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Introduction

Fuel
- Designation
- Grade
- Viscosity

Engine oil

Tyre pressure
- Summer tyres
- Winter tyres

Tyre size

Weights
- Gross vehicle weight rating
- Kerb weight, basic model
= Loading

Front

Rear
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.

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.

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.

- 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.
- Displays 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.

Your Opel Team
In brief

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 handle.

Radio remote control 21, Central locking system 22, Load compartment 25.

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 38, Manual seat adjustment 39, Power seat adjustment 41.
In brief

**Backrest inclination**
Pull lever, adjust inclination and release lever. Allow the seat to engage audibly.
Seat position 38, Manual seat adjustment 39, Power seat adjustment 41.

**Seat height**
Lever pumping motion
up : seat higher
down : seat lower
Seat position 38, Manual seat adjustment 39, Power seat adjustment 41.

**Seat inclination**
Lever pumping motion
up : front end higher
down : front end lower
Seat position 38, Manual seat adjustment 39, Power seat adjustment 41.
Head restraint adjustment

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

Seat belt

Pull out the seat belt and fasten 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 unfasten belt, press red button on belt buckle.
Seat position 38, Seat belts 50, Airbag system 54.

Mirror adjustment

Interior mirror

To adjust the mirror, move the mirror housing in the desired direction.
Exterior mirrors

Select the relevant exterior mirror by turning the control to the left (L) or right (R). Adjust respective mirror by tilting the four-way control.
Convex exterior mirrors  29,
Electric adjustment  29,
Folding exterior mirrors  29,
Heated exterior mirrors  30.

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  54,
Ignition positions  198.
Instrument panel overview
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In brief
Exterior lighting

**AUTO** : automatic light control
switches automatically
between daytime running
light and headlight

**D** : headlights

Automatic light control  131.

**Fog lights**
Press light switch:

**D** : front fog lights
**Q** : rear fog light

Lighting  130.

---

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

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

High beam  131.
Headlight flash  132.
LED headlights  134.
High beam assist  134.

---

**Turn and lane-change signals**

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

Turn and lane-change signals  135, Parking lights  136.
Hazard warning flashers

Operated by pressing ᵂ. Hazard warning flashers  135.

Horn

Press 🅱️.

Washer and wiper systems

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.

Windscreen wiper  98, Wiper blade replacement  266.
Windscreen washer

Pull lever.
Windscreen washer system 98,
Washer fluid 264.

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 99.
Climate control

Heated rear window, heated exterior mirrors

The heating is operated by pressing \[\text{button}\].

Heated rear window \(\heated\) 33.

Demisting and defrosting the windows

Press \[\text{button}\].

Set the temperature control to the highest level.

Heated rear window \(\heated\) on.

Climate control system \(\heated\) 189.

Transmission

Manual transmission

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

Manual transmission \(\heated\) 212.
**Automatic transmission**

P: park position
R: reverse
N: neutral mode
D: automatic mode
M: manual mode
\+: upshift
\-: downshift

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 209.

---

**Starting off**

**Check before starting off**

- Tyre pressure and condition 282, 318.
- Engine oil level and fluid levels 261.
- 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 29, 38, 51.
- 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.
- Operate clutch and brake pedal.
- Automatic transmission: operate brake pedal and move selector lever to P or N.
- Do not operate accelerator pedal.
In brief

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

Starting the engine \( \Rightarrow \) 199.

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:

- Depress the clutch pedal.
- Engage neutral gear.
- Release the clutch pedal.

An Autostop is indicated by the needle at the AUTOSTOP position in the tachometer.

To restart the engine, depress the clutch pedal again. A restart is indicated by the needle at the idle speed position in the tachometer.
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.
- For vehicles with electric parking brake, pull switch for approx. one second.
- The electric parking brake is applied when control indicator illuminates 112.
- 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.
- 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.

Caution

- Lock the vehicle by pressing on the radio remote control.
- Activate the anti-theft alarm system 26.
- The engine cooling fans may run after the engine has been switched off 260.

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 20, Laying the vehicle up for a long period of time 259.
# Keys, doors and windows

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## Keys, locks

### 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 $\heartsuit$ 300.
- The code number of the adapter for the locking wheel nuts is specified on a card. It must be quoted when ordering a replacement adapter.

Wheel changing $\heartsuit$ 290.
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
- power windows

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 resynchronisation.
- 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 22.

**Basic settings**
Some settings can be changed in the Settings menu in the Info-Display. Vehicle personalisation 124.

**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.

Key with foldaway key section

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

Key with fixed key section

Have the battery replaced by a workshop.

Memorised settings

Whenever the ignition is switched off, the following settings are automatically memorised by the remote control unit:

- lighting
- Infotainment system
- central locking system
- Sport mode settings
- comfort settings

The saved settings are automatically used the next time the ignition is switched on with the memorised key of the remote control unit 198.

A precondition is that Personalisation by Driver is activated in the personal settings of the Info-Display. This must be set for each remote control unit which is used. The status change is available only after locking and unlocking the vehicle.

Vehicle personalisation 124.

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

A short time after unlocking with the remote control, the doors are relocked automatically if no door has been opened.
Locking

Close doors, load compartment and fuel filler flap.

Press ⩲.

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

Unlocking and opening the tailgate

Press ⩲ when the ignition is off. The tailgate is released to be unlocked and opened by pushing the touchpad switch below the handle.

Central locking buttons

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

Memorised settings ♂ 22.

Unlocking

Press ⩲.

Two settings are selectable:

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

The setting can be changed in the Settings menu in the Info Display.

Vehicle personalisation ♂ 124.

The setting can be saved for the key being used.
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 £ to unlock all 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 £ 26.

Locking

Push 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 all doors, load compartment and fuel filler flap as soon as a certain speed is exceeded.

Settings can be changed in the Settings menu in the Info-Display. Vehicle personalisation £ 124.
The settings can be saved for the key being used 22.

**Child locks**

⚠️ **Warning**

Use the child locks whenever children are occupying the rear seats.

Using a key or suitable screwdriver, turn the child lock in the rear door to the horizontal position. The door cannot be opened from the inside. For deactivation turn the child lock to the vertical position.

**Doors**

**Load compartment**

**Tailgate**

**Opening**

After unlocking, push the touchpad switch under the tailgate moulding and open the tailgate.

Central locking system 22.

**Closing**

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

Central locking system 22.
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.

⚠️ Caution
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.

Note
The installation of certain heavy accessories onto the tailgate may affect its ability to remain open.

Vehicle security

Anti-theft locking system

⚠️ Warning
Do not use the system if there are people in the vehicle! The doors cannot be unlocked from the inside.

The system deadlocks all the doors. All doors must be closed otherwise the system cannot be activated. Unlocking the vehicle disables the mechanical anti-theft locking system. This is not possible with the central locking button.

Activating

Press 🅱️ on the radio remote control twice within 5 seconds.

Anti-theft alarm system

The anti-theft alarm system is combined with the anti-theft locking system.
It monitors:
• doors, tailgate, bonnet
• passenger compartment including adjoining load compartment
• vehicle inclination, e.g. if it is raised
• ignition

**Activation**

• Self-activated 30 seconds after locking the vehicle (initialisation of the system).

• Directly by pressing on the radio remote control once more after locking.

**Note**
Changes to the vehicle interior such as the use of seat covers, and open windows or sunroof, could impair the function of passenger compartment monitoring.

**Activation without monitoring of passenger compartment and vehicle inclination**

Switch off the monitoring of passenger compartment and vehicle inclination when animals are being left in the vehicle, because of high volume ultrasonic signals or movements triggering the alarm. Also switch off when the vehicle is on a ferry or train.

1. Close tailgate, bonnet and windows.
2. Press . LED in the button illuminates for a maximum of ten minutes.
3. Close doors.
4. Activate the anti-theft alarm system.

Status message is displayed in the Driver Information Centre.

**Status LED**
Status LED is integrated into 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 deactivates the anti-theft alarm system.

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 be deactivated only by pressing 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 next unlocked with the radio remote control. Additionally, a warning message is displayed in the Driver Information Centre after switching on the ignition.

Vehicle messages 122.

If the vehicle's battery is to be disconnected (e.g. for maintenance work), the alarm siren must be deactivated as follows: switch the ignition on then off, then disconnect the vehicle's battery within 15 seconds.

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.

If the control indicator  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 and switch on the anti-theft alarm system 22, 26.

Control indicator 116.
Exterior mirrors

Convex shape
The shape of the mirror makes objects appear smaller, which will affect the ability to estimate distances.
Side blind spot alert 237.

Electric adjustment

Select the relevant exterior mirror by turning the control to left (L) or right (R). Adjust respective mirror by tilting the four-way control.

In position 0 no mirror is selected.

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.

Electric folding

Turn control to 0, then push the control down. Both exterior mirrors will fold.
Push the control down again - both exterior mirrors return to their original position.
If an electrically folded mirror is manually extended, pressing down the control will only electrically extend the other mirror.
Heated mirrors

Operated by pressing [ ].
Heating works with the engine running and is switched off automatically after a short time.

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

Heat-reflecting windscreen
The heat-reflecting windscreen has a coating which reflects solar radiation. Also data signals, e.g. from toll stations, might be reflected.

Windscreen stickers
Do not attach stickers such as toll road stickers or similar on the windscreen in the area of the interior mirror. Otherwise the detection zone of the sensor and the view area of the camera 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 door windows can be opened or closed with the window cranks.

Power windows

⚠️ Warning
Take care when operating the power windows. Risk of injury, particularly to children.
If there are children on the rear seats, switch on the child safety system for the power windows.
Keep a close watch on the windows when closing them. Ensure that nothing becomes trapped in them as they move.

Switch on ignition to operate power windows. Retained power off ▲ 199.
Keys, doors and windows

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

Pushing or pulling gently to the first detent: window moves up or down as long as the switch is operated.

Pushing or pulling firmly to the second detent and then releasing: window moves up or down automatically with safety function enabled. To stop movement, operate the switch once more in the same direction.

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 to the first detent and hold. The window moves up without safety function enabled. To stop movement, release the switch.

Child safety system for rear windows

Press ⚠️ to deactivate rear door power windows, the LED illuminates. To activate, press ⚠️ again.

Operating windows from outside

The windows can be operated remotely from outside the vehicle.
Press and hold  to open windows. Press and hold  to close windows. Release button to stop window movement. If the windows are fully opened or closed, the hazard warning lights will flash twice.

**Overload**

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

---

**Initialising the power windows**

If the windows cannot be closed automatically (e.g. after disconnecting the vehicle battery), a warning message is displayed in the Driver Information Centre.

Vehicle messages 122.

Activate the window electronics as follows:

1. Close doors.
2. Switch on ignition.
3. Pull switch until the window is closed and keep pulling for additional two seconds.
4. Repeat for each window.

---

**Heated rear window**

Operated by pressing  .

Heating works with the engine running and is switched off automatically after a short time.

Depending on the engine type, the heated rear window comes on automatically when the exhaust filter is being cleaned.

---

**Sun visors**

The sun visors can be folded down or swivelled to the side to prevent dazzling.
The cover of the mirrors should be closed when driving.
A ticket holder is located on the backside of the sun visor.

**Roller blinds**

To reduce sunlight at the second row seats, pull the blind upwards using the grip and engage it at the top of the door frame.

**Roof**

**Glass panel**

**Panorama roof**

Pull the slider to open the cover of the panorama roof.
Push the slider to cover the panorama roof.

**Sunblind**

The sunblind above the rear seats is electrically operated.

Press \[ \text{G} \] or \[ \text{H} \] gently to the first detent: the sunblind is opened or closed as long as the switch is operated.
Press \[ \text{G} \] or \[ \text{H} \] firmly to the second detent and then release: the sunblind is opened or closed automatically. To stop movement, operate the switch once more.
Safety function
If the sunblind encounters resistance during automatic closing, it is immediately stopped and opened again.

Function standby
In ignition switch position 1 the sunblind is operational $198$.

Initialising after a power failure
After a power failure, it may only be possible to operate the sunblind to a limited extent. Initialise the system as follows:

1. Turn key in ignition switch to position 1.
2. Press $G$ (open) twice gently to the first detent, the sunblind opens slightly.
3. Immediately press $H$ (close) twice gently to the first detent, the sunblind closes slightly.

After step 3 the sunblind is in initialising mode without safety function.

4. Press $G$ (open) gently to the first detent until the sunblind is completely opened.
5. Press $H$ (close) gently to the first detent until the sunblind is completely closed.

After this procedure, the sunblind is initialised with safety function activated.
When $G$ or $H$ is pressed firmly to the second detent during initialising, the procedure is cancelled.
Seats, restraints

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---

Head restraints

Position

⚠️ Warning

Only drive with the head restraint set to the proper position.

Adjustment

Head restraints on front seats

Height adjustment
Press release button, adjust height, engage.

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.
Horizontal adjustment

To adjust horizontally, pull the head restraint forwards. It engages in several positions.
To return to its rearmost position, pull fully forwards and release.

Head restraints on rear seats

Height adjustment
Pull the head restraint upwards or press the catch to release and push the head restraint downwards.

Removal
Press both catches, pull the head restraint upwards and remove.

Active head restraints
In the event of a rear-end impact, the front parts of the active head restraints are moved slightly forwards. Thus the head is supported so that the risk of whiplash injury is reduced.

Note
Approved accessories may only be attached if the seat is not in use.
Front seats

Seat position

⚠️ Warning
Only drive with the seat correctly adjusted.

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

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

⚠️ Warning
Never store any objects under the seats.

- 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 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 are on the backrest.
- Adjust the steering wheel ⧧ 97.
- Adjust the head restraint ⧧ 36.
- Adjust the height of the seat belt ⧧ 51.
- Adjust the thigh support so that there is a space approx. two fingers wide between the edge of the seat and the hollow of the knee.
- Adjust the lumbar support so that it supports the natural shape of the spine.
**Manual 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**

Pull lever, adjust inclination and release lever. Allow the backrest to engage audibly.

**Seat height**

Lever pumping motion
up : seat higher
down : seat lower
40 Seats, restraints

Seat inclination

Lever pumping motion
up : front end higher
down : front end lower

Lumbar support

Adjust lumbar support using the four-way switch to suit personal requirements.
Moving support up and down: push switch up or down.
Increasing and decreasing support: push switch forwards or backwards.

Adjustable thigh support

Pull the lever and slide the thigh support.
Power seat adjustment

⚠️ Warning

Care must be taken when operating the power seats. There is a risk of injury, particularly for children. Objects could become trapped.

Keep a close watch on the seats when adjusting them. Vehicle passengers should be informed accordingly.

Longitudinal adjustment

Move switch forwards/backwards.

Seat height

Move switch upwards/downwards.

Seat inclination

Turn switch forwards/backwards.

Backrest inclination

Move front of switch upwards/downwards.
Lumbar support

Adjust lumbar support using the four-way switch to suit personal requirements.
Moving support up and down: push switch up or down.
Increasing and decreasing support: push switch forwards or backwards.

Adjustable thigh support

Pull the lever and slide the thigh support.

Overload
If the seat setting is electrically overloaded, the power supply is automatically cut-off for a short time.

Armrest

Base armrest
The armrest can be slid forwards.
FlexConsole armrest

The armrest can be moved in a centre console. Pull the handle to slide the armrest.

There are two storages, a storage drawer and a movable cupholder in the armrest console.

Armrest storage ➔ 69.

Removing the armrest

Flex console armrest can be removed.

Press fastenings inward and fold down locking mechanism at the rear end of the armrest.

Pull the handle in front of the armrest and slide armrest rearwards out of the console.

Installation in reverse order.

Heating

Adjust heating to the desired setting by pressing 📌 for the respective seat one or more times. The control indicator in the button indicates the setting.

Prolonged use of the highest setting for people with sensitive skin is not recommended.
Seat heating is operational when engine is running and during an Autostop.
Stop-start system 201.

Rear seats

Second row seats

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
</table>
| When seats or backrests of second and third seat row are being adjusted or folded, keep hands and feet away from the moving area. 
Never store objects under the seats. 
Never adjust seats while driving as they could move uncontrollably. 
Drive only with engaged seats and backrests. |

Base seats

Seat positioning
Each seat of the second seat row can be individually moved forward or backward.

Pull handle, slide seat, release handle and allow seat to engage. The seats can be engaged in intermediate positions.

Seat backrests
The backrest inclination of each seat can be individually adjusted in three positions.
Pull the loop, adjust inclination, release strap and allow backrest to engage.

**Warning**
Use vertical position of the backrest only for increased luggage volume and not as seating position.

Load compartment, folding down the backrests 79.

**Easy entry function**
To permit an easy entrance to the seats of the third row, the outer seats of the second row can be tilted.

Pull release lever, fold backrest and move the seat to the front.

**Folding back easy entry**
First move seat to desired position and then raise backrest.

**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 hard braking or a collision.

**Lounge seats**
Two types of use are possible:

Normal seats, all three seats are usable and individually adjustable.
Lounge seats, only outer seats are usable but with most comfortable adjustment.

**Seat positioning**

In normal position, the three seats of the second seat row can be individually moved in longitudinal direction.
Pull handle under the seat, slide seat, release handle and allow seat to engage.
In lounge position, the outer seats are additionally movable in transverse direction when the centre seat backrest is folded to an armrest. The seats can be engaged in intermediate positions.

**Change from normal seat position to lounge seat position**

- Push down head restraint of centre seat by pressing the catch 36.
- Fold down the centre backrest by pulling the loop.
- Push the left and right buttons near the centre head restraint and fold in the outer backrest parts, to be used as an armrest. Engage backrest parts in armrest position.
- Pull the handle under each outer seat and slide seats backwards. In the rear area the seats move in transverse direction. Allow seat to engage.

This is the most comfortable seating position for the outer seats.

**Caution**

With seats in lounge position:

- Do not use easy entry function 44.
- Do not fold down backrests of the outer seats.
- Do not fold up centre backrest.
- Do not fold up or down the seats in the third row 48.

This would damage the seats.
**Warning**

Move seats only to lounge position if seats in the third row are not occupied.

**Change from lounge seat position to normal seat position**

- Pull the handle under each outer seat and slide seats to forward position.

- Push the left and right buttons near the centre head restraint and fold back both armrest parts to the centre backrest.
- Fold up centre backrest. Adjust position by pulling the strap.

**Caution**

Before folding up the centre seat backrest make sure that the armrest parts are folded down.

Ensure that all positions are engaged correctly.

**Seat backrests**

The backrest inclination can be individually adjusted to three positions.

Pull the loop, adjust inclination, release strap and allow backrest to engage.

**Warning**

Use vertical position of the backrest only for increased luggage volume and not as seating position.

Load compartment, folding down the backrests  79.
Easy entry function
To permit an easy entrance to the seats of the third row, the outer seats of the second row can be tilted.
Pull release lever, fold backrest and move the seat towards the front.

Folding back easy entry
First move seat to desired position and then raise backrest.

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.

Third row seats

Warning
When seats or backrests of second and third seat row are being adjusted or folded, keep hands and feet away from the moving area.
Never store objects under the seats.
Never adjust seats while driving as they could move uncontrollably.
Drive only with engaged seats and backrests.

Caution
With seats in lounge position:
- Do not use easy entry function.
- Do not pull strap to adjust backrest inclination.
This would damage the seats.

Caution
Before setting up or folding down seats, all components must be removed from the side rails and from the lashing eyes.
Lashing eyes must be in stored position.

The seats in the third row can be folded down to the vehicle floor if they are not required, or for increasing the size of the load compartment.
The seats in the third row can only be used if the second seat row is not in the lounge position.
Setting up the seats

- Fold in interior protection mat 83 and remove load compartment cover 81.

- Insert the latch plate of the seat belt on each side into the pocket that is mounted at the belt.

Pull up the seat by the upper loop, fold out and allow seat to engage in upright position.

Folding down the seats in the vehicle floor

- Push down head restraint by pressing the catch 36.
- Insert the latch plate of the seat belt on each side into the pocket that is mounted at the belt.

- Pull the lower loop, simultaneously swing the backrest forwards until the seat is lowered into the vehicle floor.
- Install the interior protection mat 83 and load compartment cover 81.
Seat belts

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

Seat belts are designed to be used by only one person at a time. Child restraint system 60.

Periodically check all parts of the belt system for damage, soiling 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 front seats by control indicator X in the tachometer 111, or for rear seats by symbols X or > in the Driver Information Centre 117.

Belt force limiters
On the front seats, stress on the body is reduced by the gradual release of the belt during a collision.

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

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 X 111.

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 pretensioners. Do not make any modifications to belt pretensioner components as this will invalidate the operating permit of your vehicle.
Three-point seat belt

Fasten

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 whilst driving by pulling the shoulder belt.

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.

⚠️ Warning

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

Seat belt reminder 🛎️, 🛎️ 111, 🛎️ 117

Height adjustment

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

**Unfasten**

To release belt, press red button on belt buckle.

**Centre seat belt of the second seat row**

The centre seat is equipped with a particular three-point seat belt. Pull latch plates with the belt out of belt holder in the roof.

Remove lower latch plate from retainer and click it into left-hand buckle (1) at the centre seat. Guide the upper latch plate with the belt over the lap area and the shoulder (do not twist) and click into right-hand buckle (2) at centre seat.

To unfasten the seat belt, first press the button on the right-hand buckle (2) and remove upper latch plate. Then press the button on the left-hand buckle (1) and remove lower latch plate. The seat belt retracts automatically.
Push the top latch plate into the retainer. Fold over locked together latch plates against the seat belt.

Insert in the seat belt holder in the roof with the lower latch plate pointing forward.

**Seat belts on the third seat row**

The seat belts on the third seat row are equipped with three point seat belts.

When seat belts are not used or when folding the seats, insert the latch plate of the seat belt on each side into the pocket that is mounted at the belt.

If the centre seat of the second seat row is occupied and the seat belt is fastened, only persons with a body height up to max. 150 cm are allowed to use the left seat of the third seat row.

There is a warning label on the rear side of the centre belt, when it is pulled out, to inform the passenger on the left seat of the third seat row.

**Using seat belts while pregnant**

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>The lap belt must be positioned as low as possible across the pelvis to prevent pressure on the abdomen.</td>
</tr>
</tbody>
</table>
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

The airbag system deploys in an explosive manner, repairs must be performed by skilled personnel only.

⚠️ Warning

Adding accessories that change the vehicle’s frame, bumper system, height, front end or side sheet metal, may keep the airbag system from working properly. The operation of the airbag system can also be affected by changing any parts of the front seats, seat belts, airbag sensing and diagnostic module, steering wheel, instrument panel, inner door seals including the speakers, any of the airbag modules, ceiling or pillar trim, front sensors, side impact sensors or airbag wiring.

⚠️ 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. Have damaged covers replaced by a workshop.

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 operating permit.

Control indicator 🛡️ for airbag systems ⬤ 111.

Child restraint systems on front passenger seat with airbag systems

Warning according to ECE R94.02:

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 LIVSFARL 열 SKADE eller komme ALVORLIGT TIL SKADE.

SV: Använd ALDRIG en bakåtvänd barnstol på ett särte 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 TURVATYYNYN, LAPSIT VOI KUOLLA tai VAMMAUTUA VAKAVASTI.

NO: Bakovervendt barnesikringsutstyr 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 tylem do kierunku jazdy na fotelu, przed którym znajduje się WŁĄCZONA PODUSZKA POWIETRZNA. Niezastosowanie się do tego zalecenia może być przyczyną ŚMIERCI lub POWAŻNYCH OBRAŻEŃ u DZIECKA.
Seats, restraints

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

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

HU: SOHA ne használjon hátrafelé néző biztonsági gyerekülést előlről az 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 AKTIVNO VOZDUŠNO PERNICHE pred него, zašto što deteto može DA ZAGINE ili da se TEŠKO POVREDI.

MK: НИКОГАШ не користете детско седиште своеречно 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 СЪРЦЕВИ или СЕРЬОЗНО НАРАНЯВАНЕ на ДЕТЕТО.

RO: Nu utilizați NICIODATĂ un scaun pentru copil 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 VĂTĂMAREA GRAVĂ a COPIILULUI.

CS: NIKDY nepoužívejte dětský zádržný systém instalovaný proti směru jízdy na sedadle, které je chráněno před sedadlem AKTIVNÍM AIRBAGEM. Mohlo by dojít k VÁŽNÉMU PORANĚNÍ nebo ÚMRTÍ DÍTĚTE.

SK: NIKDY nepoužívajte detskú sedačku otočenú otočenú vzad na sedadle chránenom AKTÍVNYM AIRBAGOM, pretože môže dôjsť k SMRTI alebo VÁŽNYM ZRANENIAM DIEŤAŤA.

LT: JOKIU BŪDU nemontuokite atgal atgręžtos vaiko tvirtinimo sistemos sėdėjimui, prieš kuria įrengta AKTYVI ORO PAGALVĖ, nes VAIKAS GALI ŽŪTI arba RIMTAI SUSIŽALOTI.

LV: NEKĀDĀ GADĪJUMĀ neizmantojiet uz aizmuguri vērstu bērnu sēdeklīti sēdvietā, kas tiek aizsargāta ar tās priekša uzstādītu AKTĪVU DROŠĪBAS SPILVENU, jo pretējā gadījumā BĒRNS var gūt SMAGAS TRAUMAS vai IET BOJĀ.
The airbag label is located on both sides of the front passenger sun visor. Airbag deactivation ▶ 59.

### 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. These can be identified by the word **AIRBAG**.

The front airbag system is triggered in the event of a front-end 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 upper body and head of the front seat occupants considerably.

<table>
<thead>
<tr>
<th>△ Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optimum protection is only provided when the seat is in the proper position.</td>
</tr>
<tr>
<td>Seat position ▶ 38.</td>
</tr>
<tr>
<td>Keep the area in which the airbag inflates clear of obstructions.</td>
</tr>
<tr>
<td>Fit the seat belt correctly and engage securely. Only then is the airbag able to protect.</td>
</tr>
</tbody>
</table>

---

**Danger**

Do not use a child restraint system on the passenger seat with active front airbag.

---

**ET:** ÄRGE kasutage tahapoole suunatud lapseturvaistet istmel, mille ees on AKTIIVSE TURVAPADJAGA kaitstud iste, sest see võib põhjustada LAPSE SURMA või TÖSISE VIGASTUSE.

**MT:** QATT tuża trażżin għat-tfal li jħares lejn in-naħa ta' wara fuq sit protett b'AIRBAG ATTIV quddiemu; dan jista' jikkawża l-MEWT jew ĠRIEĦI SERJI lit-TFAL.

**GA:** Ná húsáid srian sábhálteachta linbh cúil RIAMH ar shuíochán a bhfuil mála aeir ag feidhmiú os a chomhair. Tá baol BÁIS nó GORTÚ DONA don PHÁISTE ag baint leis.

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 table ▶ 63.
Side airbag system

The side airbag system consists of an airbag in each front seat backrest. This can be 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.

The inflated airbags cushion the impact, thereby reducing the risk of injury to the upper body and pelvis in the event of a side-on collision considerably.

⚠️ 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. This can be 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.

The curtain airbag system does not protect passengers on the third seat row.
### 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 has to be deactivated if a child restraint system is to be fitted on this seat. The side airbag and curtain airbag systems, the belt pretensioners and all driver airbag systems will remain active.

The front passenger airbag system can be deactivated via a key-operated switch on the passenger side of the instrument panel.

Use the ignition key to choose the 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. A child restraint system can be installed in accordance with the chart Child restraint installation locations. No adult person is allowed to occupy the front passenger seat ON:
- **ON**: front passenger airbag is active. A child restraint system must not be installed

### Danger

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

Risk of fatal injury for an adult person on a seat with deactivated front passenger airbag.
If the control indicator ON \(\textcircled{1}\) illuminates for approx. 60 seconds after the ignition is switched on, the front passenger airbag system will inflate in the event of a collision.

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.

---

### Child restraints

#### Child restraint systems

**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 \(\textcircled{63}\).

Airbag deactivation \(\textcircled{59}\), Airbag label \(\textcircled{54}\).

We recommend a child restraint system which is tailored specifically to the vehicle. For further information, contact your workshop.

Before fastening a child seat adjust the head restraint to use position \(\textcircled{36}\).
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.

Always comply with local or national regulations. In some countries, the use of child restraint systems is forbidden on certain seats.

Child restraint systems can be fastened with:
- Three-point seat belt
- ISOFIX brackets
- Top-tether

**Three-point seat belt**

Child restraint systems can be fastened by using a three-point seat belt. Depending on the size of the used child restraint systems, up to two child restraint systems can be attached to the outboard seats in the second row and on the seats in the third row. After fastening the child restraint system the seat belt has to be tightened 63.

**ISOFIX brackets**

Fasten vehicle-approved ISOFIX child restraint systems to the ISOFIX brackets. Specific vehicle ISOFIX child restraint system positions are marked in the ISOFIX table 63. ISOFIX brackets are indicated by a label on the backrest.

When using ISOFIX fastened child restraint systems on the second seat row, we recommend to adjust the accordant outer seat in third notch from rear end position, regarding to base seats. Lounge seat, if equipped, must be in normal position 44.

An i-size child restraint system is an universal ISOFIX child restraint system according UN Regulation No. 129.

All i-size child restraint systems can be used on any vehicle seat suitable for i-size, i-size table 63.

Either a Top-tether strap or a support leg must be used in addition to the ISOFIX brackets.
i-size child seats and vehicle seats with i-size approval are marked with i-size symbol, see illustration.

**Top-tether anchors**

Top-tether anchors are marked with the symbol 💍 for a child seat.

In addition to the ISOFIX brackets, fasten the Top-tether strap to the Top-tether anchors.

**ISOFIX child restraint systems of universal category positions are marked in the table by IUF 💥 63.**

**Selecting the right system**

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 makes sure that the child's backbone, which is still very weak, is under less strain in the event of an accident.

Suitable are child restraint systems that comply with valid UN ECE regulations. Check local laws and regulations for mandatory use of child restraint systems.

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

Maxi Cosi Cabriofix for children up to 13 kg for group 0, group 0+ and Duo Plus for children from 13 kg to 18 kg in group I.

Ensure that the child restraint system to be installed is compatible with the vehicle type.

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.

**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 class</th>
<th>On front passenger seat</th>
<th>On outboard seats in the second row</th>
<th>On centre seat in the second row</th>
<th>On seats in the third row</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 0: up to 10 kg</td>
<td>X</td>
<td>U(^{1,2})</td>
<td>U/L(^3)</td>
<td>X</td>
</tr>
<tr>
<td>Group 0+: up to 13 kg</td>
<td>X</td>
<td>U(^{1,2})</td>
<td>U/L(^3)</td>
<td>X</td>
</tr>
<tr>
<td>Group I: 9 to 18 kg</td>
<td>X</td>
<td>U(^{1,2})</td>
<td>U/L(^{3,4})</td>
<td>X</td>
</tr>
<tr>
<td>Group II: 15 to 25 kg</td>
<td>X</td>
<td>X</td>
<td>U/L(^{3,4})</td>
<td>X</td>
</tr>
<tr>
<td>Group III: 22 to 36 kg</td>
<td>X</td>
<td>X</td>
<td>U/L(^{3,4})</td>
<td>X</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
1: move seat forwards as far as necessary and adjust seat backrest as far as necessary to a vertical position to ensure that the belt runs forwards from the upper anchorage point
2: move seat upwards as far as necessary and adjust seat backrest 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 headrest as necessary or remove if required
## Permissible options for fitting an ISOFIX child restraint system with ISOFIX brackets

This table relates to all ISOFIX child restraint systems

<table>
<thead>
<tr>
<th>Weight class</th>
<th>Size class</th>
<th>Fixture</th>
<th>On front passenger seat</th>
<th>On outboard seats in the second row</th>
<th>On centre seat in the second row</th>
<th>On the seats in the third row</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 0: up to 10 kg</td>
<td>G</td>
<td>ISO/L2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>F</td>
<td>ISO/L1</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>E</td>
<td>ISO/R1</td>
<td>X</td>
<td>IL³</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Group 0+: up to 13 kg</td>
<td>E</td>
<td>ISO/R1</td>
<td>X</td>
<td>IL³</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>D</td>
<td>ISO/R2</td>
<td>X</td>
<td>IL³</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>C</td>
<td>ISO/R3</td>
<td>X</td>
<td>IL³</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Group I: 9 to 18 kg</td>
<td>D</td>
<td>ISO/R2</td>
<td>X</td>
<td>IL³,4</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>C</td>
<td>ISO/R3</td>
<td>X</td>
<td>IL³,4</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>B</td>
<td>ISO/F2</td>
<td>X</td>
<td>IL, IUF³,4</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>B1</td>
<td>ISO/F2X</td>
<td>X</td>
<td>IL, IUF³,4</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>ISO/F3</td>
<td>X</td>
<td>IL, IUF³,4</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Group II: 15 to 25 kg</td>
<td>X</td>
<td>IL³,4</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group III: 22 to 36 kg</td>
<td>X</td>
<td>IL³,4</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
IL : suitable for particular ISOFIX restraint systems of the 'specific-vehicle', 'restricted' or 'semi-universal' categories. 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
X : no ISOFIX child restraint system approved in this weight class

1 : move seat forwards as far as necessary and adjust seat backrest as far as necessary to a vertical position to ensure that the belt runs forwards from the upper anchorage point
2 : move seat upwards as far as necessary and adjust seat backrest 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 headrest as necessary or remove if required

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.

Permissible options for fitting an i-Size child restraint system with ISOFIX brackets

<table>
<thead>
<tr>
<th></th>
<th>On front passenger seat</th>
<th>On outboard seats in the second row</th>
<th>On centre seat in the second row</th>
<th>On the seats in the third row</th>
</tr>
</thead>
<tbody>
<tr>
<td>i-Size child restraint systems</td>
<td>activated airbag</td>
<td>deactivated airbag</td>
<td>i - U</td>
<td>X</td>
</tr>
</tbody>
</table>

i - U : suitable for i-Size 'universal' forward and rearward facing child restraint systems
X : seating position not suitable for i-Size 'universal' child restraint systems
Storage

**Storage compartments**

- Glovebox ................................... 66
- Cupholders ................................ 66
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- Overhead console ...................... 68
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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**

To open the glovebox pull the handle. The glovebox features an adapter for the locking wheel nuts. The glovebox should be closed whilst driving.

**Cupholders**

**Front cupholder**

Cupholders are located in the centre console between the front seats.
Slidable cupholder in FlexConsole armrest

The cupholder can be moved in guide rails in the FlexConsole armrest or completely removed.

Push the handle in front of cupholder to slide.
Armrest 42.

Remove cupholder

Pull the handle in front of cupholder and remove it vertically out of the console.
Installation in reverse order.

Note
Install the cupholder in the direction as shown in the illustration.
Otherwise the cupholder may not engage properly.

Rear cupholder

Additional cupholder are located between the seats in the third row.

Bottleholder

The door pockets of front and rear doors are designed to carry bottles.
Front storage

A storage compartment is located next to the steering wheel.

Door panel storage
On front door trim there are small pockets for e.g. mobile phones.

Overhead console

Press button to open storage box. The box may be loaded with max. 0.2 kg.

Underseat storage

Storage box
There is a storage box under the passenger's seat. Slide the rollo to open or close the box. Maximum load: 1.5 kg.
Underseat drawer
Press button in the recess and pull out drawer. Maximum load: 3 kg. To close, push in and engage.

Armrest storage
Storage in FlexConsole armrest
Press button to open storage compartment in the armrest. Behind the armrest there is another storage compartment. Slide the lid to open.

Centre console storage
Centre console
The storage container can be used to store small items. Slide cover backwards to open.
Rear console

At the rear side of the FlexConsole there is a storage drawer. Pull out to open.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not use for ashes or for other glowing items.</td>
</tr>
</tbody>
</table>

Rear carrier system

Rear carrier system for four bicycles

The rear carrier system (Flex-Fix system) allows two bicycles to be attached to an extendable carrier integrated into the vehicle floor. It is possible to attach two further bicycles on an adapter. The transportation of other objects is not permitted.

The maximum load of the rear carrier system is 80 kg with attached adapter and 60 kg without attached adapter. The maximum load per bicycle on the rear carrier system is 30 kg. This allows the attachment of electrically-powered bicycles to the rear carrier system. The maximum load per bicycle on the adapter is 20 kg.

The wheelbase of a bicycle must not exceed 1.15 metres. Otherwise the secure fastening of a bicycle is not possible.

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

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

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>If the rear carrier system is extended and the vehicle is fully loaded, the chassis clearance will be reduced.</td>
</tr>
<tr>
<td>Drive carefully whenever the road has a steep inclination or when driving over a ramp, bump, etc.</td>
</tr>
</tbody>
</table>
Caution
Consult your bicycle dealer before attaching bicycles with carbon frames. The bicycles might get damaged.

Note
The tail lights of the vehicle will be deactivated if the tail lights of the rear carrier system are installed.

Extending
Open the tailgate.

⚠️ Warning
No-one should be in the extension zone of the rear carrier system, risk of injury.

Pull release lever up. The rear carrier system disengages and travels quickly out of the rear 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.
Unfold number plate holder

Lift the number plate holder and fold it backwards.

Fold out tail lamps

Fold out both tail lamps.

Lock the rear carrier system

Swivel both clamping levers sideways as far as they will go.
Otherwise safe functionality is not guaranteed.

Fold out wheel recesses

Fold out both wheel recesses.

Assembling the bicycle rack
Storage

Lift the rack at the rear (1) and pull it backwards.
Fold up the rack (2).

Push down the rack (1) and turn handle (2) backwards to engage.

Attaching the first bicycle

1. Rotate the pedals into position as shown in the illustration and put the bicycle on the foremost wheel recess.
   Make sure that the bicycle stands centrally on the wheel recesses.

2. Attach the short mounting bracket to the bicycle frame. Turn the knob clockwise to fasten.
3. Secure both bicycle wheels to the wheel recesses using the strap retainers.
4. Check the bicycle to make sure it is secure.

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

**Attaching the adapter**
When carrying more than two bicycles, the adapter must be fixed before the second bicycle is attached.

1. Attach the adapter to the rear carrier system as shown in the illustration.
2. Turn the lever (1) forwards and hold, then lower the adapter (2) at the rear.
3. Release lever and check that the adapter is engaged securely.
4. Guide the strap attached to the adapter underneath the lever to fold back the rear carrier system. Fasten the strap.

**Attaching further bicycles**
The attachment of further bicycles is similar to the attachment of the first bicycle. Additionally some steps must be considered:

1. Before putting on the bicycle, always unfold the wheel recesses for the next bicycle, if necessary.
2. Always rotate the pedals into an appropriate position before putting on the bicycle.
3. Position the bicycles on the rear carrier system alternately aligned to the left and to the right.

4. Align the bicycles to the one attached before. The wheel hubs of the bicycles must not touch each other.

5. Attach the bicycles with mounting brackets and strap retainers as described for the first bicycle. The mounting brackets should be fixed in parallel.

   Use the long mounting bracket to attach the second bicycle to the rack.

6. Additionally secure both bicycle wheels of the fourth bicycle to the wheel recesses using the tensioning straps.

   Use the short accessory mounting bracket to attach the fourth bicycle. The bracket must be fixed between the frames of the third and fourth bicycle.

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

**Fold the rear carrier system backwards**

The rear carrier system can be folded backwards to gain access to the load compartment.
• Without attached adapter:

Push the lever (1) to disengage and hold.
Pull the rack (2) backwards to fold the rear carrier system.

• With attached adapter:

**Warning**
Take care when disengaging the rear carrier system as it will tilt backwards. Risk of injury.

![Diagram of bicycle storage system](image)

Hold frame (1) of rearmost bicycle with one hand and pull the loop (2) to disengage.

Hold rearmost bicycle with both hands and fold the rear carrier system backwards.

To increase visibility, the tail lights of the vehicle are activated when the rear carrier system is folded back.

**Warning**
When folding the rear carrier system forwards again, take care that the system is engaged securely.

**Removing bicycles**
Undo strap retainers on bicycle tyres.
Turn knob anti-clockwise and remove mounting brackets.

**Detaching adapter**
Detach the adapter before removing the last bicycle remaining on the rear carrier system.

1. Fold in wheel recesses.
2. Unbutton the strap.
3. Turn the lever (1) forwards and hold.

4. Lift the adapter (2) at the rear and remove.

Disassembling the bicycle rack

Arrange mounting brackets as shown in the illustration.

Turn handle (1) forwards to disengage and lift the rack (2).

Fold the rack backwards, then push forwards until it stops (1). Press the rack down at the rear (2).

Fold in wheel recesses
Fold in both wheel recesses.
Stow the strap retainers accurately.

Unlock the rear carrier system

Swivel both clamping levers inwards as far as they will go.

Fold in tail lamps
Swivel in both tail lamps.

Fold in number plate holder
Lift the number plate holder and fold it forwards.

Fold in number plate holder
Lift the number plate holder and fold it forwards.

Retracting the rear carrier system

Caution
Take care that all foldable parts, e.g. wheel recesses and mounting brackets, are stowed accurately. Otherwise the rear carrier system might get damaged when trying to retract it.

Push the release lever up and hold. Lift the rear carrier 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**

The seats in the third row can be folded down separately into the vehicle floor. The seat backrests of the second row can be folded forward separately. Additionally, the backrest of the passenger seat can be folded. A completely flat load bay is created if all rear seats and backrests and passenger backrest are folded down. Depending on the loading, only single seats or backrests can be folded. Rear floor storage cover 83.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before setting up or folding down seats, all components must be removed from the side rails and from the lashing eyes. Lashing eyes must be in stored position.</td>
</tr>
</tbody>
</table>

**Warning**

When seats or backrests are being adjusted or folded, keep hands and feet away from the moving area.

Never store objects under the seats.

Drive only with engaged seats and backrests.

**Folding down the seats of the third row**

- Push down head restraint by pressing the catch 36.

- Insert the latch plate of the seat belt on each side into the pocket that is mounted at the belt.
• Pull the lower loop and simultaneously swing the backrest forwards until the seat is lowered into the vehicle floor.
• Install interior floor mat 83 and load compartment cover 81 if necessary.

**Setting up the seats**
Pull up the seat by the upper loop, fold out and allow seat to engage in upright position.

**Folding the seat backrests of the second row**
• Remove the load compartment cover if necessary 81.
• Push down head restraints by pressing the catch 36.
• Move front passenger seat to a position that avoids contact with the head restraints of the folded backrests.

**Caution**
• Do not fold the outer seatbacks while the seats are in the lounge seat position 44.
• Do not pull release lever of the easy entry function when the backrest is folded down. The seats could be damaged.

• Alternatively pull the loop and adjust backrest to vertical position as cargo position.

**Warning**
Use vertical position of the backrest only for increased luggage volume and not as a seating position.

**Folding up backrest**
Raise backrest to vertical position. Adjust inclination by pulling the loop. Ensure that all positions are engaged correctly.
**Warning**

Only drive the vehicle if 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 heavy braking or a collision.

---

**Rear storage**

On both sides of the load compartment there are storage shelves.

To open, release cover in side trim panel and remove.

---

**Floor storage**

On version without third seat row, there are storage boxes under the floor cover. Lift up the cover to open.

---

**Load compartment cover**

Do not place any heavy or sharp-edged objects on the load compartment cover.

---

Before operating the load compartment cover, insert the latch plate of the seat belt on each side into the pocket that is mounted at the belt.
Closing

Pull the load compartment cover towards the rear using the handle and engage it in the retainers at the sides.

Opening

Remove load compartment cover from side brackets. Hold the handle and guide the load compartment cover until it is fully rolled up.

Removing

Open the load compartment cover. Pull the release lever up and hold. Lift load compartment cover on right side and remove from retainers.

Stowing in the load compartment

If the load compartment cover is not used, stow it in the storage in the vehicle floor.
Open the cover of the storage in front of the tailgate.
Remove the load compartment cover and turn it so that the release lever is directed to the left.
Place the housing so that the upper side is facing to the front and the part with the handle points upwards.

Insert the load compartment cover into the opening on the right side of the storage (1) and turn it until the handle rests flat on the housing (2).

Fasten the load compartment cover in the storage with the Velcro tape.

**Installing**

Insert the left side of the load compartment cover into the recess, pull the release lever up and hold, insert the right side of the load compartment cover and engage.

**Rear floor storage cover**

**Floor cover**

On versions without third seat row, there are storage boxes under the floor cover. To open lift up the cover and fold it upright behind rear seats.

**Interior protection mat**

Interior protection mat is a covering and protection feature for the load compartment, to be used when all or single seats/backrests are folded down.
By folding and expanding the mat there are a range of individual applications possible.

The interior protection mat is available in two versions:

- **Standard protection mat** covers the area between tailgate and second seat row, when third row is complete or if one seat is folded down.

- **Flex cover interior protection mat** is double size of standard protection mat, connected by a zipper. It covers the load compartment fully, when all or single seats of third and second row are folded down.

Protection mat is foldable longitudinally in 4 parts (standard) or 8 parts (Flex cover) with a central zipper and transversely foldable in 4 parts.

Following only a few examples of using the mats are described. Before folding and expanding the mat, all components must be removed from the side rails and from the lashing eyes. Lashing eyes must be in stored position.

**Covering the load compartment between tailgate and second seat row** possible with both **Standard protection mat** or **Flex cover interior protection mat** being folded at the zipper to half size (double layer).

**Mat is located fourfold flapped behind the raised up seats of the third row.**

- Fold down third row seats.
• Expand the parts of the folded mat, so that first part is raised up at second row backrest.

• When folding down second row backrests, the mat expands automatically and covers the space between both seat rows.

• To allow one seat in the third row to be raised up, fold mat in half lengthways.

• Pull out the mat a little to protect load compartment sill when loading heavy objects. Raise up the overlying part of the mat before closing the tailgate.

Covering the load compartment up to the backrests of the front seats
Only possible with Flex cover interior protection mat being folded at the zipper to half size (double layer).
Mat is expanded up to the second row seats, as described previously.

• Fold down second row backrests.

• Expand the upper parts of the double layer mat, so that the load compartment is fully covered. The first part of the mat is now raised up at the backrests of front seats.

• Fold the overlying rear part under the mat before closing the tailgate.

Covering the load compartment partially
Only possible with Flex cover interior protection mat being folded at the zipper to half size (double layer).

e.g. left outer backrest is not folded down
Mat is expanded up to the second row seats, as described in first section.

• Fold down the backrests that shall be covered.
• Open the zipper behind the raised up backrest.
• Pull out the mat until the first part is flat on the load compartment floor.
• Raise up lengthways the part that is opened by the zipper, and fold it to the centre.

• Expand the upper part of double layer mat over the folded backrests.
• Fold the overlaying rear part under the mat before closing the tailgate.

Proceed in the same way when one outer backrest and the centre backrest are not folded down.

**e.g. only centre backrest is folded down**
Mat is expanded up to the second row seats, as described in first section.
• Fold down centre backrest to be covered.

• Open the zipper from both sides behind the left and right backrest.
• Pull out the mat until the first part is flat on the load compartment floor.
• Raise up lengthways both parts that are opened by the zipper, and fold them to the centre.
● Then expand the small upper part of double layer mat over the centre backrest.
● Fold the overlaying rear part under the mat before closing the tailgate.

The following illustrations show some further examples.

Example for long small objects, e.g. skis.
Example for covering folded backrest on second row and one folded seat on third row.

Example for side cover protection.
Load rails and hooks

Install the hooks in the desired position in the rails: insert the hook in the upper groove on the rail and press in the lower groove.

Lashing eyes

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

Cargo management system

The FlexOrganizer is a flexible system for dividing up the load compartment.

The system consists of:
- adapters
- mesh pockets
- hooks
- variable partition net

The components are fitted in rails on both side panels using adapters and hooks.

Installation of adapters in the rails

Fold open the handle plate, insert the adapter into the upper and lower groove of the rail and move to the required position. Turn the handle plate upwards to lock the adapter. To remove, turn the handle plate down and move out of the rail.
Variable partition net

Insert adapters into the required position in the rails. Stick together the halves of the net rods.
To install, push rods together a little and insert into the relevant openings in the adapters.
To remove, press the net rods together and remove from the adapters.

Net pocket

Insert adapters into the required position in the rails. The net pocket can be suspended from the adapters.

Installation of hooks in the rails

Insert the hook in the desired position first in the upper groove of the rail and then press in the lower groove. To remove, first pull out of the upper groove.
Partitioning net in front of tailgate

Install directly in front of the tailgate. Before installation push in the four end pieces of the net rod by rotating each end piece anticlockwise. To install, push the net rods together and insert into the openings of the tailgate frame. The longer rod must be inserted at the top. To remove, push the net rods together and remove.

Safety net

The safety net can be installed behind the seats of the second row or the front seats. Passengers must not be transported behind the safety net.

Installation behind second row seats

- There are installation openings on both sides in the roof frame above second row seats: suspend and engage rod of net at one side, compress rod and suspend and engage at the other side.
- Attach hooks of safety net straps to front lashing eyes on both sides in the load compartment.
- Tension both straps by pulling at the loose end.

Safety net

The safety net can be installed behind the seats of the second row or the front seats. Passengers must not be transported behind the safety net.

Installation behind second row seats

- There are installation openings on both sides in the roof frame above second row seats: suspend and engage rod of net at one side, compress rod and suspend and engage at the other side.
- Attach hooks of safety net straps to front lashing eyes on both sides in the load compartment.
- Tension both straps by pulling at the loose end.
Installation behind front seats

- There are installation openings on both sides in the roof frame above the front seats: suspend and engage rod of net at one side, compress rod and suspend and engage at the other side.
- Attach hooks of safety net straps to the lashing eyes on both sides in the floor in front of the seats.
- Tension both straps by pulling at the loose end.

Removal

Push button on the tightener to release the strap on both sides. Detach hooks from the eyes. Unhook the safety net rods from the brackets in the roof frame. Roll up the net and secure with a strap.

Stowing

Open the cover of the storage in the load compartment floor in front of the tailgate.
Insert the safety net in the storage and close cover.

**Folding tray**
Located in the front seat backrests.
Open by pulling upwards until it engages.
Fold away by pressing down past the resistance point.
Do not place any heavy objects on the folding tray.

**Warning triangle**
Stow the warning triangle in the storage of the load compartment floor in front of the tailgate.

**First aid kit**
Stow the first aid kit and the high visibility vest under the driver's seat.

Use the straps to fix.
On another version, first aid kit is located in a storage box under the driver’s seat. Slide the rollo to open or close the box.

### 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.

#### Mounting roof rack

**Vehicles with roof railing**

Fasten the roof rack in the area of the holes, indicated by the arrows in the illustration.

**Vehicles without roof railing**

To fasten a roof rack, open the caps in the roof strips. Insert the mounting provisions, as instructed, in the retainer indicated in the illustration.
Loading information

- Heavy objects in the load compartment should be placed against the seat backrests. Ensure the backrests are securely engaged. If objects can be stacked, the heavier objects should be placed at the bottom.
- Secure objects with lashing straps attached to lashing eyes 88.
- Secure loose objects in load compartment to prevent sliding.
- 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.
- 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 car.

- The payload is the difference between the permitted gross vehicle weight (see identification plate 306) 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 for vehicles without roof railing and 100 kg for vehicles with roof railing. The roof load is
the combined weight of the roof rack and the load.
## Instruments and controls

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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

The Infotainment system, some driver assistance systems and a connected mobile phone can be operated via the controls on the steering wheel.

Further information is available in the Infotainment manual.

Driver assistance systems  219.

Heated steering wheel

Activate heating by pressing ⚡. Activation is indicated by the LED in the button.
The recommended 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 201.

**Horn**

Press 📣.

**Windscreen wiper and washer**

**Windscreen wiper**

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<th>Setting</th>
<th>Description</th>
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<td>HI</td>
<td>fast</td>
</tr>
<tr>
<td>LO</td>
<td>slow</td>
</tr>
<tr>
<td>INT</td>
<td>interval wiping or automatic wiping with rain sensor</td>
</tr>
<tr>
<td>OFF</td>
<td>off</td>
</tr>
</tbody>
</table>

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
Adjustable sensitivity of the rain sensor

Wiper lever in position INT. Turn the adjuster wheel to adjust the sensitivity of the rain sensor.

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

After 20 seconds without wiping activity, the wiper arms move slightly down to park position.

Windscreen washer

Keep the sensor free from dust, dirt and ice.

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

Washer fluid 264

Rear window wiper and washer

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

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 Settings menu in the Info-Display. Vehicle personalisation 124.

**Outside temperature**

A drop in temperature is indicated immediately and a rise in temperature after a time delay.
If outside temperature drops to 3 °C, a warning message is displayed in the Driver Information Centre.

<table>
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<tbody>
<tr>
<td>The road surface may already be icy even though the display indicates a few degrees above 0 °C.</td>
</tr>
</tbody>
</table>

**Clock**

Date and time are shown in the Info-Display.

**R 4.0 IntelliLink**

Press ≡ and then select Settings.
Select Time and Date to display the respective submenu.
Instruments and controls

Set Time Format
To select the desired time format, touch the screen buttons 12 h or 24 h.

Set Date Format
To select the desired date format, select Set Date Format and choose between the available options in the submenu.

Auto Set
To choose whether time and date are to be set automatically or manually, select Auto Set.
For time and date to be set automatically, select On - RDS.

For time and date to be set manually, select Off - Manual. If Auto Set is set to Off - Manual, the submenu items Set Time and Set Date become available.

Set time and date
To adjust the time and date settings, select Set Time or Set Date.
Touch + and - to adjust the settings.

Power outlets
A 12 Volt power outlet is located in the front console. Fold the cover downwards.

Further 12 Volt power outlets are located in the rear console and at the left sidewall in the load compartment.
Instruments and controls

Do not exceed the maximum power consumption of 120 watts.

With ignition off, the power outlets are deactivated. Additionally the power outlets are 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  201.

---

Cigarette lighter

The cigarette lighter is located in the front console. Fold the cover downwards.

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

---

Ashtrays

Caution

To be used only for ash and not for combustible rubbish.
Warning lights, gauges and indicators

Instrument cluster
In some versions, the needles of the instruments briefly rotate to the end position when the ignition is switched on.

Speedometer
Indicates vehicle speed.

Odometer
The total recorded distance is displayed 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.
Two trip odometer pages are selectable for different trips.
Select /i\ by pressing Menu on the turn signal lever. Turn adjuster wheel on turn signal lever and select /i\1 or /i\2. Each trip odometer page can be reset separately by pressing SET/CLR on the turn signal lever for a few seconds on the respective menu.
**Instruments and controls**

**Tachometer**

Displays the engine speed.

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

<table>
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<tr>
<td>If the needle is in the red warning zone, the maximum permitted engine speed is exceeded. Engine at risk.</td>
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**Fuel gauge**

Displays the fuel level or gas content (LPG or CNG) in the tank depending on the operation mode.

Number of LEDs displayed shows the level in the respective fuel tank. 8 LEDs means fuel tank is full.

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

**Low fuel indication**

One remaining LED illuminating white indicates that the fuel level is low.

---

If the LED changes to red and ⬇️ illuminates yellow, refuel the tank soon.

If the LED illuminates red and ⬇️ flashes yellow, refuel immediately.

Never run the fuel tank dry.

The arrow indicates the vehicle side where the fuel filler flap is located.

Because of the fuel remaining in the tank, the top-up quantity may be less than the specified tank capacity.

During gas operation, the system automatically switches over to petrol operation when gas tanks are empty ⬇️ 105.
Fuel selector

Natural gas operation, CNG

Pressing \( \text{Y} \) switches between petrol and natural gas operation. Switching is not possible at high loads (e.g. powerful acceleration, driving at full throttle). The LED status shows the current operating mode.

- \( \text{off} \) : natural gas operation
- \( \text{illuminates} \) : petrol operation
- \( \text{flashes} \) : no switching is possible, one type of fuel is empty

As soon as the natural gas tank is empty, petrol operation is automatically engaged until the ignition is switched off.

If the natural gas tank is not refuelled, the system must be manually switched to petrol operation before the engine is restarted. This will prevent damage to the catalytic converter (overheating caused by irregular fuel supply).

If the selector switch is operated several times within a short time, a switchover inhibitor is activated. The engine remains in the current operating mode. The inhibitor remains active until the ignition is switched off.

A slight loss of power and torque can be expected during petrol operation. You must therefore adapt your driving style (e.g. during overtaking manoeuvres) and high vehicle loads (e.g. towing loads) accordingly.

Every six months run the petrol tank down until control indicator \( \text{Y} \) illuminates, then refuel. This is necessary to maintain fuel quality as well as system function necessary for petrol operation.

Fill the tank completely at regular intervals to prevent corrosion in the tank.

Note

Natural gas tanks (Type IV) consist of lightweight fibre reinforced plastic.

After a collision behind the front seats or overrunning of objects which impact the underbody of the vehicle the natural gas tanks must be checked. We recommend an Opel Repairer authorised for servicing natural gas vehicles.

Fuel for natural gas operation \( \Rightarrow 247 \).
Liquid gas operation, LPG

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 approximately 60 seconds (depending on exterior temperature) and the first firm press on the accelerator. The status LED shows the current operating mode.

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>MEANING</th>
</tr>
</thead>
<tbody>
<tr>
<td>off</td>
<td>petrol operation</td>
</tr>
<tr>
<td>flashes</td>
<td>checking conditions for fuel transition to liquid gas operation. Illuminates if conditions are fulfilled.</td>
</tr>
<tr>
<td>illuminates</td>
<td>liquid gas operation</td>
</tr>
<tr>
<td>flashes 5 times and extinguishes</td>
<td>liquid gas tank is empty or failure in liquid gas system. A message is displayed in the Driver Information Centre.</td>
</tr>
</tbody>
</table>

The selected fuel mode is stored and reactivated at the next ignition cycle if conditions allow.

As soon as the liquid gas tank is empty, petrol operation is automatically engaged until the ignition is switched off.

When switching automatically between petrol or gas operation, a brief delay of engine tractive power may be noticeable.

When petrol fuel tank is empty, the engine will not start.

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 may be possible to manually switch back to liquid gas operation.

Fill the tank completely at regular intervals to prevent corrosion in the tank.
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.

Fuel for liquid gas operation \(\diamond\) 247.

**Engine coolant temperature gauge**

Number of LEDs displayed shows 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 informs 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.

When the system has calculated that engine oil life has been diminished, **Change Engine Oil Soon** appears in the Driver Information Centre. Have engine oil and filter changed by a workshop within one week or 500 km, whichever occurs first.
Instruments and controls

This can be an additional engine oil and filter change or part of a regular service.

The remaining oil life duration menu is displayed in the Driver Information Centre 117.

Select Vehicle Information Menu  by pressing MENU on the turn signal lever. Turn the adjuster wheel to select Remaining Oil Life.

Remaining oil life duration is indicated in percentage.

**Reset**

Press SET/CLR on turn signal lever for several seconds to reset. The ignition must be switched on but engine not running.

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

Next service

A message appears in the Driver Information Centre, when maintenance of the vehicle is required. Have maintenance work carried out by a workshop within one week or 500 km, whichever occurs first.

Service information 303.

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
Overview

- Turn signal ▶ 110
- Seat belt reminder ▶ 111
- Airbag and belt tensioners ◇ 111
- Airbag deactivation ◇ 112
- Charging system ◇ 112
- Malfunction indicator light ◇ 112
- Brake and clutch system ◇ 112
- Electric parking brake ◇ 113
- Electric parking brake fault ◇ 113
- Operate pedal ◇ 113
- Antilock brake system (ABS) ◇ 113
- Gear shifting ◇ 114
- Following distance ◇ 114
- Power steering ◇ 114
- Lane departure warning ◇ 114
- Electronic Stability Control off ◇ 114
- Electronic Stability Control and Traction Control system ◇ 114
- Traction Control system off ◇ 114
- Preheating ◇ 115
- Exhaust filter ◇ 115
- AdBlue ◇ 115
- Tyre pressure monitoring system ◇ 115
- Engine oil pressure ◇ 115
- Low fuel ◇ 116
- Immobiliser ◇ 116
- Exterior light ◇ 116
- High beam ◇ 116
- High beam assist ◇ 116
- LED headlights ◇ 134
- Fog light ◇ 116
- Rear fog light ◇ 116
- Cruise control ◇ 116 / Adaptive cruise control ◇ 117
- Adaptive cruise control ◇ 117
- Vehicle detected ahead ◇ 117
- Speed limiter ◇ 117
- Traffic sign assistant ◇ 117
- Door open ◇ 117

Turn lights

❖ 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, failure of turn signal light on trailer.

Bulb replacement ◇ 267, Fuses ◇ 274.

Turn signals ◇ 135.
Seat belt reminder

Seat belt reminder on front seats

 назначен for driver's seat or for front passenger seat illuminates or flashes red in the instrument cluster.

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.
Fastening the seat belt ➤ 51.

Seat belt status on rear seats

 назначен or flashes white or grey in the Driver Information Centre, after having started the engine.

Illuminates white
Seat belt is unfastened.

Illuminates grey
Seat belt has been fastened.

Flashes white or grey
Fastened seat belt has been unfastened.
Fastening the seat belt ➤ 51.

Airbag and belt tensioners

 назначен illuminates red.

When the ignition is switched on, the control indicator illuminates for approx. four seconds. If it does not illuminate, does not extinguish 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 назначен.

⚠️ Warning

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

Belt pretensioners, airbag system ➤ 50, ➤ 54.
Instruments and controls

Airbag deactivation

ON ⚫ illuminates yellow.
Illuminates for approx. 60 seconds after the ignition is switched on. The front passenger airbag is activated.
OFF ⚫ illuminates yellow.
The front passenger airbag is deactivated  59.

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

Charging system

 заряда 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

照亮 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.

Brake and clutch system

照亮 illuminates red.
The brake and clutch fluid level is too low, when manual parking brake is not applied  264.

Danger

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


| **Warning** |
| Stop. Do not continue your journey. Consult a workshop. |

Illuminates when the manual parking brake is applied and ignition is switched on 213.

**Operate pedal**

- ⇒ illuminates or flashes yellow.

**Illuminates**

- Brake pedal must be depressed to release the electric parking brake 213.
- Clutch pedal must be depressed to start the engine in Autostop mode. Stop-start system 201.

**Flashes**

- Clutch pedal must to be depressed to start the engine with the key 17, 199.

On some versions, the message to operate the clutch pedal is indicated in the Driver Information Centre 122.

**Electric parking brake**

- ‡ illuminates or flashes red.

**Illuminates**

- Electric parking brake is applied 213.

**Flashes**

- Electric parking brake is not fully applied or released. Switch on ignition, depress brake pedal and attempt to reset the system by first releasing and then applying the electric parking brake. If ‡ remains flashing, do not drive and seek the assistance of a workshop.

**Electric parking brake fault**

- ‡ illuminates or flashes yellow.

**Illuminates**

- Electric parking brake is operating with degraded performance 213.

**Flashes**

- Electric parking brake is in service mode. Stop vehicle, apply and release the electric parking brake to reset.

| **Warning** |
| Have the cause of the fault remedied immediately by a workshop. |

**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.

**Flashes**

- If the control indicator does not extinguish after a few seconds, or if it illuminates while driving, there is a
Instruments and controls

fault in the ABS. The brake system remains operational but without ABS regulation.
Antilock brake system 213.

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

Power steering
(EC) illuminates yellow.

Illuminates with power steering reduced
Power steering is reduced due to overheating of the system. Control indicator extinguishes when the system has cooled down.
Stop-start system 201.

Illuminates with power steering disabled
Failure in the power steering system. Consult a workshop.

Following distance
▲ indicates the following distance setting of the alert timing sensitivity for the forward collision alert using filled distance bars.
Forward collision alert 229.

Lane departure warning
▲ illuminates green or flashes yellow.

Illuminates green
System is switched on and ready to operate.

Flashes yellow
System recognizes an unintended lane change.

Electronic Stability Control off
▲ illuminates yellow.
The system is deactivated.

Electronic Stability Control and Traction Control system
▲ illuminates or flashes yellow.

Illuminates
A fault in the system is present. Continued driving is possible. Driving stability, however, may deteriorate depending on road surface conditions.
Have the cause of the fault remedied by a workshop.

Flashes
The system is actively engaged. Engine output may be reduced and the vehicle may be braked automatically to a small degree.
Electronic Stability Control 217, Traction Control system 216.

Traction Control system off
▲ illuminates yellow.
The system is deactivated.
Preheating

illumines yellow.
Preheating is activated. Only activates when outside temperature is low.

Exhaust filter

illuminates or flashes yellow.
The exhaust filter requires cleaning. Continue driving until extinguishes. If possible, do not allow engine speed to drop below 2000 rpm.

Illuminates
The exhaust 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.

AdBlue

flashes yellow.
AdBlue level is low. Refill AdBlue soon to avoid prevention of the engine start.

Tyre pressure monitoring system

illuminates or flashes yellow.

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.

Engine oil pressure

illuminates red.

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

Illuminates when the engine is running

Caution

Engine lubrication may be interrupted. This may result in damage to the engine and/or locking of the drive wheels.

1. Depress clutch.
2. Select neutral gear, set selector lever to N.
3. Move out of the flow of traffic as quickly as possible without impeding other vehicles.
4. Switch off ignition.
### Instruments and controls

<table>
<thead>
<tr>
<th><strong>Warning</strong></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 \(\triangleright\) 261.

<table>
<thead>
<tr>
<th><strong>Low fuel</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Low fuel" /></td>
</tr>
</tbody>
</table>

Illuminates

Level in fuel tank is too low.

<table>
<thead>
<tr>
<th><strong>Flashes</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Bleeding the diesel fuel system</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Bleeding the diesel fuel system" /></td>
</tr>
</tbody>
</table>

\(\triangleright\) 266.

<table>
<thead>
<tr>
<th><strong>Immobiliser</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Immobiliser" /></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th><strong>Exterior light</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Exterior light" /></td>
</tr>
</tbody>
</table>

Illuminates green.
The exterior lights are on \(\triangleright\) 130.

<table>
<thead>
<tr>
<th><strong>High beam</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="High beam" /></td>
</tr>
</tbody>
</table>

Illuminates blue.
Illuminates when high beam is on, during headlight flash \(\triangleright\) 131, or when high beam is on with high beam assist \(\triangleright\) 131.

<table>
<thead>
<tr>
<th><strong>High beam assist</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="High beam assist" /></td>
</tr>
</tbody>
</table>

Illuminates green.
The high beam assist is activated \(\triangleright\) 134.

<table>
<thead>
<tr>
<th><strong>LED headlights</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="LED headlights" /></td>
</tr>
</tbody>
</table>

Illuminates or flashes yellow.

<table>
<thead>
<tr>
<th><strong>Immobiliser</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Immobiliser" /></td>
</tr>
</tbody>
</table>

Fault in the system.
Seek the assistance of a workshop.

<table>
<thead>
<tr>
<th><strong>Flashes</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Flashes" /></td>
</tr>
</tbody>
</table>

System is switched to symmetrical low beam.
Control indicator \(\triangleright\) flashes for approx. four seconds after the ignition is switched on as a reminder for symmetrical headlight \(\triangleright\) 133.

<table>
<thead>
<tr>
<th><strong>Fog light</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Fog light" /></td>
</tr>
</tbody>
</table>

Illuminates green.
The front fog lights are on \(\triangleright\) 135.

<table>
<thead>
<tr>
<th><strong>Rear fog light</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Rear fog light" /></td>
</tr>
</tbody>
</table>

Illuminates yellow.
The rear fog light is on \(\triangleright\) 136.

<table>
<thead>
<tr>
<th><strong>Cruise control</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Cruise control" /></td>
</tr>
</tbody>
</table>

Illuminates white or green.
Illuminates white
The system is on.

Illuminates green
Cruise control is active. Set speed is indicated in the Driver Information Centre.
Cruise control ◇ 219.

Adaptive cruise control
◇ illuminates white or green.
◆ illuminates in the Driver Information Centre.
◇ illuminates white
The system is on.
◇ illuminates green
Adaptive cruise control is active.
When Adaptive cruise control is on or active, ◆ with the set speed is indicated in the Driver Information Centre.
Adaptive cruise control ◇ 222.

Vehicle detected ahead
◆ illuminates green.

Illuminates green
A vehicle ahead is detected in the same lane.
Adaptive cruise control ◇ 222, Forward collision alert ◇ 229.

Speed limiter
◆ illuminates in the Driver Information Centre when Speed limiter is active. Set speed is indicated alongside ◆ symbol.
Speed limiter ◇ 221.

Traffic sign assistant
◇ displays detected traffic signs as a control indicator.
Traffic sign assistant ◇ 240.

Door open
◆ illuminates red.
A door or the tailgate is open.

Displays

Driver Information Centre
The Driver Information Centre is located in the instrument cluster.
The following menus are selectable in the Driver Information Centre using the buttons on the turn signal lever:

- trip/fuel information, displayed by / i \, see description below
- vehicle information, displayed by ◆, see description below
- economy information menu, displayed by ◆, see description below
Instruments and controls

The following indications appear if required:

- warning messages ∘ 122
- gear shift indication ∘ 114
- drive mode indication ∘ 209
- tyre pressure warning ∘ 283
- seat belt reminder indication ∘ 111
- service information ∘ 107

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 menus or to return from a submenu to the next higher menu level.

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 ∘ 122.

Trip/Fuel information / i \

Possible pages are:

- digital vehicle speed
- trip odometer
• average fuel economy
• average vehicle speed
• instantaneous fuel economy
• fuel range
• fuel range, bi-fuel engine
• fuel level, bi-fuel engine
• timer

Digital vehicle speed
Digital display of the instantaneous speed.

Trip odometer
Trip odometer displays the current distance since a certain reset.
Trip odometer counts up to 9999 km and then restarts at 0.
Turn the adjuster wheel to select between trip page 1 and 2.
To reset, press SET/CLR for a few seconds while viewing this page.
The information of trip page 1 and 2 can be reset separately while the respective display is active.

Average fuel economy
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.
The information of trip page 1 and 2 can be reset separately while the respective display is active.
On vehicles with bi-fuel engines:
Average consumption is indicated for the currently selected mode, LPG, CNG 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.
The information of trip page 1 and 2 can be reset separately while the respective display is active.

Instantaneous fuel economy
Display of the instantaneous consumption.

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 control indicator in the fuel gauge illuminates.
When the tank must be refuelled immediately, a warning message appears and remains on the display. Additionally, control indicator flashes in the fuel gauge 116.
Fuel range, bi-fuel engine

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

Fuel level, bi-fuel engine
Display of the fuel level in percent for the currently selected mode, LPG, CNG or petrol.

Timer
To operate follow the instructions on the display.

Vehicle information 🚗
Possible pages are:
- unit
- speed warning
- remaining engine oil life indication
- tyre pressure
- tyre load
- following distance
- traffic sign assistant

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 of measurement.

Speed warning
The speed warning function alerts the driver when a set speed is exceeded. 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  107.

Tyre pressure
Tyre pressures of all wheels are displayed on this page during driving  283.

Tyre load
The tyre pressure category according to the actual tyre inflation pressure can be selected  283.

Following distance
Displays the distance in seconds to a preceding moving vehicle  232. If Adaptive cruise control is active this page shows the following distance setting instead.

Traffic sign assistant
Displays the detected traffic signs for the current route section  240.

Economy information menu
Possible pages are:
- economy trend
- economy index
- top consumers

Economy trend
Displays the average consumption development over a distance of 50 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 an economic scale. For economical driving, adapt driving style to keep the filled segments within the Eco area. The more segments are filled, the higher the fuel consumption.
Simultaneously, the average consumption value is indicated.

Top consumers
List of top comfort consumers currently switched on is displayed in descending order. Fuel saving potential is indicated.
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.

Info Display
The Info-Display is located in the instrument panel near the instrument cluster.
Instruments and controls

The vehicle has a 7" R 4.0 IntelliLink display with touch-screen functionality.

The Info displays can indicate:
- time
- outside temperature
- date
- Infotainment system, see description in the Infotainment manual
- indication of rear view camera
- parking assist indication
- navigation, see description in the Infotainment manual
- system messages
- settings for vehicle personalisation

R 4.0 IntelliLink

Selecting menus and settings
Menus and settings are accessed via the display.

Press \( \text{X} \) to switch on the display.
Press \( \text{;} \) to display the homepage.
Touch required menu display icon with the finger.
Touch a respective icon to confirm a selection.
Touch \( \text{9} \) to return to the next higher menu level.
Press \( \text{;} \) to return to the homepage.
For further information, see Infotainment manual.
Vehicle personalisation

Vehicle messages

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

Press \( \text{\textup{\#}} \) to switch on the display.
Press \( \text{\textup{\textdagger}} \) to display the homepage.
Touch required menu display icon with the finger.
Touch a respective icon to confirm a selection.
Touch \( \text{\textup{\textdagger}} \) to return to the next higher menu level.
Press \( \text{\textup{\textdagger}} \) to return to the homepage.
For further information, see Infotainment manual.
Vehicle and service messages in the Driver Information Centre

The vehicle messages are displayed as text. Follow the instructions given in the messages.
Press SET/CLR, MENU or turn the adjuster wheel to confirm a message.
### Messages in the Info-Display

Some important messages appear additionally in the Info-Display. Some messages only pop-up for a few seconds.

### Warning chimes

If several warnings appear at the same time, only one warning chime will sound.

**When starting the engine or whilst driving**

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 adaptive cruise control deactivates automatically.
- If approaching a vehicle ahead too closely.

- If a programmed speed or speed limit is exceeded.
- If a warning message appears in the Driver Information Centre.
- If the parking assist detects an object.
- If an unintended lane change occurs.
- If reverse gear is engaged and the rear carrier system is extended.
- If the exhaust 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.
- If any condition for an autostart is not fulfilled.

### Battery voltage

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

1. Switch off immediately any electrical consumers which are not required for a safe ride, e.g. seat heating, 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 will disappear after the engine has been started two times 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 22.

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

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

Personal settings

7” IntelliLink Display

Press 🎤, select Settings and then Vehicle on the touch-screen.

In the corresponding submenus the following settings can be changed:

Vehicle

- **Climate & Air Quality**
  - **Auto Fan Max Speed**: Modifies the fan regulation. Changed setting will be active after switching the ignition off and on again.
  - **Air Conditioning Mode**: Activates or deactivates cooling when switching on the ignition or uses the last chosen setting.
  - **Auto Defog**: Activates or deactivates auto defog.

- **Collision / Detection Systems**
  - **Rear View Camera Guidelines**: Activates or deactivates the rear view camera guidelines on the Info Display.
  - **Park Assist**: Activates or deactivates the ultrasonic parking assist. Activation is selectable with or without attached trailer coupling.
  - **Auto Collision Preparation**: Activates or deactivates the automatic brake functionality of the vehicle in the event of imminent collision danger. The following is selectable: the system will take over brake control, warn by chimes only or is deactivated completely.
  - **Side Blind Zone Alert**: Activates or deactivates side blind zone alert.

- **Comfort and Convenience**
  - **Chime Volume**: Changes the volume of warning chimes.

Auto Rear Defog: Automatically activates heated rear window.

- **Collision / Detection Systems**
  - **Rear View Camera Guidelines**: Activates or deactivates the rear view camera guidelines on the Info Display.
  - **Park Assist**: Activates or deactivates the ultrasonic parking assist. Activation is selectable with or without attached trailer coupling.
  - **Auto Collision Preparation**: Activates or deactivates the automatic brake functionality of the vehicle in the event of imminent collision danger. The following is selectable: the system will take over brake control, warn by chimes only or is deactivated completely.
  - **Side Blind Zone Alert**: Activates or deactivates side blind zone alert.

- **Comfort and Convenience**
  - **Chime Volume**: Changes the volume of warning chimes.
Instruments and controls

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.

- **Lighting**
  
  Vehicle Locator Lights: Activates or deactivates the entry lighting.
  
  Exit Lighting: Activates or deactivates and changes the duration of exit lighting.

- **Power Door Locks**
  
  Unlocked Door Anti Lock Out: Activates or deactivates the door locking function while a door is open.
  
  Auto Door Lock: Activates or deactivates the automatic door unlocking function after switching off ignition. Activates or deactivates the automatic door locking function after driving-off.

Delayed Door Lock: Activates or deactivates the delayed door locking function.

- **Remote Lock, Unlock, Start**
  
  Remote Unlock Light Feedback: Activates or deactivates the hazard warning flasher feedback whilst unlocking.
  
  Remote Lock Feedback: Changes what kind of feedback is given when locking the vehicle.
  
  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.

Telematics service

OnStar

OnStar is a personal connectivity and service 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 📞 and speak with an advisor.
Depending on the equipment of the vehicle, the following services are available:

- Emergency services and support in the case of a vehicle breakdown
- Wi-Fi hotspot
- Smartphone application
- Remote control, e.g. location of the vehicle, activation of horn and lights, control of central locking system
- Stolen vehicle assistance
- Vehicle diagnostics
- Destination download

**Note**
The OnStar module of the vehicle is deactivated after ten days without an ignition cycle. Functions requiring a data connection will be available again after switching on the ignition.

### OnStar buttons

**Privacy button**
Press and hold to hear to activate or deactivate the transmission of the vehicle location. Press to answer a call or to end a call to an advisor. Press to access the Wi-Fi settings.

**Service button**
Press to establish a connection to an advisor.

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

### Status LED
- Green: The system is ready with activated transmission of the vehicle location.
- Green flashing: The system is on a call.
- Red: A problem arose.
- Off: The system is ready with deactivated transmission of the vehicle location or the system is in standby mode.
- Red / green flashing for a short period of time: The transmission of the vehicle location has been deactivated.

### OnStar services

**General services**
If you need any information e.g. opening hours, points of interest and destinations or if you need any support e.g. in the case of a vehicle breakdown.
breakdown, a flat tyre and empty fuel tank, press \( \odot \) to establish a connection to an advisor.

**Emergency services**
In the case of an emergency situation, press \( \odot \) and talk to an 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.

**Wi-Fi hotspot**
The Wi-Fi hotspot of the vehicle provides internet connectivity with a maximum speed of 4G/LTE.

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

*Note*
Some mobile devices connect to Wi-Fi hotspots automatically and use mobile data capacity in the background, even if they are not in use. This includes automatic updates, downloads, as well as programme or app synchronisation traffic. The data volume purchased via OnStar might be consumed rapidly. Turn off automatic synchronisations in the settings of your device.

Up to seven devices may be connected.
To connect a mobile device with the Wi-Fi hotspot:
1. Press \( \odot \) 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, press \( \odot \) and talk to an advisor or log in to your account.

To switch off the Wi-Fi hotspot functionality, press \( \odot \) to call an advisor.

**Smartphone app**
With the myOpel smartphone app, some vehicle functions can be operated remotely.

The following functions are available:
- Lock or unlock vehicle.
- 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 App Store® or Google Play™ Store.
Remote control
If desired, use any phone to call an 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 vehicle.
- Provide information on the vehicle location.
- Honk horn or flash lights.

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

OnStar 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.

Restart prevention
By sending remote signals, OnStar can prevent the vehicle from restarting once it has been turned off.

On-demand diagnostics
At any time e.g. if the vehicle displays a vehicle message, press ☑ to contact an 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.

Diagnostic report
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, ABS, 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 in to your account.

Destination download
A desired destination can be directly downloaded to the navigation system. Press ☑ to call an advisor and describe the destination or point of interest.

The advisor can look up any address or point of interest and directly send 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 advisor.

To change the PIN, press ☑ to call an 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 advisor or log in 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.
Lighting

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Exterior lighting

Light switch

Turn light switch:
AUTO : automatic light control switches automatically between daytime running light and headlight
مة : sidelights
؟ : headlights

When switching on the ignition, automatic light control is active.
Control indicator ١١٦.
Tail lights
Tail lights are illuminated together with low/high beam 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 lights and headlights automatically depending on the external lighting conditions and information given by the wiper system.

Daytime running light 133.

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

Tunnel detection
When a tunnel is entered headlights are switched on immediately.

High beam

Push lever to switch from low to high beam.
Pull lever to deactivate high beam.

High beam assist 134.

High beam assist
This feature automatically activates the high beam at night when vehicle speed is faster than 40 km/h.

It switches automatically back to low beam when:

- The camera or a sensor 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 with 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 116.

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.

Headlight flash

To activate the headlight flash, pull lever.

Pulling lever deactivates high beam.

LED headlights 134.

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

Dynamic automatic headlight levelling 134.
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.

Vehicles with halogen headlight

There is a white adjuster element on the rear of each headlight housing.

Turn adjuster element on each headlight housing $\tfrac{1}{2}$ turn with a size six hexagon key anticlockwise to set to right-hand traffic mode. To adjust, 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 on both headlight housings $\tfrac{1}{2}$ turn clockwise.

Vehicles with LED headlight

1. Key in ignition switch.
2. Pull turn signal lever and hold (headlight flash).
3. Switch on ignition.
4. After approx. five seconds the control indicator $\mathcal{F}$ starts flashing and an acoustic signal sounds.

Control indicator $\mathcal{F}$ $\Rightarrow$ 116.

Every time the ignition is switched on, $\mathcal{F}$ flashes as a reminder for approx. four seconds.

For deactivation, operate the same procedure as described above. $\mathcal{F}$ will not flash when function is deactivated.

Daytime running lights

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

The system switches between daytime running lights and headlights automatically, depending on the lighting conditions. Automatic light control $\Rightarrow$ 131.
LED headlights

LED lighting system includes:

- LED headlights for low and high beam
- cornering lights
- town light
- high beam assist
- reverse parking function
- eco mode
- dynamic automatic headlight levelling

LED headlights for low and high beam

LED headlights for low and high beam ensure better visibility under all conditions.

Operation is the same as for halogen headlights.

Light switch ◇ 130, high beam ◇ 131, headlight flash ◇ 132, headlights when driving abroad ◇ 133.

Automatic light control ◇ 131.

Cornering lights

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 70 km/h.

Town light

Activated automatically at a speed up to approx. 55 km/h. In situations with exterior ambient light both cornering lights are switched on with reduced intensity. The light is wide and symmetrical.

High beam assist

◇ 131

Reverse parking function

To assist driver’s orientation when parking, both corner lights and reversing light illuminate when headlights are on and reverse gear is engaged. They remain illuminated for a short time after disengaging reverse gear or until driving faster than 7 km/h in a forward gear.

Eco mode

If the vehicle stops, e. g. due to traffic lights, an energy saving mode for headlights is activated.

Dynamic automatic headlight levelling

To prevent oncoming traffic from being dazzled, headlight levelling is automatically adjusted based on vehicle inclination information.

Headlights when driving abroad

◇ 133.
Fault in LED headlight system
When the system detects a failure in the LED headlight system, illuminates and a warning is displayed in the Driver Information Centre.

Hazard warning flashers
Operated by pressing .
In the event of an accident with airbag deployment the hazard warning flashers are activated automatically.

Turn lights
lever up : right turn signal
lever down : left turn signal
A resistance point can be felt when moving the lever.
Constant flashing is activated when the lever is being moved beyond the resistance point. It is deactivated when the steering wheel is moved in the opposite direction or lever is manually moved back to its neutral position.

Activate temporary flashing by holding the lever just before the resistance point. Turning lights will flash until lever is being released.
To activate three flashes, tap the lever briefly without passing the resistance point.
When a trailer is connected, turn signal flashes six times when pressing the lever until resistance is felt and then releasing.

Front fog lights
Operated by pressing #D.
Light switch in position AUTO: switching on front fog lights will switch headlights on automatically.

Rear fog light

Operated by pressing 0€.
Light switch in position AUTO: switching on rear fog light will switch headlights on automatically.
Light switch in position ≥≤: rear fog light can only be switched on with front fog lights.
The vehicle rear fog light is deactivated when towing a trailer or a plug is connected with the socket, e.g. when a bicycle carrier is used.

Parking lights

When the vehicle is parked, the parking lights on one side can be activated:
1. Switch off ignition.
2. Move turn signal lever all the way up (right parking lights) or down (left parking lights).
Confirmed by a 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
- Info-Display
- illuminated switches and operation elements

Turn thumb wheel ⬇️ and hold until the desired brightness is obtained.

Interior lights

During entry and exit of the vehicle, the front and rear courtesy lights automatically switch on and then off after a delay.

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

Front courtesy light

Operate rocker switch:
- ⬆️: automatic switching on and off
- press ⬇️: on
- press ⬆️: off

Rear courtesy lights

Illuminate in conjunction with the front courtesy light depending on rocker switch position.
Reading lights

Operated by pressing ▲ and ▼ in front and rear courtesy lights.

Sunvisor lights
Illuminates when the cover is opened.

Lighting features

Centre console lighting
Spotlight incorporated in the interior lighting comes on when headlights are switched on.

Entry lighting

Welcome lighting
Headlights, tail lights, number plate lights, instrument panel light, interior lights and the light pipes in doors and FlexConsole are switched on for a short time by unlocking the vehicle with the radio remote control. This function works only in the dark and facilitates locating the vehicle. The lighting switches off immediately when the ignition key is turned to position 1 ※ 198.

Activation or deactivation of this function can be changed in the Settings menu in the Info-Display. Vehicle personalisation ※ 124.

The settings can be saved for the key being used ※ 22.

The following lights will additionally switch on when the driver's door is opened:
- illumination of some switches
- Driver Information Centre
- door pocket lights

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)
- light tubes in doors
- number plate lights (puddle lights)

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 ignition.
2. Remove ignition key.
3. Open driver's door.
4. Pull turn signal lever.
5. Close 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 Settings menu in the Info-Display.

Vehicle personalisation 124.

The settings can be saved for the key being used 22.

Battery discharge protection

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

The Infotainment system provides you with state-of-the-art in-car infotainment.

Using radio tuner functions, you may register up to 25 stations on five favourite lists.

You can connect external data storage devices to the Infotainment system as further audio sources; either via cable or via Bluetooth®.

The navigation system with dynamic route planning will reliably guide you to your destination, and, if desired, automatically avoid traffic jams or other traffic problems.

In addition, the Infotainment system allows comfortable and safe use of your mobile phone in the vehicle.

You can also operate specific smartphone applications via the Infotainment system.

Optionally, the Infotainment system can be operated using the touch screen and buttons on the control...
panel, the controls on the steering wheel, or - if provided by your mobile phone - via speech recognition. The well-thought-out design of the control elements, the touch screen and the clear display enable you to control the system easily and intuitively.

**Note**
This manual describes all options and features available for the various Infotainment systems. 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.

**Important information on operation and traffic safety**

**Warning**
The Infotainment system must be used so that the vehicle can be driven safely at all times. If in doubt, stop the vehicle and operate the Infotainment system while the vehicle is stationary.

**Warning**
In some areas one-way streets and other roads and entrances (e.g. pedestrian zones) that you are not allowed to turn into are not marked on the map. In such areas the Infotainment system may issue a warning that must be accepted. Here you must pay particular attention to one-way streets, roads and entrances that you are not allowed to drive into.

**Radio reception**
Radio reception may be disrupted by static, noise, distortion or loss of reception due to:
- changes in distance from the transmitter
- multipath reception due to reflection
- shadowing

**Theft-deterrent feature**
The Infotainment system is equipped with an electronic security system for the purpose of theft deterrence. The Infotainment system therefore functions only in your vehicle and is worthless to a thief.
Control elements overview

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   Gallery: picture and movie functions
   Phone: mobile phone functions
   Projection: phone projection
   or Nav: BringGo® app
   Navigation: embedded navigation
   Settings: system settings
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2 -
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5 optic
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Usage

Control elements

The Infotainment system is operated via function buttons, a touch screen and menus that are shown on the display.

Inputs are made optionally via:
- the central control unit in the control panel
- the touch screen
- audio controls on the steering wheel
- the speech recognition

Switching the Infotainment system on or off

Short press to switch the system on. After switching on, the last selected Infotainment source becomes active.

Long press to switch the system off.

Automatic switch-off

If the Infotainment system has been switched on by pressing while the ignition is switched off, it will switch off again automatically 10 minutes after the last user input.

Setting the volume

Turn . The current setting is shown on the display.

When the Infotainment system is switched on, the last selected volume is set, provided that it is lower than the maximum start-up volume. For a detailed description.

Speed compensated volume

When the speed compensated volume is activated, the volume is adapted automatically to make up for the road and wind noise as you drive.

Mute

Press to mute the Infotainment system.

To cancel the mute function, press again. The last selected volume is set again.

Modes of operation

Press to display the home menu.

Note

For a detailed description of menu operation via touch screen.

Audio

Select Audio to open the main menu of the last selected audio mode.

Select Source on the screen to display the interaction selector bar.

To change to another audio mode, touch one of the items in the interaction selector bar.
Infotainment system

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- Radio functions 153
- External devices 161

Gallery
Select Gallery to open the picture and movie menu for files stored on an external device, e.g. USB device or smartphone.
Select  or  to display the picture or movie menu. Select the desired picture or movie file to show the respective item on the display.

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- Picture functions 162
- Movie functions 163

Phone
Before the phone function can be used, a connection has to be established between the Infotainment system and the mobile phone.
For a detailed description of preparing and establishing a Bluetooth connection between the Infotainment system and a mobile phone 180.
If the mobile phone is connected, select Phone to display the main menu.

Projection
To show specific apps of your smartphone displayed on the Infotainment system, connect your smartphone.
Select Projection to start the projection function.
Depending on the smartphone connected, a main menu with different selectable apps is displayed.
For a detailed description 164.
Nav
(R 4.0 IntelliLink, if Projection not available)
To start the BringGo navigation application, select Nav.
For a detailed description 164.

Navigation
(Navi 4.0 IntelliLink)
Press ☐ to display the home screen.
Select Navigation to display the navigation map showing the area around the current location.

Settings
Select Settings to open a menu for various system-related settings, e.g. deactivating Audible Touch Feedback.

OnStar
To display a menu with the OnStar Wi-Fi settings, select OnStar.
For a detailed description, see Owner’s Manual.

Basic operation
The display of the Infotainment system has a touch-sensitive surface that allows direct interaction with the displayed menu controls.

Caution
Do not use pointed or hard items like ballpoint pens, pencils or similar for touch screen operation.

Ʌ screen button
When operating the menus, press Ʌ in the respective submenu to return to the next higher menu level.
When no Ʌ screen button is displayed, you are on the top level of the respective menu. Press ☐ to display the home screen.

For a detailed description of the navigation functions 165.
Selecting or activating a screen button or menu item

Touch a screen button or menu item. The corresponding system function is activated, a message is shown, or a submenu with further options is displayed.

Moving items on the home menu

Touch and hold the element you wish to move until red boxes appear around the icons. Move your finger to the desired location and release the element.

**Note**
Constant pressure must be applied and the finger must be moved at a constant speed.
All other items are rearranged.
Press one of the buttons on the control panel to exit edit mode.

**Note**
Edit mode exits automatically after 30 seconds of inactivity.

Scrolling lists

If there are more items available than presentable on the screen, the list must be scrolled.
To scroll through a list of menu items, you may optionally:
- Place your finger anywhere on the screen and move it upwards or downwards.
Note
Constant pressure must be applied and the finger must be moved at a constant speed.

- Touch ▼ or ▲ at the top or bottom of the scroll bar.
- Move the slider of the scroll bar up and down with your finger.

To return to the top of the list, touch the list title.

**Scrolling pages**

To scroll from one page to another:
- Place your finger anywhere on the screen and move it left to scroll to the next page or right to scroll to the previous page.

**Note**
Constant pressure must be applied and the finger must be moved at a constant speed.
- Touch > or < on the screen.

**Quick-jumping to the Audio and Navigation application**

Using the  or  symbols displayed in the top line of some menus, you may directly jump to a different application.

To directly jump to the Audio menu, select .

To directly jump to the Navigation menu, select .

**Note**
The  symbol is only available if route guidance is active.

**Tone settings**

In the tone settings menu, the tone characteristics can be set. The menu may be accessed from each audio main menu.

To open the tone settings menu, select Menu in the respective audio main menu. If necessary, scroll
through the list of menu items and select **Tone Settings**. The respective menu is displayed.

Equaliser mode

Use this setting to optimise the tone for the style of music, e.g. **Rock** or **Classical**.

Select the desired sound style in the interaction selector bar at the bottom of the screen. If you choose **Custom**, you can manually adjust the following settings.

**Bass**

Use this setting to enhance or attenuate the deep frequencies of the audio sources.

Touch + or - to adjust the setting.

**Midrange**

Use this setting to enhance or attenuate the midrange frequencies of the audio source.

Touch + or - to adjust the setting.

**Treble**

Use this setting to enhance or attenuate the high frequencies of the audio sources.

Touch + or - to adjust the setting.

**Setting balance and fader**

Use the illustration at the right side of the menu to adjust balance and fader.

To define the point in the passenger compartment where the sound is at its highest level, touch the corresponding point in the illustration. Alternatively, you can move the red marker to the desired point.

**Note**

The balance and fader settings are valid for all audio sources. They cannot be adjusted individually for each audio source.

### Volume settings

**Adjusting the maximum startup volume**

Press \( \text{Settings} \) and then select **Settings**. Select **Radio**, scroll through the list and then select **Max Startup Volume**. Touch + or - to adjust the setting or move the slider on the volume bar.

**Adjusting the speed compensated volume**

Press \( \text{Settings} \) and then select **Settings**. Select **Radio**, scroll through the list and then select **Auto Volume**. To adjust the degree of volume adaptation, select one of the options in the list.

**Off**: no enhancement of volume with increasing vehicle speed.
High: maximum enhancement of volume with increasing vehicle speed.

Activating or deactivating the audible touch feedback function

If the audible touch feedback function is activated, each touch of a screen button or menu item is indicated by a beeping sound.

Press 📲 and then select Settings. Select Radio and then scroll through the list to Audible Touch Feedback.

Volume of traffic announcements

To adjust the volume of traffic announcements, set the desired volume while a traffic announcement is given out by the system. The respective setting is then stored by the system.

System settings

The following settings concern the whole system. All other settings are described in the respective chapters of this manual.

Time and date settings

Press 📲 and then select Settings. Select Time and Date to display the respective submenu.

Set Time Format

To select the desired time format, touch the screen buttons 12 h or 24 h.

Set Date Format

To select the desired date format, select Set Date Format and choose between the available options in the submenu.

Auto Set

To choose whether time and date are to be set automatically or manually, select Auto Set.

For time and date to be set automatically, select On - RDS.
Infotainment system

For time and date to be set manually, select Off - Manual. If Auto Set is set to Off - Manual, the submenu items Set Time and Set Date become available.

Set time and date
To adjust the time and date settings, select Set Time or Set Date. Touch + or - to adjust the settings.

Language settings
Press 📜 and then select Settings. Select Language to display the respective menu. To adjust the language for the menu texts, touch the desired language.

Text scroll function
If long text is displayed on the screen e.g. song titles or station names, the text may either be scrolled continually or it may be scrolled once and displayed in truncated form.
Press 📜 and then select Settings. Select Radio. If you wish the text to be scrolled continually, activate Text Scroll. If you wish the text to be scrolled in blocks, deactivate the setting.

Black display function
If you do not want to see the illuminated display, e.g. during night time, you can turn the display off. Press 📜 and then select Settings. Scroll through the list and select Turn Display Off. The display is turned off. The audio functions remain active. To turn the display on again, touch the screen or press a button.

Factory defaults
(R 4.0 IntelliLink)
Press 📜 and then select Settings. Scroll through the list and select Return to Factory Settings. To restore all vehicle personalisation settings, select Restore Vehicle Settings. To delete the paired Bluetooth devices, the contacts list and the voice mail numbers stored, select Clear All Private Data. To reset tone and volume settings, delete all favourites, and erase the ringtone selection, select Restore Radio Settings. In each case, a warning message is displayed. Select Continue to reset the settings.

Factory defaults
(Navi 4.0 IntelliLink)
Press 📜 and then select Settings. Scroll through the list and select Restore Factory Settings.
Vehicle settings
To restore all vehicle personalisation settings, select **Reset Vehicle Settings**. A pop-up is displayed. Confirm the pop-up message.

Phone information
To delete the paired Bluetooth devices, the contacts list and the voice mail numbers stored, select **Clear all phone information**. A pop-up is displayed. Confirm the pop-up message.

Radio settings
To reset tone and volume settings and delete all favourites, select **Restore Radio Settings**. A pop-up is displayed. Confirm the pop-up message.

Navigation settings
To reset all navigation parameters and navigation system settings, select **Restore Navigation Settings**. A submenu is displayed. Depending on which set of parameters you want to reset, select **Clear navigation history** (recent destinations), **Clear navigation favourites** (favourites) or **Reset navigation options and settings** (e.g. settings concerning map display, voice output or route options). A pop-up is displayed. Confirm the pop-up message.

System version
Press ⬇️ and then select **Settings**. Scroll through the list and select **Software Information**.
If a USB device is connected, you may save the vehicle information to this USB device. Select **System Update** and then **Save Vehicle Info to USB**.
For a system update, contact your workshop.

Vehicle settings
Vehicle settings are described in the Owner's Manual.

Radio
Usage
Activating radio
Press ⬇️ and then select **Audio**. The audio main menu last selected is displayed. Select **Source** in the radio main menu to open the interaction selector bar.

Select the desired waveband. The station last played in the selected waveband will be received.
Station search

Automatic station search

Briefly press or touch \( \leftarrow \rightarrow \) or \( \rightarrow \) on the control panel or on the screen to play the previous or next station in the station memory.

Manual station search

Press and hold \( \leftarrow \rightarrow \) or \( \rightarrow \) on the control panel. Release when the required frequency has almost been reached.

A search is made for the next station that can be received and it is played automatically.

Note

FM waveband: when the RDS function is activated, only RDS stations \( \Phi \) 156 are searched for, and when the radio traffic service (TP) is activated, only traffic service stations \( \Phi \) 156 are searched for.

Station tuning

Touch \( \text{Direct tune} \) on the screen. The Direct tune screen is shown.

Enter the desired frequency. Use \( \leftarrow \) to delete digits entered. If necessary, touch \( \leftarrow \rightarrow \) or \( \rightarrow \) to subsequently adjust the input.

Confirm the input to play the station.

Station lists

Select Menu in the radio main menu to open the corresponding waveband-specific submenu.

Select Station List. All receivable stations of the relevant waveband and in the current reception area are displayed.

Select the desired station.

Note

The currently received radio station is indicated by the \( \rightarrow \) symbol next to the station name.

Category lists

Numerous radio stations broadcast a PTY code, which specifies the type of programme transmitted (e.g. news). Some stations also change the PTY code depending on the content which is currently transmitted.

The Infotainment system stores these stations, sorted by programme type in the corresponding category list.
Note
The *Categories* list item is only available for the FM and the DAB wavebands.

To search for a programme type determined by the stations, select *Categories*.
A list of programme types currently available is displayed.
Select the desired programme type. A list of stations of the selected programme type is displayed.
Select the desired station.

*Note*
The currently received radio station is indicated by the ► symbol next to the station name.

**Update station lists**
If the stations stored in the waveband-specific station list can no longer be received, the AM and the DAB station lists must be updated.

*Note*
The FM station list is updated automatically.

Select *Menu* in the radio main menu and then select *Update Station List*.

*Note*
If a waveband-specific station list is updated, the corresponding category list is also updated.
A station search is started and a corresponding message is displayed. Once the search is finished, the respective station list is displayed.

*Note*
The currently received radio station is indicated by the ► symbol next to the station name.

**Favourite lists**
Stations of all wavebands can be stored manually in the favourite lists.

Five favourite lists with five favourites each are available.

*Note*
The currently received station is highlighted.

**Storing a station**
If required, touch < or > to scroll to the desired favourite list.
To store the currently active radio station as a favourite, touch and hold the desired favourite button for a few seconds. The favourite button will be titled as the corresponding frequency or station name.
Retrieving a station

If required, touch < or > to scroll to the desired favourite list.
Select the desired favourite.

Defining the number of available favourite lists

To define the number of favourite lists displayed for selection, press 🗯️ and then select Settings on the screen.
Select Radio and then Manage Favourites to display the respective submenu.
Activate or deactivate the favourite lists to be displayed.

Radio data system

Radio data system (RDS) is a service of FM stations that considerably facilitates the finding of the desired station and its fault-free reception.

Advantages of RDS

- On the display, the programme name of the station appears instead of its frequency.
- During a station search, the Infotainment system tunes in to RDS stations only.
- The Infotainment system always tunes into the best receivable broadcasting frequency of the set station by means of AF (alternative frequency).
- Depending on the station that is received, the Infotainment system displays radio text that can contain e.g. information on the current programme.

RDS configuration

Touch Menu in the FM radio main menu to open the corresponding waveband-specific submenu.
Scroll to RDS.
Activate or deactivate RDS.

Traffic Programme

Radio traffic service stations are RDS stations that broadcast traffic news. If the traffic service is switched on, the currently playing audio source is interrupted for the duration of the traffic announcement.

Activating the traffic programme function

Select Menu in the FM radio main menu to open the corresponding waveband-specific submenu.
Touch the screen button next to Traffic Programme to activate or deactivate the function.

Note

In the station list, TP is displayed next to the stations providing a traffic programme.
If the radio traffic service is activated, [TP] is shown in the top line of all main menus. If the current station is not a radio traffic service station, TP is greyed-out and a search is started automatically for the next radio traffic service station. As soon as a radio traffic service station is found, TP is
highlighted. If no radio traffic service station is found, TP remains greyed-out.

If a traffic announcement is broadcast on the respective station, a message is displayed.

To interrupt the announcement and return to the function previously activated, touch the screen or press $\odot$.

**Regionalisation**

Sometimes RDS stations broadcast regionally different programmes on different frequencies.

Select **Menu** in the FM radio main menu to open the corresponding waveband-specific submenu and scroll to **Region**. Activate or deactivate **Region**. If regionalisation is activated, alternative frequencies with the same regional programmes are selected where necessary. If regionalisation is switched off, alternative frequencies of the stations are selected without regard to regional programmes.

**Digital audio broadcasting**

Digital audio broadcasting (DAB) broadcasts radio stations digitally. DAB stations are indicated by the programme name instead of the broadcasting frequency.

**General information**

- With DAB, several radio programmes (services) can be broadcast on a single ensemble.
- Besides high-quality digital audio services, DAB is also able to transmit programme-associated data and a multitude of other data services including travel and traffic information.
- As long as a given DAB receiver can pick up the signal sent out by a broadcasting station (even if the signal is very weak), sound reproduction is ensured.
- In the event of poor reception, the volume is reduced automatically to avoid the output of disagreeable noises.
- If the DAB signal is too weak to be picked up by the receiver, reception is interrupted completely. This incident can be avoided by activating **DAB-DAB Linking** or **DAB-FM Linking** in the DAB menu (see below).
- Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur with DAB.
- If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is improved, whereas AM or FM reception is considerably impaired in such cases.
- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the FM stations with the best reception. If TP $\odot$ 156 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate TP if DAB reception should not be interrupted by FM traffic announcements.
DAB Announcements
Besides their music programmes, a lot of DAB stations also broadcast announcements of various categories. If you activate some or all categories, the currently received DAB service is interrupted when an announcement of these categories is made.
Select Menu in the DAB radio main menu to open the corresponding waveband-specific submenu.
Scroll through the list and select DAB Announcements to display a list of the categories available.
Activate all or just the desired announcement categories. Different announcement categories can be selected at the same time.

DAB-DAB Linking
If this function is activated, the device switches over to the same service (programme) on another DAB ensemble (if available) when the DAB signal is too weak to be picked up by the receiver.
Select Menu in the DAB radio main menu to open the corresponding waveband-specific submenu.
Scroll through the list and activate or deactivate DAB-DAB Linking.

DAB-FM Linking
This function enables switching from a DAB station to a corresponding FM station and vice versa.
If this function is activated, the device switches over to a corresponding FM station of the active DAB service (if available) when the DAB signal is too weak to be picked up by the receiver.
Scroll through the list and activate or deactivate DAB-FM Linking.

L Band
With this function, you may define which DAB wavebands are to be received by the Infotainment system.
L Band (earth and satellite radio) is another radio band that can be received additionally.
Select Menu in the DAB radio main menu to open the corresponding waveband-specific submenu.
Scroll through the list and activate or deactivate L Band.

Intellitext
The Intellitext function allows the reception of additional information such as financial information, sports, news etc.

Note
The content available depends on the station and region.
Select Menu in the DAB radio main menu to open the corresponding waveband-specific submenu.
Scroll through the list and select Intellitext.
Select one of the categories and choose a specific item to display detailed information.

EPG
The Electronic Programme Guide provides information on the current and upcoming programme of the respective DAB station.
Select Menu in the DAB radio main menu and then select Station List.
To display the programme of the desired station, touch the icon next to the station.

**External devices**

**General information**

A USB port for the connection of external devices is located in the centre console.

**Note**

The USB port must always be kept clean and dry.

**USB port**

An MP3 player, USB device, SD card (via USB connector / adapter) or smartphone can be connected to the USB port.

Up to two USB devices can be connected to the Infotainment system at a time.

**Note**

For the connection of two USB devices, an external USB hub is required.

The Infotainment system can play audio files, show picture files or play movie files contained in USB devices.

When connected to the USB port, various functions of the devices mentioned above can be operated via the controls and menus of the Infotainment system.

**Note**

Not all auxiliary devices are supported by the Infotainment system. Check the compatibility list on our website.

**Connecting / disconnecting a device**

Connect one of the devices mentioned above to the USB port. If required, use the appropriate connection cable. The music function starts automatically.

**Note**

If a non-readable USB device is connected, a corresponding error message appears and the Infotainment system automatically switches to the previous function.

To disconnect the USB device, select another function and then remove the USB device.
Infotainment system

Caution
Avoid disconnecting the device during playback. This may damage the device or the Infotainment system.

USB Auto Launch
By default, the USB audio menu is displayed automatically as soon as a USB device is connected.
If desired, this function can be deactivated.
Press 🎧 and then select Settings to open the settings menu.
Select Radio, scroll to USB Auto Launch and touch the screen button next to the function.
To reactivate the function, touch the screen button again.

Bluetooth
Devices which support the Bluetooth music profiles A2DP and AVRCP can be connected wirelessly to the Infotainment system. The Infotainment system can play music files contained in these devices.

Connecting a device
For a detailed description on how to establish a Bluetooth connection 181.

File formats and folders
The maximum capacity of a device supported by the Infotainment system amounts to 5000 music files, 5000 picture files, 500 movie files, 5000 folders and 15 stages of folder structure. Only devices formatted in the FAT16 / FAT32 file system are supported.
If there are images included in the audio metadata, these images are displayed on the screen.

Note
Some files may not be played properly. This may be due to a different recording format or the condition of the file.
Files from online shops to which Digital Rights Management (DRM) has been applied cannot be played.

Audio files
The playable audio file formats are MP3 (MPEG-1 Layer 3, MPEG-2 Layer 3), WMA, AAC, AAC+, ALAC OGG WAF (PCM), AIFF, 3GPP (audio only), Audio Books and LPCM.
When playing a file with ID3 tag information, the Infotainment system can display information, e.g. on the track title and artist.

Picture files
The displayable picture file formats are JPG, JPEG, BMP, PNG and GIF.
JPG files must be 64 to 5000 pixels in width and 64 to 5000 pixels in height.
BMP, PNG and GIF files must be 64 to 1024 pixels in width and 64 to 1024 pixels in height.
The pictures should not exceed a file size of 1MB.

Movie files
The playable movie file formats are AVI and MP4.
The maximum resolution is 1280 x 720 pixels. The frame rate must be less than 30 fps.
The usable codec is H.264/MPEG-4 AVC.
The playable audio formats are MP3, AC3, AAC and WMA.
The displayable subtitle format is SMI.

Playing audio

Activating the music function
If the device is not yet connected to the Infotainment system, connect the device 159.
Usually, the respective audio main menu is displayed automatically.
If playback is not started automatically, e.g. if USB Auto Launch is deactivated 159, take the following steps:
Press  and then select Audio to open the audio main menu last selected.

Function buttons

Interrupting and resuming playback
Touch  to interrupt playback. The screen button changes to .
Touch  to resume playback.

Playing the next or previous track
Touch  to play the next track.

Touch  within the first two seconds of the track playing to return to the previous track.

Returning to the beginning of the current track
Touch  after two seconds of the track playing.

Fast forwarding and rewinding
Touch and hold  or . Release to return to normal playback mode.
Alternatively, you can move the slider showing the current track position to the left or right.

Playing tracks randomly
Touch  to play the tracks in random order. The screen button changes to .
Touch  again to deactivate the shuffle function and go back to the normal playback mode.

Browse Music function
To display the browse screen, touch the screen. Alternatively, select Menu in the audio main screen to display the respective audio menu and then select Browse Music.
Infotainment system

Different categories, in which the tracks are sorted, are displayed, e.g. Playlists, Artists, or Albums.

Select the desired category, subcategory (if available) and then choose a track.
Select the track to start playback.

Displaying pictures
You can view pictures from a USB device.

Note
For your safety, some features are disabled while driving.

Activating the picture function
If the device is not yet connected to the Infotainment system, connect the device 159.
Press ¶ and then select Gallery to open the media main menu.
Touch  to open the picture main menu to display a list of items stored on the USB device. Select the desired picture. If this is stored within a folder, select the respective folder first.

Function buttons

Full screen mode
Select  to display the picture in full screen mode. Touch the screen to exit full screen mode.

Viewing the next or previous picture
Touch ® or swipe to the left to view the next picture
Touch ¯ or swipe to the right to view the previous picture.

Rotating a picture
Select © to rotate the picture.

Zoom in on a picture
Touch × once or several times to zoom in on a picture or to return to its original size.

Viewing a slide show
Select  to view the pictures stored on the USB device in a slide show.
Touch the screen to end the slide show.

Touch the screen to hide the menu bar. Touch the screen again to redisplay the menu bar.
Picture menu
Select **Menu** in the bottom line of the screen to display the **Picture Menu**.

![Picture Menu](image1)

Slide show time
Select **Slide Show Time** to display a list of possible time sequences and select the desired time sequence.

Clock and temperature display
To display time and temperature in full screen mode, activate **Clock. Temp. Display**.

Display settings
Select **Display Settings** to open a submenu for the adjustment of brightness and contrast. Touch + or - to adjust the settings.

Playing movies
You can view movies from a USB device.

**Note**
For your safety, the movie function is not available while driving.

Activating the movie function
If the device is not yet connected to the Infotainment system, connect the device 159.
Press ‡ and then select **Gallery** to open the media main menu.
Touch ‡ to open the movie main menu to display a list of items stored on the USB device. Select the desired movie. If this is stored within a folder, select the respective folder first. The movie is shown.

Function buttons
Full screen
Select ‡ to display the movie in full screen mode. Touch the screen to exit full screen mode.

Interrupting and resuming playback
Touch ■ to interrupt playback. The screen button changes to ▶.
Touch ▶ to resume playback.

Playing the next or previous track
Touch ■ to play the next movie file.
Touch ■ within the first five seconds of the movie playing to return to the previous movie file.
Returning to the beginning of the current movie
Touch ◀ after five seconds of the movie playing.

Fast forwarding and rewinding
Touch and hold ◀ or ▶. Release to return to normal playback mode.

Movie menu
Select Menu in the bottom line of the screen to display the Movie Menu.

Display settings
Select Display Settings to open a submenu for adjustment of brightness and contrast.
Touch + or - to adjust the settings.

Using smartphone applications

Phone projection
The phone projection applications Apple CarPlay™ and Android™ Auto display selected apps from your smartphone on the Info Display and allow their operation directly via the Infotainment controls.
Check with the device's manufacturer if this function is compatible with your smartphone and if this application is available in the country you are in.

Preparing the smartphone
Android phone: Download the Android Auto app to your smartphone from the Google Play™ Store.
iPhone: Make sure Siri® is activated on your smartphone.

Activating phone projection in the settings menu
Press ; to display the home screen and then select Settings.
Scroll through the list to Apple CarPlay or Android Auto.
Make sure the respective application is activated.

Connecting the mobile phone
Connect the smartphone to the USB port 159.

Starting phone projection
To start the phone projection function, press ; and then select Projection.

Note
If the application is recognised by the Infotainment system, the application icon may change to Apple CarPlay or Android Auto.
To start the function, you can alternatively press and hold ; for a few seconds.

The phone projection screen displayed depends on your smartphone and software version.

Clock and temperature display
To display time and temperature in full screen mode, activate Clock. Temp. Display.
Returning to the home screen
Press 🏛.

BringGo
BringGo is a navigation app providing location search, map display and route guidance.

Note
Before downloading the app, check whether BringGo is available in your vehicle.

Downloading the app
Before BringGo can be operated using the controls and menus of the Infotainment system, the respective application must be installed on the smartphone.

Download the app from App Store® or Google Play Store.

Activating BringGo in the settings menu
Press 🏛 to display the home screen and then select Settings.
Scroll through the list to BringGo.
Make sure the application is activated.

Connecting the mobile phone
Connect the smartphone to the USB port 159.

Starting BringGo
To start the app, press 🏛 and then select the Nav icon.
The main menu of the application is shown on the Info Display.
For further information on how to operate the app, see the instructions on the manufacturer's website.

Navigation

General information
This chapter is about the embedded navigation system of Navi 4.0 IntelliLink.
The current traffic situation is taken into account in the route calculation. For this purpose, the Infotainment system receives traffic announcements in the current reception area via RDS-TMC.
The navigation system cannot, however, take into account traffic incidents, traffic regulations changed at short notice and hazards or problems that arise suddenly (e.g. road works).

Caution
The usage of the navigation system does not release the driver from the responsibility for a correct, vigilant attitude in road traffic. The relevant traffic regulations must always be
followed. If a navigation instruction contradicts traffic regulations, the traffic regulations always apply.

Functioning of the navigation system

The position and movement of the vehicle are detected by the navigation system using sensors. The travelled distance is determined by the vehicle’s speedometer signal, turning movements on bends by a sensor. The position is determined by the GPS (Global Positioning System) satellites.

By comparing the sensor signals with the digital maps, it is possible to determine the position with an accuracy of approx. 10 metres.

The system will also work with poor GPS reception. However, the accuracy of the determination of the position will be reduced.

After the entry of the destination address or point of interest (nearest petrol station, hotel, etc.), the route is calculated from the current location to the destination selected.

Route guidance is provided by voice output and an arrow, as well as with the aid of a multi-colour map display.

Important information

TMC traffic information system and dynamic route guidance

The TMC traffic information system receives all current traffic information from TMC radio stations. This information is included in the calculation of the overall route. During this process, the route is planned so that traffic problems related to pre-selected criteria are avoided.

If there is a traffic problem during active route guidance, depending on the pre-settings, a message appears as to whether the route should be changed.

TMC traffic information is displayed in the map display as symbols or as detailed text on the TMC messages menu.

To be able to use TMC traffic information, the system must receive TMC stations in the relevant region.

The TMC traffic stations can be selected in the navigation menu 167.

Map data

All required map data is stored within the Infotainment system.

To update the navigation map data, purchase new data at the Opel Dealer or on our home page http://opel.navigation.com/. You are provided with a USB device containing the update.

Connect the USB device to the USB port and follow the instructions on the screen. The vehicle must be turned on during the update process.

Note

The vehicle remains operational during the update process. If the vehicle is turned off, the update can be paused. The navigation application, Bluetooth and other external devices are unavailable until the update process is finished.

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All required map data is stored within the Infotainment system.

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Connect the USB device to the USB port and follow the instructions on the screen. The vehicle must be turned on during the update process.

Note

The vehicle remains operational during the update process. If the vehicle is turned off, the update can be paused. The navigation application, Bluetooth and other external devices are unavailable until the update process is finished.
Usage
To display the navigation map, press 📺 and then select the Navigation icon.

Route guidance not active

- The map view is displayed.
- The current location is indicated by a circle with an arrow pointing into the direction of travel.
- The name of the street you are currently in is displayed on the bottom of the screen.

Route guidance active

- The map view is displayed.
- The active route is indicated by a coloured line.
- The moving vehicle is marked by a circle with an arrow pointing into the direction of travel.
- The next turning manoeuvre is indicated in the separate field on the left side of the screen.
- The arrival time or travel time is shown above the arrow symbol.
- The remaining distance to the destination is displayed above the arrow symbol.

Map manipulation

Scrolling
To scroll the map, place your finger anywhere on the screen and move it up, down, left or right depending on the direction in which you want to scroll.

The map moves accordingly displaying a new section.

To return to the current location, select Re-centre on the bottom of the screen.

Centring
Touch and hold the desired location on the screen. The map centres around this location.

A red ⬆️ is displayed at the respective location and the corresponding address is shown on a label.
To return to the current location, select **Re-centre** on the bottom of the screen.

**Zooming**
To zoom in on a selected map location, place two fingers on the screen and move them away from each other.
Alternatively, use ‹ on the map screen.
To zoom out and display a larger area around the selected location, place two fingers on the screen and move them towards each other.
Alternatively, use ➔ on the map screen.

**Cancel screen button**
During active route guidance, a **Cancel** screen button is displayed on the left side of the screen. To cancel the active route guidance session, select **Cancel**.
For a few seconds, a **Resume Trip** screen button is displayed on the map screen. Select **Resume Trip** to restart the cancelled guidance session.

**Overview screen button**
During active route guidance, an **Overview** screen button is displayed on the left side of the screen. To display an overview of the route currently active, select **Overview**. The map changes to the desired route overview.
To return to the normal view, select **Overview** again.

**Service stations**
When selecting a desired exit, you can access points of interest in the respective area and start route guidance to some of these locations.

**X screen button**
In a menu or submenu, select X to directly return to the map.

**Current location**
Select the street name on the bottom of the screen. Information on the current location is displayed.
To save the current location as favourite, select Favourite. The ★ icon is filled and the location is saved in the favourites list.

**Map settings**

**Map view**
Three different map views are available for selection.
Select ☰ on the map screen and then repeatedly select the map view screen button to toggle between the options.

Depending on the former setting, the screen button is labelled 3D Head Up, 2D Head Up or 2D North Up. The map view changes according to the screen button.
Select the desired option.

**Map colours**
Depending on the external lighting conditions, the colouring of the map screen (light colours for the day and dark colours for the night) can be adapted.
Select ☰ on the map screen to display the Options menu. Select Navigation Settings and then Map colours.

The default setting is Auto. When Auto is activated, the screen adjusts automatically.
Alternatively, activate Day (light) or Night (dark) for an only light or only dark screen.

**Autozoom function**
If the autozoom function is activated (default setting), the zoom level changes automatically when approaching a turning manoeuvre during active route guidance. This way, you always get a good overview of the respective manoeuvre.
If the autozoom function is deactivated, the selected zoom level remains the same during the whole route guidance process.
To deactivate the function, select ☰ on the map to display the Options menu. Select Navigation Settings and then Auto Zoom.
Touch the screen button again to reactivate the function.
POI (Points of Interest) icons on the map
POIs are points of general interest, e.g. gas stations or restaurants.
The display of POI categories shown on the map may be personally adapted.
Select ¢ on the map to display the Options menu. Select Navigation Settings and then Show on map.
Activate the desired POI categories.

Traffic events on the map
Traffic events may be directly indicated on the map.
To activate the function, select ¢ on the map to display the Options menu. Select Traffic on Map. The screen button changes to activation mode.
To deactivate the function, select Traffic on Map again.

Time indication
The time indication during active route guidance may be displayed in two different modes: the remaining time (until the destination will be reached) or the arrival time (when the destination will be reached).
Select ¢ on the map to display the Options menu. Select Navigation Settings and then Time to Destination Format.
Activate the desired option in the submenu.

Note
During active route guidance, the time indication can be changed by simply tapping on the time indication field on the screen.

Alert preferences
If desired, you may receive an additional notification in specific traffic zones.
Select ¢ on the map to display the Options menu. Select Navigation Settings and then Alert Preferences.
If Safety camera is activated, you are warned when approaching a stationary speed camera.

Note
This function is only available if such an alert system corresponds to the legal provisions applicable in the country you are in.
Activate the desired option.

Voice guidance
The route guidance process can be supported by voice prompts given out by the system.

Note
The navigation voice prompts function is not supported for all languages. If there are no voice prompts available, the system automatically plays a tone to indicate a manoeuvre ahead.

Activation
The voice guidance function is activated by default. To deactivate the function, select ¢ on the map to display the Options menu and then touch Voice Guidance. The screen button changes.
Select the screen button again to reactivate the function.

Voice guidance settings
To define which system outputs may assist during active route guidance, select ¢ on the map, Navigation Settings and then Voice Guidance.
If Normal voice guidance is activated, a voice announces the next turning manoeuvre to be taken. If Beep only is activated, only beep tones are given out for notification.

In the submenu of Prompts during Phone Call, the possible voice outputs during a phone call can be set.

Activate the desired options.

**Note**
Voice guidance prompts are only given out if Voice Guidance is activated in the Options menu, see above.

**Information**
Select 📇 on the map to display the Options menu. Select Navigation Settings and then About.

The texts of the manufacturer’s terms and conditions or privacy statement can be accessed via the respective menu items.

The navigation map version is displayed.

**Destination input**
The navigation application provides different options to set a destination for route guidance.

**Destination input via map**
It is possible to directly enter destinations from the map screen.

**Personal addresses on the map**
You can predefine two address shortcuts (e.g. Home and Work) to easily start route guidance to these two places. The addresses can be defined in the settings menu and be labelled individually. Then, they can be directly selected from the map.

To save the addresses, select 📇 on the map, Navigation Settings and then Set up My Places.

Select one of the menu items (Home and Work by default). Use the keyboard to enter the required data in the address field. For a detailed description of the keyboard, see below.

To change the name of the personal address, select 📇 to hide the keyboard and select one of the items in the list. Alternatively, enter a new name in the first entry field.

If necessary, tap within one of the entry fields to redisplay the keyboard and select Done. The location is saved as shortcut.

To start route guidance to one of these locations, select the = screen button on the map. The two destinations are displayed.

Select one of the screen buttons. The Routes menu is displayed.

Activate the desired route and then select Go to start route guidance.

**Destination selection via map**
Scroll to the desired map section. Touch and hold the desired location on the screen. The map centres around this location.

A red 📍 is displayed at the respective location and the corresponding address is shown on a label.
Infotainment system

Touch the label. The **Details** menu is displayed. Select **Go** to start route guidance.

**Keyboard entry**

Select **Q** on the map to display the destination search menu.

You can directly enter a search word e.g. address, POI category or name, phone contact, favourite, recent destination or coordinates in the entry field on top of the search menu screen.

**Note**

Coordinates have to be entered in the following way: latitude, longitude e.g. "43.3456, 9.432435".

Alternatively, select **Address**, **POI** or **Junction** to use a search mask. If required, touch **>** to scroll the page.

To access the number and symbol keyboard, select **?123**. Select **ABC** at the same position on the keyboard to return to the letter keyboard.

To enter a character, touch the respective screen button. The character is entered upon release.

Touch and hold a letter screen button to display associated letters in a letter pop-up menu. Release and then select the desired letter.

To enter capital letters, select **b** and then the desired character.

To delete a character, select **k**. To delete the whole entry, select the tiny **X** within the entry field.

As soon as characters are entered, the system makes search word suggestions. Every additional character is considered in the matching process.
If desired, select one of the search words suggested. When the entry fields are filled out, select Search on the keyboard. The Results menu is displayed.

Select the desired destination. The Details menu is displayed. Select Go to start route guidance.

Considering the letters entered, the system also creates a list of probable destinations assembled from phone contacts, POIs, addresses, recent destinations and favourites. Touch ▼ on the bottom of the screen to hide the keyboard and gain access to the list.

To redisplay the keyboard, tap within the entry field.

If desired, select a destination from the list. The Details menu is displayed. Select Go to start route guidance.

Lists with selectable destinations

To access the lists, select ½ on the map and, if required, touch ¾ to scroll the page.

Select one of the options:
- **Recent**: list of destinations recently used
- **Favourites**: list of destinations stored as favourites
- **Contacts**: list of addresses stored in the phone book of the mobile phone currently connected via Bluetooth

To choose a destination from one of the lists, scroll through the respective list and select the desired destination. The Details menu is displayed. Select Go to start route guidance.

Recent destinations

The recent destinations list is automatically filled with destinations used in route guidance.

The addresses in the recent destinations list can be stored as favourites. Enter the recent destinations list, select ½ next to the desired address to display additional function buttons and then select ★. If the icon is filled, the address is saved in the favourites list.

Addresses can be deleted from the recent destinations list. Enter the recent destinations list, select ½ next to the desired address and then select ¾ to delete the respective address.

Favourites

Favourites can be added when a ★ icon is displayed next to an address. When the star icon is filled, the respective address is stored as a favourite.
The position of a favourite in the list can be changed. Enter the favourites list, select ↑ next to the desired favourite to display additional function buttons and then select ▲ or ▼.

The name of a favourite can be changed. Enter the favourites list, select ↑ next to the desired favourite to display additional function buttons and then select ✩. A keyboard is displayed. Enter the desired name and then select Done.

Favourites can be deleted. Enter the favourites list, select ↑ next to the desired favourite to display additional function buttons and then select ✫. The favourite is deactivated (unfilled star). If you select the icon again, the favourite is reactivated (filled star). When leaving the favourites list while favourites are deactivated, they are deleted from the list.

Contacts
You can search for addresses within the list by using the keyboard. Enter the first letters of the word (name or address) you want to search for. All entries containing a word starting with these letters are displayed.

For a detailed description of the keyboard, see above.

Category search
POIs can also be searched by categories.
Select ⌘ on the map and then select POI.

Note
If desired, set the location around which you want to search for POIs via keyboard entry in the second entry field (default setting: Nearby) and then use the category search menu.

If required, scroll to the desired page and then select one of the main categories in the menu.
Depending on the category selected, different subcategories may be available.

Navigate through the subcategories until you reach the Results list.
Select the desired POI. The Details menu is displayed. Select Go to start route guidance.

Results list
In the Results list, different possible destinations are listed.
Choose between the tabs:

- **Along Route**: possible destinations along the route currently active
- **At Destination**: possible destinations around the destination of the route

The list can be sorted in two different ways. Select ⚙️ in the top right corner of the screen and activate the desired option.

If you activate sorting by relevance, the system tries to give you the best match according to your search term.

If you activate sorting by distance, the system arranges the destinations according to their distance to your current location.

**Details menu**

After a destination has been selected, the Details menu is displayed.

**Storing favourites**

To store the respective destination as a favourite, activate Favourite (filled star: favourite saved, unfilled star: favourite not saved).

The destination is stored as a favourite and may then be accessed via the favourites list.

**Initiating a phone call**

In some cases, e.g. when a POI has been selected, a phone number might be available for the respective destination. To call this phone number, select ☎️.
Setting the route
In case the system finds more than one possible route, you can choose between the routes suggested. Select Routes to display a list of all routes detected by the system. Activate the desired route and then select Go to start route guidance.

Routes with several destinations
After route guidance has been started, it is possible to add destinations to the active route, e.g. to pick up a friend on the way or stop at a gas station.

**Note**
Up to five destinations can be combined in one route.

Start route guidance to the desired destination.
To add another destination, select 📍 on the map and then select Add Destination. The destination search menu is displayed.

Navigate to the desired destination. The Details menu is displayed. Select Add.

**Note**
If you select Go, route guidance to the destination first selected is stopped and route guidance to the new destination is started.

The destinations are arranged in the order in which they are entered while the last destination added is the first you are guided to. In order to check or confirm while driving, the name of the next destination is displayed above the arrival time and distance.
The order of the destinations can be changed 176.

**Guidance**
Route guidance is provided by the navigation system through visual instructions and voice prompts (voice guidance).

**Visual instructions**
Visual instructions are provided on the display.

**Voice guidance**
Navigation voice prompts announce which direction to follow, when approaching an intersection at which you need to turn.

To activate the voice prompts function 167.

Touch the big turn arrow on the left side of the screen to replay the last voice guidance instruction.
Starting and cancelling route guidance

To start route guidance, select Go in the Details menu after a destination has been selected 171.

To cancel route guidance, select Cancel on the left side of the screen 167.

Destinations list

The Destinations list contains all destinations belonging to the route currently active.

Touch within the time and distance field. The Destinations list is displayed.

In case a phone number is available, select to start a phone call.

To change the order of the destinations, select in the field of the destination whose position is to be changed. The order is rearranged and the destination selected is set at the first position.

To delete a destination from the route, select in the field of the respective destination. The destination is deleted and the route is rearranged.

Turn list

The next turning manoeuvre is displayed on the left side of the screen.

Select underneath the manoeuvre indication to display the turn list. The turn list contains all upcoming turns on the active route.

Select the arrow above the list to return to the normal navigation map screen.

To display a turning manoeuvre on the map, scroll through the list and touch the desired manoeuvre. The map jumps to the respective location on the map.

To avoid a route section, select next to the respective turning manoeuvre. A symbol is displayed.

To recalculate the route without the respective route section, select . The route is changed.

Select the arrow above the list to return to the normal navigation map screen.
Traffic settings

There are different options available concerning traffic events.

Traffic list

The traffic list contains all traffic events detected by the system.

To access the traffic list, select 📍 on the map and then Traffic List. The list is displayed.

If route guidance is active, choose between the tabs:
- **Along Route**: traffic events along the active route
- **Nearby**: traffic events close to the current location of the vehicle

Traffic events

If required, scroll to the desired traffic event.

To display additional information, select the respective traffic event.

List sorting

The nearby list can be organised in two different ways.

To change the sorting order, select ⬇️ in the top right corner of the screen.

The Traffic Events Sorting menu is displayed.

Activate the desired option.

Traffic station

The traffic message channel providing the traffic information can be personally set, if desired.

Select 📍 on the map to display the Options menu. Select Navigation Settings and then Traffic Resource.

A list of all traffic stations currently available is displayed.

By default, **Auto** is activated. The station is adapted automatically by the system.

If you want the traffic information to be taken from a specific station, activate the respective station.

Traffic avoidance function

Traffic events are taken into consideration when the system determines a route to a destination.

During active route guidance, the route can be modified according to incoming traffic messages.

To set the parameters for these modifications, select 📍 on the map to display the Options menu. Select **Navigation Settings**, **Routing options** and then **Auto-Reroute to Avoid Traffic**.

If you want the system to automatically modify the route according to new traffic messages, activate **Automatically reroute**.
If you want to be consulted when a route is modified, activate *Always ask.*
If you do not want routes to be modified, activate *Never.*

**Route settings**
Parameters for road and route selection can be set.

**Road types**
If desired, certain road types can be avoided.
Select ✖ on the map to display the Options menu. Select *Avoid on Route* and then activate the road types you want to be avoided.

**Note**
If route guidance is active when changing the road settings, the route is recalculated according to the new settings.

**Route type**
To set the route type, select ✖ on the map to display the Options menu. Select *Navigation Settings, Routing options* and then *Route type.*

Activate the desired option:
- *Fastest* for the fastest route
- *Eco-friendly* for a route that allows ecologically friendly driving

**Speech recognition**

**General information**
The voice pass-thru application of the Infotainment system allows access to the speech recognition commands on your smartphone. See your smartphone manufacturer's operating instructions to find out whether your smartphone supports this feature.

In order to use the voice pass-thru application, the smartphone must be connected to the Infotainment system via USB cable 159 or via Bluetooth 181.

**Usage**

**Activating speech recognition**
Press and hold ✍ on the control panel or ⚙ on the steering wheel to start a speech recognition session. A voice command message is displayed on the screen.
As soon as a beep is heard, you can say a command. For information on the commands supported, see the operating instructions of your smartphone.

Adjusting the volume of voice prompts
Turn ♫ on the control panel or press + / - on the right side of the steering wheel to increase or decrease the volume of voice prompts.

Deactivating speech recognition
Press ✗ on the steering wheel. The voice command message disappears and the speech recognition session is ended.

Phone

General information
The phone function provides you with the possibility of having mobile phone conversations via a vehicle microphone and the vehicle loudspeakers as well as operating the most important mobile phone functions via the Infotainment system in the vehicle. To be able to use the phone function, the mobile phone must be connected to the Infotainment system via Bluetooth. Not all phone functions are supported by every mobile phone. The usable phone functions depend on the relevant mobile phone and network provider. You can find further information on this in the operating instructions of your mobile phone, or you can enquire about them with your network provider.

Important information for operation and traffic safety

⚠️ Warning
Mobile phones have effects on your environment. For this reason safety regulations and directions have been prepared. You should be familiar with the related directions before you use the telephone function.

⚠️ Warning
Use of the hands-free facility while driving can be dangerous because your concentration is reduced when telephoning. Park your vehicle before you use the hands-free facility. Follow the stipulations of the country in which you find yourself at present.

Do not forget to follow the special regulations that apply in specific areas and always switch off the mobile phone if the use of mobile phones is prohibited, if
interference is caused by the mobile phone or if dangerous situations can occur.

Bluetooth

The phone function is certified by the Bluetooth Special Interest Group (SIG).


Bluetooth connection

Bluetooth is a radio standard for the wireless connection of e.g. mobile phones, smartphones or other devices.

The pairing and connecting of the Bluetooth devices to the Infotainment system are carried out via the Bluetooth menu. Pairing is the PIN code exchange between the Bluetooth device and the Infotainment system.

Bluetooth menu

Press ☑ and then select Settings.

Select Bluetooth to display the Bluetooth menu.

Pairing a device

Important information
- Up to ten devices can be paired to the system.
- Only one paired device can be connected to the Infotainment system at a time.
- Pairing only needs to be carried out once, unless the device is deleted from the list of paired devices. If the device has been connected previously, the Infotainment system establishes the connection automatically.
- Bluetooth operation considerably drains the device’s battery. Therefore, connect the device to the USB port for charging.

Pairing a new device

1. Activate the Bluetooth function of the Bluetooth device. For further information, see the operating instructions of the Bluetooth device.
2. Press ☑ and then select Settings on the display. Select Bluetooth and then Device Management to display the respective menu.
Infotainment system

Note
If no phone is connected, the Device Management menu can also be accessed via the phone menu: Press \& and then select Phone.

3. Touch Search Device. All discoverable Bluetooth devices in the environment are displayed in a new search list.

4. Touch the Bluetooth device you wish to pair.

5. Confirm the pairing procedure:
   - If SSP (secure simple pairing) is supported:
     - On the Infotainment system: an Info message is displayed asking you to enter a PIN code on your Bluetooth device.
     - On the Bluetooth device: enter the PIN code and confirm your input.
       
6. The Infotainment system and the device are paired.

Note
If the Bluetooth device is successfully paired, \& next to the Bluetooth device indicates that the phone function is enabled and \& indicates that the Bluetooth music function is enabled.

7. The phone book is downloaded automatically to the Infotainment system. Depending on the phone, the Infotainment system must be allowed access to the phone book. If required, confirm the messages displayed on the Bluetooth device.

Changing the Bluetooth PIN code
Press \& and then select Settings. Select Bluetooth and then Change Pairing PIN to display the respective submenu. A keypad is displayed.

Enter the desired four-digit PIN code. To delete an entered number, select ⇐. Confirm your input by selecting Enter.

Connecting a paired device
Press \& and then select Settings. Select Bluetooth and then Device Management to display the respective menu.

Select the Bluetooth device you wish to connect. The device is connected.

Note
The connected device and the available options are highlighted.
### Disconnecting a device

Press 📲 and then select **Settings**.

Select **Bluetooth** and then **Device Management** to display the respective menu.

Select the Bluetooth device currently connected. You are prompted with a message.

Select **Yes** to disconnect the device.

### Deleting a device

Press 📲 and then select **Settings**.

Select **Bluetooth** and then **Device Management** to display the respective menu.

Select ✖️ next to the Bluetooth device. You are prompted with a message.

Select **Yes** to delete the device.

### Device info

Press 📲 and then select **Settings**.

Select **Bluetooth** and then **Device Information** to display the respective menu.

The information displayed includes **Device Name**, **Address**, and **PIN Code**.

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection setup cannot be guaranteed in all situations. For this reason you should not rely exclusively on a mobile phone when a vitally important communication (e.g. a medical emergency) is concerned. In some networks it may be necessary for a valid SIM card to be properly inserted in the mobile phone.</td>
</tr>
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<table>
<thead>
<tr>
<th>Warning</th>
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</thead>
<tbody>
<tr>
<td>Bear in mind that you can make and receive calls with the mobile phone if it is in a service area with a sufficiently strong signal. Under certain circumstances, emergency calls cannot be made in all mobile phone networks; problems may occur when certain network services and/or telephone functions are active. You can enquire about this with the local network operators. The emergency call number can differ depending on the region and country. Please enquire beforehand about the correct emergency call number for the relevant region.</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not end the call until you are requested to do so by the emergency call centre.</td>
</tr>
</tbody>
</table>

### Emergency call

Dial the emergency call number (e.g. 112).

The telephone connection to the emergency call centre is set up.

Answer when the service personnel questions you about the emergency.
Operation
As soon as a connection via Bluetooth has been set up between your mobile phone and the Infotainment system, you can operate many functions of your mobile phone via the Infotainment system.

Note
In the hands-free mode, mobile phone operation is still possible, e.g. taking a call or adjusting the volume.

After setup of a connection between the mobile phone and the Infotainment system, mobile phone data is transmitted to the Infotainment system. This can take some time depending on the mobile phone and the amount of data to be transferred. During this period, operation of the mobile phone via the Infotainment system is possible only to a limited extent.

Note
Not every mobile phone fully supports the phone function. Therefore, deviations from the range of functions described below are possible.

Phone main menu
Press  and then select Phone to display the respective menu.

![Phone main menu image]

Note
The Phone main menu is only available if a mobile phone is connected to the Infotainment system via Bluetooth. For a detailed description  181.

Many functions of the mobile phone can now be controlled via the phone main menu (and associated submenus), and via the phone-specific controls on the steering wheel.

Initiating a phone call

Entering a phone number
Press  and then select Phone.

Enter a telephone number using the keypad in the phone main menu.
To delete one or more entered characters, touch or touch and hold ⇐.

Touch ✆ on the screen or press ✆ on the steering wheel to start dialling.

Using the phone book

Note
When pairing a mobile phone with the Infotainment system via Bluetooth, the phone book of the mobile phone is downloaded automatically  181.

Press  and then select Phone.
Select Contacts in the phone main menu.
Note
The symbol next to a phone number indicates that the contact is stored on the SIM card.

Quick search
1. Select to display a list of all contacts.
2. Scroll through the list of contacts entries.
3. Touch the contact you wish to call. A menu with all phone numbers stored for the selected contact is displayed.
4. Select the desired phone number to initiate the call.

Search menu
If the phone book contains a large number of entries, you can search for the desired contact via the search menu.
Select in the Contacts menu to display the search tab.

The letters are organised in alphabetical groups on the screen buttons: abc, def, ghi, jkl, mno, pqrs, tuv, and wxyz.
Use ⇦ to delete an entered group of letters.
1. Select the button containing the first letter of the contact you wish to search for.

For example: If the contact you wish to search for starts with 'g' select the ghi screen button.
All contacts containing one of the letters on this button, in the example 'g', 'h', and 'i', are displayed.

2. Select the button containing the second letter of the contact you wish to search for.

3. Continue to enter more letters of the contact you wish to search for until the desired contact is displayed.

4. Touch the contact you wish to call. A menu with all phone numbers stored for the selected contact is displayed.

5. Select the desired phone number to initiate the call. The following screen is shown.
Contacts settings
The contacts list can be sorted by last name or first name.
Press 📞 and then select Settings to display the respective menu.
Select Bluetooth and then Sort Order. Activate the desired option.

Using the call history
All incoming, outgoing, or missed calls are registered.
Press 📞 and then select Phone.
Select Call History in the phone main menu.

Select ✉️ for outgoing calls, 📞 for missed calls, ✉️ for incoming calls and ✉️ for all calls. The respective call list is displayed.
Select the desired entry to initiate a call.

Redialling a number
The last dialled phone number can be redialled.
Press 📞 and then select Phone.
Select ✉️ on the screen or press 📞 on the steering wheel.

Using speed dial numbers
Speed dial numbers that are stored on the mobile phone can also be dialled using the keypad of the phone main menu.
Press 📞 and then select Phone.
Touch and hold the respective digit on the keypad to initiate the call.

Incoming phone call

Taking a call
If an audio mode, e.g. the radio or USB mode, is active at the moment a call comes in, the audio source is muted and stays muted until the call ends.
A message with the caller's phone number or name (if available) is displayed.
To answer the call, select 📞 in the message or press 🎤 on the steering wheel.

Rejecting a call
To reject the call, select 📰 in the message or press 🎤 on the steering wheel.

Changing the ring tone
Press 🎧 and then select Settings.
Select Bluetooth and then Ringtones to display the respective menu. A list of all paired devices is displayed.
Select the desired device. A list of all ringtones available for this device is displayed.

Select one of the ringtones.

Functions during a call
During an ongoing phone call, the phone main menu is displayed.

Deactivating the hands-free mode temporarily
To continue the conversation via the mobile phone, activate 📱.
To return to the hands-free mode, deactivate 📱.

Deactivating the microphone temporarily
To mute the microphone, activate 🎤.

To reactivate the microphone, deactivate 🎤.

Ending a phone call
Select 📰 to end the call.

Voice mail box
You may operate your voice mail box via the Infotainment system.

Voice mail number
Press 🎧 and then select Settings.
Select Bluetooth. Scroll through the list and select Voice Mail Numbers.
A list of all paired devices is displayed.
Select the respective phone. A keypad is displayed.
Enter the voice mail number for the respective phone.

Calling the voice mail box
Press 🎧 and then select Phone.
Select 📱 on the screen. The mail box is called.
Alternatively, enter the voice mail number via the phone keypad.
Mobile phones and CB radio equipment

Installation instructions and operating guidelines

The vehicle specific installation instructions and the operating guidelines of the mobile phone and hands-free manufacturer must be observed when installing and operating a mobile telephone. Failure to do so could invalidate the vehicle type approval (EU directive 95/54/EC).

Recommendations for fault-free operation:

- Professionally installed exterior antenna to obtain the maximum range possible
- Maximum transmission power 10 W
- Installation of the phone in a suitable spot, consider relevant Note in the Owner's Manual, section Airbag system.

Seek advice on predetermined installation points for the external antenna or equipment holder and ways of using devices with a transmission power exceeding 10 W.

Use of a hands-free attachment without external antenna with mobile telephone standards GSM 900/1800/1900 and UMTS is only permitted if the maximum transmission power of the mobile telephone is 2 W for GSM 900 or 1 W for the other types.

For reasons of safety, do not use the phone while driving. Even use of a hands-free set can be a distraction while driving.

⚠️ Warning

Operation of radio equipment and mobile telephones which fail to meet above mentioned mobile telephone standards is only permitted using an antenna located outside of the vehicle.

Caution

Mobile telephones and radio equipment may lead to malfunctions in the vehicle electronics when operated inside the vehicle with no exterior antenna, unless the above mentioned regulations are observed.
Climate control

Climate control systems

Heating and ventilation system

Controls for:
- temperature
- air distribution
- fan speed
- demisting and defrosting

Heated rear window \(\mathbb{R} \Rightarrow 33\).

Temperature
red : warm
blue : cold

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

Air distribution

\(\mathbb{W} :\) to windscreen and front door windows

\(\mathbb{J} :\) to head area via adjustable air vents

\(\mathbb{U} :\) to foot well and windscreen

All combinations are possible.

Fan speed

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

Demisting and defrosting

- Press \(\mathbb{W}\): fan automatically switches to higher speed, the air distribution is directed towards the windscreen.
- Set temperature control to warmest level.
- Switch on heated rear window \(\mathbb{R}\).
- Open side air vents as required and direct them towards the door windows.
Air conditioning system

In addition to the heating and ventilation system, the air conditioning system has controls for:

- 🌡️: cooling
- ⚪️: air recirculation

Heated seats ⬆️ ⬇️ 43, Heated steering wheel ⚫ ⬇️ 97.

Cooling 🌡️

Press 🌡️ to switch on cooling. The LED in the button illuminates to indicate activation. 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 ⬇️ 201.

Air recirculation system ⚪️

Press ⚪️ to activate air recirculation mode. The LED in the button illuminates to indicate activation.

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:

- Switch on cooling 🌡️.
- Air recirculation system ⚪️ on.
- Press air distribution switch ⬇️.
- Set temperature control to coldest level.
- Set fan speed to highest level.
- Open all vents.
Demisting and defrosting the windows

- Press \( \bigcirc \): fan automatically switches to higher speed, the air distribution is directed towards the windscreen.
- Set temperature control to warmest level.
- Switch on heated rear window \( \bigcirc \).
- Open side air vents as required and direct them towards the door windows.

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

Stop-start system \( \bigcirc \) 201.

Electronic climate control system
The dual zone climate control allows different climatisation temperatures for driver side and front passenger side.
In automatic mode, temperature, fan speed and air distribution are regulated automatically.

Controls for:
- temperature on driver side
- air distribution
- fan speed
- temperature on front passenger side

\( \bigcirc \) : cooling
AUTO : automatic mode
\( \bigcirc \) : manual air recirculation
\( \bigcirc \) : demisting and defrosting

Heated rear window \( \bigcirc \) 33, Heated seats \( \bigcirc \) 43, Heated steering wheel \( \bigcirc \) 97.
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 LED in the button illuminates to indicate activation. The air distribution and fan speed are regulated automatically.
- Open all air vents to allow optimised air distribution in automatic mode.
- Press ♦ to switch on optimal cooling and demisting. The LED in the button illuminates to indicate activation.
- Set the preselected temperatures for driver and front passenger using the left and right rotary knobs. Recommended temperature is 22 °C.

The fan speed regulation in automatic mode can be changed in the **Settings** menu in the Info-Display.

Vehicle personalisation ◇ 124. All air vents are actuated automatically in automatic mode. The air vents should therefore always be open.

**Temperature preselection**

Temperatures can be set to a desired value between 16 °C and 28 °C.
If the minimum temperature $L_0$ is set, the climate control system runs at maximum cooling, if cooling $\bigcirc$ is switched on.

If the maximum temperature $H_i$ is set, the climate control system runs at maximum heating.

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

Stop-start system $\diamondsuit$ 201.

---

**Demisting and defrosting the windows $\bigtriangledown$**

- Press $\bigtriangleup$. The LED in the button illuminates to indicate activation.
- Temperature and air distribution are set automatically and the fan runs at high speed.
- Switch on heated rear window $\bigtriangledown$.
- To return to previous mode: press $\bigtriangleup$. To return to automatic mode: press AUTO.

Setting of automatic rear window heating can be changed in the Settings menu in the Info-Display. Vehicle personalisation $\diamondsuit$ 124.

**Note**
If $\bigtriangleup$ is pressed while the engine is running, an Autostop will be inhibited until $\bigtriangleup$ is pressed again.

If $\bigtriangledown$ is pressed with the fan switched on while the engine is in an Autostop, the engine will restart automatically.

Stop-start system $\diamondsuit$ 201.

**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 $\bigstar$**
Press the lower button to decrease or upper button to increase fan speed. The fan speed is indicated by the number of segments in the display.

Pressing and holding the lower button: fan and cooling are switched off.

Pressing and holding the upper button: the fan runs at maximum speed.

To return to automatic mode: Press AUTO.

Air distribution 🧤, 🧥, 🧦

Press appropriate button for desired adjustment. The LED in the button illuminates to indicate activation.

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

🧥: to head area via adjustable air vents

🧦: to foot well and windscreen

All combinations are possible.

To return to automatic air distribution: press AUTO.

**Cooling 🐼**

Press 🐼 to switch on cooling. Activation is indicated by 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) when outside temperature is above a specific level. 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. Stop-start system 🚦 201.

The display will indicate ACON when cooling is activated or ACOFF when the cooling is deactivated.

Activation or deactivation of cooling operation after engine start can be changed in the Settings menu in the Info-Display. Vehicle personalisation 🝔 124.

**Air recirculation mode 🧪**

Press 🧪 to activate air recirculation mode. The LED in the button illuminates to indicate activation.

Press 🧪 again to deactivate 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
Climate control

directed towards it. If windscreen mists up from outside, activate windscreen wiper and deactivate 🙇.

Basic settings
Some settings can be changed in the Settings menu in the Info-Display. Vehicle personalisation 124.

Auxiliary heater
Air heater
Quickheat is an electric auxiliary air heater which automatically warms up the passenger compartment more quickly.

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

Adjustable air vents
To open the vent, turn the adjuster wheel to 1. Adjust the air amount at the vent outlet by turning the adjuster wheel.

To close the vent, turn the adjuster wheel to 0.

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

Air vents for rear passenger are left and right side behind the front seats.

⚠️ 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.

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

Note
Refrigerant R-134a contains fluorinated greenhouse gases.
# Driving and operating

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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 \( \Rrightarrow \) 201.

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’s side.

Steering

If power steering assist is lost because the engine stops or due to a system malfunction, the vehicle can be steered but may require increased effort.

Control indicator \( \Rrightarrow \) 114.

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 and the cleaning process of the exhaust filter may take place more often. Autostop may be inhibited to allow for charging of the vehicle battery.

Exhaust filter \( \Rrightarrow \) 204.

Ignition switch positions

Turn key:
**Steering wheel lock**
Remove key from ignition switch and turn steering wheel until it engages.

⚠️ Danger
Never remove the key from ignition switch during driving as this will cause steering wheel lock.

**Retained power off**
The following electronic systems can work until the driver's door is opened or for ten minutes after the ignition is switched off:
- power windows
- power outlets

**Starting the engine**
Turn key to position 1 to release the steering wheel lock.
Manual transmission: operate clutch and brake pedal.
Automatic transmission: operate brake pedal and move selector lever to P or N.
Do not operate the accelerator pedal.
Diesel engines: turn the key to position 2 for preheating and wait until control indicator ⬇️ extinguishes.
Driving and operating

Turn key briefly to position 3 and release: an automatic procedure operates the starter with a short delay until the engine is running, see Automatic Starter Control.

Manual transmission: during an Autostop, the engine can be started by depressing the clutch pedal 201.

Automatic transmission: during an Autostop, the engine can be started by releasing the brake pedal 201.

Before restarting or to switch off the engine, turn the key back to position 0.

⚠️ Danger

Switching off the engine during driving may cause loss of power support for brake and steering systems. Assistance systems and airbag systems are disabled. Lighting and brake lights will extinguish. Therefore power down the engine and ignition while driving only when required in case of emergency.

Starting the vehicle at low temperatures

The start of the engine without additional heaters is possible down to -25 °C for diesel engines and -30 °C for petrol engines. Required is an engine oil with the correct viscosity, the correct fuel, performed services and a sufficiently charged battery. With temperatures below -30 °C the automatic transmission need 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 have 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 pedal is released. Depending on driving conditions, the overrun cut-off may be deactivated.
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. It starts the engine automatically as soon as the clutch is depressed. 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
If the vehicle is at a low speed or at a standstill, activate an Autostop as follows:
- Depress the clutch pedal.
- Move the selector lever to neutral.
- Release the clutch pedal.

The engine will be switched off while the ignition stays on.

Indication
An Autostop is indicated by the needle at the AUTOSTOP position in the tachometer.
After restart, the idle speed is indicated.
The stop-start system will be disabled on inclines of 12% or more.
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 exhaust 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 more details 191.

When the engine is restarted, control indicator in the Driver Information Centre extinguishes.

Immediately after motorway driving, an Autostop may be inhibited.
 New vehicle running-in 198.

Vehicle battery discharge protection
To ensure reliable engine restarts, several battery discharge protection features are implemented as part of the stop-start system.

Power saving measures
During an Autostop, several electrical features such as auxiliary electric heater or 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
Depress the clutch pedal to restart the engine.

If the selector lever is shifted out of neutral before depressing the clutch pedal first, control indicator illuminates or is shown as a message in the Driver Information Centre.

Control indicator 112.

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 charge level of the vehicle battery is below a defined level.
- 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 engine restart may 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.
- 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.

For vehicles with electric parking brake, pull switch for a minimum of one second until control indicator illuminates constantly and electric parking brake is applied.

- 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.
- 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.

- Lock the vehicle.
- 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.

Note
In the event of an accident with airbag deployment, the engine is turned off automatically if the vehicle comes to a standstill within a certain time.

Engine exhaust

⚠️ Danger
Engine exhaust gases contain poisonous carbon monoxide, which is colourless and odourless and could be fatal if inhaled. 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.

Exhaust filter
The exhaust filter is a particle filter for diesel and gasoline engines.

Automatic cleaning process
The exhaust 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 twelve 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.

System requires cleaning
Under certain conditions, e.g. driving 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 illumination of ⚠️ and a warning message in the Driver Information Centre.
Driving and operating

Driving and operating

illuminates along with a warning message when exhaust filter is full. Start cleaning process as soon as possible.

flashes along with a warning message when exhaust filter has reached the maximum filling level. Start cleaning process immediately to avoid damage to the engine.

Activate self-cleaning process

To activate cleaning process, continue driving, keep engine speed above 2000 rpm. Shift down if necessary. Exhaust filter cleaning is then started.

Cleaning process is completed more quickly at high engine speeds and loads.

Control indicator extinguishes as soon as the self-cleaning operation is complete. Keep on driving until self-cleaning operation is complete.

Caution

If possible, do not interrupt cleaning process. Drive until cleaning is completed to avoid the need for service or repair by a workshop.

Cleaning process not possible

If cleaning is not possible for any reason, control indicator illuminates and a warning message appears in the Driver Information Centre. Engine power may be reduced. Seek the assistance of a workshop immediately.

Catalytic converter

The catalytic converter reduces the amount of harmful substances in the exhaust gases.

Caution

Fuel grades other than those listed on pages 245, 311 could damage the catalytic converter or electronic components.

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.

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.
Driving and operating

AdBlue

General information

The selective catalytic reduction (BluelInjection) is a method to substantially reduce the nitrogen oxides in the exhaust emission. This is achieved by injecting a Diesel Exhaust Fluid (DEF) into the exhaust system. The ammonia released by the fluid reacts with nitrous gases \(\text{NO}_x\) from the exhaust and turns it into nitrogen and water.

The designation of this fluid is AdBlue®. It is a non-toxic, non-flammable, colourless and odourless fluid which consists of 32% urea and 68% water.

⚠️ Warning

Avoid contact of your eyes or skin with AdBlue.

In case of eye or skin contact, rinse off with water.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avoid contact of the paintwork with AdBlue.</td>
</tr>
<tr>
<td>In case of contact, rinse off with water.</td>
</tr>
</tbody>
</table>

AdBlue freezes at a temperature of approx. -11 °C. As the vehicle is equipped with an AdBlue pre-heater, the emissions reduction at low temperatures is ensured. The AdBlue pre-heater works automatically.

The typical AdBlue consumption is approx. 1.2 litres per 1000 km for vehicles with engine B16DTH or B16DTJ and approx. two litres per 1000 km for vehicles with engine B20DTH. The consumption can also be higher depending on driving behaviour (e.g. high load or towing).

AdBlue tank

At a remaining volume of approx. five litres, there is a liquid level switch. Warning messages are displayed only below that threshold. Tank volume ³ 316.

Level warnings

Depending on the calculated range of AdBlue, different messages are displayed in the Driver Information Centre. The messages and the restrictions are a legal requirement.

The first possible warning is **AdBlue Range: 2400 km**.

This warning will show up once briefly with the calculated range. Driving is possible without any restrictions.

The next warning level is entered with a range below 1750 km. The message with the current range will always be displayed when ignition is switched on and needs to be confirmed ³ 117. Refill AdBlue before entering the next warning level.

At an AdBlue range below 900 km, the following warning messages are alternately displayed and cannot be dismissed:

- **AdBlue Low Refill Now**
- **Engine Restart Prevented in 900 km**.

Additionally, control indicator ³ flashes continuously.
Note
In case of high AdBlue consumption, the Driver Information Centre may display this warning without the previous warning stages.

The last warning level is entered when the AdBlue tank is empty. Restart of the engine is not possible. The following warning messages are alternately displayed and cannot be dismissed:

- **AdBlue Empty Refill Now**
- **Engine Will Not Restart.**

Additionally, control indicator 🚥 flashes continuously.

With active prevention of an engine start, the following message will be displayed:

**Refill AdBlue To Start Vehicle.**

The tank must be refilled completely with AdBlue, otherwise restarting of the engine is not possible.

---

**High emission warnings**

If the exhaust emission rises above a certain value, warnings similar to the range warnings will be displayed in the Driver Information Centre.

Requests to have the exhaust system checked and finally the announcement of the prevention of an engine restart are displayed.

These restrictions are a legal requirement.

Consult a workshop for assistance.

---

**Refilling AdBlue**

**Caution**

- Only use AdBlue that complies with European standards DIN 70 070 and ISO 22241-1.
- Do not use additives.
- Do not dilute AdBlue.
- Otherwise the selective catalytic reduction system could be damaged.

---

**Note**

Whenever a filling pump with a nozzle for passenger cars is not available at a filling station, use only AdBlue bottles or canisters with a sealed refill adapter for refilling, to prevent splashback and overspill, and in order to ensure that the fumes from the tank are captured and do not emerge. AdBlue in bottles or canisters is available in many filling stations and can be purchased e.g. at Opel dealers and other retail outlets.

Since AdBlue has a limited durability, check the date of expiry before refilling.

**Note**

The refilling of AdBlue is only detected by the system when the abovementioned liquid level switch in the tank is activated.

In case AdBlue refill is not successfully detected:
Driving and operating

1. Continuously drive the vehicle for 10 minutes making sure that vehicle speed is always higher than 20 km/h.

2. If AdBlue refill is detected successfully, AdBlue supply-driven limitations will disappear. If AdBlue refill is still not detected, seek the assistance of a workshop.

If AdBlue must be refilled at temperatures below -11 °C, the refilling of AdBlue may not be detected by the system. In this event, park the vehicle in a space with a higher ambient temperature until AdBlue is liquefied.

Note
When unscrewing the protective cap from the filler neck, ammonia fumes may emerge. Do not inhale as the fumes have a pungent smell. The fumes are not harmful by inhalation.

The AdBlue tank should be filled completely. This must be done if the warning message regarding prevention of an engine restart is already displayed.

The vehicle must be parked on a level surface.
The filler neck for AdBlue is located behind the fuel filler flap, which is located at right rear side of the vehicle.
The fuel filler flap can only be opened if the vehicle is unlocked.

1. Remove key from ignition switch.

2. Close all doors to avoid ammonia fumes entering the interior of the vehicle.

3. Release the fuel filler flap by pushing the flap 248.

4. Unscrew protective cap from the filler neck.

5. Open AdBlue canister.

6. Mount one end of the hose on the canister and screw the other end on the filler neck.

7. Lift the canister until it is empty, or until the flow from the canister has stopped. This can take up to five minutes.

8. Place the canister on the ground to empty the hose, wait 15 seconds.

9. Unscrew the hose from the filler neck.

10. Mount the protective cap and turn clockwise until it engages.

Note
Dispose of AdBlue canister according to environmental requirements. Hose can be reused after flushing with clear water before AdBlue dries out.
Automatic transmission

The automatic transmission permits automatic gearshifting (automatic mode) or manual gearshifting (manual mode).

Manual shifting is possible in manual mode **M** by tapping the selector lever to + or - 210.

Transmission display

The mode or selected gear is shown in the Driver Information Centre.

In automatic mode, the driving programme is indicated by **D**.

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 mode
- **M**: manual mode

The selector lever is locked in **P** and can only be moved when the ignition is on, the release button on the selector lever is pushed and the brake pedal is applied.

Without brake pedal applied, the control indicator ( Runnable image | Opens in a new window) illuminates.

If the selector lever is not in **P** when the ignition is switched off, control indicator ( Runnable image | Opens in a new window) flashes.

To engage **P** or **R**, press the release button.
Driving and operating

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.

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 out of position D towards the left in position M.

Tap selector lever upwards + to shift to a higher gear.

Tap the selector lever downwards - 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.

Gear shift indication

The symbol ▲ with a number beside 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.
Driving and operating

- The automatic neutral shift function automatically shifts gear to idling when the vehicle is stopped with a forward gear engaged and the brake pedal is pressed.
- When SPORT mode is engaged, the vehicle shifts at higher engine speeds (unless cruise control is on). SPORT mode $\Rightarrow 218$.
- Special programmes automatically adapt the gearshift points when driving up inclines or down hills.
- In snowy or icy conditions or on other slippery surfaces, the electronic transmission control enables the driver to select manually first, second or third gear for starting off.

**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 a message is displayed in the Driver Information Centre. Vehicle messages $\Rightarrow 122$.

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 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 $\Rightarrow 296$.

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 at the front, fold it upwards and rotate it 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  114.

Stop-start system  201.
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 your 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) 112.

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) 113.

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.

Parking brake

⚠️ Warning

Before leaving the vehicle, check parking brake status. Control indicator (3) (manual parking brake) or (4) (electrical parking brake) must illuminate constantly.
Manual parking brake

Control indicator (ıdır) 112.

Electric 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 foot brake at the same time.

Warning

Applying when vehicle is stationary
Pull switch (ıdır) for a minimum of one second until control indicator (ıdır) illuminates constantly and electric parking brake is applied.

Warning

113. The electric parking brake operates automatically with adequate force.

Before leaving the vehicle, check the electric parking brake status. Control indicator (ıdır) 113.

The electric parking brake can always be activated, even if the ignition is off.
Do not operate electric parking brake system too often with engine not running, as this will discharge the vehicle battery.

Releasing
Switch on ignition. Keep foot brake pedal depressed and then push switch (ıdır).

Drive away function
Vehicles with manual transmission:
Depressing the clutch pedal and then slightly releasing the clutch pedal and slightly depressing the accelerator pedal releases the electric parking brake automatically. This is not possible when the switch (ıdır) is pulled at the same time.
Vehicles with automatic transmission: Engaging D and then depressing the accelerator pedal releases the electric parking brake automatically. This is not possible when the switch is pulled at the same time.

**Dynamic braking when vehicle is moving**
When the vehicle is moving and the switch is kept pulled, the electric parking brake system will decelerate the vehicle, but will not apply statically.
As soon as the switch is released, dynamic braking will be stopped.

**Functionality check**
When the vehicle is not moving, the electric parking brake might be applied automatically. This is done to check the system.

**Fault**
Failure mode of electric parking brake is indicated by a control indicator and by a vehicle message which is displayed in the Driver Information Centre. Vehicle messages 122.

Apply electric parking brake: pull and hold switch for more than five seconds. If control indicator illuminates, electric parking brake is applied.
Release electric parking brake: push and hold the switch for more than two seconds. If control indicator extinguishes, electric parking brake is released.
Control indicator flashes: electric parking brake is not fully applied or released. When continuously flashing, release electric parking brake and retry applying.

**Brake assist**
If brake pedal is depressed quickly and forcefully, maximum brake force is automatically applied.
Operation of brake assist might become apparent by a pulse in the brake pedal and a greater resistance when depressing the brake pedal.

Maintain steady pressure on the brake pedal as long as full braking is required. Maximum brake force is automatically reduced when 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.

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 \(\text{熄}114\) extinguishes.

When TC operates \(\text{熄}\) flashes.

TC can be switched off when spinning of drive wheels is required: press \(\text{熄}\) briefly.

\[\begin{array}{|c|c|}
\hline
\text{△ Warning} & \\
\hline
\text{Do not let this special safety feature tempt you into taking risks when driving.} & \\
\text{Adapt speed to the road conditions.} & \\
\hline
\end{array}\]

Control indicator \(\text{熄}114\).

Deactivation

A status message appears in the Driver Information Centre when TC is deactivated.

Control indicator \(\text{熄}\) illuminates.

Deactivation

When TC is deactivated, ESC remains active but with higher control threshold.

TC is reactivated by pressing \(\text{熄}\) 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 \(\text{熄}\) illuminates continuously and a message 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 \( \checkmark \) extinguishes.

When ESC operates \( \checkmark \) flashes.

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not let this special safety feature tempt you into taking risks when driving. Adapt speed to the road conditions.</td>
</tr>
</tbody>
</table>

Control indicator \( \checkmark \) 114.

**Deactivation**

ESC and TC can be deactivated:

- hold \( \checkmark \) pressed for a minimum of five seconds: ESC and TC are both deactivated. \( \checkmark \) and \( \checkmark \) illuminate and status messages appear in the Driver Information Centre.

- To deactivate only Traction control system press button \( \checkmark \) briefly: TC is inactive but ESC remains active, \( \checkmark \) illuminates. A status message appears in the Driver Information Centre when TC is deactivated.

ESC is reactivated by pressing the \( \checkmark \) button again. If the TC system was previously disabled, both TC and ESC are reactivated. \( \checkmark \) and \( \checkmark \) extinguishes 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 \( \mathcal{B} \) illuminates continuously and a message appears in the Driver Information Centre. The system is not operational. Have the cause of the fault remedied by a workshop.

Interactive driving system

Flex Ride
Flex Ride driving system allows the driver to select between three driving modes:

- **SPORT mode**: press **SPORT**, LED illuminates.
- **TOUR mode**: press **TOUR**, LED illuminates.
- **Normal mode**: neither **SPORT** or **TOUR** are pressed, no LED illuminates.

Deactivate SPORT mode and TOUR mode by pressing the corresponding button once more.

In each driving mode Flex Ride networks the following electronic systems:

- Continuous Damping Control
- Accelerator Pedal Control
- Steering Control
- Automatic transmission

**SPORT mode**

The settings of the systems are adapted to a sportier driving style.

**TOUR mode**

The settings of the systems are adapted to a comfort driving style.

**Normal mode**

All settings of the systems are adapted to standard values.

Drive mode control

Within each manual selected driving mode SPORT, TOUR or Normal, the Drive Mode Control (DMC) detects and analyses continuously the real driving characteristics, responses by the driver, and the active dynamic state of the vehicle. If necessary, the control unit of DMC automatically
changes the settings within the selected driving mode or, when recognising greater variations, the driving mode is changed for the length of variation.

If, for example, Normal mode is selected and DMC detects a sporty driving behaviour, DMC changes several settings of the Normal mode into sporty settings. The DMC changes to SPORT mode in case of very sporty driving behaviour.

If, for example, TOUR mode is selected and whilst driving on a winding road a sudden hard brake is necessary, DMC will detect the dynamic vehicle condition and changes the settings for suspension to SPORT mode to increase vehicle stability.

When the driving characteristic or the dynamic vehicle state returns to former state, DMC will change the settings to the preselected driving mode.

**Personalised settings in the Sport mode**

The driver can select the functions of the SPORT mode when SPORT is pressed.

Select the relevant settings in **Settings** in the Info-Display.

- Info-Display 121.
- Vehicle personalisation 124.

**Driver assistance systems**

<table>
<thead>
<tr>
<th>△ Warning</th>
</tr>
</thead>
</table>

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 km/h to maximum vehicle speed. Deviations from the stored speeds may occur when driving uphill or downhill.
For safety reasons, the cruise control cannot be activated until the foot brake has been operated once. Activation in first gear is not possible.

Do not use the cruise control if it is not advisable to maintain a constant speed.

With automatic transmission, only activate cruise control in automatic mode.

Control indicator 116.

Switching on the system

Press ; control indicator in instrument cluster illuminates white.

Activation of the functionality

Accelerate to the desired speed and turn thumb wheel to SET/-, the current speed is stored and maintained. Control indicator 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 of the functionality

Press ☐, control indicator ☐ in instrument cluster illuminates white. Cruise control is deactivated, but not switched off. Last stored speed remains in memory for later speed resume.

Automatic deactivation:
- Vehicle speed is below approx. 30 km/h.
- Vehicle speed drops more than 25 km/h below the set speed.
- The brake pedal is depressed.
- The clutch pedal is depressed for a few seconds.
- Selector lever is in N.
- Engine speed is in a very low range.
- The Traction Control system or Electronic Stability Control is operating.
- Parking brake is applied.
- Simultaneous pressing RES/+ and brake pedal deactivates cruise control and will delete stored speed.

Resume stored speed

Turn thumb wheel to RES/+ at a speed above 30 km/h. The stored speed will be obtained.

Switching off the system

Press ☐, control indicator ☐ in instrument cluster extinguishes. The stored speed is deleted.
Pressing ☐ 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 speeds above 25 km/h up to 200 km/h.
The driver can only accelerate up to the preset speed. Deviations from the limited speed may occur when driving downhill.

Activation of the functionality

The preset speed limit is displayed in the Driver Information Centre when the system is active.

Press ☐. Symbol ☐ illuminates in the Driver Information Centre.
If cruise control or adaptive cruise control has been activated before, it is switched off when speed limiter is activated and the control indicator ☐ extinguishes.
Set speed limit
Accelerate to the desired speed and briefly turn thumb wheel to SET/-: the current speed is stored as maximum speed. and the 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
When exceeding the limited speed without driver input, the speed will flash in the Driver Information Centre and a chime sounds during this period.

In the event of an emergency, it is possible to exceed the speed limit by depressing the accelerator pedal firmly nearly to the final point. In this case no chime appears.

Release the accelerator pedal and the speed limiter function is reactivated once a speed lower than the limit speed is obtained.

Deactivation of the functionality
Press : speed limiter is deactivated and the vehicle can be driven without speed limit.

The stored limited speed is indicated in brackets. Additionally, a corresponding message appears.

Resume limit speed
Turn thumb wheel to RES/+ . The stored speed limit will be obtained and is indicated without brackets in the Driver Information Centre.

Switching off the system
Press , the speed limit indication extinguishes in the Driver Information Centre. The stored speed is deleted.

By pressing to activate cruise control or adaptive 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.

Adaptive cruise control
Adaptive cruise control is an enhancement to traditional cruise control with the additional feature of maintaining a certain distance behind the vehicle ahead.
Adaptive cruise control automatically decelerates the vehicle when approaching a slower moving vehicle. It then adjusts the vehicle speed to follow the vehicle ahead at the selected following distance. The vehicle speed increases or decreases to follow the vehicle in front, but will not exceed the set speed. It may apply limited braking with activated brake lights.

The adaptive cruise control can store and maintain speeds over approx. 50 km/h and brakes automatically to follow a slower vehicle driving ahead down to a minimum speed of 30 km/h.

Adaptive cruise control uses a radar sensor to detect the vehicles ahead. If no vehicle is detected in the driving path, the adaptive cruise control will behave like a traditional cruise control.

For safety reasons, the system cannot be activated before the brake pedal has been depressed once after switching on ignition. Activation in first gear is not possible.

Adaptive cruise control is mainly advised to be used on long straight roads, e.g. highways or country roads with steady traffic. Do not use the system if it is not advisable to maintain a constant speed.

Control indicator ⚠ 117, ⚠ ⚠ 116.

⚠ Warning
The complete driver attention is always required while driving with adaptive cruise control. The driver stays fully in control of the vehicle because the brake pedal, the accelerator pedal and the cancel switch have priority over any adaptive cruise control operation.

Switching on the system
Press ⚠ to switch on adaptive cruise control. The control indicator ⚠ illuminates white. Additionally ⚠ appears in the Driver Information Centre.

Activation of the functionality by setting the speed
Adaptive cruise control can be activated between 50 km/h and 180 km/h.
Accelerate to the desired speed and turn thumb wheel to \textbf{SET/-}; the current speed is stored and maintained. Control indicator \( \mathcal{R} \) illuminates green.

The adaptive cruise control symbol \( \mathcal{R} \), the following distance setting and set speed are indicated in the Driver Information Centre.

The accelerator pedal can be released. Adaptive cruise control remains activated while gearshifting.

\textbf{Overriding set speed}

It is always possible to drive faster than the selected set speed by depressing the accelerator pedal. When the accelerator pedal is released, the vehicle returns to the desired distance if a slower vehicle is ahead. Otherwise it returns to the stored speed.

Once the system is activated, adaptive cruise control decelerates or brakes if it detects a vehicle ahead which is slower or closer than the desired following distance.

\textbf{Warning}

Accelerating by the driver deactivates automatic braking by the system. This is indicated as a pop-up warning in the Driver Information Centre.

\textbf{Increase speed}

With adaptive cruise control active, hold thumb wheel turned to \textbf{RES/+}: speed increases continuously in large increments, or activate \textbf{RES/+} repeatedly: speed increases in small increments.

If the vehicle is driven with adaptive cruise control active much faster than the desired speed, e.g. after depressing the accelerator pedal, then the current speed can be stored and maintained by turning the thumb wheel to \textbf{SET/-}.

\textbf{Reduce speed}

With adaptive cruise control active, hold thumb wheel turned to \textbf{SET/-}: speed decreases continuously in large increments, or activate \textbf{SET/-} repeatedly: speed decreases in small increments.

If the vehicle is driven with adaptive cruise control active much slower than the desired speed, e.g. because of a slower vehicle ahead, then the current speed can be stored and maintained by turning the thumb wheel to \textbf{SET/-}.

\textbf{Resume stored speed}

If the system is switched on but inactive, then turn thumb wheel to \textbf{RES/+} at a speed above 50 km/h to resume the stored speed.

The stored speed is indicated in brackets when the system is switched on but not active,
Setting the following distance

When adaptive cruise control detects a slower moving vehicle in the driving path, it will adjust the vehicle speed to maintain the following distance selected by the driver.

The following distance can be set to near, medium or far.

Press $\leftarrow$, the current setting is shown in the Driver Information Centre. Press $\leftarrow$ again to change the following distance. The setting is also displayed in the Driver Information Centre.

The selected following distance is indicated by filled distance bars on the adaptive cruise control page.

Note that the following distance setting is shared with the sensitivity setting of forward collision alert.

Example: If setting 3 (far) is selected, then the driver is warned sooner before a possible collision, also if adaptive cruise control is inactive or switched off.

Warning

The driver accepts full responsibility for the appropriate following distance based on traffic, weather and visibility conditions. Following distance must be adjusted or the system switched off when required by the prevailing conditions.

Detecting the vehicle ahead

The green illuminated vehicle ahead control indicator $\leftarrow$ is displayed when the system detects a vehicle in the driving path.

Forward collision alert $\leftarrow$ 229.

If this symbol does not appear, or appears briefly, adaptive cruise control will not respond to vehicles ahead.
Deactivation of the functionality

Adaptive cruise control is deactivated by the driver when:
- ❌ is pressed.
- Brake pedal is applied.
- Clutch pedal is depressed for more than four seconds.
- Selector lever of automatic transmission is moved to N.

The system is also automatically deactivated when:
- Vehicle speed accelerates above 190 km/h or slows down below 45 km/h.
- The Traction Control system is operating.
- Electronic Stability Control is operating.
- There is no traffic and nothing detected on the road sides for several minutes. In this case there are no radar echoes and the sensor may report that it is blocked.
- The active emergency braking system is applying the brakes.

- Driving on steep inclines.
- Radar sensor is blocked by an ice or water film.
- A fault is detected in the radar, engine or brake system.

When adaptive cruise control is deactivated, the control indicator changes from green to white and a pop-up message is displayed in the Driver Information Centre.

The stored speed is maintained and indicated in brackets in the Driver Information Centre. The system is deactivated but not switched off.

⚠️ Warning

When adaptive cruise control is deactivated, the driver must take over full brake and engine control.

Switching off the system

Press 🎫 to switch off adaptive cruise control. The control indicator 🎫 and 🎫 in the Driver Information Centre extinguish. The stored speed is deleted.

Switching off the ignition also switches off adaptive cruise control and deletes the stored speed.

Driver's attention

- Use adaptive cruise control carefully on bends or mountain roads, as it can lose the vehicle ahead and require time to detect it again.
- Do not use the system on slippery roads as it can create rapid changes in tyre traction (wheel spinning), so that you could lose control of the vehicle.
- Do not use adaptive cruise control during rain, snow or heavy dirt, as the radar sensor can be covered by a water film, dust, ice or snow. This reduces or completely suppresses the
visibility. In case of sensor blockage, clean the sensor cover.

**System limits**

- The system's automatic brake force does not permit hard braking and the braking level may not be sufficient to avoid a collision.
- After a sudden lane change, the system needs a certain time to detect the next preceding vehicle. So if a new vehicle is detected, the system may accelerate instead of braking.
- Adaptive cruise control does ignore the oncoming traffic.
- Adaptive cruise control does not brake for pedestrians, animals, very slow speed driving or stopped vehicles.
- Don't use adaptive cruise control when towing a trailer.

**Bends**

The adaptive cruise control calculates a predicted path based on the centrifugal force. This predicted path considers the current bend characteristic, but cannot consider a future bend change. The system may lose the current vehicle ahead or consider a vehicle which is not in the actual lane. This can happen when entering or exiting a bend or if the bend gets stronger or weaker. If it no longer detects any vehicle ahead, then control indicator A will extinguish.

If the centrifugal force is too high in a bend, the system slows down the vehicle slightly. This braking level is not designed to avoid spinning off the bend. The driver is responsible for reducing the selected speed before entering a bend and in general to adapt the speed to the road type and to existing speed limits.

**Motorways**

On motorways, adapt the set speed to the situation and the weather. Always consider that adaptive cruise control has a limited visibility range, a limited braking level and a certain reaction time to verify if a vehicle is in the driving path or not. Adaptive cruise control may not be able to brake the vehicle in time to avoid a collision with a much slower vehicle or after a lane change. This is particularly true if driving fast or if the visibility is reduced due to weather conditions.

While entering or exiting a motorway, adaptive cruise control may lose the vehicle ahead and accelerate up to
Driving and operating

the set speed. For this reason, decrease the set speed before the exit or before the entry.

Vehicle path changes

If another vehicle enters your driving path, adaptive cruise control will first consider the vehicle when it is completely in your path. Be ready to take action and depress the brake pedal, if you need to brake more quickly.

Hill and trailer considerations

System performance on hills and when towing a trailer depends on vehicle speed, vehicle load, traffic conditions and the road gradient. It may not detect a vehicle in your path while driving on hills. On steep hills, you may have to use the accelerator pedal to maintain your vehicle speed. When going downhill, especially when towing a trailer, you may have to brake to maintain or reduce your speed.

Note that applying the brake deactivates the system. It is not recommended to use adaptive cruise control on steep hills especially when towing a trailer.

Radar unit

The radar unit was aligned carefully during manufacture. Therefore, after a frontal accident, do not use the system. The front bumper may appear to be intact, however the sensor behind can be out of position and react incorrectly. After an accident,
consult a workshop to verify and correct the adaptive cruise control sensor position.

Settings
Settings can be changed in the vehicle personalisation menu in the Info-Display.
Select the relevant setting in Settings in the Info-Display.
Info-Display  121.
Vehicle personalisation  124.

Fault
If the adaptive cruise control does not work due to temporary conditions (e.g. blockage by ice) or if there is a permanent system error, then a message is displayed in the Driver Information Centre.
Vehicle messages  122.

Forward collision alert
The forward collision alert can help to avoid or reduce the damage caused by front-end crashes.

A vehicle ahead is indicated by a control indicator ⬿.

If a vehicle directly ahead is approached too quickly, a warning chime and alert in the Driver Information Centre is provided.
A precondition is that forward collision alert is activated in the vehicle personalisation menu  124 or that it is not deactivated by pressing (depending on the system, see following).

Depending on the vehicle's equipment, there are two variants of the forward collision alert available:

- Forward collision alert based on radar system
  on vehicles equipped with adaptive cruise control  222.
- Forward collision alert based on front camera system
  on vehicles with traditional cruise control  219.

Forward collision alert based on radar system
The system uses the radar sensor behind the radiator grille to detect a vehicle directly ahead, in your path, within a distance of max. 150 metres.

Activation
Forward collision alert operates automatically above walking speed, provided that Auto collision preparation setting is not deactivated in the vehicle personalisation menu  124.
Driving and operating

Selecting the alert sensitivity
The alert sensitivity can be set to near, medium or far.

Press \( \text{E} \); the current setting is shown in the Driver Information Centre. Press \( \text{E} \) again to change the alert sensitivity. The setting is also displayed in the top line of the Driver Information Centre.

Note that the alert timing sensitivity setting is shared with the following distance setting of the adaptive cruise control. So changing the alert timing sensitivity changes the adaptive cruise control following distance setting.

Alerting the driver
The vehicle ahead control indicator \( \text{X} \) illuminates green in the instrument cluster when the system has detected a vehicle in the driving path.

Caution
The colour lighting of this control indicator does not correspond to local traffic laws on following distance. The driver bears full responsibility for maintaining safe following distance according to applicable traffic rules, weather and road conditions etc. at all times.

When the distance to a preceding moving vehicle gets too small or when approaching another vehicle too rapidly and a collision is imminent the collision alert symbol pops-up in the Driver Information Centre and a warning chime sounds. Depress the brake pedal, if it is required by the situation.
Settings
Settings can be changed in the vehicle personalisation menu in the Info-Display.
Select the relevant setting in Settings in the Info-Display.
Vehicle personalisation 124.

Forward collision alert based on front camera system
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 \( \text{\#} \), see below.

Selecting the alert sensitivity
The alert sensitivity can be set to near, medium or far.

Press \( \text{\#} \); the current setting is shown in the Driver Information Centre. Press \( \text{\#} \) again to change the alert sensitivity.

Alerting the driver
The vehicle ahead control indicator \( \text{\#} \) illuminates green in the instrument cluster when the system has detected a vehicle in the driving path.

Caution
The colour lighting of this control indicator does not correspond to local traffic laws on following distance. The driver bears full responsibility for maintaining safe following distance according to applicable traffic rules, weather and road conditions etc. at all times.

When the distance to a preceding moving vehicle gets too small or when approaching another vehicle too rapidly and a collision is imminent the collision alert symbol pops-up in the
Driving and operating

Driver Information Centre and a warning chime sounds. Depress the brake pedal, if it is required by the situation.

Deactivation
The system can be deactivated. Press repeatedly until Forward Collision Alert Off appears in the Driver Information Centre.

General information for both variants of forward collision alert

⚠️ 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 only for vehicles, but may react also on other metallic 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, such as fog, rain, or snow
- when the sensor is blocked by snow, ice, slush, mud, dirt, windscreen damage or affected by foreign items, e.g. stickers

Following distance indication
The following distance indication displays the distance to a preceding moving vehicle. The system uses, depending on the vehicle equipment, either the radar behind the radiator grille or the front camera in the windscreen to detect the distance of a vehicle directly ahead in your 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 ➜ 117. Press MENU on the turn signal lever to select Vehicle Information Menu ➜ and turn the adjuster wheel to choose following distance indication page.

The minimum indicated distance is 0.5 s.
If there is no vehicle ahead or the vehicle ahead is out of range, two dashes will be displayed: -.-s.

If Adaptive cruise control is active, this page shows the alert sensitivity setting instead of following distance setting. ⚠️ 222.

Active Emergency Braking
Active emergency braking can help to reduce the damage and injury from crashes with vehicles and obstacles directly ahead, when a collision can no longer be avoided either by manual braking or by steering. Before the active emergency braking applies, the driver is warned by the forward collision alert ⚠️ 229.

The feature uses various inputs (e.g. radar sensor, brake pressure, vehicle speed) to calculate the probability of a frontal collision.

Active emergency braking operates automatically above walking speed, provided that Auto collision preparation setting is not deactivated in the vehicle personalisation menu ⚠️ 124.

The system includes:
- brake preparation system
- emergency automatic braking
- forward looking brake assist

⚠️ Warning
This system is not intended to replace the driver responsibility of driving the vehicle and looking ahead. Its function is limited to supplemental use only. The driver shall continue to apply the brake pedal as the driving situation dictates.

Brake preparation system
When approaching a vehicle ahead so quickly that a collision is likely, the brake preparation system slightly pressurises the brakes. This reduces the response time, when a manual or automatic braking is requested.

The brake system is prepared so that braking can occur more rapidly.

Emergency automatic braking
After the brake preparation and just before the imminent collision, this function automatically applies limited braking to reduce the impact speed of the collision.

Forward looking brake assist
In addition to brake preparation system and emergency automatic braking, the forward looking brake assist function makes the brake assist more sensitive. In this way, depressing the brake pedal slightly results immediately in a strong braking. This function helps the driver brake quicker and stronger before the imminent collision.
Driving and operating

⚠️ Warning

Active emergency braking is not designed to apply strong autonomous braking or to avoid automatically a collision. It is designed to reduce the vehicle speed before collision. It may not react on stopped vehicles, pedestrians or animals. After a sudden lane change, the system needs a certain time to detect the next preceding vehicle.

The complete attention of the driver is always required while driving. The driver shall always be ready to take action and apply the brakes and steer to avoid collisions. The system is designed to work with all occupants wearing their seat belts.

System limitations

The active emergency braking has limited or no function during rain, snow or heavy dirt, as the radar sensor can be covered by a water film, dust, ice or snow. In case of sensor blockage, clean the sensor cover.

In some seldom cases the active emergency braking system may provide a short automatic braking in situations that seem to be unnecessary, for instance due to traffic signs in a curve or due to vehicles in another lane. This is acceptable operation, the vehicle does not need service. Firmly apply the accelerator pedal to override the automatic braking.

Settings

Settings can be changed in the vehicle personalisation menu in the Info-Display.

Select the relevant setting in Settings in the Info-Display.

Vehicle personalisation ⚫ 124.

Fault

In the event of a system service requirement, a message is displayed in the Driver Information Centre.

If the system does not work as it should, vehicle messages are displayed in the Driver Information Centre.

Vehicle messages ⚫ 122.

Parking assist

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 of 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 signal
for front obstacles sounds via the front speakers, for rear obstacles it sounds via the rear speakers.

The system has four ultrasonic parking sensors each in the rear and front bumper.

**Activation**
When reverse gear is engaged, the front and rear parking assist is ready to operate.
The system is also activated automatically at a speed up to 11 km/h.

An illuminated LED in the parking assist button \( P^A \) indicates that the system is ready to operate.

If \( P^A \) is switched off within an ignition cycle, the front parking assist is deactivated. If vehicle speed has exceeded 25 km/h beforehand, parking assist will be reactivated when speed drops below 11 km/h.

**Indication**
The system warns the driver with acoustic signals against potentially hazardous obstacles behind and in front of the vehicle.

Depending on which side of the vehicle is closer to an obstacle, you will hear acoustic warning signals on the respective side of the vehicle. 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 \( 117 \) or, depending on the version, on the Info-Display \( 121 \).
Rear obstacles are indicated acoustically and visually at the same time.
Front obstacles are indicated visually first. At distances less than 80 cm an acoustic signal also sounds. The distance indication can be inhibited by vehicle messages with a higher priority. After dismissing the message distance indication appears again.

**Deactivation**
The rear parking assist automatically switches off when reverse gear is disengaged.
The front parking assist is deactivated automatically at a speed above 11 km/h.

Manual deactivation is also possible by pressing the parking assist button P△.

When the system is deactivated manually, the LED in the button extinguishes and Park Assist Off pops-up in the Driver Information Centre.

After a manual deactivation, the front-rear parking assist is activated again if P△ is pressed or if reverse gear is engaged.

The complete system can be manually deactivated in the vehicle personalisation menu in the Info-Display. It remains deactivated during the ignition cycle or until activation in personalisation menu again. Vehicle personalisation ◇ 124.

When using the trailer hitch change the configuration settings in the vehicle personalisation menu in the Info-Display. Vehicle personalisation ◇ 124.

**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 ◇ 122.

**Basic notes on parking assist systems**

<table>
<thead>
<tr>
<th>△ Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under certain circumstances, various reflective surfaces on objects or clothing as well as</td>
</tr>
</tbody>
</table>
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
The parking assist system automatically detects factory-fitted towing equipment. It is deactivated when the connector is plugged in.
It is possible that the sensor detects a non-existing object (echo disturbance) caused by external acoustical or mechanic disturbances.

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 gear first, the parking assist will detect the rear carrier system and provide a buzzing sound. Press P 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 displays a visual alert in each exterior mirror, when detecting objects that may not be visible in the interior and exterior mirrors.
The system's sensors are located in the bumper on the left and right side 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 \( \text{B} \) will illuminate in the relevant exterior mirror. If the driver then activates the turn signal, the warning symbol \( \text{B} \) starts flashing yellow as a warning not to change lanes.

**Note**
If the passing vehicle is at least 10 km/h faster than the passed vehicle, the warning symbol \( \text{B} \) in the relevant exterior mirror may not illuminate.

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 \( \text{B} \) 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 \( \text{B} \) will illuminate as normal on the relevant side.

When the vehicle is started, both exterior mirror displays will briefly illuminate to indicate that the system is operating.

The system can be activated or deactivated in the Info-Display, vehicle personalisation \( \Diamond \) 124.

The system is deactivated if the vehicle is towing a trailer.

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 half a metre 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 \( \Diamond \) 300.

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 in case of a permanent fault.
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 Info-Display.

⚠️ Warning
The rear view camera does not replace driver vision. Note that objects that are outside the camera's field of view and the 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 in the tailgate handle. Due to the high position of the camera, the rear bumper can be seen on the display as a guide to position. The area displayed by the camera is limited. The distance of the image that appears on the display differs from the actual distance.

Guiding lines
Dynamic guiding lines are horizontal lines at one metre intervals projected on the picture to define the distance to displayed objects.

Trajectory lane of the vehicle is shown in accordance with the steering angle.
Warning symbols
Warning symbols are indicated as triangles △ on the picture which shows obstacles detected by the rear sensors of the parking assist.
Additionally △ appears on the top line of the Info-Display with the warning to check the vehicle surrounding.

Deactivation
The camera is switched off when a certain forward speed is exceeded or if reverse gear is not engaged for approx. 15 seconds. Rear view camera can be manually deactivated in the vehicle personalisation menu in the Info-Display. Select the relevant setting in Settings.
Vehicle personalisation ▶ 124.

Fault
Fault messages are displayed with a △ on the top line of the Info-Display.

Deactivation of guiding lines and warning symbols

The rear view camera may not operate properly when:
- The surrounding area 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 tailgate is not closed correctly.
- 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:
- city regions (country specific)
- 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 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.

Combinations of multiple signs in the display are possible.

An exclamation mark in a frame indicates that there is an additional sign detected which is not recognised by the system.

The system operates without loss of performance up to a speed of 200 km/h depending on the lighting conditions. At night the system is active up to a speed of 160 km/h.

**Display indication**

Information about the currently valid traffic signs is available on the designated traffic sign assistant page in the Driver Information Centre.

Additionally, the currently valid speed limit is displayed permanently in the lower line of the Driver Information Centre. In case a speed limit with addon is available, a + symbol is displayed in this area.
Choose via MENU and select traffic sign assistant page with the adjuster wheel on the turn signal lever 117.

When another page on the Driver Information Centre menu was selected and then traffic sign assistant page is chosen again, the last recognised traffic sign will be displayed.

**Alert function**

The alert function can be activated or deactivated in the setting menu of the traffic sign assistant page.

Once activated and when the traffic sign detection page is currently not displayed, newly detected speed limit and no passing signs are displayed as popup alerts in the Driver Information Centre.

When traffic sign assistant page is displayed, press SET/CLR on the turn signal lever.
Select Alerts ON or Alerts OFF by turning the adjuster wheel and press SET/CLR.
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 and confirm by pressing SET/CLR on the turn signal lever.

Alternatively, SET/CLR can be pressed for three seconds to clear the content of the page.
Upon successful reset, a chime will sound and the following “Default Sign” is indicated until the next traffic sign is detected.

In some cases, traffic sign assistant is cleared up automatically by the system.

Clearing of traffic signs
There are different scenarios that lead to clearing the currently displayed traffic signs. After clearing, the “Default Sign” is displayed in the Driver Information Centre.

Reasons for signs being cleared:
- A predefined distance was driven or time has elapsed (differs for each sign type)
- Vehicle drives through a turn
- The speed becomes slower than 52 km/h (city entry detection)

Fault
The traffic sign assistant system may not operate correctly if:
- The area of the windscreen, where the front camera is located, is not clean or affected by foreign items, e.g. stickers.
- 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.
- Traffic signs are incorrectly mounted or damaged.
- Traffic signs do not comply with the Vienna Convention on traffic signs.
Driving and operating

Caution

The system is intended to help the driver within a defined speed range to discern certain traffic signs. 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.

The lane departure warning system is activated by pressing . The illuminated LED in the button indicates that the system is switched on. When the control indicator 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, the control indicator changes to yellow and flashes. Simultaneously a chime sound is activated.

Deactivation

The system is deactivated by pressing , the LED in the button extinguishes.

At speeds below 56 km/h the system is inoperable.
Fault

The lane departure warning system may not operate properly when:

- The windscreen is not clean.
- There are adverse environmental conditions like heavy rain, snow, direct sunlight or shadows.

The system cannot operate when no lane marking is detected.

Fuel

Fuel for petrol engines

Only use unleaded fuel that complies with European standard EN 228 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. A lower octane rating can reduce engine power and torque and slightly increases fuel consumption.

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 equivalent can lead to deposits or engine damage.

Caution

Use of fuel with a lower octane rating than the lowest possible rating could lead to uncontrolled combustion and engine damage.

The engine specific requirements regarding octane rating are given in the engine data overview 311. A country specific label at the fuel filler flap can supersede the requirement.
Fuel additive
Fuel should contain detergent additives that help prevent engine and fuel system deposits from forming. Clean fuel injectors and intake valves will allow the emission control system to work properly. In certain countries fuel does not contain sufficient quantities of additive to keep fuel injectors and intake valves clean. In these countries a fuel additive is required for some engines to make up for this lack of detergency. Only use fuel additive approved for the vehicle.

Adding fuel additive to the filled fuel tank is required at least every 15,000 km or after one year, whichever occurs first. For further information, contact your workshop.

Prohibited fuels
Fuels containing oxygenates such as ethers and ethanol, as well as reformulated fuel, are available in some cities. If these fuels comply with the previously described specification, then they are acceptable to use. However, E85 (85% ethanol) and other fuels containing more than 15% ethanol must be used only in FlexFuel vehicles.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not use fuel containing methanol. It can corrode metal parts in the fuel system and also damage plastic and rubber parts. This damage would not be covered by the vehicle warranty.</td>
</tr>
</tbody>
</table>

Some fuels, mainly high octane racing fuels, can contain an octane enhancing additive called methylcyclopentadienyl manganese tricarbonyl (MMT). Do not use fuels or fuel additives with MMT as they can reduce spark plug life and affect emission control system performance. The malfunction indicator light \( \mathcal{Z} \) may illuminate \( \mathcal{Z} 112 \). If this occurs, seek the assistance of a workshop.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequent usage of diesel fuel containing more than 15 ppm sulphur will cause severe engine damage.</td>
</tr>
</tbody>
</table>

Fuel for diesel engines

Only use diesel fuel that complies with EN 590 and which has a sulphur concentration of max. 10 ppm. Fuels with a biodiesel (compliant with EN 14214) content of max. 7% by volume may be used (e.g. named B7).

If travelling in countries outside the European Union, occasional use of Euro-Diesel fuel with a sulphur concentration below 50 ppm is possible.
## Caution

Use of fuel that does not comply to EN 590 or similar can lead to engine powerloss, increased wear or engine damage and may affect your warranty.

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.

### Low temperature operation

At temperatures below 0°C, some diesel products with biodiesel blends may clog, freeze or gel, which may affect the fuel supply system. Starting and engine operation may not work properly. Make sure to fill winter grade diesel fuel at ambient temperatures below 0°C.

Arctic grade diesel fuel can be used in extreme cold temperatures below -20°C. Using this fuel grade in warm or hot climates is not recommended and may cause engine stalling, poor starting or damage on the fuel injection system.

### Fuel for natural gas operation

Natural gas is known as CNG (Compressed Natural Gas).

Use natural gas with a methane content of approx. 78 - 99%. L-gas (low) has approx. 78 - 87% and H-gas (high) has approx. 87 - 99%. Biogas with the same methane content can also be used if it has been chemically prepared and desulphurised.

Only use natural gas or biogas that complies with DIN 51624.

Liquid gas or LPG must not be used.

### 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 the mixing ratio. At ambient pressure, it is between -42 °C (pure propane) and -0.5 °C (pure butane).
Driving and operating

Caution

The system works at an ambient temperature of approx. -8 °C to 100 °C.

Full functioning of the LPG system can only be guaranteed with liquid gas which complies with the minimum requirements of DIN EN 589.

Fuel selector 105.

Refuelling

Danger

Before refuelling, switch off ignition and any external heaters with combustion chambers. Switch off any mobile phones. Follow the operating and safety instructions of the filling station when refuelling.

Danger

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.

Caution

In case of misfuelling, do not switch on ignition.

Fuel filler flap is located at right rear side of the vehicle.

A label with symbols at the fuel filler flap is indicating the allowed fuel types. In Europe the pump nozzles of the filling stations are marked with these symbols. Refuel only the allowed fuel type.

Petrol and Diesel refuelling

To open, turn the cap slowly anticlockwise.
Driving and operating

The fuel filler cap can be retained in the bracket on the fuel filler flap.

To refuel, fully insert the pump nozzle and switch it on.

After the automatic cut-off, the tank can be topped up by operating the pump nozzle a maximum of two more times.

Caution

Wipe off any overflowing fuel immediately.

To close, turn the fuel filler cap clockwise until it clicks.

Close the flap and engage.

Vehicles with misfuel inhibitor

⚠️ Warning

Do not try to open the flap of the fuel filler neck manually on vehicles with misfuel inhibitor. Disregarding this could lead to trapping of the fingers.

Vehicles with a selective catalytic reduction system are equipped with a misfuel inhibitor.

The misfuel inhibitor ensures that the flap of the fuel filler neck can only be opened by using a nozzle for diesel fuel or a funnel for emergency refilling.

Turn the fuel filler cap slowly anticlockwise.

The cap can be retained in the bracket on the fuel filler flap.

Place the nozzle in a straight line to the filler neck and press with slight force to insert.

In case of an emergency, refill with a canister. A funnel must be used to open the cap of the filler neck.
The funnel is located on the right-hand side storage compartment in the load compartment.

Place the funnel in a straight line to the filler neck and press with slight force to insert.

Use the funnel to fill the diesel fuel into the filler neck.

After topping-up, put the funnel into the plastic bag and stow it in the storage compartment.

Selective catalytic reduction system 206.

Natural gas refuelling

The fuel filler flap can only be opened if the vehicle is unlocked. Release the fuel filler flap by pushing the flap.

⚠️ Warning

Refuel only with a maximum output pressure of 250 bar. Use only temperature-compensated filling stations.

The refuelling procedure must be completed, i.e. the filler neck must be vented.

The capacity of the natural gas tank depends on outside temperature, filling pressure and type of refuelling system. Capacities 316.

Close the flap and allow it to engage.

Terms for "natural gas vehicles" abroad:

- German Erdgasfahrzeuge
- English NGVs = Natural Gas Vehicles
- French Véhicules au gaz naturel - or - Véhicules GNV
- Italian Metano auto

Terms for "natural gas" abroad:

- German Erdgas
- English CNG = Compressed Natural Gas
- French GNV = Gaz Naturel (pour) Véhicules - or - CGN = carburantgaz naturel
- Italian Metano (per auto)

Liquid gas refuelling

Follow the operating and safety instructions of the filling station when refuelling.
Filling adapter
As filling systems are not standardised, different adapters are required which are available from Opel Distributors and from Opel Authorised Repairers.

ACME adapter: Belgium, Germany, Ireland, Luxembourg, Switzerland

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

Bayonet adapter: Netherlands, Norway, Spain, United Kingdom

EURO adapter: Spain
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. Engage the locking lever of the filler nozzle.
- **DISH adapter**: Place the filler nozzle into the adapter. Engage the locking lever of the filler nozzle.
- **Bayonet adapter**: Place filler nozzle on the adapter and turn one quarter turn. Engage the locking lever of the filler nozzle.
- **EURO adapter**: Press the filler nozzle onto the adapter. Engage the locking lever of the filler nozzle.

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 to stop the filling process. 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.

**Fuel filler cap**

Only use genuine fuel filler caps. Diesel-engined vehicles have special fuel filler caps.
Trailer hitch

General information

Only use towing equipment that has been approved for your vehicle. Vehicles with natural gas engines require special towing equipment.

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 4x 5 Watt bulbs, the function only detects lamp outage when only a single 5 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.

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 1300 kg the use of a stabiliser is strongly recommended when driving above 80 km/h.

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 318.

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 12%.

The permissible trailer load applies up to the specified incline and at 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 altitude. The gross train weight does not have to be reduced when driving on roads with slight inclines (less than 8%, e.g. motorways).
Driving and operating

The permissible gross train weight must not be exceeded. This weight is specified on the identification plate 306.

**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.

The maximum permissible vertical coupling load (75 kg) is specified on the towing equipment identification plate and in the vehicle documents.

**Note**

Engines B16DTH, B16DTJ, B20DTH and B20DTJ: Depending on the equipment the maximum permissible vertical coupling load can be 75 kg or 60 kg.

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**

When the trailer is coupled and the towing vehicle fully loaded, the permissible rear axle load (see identification plate or vehicle documents) may be exceeded by 60 kg, the gross vehicle weight rating may be exceeded by 60 kg. If the permissible rear axle load is exceeded, a maximum speed of 100 km/h applies.

**Towing equipment**

**Caution**

When operating without a trailer, remove the coupling ball bar.

**Stowage of coupling ball bar**

The coupling ball bar is stowed in the stowage compartment in the right sidewall.
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

- Red marking on rotary knob must point towards green marking on coupling ball bar.
- The gap between the rotary knob and the coupling ball bar must be approx. 6 mm.
- The key must be in position ♦. Otherwise, the coupling ball bar must be tensioned before being inserted:
  - Unlock coupling ball bar by turning key to position ♦.

Inserting the coupling ball bar

- Pull out rotary knob and turn clockwise as far as it will go.
Insert the tensioned coupling ball bar in the opening and push firmly upwards until it audibly engages. The rotary handle snaps back into its original position, resting against the coupling ball bar without a gap.

**Warning**

Do not touch rotary handle during insertion.

Lock the coupling ball bar by turning the key to position ①. Remove the key and close the protective flap.

**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 must point towards green marking on coupling ball bar.
- There must be no gap between the rotary handle 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**

Open the protective flap and turn the key to position ③ to unlock the coupling ball bar. Pull out rotary handle and turn clockwise as far as it will go. Pull out coupling ball bar downwards. Insert sealing plug in opening. 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 (TSA) is a function of the Electronic Stability Control 217.
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.

Any modification, conversion or other changes made to standard vehicle specifications (including, without limitation, software modifications, modifications of the electronic control units) may invalidate the warranty offered by Opel. Furthermore, such changes may affect driver assistance systems, may impact fuel consumption, CO₂ emissions and other emissions of the vehicle and cause the vehicle to no longer conform to the operating permit, impacting the validity of your vehicle registration.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>When transporting the vehicle on a train or on a recovery vehicle, the mud flaps might be damaged.</td>
</tr>
</tbody>
</table>

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.
Vehicle care

- Since the durability of AdBlue is limited to two years, fluid should be exchanged if it is too old. Seek the assistance of a workshop.
- 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, where legally required. 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 uses extremely high voltage. Do not touch.

Bonnet

Opening

Pull the release lever and return it to its original position.
Move the safety catch sideways to the left vehicle side and open the bonnet. The bonnet is held open automatically by a lifter.

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 Ⅵ 304.

The maximum engine oil consumption is 0.6 litres 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, reinsert it fully, pull out and read the engine oil level.

Different dipsticks are used depending on engine variant.
Vehicle care

When the engine oil level has dropped to the MIN mark, top-up engine oil.

The funnel is located on the right side storage in the load compartment. Use the funnel to fill in the engine oil into the engine oil opening. After topping-up, put the funnel into the plastic bag and stow it in the storage compartment.

Caution
Overfilled engine oil must be drained or suctioned out.

Capacities 316.
Fit the cap on straight and tighten it.

Engine coolant

The coolant provides freeze protection down to approx. -28 °C. In cold regions with very low temperatures, the factory filled coolant provides frost protection down to approx. -37 °C.

Caution
Only use approved antifreeze.

Coolant and antifreeze 304.

Coolant level

Caution
Too low a coolant level can cause engine damage.
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 approved coolant concentrate mixed with clean tap water. If no coolant concentrate is available, use clean tap water. Install the cap tightly.

**Engine B16DTH:** After starting the engine, set the heating to warmest temperature and the fan speed to at least first level for approx. five minutes. This will ensure that the air within the cooling system escapes. Have the coolant concentration checked and have the cause of the coolant loss remedied by a workshop.

**Power steering fluid**

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extremely small amounts of contamination can cause steering system damage and cause it to not work properly. Do not allow contaminates to contact the fluid side of the reservoir cap/dipstick or from entering the reservoir.</td>
</tr>
</tbody>
</table>

Power steering fluid level normally does not have to be checked. If an unusual noise sounds during steering or the power steering reacts unusually, seek the assistance of a workshop.
Washer fluid

Fill with clean water mixed with a suitable quantity of approved windscreen washer fluid which contains antifreeze.

่อ

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

⚠️ Warning

Brake fluid is poisonous and corrosive. Avoid contact with eyes, skin, fabrics and painted surfaces.

The brake fluid level must be between the MIN and MAX marks. If fluid level is below MIN seek the assistance of a workshop. Brake and clutch fluid ❖ 304.

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 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 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.

Vehicle battery discharge protection 139.

**Disconnecting the battery**

If the vehicle's battery is to be disconnected (e.g. for maintenance work), the alarm siren must be deactivated as follows: switch the ignition on then off, then disconnect the vehicle's battery within 15 seconds.

**Replacing the vehicle battery**

**Note**

Any deviation from the instructions given in this section may lead to temporary deactivation or disturbance 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 vehicle batteries that allow the fuse box to be mounted above the vehicle battery.

Ensure that the battery is always replaced by the same type of battery.

We recommend that you have the vehicle battery replaced by a workshop.

Stop-start system 201.

**Charging the vehicle battery**

**Warning**

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.

Jump starting 296.
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 reach of children.
- The vehicle battery contains sulphuric acid which could cause blindness or serious burn injuries.

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

Windscreen

Lift the wiper arm until it stays in the raised position, press button to disengage the wiper blade and remove.

Attach the wiper blade slightly angled to the wiper arm and push until it engages.

Lower wiper arm carefully.
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 low beam and high beam. Sidelights and daytime running lights are designed as LEDs and can not be changed.

Low beam (1) outer bulb. High beam (2) inner bulb. Front turn signal light (3)
Low beam (1)

1. Rotate cap anticlockwise and remove it.
2. Rotate the bulb holder anticlockwise to disengage. Withdraw the bulb holder from the reflector housing.
3. Remove the bulb from the plug connector by pulling.
4. Replace the bulb and connect it to the plug connector.
5. Insert the bulb holder, engaging the lugs into the reflector housing and rotate clockwise to secure.
6. Fit the cap and rotate clockwise.

High beam (2)

1. Rotate cap anticlockwise and remove it.
2. Withdraw the bulb holder from the reflector housing.

3. Remove the bulb from the plug connector by pulling.

4. Replace the bulb and connect it to the plug connector.

5. Insert and push the bulb holder into the reflector housing by setting the lug into position.

6. Fit the cap and rotate clockwise.

---

Front turn signal (3)

1. Rotate bulb socket anticlockwise to disengage. Withdraw the bulb socket from the reflector housing.

2. Remove the bulb from the socket by turning anticlockwise and pulling.

3. Replace and insert new bulb into socket and turn clockwise.

4. Insert the bulb socket into the reflector housing and turn clockwise.

---

LED headlights

Headlights for low and high beam, sidelights, daytime running lights and turn signal lights are designed as LEDs and can not be changed. Have lights repaired by a workshop in case of failure.

---

Fog lights

The bulbs are accessible from beneath the vehicle.
1. Remove the outer screws of the cover, as shown in the illustration.

2. Hinge away the cover. Turn the bulb socket anticlockwise and remove it from the reflector housing.

3. Disengage the bulb socket from the plug connector by pressing the retaining lug.

4. Remove and replace the bulb socket with bulb and attach to the plug connector.

5. Insert the bulb socket into the reflector housing, turn clockwise and engage.

6. Mount the cover with the screws.

Tail lights

1. Hinge out the screw cover.

2. Remove the screws, marked by the arrows.
3. Carefully withdraw the light assembly from the retaining pins and remove.

4. Detach the plug connector from the light assembly.

5. Remove and replace the bulb by turning the bulb socket.
   - Turn signal light (1)
   - Tail lights (2)
   - Brake light (3)

6. Connect the plug connector to the light assembly.

7. Fit light assembly onto retaining pins and mount the light assembly using the screws.

8. Plug in screw cover.

**Reverse lights (4) in the tailgate**

1. Open the tailgate and remove the cover.
2. Turn the bulb holder anticlockwise and remove it from the reflector.

3. Remove the bulb from the socket by pulling.

4. Replace and insert new bulb into socket.

5. Insert the bulb socket into the reflector and turn clockwise.

6. Install the cover.

**Rear fog light**

The bulbs are accessible from beneath the vehicle.

1. Turn the bulb socket anticlockwise and remove it from the reflector.

2. Remove the bulb from the socket by turning anticlockwise.

3. Replace and insert new bulb into the socket by turning clockwise.

4. Insert the bulb socket into the reflector, turn clockwise and engage.

**Bulb check**

Switch on the ignition, operate and check all lights.
**Side turn 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.

**Number plate light**

1. Insert screwdriver in recess of the cover, press to the side and release spring. Remove cover.
2. Remove the bulb from the socket by pulling.
3. Replace the bulb and insert it into the socket.
4. Push the cover into the housing.

**Interior lights**

**Courtesy lights, reading lights**
Have bulbs replaced by a workshop.

**Load compartment 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 three fuse boxes in the vehicle, depending on vehicle version:
- in the front left of the engine compartment
- in left-hand drive vehicles, in the interior behind the storage compartment, or, in right-hand drive vehicles, behind the glovebox
- behind a cover on the left side of the load compartment

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 or side, and withdraw fuse.
**Engine compartment fuse box**

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>Engine control module</td>
</tr>
<tr>
<td>2</td>
<td>Lambda sensor</td>
</tr>
<tr>
<td>3</td>
<td>Fuel injection/Ignition system</td>
</tr>
<tr>
<td>4</td>
<td>Fuel injection/Ignition system</td>
</tr>
<tr>
<td>5</td>
<td>–</td>
</tr>
<tr>
<td>6</td>
<td>Exterior mirror heating/Anti-theft alarm system</td>
</tr>
<tr>
<td>7</td>
<td>Fan control/Engine control module/Transmission control module</td>
</tr>
<tr>
<td>8</td>
<td>Lambda sensor/Engine cooling</td>
</tr>
<tr>
<td>9</td>
<td>Rear window sensor</td>
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<tr>
<td>10</td>
<td>Battery sensor</td>
</tr>
<tr>
<td>11</td>
<td>Tailgate release</td>
</tr>
<tr>
<td>12</td>
<td>Adaptive forward lighting/Automatic light control</td>
</tr>
<tr>
<td>13</td>
<td>ABS</td>
</tr>
<tr>
<td>14</td>
<td>Rear window wiper</td>
</tr>
<tr>
<td>15</td>
<td>Engine control module</td>
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<tr>
<td>No.</td>
<td>Circuit</td>
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<tr>
<td>-----</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>16</td>
<td>Starter</td>
</tr>
<tr>
<td>17</td>
<td>Transmission control module</td>
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<tr>
<td>18</td>
<td>Heated rear window</td>
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<tr>
<td>19</td>
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<tr>
<td>20</td>
<td>Rear power windows</td>
</tr>
<tr>
<td>21</td>
<td>Rear electrical centre (with fuse box in the load compartment)</td>
</tr>
<tr>
<td></td>
<td>Heated front seats (without fuse box in the load compartment)</td>
</tr>
<tr>
<td>22</td>
<td>Left high beam (Halogen)</td>
</tr>
<tr>
<td>23</td>
<td>–</td>
</tr>
<tr>
<td>24</td>
<td>Right headlight (LED)</td>
</tr>
<tr>
<td>25</td>
<td>Left headlight (LED)</td>
</tr>
<tr>
<td>26</td>
<td>Front fog lights</td>
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<td>27</td>
<td>Diesel fuel heating</td>
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<tr>
<td>28</td>
<td>Stop-start system</td>
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<tr>
<td>29</td>
<td>Electric parking brake</td>
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<tr>
<td>30</td>
<td>ABS</td>
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<tr>
<td>31</td>
<td>Adaptive cruise control</td>
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<td>32</td>
<td>Airbag</td>
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<tr>
<td>33</td>
<td>Adaptive forward lighting/Automatic light control</td>
</tr>
<tr>
<td>34</td>
<td>Exhaust gas recirculation</td>
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<td>35</td>
<td>Exterior mirror/Rain sensor</td>
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<tr>
<td>36</td>
<td>Climate control</td>
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<tr>
<td>37</td>
<td>Canister vent solenoid</td>
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<tr>
<td>38</td>
<td>Vacuum pump</td>
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<tr>
<td>39</td>
<td>Central control module</td>
</tr>
<tr>
<td>40</td>
<td>Windscreen washer/Rear window washer system</td>
</tr>
<tr>
<td>41</td>
<td>Right high beam (Halogen)</td>
</tr>
<tr>
<td>42</td>
<td>Radiator fan</td>
</tr>
<tr>
<td>43</td>
<td>Windscreen wiper</td>
</tr>
<tr>
<td>44</td>
<td>Windscreen wiper</td>
</tr>
<tr>
<td>45</td>
<td>Radiator fan</td>
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<td>46</td>
<td>–</td>
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<tr>
<td>47</td>
<td>Horn</td>
</tr>
<tr>
<td>48</td>
<td>Radiator fan</td>
</tr>
<tr>
<td>49</td>
<td>Fuel pump</td>
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<tr>
<td>50</td>
<td>Headlamp levelling/Adaptive forward lighting</td>
</tr>
<tr>
<td>51</td>
<td>Air shutter</td>
</tr>
<tr>
<td>52</td>
<td>Auxiliary heater/Diesel engine</td>
</tr>
<tr>
<td>53</td>
<td>Transmission control module/Engine control module</td>
</tr>
<tr>
<td>54</td>
<td>Vacuum pump/Instrument panel cluster/Heating ventilation/Air conditioning system</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, malfunctions may occur.
In left-hand drive vehicles, the fuse box is behind the storage compartment in the instrument panel. Open the compartment and push it to the left to unlock. Fold the compartment down and remove it.

In 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>Cruise control/Speed limiter/Adaptive cruise control/Steering wheel controls</td>
</tr>
<tr>
<td>2</td>
<td>Exterior lights/Body control module</td>
</tr>
<tr>
<td>3</td>
<td>Exterior lights/Body control module</td>
</tr>
<tr>
<td>4</td>
<td>Infotainment system</td>
</tr>
<tr>
<td>5</td>
<td>Infotainment system/Instrument</td>
</tr>
<tr>
<td>6</td>
<td>Power outlet/Cigarette lighter</td>
</tr>
<tr>
<td>7</td>
<td>Power outlet</td>
</tr>
<tr>
<td>8</td>
<td>Left low beam/Body control module</td>
</tr>
<tr>
<td>9</td>
<td>Right low beam/Body control module/Airbag module</td>
</tr>
<tr>
<td>10</td>
<td>Door locks/Body control module</td>
</tr>
<tr>
<td>11</td>
<td>Interior fan</td>
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<tr>
<td>12</td>
<td>–</td>
</tr>
<tr>
<td>13</td>
<td>Sunblind</td>
</tr>
<tr>
<td>No.</td>
<td>Circuit</td>
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<td>-----</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>14</td>
<td>Diagnostic connector</td>
</tr>
<tr>
<td>15</td>
<td>Airbag</td>
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<tr>
<td>16</td>
<td>Power outlet</td>
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<tr>
<td>17</td>
<td>Air conditioning system</td>
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<td>18</td>
<td>Logistics</td>
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<td>19</td>
<td>Body control module</td>
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<td>20</td>
<td>Body control module</td>
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<td>21</td>
<td>Instrument panel cluster/Anti-theft alarm system</td>
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<tr>
<td>22</td>
<td>Ignition sensor</td>
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<tr>
<td>23</td>
<td>Body control module</td>
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<td>24</td>
<td>Body control module</td>
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<tr>
<td>25</td>
<td>Steering wheel heating</td>
</tr>
<tr>
<td>26</td>
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</tr>
</tbody>
</table>

**Load compartment fuse box**

The fuse box is on the left side of the load compartment behind a cover.

*If equipped with tyre repair kit, remove the complete box.*

**Fuse assignments**

Remove the cover.
<table>
<thead>
<tr>
<th>No.</th>
<th>Circuit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>Trailer outlet</td>
</tr>
<tr>
<td>3</td>
<td>Parking assist</td>
</tr>
<tr>
<td>4</td>
<td>Selective catalytic reduction system</td>
</tr>
<tr>
<td>5</td>
<td>—</td>
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<tr>
<td>6</td>
<td>—</td>
</tr>
<tr>
<td>7</td>
<td>Power seat</td>
</tr>
<tr>
<td>8</td>
<td>—</td>
</tr>
<tr>
<td>9</td>
<td>Selective catalytic reduction system</td>
</tr>
<tr>
<td>10</td>
<td>Nitrogen oxide sensor</td>
</tr>
<tr>
<td>11</td>
<td>Trailer module/Trailer socket</td>
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<td>12</td>
<td>Trailer module</td>
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<tr>
<td>13</td>
<td>Trailer outlet</td>
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<th>No.</th>
<th>Circuit</th>
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<tr>
<td>16</td>
<td>Interior mirror/Rear view camera</td>
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<td>17</td>
<td>Power outlet</td>
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<td>21</td>
<td>Heated front seats</td>
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<td>24</td>
<td>Selective catalytic reduction system</td>
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<td>31</td>
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<tr>
<td>32</td>
<td>Active damping system/Lane departure warning</td>
</tr>
</tbody>
</table>

Vehicle care
Vehicle tools

Tools

Some tools, the towing eye and (only on vehicles with spare wheel) the vehicle jacking equipment are placed in the rear storage in the load compartment floor.
Open the cover in front of the tailgate.

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.

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 318.
In accordance with country-specific regulations, affix the speed sticker in the driver's field of view.

Tyre designations
E.g. 215/60 R 16 95 H
215 : tyre width, mm
60 : cross-section ratio (tyre height to tyre width), %
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 313.
Directional tyres

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.

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.

Tyre pressure

The tyre pressure information label on the front left or 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.

Always inflate the spare tyre to the pressure specified for full load.

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:

1. Identify the engine identifier code.
   Engine data 311.

2. Identify the respective tyre.

The tyre pressure tables show all possible tyre combinations 318.

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.

⚠️ Warning

For specific tyres the recommended tyre pressure as shown in the tyre pressure table may exceed the maximum tyre pressure as indicated on the tyre. Never exceed the maximum tyre pressure as indicated on the tyre.

If the tyre pressure must be reduced or increased on a vehicle with tyre pressure monitoring system, switch
off ignition. After adjusting tyre pressure, switch on ignition and select the appropriate setting on the page Tyre load in the Driver Information Centre, ◆ 117.

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.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyre pressure monitoring system warns only about low tyre pressure condition and does not replace regular tyre maintenance by the driver.</td>
</tr>
</tbody>
</table>

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 operating permit.

The current tyre pressures can be shown in the Driver Information Centre.

Select the menu by the buttons on the turn signal lever.
Select **Tyre pressure** page under **Vehicle Information Menu**

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.

A detected low tyre pressure condition is indicated by control indicator ![attention](https://example.com/attention-icon.png) 115.

If ![attention](https://example.com/attention-icon.png) illuminates, stop as soon as possible and inflate the tyres as recommended 318.

If ![attention](https://example.com/attention-icon.png) flashes for 60-90 seconds and 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 ![attention](https://example.com/attention-icon.png) may illuminate.

If ![attention](https://example.com/attention-icon.png) illuminates at lower temperatures and extinguishes after some driving, this could be an indicator for approaching a low tyre pressure condition. Check tyre pressure.

Vehicle messages 122.

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 ![attention](https://example.com/attention-icon.png) illuminates continuously.

A temporary spare wheel is not equipped with pressure sensors. The tyre pressure monitoring system is not operational for these wheels. Control indicator ![attention](https://example.com/attention-icon.png) illuminates. For the further three wheels the system remains operational.

If ![attention](https://example.com/attention-icon.png) illuminates at lower temperatures and extinguishes after some driving, this could be an indicator for approaching a low tyre pressure condition. Check tyre pressure.

Vehicle loading status

Adjust tyre pressure to load condition according to the tyre information label or tyre pressure chart 318, and select the appropriate setting in the **Tyre load** menu in the Driver Information Centre 117. This setting is the reference for the tyre pressure warnings.

The **Tyre load** menu only appears if the vehicle is at a standstill and the parking brake is applied. On vehicles with automatic transmission the selector lever has to be in P.
Select Tyre load page under Vehicle Information Menu in the Driver Information Centre.

Select:
- **Light** for comfort pressure up to 3 people.
- **Eco** for Eco pressure up to 3 people.
- **Max** for full load.

**Tyre pressure sensor matching process**

Each tyre pressure 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 and the warning message or code should extinguish 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 your workshop for service. 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: select neutral.
4. Press **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 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 the sensor identification code has been matched to the left side rear tyre, 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 117.

**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.

If there is more wear at the front than the rear, swap round front wheels and rear wheels periodically. Ensure that the direction of rotation of the wheels remains the same.

Tyres age, even if they are not used. We recommend tyre replacement every 6 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 nominal tyre pressure and make other vehicle modifications.

After converting to a different tyre size, have the label with tyre pressures replaced.  

**Warning**

The use of unsuitable tyres or wheels may lead to accidents and will invalidate the vehicle operating permit.

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.

If the wheel covers and tyres used are not factory approved, the tyres must not have a rim protection ridge.

**Warning**

Use of unsuitable tyres or wheel covers could lead to sudden pressure loss and thereby accidents.

Vehicles with steel wheels: When using locking wheel nuts, do not attach wheel covers.

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 only permitted on tyres of size 215/60 R16 and 225/50 R17.

The use of tyre chains is not permitted on the temporary spare wheel.

Tyre repair kit

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 sidewall 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 on the left side in the load compartment behind a cover.
1. Take the tyre repair kit from the compartment.
2. Remove 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.

3. Remove the electrical connection cable and air hose from the stowage compartments on the underside of the compressor.

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 O.
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 318. 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 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.
290 Vehicle care

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.

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
Some vehicles are equipped with a tyre repair kit instead of a spare wheel  287.

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.
- Remove the spare wheel  293.
- 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.
- Clean wheel nuts and thread with a clean cloth before mounting the wheel.

**Warning**

Do not grease wheel bolt, wheel nut and wheel nut cone.

1. Disengage wheel nut caps with a screwdriver and remove. Pull off the wheel cover. Vehicle tools ◊ 281.

   Alloy wheels: Disengage wheel nut caps with a screwdriver and remove. To protect the wheel, place a soft cloth between the screwdriver and the alloy wheel.

2. Fold out the wheel wrench and install ensuring that it locates securely and loosen each wheel nut by half a turn.

   The wheels might be protected by locking wheel nuts. To loosen these specific nuts first attach the adapter onto the head of the nut before installing the wheel wrench. The adapter is located in the glovebox.

3. Some versions may have covered the vehicle jacking point. Pull out the cover sideways.
4. Ensure the jack is correctly positioned under the relevant vehicle jacking point.

5. Set the jack to the necessary height. Position it directly below the jacking point in a manner that prevents it from slipping.

6. Unscrew the wheel nuts.

7. Change the wheel. Spare wheel $\diamond$ 293

8. Screw on the wheel nuts.

9. Lower the vehicle and remove jack.

10. Install the wheel wrench ensuring that it is located securely and tighten each nut in a crosswise sequence. Tightening torque is 140 Nm.

11. Align the valve hole in the wheel cover with the tyre valve before installing. Install wheel nut caps.

12. Install vehicle jacking point cover.

13. Stow the replaced wheel $\diamond$ 293, the vehicle tools $\diamond$ 281 and the adapter for the locking wheel nuts $\diamond$ 66.

14. Check the tyre pressure of the installed tyre and the wheel nut 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 centrically under the recess of the sill.

Front arm position of the lifting platform at the underbody.

**Spare wheel**

The spare wheel can be classified as a temporary spare wheel depending on the size compared to the other mounted wheels and country regulations. In this case a permissible maximum speed applies, even though no label at the spare wheel indicates this.

The spare wheel has a steel rim.

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**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.

The spare wheel is located in a holder beneath the vehicle floor.

1. Open the storage in the load compartment \(\odot\) 281.
2. Remove both caps above the hexagon bolts.
3. Fit the wheel wrench on one hexagon bolt and turn it anticlockwise until a resistance is noticeable.
4. Proceed with the other hexagon bolt in the same way.
5. Lift the spare wheel holder and unhook both catches.
6. Lower the spare wheel holder.
7. Detach the safety cable.

8. Lower holder all the way and remove spare wheel.

9. Change the wheel.
   The damaged wheel must be secured in the load compartment, see below.

10. Lift the empty spare wheel holder and insert the safety cable.

11. Lift the spare wheel holder further and engage in both catches. The open sides of the catches must point in the direction of travel.

12. Close the empty spare wheel holder by turning both hexagon bolts clockwise using the wheel wrench.

13. Fit the caps above both hexagon bolts.

14. Stow wheel wrench and the jack in the storage in front of the tailgate.

15. Close the storage compartment cover.

When stowing the spare wheel in the spare wheel holder, note that the wheel is positioned with the tyre valve above the recess of the wheel holder.

Stowing a damaged full size wheel in the load compartment

The spare wheel holder is not designed for other tyre sizes than the spare wheel.

A damaged wheel wider than the spare wheel must be stowed in the load compartment and secured with a strap. Vehicle tools 281.

The seats of the third row must be folded down 79.

1. Position the wheel close to the left sidewall of the load compartment.

2. Place the loop end of the strap through the front lashing eye on the left side.
3. Place the hook end of the strap through the loop and pull it until the strap is fastened securely to the lashing eye.

4. Insert the strap through the spokes of the wheel as shown in the illustration.

5. Mount the hook to the rear left lashing eye.

6. Tighten the strap and secure it using the buckle.

**Danger**
Always drive with folded up and engaged rear seat backrests when stowing a damaged full size wheel in the load compartment.

**Warning**
Storing a jack, a wheel or other equipment in the load compartment could cause injury if they are not fixed properly. During a sudden stop or a collision, loose equipment could strike someone.
Always store jack and tools in the respective storage compartments and secure them by fixing.
Damaged wheel placed in the load compartment must always be secured with the strap.

**Temporary spare wheel**

**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.

Only mount one temporary spare wheel. Do not drive faster than 80 km/h. Take curves slowly. Do not use for a long period of time.

If your vehicle gets a flat tyre on the rear while towing another vehicle, mount the temporary spare wheel at the front and the full tyre at the rear.

**Tyre chains ² 287.**

**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 and fit it instead of the spare wheel.
- Drive particularly carefully on wet and snow-covered road surfaces.

## Jump starting

Do not start with quick charger. A vehicle with a discharged battery can be started using jump leads and the 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 vehicle battery to naked flames or sparks.
- A discharged vehicle battery can already freeze at a temperature of 0 °C. Defrost the frozen vehicle battery before connecting jump leads.
- Wear eye protection and protective clothing when handling a battery.
- Use a booster vehicle battery with the same voltage (12 Volt). 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.
Vehicle care

- 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 cap of your vehicle in the engine compartment and of the booster vehicle battery.

Lead connection order:
1. Connect the red lead to the positive terminal of the booster battery.
2. Connect the other end of the red lead to the positive terminal of the discharged battery.
3. Connect the black lead to the negative terminal of the booster battery.
4. Connect the other end of the black lead to a vehicle grounding point of your vehicle in the engine compartment.

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

Disengage cap at bottom and remove downwards.
The towing eye is stowed with the vehicle tools 281.

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.

Caution
Deactivate the driver assistance systems like active emergency braking 233, otherwise the vehicle may automatically brake during towing.

Switch the selector lever to neutral.
Release the parking brake.

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.
Seek the assistance of a workshop.
After towing, unscrew the towing eye.
Insert cap at the bottom and close.

**Towing another vehicle**

Wrap a cloth around the tip of a flat screwdriver to prevent paint damage.
Insert a screwdriver in the slot at the lower edge of the cap. Release the cap by carefully moving the screwdriver downwards. To prevent damage it is recommended to place a cloth between the screwdriver and the frame.
The towing eye is stowed with the vehicle tools 281.

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.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive slowly. Do not drive jerkily. Excessive tractive force can damage the vehicle.</td>
</tr>
</tbody>
</table>

After towing, unscrew the towing eye.
Insert cap at the bottom and engage.
**Appearance care**

**Exterior care**

**Locks**

The locks are lubricated at the factory using a high quality lock cylinder grease. Use 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.

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 vehicle wash, comply with the vehicle 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.
- Do not clean the engine compartment with a steam-jet or high-pressure jet cleaner.

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.

Have the door hinges of all doors greased by a workshop.

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 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.
Plastic body parts must not be treated with wax or polishing agents.

**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.

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.

**Glass panel**

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.

**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**

<table>
<thead>
<tr>
<th>△ Danger</th>
</tr>
</thead>
</table>
| 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.

Air shutter
Clean the shutter system in the front bumper to maintain correct functionality.

Interior care
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 discolourations, especially on light-coloured upholstery. Removable stains and discolourations should be cleaned as soon as possible.
Clean seat belts with lukewarm water or interior cleaner.

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.

European service intervals

Maintenance of your vehicle is required every 30,000 km or after one year, whichever occurs first. Additional engine oil and filter change is indicated by the engine oil life system, when required earlier than maintenance.

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.

International service intervals

Maintenance of your vehicle is required every 15,000 km or after one year, whichever occurs first. Additional engine oil and filter change is indicated by the engine oil life system, when required earlier than maintenance.

Severe operating conditions exist if one or more of the following circumstances occur frequently: Cold starting, stop and go operation, trailer operation, mountain driving, driving on poor and sandy road surfaces,
increased air pollution, presence of airborne sand and high dust content, driving at high altitude and large variations of temperature. Under these severe operating conditions, certain service work may be required more frequently than the regular service interval.

The international service intervals are valid for the countries which are not listed in the European service intervals.

Service display 3 07.

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.

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 ageing 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 gasoline and diesel engines. If it is unavailable, engine oils of other listed qualities have to be used.

Recommendations for gasoline 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 3 08.

Topping up engine oil

Caution

In case of any spilled oil, wipe it up and dispose it properly.

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 oils for all petrol engines with only ACEA quality is prohibited, since it can cause engine damage under certain operating conditions.

Select the appropriate engine oil based on its quality and on the minimum ambient temperature \( \geq 308 \).

**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 \( \geq 308 \).

All of the recommended viscosity grades are suitable for high ambient temperatures.

**Coolant and antifreeze**
Use only organic acid type-long life coolant (LLC) antifreeze approved for the vehicle. Consult a workshop.
The system is factory filled with coolant designed for excellent corrosion protection and frost protection down to approx. \(-28 \, ^\circ C\). In northern countries with very low temperatures the factory filled coolant provides frost protection down to approx. \(-37 \, ^\circ C\). 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.

**Washer fluid**
Use only washer fluid approved for the vehicle to prevent damage of wiper blades, paintwork, plastic and rubber parts. Consult a workshop.

**AdBlue**
Only use AdBlue to reduce the nitrogen oxides in the exhaust emission \( \geq 206 \).
Technical data

Vehicle identification ................. 306
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  Identification plate ............... 306
  Engine identification ............. 307

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Vehicle identification

Vehicle Identification Number

The Vehicle Identification Number may be 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 front 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 show the engine identifier code. Engine data # 311.

To identify the respective engine, refer to the engine power in the EEC Certificate of Conformity provided with your vehicle or other national registration documents.
## Technical data

### Vehicle data

#### Recommended fluids and lubricants

#### European service schedule

**Required engine oil quality**

<table>
<thead>
<tr>
<th>Engine oil quality</th>
<th>Petrol engine</th>
<th>All other petrol engines (including CNG, LPG, E85)</th>
<th>Diesel engines</th>
</tr>
</thead>
<tbody>
<tr>
<td>dexos1 Gen2</td>
<td>✔</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>dexos2</td>
<td>–</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

All engines except B14NET: In case dexos quality is unavailable, you may not use max. one 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 0W-30 or SAE 0W-40</td>
</tr>
<tr>
<td></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 engine B14NET</th>
<th>All other petrol engines (including CNG, LPG, E85)</th>
<th>Diesel engines</th>
</tr>
</thead>
<tbody>
<tr>
<td>dexos1 Gen2</td>
<td>✓</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>dexos2</td>
<td>-</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 engine B14NET</th>
<th>All other petrol engines (including CNG, LPG, E85)</th>
<th>Diesel engines</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACEA A3/B4</td>
<td>-</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>ACEA C3</td>
<td>-</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
### Technical data

#### 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 0W-30 or SAE 0W-40</td>
</tr>
<tr>
<td></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(^1)</td>
</tr>
</tbody>
</table>

\(^1\) Permitted, but usage of oils with dexos quality is recommended.
### Engine data

<table>
<thead>
<tr>
<th>Engine identifier code</th>
<th>B14NEL</th>
<th>B14NET</th>
<th>B14NET</th>
<th>B16XNT</th>
<th>B16SHT</th>
<th>B16SHL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales designation</td>
<td>1.4</td>
<td>1.4</td>
<td>1.4 LPG</td>
<td>1.6</td>
<td>1.6</td>
<td>1.6</td>
</tr>
<tr>
<td>Engineering code</td>
<td>B14NET</td>
<td>B14NET</td>
<td>B14NET</td>
<td>B16XNT</td>
<td>B16SHT</td>
<td>B16SHT</td>
</tr>
<tr>
<td>Piston displacement [cm³]</td>
<td>1364</td>
<td>1364</td>
<td>1364</td>
<td>1598</td>
<td>1598</td>
<td>1598</td>
</tr>
<tr>
<td>Engine power [kW]</td>
<td>88</td>
<td>103</td>
<td>103</td>
<td>110</td>
<td>147</td>
<td>125</td>
</tr>
<tr>
<td>at rpm</td>
<td>4200-6000</td>
<td>4900-6000</td>
<td>4900</td>
<td>5000</td>
<td>5500</td>
<td>4750-6000</td>
</tr>
<tr>
<td>Torque [Nm]</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>210</td>
<td>280</td>
<td>260</td>
</tr>
<tr>
<td>at rpm</td>
<td>1850-4200</td>
<td>1850-4900</td>
<td>1850-4900</td>
<td>2300</td>
<td>1650-5000</td>
<td>1650-4500</td>
</tr>
<tr>
<td>Fuel type</td>
<td>Petrol</td>
<td>Petrol</td>
<td>Liquid gas/Petrol</td>
<td>Natural gas/Petrol</td>
<td>Petrol</td>
<td>Petrol</td>
</tr>
<tr>
<td>Octane rating RON²)</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>98</td>
<td>98</td>
</tr>
<tr>
<td>possible</td>
<td>98</td>
<td>98</td>
<td>98</td>
<td>98</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>possible</td>
<td>91</td>
<td>91</td>
<td>91</td>
<td>91</td>
<td>91</td>
<td>91</td>
</tr>
<tr>
<td>Additional fuel type</td>
<td>–</td>
<td>–</td>
<td>Liquid gas (LPG)</td>
<td>Natural gas (CNG)</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

²) A country specific label at the fuel filler flap can supersede the engine specific requirement.
## Technical data

<table>
<thead>
<tr>
<th></th>
<th>B16DTJ</th>
<th>B16DTH</th>
<th>B20DTJ</th>
<th>B20DTH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engine identifier code</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sales designation</td>
<td>1.6 Turbo</td>
<td>1.6 Turbo</td>
<td>2.0 Turbo</td>
<td>2.0 Turbo</td>
</tr>
<tr>
<td>Engineering code</td>
<td>B16DTH</td>
<td>B16DTH</td>
<td>B20DTH</td>
<td>B20DTH</td>
</tr>
<tr>
<td>Piston displacement [cm³]</td>
<td>1598</td>
<td>1598</td>
<td>1956</td>
<td>1956</td>
</tr>
<tr>
<td>Engine power [kW]</td>
<td>88</td>
<td>99</td>
<td>96</td>
<td>125</td>
</tr>
<tr>
<td>at rpm</td>
<td>4000</td>
<td>3500-4000</td>
<td>3750</td>
<td>3750</td>
</tr>
<tr>
<td>Torque [Nm]</td>
<td>320</td>
<td>320</td>
<td>300</td>
<td>400</td>
</tr>
<tr>
<td>at rpm</td>
<td>2000</td>
<td>2000</td>
<td>1500-2750</td>
<td>1750-2500</td>
</tr>
<tr>
<td>Fuel type</td>
<td>Diesel</td>
<td>Diesel</td>
<td>Diesel</td>
<td>Diesel</td>
</tr>
</tbody>
</table>
## Performance

<table>
<thead>
<tr>
<th>Engine</th>
<th>B14NEL</th>
<th>B14NET LPG</th>
<th>B14NET CNG</th>
<th>B16XNT CNG</th>
<th>B16SHL</th>
<th>B16SHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum speed(^3) [km/h]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manual transmission</td>
<td>190</td>
<td>200</td>
<td>195</td>
<td>200</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>with Stop-start system</td>
<td>192</td>
<td>202</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>220</td>
</tr>
<tr>
<td>Automatic transmission</td>
<td>–</td>
<td>197</td>
<td>–</td>
<td>–</td>
<td>208</td>
<td>–</td>
</tr>
</tbody>
</table>

\(^3\) The maximum speed indicated is achievable at kerb weight (without driver) plus 200 kg payload. Optional equipment could reduce the specified maximum speed of the vehicle.

<table>
<thead>
<tr>
<th>Engine</th>
<th>B16DTJ</th>
<th>B16DTH</th>
<th>B20DTJ</th>
<th>B20DTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum speed(^3) [km/h]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manual transmission</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>208</td>
</tr>
<tr>
<td>with Stop-start system</td>
<td>186</td>
<td>191</td>
<td>–</td>
<td>208</td>
</tr>
<tr>
<td>Automatic transmission</td>
<td>–</td>
<td>–</td>
<td>190</td>
<td>205</td>
</tr>
</tbody>
</table>

\(^3\) The maximum speed indicated is achievable at kerb weight (without driver) plus 200 kg payload. Optional equipment could reduce the specified maximum speed of the vehicle.
### Vehicle weight

**Kerb weight, basic model without any optional equipment**

<table>
<thead>
<tr>
<th>Engine</th>
<th>Manual transmission</th>
<th>Automatic transmission</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>5-seats/7-seats [kg]</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B14NEL</td>
<td>1613/1640</td>
<td>–</td>
</tr>
<tr>
<td>B14NET</td>
<td>1613/1640</td>
<td>1613/1640</td>
</tr>
<tr>
<td>B14NET LPG</td>
<td>1664/1691</td>
<td>–</td>
</tr>
<tr>
<td>B16XNT CNG</td>
<td>1701/1728</td>
<td>–</td>
</tr>
<tr>
<td>B16SHL</td>
<td>–</td>
<td>1701/1728</td>
</tr>
<tr>
<td>B16SHT</td>
<td>1664/1691</td>
<td>–</td>
</tr>
<tr>
<td>B16DTJ</td>
<td>1701/1728</td>
<td>–</td>
</tr>
<tr>
<td>B16DTH</td>
<td>1701/1728</td>
<td>–</td>
</tr>
<tr>
<td>B20DTJ</td>
<td>–</td>
<td>1788/1815</td>
</tr>
<tr>
<td>B20DTH</td>
<td>1733/1760</td>
<td>1788/1815</td>
</tr>
</tbody>
</table>

Optional equipment and accessories increase the kerb weight.

Loading information ◇ 94.
## Vehicle dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length [mm]</td>
<td>4666</td>
</tr>
<tr>
<td>Width with folded exterior mirrors [mm]</td>
<td>1928</td>
</tr>
<tr>
<td>Width with two exterior mirrors [mm]</td>
<td>2100</td>
</tr>
<tr>
<td>Height (without antenna) [mm]</td>
<td>1620 - 1710</td>
</tr>
<tr>
<td>Length of load compartment floor with folded third row [mm]</td>
<td>1094</td>
</tr>
<tr>
<td>Length of load compartment with folded second and third row [mm]</td>
<td>1842</td>
</tr>
<tr>
<td>Load compartment width [mm]</td>
<td>1057</td>
</tr>
<tr>
<td>Load compartment height [mm]</td>
<td>840</td>
</tr>
<tr>
<td>Wheelbase [mm]</td>
<td>2760</td>
</tr>
<tr>
<td>Turning circle diameter [m]</td>
<td>11.9</td>
</tr>
</tbody>
</table>
## Capacities

### Engine oil

<table>
<thead>
<tr>
<th>Engine</th>
<th>B14NEL</th>
<th>B14NET, B14NET LPG</th>
<th>B16XNT CNG</th>
<th>B16SHL, B16SHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>including filter [l]</td>
<td>4.0</td>
<td>4.0</td>
<td>4.5</td>
<td>5.5</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>
</tr>
</tbody>
</table>

### Engine

<table>
<thead>
<tr>
<th>Engine</th>
<th>B16DTJ, B16DTH</th>
<th>B20DTJ</th>
<th>B20DTH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>including Filter [l]</td>
<td>5.0</td>
<td>5.25</td>
<td>5.25</td>
</tr>
<tr>
<td>between MIN and MAX [l]</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
</tbody>
</table>

### Fuel tank

<table>
<thead>
<tr>
<th>Petrol/diesel, refilling quantity [l]</th>
<th>58</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural gas CNG, refilling quantity [kg] or [l]</td>
<td>25 kg(^4) or 144 l</td>
</tr>
<tr>
<td>Petrol, refilling quantity [l]</td>
<td>14</td>
</tr>
<tr>
<td>Liquid gas LPG, refilling quantity [l]</td>
<td>60</td>
</tr>
</tbody>
</table>

\(^4\) At 20 MPa/200 bar/2900 psi and 15 °C.
### AdBlue tank

<table>
<thead>
<tr>
<th>AdBlue, refilling quantity [l]</th>
<th>7.5 / 12.5</th>
</tr>
</thead>
</table>
## Technical data

### 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</td>
<td>rear</td>
<td>front</td>
<td>rear</td>
</tr>
<tr>
<td></td>
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<td>ECO with up to 3 people</td>
<td>With full load</td>
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<td>125/70 R17</td>
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<td>420/4.2 (61)</td>
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5) In combination with ultra low rolling resistance tyres: 300/3.0 (43).
Customer information

Declaration of conformity

Transmission systems

This vehicle has systems that transmit and/or receive radio waves subject to Directive 2014/53/EU. The manufacturers of the systems listed below declare conformity with Directive 2014/53/EU. The full text of the EU declaration of conformity for each system is available at the following internet address:

www.opel.com/conformity.

Operation frequency (MHz)  Maximum output (dBm)
2400.0 - 2483.0                  4
2400.0 - 2483.5                  13
5725.0 - 5850.0                  13
2400.0 - 2483.5                  4

DAB+ Module
Panasonic Automotive & Industrial Systems Europe GmbH, Robert-Bosch-Straße 27-29, 63225 Langen, Germany
Operation frequency: N/A
Maximum output: N/A

Antenna Laird
Laird
Daimlerring 31, 31135 Hildesheim, Germany
Operation frequency: N/A
Maximum output: N/A

Antenna Kathrein
Kathrein Automotive GmbH
Customer information

Roemerring 1, 31137 Hildesheim, Germany
Operation frequency: N/A
Maximum output: N/A

OnStar module
LG Electronics
European Shared Service center B.V., Krijgsman 1, 1186 DM Amstelveen, The Netherlands
Operation frequency: N/A
Maximum output: N/A

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Front radar unit
Delphi Deutschland GmbH
Delphiplatz 1, 42119 Wuppertal, Germany
Operation frequency: 76 – 77 GHz
Maximum output: 55 EIRP dBm

Immobiliser
Continental Automotive GmbH
Siemensstrasse 12, 93055 Regensburg, Germany
Operation frequency: 125 kHz
Maximum output: 5.1 dBuA/m @ 10m

Radio remote control receiver
Continental Automotive GmbH
Siemensstrasse 12, 93055 Regensburg, Germany
Operation frequency: N/A
Maximum output: N/A

Radio remote control transmitter
Continental Automotive GmbH
Siemensstrasse 12, 93055 Regensburg, Germany
Operation frequency: 433.92 MHz
Maximum output: 10 dBm

Tyre pressure sensors
Schrader Electronics Ltd.

11 Technology Park, Belfast Road, Antrim BT41 1QS, Northern Ireland, United Kingdom
Operation frequency: 433.92 MHz
Maximum output: 10 dBm

Parking heater remote control receiver
Webasto Thermo & Comfort SE
Friedrichshafener Str. 9, 82205 Gilching, Germany
Operation frequency: N/A
Maximum output: N/A

Parking heater remote control transmitter
Webasto Thermo & Comfort SE
Friedrichshafener Str. 9, 82205 Gilching, Germany
Operation frequency: 869 MHz
Maximum output: 14 dBm

Radar systems
Country-specific Declarations of Conformity for radar systems are shown on the following page:
Customer information

European Union
EC Directive: 1999/5/EC
Manufacturer: Delphi Electronics & Safety
Model / Type Designation: L2C0038TR

Description / Intended Use:
Electronically Scanned Radar (ESR), a 76.5GHz adaptive cruise control system radar fitted to motor vehicles at vehicle manufacture

Applied Standards:
47 CFR Part 15
CEPT ERC Recommendation 70-03
EN 60950
EN 301 091
European Commission Directive 2006/28/EC

I declare that the product referenced above is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC, on the approximation of the laws of the member states relating to Directive 1999/5/EC.

Indonesia
14785/POSTEL/2010
1982

Jordan
Type Approval No.: TRC/LPD/2009/87
Equipment Type: Low Power Device (LPD)

Malaysia

Approval #: B 05358

Morocco
AGREE PAR L’ANRT MAROC
Numéro d’agrément : MR 4838 ANRT 2009
Date d’agrément : 22/5/2009

Singapore
Complies with
IDA Standards
DA105753

South Africa
ICASA

South Korea

Taiwan

United States of America and Canada
Model / FCC ID: L2C0038TR IC: 3432A-0038TR
This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Note: Changes or modifications not expressively approved by the party responsible for compliance could void the user's authority to operate the equipment. The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

Note: This equipment complies with radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.
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: 13348505, 13504504
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 tire, 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
Opel Automobile GmbH
D-65423 Rüsselsheim

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unzip

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**Vehicle data recording and privacy**

**Event data recorders**

Electronic control units are installed in your vehicle. Control units process data which is received by vehicle sensors, for example, or which they generate themselves or exchange amongst themselves. Some control units are necessary for the safe functioning of your vehicle, others assist you while you drive (driver assistance systems), while others provide comfort or infotainment functions.

**Operating data in the vehicle**

Control units process data for operation of the vehicle.
This data includes, for example:

- Vehicle status information (e.g. wheel rotation rate, speed, movement delay, lateral acceleration, "seatbelts fastened" display),
- Ambient conditions (e.g. temperature, rain sensor, distance sensor).

Most of this data is volatile and is processed only in the vehicle itself, and not beyond the operating time.

Moreover, many control units include data storage device (amongst others the vehicle key). This is used to allow information to be documented temporarily or permanently on vehicle condition, component stress, maintenance requirements and technical events and errors.

The following information, for example, is stored:

- System component operating states (e.g. fill level, tyre pressure, battery status),
- State of charge of the high voltage battery, estimated range (in the case of electric vehicles),
- Faults and defects in important system components (e.g. lights, brakes),
- System reactions in special driving situations (e.g. triggering of an airbag, actuation of the stability control systems),
- Information on events damaging the vehicle.

In special cases (e.g. if the vehicle has detected a malfunction), it may be necessary to save data that would otherwise just be volatile.

When you use services, the operating data saved can be read together with the vehicle identification number and used if necessary. Staff working for the service net-work (e.g. garages, manufacturers) or third parties (e.g. breakdown services) can read the data from the vehicle. Services include repair services, maintenance processes, warranty cases and quality assurance measures.

Data is generally read via the OBD (On-Board Diagnostics) port prescribed by law in the vehicle. The operating data which has been read out documents the technical condition of the vehicle or individual components and assists with fault diagnosis, compliance with warranty obligations and quality improvement. This data, in particular information on component stress, technical events, operator errors and other faults, is transmitted to the manufacturer where appropriate, together with the vehicle identification number. The manufacturer is also subject to product liability. The manufacturer potentially also needs operating data from vehicles for product recalls.

Fault memories in the vehicle can be reset by a service company when carrying out servicing or repairs.

**Comfort and infotainment functions**

Comfort settings and custom settings can be stored in the vehicle and changed at any time.
Depending on the equipment level in question, these include

- Seat and steering wheel position settings,
- Chassis and air conditioning settings,
- Custom settings such as interior lighting.

You can input your own data in the infotainment functions for your vehicle as part of the selected features.

Depending on the equipment level in question, these include

- Multimedia data such as music, videos or photos for playback in an integrated multimedia system,
- Address book data for use with an integrated hands-free system or an integrated navigation system,
- Input destinations,
- Data on the use of online services.

This data for comfort and infotainment functions can be stored locally in the vehicle or be kept on a device that you have connected to the vehicle (e.g. a smartphone, USB stick or MP3 player). Data that you have input yourself can be deleted at any time.

This data can only be transmitted out of the vehicle at your request, particularly when using online services in accordance with the settings selected by you.

**Smartphone integration, e.g. Android Auto or Apple CarPlay**

If your vehicle is equipped accordingly, you can connect your smartphone or another mobile device to the vehicle so that you can control it via the controls integrated in the vehicle. The smartphone image and sound can be output via the multimedia system in this case. At the same time, specific information is transmitted to your smartphone. Depending on the type of integration, this includes data such as position data, day / night mode and other general vehicle information. For more information, please see the operating instructions for the vehicle / infotainment system.

Integration allows selected smartphone apps to be used, such as navigation or music playback. No further integration is possible between smartphone and vehicle, in particular active access to vehicle data. The nature of further data processing is determined by the provider of the app used. Whether you can define settings, and if so which ones, is dependent on the app in question and your smartphone's operating system.
Online services

If your vehicle has a radio network connection, this allows data to be exchanged between your vehicle and other systems. The radio network connection is made possible by means of a transmitter device in your vehicle or a mobile device provided by you (e.g. a smartphone). Online functions can be used via this radio network connection. These include online services and applications/apps provided to you by the manufacturer or other providers.

Services of the manufacturer

In the case of the manufacturer's online services, the relevant functions are described by the manufacturer in an appropriate location (e.g. Owner's Manual, the manufacturer's website) and the associated data protection information is provided. Personal data may be used to provide online services. Data exchange for this purpose takes place via a protected connection, e.g. using the manufacturer's IT systems provided for the purpose. Collection, processing and use of personal data for the purposes of preparation of services take place solely on the basis of legal permission, e.g. in the case of the eCall emergency communication system or a contractual agreement, or by virtue of consent.

You can activate or deactivate the services and functions (which are subject to charges to some extent) and, in some cases, the vehicle's entire radio network connection. In particular, this does not include statutory functions and services such as eCall.

Third party services

If you make use of online services from other providers (third parties), these services are subject to the liability and data protection and usage conditions of the provider in question. The manufacturer frequently has no influence over the content exchanged in this regard.

Therefore, please note the nature, scope and purpose of the collection and use of personal data within the scope of third party services provided by the service provider in question.

Radio Frequency Identification (RFID)

RFID technology is used in some vehicles for functions such as tyre pressure monitoring and immobiliser. It is also used in connection with conveniences such as radio remote controls for door locking / unlocking and starting. 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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