Otherwise, the storage compartment lid could open and vehicle occupants could be injured by objects being thrown around in the event of hard braking, a sudden change in direction or an accident.

Glovebox

Pull lever to open the glovebox cover. The glovebox features a coin holder and an adapter for the locking wheel bolts.

The glovebox should be closed whilst driving.

Cupholders

Cupholders are located in the centre console.
The pockets in the doors are designed to carry bottles.

Additional bottleholders are located in the rear side panels.

**Flexible cupholder strap**

A movable rubber strap is located in the storage compartment in front of the gear selector lever. Pull out the strap to fix a cup or ashtray.

**Front storage**

Storage compartments are located below the light switch, in the centre console, in the door pockets and in the side panels near the rear seats.
**Underseat storage**

Lift at recessed edge and pull out. Maximum load: 1.5 kg. To close, push in and engage.

---

**Rear carrier system**

The rear carrier system (Flex-Fix system) allows bicycles to be attached to a pull-out carrier integrated into the vehicle floor. The transportation of other objects is not permitted.

The maximum load of the rear carrier system is 40 kg. The maximum load per bicycle is 20 kg.

The wheelbase of a bicycle must not exceed 1.2 metres. Otherwise the secure fastening of a bicycle is not possible.

If not in use, the carrier system can be slid back into the vehicle floor.

---

**Caution**

Do not attach bicycles with carbon pedal cranks to bicycle carriers. The bicycles may get damaged.

---

**Warning**

There must not be any objects on the bicycles that could become loose during transportation.

---

**Extending**

Open the tailgate.

---

**Warning**

No persons may remain in the extension zone of the rear carrier system, risk of injury.
Pull release lever up. The system disengages and travels quickly out of the bumper.

Completely pull out the rear carrier system until you hear it engage.
Ensure that it is not possible to push in the rear carrier system without pulling the release lever again.

**Warning**

It is only permissible to fit objects to the rear carrier system if the system has been correctly engaged. If the rear carrier system will not engage correctly, do not fit objects to the system and slide the system back. Seek the assistance of a workshop.

Install the tail lamps

First remove the rear (1), then the front (2) tail lamp from the recesses.
Open out the lamp support on the back of the tail lamp completely until it engages.

Push the clamping lever down and push the lamp support into the retainer until it engages.
Perform this procedure for both tail lamps.

Lock the rear carrier system

Swivel the left clamping lever (1) first, followed by the right clamping lever (2) until they stop. Both clamping levers must point backwards, otherwise safe functionality is not guaranteed.

Note
Close the tailgate.

Unfold pedal crank recesses

Check the cable and lamp position to ensure these are correctly installed and are securely located.

Fold one or both pedal crank recesses upwards until the diagonal support engages.
Remove the pedal crank mounts from the pedal crank recesses.

Adapting the rear carrier system to a bicycle

Press the release lever and withdraw the wheel recesses.

Push the release lever on the strap retainer and remove the strap retainer.

Prepare the bicycle for attachment

Note
The maximum width for the pedal crank is 38.3 mm and the maximum depth is 14.4 mm.

Rotate the left pedal (without a chain cog) vertically downwards. The pedal on the left pedal crank must be horizontal.

The front bicycle must have its front wheel facing left.

The rear bicycle must have its front wheel facing right.
Attaching a bicycle to the rear carrier system

With the rotary lever on the pedal crank recess, roughly adapt the adjustable pedal crank unit to the protrusion of the pedal crank.

If the bicycle has straight pedal cranks, unscrew the pedal crank unit completely (position 5).

If the bicycle has curved pedal cranks, screw in the pedal crank unit all the way (position 1).

Insert pedal crank mount into outer rail of each pedal crank recess from above and slide downwards until at least underneath the notching.

Put on the bicycle. The pedal crank here must be placed in the pedal crank recess opening as shown in the illustration.

**Caution**

Make sure that the pedal does not touch the surface of the rear end carrier. Otherwise the crankset might be damaged during the transport.
Attach the pedal crank by rotating the attachment screw on the pedal crank mount.

Place the wheel recesses so that the bicycle is roughly horizontal. Here, the distance between the pedals and the tailgate should be at least 5 cm. Both bicycle tyres must be in the wheel recesses.

**Caution**

Ensure that the wheel recesses are pulled out as far as necessary to have both bicycle tyres placed in the recesses. Otherwise a horizontal mounting of the bicycle is not guaranteed. Disregard could lead to damage of the bicycle wheels caused by hot exhaust fumes.

Align the bicycle in the longitudinal direction of the vehicle: Slightly loosen the pedal mount. Place the bicycle upright using the rotary lever on the pedal crank recess.

If the two bicycles obstruct one another, the relative positions of the bicycles can be adapted by adjusting the wheel recesses and the rotary lever on the pedal crank recess until the bicycles no longer touch one another. Ensure there is sufficient clearance from the vehicle.
Tighten the attachment screw for the pedal bearing mount to its maximum point by hand.
Secure both bicycle wheels to wheel recesses using strap retainers.
Check the bicycle to ensure it is secure.

**Caution**

Ensure gap between bicycle and vehicle is at least 5 cm. If necessary, loosen handlebar and swivel sideways.

The settings for the wheel recesses and on the rotary lever on the pedal crank recess should be noted and saved for each bicycle. Correct presetting will facilitate refitting of the bicycle.

**Note**
It is recommended to attach a warning sign at the rearmost bicycle to increase visibility.

**Removing a bicycle from the rear carrier system**

Undo strap retainers on both bicycle tyres.

Hold on to the bicycle, loosen the attachment screw for the pedal bearing mount, then lift the pedal bearing mount to remove it.

**Retracting the rear carrier system**

Push the pedal crank mounts into the pedal crank recess as shown in the illustration.
Insert the strap retainer and pull tightly downwards as far as possible.

Press release lever and slide in wheel recesses all the way as far as they will go.

Disengage the locking lever on the diagonal support and fold both pedal crank recesses down.

**Warning**

Risk of pinching.

Swivel first the right clamping lever (1) forwards, followed by the left clamping lever (2), until they can be engaged in their respective recesses.
Push the clamping lever down and pull both lamp supports out of the recesses.

Fold in the lamp supports on the backs of the tail lamps.

First place the front tail lamp (1), then the rear tail lamp (2) in the recesses and push down as far as possible. Push cables all the way into all guides in order to prevent damage. Open the tailgate.

Push the release lever up and hold. Lift the system slightly and push it into the bumper until it engages. Release lever must return to original position.

**Warning**

If the system cannot be correctly engaged, please seek the assistance of a workshop.

---

**Load compartment**

**Load compartment extension**

The rear backrest can be locked in two positions. When transporting bulky items, lock in an upright position.

**Split backrest**

Pull the release handle on the relevant side, pull the backrest forwards to the vertical position and engage.

**Single-unit backrest**
Pull the release handle on both sides, pull the backrest forwards to the vertical position and engage. When unlocking, a red marking appears next to the release lever. The backrest is properly engaged when the red marks on both sides near the release lever are no longer visible.

**Folding down rear backrests**

Remove load compartment cover as necessary.

Push head restraints down by pressing the catch.

Guide the seat belts through side supports to protect them against damage. When folding the backrest, pull the seat belts along with it.

**Split backrest**

Pull the release handle on the relevant side and fold it down onto the seat cushion.

**Single-unit backrest**

Pull the release handle on both sides and fold it down onto the seat cushion.

If the vehicle is to be loaded via a rear door, take the seat belt out of the seat backrest guide and insert the latch plate in the recess as shown in the illustration.

To fold up, raise the backrest and guide it into an upright position until it engages audibly.

Ensure that the seat belts of the outboard seats are placed in the corresponding belt guides.

The backrest is properly engaged when the red marks on both sides near the release lever are no longer visible.
**Warning**

Only drive the vehicle when the backrests are securely locked into position. Otherwise there is a risk of personal injury or damage to the load or vehicle in the event of hard braking or a collision.

The seat belt of the centre seat could be blocked when the backrest is folded up too quickly. To unlock the retractor, push in the seat belt or pull it out by approx. 20 mm then release.

---

**Load compartment cover**

Do not place any objects on the cover.

**3-door/5-door hatchback**

**Removing**

Unhook retaining straps from tailgate.

Lift cover at the rear and push it upwards at the front.

Remove the cover.

**Stowing**

When the load compartment is fully loaded, stow the load compartment cover on the rear seats or remove from vehicle.

---

**Fitting**

Engage cover in side guides and fold downwards. Attach retaining straps to tailgate.

**Delivery van**

The load compartment cover consists of four segments which can be individually removed and inserted.

**Removing**

To remove rear cover, unhook retaining straps from tailgate.

Lift cover at the rear and push it upwards at the front. Remove the cover.
To remove the three other segments (order 1 to 3) lift at the rear, disengage, twist and remove.

Fitting
Install the segments in the order 3 to 1. Engage segments in recesses at the side.
The segments overlap at the connecting points when they are closed.
To install rear cover, engage cover in side guides and fold downwards. Attach retaining straps to tailgate.

Rear floor storage cover

Rear floor cover

Lift up rear floor cover to gain access to emergency breakdown equipment.
Tools 212.
In models with a tyre repair kit on the right side in the load compartment, the spare wheel recess may be used as an additional stowage compartment. Tyre repair kit 220.

Double load-bay floor

The double load-bay floor can be inserted in the load compartment in two positions:

- directly above the cover for the spare wheel recess or the floor cover
- or in the upper openings in the load compartment

To remove, lift the load-bay floor using the recess and pull backwards.
To insert, push the load-bay floor forwards in the corresponding guide, then lower.
If mounted in the upper position, the space between the load-bay floor and the spare wheel well cover can be used as a stowage compartment.
Storage

In this position, if the rear seat backrests are folded forwards, an almost completely flat load bay is created.

The double load-bay floor is able to withstand a load of no more than 100 kg. In the lower position, the double load-bay floor is able to withstand the maximum permissible load.

General hint

⚠️ Warning

For safety reasons, stow all parts in the load compartment in its position, always drive with a closed rear floor cover and, if possible, with folded up rear backrests.

Otherwise, vehicle occupants could be injured by objects being thrown around in the event of hard braking, a sudden change in direction or an accident.

Lashing eyes

3-door/5-door hatchback

The lashing eyes are designed to secure items against slippage, e.g. using lashing straps or luggage net.

Delivery van

Loads can be secured by four lashing eyes in the load compartment
**Warning triangle**

The warning triangle is stowed in the load compartment below the tailgate.

**First aid kit**

Stow the first-aid kit in the compartment in the left wall of the load compartment.
To open the compartment, disengage cover and open it.

**Roof rack system**

**Roof rack**

For safety reasons and to avoid damage to the roof, the vehicle approved roof rack system is recommended. For further information contact your workshop.

Follow the installation instructions and remove the roof rack when not in use.

**Fitting on model without sunroof**

Push covers for concealing roof rack mounts down and push backwards with a valve cap key $\Diamond$ 212.
Fitting on model with sunroof

Disengage covers concealing roof rack mounts by pushing sliders in direction of arrow and remove upwards. To close roof rack mounts, first insert covers at front and engage sliders at rear.

Attach roof rack at appropriate points, see enclosed roof rack system instructions.

Loading information

- Heavy objects in the load compartment should be placed against the seat backrests. Ensure that the backrests are securely engaged. If objects can be stacked, heavier objects should be placed at the bottom.
- Secure objects with lashing straps attached to the lashing eyes ⦿ 72.
- Use the hook at the right sidewall of the load compartment for hanging up carrier bags. Maximum load: 5 kg.
- Secure loose objects in the load compartment to prevent them from sliding.
- When transporting objects in the load compartment, the backrests of the rear seats must not be angled forward.
- Do not allow the load to protrude above the upper edge of the backrests.
- Do not place any objects on the load compartment cover or the instrument panel, and do not cover the sensor on top of the instrument panel.
- The load must not obstruct the operation of the pedals, parking brake and gear selector lever, or hinder the freedom of movement of the driver. Do not place any unsecured objects in the interior.
- Do not drive with an open load compartment.
**Warning**

Always make sure that the load in the vehicle is securely stowed. Otherwise objects can be thrown around inside the vehicle and cause personal injury or damage to the load or vehicle.

- The payload is the difference between the permitted gross vehicle weight (see identification plate 241) and the EC kerb weight.

To calculate the payload, enter the data for your vehicle in the weights table at the front of this manual.

The EC kerb weight includes weights for the driver (68 kg), luggage (7 kg) and all fluids (fuel tank 90% full).

Optional equipment and accessories increase the kerb weight.

- Driving with a roof load increases the sensitivity of the vehicle to cross-winds and has a detrimental effect on vehicle handling due to the vehicle's higher centre of gravity.

Distribute the load evenly and secure it properly with retaining straps. Adjust the tyre pressure and vehicle speed according to the load conditions. Check and retighten the straps frequently.

Do not drive faster than 120 km/h.

The permissible roof load is 75 kg. The roof load is the combined weight of the roof rack and the load.
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Controls

Steering wheel adjustment

Unlock lever, adjust steering wheel, then engage lever and ensure it is fully locked.
Do not adjust steering wheel unless vehicle is stationary and steering wheel lock has been released.

Steering wheel controls

Cruise control, Speed limiter, Forward collision alert setting, Infotainment system and a connected mobile phone can be operated via the controls on the steering wheel.
Driver assistance systems 157.
Further information is available in the Infotainment manual.

Heated steering wheel

Activate heating by pressing 🍂. Activation is indicated by the LED in the button.
The highlighted grip areas of the steering wheel are heated quicker and to a higher temperature than the other areas.

Heating is operational when the engine is running and during an Autostop.

Stop-start system ◇ 139.

Horn

Press ⌡.

Windscreen wiper/washer

Windscreen wiper

HI : fast
LO : slow
INT : interval wiping
      or
      automatic wiping with rain sensor
OFF : off

For a single wipe when the windscreen wiper is off, press the lever down to position 1x.

Do not use if the windscreen is frozen. Switch off in car washes.

Adjustable wiper interval

Wiper lever in position INT.

Turn the adjuster wheel to adjust the desired wipe interval:

short interval : turn adjuster wheel upwards
long interval : turn adjuster wheel downwards
Automatic wiping with rain sensor

**INT** : automatic wiping with rain sensor

The rain sensor detects the amount of water on the windscreen and automatically regulates the frequency of the windscreen wiper.

If the wiper frequency is above 20 seconds, the wiper arm moves slightly down to the park position.

Adjustable sensitivity of the rain sensor

Turn the adjuster wheel to adjust the sensitivity:
- **low sensitivity** : turn adjuster wheel downwards
- **high sensitivity** : turn adjuster wheel upwards

Keep the sensor free from dust, dirt and ice.

Windscreen washer
Instruments and controls

Pull lever. Washer fluid is sprayed onto the windscreen and the wiper wipes a few times.
Washer fluid ◆ 195

Rear window wiper/washer

Press the rocker switch to activate the rear window wiper:
upper position: continuous operation
lower position: intermittent operation
middle position: off

Push lever. Washer fluid is sprayed onto the rear window and the wiper wipes a few times.
Do not use if the rear window is frozen.
Switch off in car washes.
The rear window wiper comes on automatically when the windscreen wiper is switched on and reverse gear is engaged.
Activation or deactivation of this function can be changed in the menu Settings in the Info-Display.
Washer fluid ◆ 195
Vehicle personalisation ◆ 107.

Outside temperature

A drop in temperature is indicated immediately and a rise in temperature after a time delay. Temperatures below 3 °C flash on the display.

Illustration shows Graphic-Info-Display.
If outside temperature drops to 3 °C, a warning message is displayed in the Driver Information Centre.

⚠️ Warning

The road surface may already be icy even though the display indicates a few degrees above 0 °C.

Clock

Graphic-Info Display

Press CONFIG to open the Settings menu. Scroll through the list and select the menu item **Time Date** to display the respective submenu.

Note

For a detailed description of menu operation, refer to the Infotainment manual.

Set time

Press the MENU-TUNE knob to enter the **Set time** submenu. Turn the MENU-TUNE knob to change the current value of the first setting. Press the MENU-TUNE knob to confirm the set value. The cursor then switches to the next value. If all values are set, you are automatically returned to the next higher menu level.
Instruments and controls

Set date

Press the MENU-TUNE knob to enter the Set date submenu.

Turn the MENU-TUNE knob to change the current value of the first setting.

Press the MENU-TUNE knob to confirm the set value.

The cursor then switches to the next value. If all values are set, you are automatically returned to the next higher menu level.

Set time format
To switch between the available options, repeatedly press the MENU-TUNE knob.

Set date format
To switch between the available options, repeatedly press the MENU-TUNE knob.

RDS clock synchronization
The RDS signal of most VHF transmitters automatically sets the time. RDS time synchronisation can take a few minutes. Some transmitters do not send a correct time signal. In such cases, it is recommended to switch off the automatic time synchronisation.

To switch between the options On and Off, repeatedly press the MENU-TUNE knob.

Colour-Info Display
Press  and then select the Settings screen button.
Select Time & date settings to display the respective submenu.

Note
For a detailed description of menu operation, refer to the Infotainment manual.

Set time format
To select the desired time format, tap on the screen buttons 12 h or 24 h.

Set date format
To select the desired date format, tap on the < and > screen buttons and choose between the available options.
Set time and date

To adjust the time and date settings, tap on the \( \wedge \) and \( \vee \) screen buttons.

RDS clock synchronization

The RDS signal of most VHF transmitters automatically sets the time. RDS time synchronisation can take a few minutes. Some transmitters do not send a correct time signal. In such cases, it is recommended to switch off the automatic time synchronisation.

To activate or deactivate RDS clock synchronization, tap on the screen buttons On or Off.

Power outlets

A 12 Volt power outlet is located in the centre console.

Do not exceed the maximum power consumption of 120 watts.

With ignition off, the power outlet is deactivated. Additionally, the power outlet is deactivated in the event of low vehicle battery voltage.

Electrical accessories that are connected must comply with the electromagnetic compatibility requirements laid down in DIN VDE 40 839.

Do not connect any current-delivering accessories, e.g. electrical charging devices or batteries.

Do not damage the outlet by using unsuitable plugs.

Stop-start system  

Cigarette lighter

The cigarette lighter is located in the centre console.

Press in cigarette lighter. It switches off automatically once the element is glowing. Pull out lighter.
Ashtrays

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>To be used only for ash and not for combustible rubbish.</td>
</tr>
</tbody>
</table>

The portable ashtray can be placed in the cupholders.

Warning lights, gauges and indicators

Instrument cluster
The needles of the instruments briefly rotate to the end position when the ignition is switched on.

Speedometer
Indicates vehicle speed.

Odometer
The bottom line displays the recorded distance in km.

Trip odometer
The recorded distance is displayed since the last reset. Trip odometer counts up to 9999 km and then restarts at 0.
Instruments and controls

### Baselevel and Midlevel display

To reset, press **SET/CLR** on the turn signal lever for a few seconds.

### Uplevel display

Two trip odometer are selectable for different trips.

Select menu **Trip/Fuel Information Menu / i \** by pressing **Menu** on the turn signal lever. Turn adjuster wheel on turn signal lever and select **Trip 1** or **Trip 2**. Each trip odometer can be reset separately by pressing **SET/CLR** on the turn signal lever for a few seconds on the respective menu.

### Tachometer

Displays the engine speed. Drive in a low engine speed range for each gear as much as possible.

#### Caution

If the needle is in the red warning zone, the maximum permitted engine speed is exceeded. Engine at risk.
Fuel gauge

Number of LEDs displays the level in the fuel tank.

8 : fuel tank is full.
8 LEDs : The arrow indicates the vehicle side where the fuel filler flap is located.

During liquid gas operation, the level in the gas tank is displayed.

Control indicator ✈️ illuminates if the level in the tank is low. Refuel immediately if it flashes.

During liquid gas operation, the system automatically switches over to petrol operation when gas tanks are empty ❯ 86.

Never run the fuel tank dry.
Because of the fuel remaining in the tank, the top-up quantity may be less than the specified tank capacity.

Fuel selector

Press button LPG to switch between petrol and liquid gas operation. The LED in the button shows the current operating mode.

LED off : petrol operation
LED flashes : checking conditions for fuel transition to liquid gas operation. Illuminates if conditions are fulfilled.
LED illuminates : liquid gas operation
LED flashes five times and extinguishes : liquid gas tank is empty or failure in liquid gas system. A message is displayed in the Driver Information Centre.

As soon as the liquid gas tank is empty, petrol operation is automatically engaged until the ignition is switched off.
Fuel for liquid gas operation ❯ 180.
Engine coolant temperature gauge

Number of LEDs displays the coolant temperature.

- up to 3 LEDs: engine operating temperature not yet reached
- 4 to 6 LEDs: normal operating temperature
- more than 6 LEDs: temperature too high

Caution
If engine coolant temperature is too high, stop vehicle, switch off engine. Danger to engine. Check coolant level.

Service display
The engine oil life system lets you know when to change the engine oil and filter. Based on driving conditions, the interval at which an engine oil and filter change will be indicated can vary considerably.

To display the remaining engine oil life duration use turn signal lever buttons:

Press MENU to select the Vehicle Information Menu 🚗. Turn the adjuster wheel to select Remaining Oil Life.
The remaining engine oil life duration is displayed in percent in the Driver Information Centre.

**Reset**

Press SET/CLR on turn signal lever for several seconds to reset. The remaining engine oil life duration menu must be active. Switch on ignition, but not the engine.

The system must be reset every time the engine oil is changed to ensure proper functionality. Seek the assistance of a workshop.

**Next service**

When the system has calculated that engine oil life has diminished, a warning message appears in the Driver Information Centre. Have engine oil and filter changed by a workshop within one week or 500 km (whichever occurs first).

Driver Information Centre  97.

Service information  237.

---

**Control indicators**

The control indicators described are not present in all vehicles. The description applies to all instrument versions. Depending on the equipment, the position of the control indicators may vary. When the ignition is switched on, most control indicators will illuminate briefly as a functionality test.

The control indicator colours mean:

- red : danger, important reminder
- yellow : warning, information, fault
- green : confirmation of activation
- blue : confirmation of activation
- white : confirmation of activation
Control indicators in the instrument cluster
Control indicators in the centre console

Overview

- Turn signal 90
- Seat belt reminder 91
- Airbag and belt tensioners 91
- Airbag deactivation 92
- Charging system 92
- Malfunction indicator light 92
- Service vehicle soon 92

- Brake and clutch system 93
- Operate pedal 93
- Antilock brake system (ABS) 93
- Gear shifting 93
- Power steering 93
- Lane departure warning 93
- Ultrasonic parking assist 94
- Electronic Stability Control off 94
- Electronic Stability Control and Traction Control system 94
- Traction Control system off 94
- Preheating 94
- Diesel particle filter 94
- Tyre pressure monitoring system 95
- Engine oil pressure 95
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- Immobiliser 95
- Reduced engine power 95
- Autostop 96
- Exterior light 96
- High beam 96
- High beam assist 96
- Fog light 96
- Rear fog light 96
- Cruise control 96
- Vehicle detected ahead 96
- Speed limiter 96
- Traffic sign assistant 96
- Door open 96

Turn signal

- Illuminates or flashes green.

Illuminates briefly

The parking lights are switched on.
Flashes
A turn signal or the hazard warning flashers are activated.
Rapid flashing: failure of a turn signal light or associated fuse.
Bulb replacement ◆ 199, Fuses ◆ 207.
Turn signals ◆ 120.

Seat belt reminder

Seat belt reminder on front seats
◆ for driver's seat illuminates or flashes red in the tachometer.
◆² for front passenger seat illuminates or flashes red in the centre console when the seat is occupied.

Illuminates
After the ignition has been switched on, until the seat belt has been fastened.

Flashes
After having started the engine for a maximum of 100 seconds, until the seat belt has been fastened.

Seat belt status on rear seats

Airbag and belt tensioners
◆ illuminates red.

When the ignition is switched on, the control indicator illuminates for approx. four seconds. If it does not illuminate, does not go out after four seconds or illuminates whilst driving, there is a fault in the airbag system. Seek the assistance of a workshop. The airbags and belt pretensioners may fail to trigger in the event of an accident.
Deployment of the belt pretensioners or airbags is indicated by continuous illumination of \( \varepsilon \).

**Warning**

Have the cause of the fault remedied immediately by a workshop.

Belt pretensioners, airbag system \( \diamond 41, \Diamond 44 \).

**Airbag deactivation**

\( \varepsilon \) illuminates yellow.

Illuminates for approx. 60 seconds after the ignition is switched on. The front passenger airbag is activated.

\( \varepsilon_2 \) illuminates yellow.

The front passenger airbag is deactivated \( \Diamond 49 \).

**Danger**

Risk of fatal injury for a child using a child restraint system together with activated front passenger airbag.

Risk of fatal injury for an adult person with deactivated front passenger airbag.

**Charging system**

\( \varepsilon \) illuminates red.

Illuminates when the ignition is switched on and extinguishes shortly after the engine starts.

**Illuminates when the engine is running**

Stop, switch off engine. Vehicle battery is not charging. Engine cooling may be interrupted. The brake servo unit may cease to be effective. Seek the assistance of a workshop.

**Malfunction indicator light**

\( \varepsilon \) illuminates or flashes yellow.

Illuminates when the ignition is switched on and extinguishes shortly after the engine starts.

**Illuminates when the engine is running**

Fault in the emission control system. The permitted emission limits may be exceeded. Seek the assistance of a workshop immediately.

**Flashes when the engine is running**

Fault that could lead to catalytic converter damage. Ease up on the accelerator until the flashing stops. Seek the assistance of a workshop immediately.

**Service vehicle soon**

\( \varepsilon \) illuminates yellow.

Additionally, a warning message is displayed in the Driver Information Centre.

The vehicle requires a service. Seek the assistance of a workshop. Vehicle messages \( \Diamond 104 \).
Brake and clutch system

○ illuminates red.

The brake and clutch fluid level is too low, when manual parking brake is not applied 196.

⚠️ Warning

Stop. Do not continue your journey. Consult a workshop.

Illuminates when the manual parking brake is applied and ignition is switched on 153.

Operate pedal

▼ illuminates or flashes yellow.

Illuminates

Clutch pedal must be depressed to start the engine in Autostop mode. Stop-start system 139.

Flashes

Clutch pedal must to be depressed for a main start of the engine 19, 138.

On some versions, the operate pedal message is indicated in the Driver Information Display 104.

Antilock brake system (ABS)

○ illuminates yellow.

Illuminates for a few seconds after the ignition is switched on. The system is ready for operation when the control indicator extinguishes.

If the control indicator does not go out after a few seconds, or if it illuminates while driving, there is a fault in the ABS. The brake system remains operational but without ABS regulation.

Antilock brake system 152.

Gear shifting

▲ with the number of the next higher gear is indicated, when upshifting is recommended for fuel saving reasons.

Power steering

☆ illuminates yellow.

Illuminates with power steering disabled

Failure in the power steering system. Consult a workshop.

Illumination of ☆ and ○ simultaneously

Power steering system must be calibrated, system calibration 156.

Lane departure warning

▲ illuminates green or flashes yellow.

Illuminates green

System is switched on and ready to operate.

Flashes yellow

System recognises an unintended lane change.

Lane departure warning 178.
Instruments and controls

**Ultrasonic parking assist**

P\(\triangleleft\) illuminates yellow.
Fault in system or Fault due to sensors that are dirty or covered by ice or snow or Interference due to external sources of ultrasound. Once the source of interference is removed, the system will operate normally.

Have the cause of the fault in the system remedied by a workshop.

Ultrasonic parking assist 162.

**Electronic Stability Control**

off \(\triangleleft\) illuminates yellow.
The system is deactivated.

**Electronic Stability Control and Traction Control system**

\(\triangleleft\) flashes or illuminates yellow.

**Flashes**
The system is actively engaged. Engine output may be reduced and the vehicle may be braked automatically to a small degree.

**Illuminates**
A fault in the system is present. A warning message or warning code appears in the Driver Information Centre. Continued driving is possible. The system is not operational. Driving stability, however, may deteriorate depending on road surface conditions.

Have the cause of the fault remedied by a workshop.

Electronic Stability Control 155, Traction Control system 154.

**Traction Control system off**

\(\triangleleft\) illuminates yellow.
The system is deactivated.

**Preheating**

\(\triangleright\) illuminates yellow.

Preheating of diesel engine is activated. Only activates when outside temperature is low.

**Diesel particle filter**

\(\hat{\triangledown}\) illuminates or flashes yellow.
The diesel particle filter requires cleaning.

Continue driving until \(\hat{\triangledown}\) extinguishes. If possible, do not allow engine speed to drop below 2000 rpm.

**Illuminates**
The diesel particle filter is full. Start cleaning process as soon as possible.

**Flashes**
The maximum filling level of the filter is reached. Start cleaning process immediately to avoid damage to the engine.

Diesel particle filter 143, Stop-start system 139.
Tyre pressure monitoring system

**Illuminates**
Tyre pressure loss. Stop immediately and check tyre pressure.

**Flashes**
Fault in system or tyre without pressure sensor mounted (e.g. spare wheel). After 60-90 seconds the control indicator illuminates continuously. Consult a workshop. Tyre pressure monitoring system 214.

Engine oil pressure

**Illuminates**
Illuminates when the ignition is switched on and extinguishes shortly after the engine starts.

Illuminates when the engine is running

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine lubrication may be interrupted. This may result in damage to the engine and/or locking of the drive wheels.</td>
</tr>
</tbody>
</table>

1. Depress the clutch.
2. Set selector lever to neutral.
3. Move out of the flow of traffic as quickly as possible without impeding other vehicles.
4. Switch off the ignition.

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>When the engine is off, considerably more force is needed to brake and steer. During an Autostop, the brake servo unit will still be operational. Do not remove key until vehicle is stationary, otherwise the steering wheel lock could engage unexpectedly.</td>
</tr>
</tbody>
</table>

Check oil level before seeking the assistance of a workshop 193.

Low fuel

**Illuminates**
Level in fuel tank is too low.

Flashes
Catalytic converter 144.
Bleeding the diesel fuel system 198.

Immobiliser

**Flashes**
Fault in the immobiliser system. The engine cannot be started.

Reduced engine power

**Illuminates**
Reduced engine power.
The engine power is limited. Consult a workshop.

**Autostop**

**Autostop active**

 lett illuminates red or white.
Engine is in an Autostop.
Stop-start system  139.

**Exterior light**

 lett illuminates green.
The exterior lights are on  115.

**High beam**

 lett illuminates blue.
Illuminated when high beam is on or during headlight flash  117.

**High beam assist**

 lett illuminates green.
The high beam assist is activated  118.

**Fog light**

 lett illuminates green.
The front fog lights are on  120.

**Rear fog light**

 lett illuminates yellow.
The rear fog light is on  120.

**Cruise control**

 lett illuminates white or green.
Illuminates white
The system is on.
Illuminates green
Cruise control is active.
Cruise control  157.

**Vehicle detected ahead**

 lett illuminates green.
A vehicle ahead is detected in the same lane.
Forward collision alert  160.

**Speed limiter**

 lett illuminates in the Driver Information Centre when Speed limiter is active. Set speed is indicated alongside lett symbol.
Speed limiter  159.

**Traffic sign assistant**

 displays detected traffic signs as a control indicator.
Traffic sign assistant  175.

**Door open**

 lett illuminates.
A door or the tailgate is open.
Information displays

Driver Information Centre

The Driver Information Centre is located in the instrument cluster. Depending on the version and equipment, the Driver Information Centre is available as Baselevel display, Midlevel display or Uplevel display.

Following menus are selectable in the Driver Information Centre using the buttons on the turn signal lever:

- trip odometer  84
- vehicle information and settings, see below
- trip/fuel information, see below
- economic information, see below
- navigation information

Following indication appears if required:

- warning messages  104
- gear shift indication  93
- drive mode indication  144, 149
- tyre pressure warning  214

Baselevel-Display

Select submenus by turning the adjuster wheel on turn signal lever. Selectable submenus are:

- seat belt reminder indication  91
- Autostop indication  139
- service information  92

Midlevel display

The menu pages of the Midlevel display are selected by pressing MENU on the turn signal lever.
Instruments and controls

Selectable menu pages of Midlevel display are:

- **Trip/Fuel Information Menu** menu, see description below
- **Vehicle Information Menu** menu, see description below

Some of the displayed functions differ when the vehicle is being driven or at a standstill. Some functions are only available when the vehicle is being driven.

**Uplevel-Display**

The menu pages of the Uplevel display are selected by pressing **MENU** on the turn signal lever. Main menu symbols are indicated in the top line of the display:

- **Trip/Fuel Information Menu**, displayed by  / \, see description below
- **Vehicle Information Menu**, displayed by  \ , see description below
- **ECO Information Menu**, displayed by  @ , see description below

Some of the displayed functions differ when the vehicle is being driven or at a standstill. Some functions are only available when the vehicle is being driven.

**Selecting menus and functions**

The menus and functions can be selected via the buttons on the turn signal lever.

Press **MENU** to switch between the main menus or to return from a submenu to the next higher menu level.

Turn the adjuster wheel to select a submenu of the main menu or to set a numeric value.

Press **SET/CLR** to select and confirm a function.

Vehicle and service messages are popped-up in the Driver Information Centre if required. Confirm messages by pressing **SET/CLR**. Vehicle messages  104.
Trip/Fuel Information Menu
Press **MENU** to select **Trip/Fuel Information Menu** information page.

Turn the adjuster wheel to select a submenu.

The following list contains all possible **Trip/Fuel Information Menu** pages. Some may not be available for your particular vehicle.

Follow the instructions given in the submenus.

- trip odometer 1
- trip odometer 2
- average fuel economy 1
- average fuel economy 2
- digital speed
- fuel range
- fuel range LPG version
- fuel level LPG version
- instantaneous fuel economy
- average vehicle speed
- clock
- temperature
- blank page

Selection and indication is different between Midlevel- and Uplevel-Display.

**Trip odometer 1 and 2**
Trip odometer displays the current distance since a certain reset.
Trip odometer counts up to a distance of 2000 km then restarts at 0.
Turn the adjuster wheel to select between trip odometer 1 and 2.
To reset, press **SET/CLR** for a few seconds while viewing this page.
Simultaneously average fuel economy 1 and 2 is indicated together with trip odometer 1 and 2.
The information of trip page 1 and 2 can be reset separately while the respective display is active.

**Average fuel economy 1 and 2**
Display of average consumption. The measurement can be reset at any time and starts with a default value.
To reset, press **SET/CLR** for a few seconds while viewing this page.
Simultaneously trip odometer 1 and 2 is indicated together with average fuel economy 1 and 2.
The information of trip page 1 and 2 can be reset separately while the respective display is active.

**On vehicles with LPG engines:**
Average consumption is indicated for the currently selected mode (LPG or petrol).

**Digital speed**
Digital display of the instantaneous speed.

**Fuel range**
Range is calculated from current fuel tank level and current consumption. The display shows average values.
After refuelling, the range is updated automatically after a brief delay.
When the fuel level in the tank is low, a message appears on the display and the control indicator ☹ in the fuel gauge illuminates.
Instruments and controls

When the tank must be refuelled immediately, a warning message appears and remains on the display. Additionally, control indicator💡 flashes in the fuel gauge ⚠️ 95.

**Fuel range, LPG version**

Display of the approximate total fuel range for each fuel tank (LPG and petrol). A low fuel level in any tank is indicated by Low in the respective section.

**Fuel level, LPG version**

Display of the fuel level in percent for the fuel type currently not being used, e.g. in petrol mode the fuel level for LPG is displayed.

**Instantaneous fuel economy**

Display of the instantaneous consumption.

On vehicles with LPG engines: Instantaneous consumption is indicated for the currently selected mode; LPG or petrol.

**Average vehicle speed**

Display of average speed. The measurement can be reset at any time.

To reset, press SET/CLR for a few seconds while viewing this page.

**Clock**

Display of current time.

Only indicated if no Infotainment system is available.

**Temperature**

Display of current outside temperature.

Only indicated if no Infotainment system is available.

**Blank page**

Shows a blank page without any information.

**Vehicle Information Menu**

Press MENU to select Vehicle Information Menu 🛠️.

Turn the adjuster wheel to select a submenu.

The following list contains all possible Vehicle Information Menu pages. Some may not be available for your particular vehicle.

Follow the instructions given in the submenus.

- unit
- speed warning
- remaining oil life
- tyre pressure
- tyre loading
- following distance
- traffic sign assistant
- language
Selection and indication is different between Midlevel- and Uplevel-Display.

Unit
Press SET/CLR while page is displayed. Select imperial (unit 1) or metric (unit 3) by turning the adjuster wheel. Press SET/CLR to set the unit.

Speed warning

To set the speed warning, press SET/CLR while the page is displayed. Turn the adjuster wheel to select the value. Press SET/CLR to set the speed.

If the selected speed limit is exceeded, a warning chime sounds. Once the speed is set, this feature can be turned off by pressing SET/CLR while viewing this page.

Remaining oil life
Indicates an estimate of the oil's useful life. The number in percentage means the current remaining oil life and indicates when to change the engine oil and filter 87.

Tyre pressure
Tyre pressure of all wheels is displayed on this page during driving 214.

Tyre load
The tyre pressure category according to the actually inflated tyre pressure can be selected 214.

Following distance
Displays the distance in seconds to a preceding moving vehicle 162.

Traffic sign assistant
Displays the detected traffic signs for the current route section 175.

Language
Select preferred country language as display language.
Only available if vehicle is not equipped with an Infotainment system.

ECO Information Menu
Press MENU to select ECO Information Menu.

Turn the adjuster wheel to select a submenu.
Follow the instructions given in the submenus.
• economy trend
• economy index
• top consumers
Economy trend

This page displays a graph of the last 10 recorded average fuel economy values per 100 km. Filled segments display the consumption in 5 km steps and shows the effect of topography or driving behaviour on fuel consumption. Graph can be reset by pressing SET/CLR.

Economy index

The current fuel consumption is indicated on a segment display. For economical driving, adapt your driving style to keep the filled segments within the Eco area. The more segments are filled, the higher the fuel consumption. Simultaneously, the current consumption value is indicated.

Top consumers

List of top comfort consumers currently switched on is displayed in descending order. Fuel saving potential is indicated. A switched-off consumer disappears from the list and the consumption value will be updated. The list of consumers varies due to model variant.

During sporadic driving conditions, the engine will activate the heated rear window automatically to increase the engine load. In this event, the heated rear window is indicated as one of the top consumers, without activation by the driver.

Colour-Info-Display

Depending on the vehicle configuration, the vehicle has a Colour-Info-Display with touch screen functionality.

The Colour-Info-Display with touch screen functionality indicates in colour:

- time 81
- outside temperature 80
- date 81
- rear view camera indication 173
- parking assist and advanced parking assist instructions 162
- electronic climate control settings 129
- Infotainment system, see description in the Infotainment manual
- system messages
- vehicle messages 104
- settings for vehicle personalisation 107

The type of information and how it is displayed depends on the settings made.

**Selecting menus and settings**

Menus and settings are selected via the touch screen display.

Press ☰: Home page is displayed.

Tap display icon **Settings**: Menu page **Settings** is displayed. Select a setting by tapping.

Tap selection once more to confirm a setting or value.

Press display button ☰ to exit a menu or setting without changing or delete the last character in a character sequence.

To exit the **Settings** menu, press display button ☰ in steps or press ☰ after confirming the changes.

Vehicle personalisation 107.

Memorised settings 24.

**Graphic-Info-Display**

Depending on the vehicle configuration, the vehicle has a Graphic-Info-Display.

The Graphic-Info-Display indicates:
- time 81
- outside temperature 80
- date 81
- electronic climate control settings 129
- Infotainment system, see description in the Infotainment manual
- settings for vehicle personalisation 107

**Selecting menus and settings**

Menus and settings are accessed via the display.
Press `CONFIG`: Menu page Settings is displayed.

Turn knob `MENU-TUNE` to select a setting or value.

Press knob `MENU-TUNE` to confirm a setting or value.

Press `BACK` to exit a menu or setting without changing or delete the last character in a character sequence.

Press the button for a few seconds to delete the entire entry.

To exit the Settings menu, press `BACK` in steps or press `CONFIG` after confirming the changes.

Vehicle personalisation ▶ 107.

Memorised settings ▶ 24.

---

**Vehicle messages**

Messages are indicated mainly in the Driver Information Centre, in some cases together with a warning and signal buzzer.

Press `SET/CLR`, `MENU` or turn the adjuster wheel to confirm a message.

---

**Vehicle messages on Base- and Midlevel-Display**

The vehicle messages are displayed as code numbers.

**No. Vehicle message**

1. Change engine oil
2. Engine coolant level low
3. Air conditioning off
4. Steering wheel is locked
5. Turn steering wheel, switch ignition off and then on
<table>
<thead>
<tr>
<th>No.</th>
<th>Vehicle message</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Turn steering wheel, start engine again</td>
</tr>
<tr>
<td>12</td>
<td>Vehicle overloaded</td>
</tr>
<tr>
<td>13</td>
<td>Compressor overheated</td>
</tr>
<tr>
<td>15</td>
<td>Centre high-mounted brake light failure</td>
</tr>
<tr>
<td>16</td>
<td>Brake light failure</td>
</tr>
<tr>
<td>17</td>
<td>Headlight levelling malfunction</td>
</tr>
<tr>
<td>18</td>
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**Vehicle messages on Uplevel-Display**

The vehicle messages are displayed as text. Follow the instructions given in the messages.

The system displays messages regarding the following topics:

- service messages
- fluid levels
- anti-theft alarm system
- brakes
- ride control systems
- cruise control, speed limiter
- forward collision alert
- parking assist systems
- lighting, bulb replacement
- wiper/washer system
- doors, windows
- side blind spot alert
- traffic sign assistant
- lane departure warning
- radio remote control
- seat belts
- airbag systems
- engine and transmission
- tyre pressure
- diesel particle filter
- vehicle battery status

**Warning chimes**

*When starting the engine or whilst driving*

Only one warning chime will sound at a time.

The warning chime regarding unfastened seat belts has priority over any other warning chime.

- If seat belt is not fastened.
- If a door or the tailgate is not fully closed when starting off.
- If a certain speed is exceeded with parking brake applied.
- If a programmed speed is exceeded.
- If a warning message appears in the Driver Information Centre or Info-Display.
- If the parking assist detects an object.
- If unintended lane change occurs.

**Vehicle messages on Colour-Info-Display**

Some important messages appear additionally in the Colour-Info-Display. Some messages only pop-up for a few seconds.
• If the reverse gear is engaged and the rear end carrier extended.
• If the diesel particle filter has reached the maximum filling level.

When the vehicle is parked and/or the driver's door is opened
• With exterior lights on.

During an Autostop
• If the driver's door is opened.

Battery voltage
Uplevel-Display
When the vehicle battery voltage is running low, a warning message will appear in the Driver Information Centre.

Base- and Midlevel-Display
When the vehicle battery voltage is running low, a warning code 174 will appear in the Driver Information Centre.

1. Switch off immediately any electrical consumers which are not required for a safe drive, e.g. seat heating, heated windsreen and heated rear window or other main consumers.

2. Charge the vehicle battery by driving continuously for a while or by using a charging device. The warning message or warning code will disappear after the engine has been started twice consecutively without a voltage drop.

If the vehicle battery cannot be recharged, have the cause of the fault remedied by a workshop.

Vehicle personalisation

The vehicle's behaviour can be personalised by changing the settings in the Info-Display.

Some of the personal settings for different drivers can be memorised individually for each vehicle key. Memorised settings 24.

Depending on vehicle equipment and country-specific regulations, some of the functions described below might not be available.

Some functions are only displayed or active when the engine is running.

Personal settings

Graphic-Info-Display
Press CONFIG for the Settings menu. Turn the MENU-TUNE control to move to the desired setup menu, and then press MENU-TUNE.
Instruments and controls

The following settings can be selected:

- **Languages**
  Selection of the desired language.

- **Time Date**
  Refer to 'Clock'  81.

- **Radio settings**
  Refer to Infotainment manual for further information.

- **Phone settings**
  Refer to Infotainment manual for further information.

- **Vehicle settings**
  - **Climate and air quality**
    - **Auto fan speed:** Modifies the level of the cabin airflow of the climate control in Automatic mode.
    - **Air conditioning mode:** Controls the state of the cooling compressor when the vehicle is started. Last setting (recommended) or at vehicle start is either always ON or always OFF.
    - **Auto rear demist:** Activates automatically rear heated window.

- **Comfort settings**
  - **Chime volume:** Changes the volume of warning chimes.
  - **Personalization by driver:** Activates or deactivates the personalisation function.
  - **Rear auto wipe in reverse:** Activates or deactivates automatic switching on of the rear window wiper when reverse gear is engaged.

- **Park assist / Collision detection**
  - **Park assist:** Activates or deactivates the ultrasonic parking assist. Activation is selectable with or without attached trailer coupling.
  - **Side blind zone alert:** Changes the settings for the side blind spot alert system.

- **Exterior ambient lighting**
  - **Exterior lighting by unlocking:** Activates or deactivates the entry lighting.
  - **Duration upon exit of vehicle:**
Activates or deactivates and changes the duration of exit lighting.

- **Power door locks**
  - **Auto door lock**: Activates or deactivates the automatic door locking function after switching on ignition.
  - **Stop door lock if door open**: Activates or deactivates the door locking function while a door is open.
  - **Delayed door lock**: Activates or deactivates the delayed door locking function. This menu option is displayed with **Stop door lock if door open** deactivated.
  - **Central locking system**
  - **Remote locking, unlocking, starting**
    - **Remote unlock feedback**: Activates or deactivates the hazard warning flasher feedback whilst unlocking.
    - **Passive door unlock**: Changes the configuration to unlock only the driver’s door or the whole vehicle whilst unlocking.
  - **Auto relock doors**: Activates or deactivates the automatic relock function after unlocking without opening the vehicle.
  - **Restore factory settings**: Resets all settings to the default settings.

### Personal settings

**Colour-Info-Display**

When audio is switched on, press \( \text{\textcopyright} \) on the control panel.

Press **Settings**.

The following settings can be selected:

- **Time & date settings**
- **Radio settings**
- **Connection settings**
- **Vehicle settings**
- **Language**
- **Text scroll**
- **Touch beep volume**
- **Max startup volume**
- **System version**
- **DivX(R) VOD**

In the corresponding submenus the following settings can be changed:

**Time & date settings**

Refer to ‘Clock’ \( \text{\textcopyright} \) 81.
Radio settings
Refer to Infotainment manual for further information.

Connection settings
Refer to Infotainment manual for further information.

Vehicle settings
- Climate & air quality
  Auto fan speed: Modifies the level of the cabin airflow of the climate control in automatic mode.
  Air conditioning mode: Controls the state of the cooling compressor when the vehicle is started. Last setting (recommended) or at vehicle start is either always ON or always OFF.
  Auto rear defog: Activates heated rear window automatically.
- Comfort & convenience
  Chime volume: Changes the volume of warning chimes.
  Personalization by driver: Activates or deactivates the personalisation function.
  Auto wipe in reverse gear: Activates or deactivates automatic switching on of the rear window wiper when reverse gear is engaged.
- Collision / detection
  Park assist: Activates or deactivates the ultrasonic parking assist. Activation is selectable with or without attached trailer coupling.
  Side blind zone alert: Changes the settings for the side blind spot alert system.
- Lighting
  Exit lighting: Activates or deactivates and changes the duration of exit lighting.
  Vehicle locator lights: Activates or deactivates the welcome lighting.
- Power door locks
  Auto door lock: Activates or deactivates the automatic door locking function after switching on ignition.
  Unlocked door anti lock out: Activates or deactivates the door locking function while a door is open.
  Delayed door lock: Activates or deactivates the delayed door locking function. This menu option is displayed with Unlocked door anti lock out deactivated. Central locking system 24.
- Lock, unlock settings
  Remote unlock light feedback: Activates or deactivates the hazard warning flasher feedback whilst unlocking.
  Remote door unlock: Changes the configuration to unlock only the driver's door or the whole vehicle whilst unlocking.
  Relock remotely unlocked doors: Activates or deactivates the automatic relock function after
unlocking without opening the vehicle.

- **Vehicle factory settings:** Restores the setting values back to the factory default settings.

**Language**
Selection of the desired language.

**Text scroll**
Refer to Infotainment manual for further information.

**Touch beep volume**
Refer to Infotainment manual for further information.

**Max startup volume**
Refer to Infotainment manual for further information.

**System version**
Refer to Infotainment manual for further information.

**DivX(R) VOD**
Refer to Infotainment manual for further information.

### OnStar® system

OnStar is a personal connectivity and mobility assistant with integrated Wi-Fi hotspot. The OnStar service is available 24 hours a day, seven days a week.

**Note**
OnStar is not available for all markets. For further information, contact your workshop.

**Note**
In order to be available and operational, OnStar needs a valid OnStar subscription, functioning vehicle electrics, mobile service and GPS satellite link.

To activate the OnStar services and set up an account, press \( \odot \) and speak with an OnStar advisor.

Depending on the equipment of the vehicle, the following services are available:

- OnStar emergency services and support in the case of a vehicle breakdown
- Wi-Fi hotspot
- OnStar smartphone application
- OnStar remote services, e.g. location of the vehicle, activation of horn and lights, control of central locking system
- Stolen vehicle assistance
- Vehicle health check
- Destination download

**Note**
All functions requiring data connection to the vehicle are no longer available if the vehicle ignition has not been turned on for ten days.
Privacy button
Press and hold until an audio message is heard to activate or deactivate the transmission of the vehicle location.
Press to answer a call or to end a call to an OnStar advisor.
Press to access the Wi-Fi settings.

OnStar button
Press to establish a connection to an OnStar advisor.

SOS button
Press to establish a priority emergency connection to a specially trained emergency advisor.

Status light
Green: The system is ready.
Green flashing: The system is on a call.
Red: A problem arose.
Off: System is off.
Red / green flashing for a short period of time: Transmission of the vehicle location has been deactivated.

OnStar services

OnStar emergency services
OnStar emergency provides a service with specially trained emergency advisors for contact, assistance and information during an emergency.
In the case of an emergency situation including vehicle breakdown, a flat tyre or empty fuel tank, press and talk to the advisor. The advisor then contacts emergency or assistance service providers and directs them to your vehicle.
In the case of an accident with activation of airbags or belt tensioners, an automatic emergency call is established. The advisor is immediately connected to your vehicle to see whether help is needed.

OnStar Wi-Fi hotspot
The Wi-Fi hotspot of the vehicle provides internet connectivity through the 4G/LTE mobile network.

Note
The Wi-Fi hotspot functionality is not available for all markets.

Up to seven devices may be connected.

To connect a mobile device with the OnStar Wi-Fi hotspot:
1. Press and then select Wi-Fi settings on the Info-Display. The settings displayed include the Wi-Fi hotspot name (SSID), password and connection type.
2. Start a Wi-Fi network search on your mobile device.
3. Select your vehicle hotspot (SSID) when listed.
4. When prompted, enter the password on your mobile device.

Note
To change the SSID or password, select and talk to an OnStar advisor or logon to your account.

To switch off the Wi-Fi hotspot functionality, press to call an OnStar advisor.

Smartphone app
With the myOpel smartphone app, some vehicle functions can be operated via a smartphone.
The following functions are available:

- Lock or unlock doors.
- Honk horn or flash lights.
- Check fuel level, engine oil life and tyre pressure (only with tyre pressure monitoring system).
- Send navigation destination to the vehicle, if equipped with a built-in navigation system.
- Locate vehicle on a map.
- Manage Wi-Fi settings.

To operate these functions, download the app from the respective app store.

Remote service

If desired, use any phone to call an OnStar advisor, who can remotely operate specific vehicle functions. Find the respective OnStar phone number on our country-specific website.

The following functions are available:

- Lock or unlock doors.
- Provide information on the vehicle location.
- Honk horn or flash lights.

Stolen vehicle assistance

If a vehicle is stolen, the OnStar stolen vehicle assistance service can provide support in locating and recovering the vehicle.

Theft alert

When the anti-theft alarm system is triggered, a notification is sent to OnStar. You are then informed about this event by text message or email.

If required, report the theft to the authorities and request OnStar stolen vehicle assistance. Use any phone to call an OnStar advisor. Find the respective OnStar phone number on our country-specific website.

Remote ignition block

By sending remote signals, OnStar can block the ignition cycle preventing the vehicle from restarting once it has been turned off.

On-demand diagnostics

At any time e.g. if the vehicle displays a service message, press ☐ to contact an OnStar advisor and ask to complete a real-time diagnostic check to directly determine the issue. Depending on the results, the advisor will provide further support.

Monthly vehicle diagnostics

The vehicle automatically transmits diagnostic data to OnStar which sends a monthly email report to you and your preferred workshop.

Note

The workshop notification function can be disabled in your account.

The report contains the status of key operating systems of the vehicle like engine, transmission, airbags, antilock brakes, and other major systems. It also provides information on possible maintenance items and tyre pressure (only with tyre pressure monitoring system).

To look at the information in greater detail, select the link within the email and log into your account.

Destination download

A desired destination can be directly downloaded to the navigation system.
Instruments and controls

Press ☎️ to call an OnStar advisor and describe the destination or point of interest.

The OnStar advisor can look up any address or point of interest and directly download the destination to the built-in navigation system.

**OnStar settings**

**OnStar PIN**
To have full access to all OnStar services, a four-digit PIN is required. The PIN has to be personalised when first talking to an OnStar advisor.
To change the PIN, press ☎️ to call an OnStar advisor.

**Account data**
An OnStar subscriber has an account, where all the data is stored.
To request a change of the account information, press ☎️ and talk to an OnStar advisor or logon to your account.
If the OnStar service is used on another vehicle, press ☎️ and request that the account be transferred to the new vehicle.

**Note**
In any case, if the vehicle is disposed of, sold or otherwise transferred, immediately inform OnStar about the changes and terminate the OnStar service on this vehicle.

**Vehicle location**
The vehicle location is transmitted to OnStar when service is requested or triggered. A message on the Info-Display informs about this transmission.
To activate or deactivate the transmission of the vehicle location, press and hold ☎️ until an audio message is heard.
The deactivation is indicated by the status light flashing red and green for a short period of time and each time the vehicle is started.

**Note**
If the transmission of the vehicle location is deactivated, some services are no longer available.

**Note**
The vehicle location always remains accessible to OnStar in the case of an emergency.

Find the privacy policy in your account.

**Software updates**
OnStar may remotely carry out software updates without further notice or consent. These updates are to enhance or maintain safety and security or the operation of the vehicle.
These updates may concern privacy issues. Find the privacy policy in your account.
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Exterior lighting

Light switch

Turn light switch:
0 : lights off
∞∞ : sidelights
ID : headlights

Control indicator ∞∞ 96.
Light switch with automatic light control

Turn light switch:

**AUTO**: automatic light control:
- headlights are switched on and off automatically depending on external lighting conditions

**: activation or deactivation of the automatic light control.
  Switch turns back to **AUTO**

****: sidelights

****: headlights

The current status of the automatic light control is displayed in the Driver Information Centre.

When switching on the ignition, automatic light control is active.
When headlights are on, **illuminates. Control indicator ** 96.

**Tail lights**
Tail lights are illuminated together with headlights and sidelights.

**Automatic light control**

When the automatic light control function is switched on and the engine is running, the system switches between daytime running light and headlights automatically depending on the lighting conditions and information given by the rain sensor system.

Daytime running light ⚡ 118.

**Automatic headlight activation**
During poor lighting conditions the headlights are switched on.
Furthermore the headlights are switched on if the windscreen wipers have been activated for several wipes.

**Tunnel detection**
When a tunnel is entered, the headlights are switched on immediately.
**High beam**

To switch from low to high beam, push lever.

To switch to low beam, push lever again or pull.

High beam assist 118.

**Headlight flash**

To activate the headlight flash, pull lever.

**Headlight range adjustment**

Manual headlight range adjustment

To adapt headlight range to the vehicle load to prevent dazzling: turn thumb wheel to required position.

0: front seats occupied
1: all seats occupied
2: all seats occupied and load compartment laden
3: driver’s seat occupied and load compartment laden

**Headlights when driving abroad**

The asymmetrical headlight beam extends visibility at the edge of the road at the passenger side.

However, when driving in countries where traffic drives on the opposite side of the road, adjust the headlights to prevent dazzling of oncoming traffic.

There are two adjuster elements on each headlight housing.

Turn both adjuster elements on each headlight housing $1/2$ turn with a size six hexagon key anticlockwise to
Lighting

118

set to right-hand traffic mode. Therefore, insert the key in the guide as shown in the illustration. Alternatively, a Phillips head screwdriver size three can be used for setting.

To reset to left-hand traffic mode, turn adjuster elements 1/2 turn clockwise.

Daytime running lights

Daytime running light increases visibility of the vehicle during daylight. They are switched on automatically when ignition is on.

Versions with automatic light control

The system switches automatically between daytime running light and headlights, depending on the lighting conditions and information given by the rain sensor system. Automatic light control 116.

Xenon lighting system

Xenon lighting system includes:
- xenon headlights for low and high beam
- high beam assist
- corner lighting
- reversing function

Xenon headlights

Xenon headlights for low and high beam ensure better visibility under all conditions.
Operation is the same as for halogen headlights.
Light switch 115, high beam 117, headlight flash 117, headlight range adjustment 117, headlights when driving abroad 117.
Automatic light control 116.

High beam assist

This feature allows high beam xenon lights to function as the main driving light at night and when vehicle speed exceeds 40 km/h.

It switches automatically to low beam when:
- The camera in the windscreen detects the lights of oncoming or preceding vehicles.
- The vehicle speed drops below 20 km/h.
- It is foggy or snowy.
- Driving in urban areas.

If there are no restrictions detected, the system switches back to high beam.

Activation
The high beam assist is activated by pushing the indicator lever twice at a speed above 40 km/h.
The green control indicator illuminates continuously when the assist is activated, the blue one illuminates when high beam is on.
Control indicator 96.

Deactivation
Push indicator lever once. It is also deactivated when front fog lights are switched on.
If a headlight flash is activated when the high beam is on, the high beam assist will be deactivated.
If a headlight flash is activated when the high beam is off, the high beam assist will remain activated.
The latest setting of the high beam assist will remain after the ignition is switched on again.

Corner lighting
On tight bends or when turning off, depending on the steering angle or the indicator light signal, an additional left or right reflector is switched on which illuminates the road in the direction of travel. It is activated up to a speed of 40 km/h.

Reversing function
If the low beam is on and reverse gear is engaged, both corner lights are switched on. They remain illuminated for 20 seconds after disengaging reverse gear.

Hazard warning flashers
Operated by pressing ．
In the event of an accident with airbag deployment, the hazard warning flashers are activated automatically.
Turn and lane-change signals

- lever up: right turn signal
- lever down: left turn signal

If the lever is moved past the resistance point, the turn signal is switched on constantly. When the steering wheel moves back, the turn signal is automatically deactivated.

For three flashes, e.g. when changing lanes, press the lever until resistance is felt and then release.

With a trailer connected, turn signal flashes six times and tone frequency changes when pressing the lever until resistance is felt and then releasing.

Move the lever to the resistance point and hold for longer indication.

Switch the turn signal off manually by moving the lever to its original position.

Front fog lights

Operated by pressing ‘I’.

Operated by pressing ‘I’.

Light switch in position AUTO: switching on front fog lights will switch the low beam on automatically.

Rear fog light

Operated by pressing ‘I’.

Light switch in position AUTO: switching on rear fog light will switch on headlights automatically.
Parking lights

When the vehicle is parked, the parking lights on one side can be activated:

1. Switch off the ignition.
2. Move the turn signal lever all the way up (right parking lights) or down (left parking lights).

Confirmed by an acoustic signal and the corresponding turn signal control indicator.

Reversing lights

The reversing light comes on when the ignition is on and reverse gear is selected.

Misted light covers

The inside of the light housing may mist up briefly in poor, wet and cold weather conditions, in heavy rain or after washing. The mist disappears quickly by itself; to help switch on the headlights.

Interior lighting

Instrument panel illumination control

Brightness of the following lights can be adjusted when the exterior lights are on:

- instrument panel illumination
- dome light
- ambient light
- Info-Display
- illuminated switches and operation elements
Lighting

Turn thumb wheel ⬇️ and hold until the desired brightness is obtained. On vehicles with automatic light control, the brightness can only be adjusted when the exterior lights are on and the light sensor detects night conditions.

Interior lights

Front courtesy light

Operate rocker switch:
- centre : automatic switching on when opening a door.
- press I : permanently on
- press 0 : permanently off

Front courtesy light with reading lights

When opening a door, the courtesy light automatically switches on and then off after a delay.

Pressing ☾ switches courtesy light on or off manually.
Switching on ignition will turn off courtesy light.

When exterior lighting has been on previously, courtesy light will turn on when ignition is switched off.

Note
In the event of an accident with airbag deployment, the courtesy lights are turned on automatically.

Rear courtesy lights

Left and right lamps are operated separately.
Operate rocker switches:

- **centre position**: automatic switching on when opening a door. Turns off after a delay.
- **press I**: permanently on
- **press 0**: permanently off

**Dome light**

Spotlight incorporated in the inside mirror housing comes on when headlights are switched on. Dome light illuminates gear shifting console indirectly.

**Ambient light**

The ambient light consists of indirect red lights in the doors and in the passenger foot well. It can be dimmed with the thumb wheel together with the instrument panel illumination.

Ambient light comes on automatically when switching off ignition and extinguishes after opening a door.

---

### Reading lights

Operated by pressing for the left and right side.

---

### Lighting features

#### Entry lighting

**Welcome lighting**

The following lights are switched on for a short time by unlocking the vehicle with the radio remote control:

- headlights
- tail lights
- number plate lights
- instrument panel light
- interior lights

Some functions are only operable when it is dark outside, to facilitate locating the vehicle.

Lighting switches off immediately when the ignition key is turned to position 1.

Activation or deactivation of this function can be changed in the Info-Display.

Vehicle personalisation.

The settings can be saved for the key being used.
The following lights will additionally switch on when the driver's door is opened:
- all switches
- Driver Information Centre

**Exit lighting**

The following lights switch on if the key is removed from the ignition switch:
- interior lights
- instrument panel light (only when it is dark)

They will switch off automatically after a delay and will be activated again if the driver's door is opened.

**Path lighting**

Headlights, tail lights and number plate lights illuminate the surrounding area for an adjustable time after leaving the vehicle.

**Activating**

1. Switch off the ignition.
2. Remove the ignition key.
3. Open driver's door.
4. Pull the turn signal lever.
5. Close the driver's door.

If the driver's door is not closed the lights switch off after two minutes.

Exit lighting is switched off immediately if the turn signal lever is pulled while the driver's door is open.

Activation, deactivation and duration of this function can be changed in the Info-Display. Vehicle personalisation 107.

The settings can be saved for the key being used 24.

**Battery discharge protection**

**Vehicle battery state of charge function**

The function guarantees longest vehicle battery life via a generator with controllable power output and optimised power distribution.

To prevent discharge of the vehicle battery when driving, the following systems are reduced automatically in two stages and finally switched off:
- auxiliary heater
- heated rear window
- heated windscreen
- heated mirrors
- heated seats
- fan

In the second stage, a message which confirms the activation of the vehicle battery discharge protection will be displayed in the Driver Information Centre.
Switching off electric lights

To prevent discharge of the vehicle battery when the ignition is switched off, some interior lights are switched off automatically after some time.
Climate control

Climate control systems .............................. 126
Heating and ventilation system ...................... 126
Air conditioning system ................................ 127
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Climate control systems
Heating and ventilation system

Controls for:
- temperature
- fan speed
- air distribution

Heated rear window 33.
Heated windscreen 34.
Heated seats 40.
Heated steering wheel 77.

Temperature
red : warm
blue : cold

Heating will not be fully effective until the engine has reached normal operating temperature.

Fan speed
Adjust the air flow by switching the fan to the desired speed.

Air distribution
: to head area
: to head area and foot well
: to foot well
: to windscreen, front door windows and foot well
: to windscreen and front door windows

Intermediate settings are possible.
Demisting and defrosting the windows

- Set temperature control to warmest level.
- Set fan speed to highest speed.
- Set air distribution control to 🌠.
- Switch on heated rear window 🎈.
- Open side air vents as required and direct them towards door windows.
- For simultaneous warming of the foot well, set air distribution control to 🌠.

Air conditioning system

Controls for:
- temperature
- fan speed
- air distribution

- 🌸: cooling
- 🔄: air recirculation
- 🎈: heated rear window 🎈 33

Heated windshield 🎈 34.
Heated seats 🎈 40.
Heated steering wheel 🎈 77.

Temperature

red : warm
blue : cold

Heating will not be fully effective until the engine has reached normal operating temperature.

Fan speed

Adjust the air flow by switching the fan to the desired speed.

Air distribution

- 🌠: to head area
- 🌠: to head area and foot well
- 🌠: to foot well
- 🎈: to windshield, front door windows and foot well
- 🎈: to windshield and front door windows (air conditioning is activated in the background to help preventing windows from fogging)

Intermediate settings are possible.
Climate control

Cooling

Press ⚡ to switch on cooling. Activation is indicated by illumination of the LED in the button. Cooling is only functional when the engine is running and climate control fan is switched on.

Press ⚡ again to switch off cooling. The air conditioning system cools and dehumidifies (dries) as soon as the outside temperature is slightly above the freezing point. Therefore condensation may form and drip from under the vehicle.

If no cooling or drying is required, switch off the cooling system for fuel saving reasons. Activated cooling may inhibit Autostops. Stop-start system ⚡ 139.

Air recirculation system

Press ⚛️ to activate air recirculation mode. Activation is indicated by illumination of the LED in the button. Press ⚛️ again to deactivate air recirculation mode.

⚠️ Warning

The exchange of fresh air is reduced in air recirculation mode. In operation without cooling the air humidity increases, so the windows may mist up from inside. The quality of the passenger compartment air deteriorates, which may cause the vehicle occupants to feel drowsy.

In warm and very humid ambient air conditions, the windscreen may mist up from outside, when cold air is directed towards it. If windscreen mists up from outside, activate windscreen wiper and deactivate ⚛️.

Maximum cooling

Briefly open the windows so that hot air can disperse quickly.
Climate control

- Switch on cooling 🌡.
- Air recirculation system 💫 on.
- Set temperature control to coldest level.
- Set fan speed to highest level.
- Set air distribution control to 🌡.
- Open all vents.

Demisting and defrosting the windows 🧼

- Set temperature control to warmest level.
- Set fan speed to highest level.
- Set air distribution control to 🌡.
- Switch on heated rear window 🔥.
- Open side air vents as required and direct them towards the door windows.

Note

If air distribution mode 🌡 is selected while engine is running, an Autostop will be inhibited until another air distribution is selected.

If air distribution mode 🌡 is selected while the engine is in an Autostop, the engine will restart automatically.

Stop-start system 🔥 139.

Electronic climate control system
Climate control settings are shown on the Info-Display. Setting modifications are briefly popped-up, superimposed over the currently displayed menu.

The electronic climate control system is only fully operational when the engine is running.

**Automatic mode AUTO**

Basic setting for maximum comfort:
- Press AUTO, the air distribution and fan speed are regulated automatically. Activation is indicated by illumination of the LED in the button.

- Open all air vents to allow optimised air distribution in Automatic mode.
- Press 🎨 to switch on optimal cooling and demisting. Activation is indicated by illumination of the LED in the button.
- Set the preselected temperature using the centre rotary knob. Recommended temperature is 22 °C.

**Temperature preselection**

Set temperature by turning the centre rotary knob to the desired value. It is indicated on the display in the switch. For reasons of comfort, change temperature only in small increments.

Heated windscreen 🔧 34.
Heated seats 🔧 40.
Heated steering wheel 🔧 77.

In Automatic mode, temperature, fan speed and air distribution are regulated automatically.

Controls for:
- fan speed
- temperature
- air distribution

☀️ cooling
AUTO: automatic mode
 순간: manual air recirculation
💨: demisting and defrosting
🔥: heated rear window 🔧 33

Climate control

130
If the minimum temperature Lo is set, the climate control system runs at maximum cooling, if cooling ⦿ is switched on.
If the maximum temperature Hi is set, the climate control system runs at maximum heating.

**Note**
If ⦿ is switched on, reducing the set cabin temperature can cause the engine to restart from an Autostop or inhibit an Autostop.

**Demisting and defrosting the windows ⦿**

- Press ⦿. Activation is indicated by illumination of the LED in the button.
- Temperature and air distribution are set automatically and the fan runs at high speed.
- Switch on heated rear window ⦿.
- To return to previous mode: press ⦿, to return to Automatic mode: press AUTO.

Setting of automatic rear window heating can be changed in the Info-Display. Vehicle personalisation 107.

**Note**
If ⦿ is pressed while the engine is running, an Autostop will be inhibited until ⦿ is pressed again.
If ⦿ is pressed with the fan switched on and the engine running, an Autostop will be inhibited until ⦿ is pressed again or until the fan is switched off.
If ⦿ is pressed while the engine is in an Autostop, the engine will restart automatically.
If ⦿ is pressed with the fan switched on while the engine is in an Autostop, the engine will restart automatically.

Stop-start system 139.

**Manual settings**

Climate control system settings can be changed by activating the buttons and rotary knobs as follows. Changing a setting will deactivate the Automatic mode.
Fan speed ✉

Turn left rotary knob to decrease or increase fan speed. The fan speed is indicated in the Info-Display.

Turning knob to O: fan and cooling are switched off.

To return to Automatic mode: Press AUTO.

Air distribution

Turn right rotary knob for desired adjustment. Setting is indicated in the Info-Display.

k: to foot well

k: to windshield, front door windows and foot well

k: to windshield and front door windows (air conditioning is activated in the background to help preventing windows from fogging)

k: to head area via adjustable air vents

k: to head area and foot well

Return to Automatic air distribution: press AUTO.

Cooling ✉

Press ✉ to switch on cooling. Activation is indicated by illumination of the LED in the button. Cooling is only functional when the engine is running and climate control fan is switched on.

Press ✉ again to switch off cooling.

The air conditioning system cools and dehumidifies (dries) as soon as the outside temperature is slightly above the freezing point. Therefore condensation may form and drip from under the vehicle.
If no cooling or drying is required, switch off the cooling system for fuel saving reasons.

When the cooling system is switched off, no engine restart will be requested by the climate control system during an Autostop. Exception: defrost system is activated and outside temperature above 0 °C requests a restart.

The status of cooling operation is indicated in the Info-Display.

Activation or deactivation of cooling operation after engine start can be changed in the Info-Display. Vehicle personalisation 107.

---

### Air recirculation mode

Press to activate air recirculation mode. Activation is indicated by illumination of the LED in the button. Press again to deactivate air recirculation mode.

---

### Warning

The exchange of fresh air is reduced in air recirculation mode. In operation without cooling the air humidity increases, so the windows may mist up from inside. The quality of the passenger compartment air deteriorates, which may cause the vehicle occupants to feel drowsy.

---

In warm and very humid ambient air conditions, the windscreen may mist up from outside, when cold air is directed towards it. If windscreen mists up from outside, activate windscreen wiper and deactivate.

### Basic settings

Some settings can be changed in the Info-Display. Vehicle personalisation 107.
Air vents

Adjustable air vents

At least one air vent must be open while the cooling is on.

Adjust the air amount at the vent outlet by turning the adjuster wheel. The vent is closed when the adjuster wheel is turned close to the left or right.

Direct the flow of air by tilting and swivelling the slats.

⚠️ Warning

Do not attach any objects to the slats of the air vents. Risk of damage and injury in case of an accident.

Fixed air vents

Additional air vents are located beneath the windscreen and door windows and in the foot wells.

Maintenance

Air intake

The air intake in front of the windscreen in the engine compartment must be kept clear to allow air intake. Remove any leaves, dirt or snow.

Pollen filter

The pollen filter cleans dust, soot, pollen and spores from the air entering the vehicle through the air intake.
Air conditioning regular operation

In order to ensure continuously efficient performance, cooling must be operated for a few minutes once a month, irrespective of the weather and time of year. Operation with cooling is not possible when the outside temperature is too low.

Service

For optimal cooling performance, it is recommended to annually check the climate control system, starting three years after initial vehicle registration, including:

- functionality and pressure test
- heating functionality
- leakage check
- check of drive belts
- cleaning of condenser and evaporator drainage
- performance check
Driving hints

Control of the vehicle

Never coast with engine not running

Many systems will not function in this situation (e.g. brake servo unit, power steering). Driving in this manner is a danger to yourself and others.

All systems function during an Autostop.

Stop-start system \(\diamond\) 139.

Idle boost

If charging of the vehicle battery is required due to battery condition, the power output of the generator must be increased. This will be achieved by an idle boost which may be audible.

A message appears in the Driver Information Centre.

Pedals

To ensure the pedal travel is uninhibited, there must be no mats in the area of the pedals.

Use only floor mats, which fit properly and are fixed by the retainers on the driver side.

Driving downhill

Engage a gear when driving downhill to ensure that sufficient brake pressure is available.

Starting and operating

New vehicle running-in

Do not brake unnecessarily hard for the first few journeys.

During the first drive, smoke may occur because of wax and oil evaporating off the exhaust system. Park the vehicle in the open for a while after the first drive and avoid inhaling the fumes.

During the running-in period, fuel and engine oil consumption may be higher.

Additionally, the cleaning process of the diesel particle filter may take place more often.

Diesel particle filter \(\diamond\) 143.

Autostop may be inhibited to allow for charging of the vehicle battery.

Ignition switch positions

Turn key:
0: Ignition off: Some functions remain active until key is removed or driver's door is opened, provided the ignition was on previously.

1: Accessory power mode: Steering wheel lock released, some electrical functions are operable, ignition is off.

2: Ignition on power mode: Ignition is on, diesel engine is preheating. Control indicators illuminate and most electrical functions are operable.

3: Engine start: Release key after starting procedure begins.

**Steering wheel lock**
Remove key from ignition switch and turn steering wheel until it engages.

**Retained power off**
The following electronic systems are operable until the driver's door is opened or at the latest for ten minutes after the ignition is switched off:
- Power windows
- Power outlets
- Power sunroof

Power to the Infotainment system will continue to operate for 30 minutes or until the key is removed from the ignition switch, regardless of whether any door is opened.

**Starting the engine**
Turn key to position 1 to release the steering wheel lock.

Manual transmission: operate clutch and brake pedal.

Manual transmission automated: operate brake pedal.

Automatic transmission: operate brake pedal and move selector lever to P or N.

Do not operate the accelerator pedal.

Diesel engine: turn the key to position 2 for preheating until control indicator 🙊 extinguishes.
Turn key briefly to position 3 and release: an automatic procedure operates the starter after a brief delay, until the engine is running. See 'Automatic Starter Control'.

Before restarting or to switch off the engine, turn the key back to position 0.

During an Autostop, the engine can be started by depressing the clutch pedal.

**Starting the vehicle at low temperatures**

**Diesel engines**
The start of the engine without additional heaters is possible down to -25 °C.

**Petrol engines**
The start of the engine without additional heaters is possible down to -30 °C.

Required is an engine oil with the correct viscosity, the correct fuel, performed services and a sufficiently charged vehicle battery.

With temperatures below -30 °C, the automatic transmission requires a warming phase of approx. five minutes. The selector lever must be in position P.

**Automatic starter control**
This function controls the engine starting procedure. The driver does not need to hold the key in position 3. Once applied, the system will go on starting automatically until the engine is running. Because of the checking procedure, the engine starts running after a short delay.

Possible reasons for a non-starting engine:
- clutch pedal not operated (manual transmission)
- brake pedal not operated or selector lever not in P or N (automatic transmission)
- timeout occurred

**Turbo engine warm-up**
Upon start-up, engine available torque may be limited for a short time, especially when the engine temperature is cold. The limitation is to allow the lubrication system to fully protect the engine.

**Overrun cut-off**
The fuel supply is automatically cut-off during overrun, i.e. when the vehicle is driven with a gear engaged but accelerator is released.

**Stop-start system**
The stop-start system helps to save fuel and to reduce the exhaust emissions. When conditions allow, it switches off the engine as soon as the vehicle is at a low speed or at a standstill, e.g. at a traffic light or in a traffic jam.

On vehicles with manual transmission, the engine is started automatically as soon as the clutch is depressed.
On vehicles with manual transmission automated, the engine is started automatically as soon as the brake pedal is released.

A vehicle battery sensor ensures that an Autostop is only performed if the vehicle battery is sufficiently charged for a restart.

**Activation**

The stop-start system is available as soon as the engine is started, the vehicle starts-off and the conditions as stated below in this section are fulfilled.

**Deactivation**

Deactivate the stop-start system manually by pressing `eco`. The deactivation is indicated when the LED in the button extinguishes.

**Autostop**

**Vehicles with manual transmission**

If the vehicle is at a low speed or at a standstill, activate an Autostop as follows:
- Depress the clutch pedal.
- Set the lever in neutral.
- Release the clutch pedal.

The engine will be switched off while the ignition stays on.

**Vehicles with manual transmission automated**

If the vehicle is at a standstill with the brake pedal depressed, Autostop is activated automatically.

The engine will be switched off while the ignition stays on.

The stop-start system will be disabled on inclines of 15% or more.

**Indication**

An Autostop is indicated by control indicator (A).

During an Autostop, the heating and brake performance will be maintained.

**Conditions for an Autostop**

The stop-start system checks if each of the following conditions is fulfilled:
- The stop-start system is not manually deactivated.
- The bonnet is fully closed.
- The driver’s door is closed or the driver’s seat belt is fastened.
- The vehicle battery is sufficiently charged and in good condition.
- The engine is warmed-up.
- The engine coolant temperature is not too high.
• The engine exhaust temperature is not too high, e.g. after driving with high engine load.
• The ambient temperature is above -5 °C.
• The climate control system allows an Autostop.
• The brake vacuum is sufficient.
• The self-cleaning function of the diesel particle filter is not active.
• The vehicle was driven at least at walking speed since the last Autostop.

Otherwise an Autostop will be inhibited.

Certain settings of the climate control system may inhibit an Autostop. See 'Climate control' chapter for further information 129.

Immediately after motorway driving an Autostop may be inhibited.

New vehicle running-in 137.

Vehicle battery discharge protection
To ensure reliable engine restarts, several vehicle battery discharge protection features are implemented as part of the stop-start system.

Power saving measures
During an Autostop, several electrical features, e.g. the rear window heating, are disabled or switched into a power saving mode. The fan speed of the climate control system is reduced to save power.

Restart of the engine by the driver

Vehicles with manual transmission
Depress the clutch pedal to restart the engine.

When the engine is restarted, control indicator D in the Driver Information Centre extinguishes.

If the selector lever is shifted out of neutral before depressing the clutch pedal first, control indicator D illuminates or is shown as a symbol in the Driver Information Centre.

Control indicator D 93.

Vehicles with manual transmission automated
Release the brake pedal or move selector lever out of D to restart the engine.

When the engine is restarted, control indicator in the Driver Information Centre extinguishes.

Restart of the engine by the stop-start system

The selector lever must be in neutral to enable an automatic restart.

If one of the following conditions occurs during an Autostop, the engine will be restarted automatically by the stop-start system:
• The stop-start system is manually deactivated.
• The bonnet is opened.
• The driver's seat belt is unfastened and the driver's door is opened.
• The engine temperature is too low.
• The charging level of the vehicle battery is below a defined level.
Driving and operating

- The brake vacuum is not sufficient.
- The vehicle is driven at least at walking speed.
- The climate control system requests an engine start.
- The air conditioning is manually switched on.

If the bonnet is not fully closed, a warning message is displayed in the Driver Information Centre.

If an electrical accessory, e.g. a portable CD player, is connected to the power outlet, a brief power drop during restart might be noticeable.

Parking

**Warning**

- Do not park the vehicle on an easily ignitable surface. The high temperature of the exhaust system could ignite the surface.

**Caution**

- Always apply the parking brake. Activate the manual parking brake without pressing the release button. Apply as firmly as possible on a downhill slope or uphill slope. Depress brake pedal at the same time to reduce operating force.
- Switch off the engine.
- If the vehicle is on a level surface or uphill slope, engage first gear or set the selector lever to position P before removing the ignition key. On an uphill slope, turn the front wheels away from the kerb.
- If the vehicle is on a downhill slope, engage reverse gear or set the selector lever to position P before removing the ignition key. Turn the front wheels towards the kerb.
- Close the windows and the sunroof.
- Remove the ignition key from the ignition switch. Turn the steering wheel until the steering wheel lock is felt to engage.
- Lock the vehicle.
- Activate the anti-theft alarm system.
- The engine cooling fans may run after the engine has been switched off.
**Note**
In the event of an accident with airbag deployment, the engine is switched off automatically if the vehicle comes to a standstill within a certain time.

---

**Engine exhaust**

<table>
<thead>
<tr>
<th>Danger</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine exhaust gases contain poisonous carbon monoxide, which is colourless and odourless and could be fatal if inhaled.</td>
</tr>
</tbody>
</table>

If exhaust gases enter the interior of the vehicle, open the windows. Have the cause of the fault rectified by a workshop.

Avoid driving with an open load compartment, otherwise exhaust gases could enter the vehicle.

---

**Diesel particle filter**

The diesel particle filter system filters harmful soot particles out of the exhaust gases. The system includes a self-cleaning function that runs automatically during driving without any notification. The filter is cleaned by periodically burning off the soot particles at high temperature. This process takes place automatically under set driving conditions and may take up to 25 minutes. Typically it needs between seven and 12 minutes. Autostop is not available and fuel consumption may be higher during this period. The emission of smells and smoke during this process is normal.

Under certain driving conditions, e.g. short distances, the system cannot clean itself automatically.

If cleaning of the filter is required and if previous driving conditions did not enable automatic cleaning, it will be indicated by control indicator  ▶️. Simultaneously a warning message or warning code appears in the Driver Information Centre.

▶️ illuminates when diesel particle filter is full. Start cleaning process as soon as possible.
Driving and operating

144 flashes when diesel particle filter has reached the maximum filling level. Start cleaning process immediately to avoid damage to the engine.

Cleaning process

To activate cleaning process, continue driving, keep engine speed above 2000 revolutions per minute. Shift down if necessary. Diesel particle filter cleaning is then started.

If ✠ illuminates additionally, cleaning is not possible, seek the assistance of a workshop.

Catalytic converter

The catalytic converter reduces the amount of harmful substances in the exhaust gases.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel grades other than those listed on pages 179, 245 could damage the catalytic converter or electronic components.</td>
</tr>
<tr>
<td>Unburnt petrol will overheat and damage the catalytic converter. Therefore avoid excessive use of the starter, running the fuel tank dry and starting the engine by pushing or towing.</td>
</tr>
</tbody>
</table>

In the event of misfiring, uneven engine running, a reduction in engine performance or other unusual problems, have the cause of the fault rectified by a workshop as soon as possible. In an emergency, driving can be continued for a short period, keeping vehicle speed and engine speed low.

Automatic transmission

The automatic transmission permits automatic gearshifting (automatic mode) or manual gearshifting (manual mode).

Manual shifting is possible in manual mode by pressing † or ‡ on the selector lever 146.

Transmission display

The mode or selected gear is shown in the transmission display.

Caution

If the cleaning process is interrupted, there is a risk of provoking severe engine damage.

Cleaning takes place quickest at high engine speeds and loads.

Control indicator ✠ extinguishes as soon as the self-cleaning operation is complete.

Catalytic converter

Automatic transmission

Transmission display
In automatic mode, the driving programme is indicated by D in the Driver Information Centre.
In manual mode, M and the number of the selected gear is indicated.
R indicates reverse gear.
N indicates neutral position.
P indicates park position.

**Selector lever**

P : park position, wheels are locked, engage only when the vehicle is stationary and the parking brake is applied
R : reverse gear, engage only when the vehicle is stationary
N : neutral
D : automatic shift mode
M : manual shift mode
+ : push to upshift in manual mode
− : push to downshift in manual mode

The selector lever is locked in P and can only be moved when the ignition is on and the brake pedal is applied.

Without brake pedal applied, control indicator ℹ️ illuminates.
If the selector lever is not in P when the ignition is switched off, control indicator ℹ️ flashes.
To engage P, R or M, press the release button.
The engine can only be started with the lever in position P or N. When position N is selected, press the brake pedal or apply the parking brake before starting.
Do not accelerate while engaging a gear. Never depress the accelerator pedal and brake pedal at the same time.
When a gear is engaged, the vehicle slowly begins to creep when the brake is released.

**Engine braking**

To utilise the engine braking effect, select a lower gear in good time when driving downhill, see manual mode.
Driving and operating

Rocking the vehicle
Rocking the vehicle is only permissible if the vehicle is stuck in sand, mud or snow. Move the selector lever between D and R in a repeat pattern. Do not race the engine and avoid sudden acceleration.

Parking
Apply the parking brake and engage P.
The ignition key can only be removed when the selector lever is in position P.

Manual mode
Move selector lever to position M.
Press + on the selector lever to shift to a higher gear.
Press – on the selector lever to shift to a lower gear.
If a higher gear is selected when vehicle speed is too low, or a lower gear when vehicle speed is too high, the shift is not executed. This can cause a message in the Driver Information Centre.
In manual mode, no automatic shifting to a higher gear takes place at high engine revolutions.

Electronic driving programmes

- Following a cold start, the operating temperature programme increases engine speed to quickly bring the catalytic converter to the required temperature.
- The automatic neutral shift function automatically shifts to idling when the vehicle is stopped with a forward gear engaged and the brake pedal is pressed.
- Special programmes automatically adapt the shifting points when driving up inclines or down hills.
- When starting off in snowy or icy conditions or on other slippery surfaces, the electronic transmission control selects a higher gear automatically.

Kickdown
If the accelerator pedal is pressed down completely in automatic mode, the transmission shifts to a lower gear depending on engine speed.
Fault
In the event of a fault, control indicator \( \Rightarrow \) illuminates. Additionally, a message is displayed in the Driver Information Centre. Vehicle messages \( \Diamond \) 104.
The transmission no longer shifts automatically. Continued travel is possible with manual shifting.
Only the highest gear is available. Depending on the fault, 2nd gear may also be available in manual mode.
Shift only when the vehicle is at a standstill.
Have the cause of the fault remedied by a workshop.

Interruption of power supply
In the event of an interruption of power supply, the selector lever cannot be moved out of the P position. The ignition key cannot be removed from the ignition switch.
If the vehicle battery is discharged, start the vehicle using jump leads \( \Diamond \) 229.

If the vehicle battery is not the cause of the fault, release the selector lever.
1. Apply the parking brake.

2. Release the selector lever trim from the centre console; Poke with a finger into the leather socket in front of the selector lever and push the trim upwards at the front rim from below, as shown in the illustration. Rotate trim to the left.

3. Push down the release lever and move the selector lever out of P or N. If these positions are engaged again, the selector lever will be locked in position again. Have the cause of the power supply interruption remedied by a workshop.

4. Mount the selector lever trim onto the centre console and refit.
Manual transmission

To engage reverse, depress the clutch pedal and then press the release button on the selector lever and engage the gear.

If the gear does not engage, set the lever to neutral, release the clutch pedal and depress again; then repeat gear selection.

Do not slip the clutch unnecessarily.

When operating, depress the clutch pedal completely. Do not use the pedal as a foot rest.

Caution

It is not advisable to drive with the hand resting on the selector lever.

Gear shift indication 93.
Stop-start system 139.

Manual transmission automated

The automated manual transmission permits manual gearshifting (manual mode) or automatic gearshifting (automatic mode), both with automatic clutch control.

Manual shifting is possible by tapping the selector lever in manual mode.

Note

When unlocking or opening a vehicle door, a sound may be audible caused by the hydraulic system.
Transmission display

Transmission automatically shifts to \textbf{N} upon starting. There may be a slight delay.
Starting is not possible if all brake lights fail.

\textbf{Stop-start-system}

\textbf{Autostop}
If the vehicle is at a standstill and brake pedal is operated, Autostop is activated automatically.
The engine will be switched off while the ignition stays on.

An Autostop is indicated by control indicator \(\text{\(\bigcirc\)}\).

\textbf{Autostart}
Release the brake pedal or move selector lever out of \textbf{D} to restart the engine.

Starting the engine
To start the engine, depress the brake pedal, if transmission is not in position \textbf{N}.

When the engine is restarted, control indicator \(\text{\(\bigcirc\)}\) extinguishes in the Driver Information Centre.
The stop-start system will be disabled on inclines of 15\% or more.

Stop-start-system \(\bigcirc\) 139.

Selector lever

Always move the selector lever in the appropriate direction as far as it will go. Upon release, it automatically returns to the centre position.
Driving and operating

N : neutral position
D/M : switch between automatic (D) and manual (M) shift mode. The transmission display shows either D or M with the selected gear
+ : upshifting in manual mode
− : downshifting in manual mode
R : reverse gear. Engage only when vehicle is stationary

If selector lever is moved from R to the left, D is directly engaged.
If selector lever is moved from D to + or −, manual mode M is selected and the transmission shifts.

Starting off
Depress the brake pedal and move the selector lever to D/M or R. If D is selected, transmission is in automatic mode and first gear is engaged. If R is selected, reverse gear is engaged.
The vehicle starts to move when the brake pedal is released.
To start-off without depressing the brake pedal, accelerate immediately after engaging a gear as long as D or R flashes.

If neither the accelerator nor the brake pedal are depressed, no gear is engaged and D or R flashes for a brief time in the display.

Stopping the vehicle
In D, first gear is engaged and the clutch is released when the vehicle is stopped. In R, reverse gear remains engaged.

Engine braking
Automatic mode
When driving downhill, the manual transmission automated does not shift into higher gears until a fairly high engine speed has been reached. It shifts down in good time when braking.
Manual mode
To utilise the engine braking effect, select a lower gear in good time when driving downhill. Changing into manual mode is only possible while the engine is running or during an Autostop.

Rocking the vehicle
Rocking the vehicle is only permissible if the vehicle is stuck in sand, mud or snow. Move the selector lever between R and D in a repeat pattern. Do not race the engine and avoid sudden acceleration.

Parking
The most recently engaged gear (see transmission display) remains engaged when switching off ignition. With N, no gear is engaged. Therefore always apply the parking brake when switching off ignition. If parking brake is not applied, P flashes in the transmission display and the key cannot be removed from the ignition switch. P stops flashing in the transmission display as soon as the parking brake is slightly applied.
When the ignition is switched off, the transmission no longer responds to movement of the selector lever.

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The most recently engaged gear (see transmission display) remains engaged when switching off ignition. With N, no gear is engaged. Therefore always apply the parking brake when switching off ignition. If parking brake is not applied, P flashes in the transmission display and the key cannot be removed from the ignition switch. P stops flashing in the transmission display as soon as the parking brake is slightly applied.
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The most recently engaged gear (see transmission display) remains engaged when switching off ignition. With N, no gear is engaged. Therefore always apply the parking brake when switching off ignition. If parking brake is not applied, P flashes in the transmission display and the key cannot be removed from the ignition switch. P stops flashing in the transmission display as soon as the parking brake is slightly applied.
When the ignition is switched off, the transmission no longer responds to movement of the selector lever.
Tyre pressure monitoring system

To start the sensor matching process of the tyre pressure monitoring system, the selector lever must be moved and held in position N for five seconds. P illuminates in the transmission display to indicate that the sensor matching process can be started.

Tyre pressure monitoring system  214.

Manual mode

If a higher gear is selected when the engine speed is too low, or a lower gear when the speed is too high, the shift is not executed. This prevents the engine from running at too low or too high an engine speed. A warning message is displayed in the Driver Information Centre. Vehicle messages  104.

If engine speed is too low, the transmission automatically shifts to a lower gear.

If engine speed is too high, the transmission only switches to a higher gear via kickdown.

When + or - is selected in automatic mode, the transmission switches to manual mode and shifts accordingly.

Gear shift indication

The symbol ▲ with a number alongside it, is indicated when gearshifting is recommended for fuel saving reasons.

Shift indication appears only in manual mode.

Electronic driving programmes

• Following a cold start, the operating temperature programme increases engine speed to quickly bring the catalytic converter to the required temperature.

• The adaptive programme tailors gearshifting to the driving conditions, e.g. greater load or gradients.

Kickdown

If the accelerator pedal is pressed down completely in automatic mode, the transmission shifts to a lower gear depending on engine speed.

Fault

To prevent damage to the manual transmission automated, the clutch is engaged automatically at high clutch temperatures.

In the event of a fault, control indicator g illuminates. Additionally, a warning message is displayed in the Driver Information Centre. Vehicle messages  104.

Continued driving is restricted or not possible, depending on the fault. Have the cause of the fault remedied by a workshop.
Brakes

The brake system comprises two independent brake circuits.

If a brake circuit fails, the vehicle can still be braked using the other brake circuit. However, braking effect is achieved only when the brake pedal is depressed firmly. Considerably more force is needed for this. The braking distance is extended. Seek the assistance of a workshop before continuing the journey.

When the engine is not running, the support of the brake servo unit disappears once the brake pedal has been depressed once or twice. Braking effect is not reduced, but braking requires significantly greater force. It is especially important to bear this in mind when being towed.

Control indicator (①) 93.

Antilock brake system

Antilock brake system (ABS) prevents the wheels from locking.

ABS starts to regulate brake pressure as soon as a wheel shows a tendency to lock. The vehicle remains steerable, even during hard braking.

ABS control is made apparent through a pulse in the brake pedal and the noise of the regulation process.

For optimum braking, keep the brake pedal fully depressed throughout the braking process, despite the fact that the pedal is pulsating. Do not reduce the pressure on the pedal.

After starting-off the system performs a self-test which may be audible.

Control indicator (②) 93.

Adaptive brake light

During full braking, all three brake lights flash for the duration of ABS control.

Fault

⚠️ Warning

If there is a fault in the ABS, the wheels may be liable to lock due to braking that is heavier than normal. The advantages of ABS are no longer available. During hard braking, the vehicle can no longer be steered and may swerve.

Have the cause of the fault remedied by a workshop.
Driving and operating

Parking brake

Manual parking brake

⚠️ Warning
Always apply parking brake firmly without operating the release button, and apply as firmly as possible on a downhill or uphill slope.
To release the parking brake, pull the lever up slightly, press the release button and fully lower the lever.

To reduce the operating forces of the parking brake, depress the brake pedal at the same time.

Control indicator ⚠️ 93.

Brake assist
If the brake pedal is depressed quickly and forcefully, maximum brake force is automatically applied (full braking).
Maintain steady pressure on the brake pedal for as long as full braking is required. Maximum brake force is automatically reduced when the brake pedal is released.

Hill start assist
The system helps prevent unintended movement when driving away on inclines.
When releasing the brake pedal after stopping on an incline, the brakes remain on for a further two seconds. The brakes release automatically as soon as the vehicle begins to accelerate or the two seconds holding time is over.
The hill start assist is not active during an Autostop.
Ride control systems

Traction Control system

The Traction Control system (TC) is a component of the Electronic Stability Control (ESC).

TC improves driving stability when necessary, regardless of the type of road surface or tyre grip, by preventing the drive wheels from spinning.

As soon as the drive wheels starts to spin, engine output is reduced and the wheel spinning the most is braked individually. This considerably improves the driving stability of the vehicle on slippery road surfaces.

TC is operational after each engine start as soon as the control indicator \( \checkmark \) extinguishes.

When TC operates \( \checkmark \) flashes.

Warning

Do not let this special safety feature tempt you into taking risks when driving.
Adapt speed to the road conditions.

Deactivation

TC can be switched off when spinning of drive wheels is required: press \( \checkmark \) briefly.
A status message appears in the Driver Information Centre when TC is deactivated.

Control indicator \( \checkmark \) illuminates. When TC is deactivated, ESC remains active but with higher control threshold.

TC is reactivated by pressing \( \checkmark \) again. A status message pops-up in the Driver Information Centre when TC is reactivated.

TC is also reactivated the next time the ignition is switched on.

Fault

If there is a fault in the system the control indicator \( \checkmark \) illuminates continuously and a message or a warning code appears in the Driver Information Centre. The system is not operational.

Have the cause of the fault remedied by a workshop.
Electronic Stability Control

Electronic Stability Control (ESC) improves driving stability when necessary, regardless of the type of road surface or tyre grip.

As soon as the vehicle starts to swerve (understeer/oversteer), engine output is reduced and the wheels are braked individually.

ESC operates in combination with the Traction Control system (TC). It prevents the drive wheels from spinning.

ESC is operational after each engine start as soon as the control indicator \( \mathcal{E} \) extinguishes.

When ESC operates \( \mathcal{E} \) flashes.

\( \mathcal{E} \) Warning

Do not let this special safety feature tempt you into taking risks when driving.
Adapt speed to the road conditions.

Control indicator \( \mathcal{E} \) 94.

Deactivation

ESC and TC can be deactivated:

- press and hold \( \mathcal{E} \) for a minimum of five seconds: ESC and TC are both deactivated. \( \mathcal{E} \) and \( \mathcal{V} \) illuminate and status messages appear in the Driver Information Centre.

- To deactivate only Traction control system, press \( \mathcal{E} \) briefly: TC is inactive but ESC remains active with higher control threshold, \( \mathcal{V} \) illuminates. A status message appears in the Driver Information Centre when TC is deactivated.

ESC is reactivated by pressing the \( \mathcal{E} \) button again. If the TC system was previously disabled, both TC and ESC are reactivated. \( \mathcal{E} \) and \( \mathcal{V} \) extinguish when TC and ESC are reactivated.

ESC is also reactivated the next time the ignition is switched on.
Fault

If there is a fault in the system, the control indicator \( \mathcal{R} \) illuminates continuously and a message or a warning code appears in the Driver Information Centre. The system is not operational.

Have the cause of the fault remedied by a workshop.

City mode

City mode is a feature which enables increased steering assistance during lower speed conditions, e.g. city traffic or parking. Steering assistance is increased for greater convenience.

Activation

Press \( \mathcal{R} \) when engine is running. The system works from standstill up to 35 km/h, and also in reverse gear. Above this speed, the system changes to normal mode. When activated, City mode engages automatically below 35 km/h.

An illuminated LED in the City mode button indicates that the system is active and a message pops-up in the Driver Information Centre.

City mode remains active during an Autostop, but is only operational when the engine is running.

Stop-start system \( \Diamond \) 139.

Deactivation

Press \( \mathcal{R} \); LED in the button extinguishes and a message pops-up in the Driver Information Centre.

Each time the engine is started, City mode is deactivated.

Fault

In the event of a fault in the system, control indicator \( \mathcal{R} \) illuminates and a message is displayed in the Driver Information Centre.

Vehicle messages \( \Diamond \) 104.

System calibration

If control indicators \( \mathcal{R} \) and \( \mathcal{I} \) illuminate simultaneously, a calibration of the power steering system is necessary. This can occur e.g. when turning the steering wheel for one rotation with ignition switched
Driving and operating

Driving and operating

off. In this case, switch on ignition and turn steering wheel once from lock to lock.

If control indicators ☢ and ⚠ do not extinguish after calibration, seek the assistance of a workshop.

Driver assistance systems

⚠ Warning

Driver assistance systems are developed to support the driver and not to replace the driver’s attention.

The driver accepts full responsibility when driving the vehicle.

When using driver assistance systems, always take care regarding the current traffic situation.

Cruise control

The cruise control can store and maintain speeds of approx. 30 to 200 km/h. Deviations from the stored speeds may occur when driving uphill or downhill.

For safety reasons, the cruise control cannot be activated until the brake pedal has been operated once. Activating in first gear is not possible.

Do not use the cruise control if it is not advisable to maintain a constant speed.

Vehicles with automatic transmission or manual transmission automated

Only activate cruise control in automatic mode.

Control indicator ⚢ ⚤ 96.

Switching on
Press \( \text{\ding{202}} \); control indicator \( \text{\ding{202}} \) in instrument cluster illuminates white.

**Activation**

Accelerate to the desired speed and turn thumb wheel to SET/-, the current speed is stored and maintained. Control indicator \( \text{\ding{202}} \) in instrument cluster illuminates green. Accelerator pedal can be released. Vehicle speed can be increased by depressing the accelerator pedal. When the accelerator pedal is released, the previously stored speed is resumed.

Cruise control remains activated while gearshifting.

**Increase speed**

With cruise control active, hold thumb wheel turned to RES/+ or briefly turn to RES/+ repeatedly: speed increases continuously or in small increments.

Alternatively accelerate to the desired speed and store by turning to SET/-.

**Reduce speed**

With cruise control active, hold thumb wheel turned to SET/- or briefly turn to SET/- repeatedly: speed decreases continuously or in small increments.

**Deactivation**

Press \( \text{\ding{202}} \); control indicator \( \text{\ding{202}} \) in instrument cluster illuminates white. Cruise control is deactivated. Last stored speed remains in memory for later speed resume.

**Automatic deactivation:**
- Vehicle speed is below approx. 30 km/h.
- Vehicle speed above approx. 200 km/h.
- The brake pedal is depressed.
- The clutch pedal is depressed for a few seconds.
- The selector lever is in N.
- Engine speed is in a very low range.
- The Traction Control system or Electronic Stability Control is operating.

**Resume stored speed**

Turn thumb wheel to RES/+ at a speed above 30 km/h. The stored speed will be obtained.

**Switching off**

Press \( \text{\ding{202}} \), control indicator \( \text{\ding{202}} \) in instrument cluster extinguishes. The stored speed is deleted.
Pressing \( \text{ } \) to activate the speed limiter or switching off the ignition also switches off cruise control and deletes the stored speed.

**Speed limiter**

The speed limiter prevents the vehicle exceeding a preset maximum speed.

The maximum speed can be set at a speed above 25 km/h.

The driver can only accelerate up to the preset speed. Deviations from the limited speed may occur when driving downhill.

The preset speed limit is displayed in the Driver Information Centre when the system is active.

### Activation

Press \( \text{ } \). If cruise control has been activated before, it is switched off when speed limiter is activated and control indicator \( \text{ } \) extinguishes.

### Set speed limit

With speed limiter active, hold thumb wheel turned to RES/+ or briefly turn to RES/+ repeatedly until the desired maximum speed is displayed in the Driver Information Centre.

Alternatively, accelerate to the desired speed and briefly turn thumb wheel to SET/-: the current speed is stored as maximum speed. Speed limit is displayed in the Driver Information Centre.

### Change speed limit

With speed limiter active, turn thumb wheel to RES/+ to increase or SET/- to decrease the desired maximum speed.

### Exceeding the speed limit

In the event of an emergency, it is possible to exceed the speed limit by depressing the accelerator pedal firmly beyond the point of resistance.

The limited speed will flash in the Driver Information Centre and a chime sounds during this period.

Release the accelerator pedal and the speed limiter function is reactivated once a speed lower than the limit speed is obtained.
Deactivation
Press \( \text{\textcopyright} \): speed limiter is deactivated and the vehicle can be driven without speed limit.
The limited speed will be stored and is indicated in brackets in the Driver Information Centre. Additionally, a corresponding message appears.

Resume limit speed
Turn thumb wheel to RES/+. The stored speed limit will be obtained.

Switching off
Press \( \text{\textcopyright} \), the speed limit indication extinguishes in the Driver Information Centre. The stored speed is deleted.
By pressing \( \text{\textcopyright} \) to activate cruise control, speed limiter is also deactivated and the stored speed is deleted.
By switching off the ignition, speed limiter is also deactivated, but the speed limit will be stored for next speed limiter activation.

Forward collision alert
The forward collision alert can help to avoid or reduce the harm caused by front-end crashes.
Forward collision alert uses the front camera system in the windscreen to detect a vehicle directly ahead, in your path, within a distance of approx. 60 metres.

Activation
Forward collision alert operates automatically above 40 km/h, if it is not deactivated by pressing \( \text{\textcopyright} \), see below.

Selecting the alert sensitivity
The alert sensitivity can be set to near, medium or far.

A vehicle ahead is indicated by control indicator \( \text{\textcopyright} \).
If a vehicle directly ahead is approached too quickly, a warning chime and a visual alert in the windscreen is provided.
A precondition is that forward collision alert is not deactivated by pressing \( \text{\textcopyright} \).

Press \( \text{\textcopyright} \), the current setting is shown on the Driver Information Centre.
Press \( \text{\textcopyright} \) again to change the alert sensitivity.
Alerting the driver

The vehicle ahead control indicator ⚠ illuminates green in the instrument cluster when the system has detected a vehicle in the driving path. When the distance to a preceding moving vehicle becomes too small or when approaching another vehicle too rapidly and a collision is imminent, a red LED warning light is reflected flashing in the windscreen in front of the driver's view.

Simultaneously a warning chime sounds. Depress the brake pedal, if it is required by the situation.

Deactivation

The system can be deactivated. Press ⌚ repeatedly until the following message appears in the Driver Information Centre.

General information

⚠ Warning

Forward collision alert is just a warning system and does not apply the brakes. When approaching a vehicle ahead too rapidly, it may not provide you enough time to avoid a collision. The driver accepts full responsibility for the appropriate following distance based on traffic, weather and visibility conditions.
The complete attention of the driver is always required while driving. The driver must always be ready to take action and apply the brakes.

System limitations
The system is designed to warn of vehicles only, but may react also to other objects.
In the following cases, forward collision alert may not detect a vehicle ahead or sensor performance is limited:
- on winding roads
- when weather limits visibility, e.g. fog, rain, or snow
- when the sensor is blocked by snow, ice, slush, mud, dirt, or windscreen damage

Following distance indication
The following distance indication displays the distance to a preceding moving vehicle. The front camera in the windscreen is used to detect the distance of a vehicle directly ahead in the vehicle's path. It is active at speeds above 40 km/h.
When a preceding vehicle is detected ahead, the distance is indicated in seconds, displayed on a page in the Driver Information Centre. Press MENU on the turn signal lever to select Vehicle Information Menu and turn the adjuster wheel to choose following distance indication page.
If there is no vehicle ahead or the vehicle ahead is out of range, two dashes will be displayed: -.- sec.

Parking assist
Rear parking assist

⚠️ Warning
It is the driver who bears full responsibility for the parking manoeuvre.
Always check the surrounding area while reversing and using the rear parking assist system.

The rear parking assist makes parking easier by measuring the distance between the vehicle and rear obstacles. It informs and warns the driver by giving acoustic signals and display indication.
The system has four ultrasonic parking sensors in the rear bumper.

**Activation**
When reverse gear is engaged, the system is ready to operate automatically.
An illuminated LED in the parking assist button indicates that the system is ready to operate.

**Indication**
The system warns the driver with acoustic signals against potentially hazardous obstacles behind the vehicle in a distance range up to 1.5 metres. The interval between the sounds becomes shorter as the vehicle gets closer to that obstacle. When the distance is less than approx. 30 cm, the sound is continuous.
Additionally, the distance to rear obstacles is displayed by changing distance lines in the Driver Information Centre or, depending on the version, on the Colour-Info-Display.
The distance indication can be inhibited by vehicle messages with a higher priority. After approving the message by pressing SET/CLR on the turn signal lever, distance indication appears again.

**Deactivation**
The system automatically switches off when reverse gear is disengaged. Manual deactivation is also possible by pressing the parking assist button.
In both cases, the LED in the button extinguishes.

**Fault**
In the event of a fault or if the system does not work temporarily, e.g. because of high external noise level or other interference factors, the LED in the button flashes for three seconds then extinguishes.
Control indicator P▲ illuminates in the instrument cluster ◇ 94 or a message is indicated in the Driver Information Centre.

**Front-rear parking assist**

⚠️ **Warning**

The driver bears full responsibility for the parking manoeuvre.
Always check the surrounding area when driving backwards or forwards while using parking assist system.

The front-rear parking assist measures the distance between the vehicle and obstacles in front and behind the vehicle. It informs and warns the driver by giving acoustic signals and display indication.

It uses two different acoustic warning signals for the front and rear monitoring areas, each with a different tone frequency.

The system has four ultrasonic parking sensors each in the rear and front bumper.

**Activation**

When reverse gear is engaged, the system is ready to operate automatically.

An illuminated LED in the parking assist button P▲ indicates that the system is ready to operate.

The front parking assist can also be activated at a speed up to 11 km/h with a brief press of the parking assist button.

If P▲ is switched on once within an ignition cycle, the front parking assist is deactivated at a speed above 11 km/h. It will be reactivated if vehicle speed has not exceeded 25 km/h beforehand. If vehicle speed has exceeded 25 km/h beforehand, front parking assist remains deactivated when speed drops below 11 km/h.
When the system is deactivated, the LED in the button extinguishes and Park Assist Off pops-up in the Driver Information Centre.

**Indication**
The system warns the driver with acoustic signals against potentially hazardous obstacles behind the vehicle in a distance range up to 1.5 metres and in front up to 1.2 metres. Depending on which side of the vehicle is closer to an obstacle, you will hear acoustic warning signals in the vehicle on the respective side. The interval between the sounds becomes shorter as the vehicle gets closer to that obstacle. When the distance is less than approx. 30 cm, the sound is continuous.

Additionally, the distance to rear and front obstacles is displayed by changing distance lines in the Driver Information Centre 97 or, depending on the version, on the Colour-Info-Display 102.

The distance to rear and front obstacles is displayed by changing distance lines in the Driver Information Centre 97.

The distance indication can be inhibited by vehicle messages with a higher priority. After approving the message by pressing SET/CLR on the turn signal lever, distance indication appears again.

The distance to obstacles is shown on the Colour-Info-Display by coloured zones in front of or behind the vehicle 102.

**Deactivation**
The system is deactivated automatically when vehicle speed exceeds 25 km/h.

Manual deactivation is also possible by pressing the parking assist button P.

When the system is deactivated, the LED in the button extinguishes and Park Assist Off pops-up in the Driver Information Centre.
Fault
In the event of a fault or if the system does not work temporarily, e.g. because of high external noise level or other interference factors, a message pops-up in the Driver Information Centre.
Vehicle messages 104.

Advanced parking assist

⚠️ Warning
The driver bears full responsibility for accepting the parking slot suggested by the system and the parking manoeuvre.
Always check the surrounding area in all directions when using the advanced parking assist.

The advanced parking assist measures a suitable parking slot while passing, calculates the trajectory and automatically steers the vehicle into a parallel or perpendicular parking slot.

Instructions are given in the Driver Information Centre 97 or, depending on the version, on the Colour-Info-Display 102, supported by acoustic signals.
The driver must control acceleration, braking and gear shifting, while steering is done automatically.

Advanced parking assist is always combined with front-rear parking assist. Both systems use the same sensors in the front and rear bumper.
The system has six ultrasonic parking sensors each in both the rear and front bumper.

Parking assist button ⏹️ and operation logic
Advanced parking assist and front-rear parking assist both use the same button for activation and deactivation:
A brief press of ⏹️ activates or deactivates the parking assist.
A long press of ⏹️ (approx. one second) activates or deactivates the advanced parking assist, see separate description below.

Button logic operates the systems by pressing ⏹️ as follows:
● If front-rear parking assist is active, a brief press deactivates front-rear parking assist.
● If front-rear parking assist is active, a long press activates advanced parking assist.
● If advanced parking assist is active and the system is in parking slot searching mode, a brief press activates front-rear parking assist.
If advanced parking assist is active and the system is in park guiding mode, a brief press deactivates advanced parking assist.

If advanced parking assist is active, a long press deactivates advanced parking assist and front-rear parking assist.

If forward gear or neutral is selected, a brief press activates or deactivates front parking assist.

If reverse gear is selected, a brief press activates or deactivates front and rear parking assist.

**Activation of front-rear parking assist**

When reverse gear is engaged, the front and rear parking assist is ready to operate.

An illuminated LED in the parking assist button indicates that the system is ready to operate.

The front-rear parking assist can also be activated at a speed up to 11 km/h with a brief press of the parking assist button.

If is switched on once within an ignition cycle, the front parking assist is deactivated at a speed above 11 km/h. It will be reactivated if vehicle speed has not exceeded 25 km/h beforehand. If vehicle speed has exceeded 25 km/h beforehand, front parking assist remains deactivated when speed drops below 11 km/h.

When the system is deactivated, the LED in the button extinguishes and **Park Assist Off** pops-up in the Driver Information Centre.

**Indication**

The system warns the driver with acoustic signals against potentially hazardous obstacles behind the vehicle in a distance range up to 1.5 metres and in front up to 1.2 metres. Depending on which side of the vehicle is closer to an obstacle, you will hear acoustic warning signals in the vehicle on the respective side. The interval between the sounds becomes shorter as the vehicle gets closer to that obstacle. When the distance is less than approx. 30 cm, the sound is continuous.

Additionally, the distance to rear and front obstacles is displayed by changing distance lines in the Driver Information Centre or, depending on the version, on the Colour-Info-Display.
The distance to rear and front obstacles is displayed by changing distance lines in the Driver Information Centre ⦿ 97.

The distance indication can be inhibited by vehicle messages with a higher priority. After approving the message by pressing SET/CLR on the turn signal lever, distance indication appears again.

The distance to obstacles is shown on the Colour-Info-Display by coloured zones in front of or behind the vehicle ⦿ 102.

**Activation of advanced parking assist**

Advanced parking assist can only be activated when driving forwards.

When searching for a parking slot, the system is ready to operate with a long press of ⦿ P. ⦿ A.

The system recognises and memorises ten metres for parallel parking slots or six metres for perpendicular parking slots in the parking assist mode.

The system can only be activated at a speed up to 30 km/h and the system searches for a parking slot at a speed up to 30 km/h.

The maximum allowed parallel distance between the vehicle and a row of parked cars is 1.8 metres for parallel parking and 2.5 metres for perpendicular parking.
Functionality
Parking slot searching mode
Vehicles with indication in the Driver Information Centre

Select parallel or perpendicular parking slot in Driver Information Centre by pressing SET/CLR.

When a slot is detected, visual feedback in the Driver Information Centre and an acoustic signal is given.

Vehicles with indication on the Colour-Info-Display

Select parallel or perpendicular parking slot by tapping the icon 6 or 7 on the Colour-Info-Display.
When a slot is detected, a visual feedback on the Colour-Info-Display and an acoustic signal is given. If the driver does not stop the vehicle within ten metres for parallel parking slots or six metres for perpendicular parking slots after a parking slot is proposed, the system starts to search for another suitable parking slot.

**Park guiding mode**
The parking slot suggestion of the system is accepted when the vehicle is stopped by the driver within ten metres for parallel parking slots or six metres for perpendicular parking slots after the Stop message is given. The system calculates the optimal path into the parking slot.

A brief vibration in the steering wheel after engaging reverse gear indicates that the steering is controlled by the system. Then the vehicle is steered into the slot automatically by giving the driver detailed instructions for braking, accelerating and gear shifting. The driver must keep hands away from the steering wheel.

Always pay attention to the sound of the front-rear parking assist. Continuous sound indicates that the distance to an obstacle is less than approx. 30 cm.

If, for any reason, the driver must take over control of the steering, hold the steering wheel only at the outer edge. Automatic steering is cancelled in this event.

**Changing the parking side**
The system is configured to detect parking slots by default on the passenger side. To detect parking slots on the driver side, switch on turn signal indicator on the driver side for the duration of the search.

As soon as the turn signal indicator is switched off, the system searches for parking slots on the passenger side again.

**Display indication**
The instructions on the display show:
- General hints and warning messages.
- A hint when driving faster than 30 km/h during parking slot searching mode, or 8 km/h in guiding mode.
- The demand to stop the vehicle, when a parking slot is detected.
- The direction of driving during the parking manoeuvre.
- The demand to shift into reverse or first gear.
- The demand to accelerate or brake.
- For some of the instructions a progress bar is shown in the Driver Information Centre.
- The successful completion of the parking manoeuvre indicated by a pop-up symbol and a chime.
- The cancelling of a parking manoeuvre.
Display priorities
Advanced parking assist indication in the Driver Information Centre can be inhibited by vehicle messages with a higher priority. After approving the message by pressing SET/CLR on the turn signal lever, advanced parking assist instructions appear again and the parking manoeuvre can be continued.

Deactivation
The system is deactivated by:
- a long press of D
- parking manoeuvre successfully ended
- driving faster than 30 km/h during parking slot search
- driving faster than 8 km/h during parking guidance
- driver interference on steering wheel detected
- exceeding number of maximum gear changes: eight cycles when parallel parking or five cycles when perpendicular parking
- switching off the ignition

Deactivation by the driver or by the system during manoeuvring will be indicated by Parking Deactivated on the display. Additionally, an acoustic signal sounds.

Fault
A message appears when:
- There is a fault in the system.
- The driver did not successfully complete the parking manoeuvre.
- The system is not operational.
- Any of the deactivation reasons described above apply.

If an object is detected during parking instructions, Stop is indicated on the display. Removing the object will resume the parking manoeuvre. If the object is not removed, the system will be deactivated. A long press of D will activate the system and search for a new parking slot.

Basic notes on parking assist systems

⚠️ Warning
Under certain circumstances, various reflective surfaces on objects or clothing as well as external noise sources may cause the system to fail to detect obstacles.
Special attention must be paid to low obstacles which can damage the lower part of the bumper.

⚠️ Caution
Performance of the system can be reduced when sensors are covered, e.g. by ice or snow.
Performance of the parking assist system can be reduced due to heavy loading.
Special conditions apply if there are taller vehicles in the vicinity (e.g. off-road vehicles, mini vans, vans). Object identification and
correct distance indication in the upper part of these vehicles cannot be guaranteed.
Objects with a very small reflection cross-section, e.g. objects of narrow size or soft materials, may not be detected by the system.
Parking assist systems do not detect objects outside the detection range.

Note
It is possible that the sensor detects a non-existing object caused by echo disturbance from external acoustic noise or mechanical misalignments (sporadic false warnings may occur).
Make sure that the front number plate is properly mounted (not bent and no gaps to the bumper on the left or right side) and the sensors are firmly in place.
Advanced parking assist system may not respond to changes in the available parking space after initiating a parking manoeuvre. The system may recognize an entry, a gateway, a courtyard or even a crossing as a parking slot. After selecting reverse gear the system will start a parking manoeuvre. Take care regarding the availability of the suggested parking slot.
Surface irregularities, e.g. on construction zones, are not detected by the system. The driver accepts responsibility.

Note
If engaging a forward gear and exceeding a certain speed, the rear parking assist will be deactivated when the rear carrier system is extended.
If engaging reverse at first, the parking assist will detect the rear carrier system and provide a buzzing sound. Press P or D briefly to deactivate the parking assist.

Side blind spot alert
The Side blind spot alert system detects and reports objects on either side of the vehicle, within a specified "blind spot" zone. The system alerts visually in each exterior mirror, when detecting objects that may not be visible in the interior and exterior mirrors.
Side blind spot alert uses some of the advanced parking assist sensors which are located in the front and rear bumper on both sides of the vehicle.

⚠️ Warning
Side blind spot alert does not replace driver vision.
The system does not detect:
- vehicles outside the side blind zones which may be rapidly approaching
- pedestrians, cyclists or animals
Before changing a lane, always check all mirrors, look over the shoulder and use the turn signal.
When the system detects a vehicle in the side blind zone while driving forward, either while passing a vehicle or being passed, a yellow warning symbol \[\text{\textsuperscript{a}}\] will illuminate in the relevant exterior mirror. If the driver then activates the turn signal, the warning symbol \[\text{\textsuperscript{a}}\] starts flashing yellow as a warning not to change lanes.

Side blind spot alert is active from speeds of 10 km/h up to 140 km/h. Driving faster than 140 km/h deactivates the system, indicated by low lighting warning symbols \[\text{\textsuperscript{a}}\] in both exterior mirrors. Reducing the speed again will extinguish the warning symbols. If a vehicle is then detected in the blind zone, the warning symbols \[\text{\textsuperscript{a}}\] will illuminate as normal on the relevant side.

When the vehicle is started, both exterior mirror displays will briefly come on to indicate that the system is operating. The system can be activated or deactivated in the Info-Display, vehicle personalisation \(\Rightarrow 107\).

Deactivation is indicated by a message in the Driver Information Centre.

**Detection zones**

The detection zones start at the rear bumper and extend approx. three metres rearwards and to the sides. The height of the zone is approx. between 0.5 metres and two metres off the ground.

Side blind spot alert is designed to ignore stationary objects, e.g. guardrails, posts, curbs, walls and beams. Parked vehicles or oncoming vehicles are not detected.

**Fault**

Occasional missed alerts can occur under normal circumstances and will increase in wet conditions.

Side blind spot alert does not operate when the left or right corners of the rear bumper are covered with mud, dirt, snow, ice, slush, or in heavy rainstorms. Cleaning instructions \(\Rightarrow 233\).

In the event of a fault in the system or if the system does not work due to temporary conditions, a message is displayed in the Driver Information Centre. Seek the assistance of a workshop.

**Rear view camera**

The rear view camera assists the driver when reversing by displaying a view of the area behind the vehicle. The view of the camera is displayed in the Colour-Info-Display.
174 Driving and operating

⚠️ Warning

The rear view camera does not replace driver vision. Note that objects that are outside the camera’s field of view and the advanced parking assist sensors, e.g. below the bumper or underneath the vehicle, are not displayed.

Do not reverse the vehicle by only looking at the Info-Display and check the surrounding area behind and around the vehicle before reversing.

Activation

Rear view camera is automatically activated when reverse gear is engaged.

Functionality

The camera is mounted between the number plate lights and has a viewing angle of 130°.

The area displayed by the camera is limited. The distance of the image that appears on the display differs from the actual distance.

Warning symbols

Warning symbols are indicated as triangles ⬤ on the picture, which show obstacles detected by the rear sensors of the advanced parking assist.

Display settings

Brightness and contrast can be set by tapping the touch screen display when rear view camera is active.

Deactivation

The camera is deactivated when a certain forward speed is exceeded or if reverse gear is not engaged for approx. ten seconds.

Activation or deactivation of the visual guiding lines and the alerting symbols can be changed in the Settings menu in the Info-Display. Vehicle personalisation ⚙ 107.
Fault

Fault messages are displayed with a Δ on the top line of the Info-Display.

The rear view camera may not operate properly when:
- The surrounding is dark.
- The sun or the beam of headlights is shining directly into the camera lens.
- Ice, snow, mud, or anything else covers the camera lens. Clean the lens, rinse it with water, and wipe it with a soft cloth.
- The vehicle had a rear end accident.
- There are extreme temperature changes.

Traffic sign assistant

Functionality

The traffic sign assistant system detects designated traffic signs via a front camera and displays them in the Driver Information Centre.

Traffic signs, which will be detected, are:
- Limit and no passing signs
  - speed limit
  - no passing
  - end of speed limit
  - end of no passing
- Road signs
  Beginning and end of:
  - motorways
  - A-roads
  - play streets
- Add-on signs
  - additional hints to traffic signs
  - restriction of trailer towing
  - tractor constraints
  - wet warning
  - ice warning
  - direction arrows

Speed limit signs and no passing signs are displayed in the Driver Information Centre until the next speed limit sign or end of speed limit is detected or up to a defined sign timeout.

Indication of multiple signs on the display is possible.
Driving and operating

An exclamation mark in a frame indicates that there is an additional sign detected which cannot be recognised by the system.

The system is active up to a speed of 200 km/h depending on the lighting conditions.

As soon as vehicle speed becomes slower than 55 km/h, the display will be reset and the content of the traffic sign page will be cleared, e.g. when entering a city zone. The next recognized speed indication will be displayed.

Traffic signs are displayed on the page Traffic sign detection in the Driver Information Centre. Choose Vehicle Information Menu via MENU and select Traffic sign detection with the adjuster wheel on the turn signal lever 97.

When another page on the Driver Information Centre menu was selected then Traffic sign detection page is reselected, the last recognised traffic sign will be displayed.

Once activated, speed limit and no passing signs are displayed as pop-up alerts in the Driver Information Centre.
The alert function can be activated or deactivated in the setting menu of the traffic sign assistant page by pressing SET/CLR on the turn signal lever.

Once setting page is displayed, select **Alerts ON** to activate pop-up alert. Deactivate by selecting **Alerts OFF**. When switching on the ignition, alert function is deactivated.

Pop-up alert is displayed for approx. eight seconds in the Driver Information Centre.

**System reset**

The content of the traffic sign memory can be cleared in the setting menu of the traffic sign assistant page by selecting **Reset Scores** and confirm by pressing SET/CLR on the turn signal lever. Upon successful reset, a chime will sound and the following symbol is indicated until the next traffic sign is detected.

In some cases, traffic sign assistant is cleared up automatically by the system.

**Fault**

The traffic sign assistant system may not operate correctly when:

- The area of the windscreen, where the front camera is located, is not clean.
- Traffic signs are completely or partially covered or difficult to discern.
- There are adverse environmental conditions, e.g. heavy rain, snow, direct sunlight or shadows. In this event, **No Traffic Sign Detection due to Weather** is indicated on the display.
- Traffic signs are incorrectly mounted or damaged.
- Traffic signs do not comply with the Vienna Convention on traffic signs (Wiener Übereinkommen über Straßenverkehrszeichen).

**Caution**

The system is intended to help the driver within a defined speed range to discern certain traffic
Driving and operating

Lane departure warning

The lane departure warning system observes the lane markings between which the vehicle is driving via a front camera. The system detects lane changes and warns the driver in the event of an unintended lane change via visual and acoustic signals.

Criteria for the detection of an unintended lane change are:
- No operation of turn signals.
- No brake pedal operation.
- No active accelerator operation or speeding-up.
- No active steering.

If the driver is performing these actions, no warning will be issued.

Activation

The lane departure warning system is activated by pressing \( \text{[button]} \). The illuminated LED in the button indicates that the system is switched on. When control indicator \( \text{[control]} \) in the instrument cluster illuminates green, the system is ready to operate.

The system is only operable at vehicle speeds above 56 km/h and if lane markings are available.

When the system recognises an unintended lane change, control indicator \( \text{[control]} \) changes to yellow and flashes. Simultaneously a chime sound is activated.

Deactivation

The system is deactivated by pressing \( \text{[button]} \), LED in the button extinguishes.

At speeds below 56 km/h the system is inoperable.

Do not ignore traffic signs which are not displayed by the system.

The system does not discern any other than the conventional traffic signs that might give or end a speed limit.

Do not let this special feature tempt you into taking risks when driving.

Always adapt speed to the road conditions.

The driver assistance systems do not relieve the driver from full responsibility for vehicle operation.
Fault
The lane departure warning system may not operate properly when:
- The windscreen is not clean.
- There are adverse environmental conditions e.g. heavy rain, snow, direct sunlight or shadows.
The system can not operate when no lane marking is detected.

Fuel

Fuel for petrol engines
Only use unleaded fuel that complies with European standard EN 228 or E DIN 51626-1 or equivalent.
The engine is capable of running with fuel that contains up to 10% ethanol (e.g. named E10).
Use fuel with the recommended octane rating 245.

Caution
Do not use fuel or fuel additives that contain metallic compounds such as manganese-based additives. This may cause engine damage.

Caution
Use of fuel that does not comply to EN 228 or E DIN 51626-1 or equivalent can lead to deposits or engine damage.

Fuel for diesel engines
Only use diesel fuel that complies with EN 590.
In countries outside the European Union use Euro-Diesel fuel with a sulphur concentration below 50 ppm.

Caution
Use of fuel that does not comply to EN 590 or similar can lead to engine powerloss, increased wear or engine damage.

Caution
Do not use marine diesel oils, heating oils, Aquazole and similar diesel-water emulsions. Diesel fuels must not be diluted with fuels for petrol engines.
Driving and operating

Fuel for liquid gas operation

Liquid gas is known as LPG (Liquefied Petroleum Gas) or under its French name GPL (Gaz de Pétrole Liquéfié). LPG is also known as Autogas.

LPG consists mainly of propane and butane. The octane rating is between 105 and 115, depending on the butane proportion. LPG is stored liquid at around five to ten bar pressure.

The boiling point depends on the pressure and mixing ratio. At ambient pressure, it is between -42 °C (pure propane) and -0.5 °C (pure butane).

Caution

The system works at an ambient temperature of approx. -8 °C to 100 °C.

Full function of the LPG system can only be guaranteed with liquid gas which complies with the minimum requirements of DIN EN 589.

Fuel selector

Pressing LPG switches between petrol and liquid gas operation as soon as the required parameters (coolant temperature, gas temperature and minimum engine speed) have been reached. The requirements are usually fulfilled after approx. 60 seconds (depending on exterior temperature) and the first firm press on the accelerator. The LED status shows the current operating mode.

| LED off | petrol operation |
| LED flashes | checking conditions for fuel transition to liquid gas operation. Illuminates if conditions are fulfilled. |
| LED illuminates | liquid gas operation |
| LED flashes five times and extinguishes | liquid gas tank is empty or failure in liquid gas system. A message is displayed in the Driver Information Centre. |

If the fuel tank is empty, the engine will not start.

The selected fuel mode is stored and reactivated at the next ignition cycle if conditions allow.

As soon as the liquid gas tanks are empty, petrol operation is automatically engaged until the ignition is switched off.

Every six months, run the petrol tank down until control indicator illuminates, then refuel. This helps maintain fuel quality and system function for petrol operation.
Fill the tank completely at regular intervals to prevent corrosion in the tank.

**Faults and remedies**
If gas mode is not possible, check the following:

- Is there enough liquid gas present?
- Is there enough petrol present for starting?

Due to extreme temperatures in combination with the gas composition, it may take slightly longer before the system switches from petrol to gas mode.

In extreme situations, the system may also switch back to petrol mode if the minimum requirements are not fulfilled. If conditions allow, it might be possible to manually switch back to liquid gas operation.

Seek the assistance of a workshop in the event of all other faults.

### Caution

Repairs and adjustments may only be made by trained specialists in order to maintain the safety and warranty on the LPG system.

Liquid gas is given a particular odour (odorised) so that any leaks can be detected easily.

### Warning

If you smell gas in the vehicle or in the immediate vicinity, switch to petrol mode immediately. No smoking. No naked flames or ignition sources.

If the gas odour persists, do not start the engine. Have the cause of the fault remedied by a workshop.

When using underground car parks, follow the instructions of the operator and local laws.

### Note

In the event of an accident, switch off the ignition and lights.

### Danger

Before refuelling, switch off ignition and any external heaters with combustion chambers.

Follow the operating and safety instructions of the filling station when refuelling.
Driving and operating

<table>
<thead>
<tr>
<th>△ Danger</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel is flammable and explosive. No smoking. No naked flames or sparks. If you can smell fuel in your vehicle, have the cause of this remedied immediately by a workshop.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>In case of misfuelling, do not switch on ignition. Fuel filler flap is located at right rear side of the vehicle.</td>
</tr>
</tbody>
</table>

The fuel filler flap can only be opened if the vehicle is unlocked. Release the fuel filler flap by pushing the flap. To open, turn the cap slowly anticlockwise.

The fuel filler cap can be retained in the bracket on the fuel filler flap. For refuelling, fully insert the pump nozzle and switch it on. After automatic cut-off, it can be topped up with max. two doses of fuel.

<table>
<thead>
<tr>
<th>Caution</th>
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</thead>
<tbody>
<tr>
<td>Wipe off any overflowing fuel immediately.</td>
</tr>
</tbody>
</table>

To close, turn the fuel filler cap clockwise until it clicks. Close the flap and let engage.

Liquid gas refuelling
Follow the operating and safety instructions of the filling station when refuelling. The filling valve for the liquid gas is behind the fuel filler cap.
Unscrew protective cap from the filler neck.
Screw the required adapter hand-tight onto the filler neck.

**ACME Adapter:** Screw the nut of the filling nozzle onto the adapter. Press locking lever on filler nozzle down.

**DISH filler neck:** Place the filler nozzle into the adapter. Press locking lever on filler nozzle down.

**Bayonet filler neck:** Place filler nozzle on the adapter and turn to the left or right through one quarter turn. Pull locking lever of filler nozzle fully.

**EURO filler neck:** Press the filler nozzle onto the adapter until it engages.

Press the button of the liquid gas supply point. The filling system stops or begins to run slowly when 80% of the tank volume is reached (maximum fill level).

Release button on filling system and the filling process stops. Release the locking lever and remove the filler nozzle. A small quantity of liquid gas can escape.

Remove adapter and stow in vehicle.
Fit protective cap to prevent the penetration of foreign bodies into the filler opening and the system.

---

**⚠️ Warning**

Due to the system design, an escape of liquid gas after releasing the locking lever is unavoidable. Avoid inhaling.

**⚠️ Warning**

The liquid gas tank may only be filled to 80% for safety reasons.

The multivalve on the liquid gas tank automatically limits the fill quantity. If a larger quantity is added, we recommend not exposing the vehicle to the sun until the excess amount has been used up.

**Filling adapter**

As filling systems are not standardised, different adapters are required which are available from Opel Distributors and from Opel Authorised Repairers.
Driving and operating

ACME adapter: Belgium, Germany, Ireland, Luxembourg, Switzerland

Bayonet adapter: Netherlands, Norway, Spain, United Kingdom

EURO adapter: Spain

DISH adapter: Bosnia-Herzegovina, Bulgaria, Denmark, Estonia, France, Greece, Italy, Croatia, Latvia, Lithuania, Macedonia, Austria, Poland, Portugal, Romania, Sweden, Switzerland, Serbia, Slovakia, Slovenia, Czech Republic, Turkey, Ukraine, Hungary

Fuel filler cap

Only use genuine fuel filler caps. Diesel-engined vehicles have special fuel filler caps.

Fuel consumption - CO₂ Emissions

The fuel consumption (combined) of the model Opel Corsa is within a range of 7.5 to 3.1 l/100 km.
The CO₂ emission (combined) is within a range of 174 to 82 g/km.
For the values specific for your vehicle, refer to the EEC Certificate of Conformity provided with your vehicle or other national registration documents.
General information

The official fuel consumption and specific CO₂ emission figures quoted relate to the EU base model with standard equipment.

Fuel consumption data and CO₂ emission data are determined according to regulation R (EC) No. 715/2007 (in the latest applicable version), taking into consideration the vehicle weight in running order, as specified by the regulation.

The figures are provided only for the purpose of comparison between different vehicle variants and must not be taken as a guarantee for the actual fuel consumption of a particular vehicle. Additional equipment may result in slightly higher results than the stated consumption and CO₂ figures. Furthermore, fuel consumption is dependent on personal driving style as well as road and traffic conditions.

Trailer hitch

General information

Only use towing equipment that has been approved for your vehicle. Entrust retrofitting of towing equipment to a workshop. It may be necessary to make changes that affect the cooling system, heat shields or other equipment.

The bulb outage detection function for trailer brake light cannot detect a partial bulb outage, e.g. in case of four times five watt bulbs, the function only detects lamp outage when only a single five Watt lamp remains or none remain.

Fitting of towing equipment could cover the opening of the towing eye. If this is the case use the coupling ball bar for towing. Always keep the coupling ball bar in the vehicle when not in use.

Driving characteristics and towing tips

Before attaching a trailer, lubricate the coupling ball. However, do not do so if a stabiliser, which acts on the coupling ball, is being used to reduce snaking movements.

For trailers with low driving stability and caravan trailers with a permitted gross vehicle weight of more than 1000 kg a speed of 80 km/h must not be exceeded; the use of a stabiliser is recommended.

If the trailer starts snaking, drive more slowly, do not attempt to correct the steering and brake sharply if necessary.

When driving downhill, drive in the same gear as if driving uphill and drive at a similar speed.

Adjust tyre pressure to the value specified for full load 253.
Driving and operating

Trailer towing

Trailer loads
The permissible trailer loads are vehicle and engine-dependent maximum values which must not be exceeded. The actual trailer load is the difference between the actual gross weight of the trailer and the actual coupling socket load with the trailer coupled.

The permissible trailer loads are specified in the vehicle documents. In general, they are valid for gradients up to max. 12%.

The permitted trailer loads apply up to the specified incline and up to an altitude of 1000 metres above sea level. Since engine power decreases as altitude increases due to the air becoming thinner, therefore reducing climbing ability, the permissible gross train weight also decreases by 10% for every 1000 metres of additional altitude. The gross train weight does not have to be reduced when driving on roads with slight inclines (less than 8%, e.g. motorways).

The permissible gross train weight must not be exceeded. This weight is specified on the identification plate 241.

Vertical coupling load
The vertical coupling load is the load exerted by the trailer on the coupling ball. It can be varied by changing the weight distribution when loading the trailer.

Petrol and diesel engines
The maximum permissible vertical coupling load (55 kg) is specified on the towing equipment identification plate and in the vehicle documents. Always aim for the maximum load, especially in the case of heavy trailers. The vertical coupling load should never fall below 25 kg.

Engine B14XEL LPG
The maximum permissible vertical coupling load (45 kg) is specified on the towing equipment identification plate and in the vehicle documents. Always aim for the maximum load, especially in the case of heavy trailers. The vertical coupling load should never fall below 25 kg.

Rear axle load

Petrol and diesel engines
When the trailer is coupled and the towing vehicle fully loaded, the permissible rear axle load (see identification plate or vehicle documents) for passenger vehicles may be exceeded by 70 kg for the 5-door vehicle and 60 kg for the 3-door vehicle, the gross vehicle weight rating by 55 kg.

Engine B14XEL LPG
When the trailer is coupled and the towing vehicle fully loaded, the permissible rear axle load (see identification plate or vehicle documents) for passenger vehicles may be exceeded by 70 kg for the 5-door vehicle and 70 kg for the 3-door vehicle and the gross vehicle weight rating by 45 kg.

Delivery van
When the trailer is coupled and the towing vehicle fully loaded, the permissible rear axle load (see identification plate or vehicle documents) for passenger vehicles may be exceeded by 60 kg and the gross vehicle weight rating by 55 kg.
General
If the permitted rear axle load is exceeded a maximum speed of 100 km/h applies. If lower national maximum speeds are specified for trailer operation, they must be complied with.

Towing equipment

<table>
<thead>
<tr>
<th>Caution</th>
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<tbody>
<tr>
<td>When operating without a trailer, remove the coupling ball bar.</td>
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</tbody>
</table>

Stowage of coupling ball bar
The coupling ball bar is stowed in a bag in the spare wheel well and secured to the lashing eyes in the load compartment.

Fitting the coupling ball bar

- Disengage and fold down the socket.
- Remove the sealing plug from the opening for the coupling ball bar and stow it.

Checking the tensioning of the coupling ball bar

- The rotary knob rests on the coupling ball bar.
- Green marking on the rotary knob is not visible.
- Locking pin at the top of the coupling ball bar is set inwards.
- The key is in the lock.
Otherwise, the coupling ball bar must be tensioned before it is inserted into the coupling housing:

- Place the key in the lock and unlock the coupling ball bar.
- Push the rotary knob onto the coupling ball bar and rotate right while pressed down until it engages. The key remains in the lock.

**Inserting the coupling ball bar**

Insert the tensioned coupling ball bar in the opening and push firmly upwards until it audibly engages. The rotary knob snaps back into its original position resting against the coupling ball bar without a gap.

**Warning**

Do not touch rotary knob during insertion.

Green marking on the rotary knob is visible.
Lock coupling ball bar and remove key.
Eye for break-away stopping cable

Attach breakaway stopping cable to eye.

Check that the coupling ball bar is correctly installed
- Green marking on rotary knob is visible.
- There must be no gap between the rotary knob and the coupling ball bar.
- The coupling ball bar must be firmly engaged in the opening.
- The coupling ball bar must be locked and the key removed.

⚠️ Warning

Towing a trailer is permitted only when a coupling ball bar is fitted correctly. If the coupling ball bar does not engage correctly, seek the assistance of a workshop.

Dismounting the coupling ball bar

Insert the key in the lock and unlock the coupling ball bar.
Push the rotary knob onto the coupling ball bar and rotate right while pressed down until it engages. Pull out the ball bar downwards.

Insert sealing plug in opening for coupling ball bar. Fold away socket.

**Trailer stability assist**

If the system detects snaking movements, engine power is reduced and the vehicle/trailer combination is selectively braked until the snaking ceases. While system is working keep steering wheel as still as possible.

Trailer stability assist is a function of the Electronic Stability Control 155.
## Vehicle care

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General Information

Accessories and vehicle modifications
We recommend the use of genuine parts and accessories and factory approved parts specific for your vehicle type. We cannot assess or guarantee reliability of other products - even if they have a regulatory or otherwise granted approval.
Do not make any modifications to the electrical system, e.g. changes of electronic control units (chip tuning).

Caution
When transporting the vehicle on a train or on a recovery vehicle, the mud flaps may be damaged.

Vehicle storage

Storage for a long period of time
If the vehicle is to be stored for several months:
- Wash and wax the vehicle.
- Have the wax in the engine compartment and underbody checked.
- Clean and preserve the rubber seals.
- Fill up fuel tank completely.
- Change the engine oil.
- Drain the washer fluid reservoir.
- Check the coolant antifreeze and corrosion protection.
- Adjust tyre pressure to the value specified for full load.
- Park the vehicle in a dry, well ventilated place. Engage first or reverse gear or set selector lever to P. Prevent the vehicle from rolling.
- Do not apply the parking brake.
- Open the bonnet, close all doors and lock the vehicle.
- Disconnect the clamp from the negative terminal of the vehicle battery. Beware that all systems are not functional, e.g. anti-theft alarm system.

Putting back into operation
When the vehicle is to be put back into operation:
- Connect the clamp to the negative terminal of the vehicle battery. Activate the electronics of the power windows.
- Check tyre pressure.
- Fill up the washer fluid reservoir.
- Check the engine oil level.
- Check the coolant level.
- Fit the number plate if necessary.

End-of-life vehicle recovery
Information on end-of-life vehicle recovery centres and the recycling of end-of-life vehicles is available on our website. Only entrust this work to an authorised recycling centre.
Gas vehicles must be recycled by a service centre authorised for gas vehicles.

**Vehicle checks**

**Performing work**

**Warning**

Only perform engine compartment checks when the ignition is off. The cooling fan may start operating even if the ignition is off.

**Danger**

The ignition system and Xenon headlights use extremely high voltage. Do not touch.

**Bonnet**

**Opening**

Pull the release lever and return it to its original position.
Push the safety catch upwards and open the bonnet.

Secure the bonnet support.

If the bonnet is opened during an Autostop, the engine will be restarted automatically for safety reasons.

**Closing**

Before closing the bonnet, press the support into the holder.

Lower the bonnet and allow it to fall into the latch from a low height (20-25 cm). Check that the bonnet is engaged.

---

**Caution**

Do not press the bonnet into the latch, to avoid dents.

---

**Engine oil**

Check the engine oil level manually on a regular basis to prevent damage to the engine. Ensure that the correct specification of oil is used.

Recommended fluids and lubricants ⦃ 238. ⦄

The maximum engine oil consumption is 0.6 l per 1000 km.

Check with the vehicle on a level surface. The engine must be at operating temperature and switched off for at least five minutes.

Pull out the dipstick, wipe it clean, insert it to the stop on the handle, pull out and read the engine oil level.

Insert dipstick to the stop on the handle and make half a turn.

Different dipsticks are used depending on engine variant.

When the engine oil level has dropped to the MIN mark, top-up engine oil.
We recommend the use of the same grade of engine oil that was used at the last change.

The engine oil level must not exceed the MAX mark on the dipstick.

Caution
Overfilled engine oil must be drained or suctioned out.

Capacities 252, Engine oil quality/viscosity 238.
Fit the cap on straight and tighten it.

Engine coolant
The coolant provides freeze protection down to approx. -28 °C. In northern countries with very low temperatures, the factory filled coolant provides frost protection down to approx. -37 °C.

Caution
Only use approved antifreeze.

Coolant level
Caution
Too low a coolant level can cause engine damage.

Different coolant reservoirs are used depending on engine variant.
If the cooling system is cold, the coolant level should be above the filling line mark.

Top-up if the level is low.

⚠️ **Warning**

Allow the engine to cool before opening the cap. Carefully open the cap, relieving the pressure slowly.

To top-up, use a 1:1 mixture of released coolant concentrate mixed with clean tap water. If no coolant concentrate is available, use clean tap water. Install the cap tightly. Have the coolant concentration checked and have the cause of the coolant loss remedied by a workshop.

**Washer fluid**

Fill with clean water mixed with a suitable quantity of approved windscreen washer fluid which contains antifreeze.

⚠️ **Caution**

Only washer fluid with a sufficient antifreeze concentration provides protection at low temperatures or a sudden drop in temperature.
Brakes
In the event of minimum thickness of the brake lining, a squealing noise sounds during braking.
Continued driving is possible but have the brake lining replaced as soon as possible.
Once new brake linings are installed, do not brake unnecessarily hard for the first few journeys.

Brake fluid

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brake fluid is poisonous and corrosive. Avoid contact with eyes, skin, fabrics and painted surfaces.</td>
</tr>
</tbody>
</table>

The brake fluid level must be between the MIN and MAX marks.
If fluid level is below the MIN mark, seek the assistance of a workshop.
Brake and clutch fluid  238.

Vehicle battery
The vehicle battery is maintenance-free provided that the driving profile allows sufficient charging of the battery. Short-distance-driving and frequent engine starts can discharge the vehicle battery. Avoid the use of unnecessary electrical consumers.

Batteries do not belong in household waste. They must be disposed of at an appropriate recycling collection point.
Laying up the vehicle for more than four weeks can lead to vehicle battery discharge. Disconnect the clamp from the negative terminal of the vehicle battery.
Ensure the ignition is switched off before connecting or disconnecting the vehicle battery.
Battery discharge protection  124.

Replacing the vehicle battery

Note
Any deviation from the instructions given in this section may lead to temporary deactivation of the stop-start system.
When the vehicle battery is being replaced, please ensure that there are no open ventilation holes in the vicinity of the positive terminal. If a ventilation hole is open in this area, it must be closed off with a dummy cap, and the ventilation in the vicinity of the negative terminal must be opened.

Only use batteries that allow the fuse box to be mounted above the vehicle battery.

In vehicles with an AGM (Absorptive Glass Mat) battery, make sure to have the battery replaced with another AGM battery.

An AGM battery can be identified by the label on the battery. We recommend the use of an original Opel battery.

**Note**
Using an AGM vehicle battery different from the original Opel vehicle battery may result in a lower performance.

We recommend that you have the vehicle battery replaced by a workshop.

Stop-start system ⬤ 139.

**Charging the vehicle battery**

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>On vehicles with stop-start system, ensure that the charging potential does not exceed 14.6 volts when using a battery charger. Otherwise the vehicle battery might be damaged.</td>
</tr>
</tbody>
</table>

Jump starting ⬤ 229.

**Warning label**

Meaning of symbols:
- No sparks, naked flames or smoking.
- Always shield eyes. Explosive gases can cause blindness or injury.
- Keep the vehicle battery out of the reach of children.
- The vehicle battery contains sulfuric acid which could cause blindness or serious burn injuries.
Vehicle care

- See the Owner's manual for further information.
- Explosive gas may be present in the vicinity of the battery.

Diesel fuel system bleeding
If the tank has been run dry, the diesel fuel system must be bled. Switch on the ignition three times for 15 seconds at a time. Then crank the engine for a maximum of 40 seconds. Repeat this process after no less than five seconds. If the engine fails to start, seek the assistance of a workshop.

Wiper blade replacement
Lift the wiper arm until it stays in the raised position. Press the catches on both sides, tilt wiper blade at a 90° angle to the wiper arm and remove upwards.
Insert in reverse order.
Lower wiper arm carefully.

Wiper blade on the rear window
Lift wiper arm. Disengage wiper blade as shown in illustration and remove. Attach the wiper blade slightly angled to the wiper arm and push until it engages.
Lower wiper arm carefully.
Bulb replacement

Switch off the ignition and switch off the relevant switch or close the doors. Only hold a new bulb at the base! Do not touch the bulb glass with bare hands. Use only the same bulb type for replacement. Replace headlight bulbs from within the engine compartment.

Bulb check

After a bulb replacement switch on the ignition, operate and check the lights.

Halogen headlights

Halogen headlights with separate bulbs for sidelight, low beam and high beam.

Low beam

1. Rotate the cap (2) anticlockwise and remove it.

Sidelight/daytime running light (1)
Low beam (2)
High beam (3)
Front turn signal lights → 203.
2. Press the clip to disengage bulb holder. Withdraw the bulb holder from the reflector.

3. Detach the bulb from the bulb holder and replace the bulb.

4. Insert the bulb holder with the clip downwards and engage into the reflector until it clicks.

5. Install cap.

**High beam**

1. Rotate the cap (3) anticlockwise and remove it.

2. Press the clip to disengage bulb holder. Withdraw the bulb holder from the reflector.

3. Detach the bulb from the bulb holder and replace the bulb.

4. Insert the bulb holder with the clip downwards and engage into the reflector until it clicks.

5. Install cap.
**Sidelight/daytime running light with bulbs**

1. Rotate bulb socket (1) anticlockwise to disengage.

2. Press both clips together and withdraw the bulb socket from the headlamp housing.

3. Remove the bulb from the socket by pulling.

4. Replace and insert new bulb into socket.

5. Insert the bulb socket into the headlamp housing and turn clockwise.

**Sidelight/daytime running light with LEDs**

Sidelights and daytime running lights are designed as LEDs and cannot be changed. Consult a workshop in case of a defective LED.

**Xenon headlights**

- **Danger**
  - Xenon headlights work under extremely high electrical voltage. Do not touch. Have bulbs replaced by a workshop.

  Sidelight/daytime running lights are designed as LEDs and cannot be changed. Bulbs for corner lighting can be changed. Front turn signal lights  203.
Corner lighting

1. Rotate the cap (3) anticlockwise and remove it.

2. Rotate the bulb holder anticlockwise to disengage. Withdraw the bulb holder from the reflector.

3. Remove the bulb from the plug connector by disengaging and pulling.

4. Replace the bulb. Connect and engage bulb holder with the plug connector.

5. Insert the bulb holder into the reflector and rotate clockwise to secure.

6. Fit the cap and rotate clockwise.

Fog lights

The bulbs are accessible from the underside of the vehicle.

1. Turn the bulb holder anticlockwise and remove it from the reflector.
2. Disengage the bulb socket from the plug connector by pressing the retaining lug.
3. Remove and replace the bulb socket with bulb and attach the plug connector.
4. Insert the bulb socket into the reflector by turning clockwise and engage.

**Front turn signal lights**

Front turn signal lights consist of long-life bulbs which cannot be changed. Consult a workshop in case of a defective long-life bulb.

**Tail lights**

1. Release the cover in the load compartment on the respective side and remove.
2. Unscrew both plastic securing nuts from the inside by hand.
3. Carefully withdraw the light assembly from the recesses and remove.
4. Press the retaining lugs and remove the bulb carrier from the light assembly.

5. Remove and replace the bulb by pushing the bulb slightly into the socket and rotating anticlockwise:
   - Tail light/Brake light (1)
   - Turn signal light (2)

6. Insert and turn bulb clockwise into the tail light assembly. Fit light assembly with the retaining pins into the recesses of the vehicle body and tighten the plastic securing nuts from inside the load compartment.

Close cover and engage.

---

**Reversing light/rear fog light**

**Left-hand drive models**
Reversing light is located on the right light assembly in the tailgate, and the rear fog light is located on the left light assembly in the tailgate.

**Right-hand drive models**
Reversing light is located on the left light assembly in the tailgate, and the rear fog light is located on the right light assembly in the tailgate.

The description of bulb replacement is the same for both lights.

---

1. Remove screw from the tailgate.

2. Move light assembly slightly to the outside, then withdraw from the tailgate.

3. Remove the bulb holder by turning.
4. Remove the bulb by pushing slightly into the socket and rotating anticlockwise. Replace the bulb.

5. Insert the bulb socket into the assembly and turn to secure.

6. Attach light assembly into the tailgate and secure with the screw.

---

**Side turn signal lights**

To replace bulb, remove lamp housing:

1. Slide lamp to its left side and remove with its right end.

2. Turn bulb holder anticlockwise and remove from housing.

3. Pull bulb from bulb holder and replace it.
4. Insert bulb holder and turn clockwise.
5. Insert left end of the lamp, slide to the left and insert right end.

Centre high-mounted brake light
Have LEDs replaced by a workshop.

Number plate light

1. Insert screwdriver in recess of the cover, press to the side and release spring.
2. Remove lamp downwards, taking care not to pull on the cable.
3. Remove bulb holder from lamp housing by turning anticlockwise.
4. Pull bulb from bulb holder and replace it.
5. Insert bulb holder into lamp housing and turn clockwise.
6. Insert lamp into bumper and let engage.

Interior lights

Courtesy light, reading lights
Have bulbs replaced by a workshop.

Load compartment light
Have bulbs replaced by a workshop.

Dome light
Have bulbs replaced by a workshop.

Instrument panel illumination
Have bulbs replaced by a workshop.
Electrical system

Fuses
Data on the replacement fuse must match the data on the defective fuse. There are two fuse boxes in the vehicle:

- in the front left of the engine compartment
- in left-hand drive vehicles, behind the light switch, or, in right-hand drive vehicles, behind the glovebox

Before replacing a fuse, turn off the respective switch and the ignition.

There are different kinds of fuses in the vehicle.

Depending on the type of fuse, a blown fuse can be recognized by its melted wire. Do not replace the fuse until the cause of the fault has been remedied.

Some functions are protected by several fuses.

Fuses may also be inserted without existence of a function.

Fuse extractor
A fuse extractor may be located in the fuse box in the engine compartment.

Place the fuse extractor on the various types of fuse from the top, and withdraw fuse.
The fuse box is in the front left of the engine compartment. Disengage the cover and fold it upwards until it stops. Remove the cover vertically upwards.

<table>
<thead>
<tr>
<th>No.</th>
<th>Circuit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Trailer interface module, rear carrier system</td>
</tr>
<tr>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>Battery sensor</td>
</tr>
<tr>
<td>4</td>
<td>Chassis control module fuel pump</td>
</tr>
<tr>
<td>5</td>
<td>ABS</td>
</tr>
<tr>
<td>6</td>
<td>Low beam and Daytime running light left, Xenon high beam shutter left and right</td>
</tr>
<tr>
<td>7</td>
<td>–</td>
</tr>
<tr>
<td>8</td>
<td>MTA Transmission control module, LPG control module</td>
</tr>
<tr>
<td>9</td>
<td>Body control module voltage detection</td>
</tr>
<tr>
<td>10</td>
<td>Headlamp levelling</td>
</tr>
<tr>
<td>11</td>
<td>Rear wiper</td>
</tr>
<tr>
<td>12</td>
<td>Heated rear window</td>
</tr>
<tr>
<td>13</td>
<td>Low beam and Daytime running light right</td>
</tr>
<tr>
<td>No.</td>
<td>Circuit</td>
</tr>
<tr>
<td>-----</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>14</td>
<td>Heated exterior mirror</td>
</tr>
<tr>
<td>16</td>
<td>Brake booster kit</td>
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<tr>
<td>17</td>
<td>Ignition, crank power supply</td>
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<tr>
<td>18</td>
<td>Engine control module</td>
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<tr>
<td>19</td>
<td>Fuel pump</td>
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<tr>
<td>20</td>
<td></td>
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<tr>
<td>21</td>
<td>Engine solenoids, engine sensors</td>
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<tr>
<td>22</td>
<td></td>
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<tr>
<td>23</td>
<td>Injection system</td>
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<td>Washer system</td>
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<tr>
<td>26</td>
<td>Engine sensors</td>
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<td>27</td>
<td>Heater shut off valve</td>
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<td>28</td>
<td>Engine control module</td>
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<tr>
<td>29</td>
<td>Engine control module</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>No.</th>
<th>Circuit</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>Engine control module</td>
</tr>
<tr>
<td>31</td>
<td>High beam left, Xenon low beam left</td>
</tr>
<tr>
<td>32</td>
<td>High beam right, Xenon low beam right</td>
</tr>
<tr>
<td>33</td>
<td>Engine control module</td>
</tr>
<tr>
<td>34</td>
<td>Horn</td>
</tr>
<tr>
<td>35</td>
<td>Air condition compressor clutch</td>
</tr>
<tr>
<td>36</td>
<td>Front fog lights</td>
</tr>
<tr>
<td>No.</td>
<td>Circuit</td>
</tr>
<tr>
<td>-----</td>
<td>------------------------------</td>
</tr>
<tr>
<td>1</td>
<td>ABS pump</td>
</tr>
<tr>
<td>2</td>
<td>Front wiper</td>
</tr>
<tr>
<td>3</td>
<td>Blower</td>
</tr>
<tr>
<td>4</td>
<td>Instrument panel</td>
</tr>
<tr>
<td>5</td>
<td>–</td>
</tr>
<tr>
<td>6</td>
<td>Diesel fuel heater</td>
</tr>
<tr>
<td>7</td>
<td>Transmission</td>
</tr>
<tr>
<td>8</td>
<td>Cooling fan low</td>
</tr>
<tr>
<td>9</td>
<td>Cooling fan high</td>
</tr>
<tr>
<td>10</td>
<td>Cooling fan</td>
</tr>
<tr>
<td>11</td>
<td>Starter</td>
</tr>
</tbody>
</table>

After having changed defective fuses close the fuse box cover and press until it engages.
If the fuse box cover is not closed correctly, malfunction may occur.

**Instrument panel fuse box**

**Left-hand drive vehicles**

The fuse box is behind the light switch in the instrument panel. Hold the handle, then pull and fold down the light switch.

**Right-hand drive vehicles**

The fuse box is located behind a cover in the glovebox. Open the glovebox, then open the cover and fold it down.
<table>
<thead>
<tr>
<th>No.</th>
<th>Circuit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>–</td>
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<tr>
<td>2</td>
<td>–</td>
</tr>
<tr>
<td>3</td>
<td>Power windows</td>
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<tr>
<td>4</td>
<td>Voltage transformer</td>
</tr>
<tr>
<td>5</td>
<td>Body control module 1</td>
</tr>
<tr>
<td>6</td>
<td>Body control module 2</td>
</tr>
<tr>
<td>7</td>
<td>Body control module 3</td>
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<td>8</td>
<td>Body control module 4</td>
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<td>9</td>
<td>Body control module 5</td>
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<td>10</td>
<td>Body control module 6</td>
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<td>11</td>
<td>Body control module 7</td>
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<td>12</td>
<td>Body control module 8</td>
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<tr>
<td>13</td>
<td>–</td>
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<tr>
<td>14</td>
<td>Tailgate</td>
</tr>
<tr>
<td>15</td>
<td>Airbag system</td>
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<tr>
<td>16</td>
<td>Data link connection</td>
</tr>
<tr>
<td>17</td>
<td>Ignition</td>
</tr>
<tr>
<td>18</td>
<td>Air conditioning system</td>
</tr>
<tr>
<td>19</td>
<td>Sunroof</td>
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<tr>
<td>20</td>
<td>Parking assist/Rain sensor/Front camera</td>
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<tr>
<td>21</td>
<td>Brake switch</td>
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<tr>
<td>22</td>
<td>Audio system</td>
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<td>23</td>
<td>Display</td>
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<td>24</td>
<td>–</td>
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<tr>
<td>25</td>
<td>Auxiliary jack</td>
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<tr>
<td>26</td>
<td>Instrument panel</td>
</tr>
<tr>
<td>27</td>
<td>Seat heating, driver</td>
</tr>
<tr>
<td>28</td>
<td>–</td>
</tr>
<tr>
<td>29</td>
<td>–</td>
</tr>
<tr>
<td>30</td>
<td>Instrument panel/Seat heating/FlexDock</td>
</tr>
<tr>
<td>31</td>
<td>Horn</td>
</tr>
<tr>
<td>32</td>
<td>Seat heating, passenger</td>
</tr>
<tr>
<td>33</td>
<td>Heated steering wheel</td>
</tr>
<tr>
<td>34</td>
<td>–</td>
</tr>
<tr>
<td>35</td>
<td>Tyre repair kit</td>
</tr>
<tr>
<td>36</td>
<td>–</td>
</tr>
<tr>
<td>37</td>
<td>Rear wiper</td>
</tr>
<tr>
<td>38</td>
<td>Cigarette lighter</td>
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<tr>
<td>39</td>
<td>Power windows/Sunroof/Automatic transmission display</td>
</tr>
<tr>
<td>40</td>
<td>–</td>
</tr>
</tbody>
</table>
Vehicle care

Vehicle tools

Tools

Vehicles with tyre repair kit

The tools are located together with the towing eye and tyre repair kit in the load compartment below the floor cover.

On OPC or LPG version or versions with rear carrier system or double load-bay floor, the tools are located together with the towing eye and tyre repair kit on the right side of the load compartment, behind a cover.

Vehicles with spare wheel

The jack, wheel bolt wrench and some tools are located on the right side of the load compartment, behind a cover $\Theta$ 71.
Wheels and tyres

Tyre condition, wheel condition

Drive over edges slowly and at right angles if possible. Driving over sharp edges can cause tyre and wheel damage. Do not trap tyres on the kerb when parking.

Regularly check the wheels for damage. Seek the assistance of a workshop in the event of damage or unusual wear.

We recommend not swapping the front wheels with the rear wheels and vice versa, as this can affect vehicle stability. Always use less worn tyres on the rear axle.

Winter tyres

Winter tyres improve driving safety at temperatures below 7 °C and should therefore be fitted on all wheels.

All tyre sizes are permitted as winter tyres ◊ 253.

In accordance with country-specific regulations, affix the speed sticker in the driver’s field of view.

Tyre designations

E.g. 195/55 R 16 95 H

195 : tyre width, mm
55 : cross-section ratio (tyre height to tyre width), percentage
R : belt type: Radial
RF : type: RunFlat
16 : wheel diameter, inches
95 : load index e.g. 95 is equivalent to 690 kg
H : speed code letter

Speed code letter:

Q : up to 160 km/h
S : up to 180 km/h
T : up to 190 km/h
H : up to 210 km/h
V : up to 240 km/h
W : up to 270 km/h

Choose a tyre appropriate for the maximum speed of your vehicle.

The maximum speed is achievable at kerb weight with driver (75 kg) plus 125 kg payload. Optional equipment could reduce the maximum speed of the vehicle.

Performance ◊ 247.

Directional tyres

Directional tyres must be mounted so that they rotate in the correct direction. The proper rotation direction is indicated by a symbol (e.g. an arrow) on the sidewall.

Tyre pressure

Check the pressure of cold tyres at least every 14 days and before any long journey. Do not forget the spare wheel.

This also applies to vehicles with tyre pressure monitoring system.

Unscrew the valve cap.
Tyre pressure ▷ 253.
The tyre pressure information label on the right door frame indicates the original equipment tyres and the correspondent tyre pressures.
The tyre pressure data refers to cold tyres. It applies to summer and winter tyres.
The ECO tyre pressure serves to achieve the smallest amount of fuel consumption possible.
Incorrect tyre pressures will impair safety, vehicle handling, comfort and fuel economy and will increase tyre wear.
Tyre pressures differ depending on various options.
For the correct tyre pressure value, follow the procedure below:
- Identify the engine identifier code. Engine data ▷ 245.
- Identify the respective tyre.
The tyre pressure tables show all possible tyre combinations ▷ 253.

For the tyres approved for your vehicle, refer to the EEC Certificate of Conformity provided with your vehicle or other national registration documents.
The driver is responsible for correct adjustment of tyre pressure.

⚠️ Warning
If the pressure is too low, this can result in considerable tyre warm-up and internal damage, leading to tread separation and even to tyre blow-out at high speeds.

If the tyre pressure must be reduced or increased, switch off ignition. After adjusting tyre pressure switch on ignition and select the relevant setting on the page Tyre load in the Driver Information Centre ▷ 97.

Temperature dependency
The tyre pressure depends on the temperature of the tyre. During driving, tyre temperature and pressure increase. Tyre pressure values provided on the tyre information label and tyre pressure chart are valid for cold tyres, which means at 20 °C.
The pressure increases by nearly 10 kPa for a 10 °C temperature increase. This must be considered when warm tyres are checked.
The tyre pressure value displayed in the Driver Information Centre shows the real tyre pressure. A cooled down tyre will show a decreased value, which does not indicate an air leak.

Tyre pressure monitoring system
The tyre pressure monitoring system checks the pressure of all four tyres once a minute when vehicle speed exceeds a certain limit.

⚠️ Caution
Tyre pressure monitoring system warns only about low tyre pressure condition and does not replace regular tyre maintenance by the driver.
All wheels must be equipped with pressure sensors and the tyres must have the prescribed pressure.

**Note**
In countries where the tyre pressure monitoring system is legally required, the use of wheels without pressure sensors will invalidate the vehicle type approval.

The current tyre pressures can be shown in the **Vehicle Information Menu** in the Driver Information Centre.

The menu can be selected by pressing the buttons on the turn signal lever.

Press **MENU** to select the **Vehicle Information Menu**.

Turn the adjuster wheel to select the tyre pressure monitoring system.

**Baselevel display and Midlevel display:**

The tyre pressure for each tyre is displayed on its own page.

**Uplevel display:**

The tyre pressures for all tyres are displayed on one page.

System status and pressure warnings are displayed by a message indicating the corresponding tyre in the Driver Information Centre.

The system considers the tyre temperature for the warnings.

Temperature dependency \( \Phi \) 213.
A detected low tyre pressure condition is indicated by the control indicator \( \mathcal{W} \) 95.

If \( \mathcal{W} \) illuminates, stop as soon as possible and inflate the tyres as recommended \( \mathcal{W} \) 253.

If \( \mathcal{W} \) flashes for 60-90 seconds then illuminates continuously, there is a fault in the system. Consult a workshop.

After inflating, some driving may be required to update the tyre pressure values in the Driver Information Centre. During this time \( \mathcal{W} \) may illuminate.

If \( \mathcal{W} \) illuminates at lower temperatures and extinguishes after driving, this could be an indicator for approaching a low tyre pressure condition. Check tyre pressure.

Vehicle messages \( \mathcal{W} \) 104.

If the tyre pressure must be reduced or increased, switch off ignition.

Only mount wheels with pressure sensors, otherwise the tyre pressure will not be displayed and \( \mathcal{W} \) illuminates continuously.

A spare wheel or temporary spare wheel is not equipped with pressure sensors. The tyre pressure monitoring system is not operational for these tyres. Control indicator \( \mathcal{W} \) illuminates. For the further three tyres, the system remains operational.

The use of commercially-available liquid tyre repair kits can impair the function of the system. Factory-approved repair kits can be used.

Operating electronic devices or being close to facilities using similar wave frequencies could disrupt the tyre pressure monitoring system.

Each time the tyres are replaced, tyre pressure monitoring system sensors must be dismounted and serviced. For the screwed sensor; replace valve core and sealing ring. For the clipped sensor; replace complete valve stem.

Vehicle loading status

Adjust tyre pressure to load condition according to the tyre information label or tyre pressure chart \( \mathcal{W} \) 253, and select the appropriate setting in the menu \textbf{Tyre Load} in the Driver Information Centre, \textbf{Vehicle Information Menu} \( \mathcal{W} \) 97. This setting is the reference for the tyre pressure warnings.

The menu \textbf{Tyre Load} only appears if the vehicle is in a standstill and the parking brake is applied. On vehicles with automatic transmission the selector lever must be in \textbf{P}.

Baselevel display and Midlevel display:
Select

- **LO** for comfort pressure up to three people.
- **ECO** for Eco pressure up to three people.
- **Hi** for full loading.

Uplevel display:

Tyre pressure sensor matching process

Each TPMS sensor has a unique identification code. The identification code must be matched to a new wheel position after rotating the wheels or exchanging the complete wheel set and if one or more tyre pressure sensors were replaced. The tyre pressure sensor matching process should also be performed after replacing a spare wheel with a road wheel containing the tyre pressure sensor.

The malfunction light \( \square \) and the warning message or code should go off at the next ignition cycle. The sensors are matched to the wheel positions, using a relearn tool, in the following order: left side front wheel, right side front wheel, right side rear wheel and left side rear wheel. The turn signal light at the current active position is illuminated until sensor is matched.

Consult a workshop for service or purchase a relearn tool. There are two minutes to match the first wheel position, and five minutes overall to match all four wheel positions. If it takes longer, the matching process stops and must be restarted.

The tyre pressure sensor matching process is:

1. Apply the parking brake.
2. Turn the ignition on.
3. On vehicles with automatic transmission: set the selector lever to P.
   
   On vehicles with manual transmission automated: Keep brake pedal depressed. Move and hold the selector lever for five seconds in position N until P is displayed in the Driver Information Centre. P indicates that the tyre pressure sensor matching process can be started.
   
   On vehicles with manual transmission: select neutral.
4. Use MENU on the turn signal lever to select the Vehicle Information Menu 🚗 in the Driver Information Centre.
5. Turn the adjuster wheel to scroll to the tyre pressure menu.
6. Press SET/CLR to begin the sensor matching process. A message requesting acceptance of the process should be displayed.

7. Press SET/CLR again to confirm the selection. The horn sounds twice to indicate that the receiver is in relearn mode.

8. Start with the left side front wheel.

9. Place the relearn tool against the tyre sidewall, near the valve stem. Then press the button to activate the tyre pressure sensor. A horn chirp confirms that the sensor identification code has been matched to this wheel position.

10. Proceed to the right side front wheel, and repeat the procedure in Step 9.

11. Proceed to the right side rear wheel, and repeat the procedure in Step 9.

12. Proceed to the left side rear wheel, and repeat the procedure in Step 9. The horn sounds twice to indicate that the sensor identification code has been matched to the left side rear wheel, and the tyre pressure sensor matching process is no longer active.

13. Turn off the ignition.

14. Set all four tyres to the recommended air pressure level as indicated on the tyre pressure information label.

15. Ensure the tyre loading status is set according to the selected pressure.

**Tread depth**

Check tread depth at regular intervals.

Tyres should be replaced for safety reasons at a tread depth of 2-3 mm (4 mm for winter tyres).

For safety reasons it is recommended that the tread depth of the tyres on one axle should not vary by more than 2 mm.
The legally permissible minimum tread depth (1.6 mm) has been reached when the tread has worn down as far as one of the tread wear indicators (TWI). Their position is indicated by markings on the sidewall.

Tyres age, even if they are not used. We recommend tyre replacement every six years.

**Changing tyre and wheel size**

If tyres of a different size than those fitted at the factory are used, it may be necessary to reprogramme the speedometer as well as the nominal tyre pressure and to make other vehicle modifications.

After converting to a different tyre size, have the label with tyre pressures replaced.

If the wheel covers and tyres used are not factory approved, the tyres must not have a rim protection ridge. Wheel covers must not impair brake cooling.

**Caution**

When converting to wheels with 14 inch diameter, the ground clearance will be reduced. This must be considered when passing over obstacles.

**Warning**

Use of unsuitable tyres or wheel covers could lead to sudden pressure loss and thereby accidents.

**Wheel covers**

Wheel covers and tyres that are factory approved for the respective vehicle and comply with all of the relevant wheel and tyre combination requirements must be used.

**Warning**

Use of unsuitable tyres or wheel covers may lead to accidents and will invalidate the vehicle type approval.
### Tyre chains

Tyre chains are only permitted on the front wheels.
Always use fine mesh chains that add no more than 10 mm to the tyre tread and the inboard sides (including chain lock).

**Warning**

Damage may lead to tyre blowout.

Tyre chains are permitted on tyres of size 175/70 R14, 185/70 R14, 185/65 R15, 205/45 R17.

<table>
<thead>
<tr>
<th>Tyre chains are permitted on tyres of size 195/55 R16 with rims of size 16 x 6 and 16 x 6.5, the latter only in combination with limited steering angle. Seek the assistance of a workshop. Tyre chains are not permitted on tyres of size 215/45 R17 and 215/40 R18. The use of tyre chains is not permitted on the temporary spare wheel.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Tyre repair kit</th>
</tr>
</thead>
</table>

Minor damage to the tyre tread can be repaired with the tyre repair kit.
Do not remove foreign bodies from the tyres.
Tyre damage exceeding 4 mm or that is at the tyre's side wall near the rim cannot be repaired with the tyre repair kit.

**Warning**

Do not drive faster than 80 km/h.
Do not use for a lengthy period. Steering and handling may be affected.

If you have a flat tyre:
Apply the parking brake and engage first gear, reverse gear or P.
The tyre repair kit is stowed in the load compartment.
Depending on the equipment, the tyre repair kit is in a compartment in the right sidewall or in a compartment under the floor cover.

### Vehicles with tyre repair kit under the floor cover

1. Take the tyre repair kit from the compartment.
2. Remove the compressor.
3. Remove the electrical connection cable and air hose from the stowage compartments on the underside of the compressor.

4. Screw the compressor air hose to the connection on the sealant bottle.

5. Fit the sealant bottle into the retainer on the compressor. Set the compressor near the tyre in such a way that the sealant bottle is upright.

6. Unscrew valve cap from defective tyre.

7. Screw the filler hose to the tyre valve.

8. The switch on the compressor must be set to I.

9. Connect the compressor plug to the power outlet or cigarette lighter socket. To avoid discharging the battery, we recommend running the engine.

10. Set the rocker switch on the compressor to I. The tyre is filled with sealant.

11. The compressor pressure gauge briefly indicates up to six bar whilst the sealant bottle is emptying (approx. 30 seconds). Then the pressure starts to drop.

12. All of the sealant is pumped into the tyre. Then the tyre is inflated.
13. The prescribed tyre pressure should be obtained within ten minutes. Tyre pressure \( \geq 253 \). When the correct pressure is obtained, switch off the compressor.

If the prescribed tyre pressure is not obtained within ten minutes, remove the tyre repair kit. Move the vehicle one tyre rotation. Reattach the tyre repair kit and continue the filling procedure for ten minutes. If the prescribed tyre pressure is still not obtained, the tyre is too badly damaged. Seek the assistance of a workshop.

Drain excess tyre pressure with the button over the pressure indicator.

Do not run the compressor for longer than ten minutes.

14. Detach the tyre repair kit. Push catch on bracket to remove sealant bottle from bracket. Screw the tyre inflation hose to the free connection of the sealant bottle. This prevents sealant from escaping. Stow tyre repair kit in load compartment.

15. Remove any excess sealant using a cloth.

16. Take the label indicating maximum permitted speed from the sealant bottle and affix in the driver's field of view.

17. Continue driving immediately so that sealant is evenly distributed in the tyre. After driving approx. 10 km (but no more than ten minutes), stop and check tyre pressure. Screw compressor air hose directly onto tyre valve and compressor when doing this.

If tyre pressure is more than 1.3 bar, set it to the correct value. Repeat the procedure until there is no more loss of pressure.

If the tyre pressure has fallen below 1.3 bar, the vehicle must not be used. Seek the assistance of a workshop.

18. Stow away tyre repair kit in load compartment.
Vehicles with tyre repair kit in the sidewall

To open the compartment, disengage the cover and open it.

1. Take the sealant bottle and bracket with air hose from the insert.

2. Detach air hose from bracket and screw onto sealant bottle connection.

3. Position the sealant bottle on the bracket. Make sure that the bottle does not fall.

4. Unscrew valve cap from defective tyre.
5. Screw tyre inflation hose to valve.
6. Screw air hose onto compressor connection.
7. Switch on ignition.
   To avoid discharging the battery, we recommend running the engine.
8. Press on/off switch on the compressor. The tyre is filled with sealant.
9. The compressor pressure gauge briefly indicates up to six bar whilst the sealant bottle is emptying (approx. 30 seconds). Then the pressure starts to drop.
10. All of the sealant is pumped into the tyre. Then the tyre is inflated.
11. The prescribed tyre pressure should be obtained within ten minutes. Tyre pressure \( \Delta 253 \). When the correct pressure is obtained, switch off the compressor by pressing the on/off switch again.
   If the prescribed tyre pressure is not obtained within ten minutes, remove the tyre repair kit. Move the vehicle one tyre rotation. Reattach the tyre repair kit and continue the filling procedure for ten minutes. If the prescribed tyre pressure is still not obtained, the tyre is too badly damaged. Seek the assistance of a workshop.
   Release excess tyre pressure using \( \text{-} \).
   Do not run the compressor for longer than ten minutes.
12. Push catch on bracket to remove sealant bottle from bracket. Screw the tyre inflation hose to the free connection of the sealant bottle.
13. Remove any excess sealant using a cloth.
14. Take the label indicating maximum permitted speed from the sealant bottle and affix in the driver's field of view.
15. Continue driving immediately so that sealant is evenly distributed in the tyre. After driving approx. 10 km (but no more than ten minutes), stop and check tyre pressure. Screw compressor air hose directly onto tyre valve and compressor when doing this.
   If tyre pressure is more than 1.3 bar, set it to the correct value. Repeat the procedure until there is no more loss of pressure.
   If the tyre pressure has fallen below 1.3 bar, the vehicle must not be used. Seek the assistance of a workshop.
16. Stow away tyre repair kit in load compartment.
This prevents sealant from escaping. Stow tyre repair kit in load compartment.
Vehicle care

General information

Note
The driving characteristics of the repaired tyre are severely affected, therefore have this tyre replaced.
If unusual noise is heard or the compressor becomes hot, turn compressor off for at least 30 minutes.
The built-in safety valve opens at a pressure of seven bar.
Note the expiry date of the kit. After this date its sealing capability is no longer guaranteed. Pay attention to storage information on sealant bottle.
Replace the used sealant bottle. Dispose of the bottle as prescribed by applicable laws.
The compressor and sealant can be used from approx. -30 °C.
The adapters supplied can be used to pump up other items e.g. footballs, air mattresses, inflatable dinghies etc. They are located on the underside of the compressor. To remove, screw on compressor air hose and withdraw adapter.

Wheel changing

Make the following preparations and observe the following information:

- Park the vehicle on a level, firm and non-skid surface. The front wheels must be in the straight-ahead position.
- Apply the parking brake and engage first gear, reverse gear or P.
- Never change more than one wheel at once.
- Use the jack only to change wheels in case of puncture, not for seasonal winter or summer tyre change.
- The jack is maintenance-free.
- If the ground on which the vehicle is standing is soft, a solid board (max. 1 cm thick) should be placed under the jack.
- Take heavy objects out of the vehicle before jacking up.
- No people or animals may be in the vehicle when it is jacked-up.
- Never crawl under a jacked-up vehicle.

- Do not start the vehicle when it is raised on the jack.
- Before screwing in the wheel bolts, clean them and lightly coat the taper of each wheel bolt with commercially available grease.

⚠️ Warning

Do not grease the thread of the wheel bolt.

1. Steel wheels:
Pull off the wheel cover.

Alloy wheels with bolt caps:
Disengage wheel bolt caps with a screwdriver and remove. To protect the wheel, place a soft cloth between the screwdriver and the alloy wheel.
2. Install the wheel wrench ensuring that it locates securely and loosen each wheel bolt by half a turn. The wheels might be protected by locking wheel bolts. To loosen these specific bolts, first attach the adapter for the locking wheel bolts onto the head of the bolt before installing the wheel wrench. The adapter is located in the glovebox.

3. Ensure the jack is correctly positioned under the relevant vehicle jacking point. On versions with sill panelling or retrofitted sill panelling, no jack may be used. The vehicle may be damaged.

4. Set the jack to the necessary height. Position it directly below the jacking point in a manner that prevents it from slipping.
Vehicle care

Attach jack handle and with the jack correctly aligned rotate handle until wheel is clear of the ground.
5. Unscrew the wheel bolts.
6. Change the wheel.
7. Screw on the wheel bolts.
8. Lower vehicle.
9. Install the wheel wrench ensuring that it locates securely and tighten each bolt in a crosswise sequence. Tightening torque is 110 Nm.
10. Align the valve hole in the wheel cover of the steel wheel with the tyre valve before installing.

Install wheel bolt caps or centre cap on alloy wheel.
11. Install vehicle jacking point cover.
12. Stow and secure the replaced wheel, the vehicle tools 212 and the adapter for the locking wheel bolts 58.
13. Check the tyre pressure of the installed tyre and the wheel bolt torque as soon as possible.

Have the defective tyre renewed or repaired as soon as possible.

Jacking position for lifting platform

Rear arm position of the lifting platform located centrally under the recess of the sill.

Front arm position of the lifting platform at the underbody.

Spare wheel
If mounting a spare wheel, which is different from the other wheels, this wheel might be classified as a temporary spare wheel and the corresponding speed limits apply, even though no label indicates this. Seek the assistance of a workshop to check the applicable speed limit.
The spare wheel has a steel rim.
Caution

The use of a spare wheel that is smaller than the other wheels or in combination with winter tyres could affect driveability. Have the defective tyre replaced as soon as possible.

3-door/5-door hatchback

The spare wheel is located in the load compartment beneath the floor covering. It is secured with a wing nut. Fitting a double load-bay floor in this case in the upper position 71.

To remove, unscrew wing nut, lift spare wheel, move to a vertical position and remove from above.

When stowing the replaced wheel or the temporary spare wheel back in the spare wheel well, always secure with the wing nut.

Delivery van

Remove spacer above the spare wheel, lift the wheel, move to a vertical position and remove from above.

When stowing the replaced wheel or the temporary spare wheel back in the spare wheel well, always insert the adapter and secure the load cover with the wing nut.

Depending on the defective replaced wheel, the spacer can be omitted if necessary, or the wheel can be bolted down without the floor cover.

Remove load floor.
The spare wheel is screwed down together with the floor cover.
Unscrew wing nut and lift load cover.
Temporary spare wheel

Caution

The use of the temporary spare wheel could affect driveability. Have the defective tyre renewed or repaired as soon as possible.

Only mount one temporary spare wheel. The permissible maximum speed on the label on the temporary spare wheel is only valid for the factory-fitted tyre size.

If your vehicle gets a flat tyre on the rear while towing another vehicle, mount the temporary spare wheel in the front and the full size tyre in the rear.

Tyre chains § 220.

Spare wheel with directional tyre

If possible, fit directional tyres such that they roll in the direction of travel. The rolling direction is indicated by a symbol (e.g. an arrow) on the sidewall.

The following applies to tyres fitted opposing the rolling direction:

- Driveability may be affected. Have the defective tyre renewed or repaired as soon as possible.
- Drive particularly carefully on wet and snow-covered road surfaces.

Jump starting

Do not start with a quick charger. A vehicle with a discharged vehicle battery can be started using jump leads and the vehicle battery of another vehicle.

⚠️ Warning

Be extremely careful when starting with jump leads. Any deviation from the following instructions can lead to injuries or damage caused by battery explosion or damage to the electrical systems of both vehicles.

⚠️ Warning

Avoid contact of the battery with eyes, skin, fabrics and painted surfaces. The fluid contains sulphuric acid which can cause injuries and damage in the event of direct contact.

- Never expose the battery to naked flames or sparks.
Vehicle care

- A discharged vehicle battery can already freeze at a temperature of 0 °C. Defrost the frozen battery before connecting jump leads.
- Wear eye protection and protective clothing when handling a battery.
- Use a booster battery with the same voltage (12 Volts). Its capacity (Ah) must not be much less than that of the discharged vehicle battery.
- Use jump leads with insulated terminals and a cross section of at least 16 mm² (25 mm² for diesel engines).
- Do not disconnect the discharged vehicle battery from the vehicle.
- Switch off all unnecessary electrical consumers.
- Do not lean over the battery during jump starting.
- Do not allow the terminals of one lead to touch those of the other lead.
- The vehicles must not come into contact with each other during the jump starting process.

- Apply the parking brake, transmission in neutral, automatic transmission in P.
- Open the positive terminal protection caps of both vehicle batteries.

Lead connection order:
1. Connect the red lead to the positive terminal of the booster vehicle battery.
2. Connect the other end of the red lead to the positive terminal of the discharged vehicle battery.
3. Connect the black lead to the negative terminal of the booster vehicle battery.
4. Connect the other end of the black lead to a vehicle grounding point, such as the engine block or an engine mounting bolt. Connect as far away from the discharged vehicle battery as possible, however at least 60 cm. Route the leads so that they cannot catch on rotating parts in the engine compartment.

To start the engine:
1. Start the engine of the vehicle providing the jump.
2. After five minutes, start the other engine. Start attempts should be made for no longer than 15 seconds at an interval of one minute.
3. Allow both engines to idle for approx. three minutes with the leads connected.
4. Switch on electrical consumers (e.g. headlights, heated rear window) of the vehicle receiving the jump start.

5. Reverse above sequence exactly when removing leads.

---

**Towing**

**Towing the vehicle**

Insert a screwdriver in the slot at the lower part of the cap. Release the cap by carefully moving the screwdriver downwards.

The towing eye is stowed with the vehicle tools 212.

---

Screw in the towing eye as far as it will go until it stops in a horizontal position.

Attach a tow rope – or better still a tow rod – to the towing eye.

The towing eye must only be used for towing and not for recovering the vehicle.

Switch on ignition to release steering wheel lock and to permit operation of brake lights, horn and windscreen wiper.

Transmission in neutral.
**Caution**

Drive slowly. Do not drive jerkily. Excessive tractive force can damage the vehicle.

When the engine is not running, considerably more force is needed to brake and steer.

To prevent the entry of exhaust gases from the towing vehicle, switch on the air recirculation and close the windows.

Vehicles with automatic transmission: the vehicle must be towed facing forwards, not faster than 80 km/h nor further than 100 km. In all other cases and when the transmission is defective, the front axle must be raised off the ground.

Vehicles with manual transmission automated: the vehicle must only be towed facing forwards with the front axle raised off the ground.

Seek the assistance of a workshop.

After towing, unscrew the towing eye. Insert cap at the top and engage downwards.

---

**Towing another vehicle**

Insert a screwdriver in the slot at the lower bend of the cap. Release the cap by carefully moving the screwdriver downwards.

The towing eye is stowed with the vehicle tools 212.

Screw in the towing eye as far as it will go until it stops in a horizontal position.

The lashing eye at the rear underneath the vehicle must never be used as a towing eye.

Attach a tow rope – or even better a tow bar – to the towing eye.

The towing eye must only be used for towing and not for recovering a vehicle.
Vehicle care

Appearance care

Exterior care

Locks

The locks are lubricated at the factory using a high quality lock cylinder grease. Use a de-icing agent only when absolutely necessary, as this has a degreasing effect and impairs lock function. After using a de-icing agent, have the locks regreased by a workshop.

Washing

The paintwork of your vehicle is exposed to environmental influences. Wash and wax your vehicle regularly. When using automatic vehicle washes, select a programme that includes waxing. Restrictions for filmed or matt painted body parts or decor tapes, see "Polishing and waxing".

Bird droppings, dead insects, resin, pollen and the like should be cleaned off immediately, as they contain aggressive constituents which can cause paint damage.

If using a car wash, comply with the car wash manufacturer's instructions. The windscreen wiper and rear window wiper must be switched off. Remove antenna and external accessories such as roof racks etc.

If you wash your vehicle by hand, make sure that the insides of the wheel housings are also thoroughly rinsed out.

Clean edges and folds on opened doors and the bonnet as well as the areas they cover.

Clean bright metal mouldings with a cleaning solution approved for aluminium to avoid damages.

Caution

Always use a cleaning agent with a pH value of four to nine.
Do not use cleaning agents on hot surfaces.

Have the door hinges of all doors greased by a workshop.
Do not clean the engine compartment with a steam-jet or high-pressure jet cleaner.

Caution

Drive slowly. Do not drive jerkily. Excessive tractive force can damage the vehicle.

After towing, unscrew the towing eye. Insert cap at the top and engage downwards.
Vehicle care

Thoroughly rinse and leather-off the vehicle. Rinse leather frequently. Use separate leathers for painted and glass surfaces: remnants of wax on the windows will impair vision.
Do not use hard objects to remove spots of tar. Use tar removal spray on painted surfaces.

Exterior lights
Headlight and other light covers are made of plastic. Do not use any abrasive or caustic agents, do not use an ice scraper, and do not clean them dry.

Polishing and waxing
Wax painted parts of the vehicle regularly (at the latest when water no longer beads). Otherwise, the paintwork will dry out.
Polishing is necessary only if the paint has become dull or if solid deposits have become attached to it.
Paintwork polish with silicone forms a protective film, making waxing unnecessary.

Unpainted plastic body parts must not be treated with wax or polishing agents.
Matt filmed body parts or decor tapes must not be polished, to avoid gleaming. Do not use hot wax programmes in automatic car washes if the vehicle is equipped with these parts.
Matt painted decor parts, e.g. mirror housing cover, must not be polished. Otherwise these parts would become agleam or the colour would be dissolved.

Windows and windscreen wiper blades
Use a soft lint-free cloth or chamois leather together with window cleaner and insect remover.
When cleaning the rear window from inside, always wipe in parallel to the heating element to prevent damage.
For mechanical removal of ice, use a sharp-edged ice scraper. Press the scraper firmly against the glass so that no dirt can get under it and scratch the glass.
Clean smearing wiper blades with a soft cloth and window cleaner.
Remove dirt residues from smearing wiper blades by using a soft cloth and window cleaner. Also make sure to remove any residues such as wax, insect residues and similar from the window.
Ice residues, pollution and continuous wiping on dry windows will damage or even destroy the wiper blades.

Sunroof
Never clean with solvents or abrasive agents, fuels, aggressive media (e.g. paint cleaner, acetone-containing solutions etc.), acidic or highly alkaline media or abrasive pads. Do not apply wax or polishing agents to the sunroof.

Wheels and tyres
Do not use high-pressure jet cleaners.
Clean rims with a pH-neutral wheel cleaner.
Rims are painted and can be treated with the same agents as the body.
Paintwork damage
Rectify minor paintwork damage with a touch-up pen before rust forms. Have more extensive damage or rust areas repaired by a workshop.

Underbody
Some areas of the vehicle underbody have a PVC undercoating while other critical areas have a durable protective wax coating.
After the underbody is washed, check the underbody and have it waxed if necessary.
Bitumen/rubber materials could damage the PVC coating. Have underbody work carried out by a workshop.
Before and after winter, wash the underbody and have the protective wax coating checked.

Liquid gas system

⚠️ Danger
Liquid gas is heavier than air and can collect in sink points.
Take care when performing work at the underbody in a pit.

For painting work and when using a drying booth at a temperature above 60 °C, the liquid gas tank must be removed.
Do not make any modifications to the liquid gas system.

Towing equipment
Do not clean the coupling ball bar with a steam-jet or high-pressure jet cleaner.

Rear carrier system
Clean the rear carrier system with a steam-jet or high-pressure jet cleaner at least once a year.
Operate the rear carrier system periodically if not in regular use, in particular during winter.

Interior and upholstery
Only clean the vehicle interior, including the instrument panel fascia and panelling, with a dry cloth or interior cleaner.
Clean the leather upholstery with clear water and a soft cloth. In case of heavy soiling, use leather care. The instrument cluster and the displays should only be cleaned using a soft damp cloth. If necessary use a weak soap solution.
Clean fabric upholstery with a vacuum cleaner and brush. Remove stains with an upholstery cleaner.
Clothing fabrics may not be colourfast. This could cause visible discoulorations, especially on light-coloured upholstery. Removable stains and discoulorations should be cleaned as soon as possible.
Clean seat belts with lukewarm water or interior cleaner.
Vehicle care

**Caution**

Close Velcro fasteners as open Velcro fasteners on clothing could damage seat upholstery.
The same applies to clothing with sharp-edged objects, like zips or belts or studded jeans.

**Plastic and rubber parts**

Plastic and rubber parts can be cleaned with the same cleaner as used to clean the body. Use interior cleaner if necessary. Do not use any other agent. Avoid solvents and petrol in particular. Do not use high-pressure jet cleaners.
Service and maintenance

**General information**

In order to ensure economical and safe vehicle operation and to maintain the value of your vehicle, it is of vital importance that all maintenance work is carried out at the proper intervals as specified.

The detailed, up-to-date service schedule for your vehicle is available at the workshop.

Service display ◇ 87.

**European service intervals**

Maintenance of your vehicle is required every 30,000 km or after one year, whichever occurs first, unless otherwise indicated in the service display.

A shorter service interval can be valid for severe driving behaviour, e.g. for taxis and police vehicles.

The European service intervals are valid for the following countries:

Andorra, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Greenland, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom.

Service display ◇ 87.

**International service intervals**

Maintenance of your vehicle is required every 15,000 km or after one year, whichever occurs first, unless otherwise indicated in the service display.

The international service intervals are valid for the countries which are not listed in the European service intervals.

Service display ◇ 87.
Confirmations

Confirmation of service is recorded in the Service and Warranty Booklet. The date and mileage is completed with the stamp and signature of the servicing workshop.

Make sure that the Service and Warranty Booklet is completed correctly as continuous proof of service is essential if any warranty or goodwill claims are to be met, and is also a benefit when selling the vehicle.

Service interval with remaining engine oil life duration

The service interval is based on several parameters depending on usage.

The service display lets you know when to change the engine oil.

Service display 87.

Recommended fluids, lubricants and parts

Recommended fluids and lubricants

Only use products that meet the recommended specifications.

⚠️ Warning

Operating materials are hazardous and could be poisonous. Handle with care. Pay attention to information given on the containers.

Engine oil

Engine oil is identified by its quality and its viscosity. Quality is more important than viscosity when selecting which engine oil to use. The oil quality ensures e.g. engine cleanliness, wear protection and oil aging control, whereas viscosity grade gives information on the oil’s thickness over a temperature range.

Dexos is the newest engine oil quality that provides optimum protection for petrol and diesel engines. If it is unavailable, engine oils of other listed qualities have to be used. Recommendations for petrol engines are also valid for Compressed Natural Gas (CNG), Liquified Petroleum Gas (LPG) and Ethanol (E85) fuelled engines.

Select the appropriate engine oil based on its quality and on the minimum ambient temperature 242.

Topping up engine oil

Engine oils of different manufacturers and brands can be mixed as long as they comply with the required engine oil quality and viscosity.

Use of engine oil with only ACEA A1/B1 or only A5/B5 quality is prohibited, since it can cause long-term engine damage under certain operating conditions.

Select the appropriate engine oil based on its quality and on the minimum ambient temperature 242.
Additional engine oil additives
The use of additional engine oil additives could cause damage and invalidate the warranty.

Engine oil viscosity grades
The SAE viscosity grade gives information of the thickness of the oil. Multigrade oil is indicated by two figures, e.g. SAE 5W-30. The first figure, followed by a W, indicates the low temperature viscosity and the second figure the high temperature viscosity.
Select the appropriate viscosity grade depending on the minimum ambient temperature.
All of the recommended viscosity grades are suitable for high ambient temperatures.

Coolant and antifreeze
Use only silicate-free long life coolant (LLC) antifreeze. Consult a workshop.
The system is factory filled with coolant designed for excellent corrosion protection and frost protection down to approx. -28 °C. In northern countries with very low temperatures the factory filled coolant provides frost protection down to approx. -37 °C. This concentration should be maintained all year round. The use of additional coolant additives that intend to give additional corrosion protection or seal against minor leaks can cause function problems. Liability for consequences resulting from the use of additional coolant additives will be rejected.

Brake and clutch fluid
Over time, brake fluid absorbs moisture which will reduce braking effectiveness. The brake fluid should therefore be replaced at the specified interval.
Technical data

Vehicle identification .......................... 240
   Vehicle Identification Number .. 240
   Identification plate ............... 241
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       lubricants .......................... 242
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Vehicle identification

Vehicle Identification Number

The Vehicle Identification Number is stamped on the identification plate and on the floor pan, under the floor covering, visible under a cover.

The Vehicle Identification Number may be embossed on the instrument panel, visible through the windscreen, or in the engine compartment on the right body panel.
Identification plate

The identification plate is located on the left or right door frame.

Information on identification label:
1: manufacturer
2: type approval number
3: vehicle identification number
4: permissible gross vehicle weight rating in kg
5: permissible gross train weight in kg
6: maximum permissible front axle load in kg
7: maximum permissible rear axle load in kg
8: vehicle-specific or country-specific data

The combined total of front and rear axle loads must not exceed the permissible gross vehicle weight. For example, if the front axle is bearing its maximum permissible load, the rear axle can only bear a load that is equal to the gross vehicle weight minus the front axle load.

The technical data is determined in accordance with European Community standards. We reserve the right to make modifications. Specifications in the vehicle documents always have priority over those given in this manual.

Engine identification

The technical data tables use the engine identifier code. The engine data table additionally shows the engineering code. Engine data ▶ 245.

To identify the respective engine, refer to the EEC Certificate of Conformity provided with your vehicle or other national registration documents.

The Certificate of Conformity shows the engine identifier code, other national publications may show the engineering code. Check piston displacement and engine power to identify the respective engine.
Vehicle data
Recommended fluids and lubricants

European service schedule

Required engine oil quality

<table>
<thead>
<tr>
<th>Engine oil quality</th>
<th>Petrol engines (including CNG, LPG, E85)</th>
<th>Diesel engines</th>
</tr>
</thead>
<tbody>
<tr>
<td>dexos 1</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>dexos 2</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

In case dexos quality is unavailable, you may use max. 1 litre engine oil quality ACEA C3 once between each oil change.

Engine oil viscosity grades

<table>
<thead>
<tr>
<th>Ambient temperature</th>
<th>Petrol and diesel engines</th>
</tr>
</thead>
<tbody>
<tr>
<td>down to -25 °C</td>
<td>SAE 5W-30 or SAE 5W-40</td>
</tr>
<tr>
<td>below -25 °C</td>
<td>SAE 0W-30 or SAE 0W-40</td>
</tr>
</tbody>
</table>
### International service schedule

#### Required engine oil quality

<table>
<thead>
<tr>
<th>Engine oil quality</th>
<th>Petrol engines (including CNG, LPG, E85)</th>
<th>Diesel engines</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>dexos 1 (if available)</strong></td>
<td>✔</td>
<td>–</td>
</tr>
<tr>
<td><strong>dexos 2</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

In case dexos quality is unavailable, you may use the oil qualities listed below:

<table>
<thead>
<tr>
<th>Engine oil quality</th>
<th>Petrol engines (including CNG, LPG, E85)</th>
<th>Diesel engines</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GM-LL-A-025</strong></td>
<td>✔</td>
<td>–</td>
</tr>
<tr>
<td><strong>GM-LL-B-025</strong></td>
<td>–</td>
<td>✔</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Engine oil quality</th>
<th>Petrol engines (including CNG, LPG, E85)</th>
<th>Diesel engines</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ACEA A3/B3</strong></td>
<td>✔</td>
<td>–</td>
</tr>
<tr>
<td><strong>ACEA A3/B4</strong></td>
<td>✔</td>
<td>✔</td>
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### Technical data

<table>
<thead>
<tr>
<th>ACEA C3</th>
<th>✔</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>API SM</td>
<td>✔</td>
<td>–</td>
</tr>
<tr>
<td>API SN resource conserving</td>
<td>✔</td>
<td>–</td>
</tr>
</tbody>
</table>

### Engine oil viscosity grades

<table>
<thead>
<tr>
<th>Ambient temperature</th>
<th>Petrol and diesel engines</th>
</tr>
</thead>
<tbody>
<tr>
<td>down to -25 °C</td>
<td>SAE 5W-30 or SAE 5W-40</td>
</tr>
<tr>
<td>below -25 °C</td>
<td>SAE 0W-30 or SAE 0W-40</td>
</tr>
<tr>
<td>down to -20 °C</td>
<td>SAE 10W-30(^1) or SAE 10W-40</td>
</tr>
</tbody>
</table>

\(^1\) Permitted, but usage of SAE 5W-30 or SAE 5W-40 with dexos quality is recommended.
# Engine data

<table>
<thead>
<tr>
<th>Engine identifier code</th>
<th>B10XFL</th>
<th>B10XFT</th>
<th>B12XEL</th>
<th>B14XEJ</th>
<th>B14XEL</th>
<th>B14NEJ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales designation</td>
<td>1.0</td>
<td>1.0</td>
<td>1.2</td>
<td>1.4</td>
<td>1.4</td>
<td>1.4</td>
</tr>
<tr>
<td>Engineering code</td>
<td>B10XFT</td>
<td>B10XFT</td>
<td>B12XER</td>
<td>B14XER</td>
<td>B14XER</td>
<td>B14NEL</td>
</tr>
<tr>
<td>Piston displacement [cm³]</td>
<td>999</td>
<td>999</td>
<td>1229</td>
<td>1398</td>
<td>1398</td>
<td>1364</td>
</tr>
<tr>
<td>Engine power [kW]</td>
<td>66</td>
<td>85</td>
<td>51</td>
<td>55</td>
<td>66</td>
<td>74</td>
</tr>
<tr>
<td>at rpm</td>
<td>3700 - 6000</td>
<td>5000 - 6000</td>
<td>5600</td>
<td>4200 - 6000</td>
<td>6000</td>
<td>3500 - 6000</td>
</tr>
<tr>
<td>Torque [Nm]</td>
<td>170</td>
<td>170</td>
<td>115</td>
<td>130</td>
<td>130</td>
<td>200</td>
</tr>
<tr>
<td>at rpm</td>
<td>1800 - 3700</td>
<td>1800 - 4500</td>
<td>4000</td>
<td>4000</td>
<td>4000</td>
<td>1850 - 3500</td>
</tr>
<tr>
<td>Fuel type</td>
<td>Petrol</td>
<td>Petrol</td>
<td>Petrol</td>
<td>Petrol</td>
<td>Petrol</td>
<td>Petrol</td>
</tr>
<tr>
<td>Octane rating RON</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>recommended</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>possible</td>
<td>91</td>
<td>91</td>
<td>98</td>
<td>98</td>
<td>98</td>
<td>98</td>
</tr>
<tr>
<td>possible</td>
<td>98</td>
<td>98</td>
<td>91</td>
<td>91</td>
<td>91</td>
<td>91</td>
</tr>
<tr>
<td>Gas</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>
## Technical data

<table>
<thead>
<tr>
<th>Engine identifier code</th>
<th>B14XEL</th>
<th>B14NEH</th>
<th>B16LER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales designation</td>
<td>1.4 LPG</td>
<td>1.4 Turbo</td>
<td>OPC</td>
</tr>
<tr>
<td>Engineering code</td>
<td>B14XER</td>
<td>B14NET</td>
<td>B16LER</td>
</tr>
<tr>
<td>piston displacement ([cm^3])</td>
<td>1398</td>
<td>1364</td>
<td>1598</td>
</tr>
<tr>
<td>Engine power ([kW]) at rpm</td>
<td>66</td>
<td>110</td>
<td>152</td>
</tr>
<tr>
<td>Torque ([Nm]) at rpm</td>
<td>130(^2)</td>
<td>220</td>
<td>245</td>
</tr>
<tr>
<td>Fuel type</td>
<td>Liquid Gas/Petrol</td>
<td>Petrol</td>
<td>Petrol</td>
</tr>
<tr>
<td>Octane rating RON</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>recommended</td>
<td>95</td>
<td>98</td>
<td>100</td>
</tr>
<tr>
<td>possible</td>
<td>98</td>
<td>95</td>
<td>98</td>
</tr>
<tr>
<td>possible</td>
<td>91</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Gas</td>
<td>LPG</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

\(^2\) LPG operation: 124.
## Technical data

<table>
<thead>
<tr>
<th>Engine identifier code</th>
<th>B13DTC</th>
<th>B13DTE</th>
<th>B13DTE</th>
<th>B13DTR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales designation</td>
<td>1.3</td>
<td>1.3</td>
<td>1.3</td>
<td>1.3</td>
</tr>
<tr>
<td>Engineering code</td>
<td>B13DTC</td>
<td>B13DTE</td>
<td>B13DTE</td>
<td>B13DTR</td>
</tr>
<tr>
<td>Piston displacement [cm³]</td>
<td>1248</td>
<td>1248</td>
<td>1248</td>
<td>1248</td>
</tr>
<tr>
<td>Engine power [kW]</td>
<td>55</td>
<td>55</td>
<td>70</td>
<td>70</td>
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<tr>
<td>at rpm</td>
<td>3750</td>
<td>3750</td>
<td>3750</td>
<td>3750</td>
</tr>
<tr>
<td>Torque [Nm]</td>
<td>190</td>
<td>190</td>
<td>190</td>
<td>210</td>
</tr>
<tr>
<td>at rpm</td>
<td>1500 - 2500</td>
<td>1500 - 2500</td>
<td>1500 - 3500</td>
<td>1500 - 3000</td>
</tr>
<tr>
<td>Fuel type</td>
<td>Diesel</td>
<td>Diesel</td>
<td>Diesel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Gas</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

## Performance

<table>
<thead>
<tr>
<th>Engine</th>
<th>B10XFL</th>
<th>B10XFT</th>
<th>B12XEL</th>
<th>B14XEL</th>
<th>B14NEJ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum speed [km/h]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manual transmission</td>
<td>180</td>
<td>195</td>
<td>162</td>
<td>167</td>
<td>175</td>
</tr>
<tr>
<td>Manual transmission automated</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>175</td>
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<tr>
<td>Automatic transmission</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>170</td>
</tr>
</tbody>
</table>
## Technical data

<table>
<thead>
<tr>
<th>Engine</th>
<th>B14XEL LPG</th>
<th>B14NEH</th>
<th>B16LER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum speed [km/h]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manual transmission</td>
<td>175</td>
<td>207</td>
<td>230</td>
</tr>
<tr>
<td>Manual transmission automated</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Automatic transmission</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Engine</th>
<th>B13DTC 55kW</th>
<th>B13DTE 70kW</th>
<th>B13DTE 70kW</th>
<th>B13DTR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum speed [km/h]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manual transmission</td>
<td>164</td>
<td>182</td>
<td>182</td>
<td>177</td>
</tr>
<tr>
<td>Manual transmission automated</td>
<td>–</td>
<td>182</td>
<td>182</td>
<td>–</td>
</tr>
<tr>
<td>Automatic transmission</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>
## Vehicle weight

**Kerb weight, 5-door vehicle, basic model without any optional equipment**

<table>
<thead>
<tr>
<th>Engine</th>
<th>Manual transmission</th>
<th>Manual transmission automated</th>
<th>Automatic transmission</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>without / with air conditioning</strong> [kg]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B10XFL</td>
<td>1199 / 1214</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B10XFT</td>
<td>1199 / 1214</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B12XEL</td>
<td>1163 / 1178</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B14XEJ</td>
<td>1163 / 1178</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B14XEL</td>
<td>1163 / 1178</td>
<td>1163 / 1178</td>
<td>1199 / 1214</td>
</tr>
<tr>
<td>B14XEL LPG</td>
<td>1237 / 1252</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B14NEJ</td>
<td>1237 / 1252</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B14NEH</td>
<td>1259 / 1274</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td><strong>without / with air conditioning</strong> [kg]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B13DTC</td>
<td>1237 / 1252</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B13DTE</td>
<td>1237 / 1331</td>
<td>1237 / 1331</td>
<td>–</td>
</tr>
<tr>
<td>B13DTR</td>
<td>1259 / 1274</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

Optional equipment and accessories increase the kerb weight.

Loading information ⇑ 74.
## Technical data

Kerb weight, 3-door vehicle and van, basic model without any optional equipment

<table>
<thead>
<tr>
<th>Engine</th>
<th>Manual transmission</th>
<th>Manual transmission automated</th>
<th>Automatic transmission</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>without / with air conditioning [kg]</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B10XFL</td>
<td>1163 / 1178</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B10XFT</td>
<td>1163 / 1178</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B12XEL</td>
<td>1120 / 1135</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B14XEJ</td>
<td>1141 / 1156</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B14XEL</td>
<td>1141 / 1156</td>
<td>1141 / 1156</td>
<td>1163 / 1178</td>
</tr>
<tr>
<td>B14XEL LPG</td>
<td>1199 / 1214</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B14NEJ</td>
<td>1199 / 1214</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B14NEH</td>
<td>1199 / 1214</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B16LER</td>
<td>1278 / 1293</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td><strong>without/with air conditioning [kg]</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B13DTC</td>
<td>1199 / 1214</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>B13DTE</td>
<td>1199 / 1214</td>
<td>1199 / 1214</td>
<td>–</td>
</tr>
<tr>
<td>B13DTR</td>
<td>1237 / 1252</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

Optional equipment and accessories increase the kerb weight.

Loading information ➔ 74.
# Vehicle dimensions

<table>
<thead>
<tr>
<th></th>
<th>5-door vehicle</th>
<th>3-door vehicle</th>
<th>OPC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length [mm]</td>
<td>4021</td>
<td>4036</td>
<td>4036</td>
</tr>
<tr>
<td>Width without exterior mirrors [mm]</td>
<td>1746</td>
<td>1736</td>
<td>1736</td>
</tr>
<tr>
<td>Width with two exterior mirrors [mm]</td>
<td>1944</td>
<td>1944</td>
<td>1944</td>
</tr>
<tr>
<td>Height (without antenna) [mm]</td>
<td>1466 - 1516</td>
<td>1466 - 1501</td>
<td>1466 - 1501</td>
</tr>
<tr>
<td>Length of load compartment floor [mm]</td>
<td>705</td>
<td>705</td>
<td>705</td>
</tr>
<tr>
<td>Length of load compartment with folded rear seats [mm]</td>
<td>1372</td>
<td>1372</td>
<td>1372</td>
</tr>
<tr>
<td>Load compartment width [mm]</td>
<td>944</td>
<td>944</td>
<td>944</td>
</tr>
<tr>
<td>Load compartment height with cover [mm]</td>
<td>542</td>
<td>542</td>
<td>542</td>
</tr>
<tr>
<td>Load compartment height without cover [mm]</td>
<td>876</td>
<td>843</td>
<td>843</td>
</tr>
<tr>
<td>Wheelbase [mm]</td>
<td>2510</td>
<td>2510</td>
<td>2510</td>
</tr>
<tr>
<td>Turning circle diameter [m]</td>
<td>11.0 - 11.9</td>
<td>11.0 - 11.9</td>
<td>11.0 - 11.9</td>
</tr>
</tbody>
</table>

3) Depending on options.
4) Depending on body- and equipment variants.
### Capacities

#### Engine oil

<table>
<thead>
<tr>
<th>Engine</th>
<th>B10XFL</th>
<th>B10XFT</th>
<th>B12XEL</th>
<th>B14XEL</th>
<th>B14XEL LPG</th>
<th>B16LER</th>
<th>B13DTC</th>
<th>B13DTE</th>
<th>B13DTR</th>
</tr>
</thead>
<tbody>
<tr>
<td>including Filter [l]</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>3.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>between MIN and MAX [l]</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Fuel tank

<table>
<thead>
<tr>
<th>Engine</th>
<th>B10XFL</th>
<th>B10XFT</th>
<th>B12XEL</th>
<th>B14XEL</th>
<th>B14XEL LPG</th>
<th>B16LER</th>
<th>B13DTC</th>
<th>B13DTE</th>
<th>B13DTR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrol/diesel, refilling quantity [l]</td>
<td>45</td>
<td>45</td>
<td>45</td>
<td>45</td>
<td>45</td>
<td>45</td>
<td>45</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LPG, refilling quantity [l]</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>34</td>
<td>–</td>
<td>–</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Tyre pressures

<table>
<thead>
<tr>
<th>Engine</th>
<th>Tyres</th>
<th>Comfort with up to 3 people</th>
<th>ECO with up to 3 people</th>
<th>With full load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>front [kPa/bar] ([psi])</td>
<td>rear [kPa/bar] ([psi])</td>
<td>front [kPa/bar] ([psi])</td>
<td>rear [kPa/bar] ([psi])</td>
</tr>
<tr>
<td>B12XEL,</td>
<td>175/70 R14,</td>
<td>210/2.1 (31)</td>
<td>270/2.7 (39)</td>
<td>260/2.6 (38)</td>
</tr>
<tr>
<td>B14XEL,</td>
<td>185/70 R14,</td>
<td>210/2.1 (31)</td>
<td>250/2.5 (37)</td>
<td>260/2.6 (38)</td>
</tr>
<tr>
<td>B14XEL LPG,</td>
<td>185/65 R15,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B14XEJ</td>
<td>195/55 R16,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>215/45 R17</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B10XFL,</td>
<td>185/65 R15,</td>
<td>230/2.3 (34)</td>
<td>270/2.7 (39)</td>
<td>260/2.6 (38)</td>
</tr>
<tr>
<td>B10XFT,</td>
<td>195/55 R16,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B14NEJ</td>
<td>215/45 R17</td>
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Customer information

Declaration of conformity

Transmission systems

This vehicle has systems that transmit and/or receive radio waves subject to Directive 1999/5/EC. These systems are in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. Copies of the original Declarations of Conformity can be obtained on our website.
Customer information

Jack
Translation of the original declaration of conformity
Declaration of conformity according to EC Directive 2006/42/EC
We declare that the product:
Product designation: Jack
Type/GM part number: 13331922
is in compliance with the provisions of Directive 2006/42/EC.

Applied technical standards:
GMN9737 : jacking
GM 14337 : standard equipment jack – hardware tests
GMN5127 : vehicle integrity – hoisting and service station jacking
GMW15005 : standard equipment jack and spare tyre, vehicle test
ISO TS 16949 : quality management systems

The signatory is authorised to compile the technical documentation.
Rüsselsheim, 31st January 2014
signed by
Hans-Peter Metzger
Engineering Group Manager Chassis & Structure
Adam Opel AG
D-65423 Rüsselsheim

Collision damage repair
Paint thickness
Due to production, the thickness of the paint can differ between 50 and 400 µm.
Therefore, different paint thickness is no indicator for a collision damage repair.

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unzip

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Vehicle data recording and privacy

Event data recorders

Data storage modules in the vehicle

A large number of electronic components of your vehicle contain data storage modules temporarily or permanently storing technical data about the condition of the vehicle, events and errors. In general, this technical information documents the condition of parts, modules, systems or the environment:

- Operating conditions of system components (e.g. filling levels).
- Status messages of the vehicle and its single components (e.g. number of wheel revolutions / rotational speed, deceleration, lateral acceleration).
- Dysfunctions and defects in important system components.
- Vehicle reactions in particular driving situations (e.g. inflation of an airbag, activation of the stability regulation system).
- Environmental conditions (e.g. temperature).

These data are exclusively technical and help identifying and correcting errors as well as optimizing vehicle functions.

Motion profiles indicating travelled routes cannot be created with these data.

If services are used (e.g. repair works, service processes, warranty cases, quality assurance), employees of the service network (manufacturer included) are able to read out this technical information from the event and error data storage modules applying special diagnostic devices. If required, you will receive further information at these workshops. After an error has been corrected, the data are deleted from the error storage module or they are constantly overwritten.
When using the vehicle, situations may occur in which these technical data related to other information (accident report, damages on the vehicle, witness statements etc.) may be associated with a specific person - possibly, with the assistance of an expert.

Additional functions contractually agreed upon with the client (e.g. vehicle location in emergency cases) allow the transmission of particular vehicle data from the vehicle.

Radio Frequency Identification (RFID)
RFID technology is used in some vehicles for functions such as tyre pressure monitoring and ignition system security. It is also used in connection with conveniences such as radio remote controls for door locking/unlocking and starting, and in-vehicle transmitters for garage door openers. RFID technology in Opel vehicles does not use or record personal information or link with any other Opel system containing personal information.
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