
CROSSLAND X
Owner's Manual
CROSSLAND

Contents

Introduction

Fuel	Designation			
Engine oil	Grade			
	Viscosity			
Tyre pressure		Tyre size	Front	Rear
	Summer tyres			
	Winter tyres			
Weights				
	Gross vehicle weight rating			
	- Kerb weight, basic model			
	= Loading			

Vehicle specific data

Please enter your vehicle's data on the previous page to keep it easily accessible. This information is available in the sections "Service and maintenance" and "Technical data" as well as on the identification plate.

Introduction

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

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

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

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

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

When this Owner's Manual refers to a workshop visit, we recommend your Opel Service Partner. For gas vehicles, we recommend an Opel Repairer authorised for servicing gas vehicles.

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

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

Using this manual

- This manual describes all options and features available for this model. **Certain descriptions, including those for display and menu functions, may not apply to your vehicle due to model variant, country specifications, special equipment or accessories.**
- The "In brief" section will give you an initial overview.
- The table of contents at the beginning of this manual and within each section shows where the information is located.
- The index will enable you to search for specific information.
- This Owner's Manual depicts left-hand drive vehicles. Operation is similar for right-hand drive vehicles.
- The Owner's Manual uses the engine identifier code. The corresponding sales designation and engineering code can be found in the section "Technical data".
- Directional data, e.g. left or right, or front or back, always relate to the direction of travel.
- 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".

Chronological order to select menu entries in the vehicle personalisation is indicated with ➧.

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

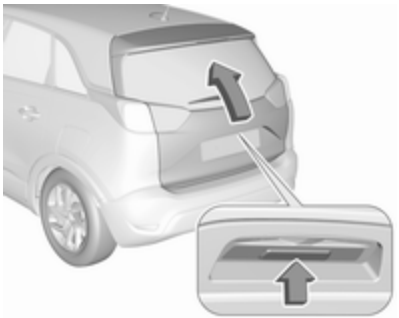
Initial drive information

Vehicle unlocking

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

Press to unlock the tailgate only.

Tailgate



After unlocking, press the touchpad switch above the licence plate and open the tailgate.

Radio remote control ⇨ 22.

Central locking system ⇨ 24.

Electronic key system ⇨ 23.

Load compartment ⇨ 30.

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 ⇨ 43.

Seat adjustment ⇨ 44.

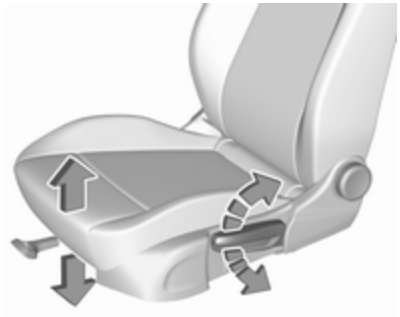
Backrests inclination

Turn handwheel. Do not lean on backrest when adjusting.

Seat position ⇨ 43.

Seat adjustment ⇨ 44.

Seat height



Lever pumping motion

up : seat higher
down : seat lower

Seat position ⇨ 43.

Seat adjustment ⇨ 44.

Seat inclination

Press switch

top : front end higher
bottom : front end lower

Seat position ⇨ 43.

Seat adjustment ⇨ 44.

Head restraint adjustment

Press release button, adjust height, engage.

Head restraints ⇨ 42.

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 ⇨ 43.

Seat belts ⇨ 48.

Airbag system ⇨ 51.

Mirror adjustment

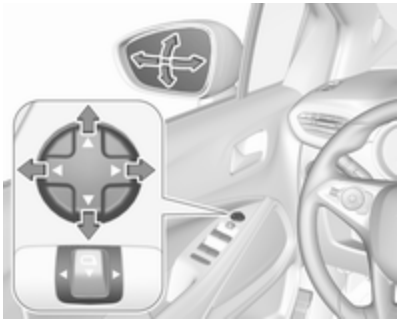
Interior mirror

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

Manual anti-dazzle interior mirror ⇨ 36.

Automatic anti-dazzle interior mirror ⇨ 36.

Exterior mirrors



Select the relevant exterior mirror by pushing the mirror button to the left or right. Adjust respective mirror by the four-way control.

Convex mirrors ⇨ 34.

Electric adjustment ⇨ 34.

Folding mirrors ⇨ 35.

Heated mirrors ⇨ 35.

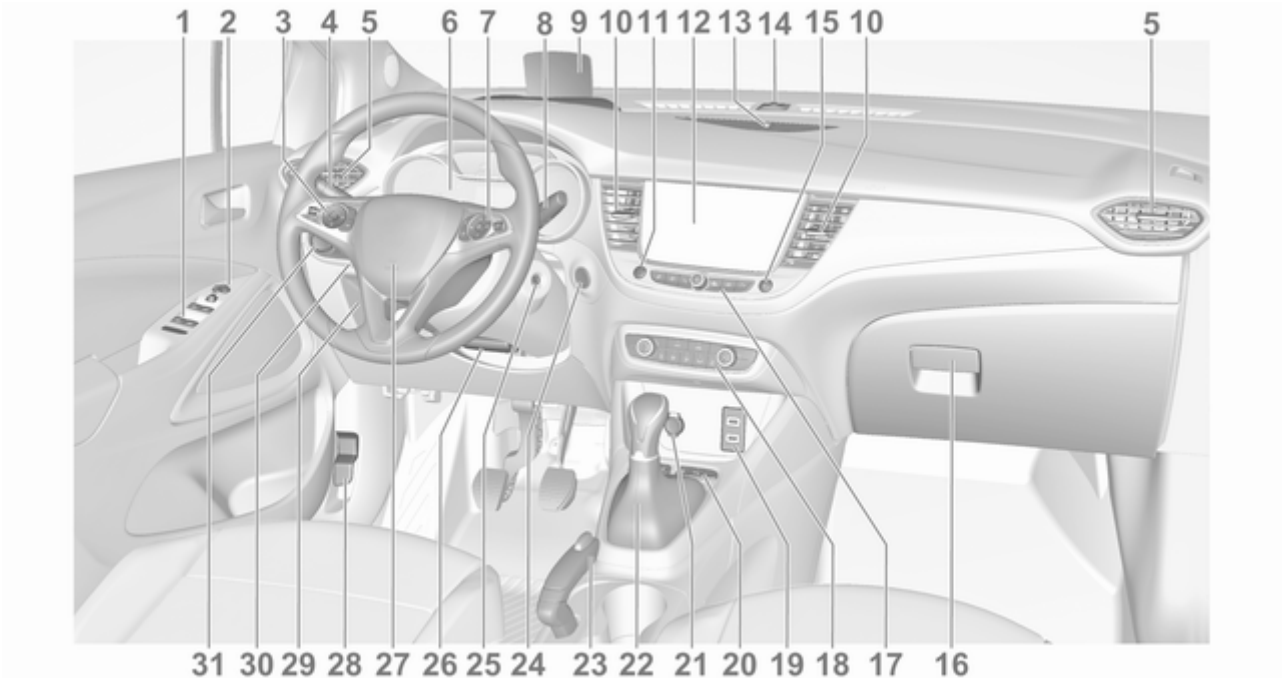
Steering wheel adjustment

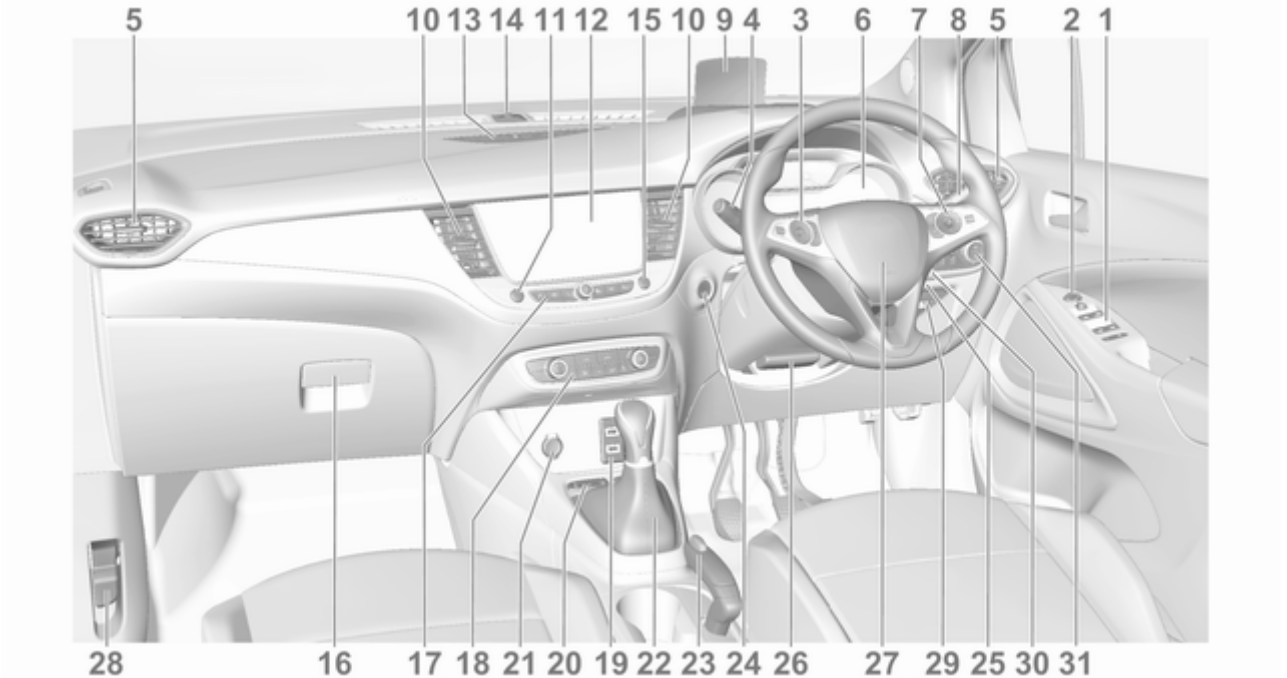
Unlock lever, adjust steering wheel, then engage lever and ensure it is fully locked. Do not adjust steering wheel unless vehicle is stationary and steering wheel lock has been released.

Seat position ⇨ 43.

Ignition positions ⇨ 132.

Instrument panel overview




5
10 13 14 11 12 15 10 9 4 3 6 7 8 5 2 1
28 16 17 18 21 20 19 22 23 24 26 27 29 25 30 31

Exterior lighting

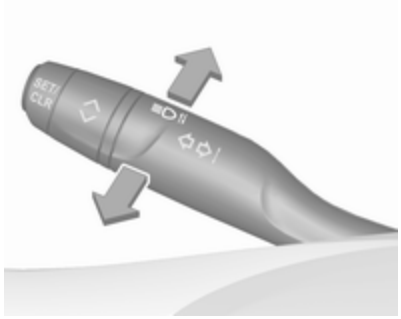
AUTO : automatic light control switches automatically between daytime running light and headlight
: sidelights
: headlights

Automatic light control ⇨ 111.

Fog lights

Press button in light switch:
: front fog lights
: rear fog light

Headlight flash and high beam



pull stalk : headlight flash
push stalk : high beam

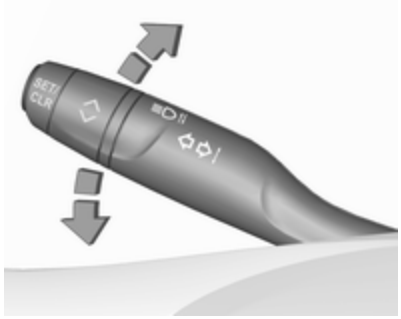
High beam ⇨ 111.

High beam assist ⇨ 112.

Headlight flash ⇨ 111.

Adaptive forward lighting ⇨ 112.

Turn lights



stalk up : right turn light
stalk down : left turn light

Turn lights ⇨ 114.

Parking lights ⇨ 115.

Hazard warning flashers

Operated by pressing ⚠.

Hazard warning flashers ⇨ 113.

Horn

Press 📯.

Washer and wiper systems

Windscreen wiper

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

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

Windscreen wiper ⇨ 74.

Windscreen washer

Pull lever.

Windscreen washer system ⇨ 74.

Washer fluid ⇨ 191.

Wiper blade replacement ⇨ 194.

Rear window wiper

Turn outer cap to activate the rear window wiper:

OFF : off
INT : intermittent operation
ON : continuous operation

Rear window washer

Push lever.

Washer fluid is sprayed on the rear window and the wiper wipes a few times.

Rear window wiper / washer ⇨ 76.

Climate control

Heated rear window

The heating is operated by pressing REAR.

Heated rear window ⇨ 38.

Heated exterior mirrors ⇨ 35.

Demisting and defrosting the windows

- Press MAX: the air distribution is directed towards the windscreen.
- Set temperature controller ⟨ ⟩ to warmest level.
- Switch on air conditioning **A/C** if required.
- Set fan speed ⌘ to highest level.
- Switch on heated rear window REAR.
- Switch on heated windscreen.
- Open side air vents as required and direct them towards the door windows.

Electronic climate control system ⇨ 123.

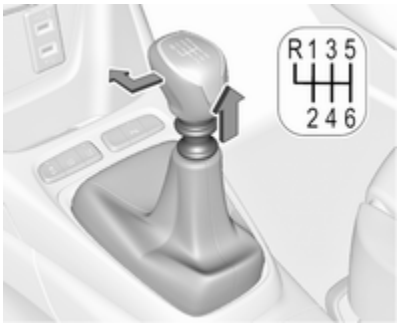
Heating and ventilation system ⇨ 119.

Air conditioning system ⇨ 120.

Heated windscreen ⇨ 39.

Transmission

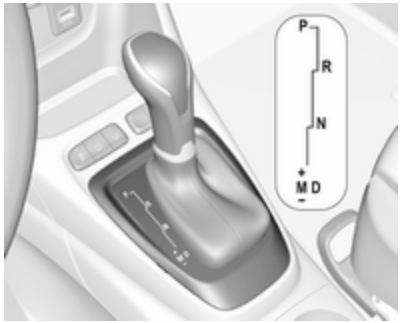
Manual transmission



To engage reverse on 6-speed transmission, depress the clutch pedal, pull the ring under the selector lever and move the selector lever to the left and front.

Manual transmission ⇨ 147.

Automatic transmission



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

Automatic transmission ⇨ 144.

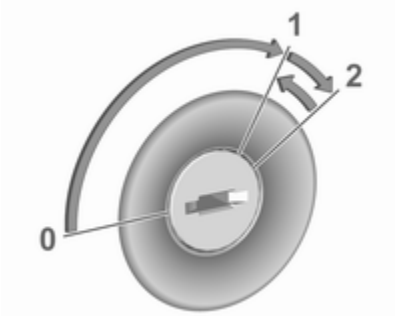
Starting off

Check before starting off

- tyre pressure ⇨ 208 and condition ⇨ 244
- engine oil level and fluid levels ⇨ 190
- all windows, mirrors, exterior lighting and number plates are free from dirt, snow and ice and are operational
- proper position of mirrors ⇨ 34, seats ⇨ 43 and seat belts ⇨ 49
- brake function at low speed, particularly if the brakes are wet

Starting the engine

Ignition switch



- Turn key to position **1**.
- Move the steering wheel slightly 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 accelerator pedal.
- Diesel engine: wait until control indicator for preheating extinguishes.
- Turn key to position **2** and release after engine has been started.

Starting the engine ⇨ 135.

Power button

- Manual transmission: operate clutch and brake pedal.
- Automatic transmission: operate brake pedal and move selector lever to **P** or **N**.
- Do not operate accelerator pedal.
- Press **Start/Stop** button.
- Release button after starting procedure begins.

Stop-start system

If the vehicle is at a low speed or at a standstill and certain conditions are fulfilled, an Autostop is activated.

An Autostop is indicated by control indicator Ⓐ.

Manual transmission: to restart the engine, depress the clutch pedal again. Control indicator Ⓐ extinguishes.

Automatic transmission: to restart the engine, release the brake pedal. Control indicator Ⓐ extinguishes.

Stop-start system ⇨ 137.

Parking

⚠Warning

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

- Lock the vehicle with ⍞ on the radio remote control.

  Activate the anti-theft alarm system ⇨ 32.
- The engine cooling fans may run after the engine has been switched off ⇨ 189.

Caution

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

Keys, locks ⇨ 21.

Laying-up the vehicle for a long period of time ⇨ 188.

Keys, doors and windows

Keys, locks

Keys

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

Replacement keys

The key number is specified on a detachable tag.

The key number must be quoted when ordering replacement keys as it is a component of the immobiliser system.

Locks ⇨ 224.

Central locking ⇨ 24.

Starting the engine ⇨ 135.

Radio remote control ⇨ 22.

Electronic key ⇨ 23.

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 ⇨ 215.

Key with foldaway key section

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

Radio remote control

Enables operation of the following functions via the use of the remote control buttons:

- central locking system ⇨ 24
- anti-theft locking system ⇨ 31
- anti-theft alarm system ⇨ 32
- tailgate unlocking ⇨ 24
- power windows ⇨ 37
- mirrors folding

The remote control has a range of up to 100 m, but may also be much less due to external influences. The hazard warning flashers confirm operation.

Handle with care, protect from moisture and high temperatures and avoid unnecessary operation.

Replacing battery in radio remote control

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.

1. To unclip the cover insert a small screwdriver between the back cover and the remote control.
2. Remove the back cover.
3. Extract the flat battery from its location.
4. Replace battery with a battery of the same type. Pay attention to the installation position.
5. Clip the cover in place.

Fault

If the central locking system cannot be operated with the radio remote control, the cause may be one of the following:

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

Manual unlocking ⇨ 24.

Electronic key system

Enables a keyless operation of the following functions:

- central locking system ⇨ 24
- ignition switching on and starting the engine ⇨ 135

The electronic key simply needs to be on the driver's person.

Additionally, the electronic key includes the functionality of the radio remote control ⇨ 22.

Handle with care, protect from moisture and high temperatures and avoid unnecessary operation.

Replacing battery in electronic key

Replace the battery as soon as the system no longer operates properly or the range is reduced. The need for battery replacement is indicated by a message in the Driver Information Centre ⇨ 101.

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

1. To unclip the cover insert a small screwdriver in the cutout.
2. Remove the cover.
3. Extract the flat battery from its location.
4. Replace battery with a battery of the same type. Pay attention to the installation position.
5. Clip the cover in place.

Fault

If the central locking cannot be operated or the engine cannot be started, the cause may be one of the following:

- Fault in electronic key.
- Electronic key is out of reception range.
- The battery voltage is too low.
- 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.

To rectify the cause of the fault, change the position of the electronic key.

Manual unlocking ⇨ 24.

Central locking system

Unlocks and locks doors, load compartment and fuel filler flap.

Pull an interior door handle fully to unlock and open the respective 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 locked automatically if no door has been opened.

Remote control operation

Unlocking

Press 🔓.

Unlocking mode can be set in the vehicle personalisation menu in the Info Display. Two settings are selectable:

- All doors, load compartment and fuel filler flap will be unlocked by pressing 🔓 once.
- Only the driver's door and fuel filler flap will be unlocked by pressing 🔓 once. To unlock all doors, load compartment and fuel filler flap, press 🔓 twice.

Select the relevant setting in the Vehicle personalisation.

Vehicle personalisation ⇨ 102.

Unlocking the tailgate

Press 🚗 longer to unlock the tailgate only.

Vehicle personalisation ⇨ 102.

Unlocking and opening the tailgate ⇨ 30.

Locking

Close doors, load compartment and fuel filler flap.

Press 🔒.

If a door is not closed properly, the central locking system will not work.

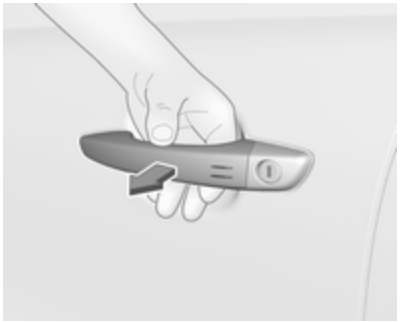
Confirmation

Operation of the central locking system is confirmed by the hazard warning flashers.

Electronic key system operation

The electronic key must be outside the vehicle, within a range of approx. 1 m of the relevant door side.

Unlocking



Pass your hand behind one of the front door handles to unlock the vehicle or press the tailgate button.

Unlocking mode can be set in the vehicle personalisation. Three settings are selectable:

- Only the driver's door and fuel filler flap will be unlocked by passing your hand behind the driver's door handle.
- All doors, load compartment and fuel filler flap will be unlocked by passing your hand behind one of the front door handles or by pressing the tailgate button.
- Only the tailgate will be unlocked by pressing the tailgate button.

Vehicle personalisation ⇨ 102

Locking

Press with a finger or thumb on one of the front door handles (at the markings).

All doors, load compartment and fuel filler flap will be locked.

The system locks if any door has been opened and all doors are now closed.

If the driver's door is not closed properly, the electronic key remains in the vehicle or the ignition is not off, locking will not be permitted and a warning chime sounds.

If there have been two or more electronic keys in the vehicle and the ignition was on once, the doors will be locked even if just one electronic key is taken out of the vehicle.

Unlocking and opening the tailgate

The tailgate can be unlocked and opened by pushing the touchpad under the tailgate moulding when the electronic key is in range. The doors remain locked depending on the configuration in the vehicle personalisation.

Load compartment ⇨ 30

Vehicle personalisation ⇨ 102

Operation with buttons on the electronic key

The central locking system can also be operated with the buttons on the electronic key.

Press to unlock the driver's door and the fuel filler flap or all doors, the fuel filler flap and the tailgate.

Press to lock the driver's door and the fuel filler flap or all doors, the fuel filler flap and the tailgate.

Press longer to unlock and open only the tailgate or all doors, the fuel filler flap and the tailgate.

Remote control operation ⇨ 24.

Confirmation

Operation of central locking system is confirmed by the hazard warning flashers.

Central locking buttons

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

Press to lock. The LED in the button illuminates.

Press again to unlock. The LED in the button extinguishes.

Operation with the key in case of a central locking system fault

In case of a fault, e.g. vehicle battery or remote control / electronic key battery is discharged, the driver's door can be locked or unlocked with the mechanical key.

Manual unlocking

Electronic key: press and hold the latch to extract the integral key.

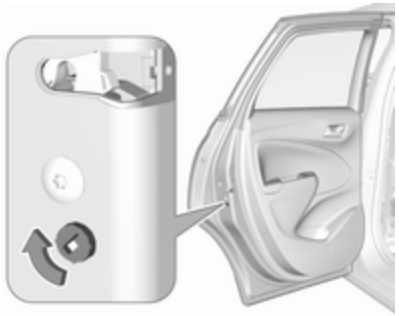
Manually unlock the driver's door by inserting and turning the key in the lock cylinder.

The other doors can be opened by pulling the interior handle. The load compartment and fuel filler flap will possibly not be unlocked.

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

Manual locking

Manually lock the driver's door by inserting and turning the key in the lock cylinder.



To lock the other doors, first remove the black cover by inserting a key and turning clockwise.

Insert key into the recess and move latch sideways.

Remove key and attach the black cover.

The fuel filler flap and tailgate are possibly not locked.

Automatic locking

Automatic locking after driving off

This system allows automatic locking of the doors as soon as the speed of the vehicle exceeds 10 km/h.

If one of the doors or the load compartment is open, the automatic central locking does not take place. This is signalled by the sound of the locks rebounding, accompanied by illumination of in the instrument panel, an audible signal and the display of an alert message.

You can activate or deactivate this function permanently. With the ignition on, press until an audible signal starts and a corresponding message is displayed.

The state of the system stays in memory when switching off the ignition.

Automatic relock after unlocking

This feature automatically locks all doors, load compartment and fuel filler flap a short time after unlocking with the remote control or electronic key, provided no door has been opened.

Child locks

⚠Warning

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

Mechanical child locks

Turn the red child lock in the rear doors to the horizontal position by using a key. The door cannot be opened from the inside.

To deactivate, turn the child lock to the vertical position.

Electric child locks

Remotely operated system to prevent opening of the rear doors using their interior controls.

Switching on

Press . The indicator lamp in the button comes on, accompanied by a confirmation message. This indicator lamp remains on until the child lock is switched off.

Switching off

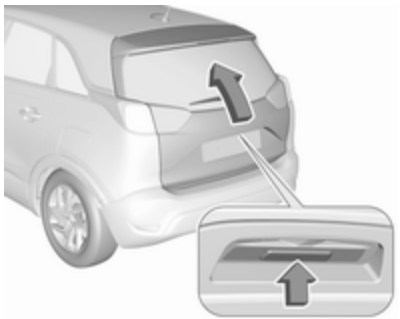
Press again. The indicator lamp on button goes off, accompanied by a confirmation message. This indicator lamp remains on while child lock is switched on.

Doors

Load compartment

Tailgate

Opening



After unlocking, press the tailgate button and open the tailgate.

Closing

Use the interior handle.

Do not push the touchpad switch whilst closing as this will unlock the tailgate again.

Central locking system ⇨ 24.

General hints for operating tailgate

⚠Danger

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

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.

Note
At low outside temperatures the tailgate may not open fully by itself. In this event, lift the tailgate manually to its normal end position.

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

All doors must be closed and the electronic key of the electronic key system must not remain in the vehicle. Otherwise the system cannot be activated.

- Radio remote control: self-activated 30 seconds after locking the vehicle by pressing once.
- Electronic key system: self-activated 30 seconds after locking the vehicle by pressing with a finger or thumb on one of the front door handles at the markings.

- Radio remote control or electronic key: directly by pressing twice within 5 seconds.
- Electronic key system with passive locking enabled: briefly activated after passive locking occurs.

Note

Changes to the vehicle interior such as the use of seat covers and open windows, 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, windows.
2. Press . LED in the button illuminates for a maximum of 10 minutes.
3. Close doors.
4. Activate the anti-theft alarm system.

Status message is displayed in the Driver Information Centre.

Indication

LED in the button flashes if the anti-theft alarm system is activated.

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

Deactivation

Radio remote control: Unlocking the vehicle by pressing deactivates the anti-theft alarm system.

Electronic key system: Unlocking the vehicle by pressing on one of the front door handles at the markings deactivates the anti-theft alarm system.

The electronic key must be outside the vehicle, within a range of approx. 1 m of the relevant door side.

The system is not deactivated by unlocking the driver's door with the key or with the central locking button in the passenger compartment.

Alarm

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

The anti-theft alarm system can be deactivated by pressing ⍰, by pressing on one of the front door handles at the markings with electronic key system or 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 four times the next time the vehicle is unlocked with the radio remote control.

Vehicle messages ⇨ 101.

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.

Note
Radio Frequency Identification (RFID) tags may cause interference with the key. Do not have it placed near the key when starting the vehicle.

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 ⇨ 24, ⇨ 32.

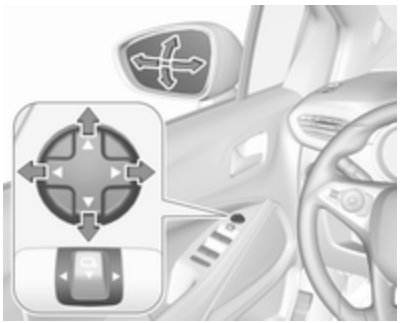
Exterior mirrors

Convex shape

The shape of the mirror makes objects appear smaller, which will affect the ability to estimate distances.

Side blind spot alert ⇨ 169.

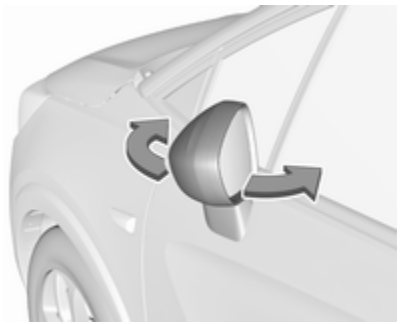
Electric adjustment



Select the relevant exterior mirror by pushing the mirror button to the left or right.

Then swivel the control to adjust the mirror.

Folding mirrors



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

Electric folding

Pull mirror button rearwards. Both exterior mirrors will fold.

Pull mirror button rearwards again to return both exterior mirrors to their original position.

If an electrically folded mirror is manually extended, pulling mirror button rearwards will only electrically extend the other mirror.

Heated mirrors

Operated by pressing REAR.

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

Heated rear window ⇨ 38.

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 is automatically reduced, when driving in the dark.

Windows

Windscreen

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.

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.

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 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

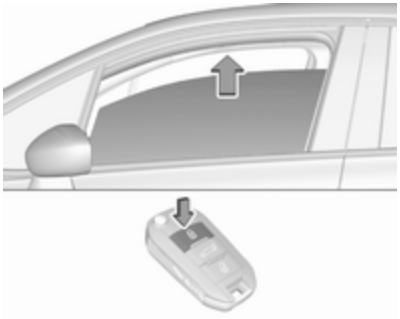
In the event of closing difficulties due to frost or the like, switch on the ignition, then pull the switch to the first detent and hold. The window moves up without safety function enabled. To stop movement, release the switch.

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 close windows.

Release button to stop window movement.

If the windows are fully 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 ⇨ 101.

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 2 seconds.
4. Push switch until the window is completely open and keep pushing for additional 2 seconds.
5. Repeat for each window.

Heated rear window

Operated by pressing REAR together with heated exterior mirrors.

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

Depending on climate control system, REAR is located at a different position.

Climate Control systems ⇨ 119.

Vehicles with heating and ventilation system or air conditioning system

Vehicles with electronic climate control system

Heated windscreen

Operated by pressing . LED in button illuminates.

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

Depending on climate control system, is located at a different position.

Vehicles with electronic climate control system

Vehicles with air conditioning system

Sun visors

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

The covers of the mirrors should be closed when driving.

A ticket holder is located on the backside of the sun visor.

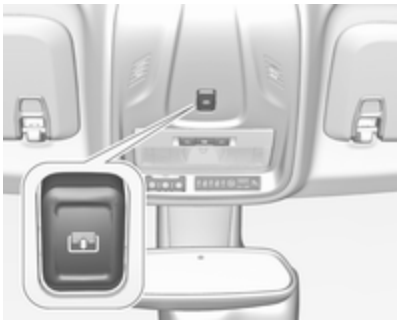
Roof

Glass panel

Do not affix any stickers to the roof. Do not cover the vehicle using a tarpaulin.

Sunblind

The sunblind is electrically operated.



Press ⏏ gently to the first detent at the rear: the sunblind is opened as long as the switch is operated.

Press ⏏ firmly to the second detent and then release at the rear: the sunblind is opened as long as the switch is operated.

Press ⏏ gently to the first detent at the front: the sunblind is closed as long as the switch is operated.

Press ⏏ firmly to the second detent and then release at the front: the sunblind is closed as long as the switch is operated.

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 ⇨ 132.

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 ⊟ twice gently to the first detent at the rear, the sunblind opens slightly.
3. Immediately press ⊟ twice gently to the first detent at the front, the sunblind closes slightly.

   After step 3 the sunblind is in initialising mode without safety function.
4. Press ⊟ gently to the first detent at the rear until the sunblind is completely opened.
5. Press ⊟ gently to the first detent at the front until the sunblind is completely closed.

After this procedure, the sunblind is initialised with safety function activated.

When ⊟ is pressed firmly to the second detent during initialising, the procedure is cancelled.

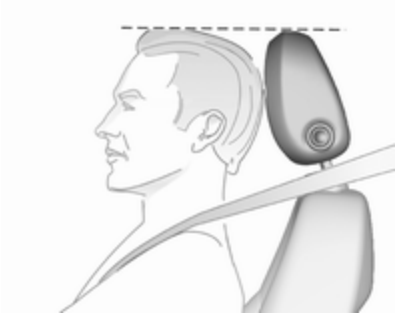
Seats, restraints

Head restraints

Position

⚠Warning

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



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.

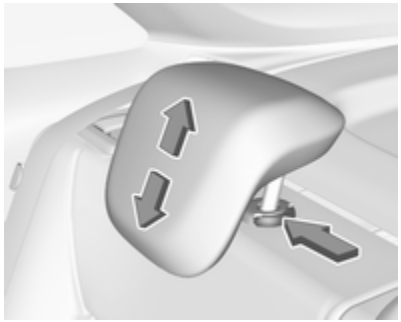
Head restraints on front seats

Height adjustment

Press release button, adjust height, engage.

Head restraints on rear seats

Height adjustment



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

Front seats

Seat position

⚠Warning

Only drive with the seat correctly adjusted.

⚠Danger

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

⚠Warning

Never adjust seats while driving as they could move uncontrollably.

- Sit with buttocks as far back against the backrest as possible. Adjust the distance between the seat and the pedals so that legs are slightly angled when fully pressing the pedals. Slide the front passenger seat as far back as possible.
- Set seat height high enough to have a clear field of vision on all sides and of all display instruments. There should be at least one hand of clearance between head and the roof frame. Your thighs should rest lightly on the seat without pressing into it.

- Sit with shoulders as far back against the backrest as possible. Set the backrest rake so that it is possible to easily reach the steering wheel with arms slightly bent. Maintain contact between shoulders and the backrest when turning the steering wheel. Do not angle the backrest too far back. We recommend a maximum rake of approx. 25°.
- Adjust seat and steering wheel in a way that the wrist rests on top of the steering wheel while the arm is fully extended and shoulders on the backrest.
- Adjust the steering wheel ⇨ 73.
- Adjust the head restraint ⇨ 42.
- 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.

Seat adjustment

Drive only with engaged seats and backrests.

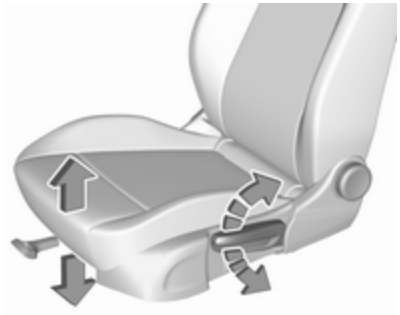
Longitudinal adjustment

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

Backrest inclination

Turn handwheel. Do not lean on backrest when adjusting.

Seat height



Lever pumping motion

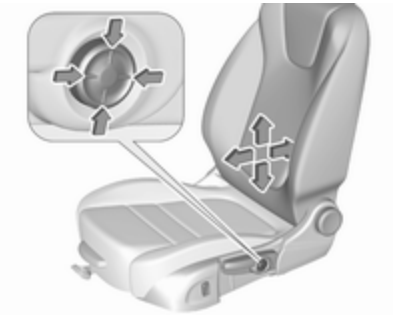
up : seat higher
down : seat lower

Seat inclination

Press switch

top : front end higher
bottom : 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.

Armrest

Armrest can be folded up.

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.

During an Autostop, seat heating is also operational.

Stop-start system ⇨ 137.

Rear seats

Longitudinal adjustment

On vehicles with sliding rear seats, both parts of the rear seat can be individually moved forwards or backwards.

⚠Warning

Seat backrests must be completely folded up or down to have the seats engaged in the guide rails.

Only drive with the seats engaged in the guide rails.

Folding backrests ⇨ 64.

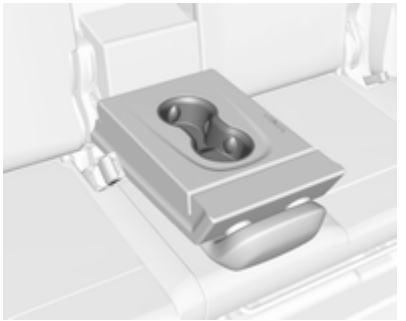
⚠Warning

Never adjust seats while driving as they could move uncontrollably.

Pull handle, slide seat, release handle and allow seat to engage.

The seats can be engaged in intermediate positions.

Armrest



The armrest contains cupholders.

Folding down armrest ⇨ 64.

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.

⚠Warning

Fasten seat belt before each trip.

In the event of an accident, people not wearing seat belts endanger their fellow occupants and themselves.

Seat belts are designed to be used by only one person at a time.

Child restraint system ⇨ 57.

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 by a control indicator for the respective seat in the roof console ⇨ 89.

Belt force limiters

Stress on the body is reduced by the gradual release of the belt during a collision.

Belt pretensioners

In the event of a head-on, rear-end or side-on collision of a certain severity, the front and rear seat belts are tightened. The front seat belts are tightened by two pretensioners per seat. The outer rear seat belts are tightened by one pretensioner per seat.

⚠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 ⇨ 89.

Triggered belt pretensioners must be replaced by a workshop. Belt pretensioners can only be triggered once.

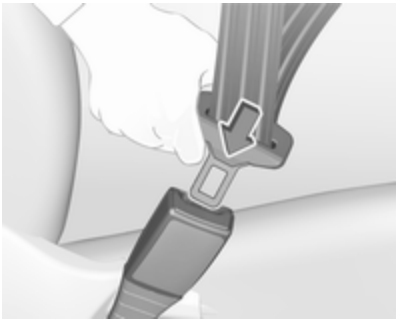
Note
Do not affix or install accessories or other objects that may interfere with the operation of the belt pretensioners. Do not make any

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.

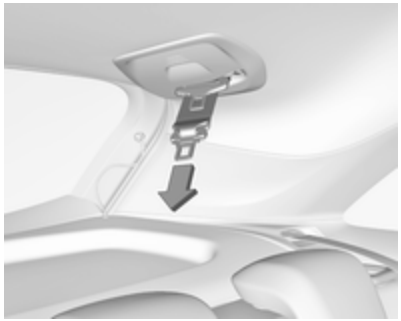
Seat belt reminder ▷ 89.

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.

Insert lower latch plate 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 insert it 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.

Using the seat belt while pregnant

⚠Warning

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

Airbag system

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

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

⚠Warning

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 ⇨ 89.

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 LIVSFARE eller komme ALVORLIGT TIL SKADE.

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

FI: ÄLÄ KOSKAAN sijoita taaksepäin suunnattua lasten turvaistuinta istuimelle, jonka edessä on AKTIIVINEN TURVATYYNY, LAPSI 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 tyłem 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.

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

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

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

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

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

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

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

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

RO: Nu utilizați NICIODATĂ un scaun pentru 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 COPILULUI.

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 vzad na sedadle chránenom AKTÍVNYM AIRBAGOM, pretože môže dôjsť k SMRTI alebo VÁŽNYM ZRANENIAM DIEŤAŤA.

LT: JOKIU BŪDU nemontuokite atgal atgręžtos vaiko tvirtinimo sistemos sėdynėje, prieš kurią 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 priekšā uzstādītu AKTĪVU DROŠĪBAS SPILVENU, jo pretējā gadījumā BĒRNS var gūt SMAGAS TRAUMAS vai IET BOJĀ.

ET: ÄRGE kasutage tahapoole suunatud lapseturvaistet istmel, mille ees on AKTIIVSE TURVAPADJAGA kaitstud iste, sest see võib põhjustada LAPSE SURMA või TÕSISE 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 sábháilteachta 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 ⇨ 60.

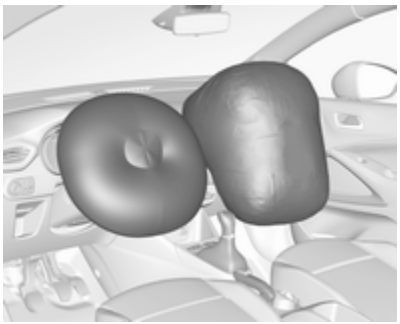
The airbag label is located on both sides of the front passenger sun visor.

Airbag deactivation ⇨ 56.

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.

⚠Warning

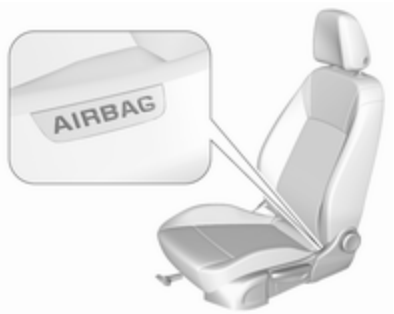
Optimum protection is only provided when the seat is in the proper position.

Seat position ⇨ 43.

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

Fit the seat belt correctly and engage securely. Only then is the airbag able to protect.

Side airbag system



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

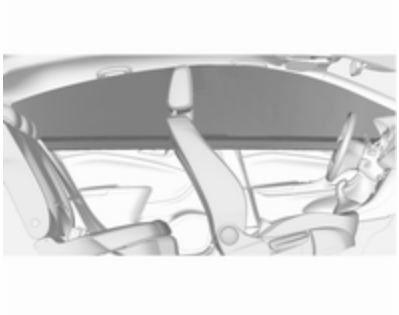
Note

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.

⚠Warning

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

The hooks on the handles in the roof frame are only suitable for hanging up light articles of clothing, without coat hangers. Do not keep any items in these clothes.

Airbag deactivation

The front passenger airbag system must be deactivated for child restraint system on the passenger seat according to the instructions in the table ⇨ 60. 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

ON : front passenger airbag is active

⚠Danger

Deactivate passenger airbag only in combination with the use of a child restraint system, subject to the instructions and restrictions in the table ⇨ 60.

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

If the control indicator **ON** 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 the control indicator **OFF** illuminates after the ignition is switched on, the front passenger airbag system is deactivated. It stays on while the airbag is deactivated.

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.

Consult a workshop immediately if neither of the two control indicators are illuminated.

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

Status remains until the next change.

Control indicator for airbag deactivation ⇨ 89.

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 ⇨ 60.

Airbag deactivation ⇨ 56.

Airbag label ⇨ 51.

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

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 anchor

Three-point seat belt

Child restraint systems can be fastened by using a three-point seat belt. After fastening the child restraint system the seat belt has to be tightened ⇨ 60.

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 ⇨ 60.

ISOFIX brackets are indicated by a label on the backrest.

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 ⇨ 60.

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 ⇨ 60.

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 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 group 0, group 0+
- Duo Plus for group I

- Kidfix XP for group II/III
- Graco Junior for group III

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

	On front passenger seat			
Weight class	**activated airbag**	**deactivated airbag**	**On rear outboard seats**	**On rear centre seat**
Group 0: up to 10 kg	X	U/L[1,2]	U/L[3]	X
Group 0+: up to 13 kg	X	U/L[1,2]	U/L[3]	X
Group I: 9 to 18 kg	X	U/L[1,2]	U/L[3,4]	X
Group II: 15 to 25 kg	U/L[1,2]	X	U/L[3,4]	X
Group III: 22 to 36 kg	U/L[1,2]	X	U/L[3,4]	X

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 inclination as far as necessary to a vertical position to ensure that the belt runs forwards from the upper anchorage point
2 : move seat height adjustment upwards as far as necessary and adjust seat backrest inclination as far as necessary to a vertical position to ensure that the belt is tight on the buckle side
3 : move the respective front seat ahead of the child restraint system forwards and the sliding rear seat backwards 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

Weight class	Size class	Fixture	On front passenger seat		On rear outboard seats	On rear centre seat
			activated airbag	deactivated airbag		
Group 0: up to 10 kg	G	ISO/L2	X	X	X	X
	F	ISO/L1	X	X	X	X
	E	ISO/R1	X	X	IL[1]	X
Group 0+: up to 13 kg	E	ISO/R1	X	X	IL[1]	X
	D	ISO/R2	X	X	IL[1]	X
	C	ISO/R3	X	X	IL[1]	X
Group I: 9 to 18 kg	D	ISO/R2	X	X	IL[1,2]	X
	C	ISO/R3	X	X	IL[1,2]	X
	B	ISO/F2	X	X	IL, IUF[1,2]	X
	B1	ISO/F2X	X	X	IL, IUF[1,2]	X
	A	ISO/F3	X	X	IL, IUF[1,2]	X
Group II: 15 to 25 kg			X	X	IL[1,2]	X
Group III: 22 to 36 kg			X	X	IL[1,2]	X

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 the respective front seat ahead of the child restraint system forwards and the sliding rear seat backwards as far as necessary
2 : adjust the respective headrest as necessary or remove if required

ISOFIX size class and seat device

A – ISO/F3 : forward-facing child restraint system for children of maximum size in the weight class 9 to 18 kg
B – ISO/F2 : forward-facing child restraint system for smaller children in the weight class 9 to 18 kg
B1 – ISO/F2X : forward-facing child restraint system for smaller children in the weight class 9 to 18 kg
C – ISO/R3 : rear-facing child restraint system for children of maximum size in the weight class up to 18 kg
D – ISO/R2 : rear-facing child restraint system for smaller children in the weight class up to 18 kg
E – ISO/R1 : rear-facing child restraint system for young children in the weight class up to 13 kg
F– ISO/L1 : left lateral facing position child restraint system (carry-cot)
G – ISO/L2 : right lateral facing position child restraint system (carry-cot)

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

	On front passenger seat			
	activated airbag	deactivated airbag	On rear outboard seats	On rear centre seat
i-Size child restraint systems	X	X	i - U	X

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

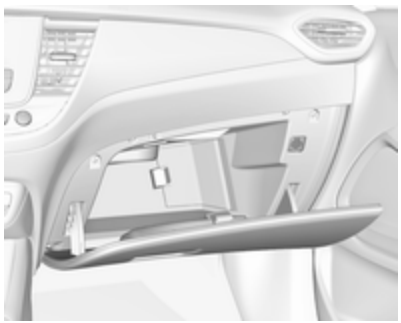
Storage

Storage compartments

⚠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

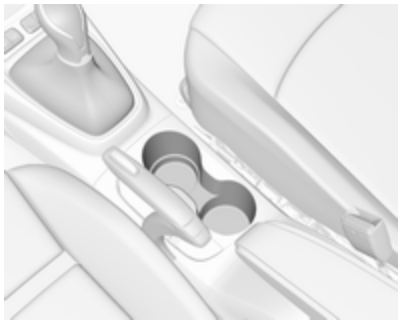


On some versions the glovebox is ventilated. Air ventilation and temperature depend on the settings of the climate control system. The air vent in the glove box can be closed ⇨ 127.

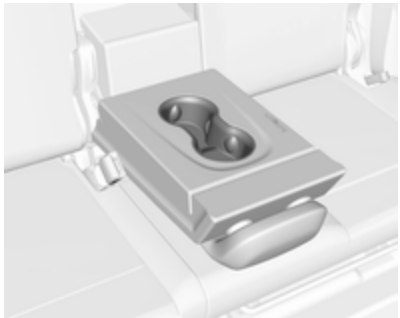
Other versions may have a CD player in the glove box.

The glovebox should be closed whilst driving.

Cupholders



Cupholders are located in the centre console.



Additional cupholders are located in the rear armrest. Fold down armrest.

Centre console storage

The storage container can be used to store small items.

Depending on the version, the storage compartment is located under a cover.

Load compartment

The rear seat backrest is divided in two parts. Both parts can be folded down.

Before folding rear seat backrests, execute the following if necessary:

- Remove the load compartment cover ⇨ 67.
- Press and hold the catch to push the head restraints down ⇨ 42.

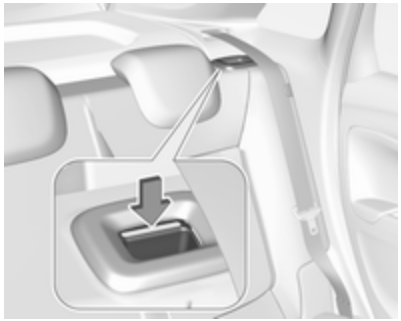
Load compartment extension (version with fixed rear seats)

- Pull the release lever on one or both outer sides and fold down

the backrests onto the seat cushion.

When folding the backrests, insert the seat belts in the guiding latches and pull the seat belts along with them.

- To fold up, raise the backrests and guide them into an upright position until they engage audibly.



The backrests are properly engaged when the red mark near the release lever is no longer visible.

⚠Warning

When folding up, ensure that backrests are securely locked in position before driving. Failure to do so may result in personal injury or damage to the load or vehicle in the event of hard braking or a collision.

Load compartment extension (version with sliding rear seats)

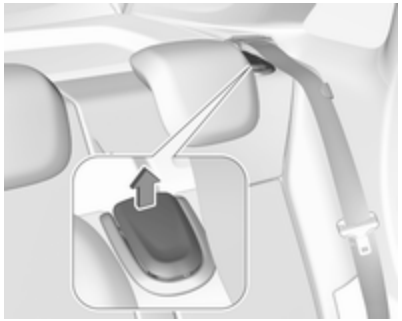
Without folding backrests

Move both rear seats to the most forward position ⇨ 47.

With folding backrests

- Move both rear seats to the most rearward position ⇨ 47.

- Pull the loop and fold down the backrest onto the seat cushion.



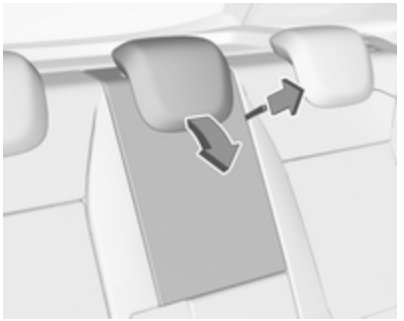
To fold down the backrest from the load compartment, lift the release lever.

Note
Fold up the armrest before folding down the relevant part of the backrest. Otherwise this part of the backrest cannot be folded down.

When folding the backrests, insert the seat belts in the guiding latches and pull the seat belts along with them.

- To fold up, raise the backrests and guide them into an upright position until they engage audibly.

Folding the armrest in the rear centre backrest



Pull the loop to fold down the rear armrest.

The armrest can also be folded down from the rear by pulling the loop.

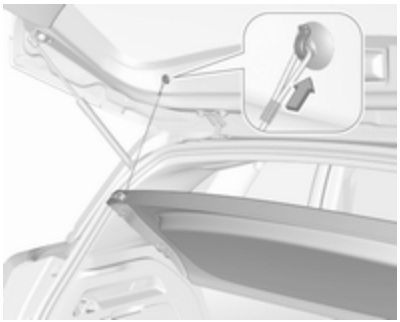
Suitable for loading long, narrow objects.

Ensure that the armrest engages after folding up.

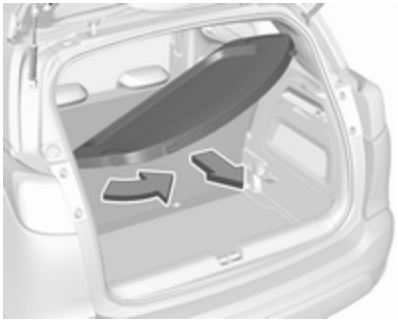
Load compartment cover

Do not place any objects on the cover.

Removing cover



Unhook retaining straps from tailgate.



Lift cover, slightly angle and turn it.

Remove the cover.

Stowing

The load compartment cover can be stored behind the rear seat backrests.

Unhook retaining straps and lift the cover backwards until it unlatches. Then slide it down in the guides behind the seat backrests.

Fitting cover

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

Rear floor storage cover

The rear floor cover can be removed. Raise cover at the recess and remove.

The cover can also be stored behind the rear seats.

Double load floor

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

- lower position above the spare wheel well cover
- upper position interlocked with the grab handle into back panel trim

To remove, press the handle to unlock the load floor and lift it up while using the handle.

If mounted in the upper position, the space between the load floor and the spare wheel well cover can be used as a storage compartment.

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

In the upper position, the double load floor is able to withstand a maximum load of 100 kg. In the lower position, the double load floor is able to withstand the maximum permissible load.

Lashing eyes

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

Warning triangle

Stow the warning triangle in the space at the rear of the load compartment and secure it with the Velcro® fastener.

First aid kit

Fold down the cover on the left side of the load compartment.

Stow the first aid kit in the stowage compartment.

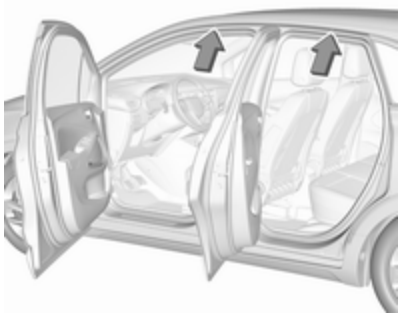
Roof rack system

Roof rack

For safety reasons and to avoid damage to the roof, the vehicle-approved roof rack system is recommended.

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

Mounting roof rack



Open all doors.

Mounting points are located in each door frame of the vehicle body.

Detach the cover from each mounting point and fasten the roof rack with the attached screws.

Loading information

- Heavy objects in the load compartment should be placed against the seat backrests. Make sure that the backrests are securely engaged, i.e. no longer showing the red marks on the side near the release lever or on the loop. If objects can be stacked, heavier objects should be placed at the bottom.
- Prevent sliding of loose objects by securing them with straps attached to the lashing eyes ⇨ 68.

- Do not allow the load to protrude above the upper edge of the backrests.
- Do not place any objects on the load compartment cover or the instrument panel, and do not cover the sensor on top of the instrument panel.
- The load must not obstruct the operation of the pedals, parking brake and gear selector, 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 ⇨ 233) 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 60 kg. The roof load is the combined weight of the roof rack and the load.

Instruments and controls

Controls

Steering wheel adjustment

Unlock lever, adjust steering wheel, then engage lever and ensure it is fully locked.

Do not adjust steering wheel unless vehicle is stationary and steering wheel lock has been released.

Steering wheel controls

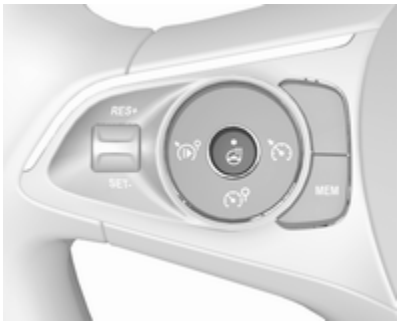
Cruise control and speed limiter are operated via the controls on the left side of the steering wheel.

Infotainment system can be operated via the controls on the right side of the steering wheel.

Driver assistance systems ⇨ 151.

Further information is available in the Infotainment manual.

Heated steering wheel



Activate heating by pressing ♨. Activation is indicated by the LED in the button.

The 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 ⇨ 137.

Horn

Press .

Windscreen wiper and washer

Windscreen wiper with adjustable wiper interval

HI : fast
LO : slow
INT : interval wiping
OFF : off

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

Do not use if the windscreen is frozen.

Switch off in car washes.

To activate interval wiping mode the next time ignition is switched on, press the lever downwards to position **OFF** and back to **INT**.

Adjustable wiper interval

Wiper lever in position **INT**.

Turn the adjuster wheel to adjust the wiping frequency.

Windscreen wiper with rain sensor

HI : fast
LO : slow
AUTO : automatic wiping with rain sensor
OFF : off

In **AUTO** position, the rain sensor detects the amount of water on the windscreen and automatically regulates the frequency of the windscreen wiper. If ignition is switched off, automatic wiping mode is deactivated. To activate automatic wiping mode the next time ignition is switched on, press the lever downwards to position **OFF** and back to **AUTO**.

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

Do not use if the windscreen is frozen.

Switch off in car washes.

Adjustable sensitivity of the rain sensor

Wiper lever in position **AUTO**.

Turn the adjuster wheel to adjust the sensitivity of the rain sensor.

Keep the sensor free from dust, dirt and ice.

Control indicator ⇨ 74.

Windscreen washer

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

Washer fluid ⇨ 191.

Rear window wiper and washer

Rear window wiper

Turn outer cap to activate the rear window wiper:

OFF : off
INT : intermittent operation
ON : continuous operation

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 Vehicle personalisation menu ⇨ 102.

Rear window washer

Push lever.

Washer fluid is sprayed onto the rear window and the wiper wipes a few times.

The rear window washer system is deactivated when the fluid level is low.

Washer fluid ⇨ 191.

Outside temperature

A drop in temperature is indicated immediately and a rise in temperature after a time delay.

Illustration shows an example.

If outside temperature drops to 3 °C, a warning message is displayed in the Driver Information Centre.

⚠ Warning

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

Clock

Date and time are shown in the Info Display ⇨ 97.

Setting date and time, see Infotainment manual.

Power outlets

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

Another power outlet is located in the console between the front seats.

Do not exceed the maximum power consumption of 120 W.

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

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

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

Do not damage the outlets by using unsuitable plugs.

Stop-start system ⇨ 137.

USB charging port

One or two USB ports are located in the centre console. Both USB ports are prepared for charging devices.

When two USB ports are available, the upper USB port can be used to connect a phone for phone projection.

Note
The sockets must always be kept clean and dry.

Inductive charging

⚠Warning

Inductive charging can affect the operation of implanted pacemakers or other medical devices. If applicable, seek medical advice before using the inductive charging device.

⚠Warning

Remove any metal objects from the charging device before charging a mobile device, as these objects could become very hot.

To charge a device, the ignition must be switched on.

LED status on the charging device (see arrow):

- Illuminates green:

  - mobile device with inductive charging functionality was recognised.

- Illuminates yellow:

  - metall objects have been detected in the charging area. Remove objects to allow charging.

  - mobile device was not placed properly.

PMA or Qi compatible mobile devices can be charged inductively.

A back cover with an integrated coil (e.g. Samsung 4 and 5) or a jacket (e.g. some iPhone models) may be required to charge a mobile device.

The mobile device must be smaller than 8 cm in width and 15 cm in length to fit into the charging device.

Protective cover for the mobile device could have impact on the inductive charging.

To charge a mobile device:

1. Remove all objects from the charging device.
2. Place the mobile device with the display facing upwards on the charging device.
3. Ensure that the mobile device is located at the right bottom corner of the charging device.

In the case that the yellow LED illuminates:

1. Remove the mobile device from the charging device.
2. Rotate the mobile device by 180°.

3. Wait 3 seconds after the LED has extinguished and place the mobile device on the charging device again.
4. Ensure that the mobile device is located at the right bottom corner of the charging device.

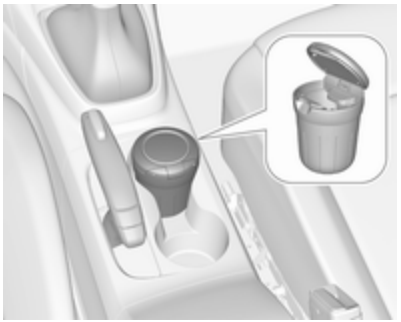
Cigarette lighter

The cigarette lighter is located is located behind the storage cover below the climate controls. Press cover to open.

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.



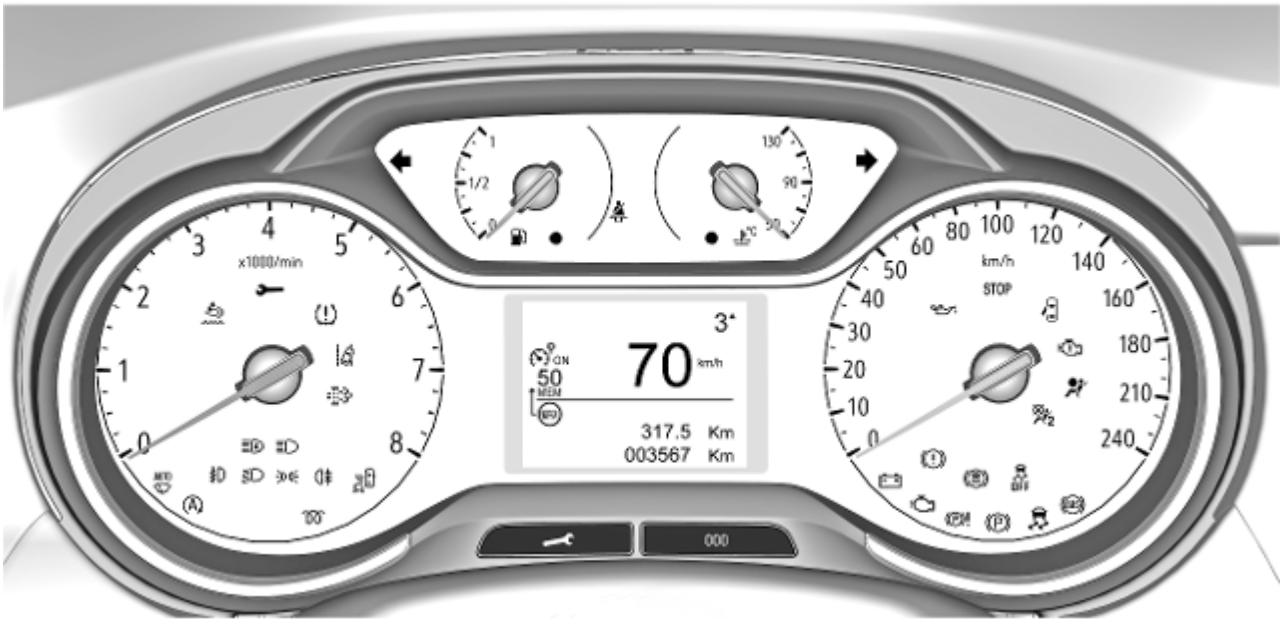
A portable ashtray can be placed in the cupholders.

Warning lights, gauges and indicators

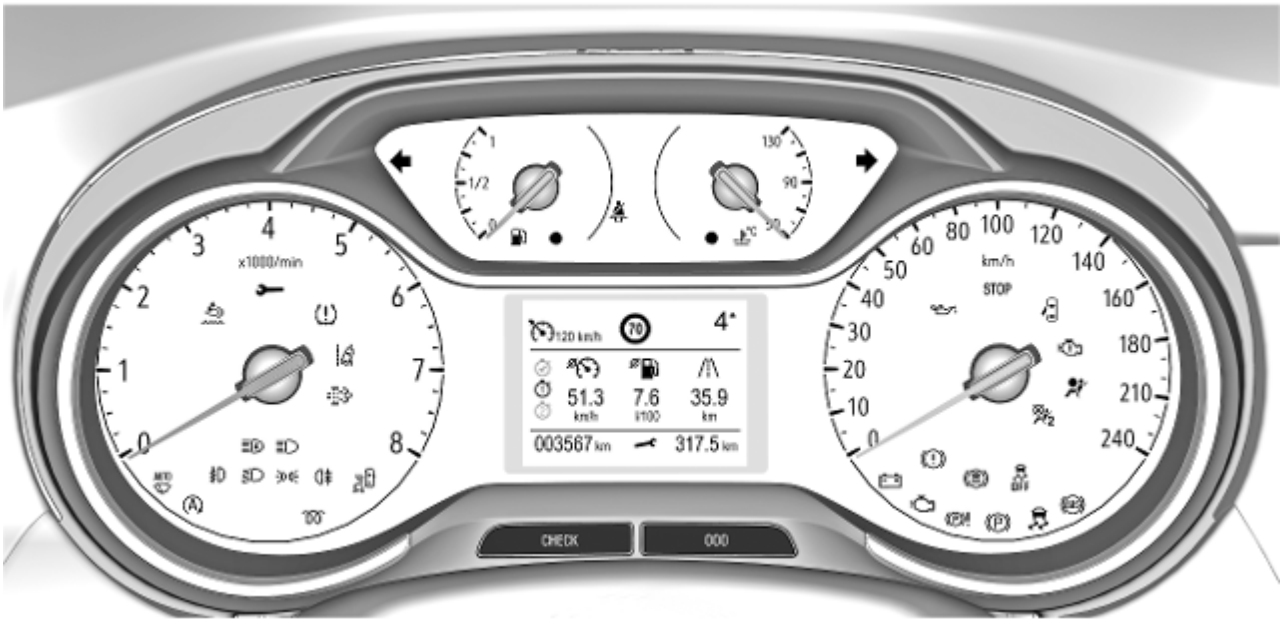
Instrument cluster

Depending on the version, two instrument clusters are available:

Baselevel instrument cluster



Midlevel instrument cluster



Overview

- Turn lights ⇨ 88
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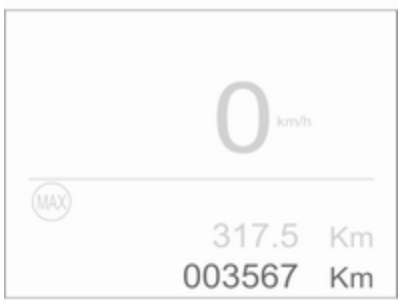
- Side blind spot alert ⇨ 94
- Active emergency braking ⇨ 94
- Speed limiter ⇨ 94
- Door open ⇨ 94

Speedometer

Indicates vehicle speed.

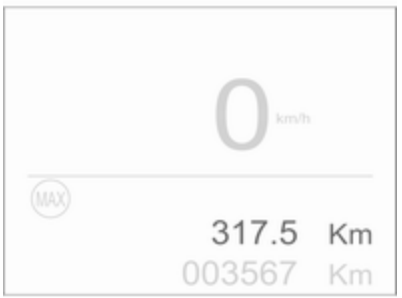
Odometer



The total recorded distance is displayed in km.

Trip odometer

The recorded distance since the last reset is displayed in the Driver Information Centre.



Trip odometer counts up to 9,999 km and then restarts at 0.

Press **000** for 2 seconds to reset trip odometer.

Two trip odometer pages are selectable in the trip/fuel information menu for different trips ⇨ 95.

Tachometer

Displays the engine speed.

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

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

Fuel gauge

Displays the fuel level in the tank.

Control indicator ● illuminates if the level in the tank is low.

Never run the fuel tank dry.

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

Fuel selector

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 approx. 60 seconds (depending on exterior temperature) and the first firm press on the accelerator. The LED status shows the current operating mode when egnine is running.

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

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, a warning message is displayed in the Driver Information Centre and the LED in the button flashes rapidly. Petrol operation is automatically engaged.

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 whether there is enough liquid gas or 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.

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 ⇨ 179.

Engine coolant temperature gauge

Displays the coolant temperature.

50 : engine operating temperature not yet reached
90 : normal operating temperature
130 : temperature too high

Control indicator ● illuminates if engine coolant temperature is too high.

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

Engine oil level monitor

The state of the engine oil level is displayed in the Driver Information Centre for a few seconds following the service information after switching on the ignition.

A proper state of oil level is indicated by the message **Oil level correct**.

If oil level is low, flashes and **Oil level incorrect** is indicated, accompanied by the indicator. Confirm oil level by using the oil dipstick and top up engine oil respectively.

Engine oil ⇨ 190.

A fault of measurement is indicated by the message **Oil level measurement invalid**. Check oil level manually by using the dipstick.

Service display

The service system informs when to change the engine oil and filter or a vehicle service is required. Based on driving conditions, the interval at which an engine oil and filter change is required can vary considerably.

Service information ⇨ 228.

A required service due is displayed in the Driver Information Centre for 7 seconds after switching on the ignition.

If no service is required for the next 3000 km or more no service information appears in the display.

If service is required within the next 3000 km, the remaining distance or time duration is indicated for several seconds. Simultaneously symbol lights up permanently as reminder.

If service is required in less than 1000 km, flashes and then lights up permanently. Remaining distance or time duration is indicated for several seconds.

Overdued service is indicated by a message in the Driver Information Centre which indicates the overdued distance. flashes and then lights up permanently until service is executed.

Reset of service interval

After each service, the service indicator must be reset to ensure proper functionality. It is recommended to seek the assistance of a workshop.

If service is executed by yourself, operate as following:

- switch off ignition
- press and hold button or **CHECK**
- switch on ignition, the distance indication begins a countdown
- when the display indicates **=0**, release the button

The symbol disappears.

Retrieving service information

To retrieve the status of the service information at any time press button . The service information is displayed for a few seconds.

Depending on version, press button **CHECK** to retrieve the status of the service information.

Service information ⇨ 228.

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

See all control indicators on different instrument clusters ⇨ 80.

Turn lights

⇦⇨ illuminates or flashes green.

Illuminates briefly

The parking lights are switched on.

Flashes

A turn light or the hazard warning flashers are activated.

Rapid flashing: failure of a turn light or associated fuse, failure of turn light on trailer.

Bulb replacement ⇨ 194.

Fuses ⇨ 202.

Turn lights ⇨ 114.

Seat belt reminder

Seat belt reminder on all seats

illuminates or flashes red in the instrument cluster together with the indication in the roof console for each seat belt.

- When the ignition is switched on, in the instrument cluster and the symbol for the respective seat in the roof console comes on, if the seat belt of any occupied seat has not been fastened.
- After driving off, in the instrument cluster and the symbol for the respective seat in the roof console flashes for a certain time together with a chime. After a certain time of driving illuminates constantly until the seat belt of the respective seat has been fastened or if any passenger has unfastened the seat belt.

Seat belts ⇨ 48.

Airbag and belt tensioners

illuminates red.

When the ignition is switched on, the control indicator illuminates for approx. 4 seconds. If it does not illuminate, does not go out after 4 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 .

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

Belt pretensioners ⇨ 48.

Airbag system ⇨ 51.

Airbag deactivation

ON illuminates yellow.

The front passenger airbag is activated.

OFF illuminates yellow.

The front passenger airbag is deactivated.

Airbag deactivation ⇨ 56.

Charging system

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

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

The engine management system has a fault that could lead to catalytic converter damage. Ease up on the accelerator until the flashing stops. Seek the assistance of a workshop immediately.

Service vehicle soon

illuminates yellow.

Illuminates briefly when the ignition is switched on.

May illuminate together with other control indicators and a corresponding message in the Driver Information Centre.

Seek the assistance of a workshop immediately.

Stop engine

STOP illuminates red.

Illuminates briefly when the ignition is switched on.

Illuminates together with other control indicators, accompanied by a warning chime and a corresponding message in the Driver Information Centre.

Stop engine immediately and seek the assistance of a workshop.

System check

illuminates yellow or red.

Illuminates yellow

A minor engine fault has been detected.

Illuminates red

A major engine fault has been detected.

Stop engine as soon as possible and seek the assistance of a workshop.

Brake and clutch system

(!) illuminates red.

The brake and clutch fluid level is too low, when manual parking brake is not applied ⇨ 192.

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

Illuminates when the manual parking brake is applied and ignition is switched on ⇨ 148.

Brake fluid ⇨ 192.

Parking brake

(P) illuminates red.

Illuminates when the manual parking brake is applied and ignition is switched on ⇨ 148.

Antilock brake system (ABS)

(ABS) illuminates yellow.

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

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

Antilock brake system ⇨ 148.

Gear shifting

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

Lane departure warning

flashes yellow when the system recognises an unintended lane change.

Lane departure warning ⇨ 175.

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 and Traction Control system ⇨ 149.

Electronic Stability Control and Traction Control system off

illuminates yellow.

The systems are deactivated.

Engine coolant temperature

● illuminates red.

Illuminates when the engine is running

Stop, switch off engine.

Caution
Coolant temperature too high.

Check coolant level immediately ⇨ 191.

If there is sufficient coolant, consult a workshop.

Preheating

illuminates yellow.

Preheating of diesel engine is activated. Only activates when outside temperature is low. Start the engine when control indicator extinguishes.

Starting the engine ⇨ 135.

Exhaust filter

or illuminates yellow.

The exhaust filter requires cleaning.

Continue driving until the control indicator extinguishes.

Illuminates temporarily

Start of saturation of the exhaust filter. Start cleaning process as soon as possible by driving at a vehicle speed of at least 60 km/h.

Illuminates constantly

Indication of a low additive level. Seek the assistance of a workshop.

Exhaust filter ⇨ 140.

AdBlue

flashes or illuminates yellow.

Illuminates yellow

The remaining driving range is between 600 km and 2400 km.

Flashes yellow

The remaining driving range is between 0 and 600 km.

AdBlue level is low. Refill AdBlue soon to avoid prevention of the engine start. Up to 10 l of AdBlue can be added.

AdBlue ⇨ 141.

Deflation detection system

(!) illuminates or flashes yellow.

Illuminates

Tyre pressure loss in one or more wheels. Stop immediately and check tyre pressure.

Flashes

Fault in system. Consult a workshop.

Deflation detection system ⇨ 209.

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.
3. Move out of the flow of traffic as quickly as possible without impeding other vehicles.
4. Switch off ignition.

⚠Warning
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.

Keep engine turned off and let the vehicle be towed to a workshop ⇨ 190.

Low fuel

● illuminates yellow.

Level in fuel tank is too low.

Refuelling ⇨ 179.

Bleeding the diesel fuel system ⇨ 193.

Autostop

Ⓐ illuminates or flashes green.

Illuminates green

Engine is in an Autostop.

Flashes green

Autostop is temporarily unavailable, or Autostop mode is invoked automatically.

Stop-start system ⇨ 137.

Exterior light

illuminates green.

The exterior lights are on ⇨ 110.

Low beam

illuminates green.

Illuminated when low beam is on.

High beam

illuminates blue.

Illuminated when high beam is on or during headlight flash ⇨ 111.

High beam assist

illuminates green.

The high beam assist is activated, see Adaptive forward lighting ⇨ 112.

Front fog lights

illuminates green.

The front fog lights are on ⇨ 114.

Rear fog light

illuminates yellow.

The rear fog light is on ⇨ 115.

Rain sensor

illuminates green.

Illuminated when rain sensor position on wiper stalk is selected.

Windscreen wiper and washer ⇨ 74.

Cruise control

illuminates in the Driver Information Centre.

Cruise control ⇨ 151.

Side blind spot alert

illuminates green.

The system is active ⇨ 169.

Active emergency braking

illuminates or flashes yellow.

Illuminates

The system has been deactivated or a fault has been detected.

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

Check the reason of the deactivation ⇨ 157 and in case of a system fault, seek the assistance of a workshop.

Flashes

The system is actively engaged.

Depending on the situation, the vehicle may automatically brake moderately or hard.

Forward collision alert ⇨ 156.

Front pedestrian protection ⇨ 160.

Speed limiter

illuminates in the Driver Information Centre.

Speed limiter ⇨ 153.

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.

Depending on the version and the instrument cluster, the Driver Information Centre is available as Baselevel or Midlevel display.

Driver Information Centre indicates:

- overall and trip odometer
- digital speed indication
- trip / fuel information menu
- gear shift indication
- service information
- vehicle and warning messages
- driver assistance messages
- pop-up messages
- AdBlue information

Selecting menus and functions

The menus and functions can be selected via the buttons on the left steering wheel stalk.

Turn the adjuster wheel to select a page in the trip / fuel information menu.

Press **SET/CLR** to confirm or reset a function.

Vehicle and service messages are popped up in the Driver Information Centre if required. Scroll messages by turning the adjuster wheel. Confirm messages by pressing **SET/CLR**.

Additionally, some menus can be selected via the ⚙ or the **CHECK** button.

Press ⚙ or **CHECK** to switch between the respective menus.

Vehicle messages ⇨ 101.

Trip / fuel information menu, Baselevel display

Turn the adjuster wheel to select a page:

Trip odometer
The recorded distance since the reset.

Press **000** for 2 seconds to reset trip odometer.

Average fuel consumption
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.

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

To reset, press **SET/CLR** for a few seconds.

Fuel range
Range is calculated from current fuel level and current consumption. The display shows average values.

After refuelling, the range is updated automatically after a brief delay.

When the level in the fuel tank is low, a message appears on the display and the control indicator ● in the fuel gauge illuminates ⇨ 93.

Instantaneous Fuel Consumption
Display of the instantaneous consumption.

Digital speed
Digital display of the instantaneous speed.

Trip / fuel information menu, Midlevel display

Differerent pages with combined information can be selected.

Turn the adjuster wheel to select a page.

Information page:
Fuel range

Range is calculated from current fuel level and current consumption. The display shows average values.

After refuelling, the range is updated automatically after a brief delay.

When the level in the fuel tank is low, a message appears on the display and the control indicator ● in the fuel gauge illuminates ⇨ 93.

Instantaneous Fuel Consumption

Display of the instantaneous consumption.

Trip 1 page:
Average speed

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

Average fuel consumption

Display of average consumption. The measurement can be reset at any time and starts with a default value.

Distance travelled

Displays the current distance for trip 1 since the reset.

The values of trip 1 page can be reset by pressing **SET/CLR** for a few seconds.

Trip 2 page:
Average speed

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

Average fuel consumption

Display of average consumption. The measurement can be reset at any time and starts with a default value.

Distance travelled

Displays the current distance for trip 2 since a certain reset.

The values of trip 2 page can be reset by pressing **SET/CLR** for a few seconds.

Digital speed page
Digital display of the instantaneous speed.

Stop and Start time counter
A time counter calculates the time spent in STOP mode during a journey. It resets to zero every time the ignition is switched on.

Compass page
Displays the geographic direction of driving.

Blank page
No trip/fuel information is displayed.

AdBlue

Press or **CHECK** repeatedly until the AdBlue menu is shown.

AdBlue range
Indicates an estimate of the AdBlue level. A message indicates whether the level is sufficient or low.

⇨ 141.

Info Display

The Info Display is located in the instrument panel near the instrument cluster.

Depending on the vehicle configuration the vehicle has a

- **Graphic Info Display**

  or
- **7" Colour Info Display** with touchscreen functionality

  or
- **8" Colour Info Display** with touchscreen functionality

The Info Displays can indicate:

- time ⇨ 77
- outside temperature ⇨ 76
- date ⇨ 77
- Infotainment system, see description in the Infotainment manual
- indication of rear view camera ⇨ 173
- indication of panoramic view system ⇨ 171
- indication of parking assist instructions ⇨ 161
- navigation, see description in the Infotainment manual
- vehicle and system messages ⇨ 101
- settings for vehicle personalisation ⇨ 102

Graphic Info Display

Press ⏻ to switch on the display.

Press **MENU** to select main menu page.

Press ◅ △ ▽ ▻ to select a menu page.

Press **OK** to confirm a selection.

Press **BACK** to exit a menu without changing a setting.

7" Colour Info Display

Selecting menus and settings

Menus and settings are accessed via the display.

Press ⏻ to switch on the display.

Press ⌂ to display the homepage.

Touch required menu display icon with the finger.

Touch a respective icon to confirm a selection.

Touch ⮌ to return to the next higher menu level.

Press ⌂ to return to the homepage.

For further information, see Infotainment manual.

Vehicle personalisation ⇨ 102.

8" Colour Info Display

Selecting menus and settings

There are three options to operate the display:

- via buttons below the display
- by touching the touchscreen with the finger
- via speech recognition

Button and touch operation

Press ⏻ to switch on the display.

Press **SET** to select system settings (units, language, time and date).

Press 🚘 to select vehicle settings or driving functions.

Touch required menu display icon or a function with the finger.

Confirm a required function or selection by touching.

Touch ← on the display to exit a menu without changing a setting.

For further information, see Infotainment manual.

Speech recognition

Description see Infotainment manual.

Vehicle personalisation ⇨ 102.

Head-up display

The Head-up display displays driver information concerning the instrument cluster onto a foldable projection plane on the driver's side.

The information appears as an image projected from a lense in the instrument panel onto the projection plane directly ahead in driver's view. The image appears focused out toward the front of the vehicle.

Head-up display views:

- vehicle speed
- speed limits by the traffic sign recognition
- set speed of speed limiter
- set speed of cruise control
- navigation information.

Adjust position of Head-up display image

1. Adjust the driver's seat.
2. Start the engine.
3. Press ∆ or ∇ to centre the image. It can only be adjusted up and down, not side to side.

⚠Warning

If the head-up display image is too bright or too high in your field of view, it may obstruct your view when it is dark outside. Be sure to keep the head-up display image dim and placed low in your field of view.

Adjust brightness

The Head-up display image will automatically dim and brighten to compensate for outside lighting. Brightness can also be adjusted manually as needed:

Press ☼ to brighten the display. Press ☾ to dim the display.

The image can temporarily light up depending on angel and position of sunlight.

Switching off

Press ☾ and hold to turn the Head-up display off.

Language

Preferred language can be set in vehicle personalisation menu ⇨ 102.

Units

Units can be changed in vehicle personalisation menu ⇨ 102.

Care of Head-up display

Clean the screen of the Head-up display with a soft cloth sprayed with glass cleaner. Wipe the lens gently, then dry it.

System limitations

Head-up display may not operate properly when:

- The lens in the instrument panel is covered by objects or not clean.
- Display brightness is too dim or bright.
- Image is not adjusted to the proper height.
- The driver wears polarized sunglasses.

If the head-up image is not correct for other reasons, contact a workshop.

Vehicle messages

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

Press **SET/CLR** to confirm a message.

Vehicle and service messages

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

Messages in the Colour Info Display

Some important messages may 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 not fastened seat belts has priority over any other warning chime.

- If a 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 cruise control deactivates automatically.
- If a programmed speed or speed limit is exceeded.
- If a warning message appears in the Driver Information Centre.
- If the electronic key is not in the passenger compartment.
- If the parking assist detects an object.
- If an unintended lane change occurs.
- 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.

When the vehicle is being driven, the load reduction function temporarily deactivates certain functions, such as the air conditioning, the heated rear screen, heated steering wheel, etc.

The deactivated functions are reactivated automatically as soon as conditions permit.

Vehicle personalisation

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

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.

Graphic Info Display

Press **MENU** to open the menu page.

Use four-way button to operate the display:

Select **Personalisation-configuration** ➧ **OK**.

Unit settings

Select **Display configuration** ➧ **OK**.

Select **Choise of units** ➧ **OK**.

Select desired settings ➧ **OK**.

Language settings

Select **Display configuration** ➧ **OK**.

Select **Choise of language** ➧ **OK**.

Select desired language ➧ **OK**.

Vehicle settings

Select **Define vehicle parameters** ➧ **OK**.

In the corresponding submenus the following settings can be changed:

- **Lighting**.

  Follow me home headlamps: Activation and setting duration time.

  Welcome lighting: Activation and setting duration time.

- **Comfort**

  Ambient lighting: Activation / Deactivation.

Rear wiper in reverse gear: Activation / Deactivation.

- **Vehicle**

  Unlocking boot only: Activation / Deactivation.

  Plip action: Driver / all doors.

- **Driving assistance**

  Fatigue Detection system: Activation / Deactivation.

  Speed recommendation: Activation / Deactivation.

7" Colour Info Display

Press ⌂ to open homepage.

Use touch buttons to operate the display:

Select **Settings**.

Unit settings

Select **Units**

Change units for **Consumption and Distance** and **Temperature**.

Touch ⮌ repeatedly to return to the homepage.

Language settings

Select **Language**.

Change language by touching the respective entry.

Touch ⮌ repeatedly to return to the homepage.

Vehicle settings

Select **Vehicle**.

In the corresponding submenus the following settings can be changed:

- **Collision / Detection Systems**

  Side Blind Spot Alert: Activates or deactivates side blind spot alert.

  Drowsy Driver Alert : Activates or deactivates the driver drowsiness system.

  Speed Limit Information: Activates or deactivates the speed limit information by traffic sign recognition.

  Rear View Camera Guidelines: Activates or deactivates the rear view camera guidelines on the Info Display.

- **Comfort and Convenience**

  Auto Wipe in Reverse Gear: Activates or deactivates automatic switching on of the rear window wiper when reverse gear is engaged.

- **Lighting**

  Ambient Lighting: Activates or deactivates the ambient lighting and adjusts its brightness.

  Welcome Lighting: Activates or deactivates and changes the duration of welcome lighting.

Exit Lighting: Activates or deactivates and changes the duration of exit lighting.

- **Remote Lock, Unlock, Start**

  Remote Door Unlock: Changes the configuration to unlock the driver's door only or all doors when pressing on the remote control.

  Unlock boot only: Activates or deactivates unlocking the tailgate only when pressing on the remote control.

Touch repeatedly to return to the homepage.

8" Colour Info Display

Press **SET** to open settings menu.

Use touch buttons to operate the display.

Unit settings

Select **System settings**.

Change units for **Consumption and Distance** and **Temperature**.

Confirm with ✓.

Touch ← repeatedly to exit the menu.

Language settings

Select **Languages**.

Change language by touching the respective entry.

Confirm with ✓.

Touch ← repeatedly to exit the menu.

Vehicle settings

Press .

Select **Vehicle settings**.

In the corresponding submenus the following settings can be changed:

- **Headlights**

  Welcome lighting: Activates or deactivates the function and adjusts its duration.

Guide-me-home lighting: Activates or deactivates the function and adjusts its duration.

- **Comfort**

  Mood lighting: Adjusts the brightness of the ambient lighting.

  Rear wiper in reverse: Activates or deactivates automatic switching on of the rear window wiper when reverse gear is engaged.

- **Vehicle access**

  Door unlock: boot only: Activates or deactivates unlocking only the tailgate when pressing on the remote control.

  Door unlock: driver only: Changes the configuration to unlock only the driver's door and fuel filler flap or all doors, load compartment and fuel filler flap when pressing on the remote control.

- **Safety**

  Driver attention warning: Activates or deactivates the driver drowsiness system.

Driving functions

Press .

Select **Driving functions**.

In the corresponding submenus the following settings can be changed:

- **Park Assist**: Activates advanced park assist, a parking maneuver can be selected.
- **Blind Spot Sensors**: Activates or deactivates side blind spot alert.
- **Panoramic view system**: Activation / deactivation of the function.

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, ignition on, mobile service and GPS satellite link.

Note
During an Autostop, OnStar works with limited functionality.

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

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 ⊘ until a message is heard to activate or deactivate the transmission of the vehicle location.

Press ⊘ to answer a call or to end a call to an advisor.

Press ⊘ to access the Wi-Fi settings.

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

SOS button
Press SOS 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, a flat tyre and empty fuel tank, press ⓞ to establish a connection to an advisor.

Emergency services

In the case of an emergency situation, press SOS 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.

Note
Establishing an emergency call may not be possible in areas without sufficient network availability or due to hardware damage during an accident.

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 ⚙ 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 ⓞ and talk to an advisor or log in to your account.

To switch off the Wi-Fi hotspot functionality, press ⓞ 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.
- 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.

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

Exterior lighting

Light switch

Turn light switch:

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

Control indicator ⇨ 93.

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 rain sensor system.

Daytime running light ⇨ 112.

Automatic headlight activation

During poor lighting conditions headlights are switched on.

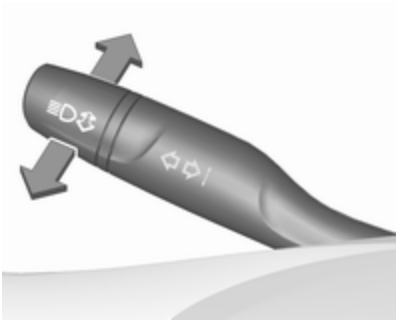
Additionally, headlights are switched on if the windscreen wipers have been activated for several wipes.

Adaptive forward lighting ⇨ 112.

Tunnel detection

When a tunnel is entered headlights are switched on immediately.

High beam



Push stalk to switch from low to high beam.

Pull stalk to deactivate high beam.

High beam assist ⇨ 112.

Headlight flash

To activate the headlight flash, pull stalk.

Pulling stalk deactivates high beam.

Headlight range adjustment

Manual headlight range adjustment

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

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

Headlights when driving abroad

When driving in countries where traffic drives on the opposite side of the road, the headlights do not have to be adjusted.

Daytime running lights

Daytime running lights increases visibility of the vehicle during daylight.

They are switched on automatically during daytime when engine is running.

The system switches between daytime running lights and low beam automatically, depending on the lighting conditions.

Adaptive forward lighting

The Adaptive forward lighting functions are only available with LED headlights.

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

Operation is the same as for halogen headlights.

Adaptive forward lighting functions are active automatically with light switch in position **AUTO**. Adaptive forward lighting includes following functions:

- cornering lights
- high beam assist
- automatic headlight levelling

Cornering light

When turning off, depending on the steering angle and the turn light, particular LEDs are triggered which illuminate the direction of travel. It is activated up to a speed of 40 km/h.

High beam assist

This feature automatically activates the high beam at night when vehicle speed is faster than 25 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 15 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

Activate this function by pressing the button on the stalk. The LED of the button illuminates if the high beam assist is activated. The high beam is switched on automatically at a speed above 25 km/h.

The green control indicator illuminates continuously when the assist is activated, the blue one illuminates when high beam is on.

Control indicator ⇨ 94.

Deactivation

Deactivate this function pressing a button on the stalk.

If a headlight flash is activated when the high beam assist is activated and low beam is on, the high beam assist will be deactivated. The system changes to high beam.

If a headlight flash is activated when the high beam assist is activated and high beam is on, the high beam assist will be deactivated. The system changes to low beam.

To reactivate the high beam assist, flash the headlights again.

Automatic headlight levelling

To prevent oncoming traffic from being dazzled, headlight levelling is automatically adjusted based on the load in the vehicle.

Fault in Adaptive forward lighting-LED system

When the system detects a failure in the Adaptive forward lighting-LED headlight system, a warning is displayed in the Driver Information Centre.

Hazard warning flashers

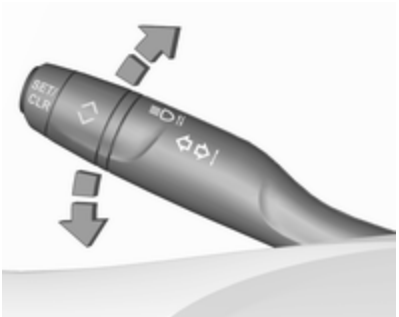
Operated by pressing ⚠.

Hazard warning flashers are switched on automatically in the following situations:

- Braking in an emergency (depending on the force of deceleration).
- In the event of an accident.

They are switched off the first time you accelerate or if you press ⚠.

Turn lights



stalk up : right turn light
stalk down : left turn light

A resistance point can be felt when moving the stalk.

Constant flashing is activated when the stalk is being moved beyond the resistance point. It is deactivated when the steering wheel is moved in the opposite direction or stalk is manually moved back to its neutral position.

Activate temporary flashing by holding the stalk just before the resistance point. Turn lights will flash until stalk is being released.

To activate three flashes, tap the stalk briefly without passing the resistance point.

If you forget to cancel the turn lights for more than 20 seconds, the volume of the audible signal will increase if the speed is above 60 km/h.

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 .

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 the stalk all the way up (right parking lights) or down (left parking lights).

Confirmed by a signal and the corresponding turn light 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 in position **AUTO** when the light sensor detects night conditions, or in position ≡D or ≡D:

- 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

: automatic switching on and off
press : on
press : off

Rear courtesy lights

Illuminate in conjunction with the front courtesy light.

Reading lights

Operated by pressing and in the courtesy lights.

Illustration shows rear courtesy lights.

Sunvisor lights

Illuminates when the cover is opened.

Lighting features

Centre console lighting

A spotlight integrated in the overhead console illuminates the centre console when headlights are switched on.

Entry lighting

Welcome lighting

Some or all of the following lights are switched on for a short time by unlocking the vehicle with the radio remote control:

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

The number of activated lights depends on the surrounding light conditions.

The lighting switches off immediately when the ignition is switched on.

Starting off ⇨ 17.

This function can be activated or deactivated in the vehicle personalisation.

Vehicle personalisation ⇨ 102.

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 are switched on if the key is removed from the ignition switch:

- interior lights
- instrument panel light

They will switch off automatically after a delay. This function works only in the dark.

Battery discharge protection

Vehicle battery state of charge function

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

To prevent discharge of the vehicle battery when driving, the following systems are reduced automatically in two stages and finally switched off:

- auxiliary heater
- heated rear window and mirrors
- heated seats
- fan

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

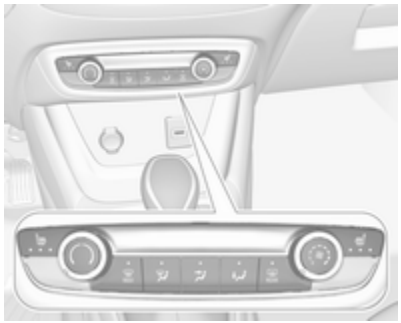
Switching off electric lights

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

Climate control

Climate control systems

Heating and ventilation system



Controls for:

- temperature
- air distribution , and
- fan speed
- demisting and defrosting
- heated rear window and exterior mirrors
- heated seats

Temperature

Adjust the temperature by turning to the desired temperature.

red area : warmer
blue area : colder

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

Air distribution

Press:

: to windscreen and front door windows
: to head area and rear seats via adjustable front air vents
: to front and rear foot well and windscreen

Combinations are possible.

Fan speed

Adjust the air flow by turning to the desired speed.

to the right : increase
to the left : decrease

Demisting and defrosting the windows

- Press : the air distribution is directed towards the windscreen.
- Set temperature controller to warmest level.
- Set fan speed to highest level.
- Switch on heated rear window .
- Open side air vents as required and direct them towards the door windows.

Heated rear window, windscreen and exterior mirrors ⇨ 38.

Heated seats ⇨ 46.

Air conditioning system

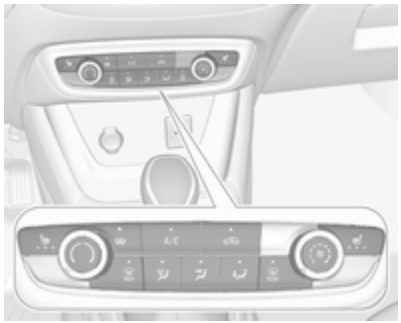
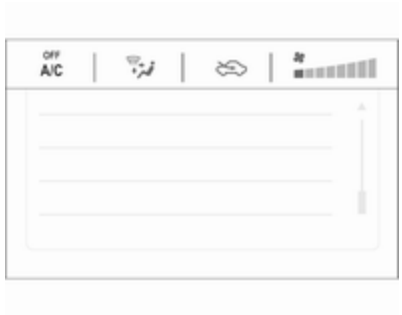


Illustration shows functions which may not be available for your particular vehicle.

Controls for:

- temperature
- air distribution , and
- fan speed
- demisting and defrosting
- air conditioning **A/C**
- air recirculation
- heated rear window and exterior mirrors
- heated windscreen
- heated seats



Some changes of settings are indicated briefly in the Info Display. Activated functions are indicated by the LED in the respective button.

Temperature

Adjust the temperature by turning to the desired temperature.

red area : warmer
blue area : colder

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

Air distribution

Press:

- : to windscreen and front door windows
- : to head area and rear seats via adjustable front air vents
- : to front and rear foot well and windscreen

Combinations are possible.

Fan speed

Adjust the air flow by turning to the desired speed.

to the right : increase
to the left : decrease

Air conditioning A/C

Press **A/C** 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 **A/C** again to switch off cooling.

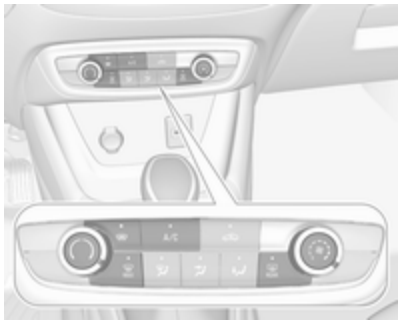
The air conditioning system cools and dehumidifies (dries) as soon as the outside temperature is slightly above the freezing point. Therefore condensation may form and drip from under the vehicle.

If no cooling or drying is required, switch off the cooling system for fuel saving reasons.

Activated cooling may inhibit Autostops.

Stop-start system ⇨ 137.

Demisting and defrosting the windows



- Press : the air distribution is directed towards the windscreen.
- Set temperature controller to warmest level.
- Switch on air conditioning **A/C** if required.
- Set fan speed to highest level.
- Switch on heated rear window .

- Switch on heated windscreen.
- Open side air vents as required and direct them towards the door windows.

Note
If MAX is pressed while the engine is running, an Autostop will be inhibited until MAX is pressed again.

If MAX is pressed while the engine is in an Autostop, the engine will restart automatically.

Stop-start system ⇨ 137.

Air recirculation system

Press to activate air recirculation mode, LED is indicated.

Select air recirculation to assist in cooling the interior or in blocking outside odours or exhaust.

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 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 air conditioning **A/C**.
- Press for air recirculation system on.
- Press for air distribution.
- Set temperature control to coldest level.
- Set fan speed to highest level.
- Open all vents.

Heated rear window, windscreen and exterior mirrors REAR ⇨ 38.

Heated seats ⇨ 46.

Electronic climate control system

The dual zone climate control allows different temperatures for driver side and front passenger side.

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

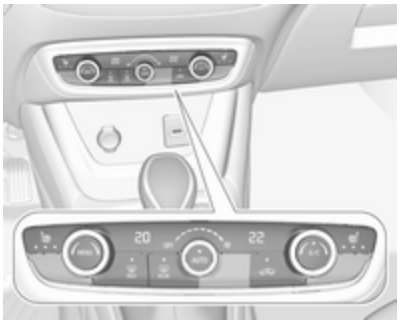


Illustration shows functions which may not be available for your particular vehicle.

Controls for:

- temperature on driver side
- **MENU** enters the Climate setting menu in the Info Display
- fan speed
- automatic mode **AUTO**
- temperature on front passenger side
- cooling **A/C**
- manual air recirculation
- demisting and defrosting
- heated rear window and exterior mirrors
- heated windscreen
- heated seats

Activated functions are indicated by the LED in the respective control.

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

Climate settings menu (MENU button)

Settings for

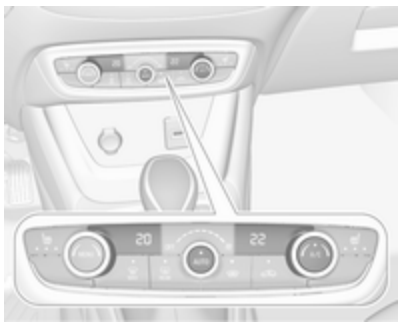
- air distribution
- fan speed
- temperature for driver and passenger side **19°/21°**
- dual zone temperature synchronisation **MONO**
- air conditioning **ON/OFF**
- automatic mode **AUTO**

can be triggered manually in the Climate setting menu. Press **MENU** to enter the menu and follow the touch buttons.

Climate setting menu can also be displayed

- by selecting **Climate** on the 7" Colour Info Display or
- by pressing and then selecting **Climate** from the menu on the 8" Colour Info Display.

Automatic mode AUTO



Basic settings for automatic control with maximum comfort:

- Press **AUTO** to start the air conditioning automatically.
- Open all air vents to allow optimised air distribution in automatic mode.
- Set the preselected temperatures for driver and front passenger using the left and right control dial. Recommended temperature is 22 °C. Temperature is indicated in displays beside the control dials and in the climate settings menu.
- Air recirculation mode should be deactivated. When deactivated the LED in the button is not illuminated.

Manual settings

Climate control system settings can be changed by activating the following functions:

Fan speed

Adjust the air flow by turning rotary knob to the desired speed. Turn left to decrease or turn right to increase. Fan speed can also be changed by touch buttons in the climate settings display. Press **MENU** to enter the menu.

Turning rotary knob anticlockwise: fan and cooling are switched off.

To return to automatic mode, press **AUTO**.

Air distribution

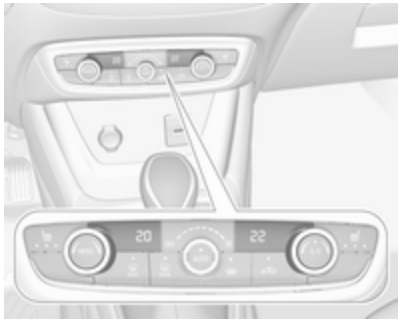
Press **MENU** to enter the menu.

Touch (in the Colour Info Display):

- : to windscreen and front door windows
- : to head area and rear seats via adjustable air vents
- : to front and rear foot well and windscreen

To return to automatic air distribution, press **AUTO**.

Temperature preselection



Set the preselected temperatures separately for driver and front passenger to the desired value using the left and right control dials. The dial on the passenger side changes the temperature for the passenger side. The dial on the driver's side changes the temperature for the driver's side or for both sides depending on activation of synchronisation **MONO** in the climate settings menu. Press **MENU** to enter the menu.

Recommended temperature is 22 °C. Temperature is indicated in displays beside the control dials and in the climate settings menu.

If the minimum temperature **Lo** is set, the climate control system runs at maximum cooling, if cooling **A/C** is switched on.

If the maximum temperature **Hi** is set, the climate control system runs at maximum heating.

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

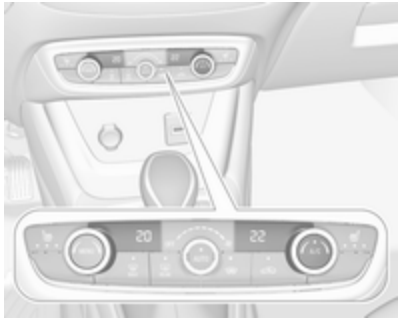
Stop-start system ⇨ 137.

Dual zone temperature synchronisation MONO or SYNC

Press **MENU** to enter the menu. Touch MONO or SYNC to link passenger side temperature setting to the driver side.

When passenger side control dial will be adjusted, synchronisation is deactivated.

Air conditioning A/C



Press **A/C** 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 **A/C** 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.

Manual air recirculation

Press to activate the air recirculation mode. The LED in the button illuminates to indicate activation.

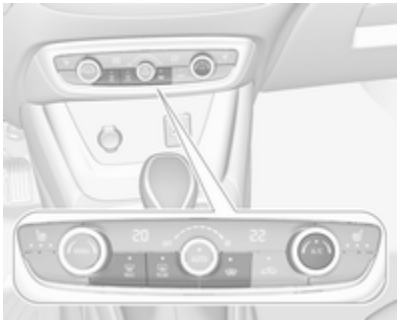
Press again to deactivate recirculation mode.

⚠ 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 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 .

Demisting and defrosting the windows



- Press . 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 air conditioning by pressing **A/C**, if required.
- Switch on heated rear window .
- Switch on heated windscreen .
- To return to previous mode press again, to return to automatic mode press **AUTO**.

Note

If is pressed while the engine is running, an Autostop will be inhibited until is pressed again.

If is pressed while the engine is in an Autostop, the engine will restart automatically.

Stop-start system ⇨ 137.

Deactivation of Electronic climate control system

Cooling, fan and automatic mode can be switched off by turning control dial anticlockwise.

Activation by switching on the fan or pressing **AUTO**.

Heated rear window, windscreen and exterior mirrors ⇨ 38.

Heated seats ⇨ 46.

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

Centre air vents in the instrument panel

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

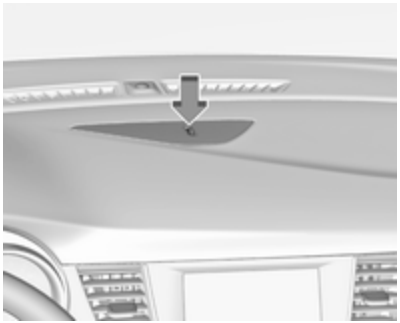
To close the vent, swivel the slats inwards.

Outer air vents in the instrument panel

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

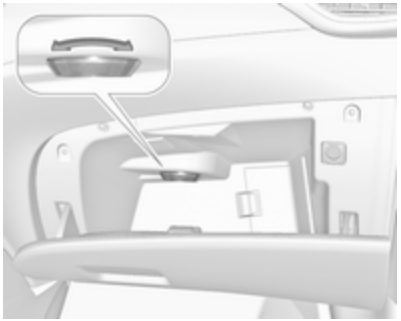
To close the vent, swivel the slats outwards.

Centre air vent on top of the instrument panel



Close air flow by turning the thumb wheel to the front.

Air vent in the glovebox



The air vent can be opened or closed by turning.

At least two air vents must be open while cooling is on.

⚠Warning

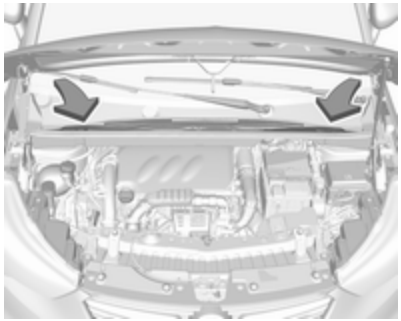
Do not attach any objects to the slats of the air vents. Risk of damage and injury in case of an accident.

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.

Cabin air filter

Change filter regulary for maximum effect.

More frequent passenger compartment air filter replacement may be needed, if you drive in areas with heavy traffic, poor air quality, areas with high dust levels or which are sensitive to environmental allergens.

Passenger compartment air filter replacement may also be needed if there is reduced air flow, windows fogging up, or odors.

Your dealer can help to determine when it is the right time to replace the filter.

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
- cabin air filter check

Driving and operating

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 ⇨ 137.

Idle boost

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

A message appears in the Driver Information Centre.

Pedals

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

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

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.

Starting and operating

New vehicle running-in

Do not brake unnecessarily hard for the first few journeys.

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

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

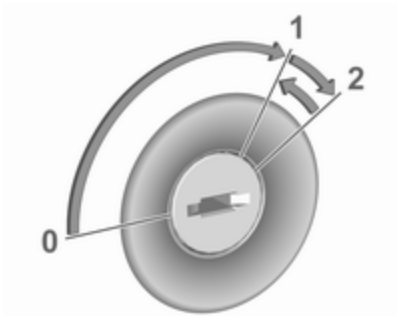
Additionally, the cleaning process of the exhaust filter may take place more often.

Exhaust filter ⇨ 140.

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

Ignition switch positions

Turn key:



0 : ignition off: Some functions remain active until key is removed or driver's door is opened, provided the ignition was on previously
1 : ignition on power mode: Ignition is on, diesel engine is preheating. Control indicators illuminate and most electrical functions are operable
2 : engine start: Release key after after engine has been started

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.

Power button

The electronic key must be inside the vehicle.

Engine start
Operate the clutch pedal (manual transmission), the brake pedal and press **Start/Stop**. Release the button after starting procedure begins.

Ignition on power mode without starting the engine
Press **Start/Stop** without operating clutch or brake pedal. Control indicators illuminate and most electrical functions are operable.

Engine and ignition off
Press **Start/Stop** briefly in each mode or when engine is running and vehicle is stationary. Some functions remain active until driver's door is opened, provided the ignition was on previously.

Emergency shut off during driving
Press **Start/Stop** for 5 seconds ⇨ 135. Steering wheel locks as soon as vehicle is stationary.

Steering wheel lock

The steering wheel lock activates automatically when:

- The vehicle is stationary.
- The ignition has been switched off.

To release steering wheel lock, open and close driver's door and switch the ignition on power mode or start the engine directly.

⚠Warning

If the vehicle battery is discharged, the vehicle must not be towed, tow-started or jump-started as the steering wheel lock cannot be disengaged.

Operation on vehicles with electronic key system in case of failure

If either the electronic key fails or the battery of the electronic key is weak, the Driver Information Centre may display **No Remote Detected** or **Replace Battery in Remote Key** when you try to start the vehicle.

Hold the electronic key with buttons outside at the marking on the steering column cover as shown in the illustration.

Operate the clutch pedal (manual transmission), the brake pedal and press **Start/Stop**. Release the button after starting procedure begins.

This option is intended for emergencies only. Replace the electronic key battery as soon as possible ⇨ 23.

For unlocking or locking the doors, see fault in radio remote control unit or electronic key system ⇨ 24.

Power saving mode

This mode deactivates electrical consumers to avoid excessive discharging of the vehicle battery. These consumers, such as the Infotainment system, windscreen wipers, low beam headlights, courtesy light, etc. can be used for a total maximum time of about 40 minutes after ignition is switched off.

Changing into power saving mode

When power saving mode is activated, a message appears in the Driver Information Centre indicating **Power saving mode**.

An active telephone call using the hands-free option will be maintained for around 10 minutes longer.

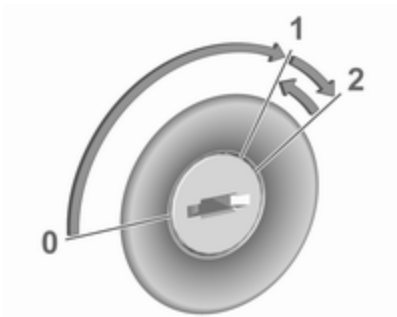
Deactivating power saving mode

Power saving mode is deactivated automatically when the engine is restarted. Run the engine for a sufficient charge:

- for less than 10 minutes to use the consumers for approx. 5 minutes
- for more than 10 minutes to use the consumers for up to approx. 30 minutes

Starting the engine

Vehicles with ignition switch



- Turn key to position **1**.
- Move the steering wheel slightly 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 accelerator pedal.
- Diesel engines: wait until control indicator extinguishes.
- Turn key to position **2** and release after the engine has been started.

Manual transmission: during an Autostop, the engine can be started by depressing the clutch pedal ⇨ 137.

Automatic transmission: during an Autostop, the engine can be started by releasing the brake pedal ⇨ 137.

Vehicles with power button

- Manual transmission: operate clutch and brake pedal.
- Automatic transmission: operate brake pedal and move selector lever to **P** or **N**.
- Do not operate accelerator pedal.
- Press **Start/Stop** button.

- Release button after starting procedure begins. Diesel engine starts after control indicator for preheating extinguishes.
- Before restarting or to switch off the engine when vehicle is stationary, press **Start/Stop** once more briefly.

To start the engine during an Autostop:

- Manual transmission: during an Autostop, the engine can be started by depressing the clutch pedal ⇨ 137.
- Automatic transmission: during an Autostop, the engine can be started by releasing the brake pedal ⇨ 137.

Emergency shut off during driving

If the engine needs to be switched off during driving in case of emergency, press **Start/Stop** for 5 seconds.

⚠ 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

Starting 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 vehicle battery. With temperatures below -30 °C the automatic transmission requires a warming phase of approx. 5 minutes. The selector lever must be in position **P**.

Heating functionalities

Note
Individual heating functionalities, such as heated seats or heated steering wheel, may be temporarily unavailable in the event of electrical loading constraints. Functions will be resumed after some minutes.

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.

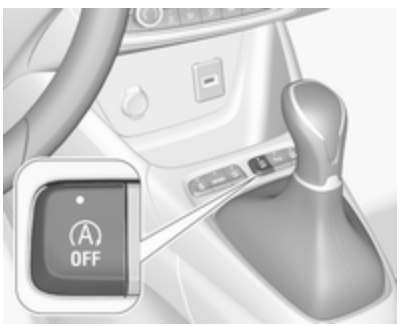
Stop-start system

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.

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 (A) OFF. The deactivation is indicated when the LED in the button illuminates.

Autostop

Vehicles with manual transmission
An Autostop can be activated at a standstill.

Activate an Autostop as follows:

- Depress the clutch pedal.
- Set the lever to neutral.
- Release the clutch pedal.

The engine will be switched off while the ignition stays on.

Vehicles with automatic transmission
If the vehicle is at a standstill with depressed brake pedal, Autostop is activated automatically.

The engine will be switched off while the ignition stays on.

The stop-start system will be disabled on inclines of 12% or more.

Indication

An Autostop is indicated by control indicator (A).

During an Autostop, the heating and brake performance will be maintained.

Conditions for an Autostop
The stop-start system checks if each of the following conditions is fulfilled.

- The stop-start system is not manually deactivated.
- The 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 not too low or too high.
- 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.

Note
The Autostop may be inhibited for several hours after a battery replacement or reconnection.

Certain settings of the climate control system may inhibit an Autostop. See Climate control chapter for more details ⇨ 120.

If an autostop is temporarily not available, Ⓐ flashes green ⇨ 93.

Immediately after driving at a higher speed an Autostop may be inhibited. New vehicle running-in ⇨ 132.

Vehicle battery discharge protection
To ensure reliable engine restarts, several vehicle battery discharge protection features are implemented as part of the stop-start system.

Power saving measures
During an Autostop, several electrical features such as auxiliary electric heater or rear window heating are disabled or switched to a power saving mode. The fan speed of the climate control system is reduced to save power.

Restart of the engine by the driver

Vehicles with manual transmission
Conventional restart
All engines have conventional restart.

Depress the clutch pedal without depressing the brake pedal to restart the engine.

On engines with late restart a conventional restart is only possible without depressed brake pedal.

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 driver's seat belt is unfastened or the driver's door is opened.
- The engine temperature is too low.
- The charging level of the vehicle battery is below a defined level.
- The brake vacuum is not sufficient.
- The climate control system requests an engine start.
- The air conditioning is manually switched on.

If an electrical accessory, e.g. a portable CD player, is connected to the power outlet, a brief power drop during the restart might be noticeable.

Parking

⚠ Warning

- Do not park the vehicle on an easily ignitable surface. The high temperature of the exhaust system could ignite the surface.
- Always apply the parking brake. Activate the manual parking brake without pressing the release button. Apply as firmly as possible on a downhill slope or uphill slope. Depress brake pedal at the same time to reduce operating force.
- Switch off the engine.
- If the vehicle is on a level surface or uphill slope, engage first gear or set the selector lever to position **P** before removing the ignition key or switching off ignition on vehicles with power button. 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 or switching off ignition on vehicles with power button. Turn the front wheels towards the kerb.
- Close the windows.
- Remove the ignition key from the ignition switch or switch off ignition on vehicles with power button. Turn the steering wheel until the steering wheel lock is felt to engage.
- Lock the vehicle.
- Activate the anti-theft alarm system.
- The engine cooling fans may run after the engine has been switched off ⇨ 189.

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 switched 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

Automatic cleaning process

The exhaust filter system filters soot particles out of the exhaust gases.

The start of saturation of the exhaust filter is indicated by the temporary illumination of or , accompanied by a message in the Driver Information Centre.

As soon as the traffic conditions permit, regenerate the filter by driving at a vehicle speed of at least 60 km/h until the control indicator extinguishes.

Note

On a new vehicle, the first exhaust filter regeneration operations may be accompanied by a burning smell, which is normal. Following prolonged operation of the vehicle at very low speed or at idle, water vapour can be emitted at the exhaust on acceleration. This does not affect the behaviour of the vehicle or the environment.

Cleaning process not possible

If or stays on, accompanied by an audible signal and a message, this indicates that the exhaust filter additive level is too low.

The reservoir must be topped-up without delay. Seek the assistance of a workshop.

Catalytic converter

The catalytic converter reduces the amount of harmful substances in the exhaust gases.

Caution

Fuel grades other than those listed on pages ⇨ 177, ⇨ 238 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.

AdBlue

General information

The selective catalytic reduction (BlueInjection) 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 (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.

Caution

Avoid contact of the paintwork with AdBlue.

In case of contact, rinse off with water.

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.

Level warnings

The AdBlue consumption is approximately 1.5 l per 1000 km. The consumption can be higher depending on driving behaviour (e.g. high load or towing).

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 message appears at an AdBlue range below 2400 km, shows up at each start and each 300 km range reduction:

Top up AdBlue: Starting impossible in 2400 km

Additionally, control indicator illuminates continuously and a chime sounds with every message pop-up.

At an AdBlue range below 600 km, the following warning message is being displayed, shows up at each start and each 20 km range reduction:

Top up AdBlue: Starting impossible in 600 km

Additionally, control indicator flashes continuously and a chime sounds with every message pop-up.

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 message is being displayed and cannot be dismissed:

Top up AdBlue: Starting impossible

Additionally, control indicator flashes continuously and engine cannot be restarted until AdBlue tank is being filled with at least 5 l.

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
Refill the tank to a level of at least 5 l to ensure that the new AdBlue level is being detected.

In case AdBlue refill is not successfully detected:

1. Continuously drive the vehicle for 10 min making sure that vehicle speed is always higher than 20 km/h.
2. If AdBlue refill is detected successfully, AdBlue supply-driven warnings or 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 liquified.

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.

It is recommended to fill the AdBlue tank completely.

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 left 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 ⇨ 179.

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 5 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 by tapping the selector lever to **+** or **-** ⇨ 145.

Transmission display

The mode or selected gear is shown in the Driver Information Centre.

In automatic mode, the driving programme is indicated by **D**.

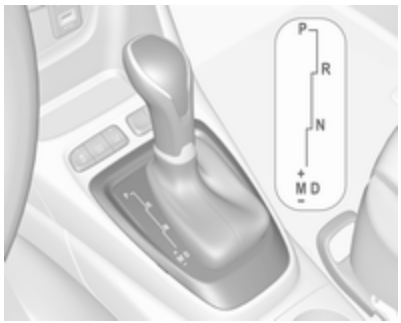
In manual mode, **M** and the number of the selected gear is indicated.

R indicates reverse gear.

N indicates neutral position.

P indicates park position.

Selector lever



Move the selector lever in the shifting gate as shown in the illustration above.

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
+ : upshift in manual mode
– : downshift in manual mode

The selector lever is locked in **P** and can only be moved when the ignition is on and the brake pedal is applied.

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**.

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

▲ with the number of a higher gear is indicated, when upshifting 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.
- Special programmes automatically adapt the shifting 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

Pressing down the accelerator pedal beyond the kickdown detent will lead to maximum acceleration independent of selected driving 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 ⇨ 101.

Electronic transmission control enables only third gear. The transmission no longer shifts automatically.

Do not drive faster than 100 km/h.

Have the cause of the fault remedied by a workshop.

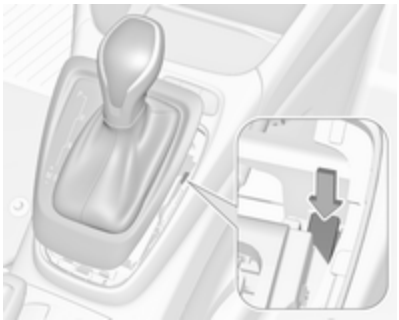
Interruption of power supply

In the event of an interruption of power supply, the selector lever cannot be moved out of the **P** position.

If the vehicle battery is discharged, start the vehicle using jump leads ⇨ 220.

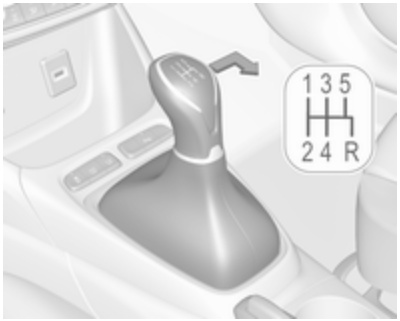
If the vehicle battery is not the cause of the fault, release the selector lever.

1. Apply the parking brake.
2. Release the selector lever trim from the centre console. Poke with a finger into the leather socket below the selector lever and push the trim upwards.

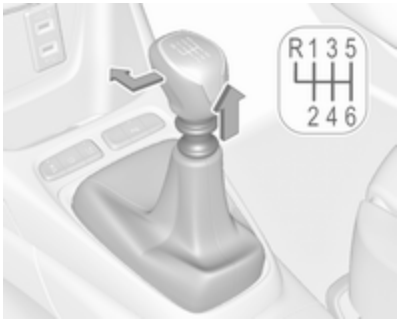


3. Push down the button and move the selector lever out of **P**. Have the cause of the power supply interruption remedied by a workshop.
4. Mount the selector lever trim onto the centre console and refit.

Manual transmission



To engage reverse on 5-speed transmission, depress the clutch pedal and move the selector lever to the right and rear.



To engage reverse on 6-speed transmission, depress the clutch pedal, pull the ring under the selector lever and move the selector lever quite to the left and front.

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.

When clutch slip is detected for a specific time, the engine power will be reduced. A warning is displayed in the Driver Information Centre. Release the clutch.

Caution
It is not advisable to drive with the hand resting on the selector lever.

Gear shift indication ⇨ 91.

Stop-start system ⇨ 137.

Brakes

The brake system comprises two independent brake circuits.

If a brake circuit fails, the vehicle can still be braked using the other brake circuit. However, braking effect is achieved only when the brake pedal is depressed firmly. Considerably more force is needed for this. The braking distance is extended. Seek the assistance of a workshop before continuing the journey.

When the engine is not running, the support of the brake servo unit disappears once the brake pedal has been depressed once or twice. Braking effect is not reduced, but braking requires significantly greater force. It is especially important to bear this in mind when being towed.

Control indicator ⓘ ⇨ 91.

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.

When braking in an emergency, the hazard warning flashers are switched on automatically depending on the force of deceleration. They are switched off automatically the first time you accelerate.

After starting off, the system performs a self-test which may be audible.

Control indicator ⓐ ⇨ 91.

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.

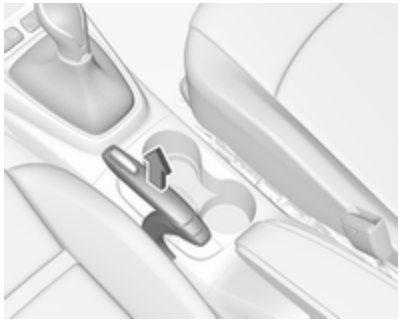
Have the cause of the fault remedied by a workshop.

Parking brake

⚠Warning

Before leaving the vehicle, check parking brake status. Control indicator ⓘ must illuminate constantly.

Manual parking brake



⚠ Warning

Always apply parking brake firmly without operating the release button, and apply as firmly as possible on a downhill or uphill slope.

To release the parking brake, pull the lever up slightly, press the release button and fully lower the lever.

To reduce the operating forces of the parking brake, depress the foot brake at the same time.

Control indicator ⓘ ⇨ 91.

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, brakes remain on for further 2 seconds. The brakes release automatically as soon as the vehicle begins to accelerate.

Ride control systems

Electronic Stability Control and Traction Control system

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 driven wheels from spinning.

The TC is a component of the ESC.

TC improves driving stability when necessary, regardless of the type of road surface or tyre grip, by preventing the driven wheels from spinning.

As soon as the driven 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.

ESC and TC are operational after each engine start as soon as the control indicator extinguishes.

When ESC and TC operate, flashes.

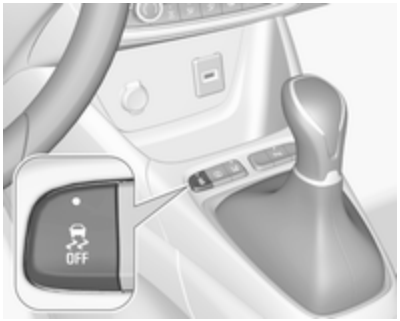
⚠Warning

Do not let this special safety feature tempt you into taking risks when driving.

Adapt speed to the road conditions.

Control indicator ⇨ 92.

Deactivation



ESC and TC can be deactivated, everytime it is required: press .

Control indicator illuminates.

Control indicator ⇨ 92.

A status message appears in the Driver Information Centre when ESC and TC are deactivated.

ESC and TC are reactivated by pressing the button again, by applying the brake or in the case that the vehicle is driven faster than 50 km/h.

extinguishes when ESC and TC are reactivated.

ESC and TC are also reactivated the next time the ignition is switched on.

Fault

If there is a fault in the system, the control indicator 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.

Driver assistance systems

⚠ Warning

Driver assistance systems are developed to support the driver and not to replace the driver's attention.

The driver stays in full control of the vehicle and accepts full responsibility when driving the vehicle.

When using driver assistance systems, always take care regarding the current traffic situation and follow applicable traffic rules.

Cruise control

The cruise control can store and maintain speeds above 40 km/h. Additionally at least the third gear must be engaged on manual transmission, on automatic transmission position **D** or the second or a higher gear in position **M** must be selected.

Deviations from the stored speeds may occur when driving uphill or downhill.

The system maintains the vehicle speed at the preset speed by the driver, without any action on the accelerator pedal.

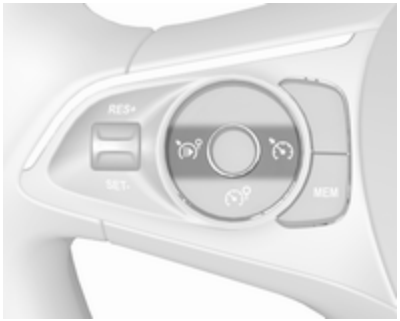
The preset speed can be exceeded temporarily by pressing the accelerator pedal firmly.

The status and preset speed is displayed in the Driver Information Centre.

Do not use the cruise control if it is not advisable to maintain a constant speed.

Control indicator ⛐ ⇨ 94.

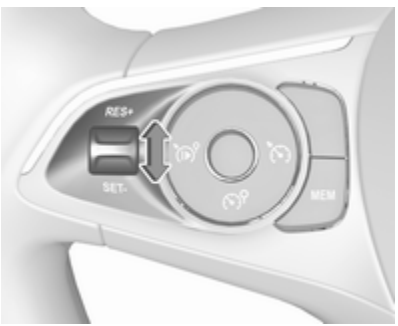
Switching on the system



Press ⛐ on the steering wheel: symbol ⛐ and a message are indicated in the Driver Information Centre. The system is still not active.

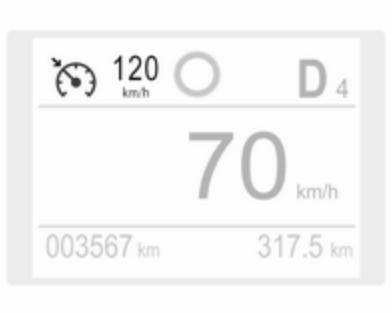
Activation of the functionality

Setting speed by the driver



Accelerate to the desired speed and move thumb wheel briefly to **SET/-**. The current speed is stored and maintained. Accelerator pedal can be released.

The preset speed can then be changed by moving thumb wheel to **RES/+** to increase or to **SET/-** to decrease the speed. Move thumb wheel repeatedly to change speed in small steps, move and hold to change speed in large steps.



Speed value is indicated in the Driver Information Centre.

Adopting speed by the speed limit recognition

The intelligent speed adaptation informs the driver when a speed limit is detected by the speed limit recognition. The detected speed limit can be used as new value for the cruise control.

Using the camera at the top of the windscreen, this system detects and reads speed limit and end of speed limit signs.

If the cruise control is active, the recognised speed limit will be displayed in the Driver Information Centre and "MEM" illuminates.

Press **MEM** on the steering wheel to request saving of the suggested speed.

Press **MEM** on the steering wheel once more to confirm and save the new speed setting.

This speed is the new value for the cruise control.

This function can be deactivated or activated in the personalisation menu ⇨ 102.

Exceeding the set speed

Vehicle speed can be increased by depressing the accelerator pedal. When the accelerator pedal is released, the previously stored speed is resumed.

Deactivation of the functionality

Press : cruise control is in pause mode and a message is displayed. The vehicle is driven without cruise control.

Cruise control is deactivated, but not switched off. Last stored speed remains in memory for later speed resume.

Cruise control is deactivated automatically when:

- The brake pedal is depressed.
- The clutch pedal is depressed.
- Vehicle speed is below 40 km/h.
- The Traction Control system or Electronic Stability Control is operating.
- The selector lever is in **N**, first or second gear.

Resume stored speed

Move thumb wheel to **RES/+** at a speed above 40 km/h. The stored speed will be obtained.

Switching off the system

Press : the cruise control mode is deselected and the cruise control indication extinguishes in the Driver Information Centre.

Pressing to activate the speed limiter deactivates cruise control.

Switching off the ignition cancels any programmed speed value.

Fault

In the event of a cruise control fault, the speed is cleared resulting in flashing of the dashes.

The speed limit recognition may not operate correctly if traffic signs do not comply with the Vienna Convention on Road Signs and Signals.

Speed limiter

The speed limiter prevents the vehicle from exceeding a preset maximum speed.

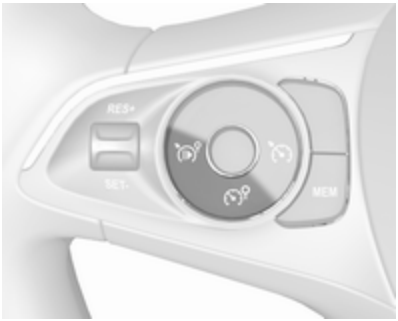
The maximum speed can be set at speeds above 30 km/h.

The driver can accelerate the vehicle up to the preset speed. Deviations from the limited speed may occur when driving downhill.

The preset speed can be exceeded temporarily by pressing the accelerator pedal firmly.

The status and preset speed limit is displayed in the Driver Information Centre.

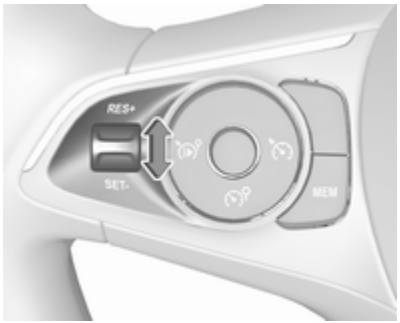
Switching on the system



Press , symbol and a message are displayed in the Driver Information Centre. The system is still not active.

Activation of the functionality

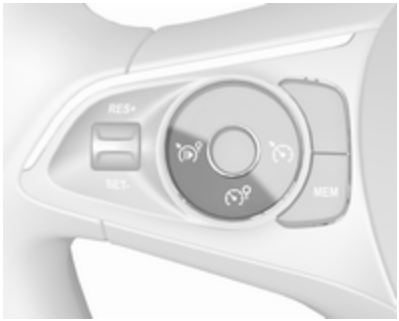
Setting speed by the driver



Accelerate to the desired speed and move thumb wheel briefly to **SET/-**. The current speed is stored as maximum speed.

The preset maximum speed can be changed by moving thumb wheel to **RES/+** to increase or to **SET/-** to decrease the desired maximum speed. Move thumb wheel repeatedly to change speed in small steps, move and hold to change speed in large steps.

Speed value is indicated in the Driver Information Centre.



Press to activate speed limiter.

Adopting speed by the speed limit recognition

The intelligent speed adaptation informs the driver when a speed limit is detected by the speed limit recognition. The detected speed limit can be used as new value for the speed limiter.

Using the camera at the top of the windscreen, this system detects and reads speed limit and end of speed limit signs.

If the speed limiter is active, the recognised speed limit will be displayed in the Driver Information Centre and **MEM** illuminates.

Press **MEM** on the steering wheel to request saving of the suggested speed limit.

Press **MEM** on the steering wheel once more to confirm and save the new speed setting.

This speed is the new value for the speed limiter.

This function can be deactivated or activated in the personalisation menu ⇨ 102.

Exceeding the speed limit

In the event of an emergency, it is possible to exceed the speed limit by depressing the accelerator pedal firmly. In this case the preset speed value flashes.

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 in pause mode and a message is displayed. The vehicle is driven without speed limiter.

Speed limiter is deactivated, but not switched off. Last stored speed remains in memory for later speed resume.

Resume limit speed

Press . The stored speed limit will be obtained.

Switching off the system

Press , the speed limiter mode is deselected and the speed limit indication extinguishes in the Driver Information Centre.

Pressing to activate cruise control deactivates speed limiter.

The preset speed remains in the memory when the ignition is switched off.

Fault

In the event of a speed limiter fault, the speed is cleared resulting in flashing of the dashes.

The speed limit recognition may not operate correctly if traffic signs do not comply with the Vienna Convention on Road Signs and Signals.

Forward collision alert

The forward collision alert may help to avoid or reduce the harm caused by front-end crashes.

The forward collision alert uses the front camera in the windscreen to detect a preceding vehicle directly ahead, in your path.

If a vehicle directly ahead is approached too quickly, a warning chime and alert in the Driver Information Centre is provided.

⚠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.

Activation

Forward collision alert detects vehicles and operates automatically at all speeds between 5 km/h and 85 km/h. The system detects stationary vehicles if the speed does not exceed 80 km/h.

Alerting the driver

The driver is warned by following alerts:

- Symbol illuminates and a warning message is displayed in the Driver Information Centre when the distance to the vehicle ahead gets to small.
- Symbol illuminates, a warning message is displayed in the Driver Information Centre and a warning chime sounds, when a collision is imminent and immediate driver's action is required.

⚠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.

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.

Selecting the alert sensitivity

The alert sensitivity has to be set to close, normal or distant in the vehicle personalisation menu ⇨ 102.

The chosen setting will remain until it is changed. The alert timing will vary based on vehicle speed. The faster the vehicle speed, the farther away the alert will occur. Consider traffic and weather conditions when selecting the alert timing.

Deactivation

The system can only be deactivated by deactivating the active emergency braking in the vehicle personalisation ⇨ 102.

System limitations

Forward collision alert is designed to warn on vehicles only, but may react also to other objects.

In the following cases, forward collision alert may not detect a vehicle ahead or sensor performance is limited:

- driving on winding or hilly roads
- driving during nighttime
- weather limits visibility, such as fog, rain, or snow
- the sensor in the windscreen is blocked by snow, ice, slush, mud, dirt etc.
- the windscreen is damaged or affected by foreign objects, e.g. stickers

Active emergency braking

Active emergency braking can help to reduce the damage and injury from crashes with vehicles, pedestrians 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 ⇨ 156 or the front pedestrian protection alert ⇨ 160.

The feature uses various inputs (e.g. camera sensor, brake pressure, vehicle speed) to calculate the probability of a frontal collision.

⚠Warning

This system is not intended to replace the driver responsibility for driving the vehicle and looking ahead. Its function is limited to supplemental use only to reduce the vehicle speed before a collision.

The system may not react to animals. After a sudden lane change, the system needs a certain time to detect the next preceding vehicle.

The driver must always be ready to take action and apply the brakes and steer to avoid collisions.

Operation conditions

Active emergency braking is equipped with a front camera and operates in forward gear above walking speed up to 85 km/h. The system detects stationary vehicles only if the speed does not exceed 80 km/h.

Activation

A precondition is that forward collision alert with front camera system is not deactivated in the vehicle personalisation menu ⇨ 102.

Functionality

The system includes:

- emergency automatic braking
- forward looking brake assist
- forward collision alert
- front pedestrian protection

Emergency automatic braking

After activation of brake preparation system and just before the imminent collision, this function automatically applies limited braking to reduce the impact speed of the collision or prohibit a crash. If active emergency braking is applied, flashes in the instrument cluster. Depending on the situation, the vehicle may automatically brake moderately or hard. This front automatic braking can only occur if a vehicle ⇨ 156 or a pedestrian ⇨ 160 ahead is detected.

Emergency automatic braking may slow the vehicle to a complete stop to try to avoid a potential crash.

⚠Warning

Emergency automatic braking is an emergency crash preparation feature and is not designed to avoid crashes. Do not rely on the system to brake the vehicle. Emergency automatic braking will not brake outside of its operating speed range and only responds to detected vehicles and pedestrians.

Forward looking brake assist

In addition to emergency automatic braking, the forward looking brake assist function makes the brake assist more sensitive. Therefore, pressing the brake pedal less strongly results in immediate hard braking. This function helps the driver brake quicker and harder before the imminent collision.

⚠ Warning

Active emergency braking is not designed to apply hard autonomous braking or to automatically avoid a collision. It is designed to reduce the vehicle speed before a collision. It may not react to 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 must 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.

Forward collision alert ⇨ 156.

Front pedestrian protection ⇨ 160.

Deactivation

Active emergency braking can be deactivated in the personalisation menu ⇨ 102. If deactivated, illuminates in the instrument cluster and a warning message is displayed in the Driver Information Centre.

We recommend to deactivate the system in the vehicle personalisation in the following cases:

- when towing a trailer or caravan
- when carrying long objects on roof bars or a roof rack
- when the vehicle is being towed with the engine running
- when a spare wheel is fitted that is smaller than the other wheels
- before using an automatic car wash with the engine running
- before placing the vehicle on a rolling road in a workshop
- if the windscreen has been damaged close to the camera
- if the front bumper has been damaged
- if the brake lamps are not working

System limitations

In some cases, the active emergency braking system may provide an automatic braking in situations that seem to be unnecessary, for instance in parking garages, due to traffic signs in a curve or due to vehicles in another lane. This is normal operation, the vehicle does not need service. Firmly apply the accelerator pedal to override the automatic braking if the situation and the surroundings permit.

In the following cases, active emergency braking performance is limited:

- Driving on winding or hilly roads.
- Detecting all vehicles, especially vehicles with a trailer, tractors, muddy vehicles, etc.
- Detecting a vehicle when weather limits visibility, such as in fog, rain, or snow.
- Driving during nighttime.
- Weather limits visibility, such as fog, rain, or snow.
- The windscreen is damaged or affected by foreign items, e.g. stickers.

Complete attention is always required while driving, and you should be ready to take action and apply the brakes and / or steer the vehicle to avoid crashes.

Fault

In case the system requires a service, a message is displayed in the Driver Information Centre.

If the system does not work as it should do, vehicle messages are displayed in the Driver Information Centre.

Vehicle messages ⇨ 101.

Front pedestrian protection

Front pedestrian protection may help to avoid or reduce the harm caused by front-end crashes with pedestrians when driving forward.

The system uses the front camera in the windscreen to detect a pedestrian directly ahead in your path.

Front pedestrian protection can detect and alert to pedestrians in a forward gear at speeds between 5 km/h and 60 km/h.

During nighttime driving, system performance is limited.

⚠ Danger

Front pedestrian braking does not provide an alert or automatically brake the vehicle, unless it detects a pedestrian.

The system may not detect pedestrians, including children, when the pedestrian is not directly ahead, not fully visible, not standing upright, or when part of a group.

Front pedestrian protection includes:

- detecting front pedestrian ahead
- front pedestrian alert

Front pedestrian protection is activated together with forward collision alert.

Forward collision alert ⇨ 156.

Detecting front pedestrian ahead

A pedestrian ahead up to a distance of approx. 40 m is indicated by a symbol in the instrument cluster.

Front pedestrian alert

When approaching a detected pedestrian too quickly, a warning message is displayed in the Driver Information Centre. A warning chime is provided.

Cruise control or Adaptive cruise control may be disengaged when the front pedestrian alert occurs.

System limitations

In the following cases, front pedestrian protection may not detect a pedestrian ahead or sensor performance is limited:

- vehicle speed is out of range from 5 km/h to 60 km/h in forward gear
- the distance to an pedestrian ahead is more than 40 m
- driving on winding or hilly roads
- driving during nighttime
- weather limits visibility, such as fog, rain, or snow
- the sensor in the windscreen is blocked by snow, ice, slush, mud, dirt etc.
- the windscreen is damaged or affected by foreign objects, e.g. stickers

Parking assist

General information

When attaching a trailer or bike carrier to the trailer hitch, the parking assist is deactivated.

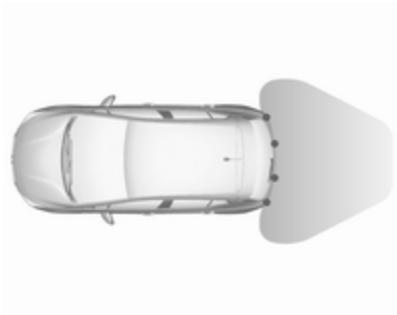
⚠Warning

The driver bears full responsibility for the parking manoeuvre.

Always check the surrounding area when driving backwards or forwards while using parking assist system.

Rear parking assist

The rear parking assist makes parking easier by measuring the distance between the vehicle and rear obstacles. It informs and warns the driver by giving acoustic signals and display indication.



The system operates with ultrasonic parking sensors in the rear bumper.

Activation

Rear parking assist is activated when reverse gear is engaged and ignition is switched on.

The system is ready to operate when the LED in the parking assist button is not illuminated.

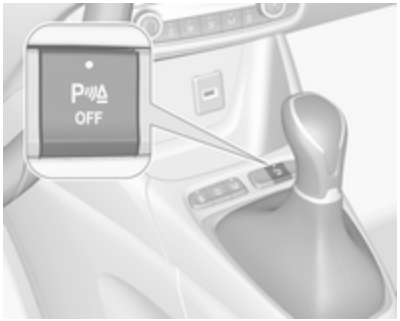
Indication

The system warns the driver with acoustic signals against potentially hazardous obstacles behind the vehicle in a distance range up to 50 cm while reverse gear is engaged.

Depending on which side of the vehicle is closer to an obstacle, you will hear acoustic warning signals in the vehicle on the respective side. The interval between the sounds becomes shorter as the vehicle gets closer to that obstacle. When the distance is less than approx. 30 cm, the sound is continuous.

Additionally, the distance to rear obstacles is displayed by changing distance lines in the Info Display ⇨ 97. When the obstacle is very close, ⚠for Danger is displayed in the screen.

Deactivation

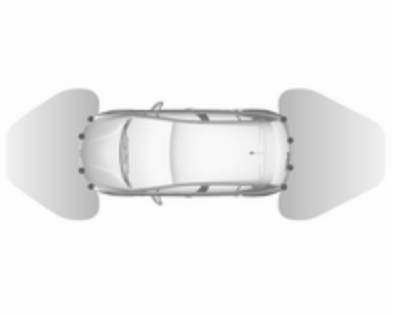


The system is switched off when reverse gear is disengaged. Press to deactivate the system manually. The LED in the button illuminates when the system is deactivated. If the system has been deactivated manually, it is not reactivated automatically the next time the ignition is switched on.

Front-rear parking assist

The front-rear parking assist measures the distance between the vehicle and obstacles in front and behind the vehicle. It informs and warns the driver by giving acoustic signals and display indication.

It uses two different acoustic warning signals for the front and rear monitoring areas, each with a different tone frequency.



The system operates with ultrasonic parking sensors in the rear and front bumper.

Activation

In addition to the rear parking assist, the front parking assist is triggered when an obstacle is detected in front and the speed of the vehicle is still below 10 km/h.

The system is ready to operate when the LED in the parking assist button is not illuminated.

When the system is deactivated, the LED in the button illuminates.

Indication

The system warns the driver with acoustic signals against potentially hazardous obstacles in front of the vehicle and behind the vehicle.

Depending on which side of the vehicle is closer to an obstacle, you will hear acoustic warning signals in the vehicle on the respective side. The interval between the sounds becomes shorter as the vehicle gets closer to that obstacle. When the distance is less than approx. 30 cm, the sound is continuous.

Additionally, the distance to rear and front obstacles is displayed by changing distance lines in the Info Display ⇨ 97.

Deactivation

The system is deactivated automatically when vehicle speed exceeds 10 km/h or if the vehicle stops for more than 3 seconds in a forward gear or if no further obstacles are detected.

When the system is deactivated manually, the LED in the button illuminates.

If the system has been deactivated manually, it is not reactivated automatically the next time the ignition is switched on.

System limitations

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, **Service** in the cluster instrument illuminates. A message is indicated in the Driver Information Centre.

⚠ Warning

Under certain circumstances, various reflective surfaces on objects or clothing as well as external noise sources may cause the system to fail to detect obstacles.

Special attention must be paid to low obstacles which can damage the lower part of the bumper.

Caution

Performance of the system can be reduced when sensors are covered, e.g. by ice or snow.

Performance of the parking assist system can be reduced due to heavy loading.

Special conditions apply if there are taller vehicles in the vicinity (e.g. off-road vehicles, mini vans, vans). Object identification and correct distance indication in the upper part of these vehicles cannot be guaranteed.

Objects with a very small reflection cross-section, e.g. objects of narrow size or soft materials, may not be detected by the system.

Parking assist systems do not detect objects outside the detection range.

Note

Make sure that the front number plate is properly mounted (not bent and no gaps to the bumper on the left or right side) and the sensors are firmly in place.

Advanced parking assist

⚠ Warning

The driver bears full responsibility for accepting the parking slot suggested by the system and the parking manoeuvre.

Always check the surrounding area in all directions when using the advanced parking assist.

The advanced parking assist measures a suitable parking slot while passing, calculates the trajectory and automatically steers the vehicle while parking.

Advanced parking assist provides assistance for the following manoeuvres:

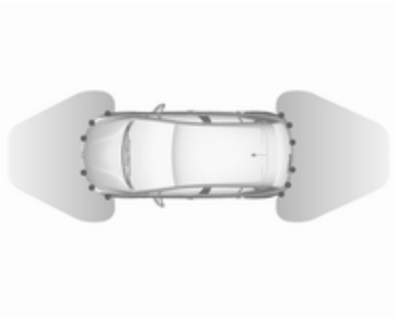
- Entry into a parallel parking slot.
- Entry into a perpendicular parking slot.
- Exit from a parallel parking slot.

The driver must control acceleration, braking and gear shifting, while steering is done automatically. The driver can take control at any time by gripping the steering wheel.

It may be necessary to move forwards and backwards more than once.

Instructions are given in the Info Display ⇨ 97.

Advanced parking assist can only be activated when driving forwards.



Advanced parking assist is always combined with front-rear parking assist.

The system has six ultrasonic parking sensors each in both the rear and front bumper.

Entry into a parallel parking slot

Activation

7" Colour Info Display: to search for a parking slot, activate the system by selecting **Park Assist** on the homepage of the touch screen. Then select **Enter parallel parking space**.

8" Colour Info Display: to search for a parking slot, activate the system by pressing . Select Driving functions on the touch screen and then **Park Assist**. Select **Enter parallel parking space**.

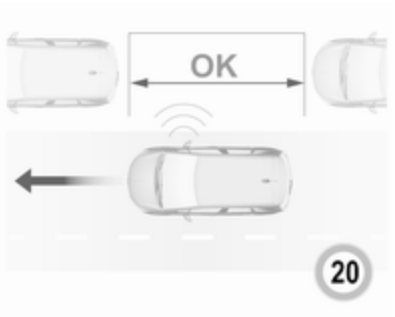
illuminates in the instrument cluster to confirm the function.

Slow down the vehicle speed below 20 km/h.

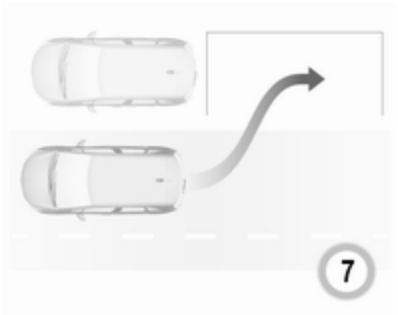
Select parking side by switching on turn light indicator on the respective side.

The allowed parallel distance between the vehicle and a row of parked cars is between 0.5 m and 1.5 m.

The system will not identify slots that are clearly smaller or larger than the vehicle.



When a free slot is detected, a visual feedback on the Colour Info Display and a first acoustic signal is given. Drive slowly forwards. When the second acoustic signal is given, stop the vehicle, select reverse gear, release the steering wheel and start moving without exceeding 7 km/h.



Move forwards and backwards while observing the warnings of the Parking assist until the end of manoeuvre is indicated. When finished, P extinguishes in the instrument cluster.

Entry into a perpendicular parking slot

Activation

7" Colour Info Display: to search for a parking slot, activate the system by selecting **Park Assist** on the homepage of the touch screen. Then select **Enter perpendicular parking space**.

8" Colour Info Display: when search for a parking slot, activate the system by pressing . Select Driving functions on the touch screen and then **Park Assist**. Select **Enter bay parking space**.

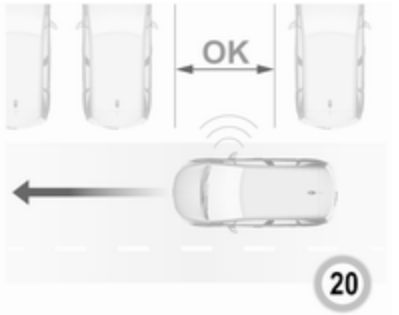
P illuminates in the instrument cluster to confirm the function.

Slow down the vehicle speed below 20 km/h.

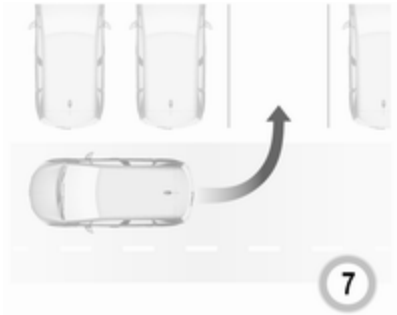
Select parking side by switching on turn light indicator on the respective side.

The allowed parallel distance between the vehicle and a row of parked cars is between 0.5 m and 1.5 m.

When several successive slots are found, the vehicle will be directed towards the last one.



When a free slot is detected, a visual feedback on the Colour Info Display and an acoustic signal is given. Stop the vehicle, select reverse gear, release the steering wheel and start moving without exceeding 7 km/h.



Move forwards and backwards as instructed by observing the warnings of the Parking assist and paying attention to the acoustic signals until the end of manoeuvre is indicated. When finished, P extinguishes in the instrument cluster.

During the parking manoeuvre, the system is automatically deactivated once the rear of the vehicle is within 50 cm of an obstacle.

Exiting a parallel parking slot

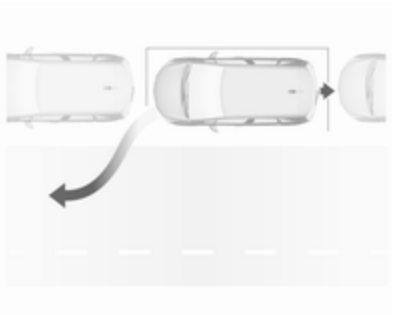
Activation

7" Colour Info Display: when exiting a parallel parking slot, activate the system by selecting **Park Assist** on the homepage of the touch screen. Then select **Exit parallel parking space**.

8" Colour Info Display: when exiting a parallel parking slot, activate the system by pressing . Select Driving functions on the touch screen and then **Park Assist**. Select **Exit parallel parking space**.

Select exit side by switching on the respective turn light indicator.

Engage reverse or forward gear, release the steering wheel and start moving without exceeding 5 km/h.



Move forwards and backwards while observing the warnings of the Parking assist until the end of manoeuvre is indicated. The manoeuvre is complete when the vehicle's front wheels are out of the parking slot and P extinguishes in the instrument cluster.

After deactivation check control over the vehicle.

Display indication

The instructions on the display show:

- General hints and warning messages.
- The demand to stop the vehicle, when a parking slot is detected.
- The direction of driving during the parking manoeuvre.
- The demand to shift into reverse or first gear.
- The demand to stop or to drive slowly.
- The successful completion of the parking manoeuvre indicated by a pop-up symbol and a chime.
- The cancelling of a parking manoeuvre.

Deactivation

The current park assist manoeuvre is cancelled via the button to return to the previous screen in the Colour Info Display. To deactivate the system completely, press **P Off** in the centre console.

The system is deactivated automatically:

- if the ignition is switched off
- if stalling the engine
- if no manoeuvre is started within 5 minutes of selection of the type of manoeuvre
- after a prolonged stop of the vehicle during a manoeuvre
- if the electronic stability control (ESC) is triggered
- if the speed of the vehicle exceeds the stated limit
- when the driver interrupts movement of the steering wheel
- after 4 manoeuvre cycles
- on opening the driver's door
- if one of the front wheels encounters an obstacle
- parking manoeuvre successfully ended

Deactivation by the driver or by the system during manoeuvring will be indicated on the display. Additionally, an acoustic signal sounds.

The system is switched off automatically when towing a electrically connected trailer.

Contact your dealer to switch off the system for a prolonged period.

Fault

In the event of a fault, P flashes for a few seconds, accompanied by an acoustic signal. If the fault occurs during the use of the system, P extinguishes.

In the event of a fault in the power steering, **!** flashes in the instrument panel, accompanied by a message.

⚠Warning

Under certain circumstances, various reflective surfaces on objects or clothing as well as external noise sources may cause the system to fail to detect obstacles.

Special attention must be paid to low obstacles which can damage the lower part of the bumper.

Caution

Performance of the system can be reduced when sensors are covered, e.g. by ice or snow.

Performance of the parking assist system can be reduced due to heavy loading.

Special conditions apply if there are taller vehicles in the vicinity (e.g. off-road vehicles, mini vans, vans). Object identification and correct distance indication in the upper part of these vehicles cannot be guaranteed.

Objects with a very small reflection cross-section, e.g. objects of narrow size or soft materials, may not be detected by the system.

Parking assist systems do not detect objects outside the detection range.

Note

It is possible that the sensor detects a non-existing object caused by echo disturbance from external acoustic noise or mechanical misalignments (sporadic false warnings may occur).

Make sure that the front number plate is properly mounted (not bent and no gaps to the bumper on the left or right side) and the sensors are firmly in place.

Advanced parking assist system may not respond to changes in the available parking space after initiating a parking manoeuvre. The system may recognize an entry, a gateway, a courtyard or even a crossing as a parking slot. After selecting reverse gear the system will start a parking manoeuvre. Take care regarding the availability of the suggested parking slot.

Surface irregularities, e.g. on construction zones, are not detected by the system. The driver accepts responsibility.

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.

Side blind spot alert uses some of the advanced parking assist sensors which are located in the front and rear bumper on both sides of the vehicle.

⚠ Warning

Side blind spot alert does not replace driver vision.

The system does not detect:

- vehicles outside the side blind zones which may be rapidly approaching
- pedestrians, cyclists or animals

Before changing a lane, always check all mirrors, look over the shoulder and use the turn light.

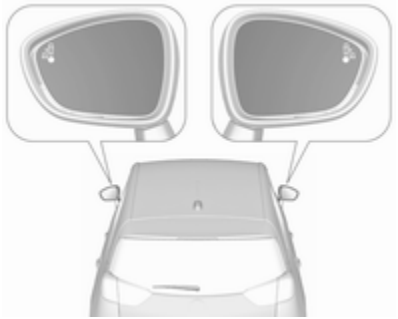
Activation

7" Colour Info Display: select **Blind spot monitoring** on the Info Display and activate the function.

8" Colour Info Display: press ⛭. Select Driving functions on the Info Display and then **Blind spot monitoring**. Activate the function.

illuminates continously green in the instrument cluster to confirm the function.

Functionality



When the system detects a vehicle in the side blind zone while driving forwards, an LED will illuminate in the relevant exterior mirror.

The LED comes on immediately when being passed.

The LED comes on after a delay when passing another vehicle slowly.

Operation conditions

The following conditions must be fulfilled for proper operation:

- all vehicles are moving in the same direction and in adjacent lanes
- the speed of your vehicle is between 12 and 140 km/h
- passing a vehicle with a speed difference of less than 10 km/h
- another vehicle is passing with a speed difference of less than 25 km/h
- the traffic flow is normal
- driving on a straight or slightly curved road
- the vehicle is not pulling a trailer

No alert will be given in the following situations:

- in the presence of non-moving objects, e.g. parked vehicles, barriers, street lamps, road signs
- with vehicles moving in the opposite direction
- driving on a winding road or a sharp corner
- when passing or being passed by a very long vehicle, e.g. lorry, coach, which is at the same time detected at the rear in the blind spot angle and present in the driver's forward field of vision
- in very heavy traffic: vehicles detected in front and behind are confused with a lorry or a stationary object
- when passing too quickly

Deactivation

The system is deactivated in the vehicle personalisation ⇨ 102. extinguishes in the instrument cluster. Additionally, an acoustic signal sounds

The state of the system is stored when switching off the ignition.

The system is automatically deactivated when towing an electrically connected trailer.

Due to adverse weather conditions such as heavy rain, false detections may occur.

Fault

In the event of a fault, flashes for a few moments in the instrument panel, accompanied by and a display message. Contact a dealer or a qualified workshop to have the system checked.

Panoramic view system

This system allows views of the vehicle's surroundings to be displayed as a nearly 180° picture in the Info Display, like a bird's eye view.

The system uses:

- rear camera, installed in the tailgate
- ultrasonic parking sensors in the rear bumper

The screen in the Info Display is divided into two parts: on the right there is a view from above the vehicle, and on the left there is the view from the rear displayed. The parking sensors complete the information on the view from above the vehicle.

Activation

Panoramic view system is activated by:

- engaging reverse gear
- driving up to 10 km/h

Functionality

Different views can be selected in the left part of the display. Change the type of view at any time during a manoeuvre by pressing the touch field in the left lower zone of the display:

- Rear view
- Auto mode
- Zoom view
- 180° view

The display is immediately updated with the type of view selected.

Auto mode is activated by default. In this mode, the system selects the best view, standard or zoom, to display according to the information from the parking sensors.

The state of the system is not kept in memory when the ignition is switched off.

Rear view

The area behind the vehicle is displayed in the screen. The vertical lines represent the width of the vehicle with mirrors unfolded. The direction of the lines changes with the position of the steering wheel.

The first horizontal line represents a distance of about 30 cm beyond the edge of vehicle's rear bumper. The upper horizontal lines represent distances of about 1 and 2 m beyond the edge of your vehicle's rear bumper.

This view is available in auto mode or in the view selection menu.

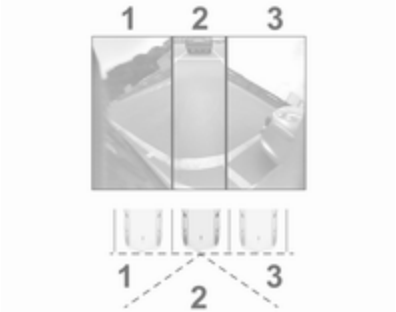
Auto mode

This mode is activated by default. Using sensors in the rear bumper, the automatic view changes from a rear view to a view from above, as an obstacle is approached during a manoeuvre.

Zoom view

The camera records the vehicle's surroundings during the manoeuvre in order to reconstruct a view from above the rear of the vehicle in its near surroundings, allowing the vehicle to be manoeuvred around obstacles nearby. This view is available with auto mode or in the view selection menu.

180° view



The 180° view facilitates reversing out of a parking bay, making it possible to see the approach of vehicles, pedestrians and cyclists. This view is not recommended for carrying out a complete manoeuvre. It is made up of three areas: left 1, centre 2 and right 3. This view is available from the view selection menu only.

Deactivation

Panoramic view system is deactivated when:

- driving faster than 10 km/h
- 7 seconds after disengaging reverse gear
- by pressing the icon ⊗ in the left upper corner of the touch screen
- opening the tailgate

General information

⚠Warning

The panoramic view system does not replace driver vision. It will not display children, pedestrians, cyclists, crossing traffic, animals, or any other objects outside of the camera view area, e. g. below the bumper, or underneath the vehicle.

Do not drive or park the vehicle using only the panoramic view system.

Always check the surrounding of the vehicle before driving.

Displayed images may be further or closer than they appear. The area displayed is limited and objects that are close to either edge of the bumper or under the bumper are not displayed on the screen.

System limitations

Caution

For optimal operation of the system, it is important to keep the lense of the camera in the tailgate between the number plate lights always clean. Rinse the lense with water and wipe with a soft cloth.

Do not clean the lense with a steam-jet or high-pressure jet cleaner.

The panoramic view system may not operate properly when:

- The surrounding is dark.
- The sun or the beam of headlights is shining directly into the camera lenses.
- During nighttime driving.
- Weather limits visibility, such as fog, rain, or snow.
- The camera lenses are blocked by snow, ice, slush, mud, dirt.
- The vehicle is towing a trailer.
- The vehicle had an accident.
- There are extreme temperature changes.

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.

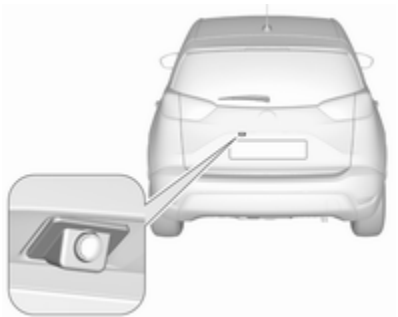
Do not reverse or park the vehicle using only the rear view camera.

Always check the surrounding of the vehicle before driving.

Switching on

Rear view camera is automatically activated when reverse gear is engaged.

Functionality



The camera is mounted above the licence plate.

The area displayed by the camera is limited. The distance of the image that appears on the display differs from the actual distance.

Guide lines

The vertical lines represent the general direction of the vehicle and the distance between the vertical lines corresponds to the width of your vehicle without mirrors. The first horizontal line represents a distance of about 30 cm beyond the edge of vehicle's rear bumper. The upper horizontal lines represent distances of about 1 and 2 m beyond the edge of your vehicle's rear bumper. The crossing curves represent the maximum turning circle.

Deactivation of guide lines

Guide lines can be deactivated in the Info Display. Select **Settings** ➧ **Vehicle** ➧ **Collision detection** ➧ **Rear view camera guide lines** ➧ ○.

Info Display ⇨ 97.

Vehicle personalisation ⇨ 102.

Switching off

The camera is switched off when a certain forward speed is exceeded or if reverse gear is disengaged for approx. 10 seconds.

System limitations

The rear view camera may not operate properly when:

- The surrounding is dark.
- The beam of headlights is shining directly into the camera lenses.
- During nighttime driving.
- Weather limits visibility, such as fog, rain, or snow.

- The camera lenses are blocked by snow, ice, slush, mud, dirt. Clean the lense, rinse with water, and wipe with a soft cloth.
- The tailgate will be opened.
- The vehicle is towing an electrically connected trailer.
- The vehicle had a rear end accident.
- There are extreme temperature changes.

Lane departure warning

The lane departure warning system observes the lane markings between which the vehicle is driving via a front camera. The system detects lane changes and warns the driver in the event of an unintended lane change via visual and acoustic signals.

Criteria for the detection of an unintended lane change are:

- No operation of turn lights.
- No brake pedal operation.
- No active accelerator operation or speeding-up.

If the driver is active, no warning will be issued.

Activation

The lane departure warning system is activated by pressing . The system is switched on when the LED in the button is not illuminated.

The system is only operable at vehicle speeds above 60 km/h and if lane markings are available.

When the system recognises an unintended lane change, the control indicator flashes yellow. Simultaneously a chime sound is activated.

Deactivation

The system is deactivated by pressing , the LED in the button illuminates.

At speeds below 60 km/h the system is inoperable.

Fault

In the event of a fault, appears in the instrument panel, accompanied by a display message. Contact a dealer or a qualified workshop to have the system checked.

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.

System limitations

The system performance may not operate properly when:

- Vehicle speed is below 60 km/h.
- Driving on winding or hilly roads.
- During nighttime driving.
- Weather limits visibility, such as fog, rain, or snow.
- The sensor in the windscreen is blocked by snow, ice, slush, mud, dirt, windscreen damage or affected by foreign items, e.g. stickers.
- The sun is shining directly into the camera lens.
- Close vehicles ahead.
- Banked roads.
- Road edges.
- Roads with poor lane markings.
- Sudden lighting changes.

Driver alert

The driver alert system monitores the driving time and the vigilance of the driver. Monitoring the vigilance of the driver is based on the trajectory variations of the vehicle compared to the lane markings.

The system includes a driving time alert combined with driver drowsiness detection.

⚠Warning

The system cannot replace the need for vigilance on the part of the driver. It is recommended that you take a break as soon as you feel tired or at least every two hours. Do not take the wheel if you are tired.

Activation or Deactivation

The system can be activated or deactivated in the vehicle personalisation ⇨ 102.

The state of the system stays in memory when the ignition is switched off.

Driving time alert

The driver gets notified by a pop-up reminder symbol in the Driver Information Centre simultaneously with an acoustic alert if the driver has not taken a break after 2 hours of driving at a speed above 65 km/h. The alert is repeated hourly until the vehicle is stopped, no matter how vehicle speed evolves.

The counting of driving time alert is reset when the ignition has been switched off for a few minutes.

Driver drowsiness detection

The system monitors the driver's level of vigilance. A camera at the top of the windscreen detects variations in trajectory compared to the lane markings. This system is particularly suited to fast roads (speed higher than 65 km/h).

If the trajectory of the vehicle suggests a certain level of drowsiness or inattention by the driver, the system triggers the first

level of alert. The driver is notified by a message and an audible signal is given.

After three first level alerts, the system triggers a new alert with a message, accompanied by a more pronounced audible signal.

In certain driving conditions (poor road surface or strong winds), the system may give alerts independent of the driver's level of vigilance.

The driver drowsiness detection is reinitialised when the ignition has been switched off for a few minutes or the speed remains below 65 km/h for a few minutes.

System limitations

In the following situations, the system may not operate properly or even not operate at all:

- Poor visibility caused by inadequate lighting of the roadway, falling snow, heavy rain, dense fog etc.
- Dazzle caused by headlamps of an oncoming vehicles, low sun, reflections on damp roads, leaving a tunnel, alternating shade and light etc.
- Windscreen area in front of the camera covered by dirt, snow, stickers etc.
- No lane markings detected or multiple lane markings due to roadworks
- Close vehicles ahead
- Winding roads or narrow roads

Fuel

Fuel for petrol engines

The petrol engines are compatible with bio-fuels that conform to current and future European standards and and can be obtained from filling stations:

Petrol that meets the EN228 standard, mixed with a biofuel meeting the EN15376 standard.

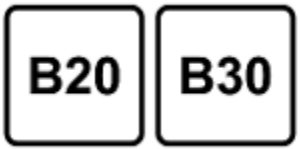
Fuel for diesel engines

The Diesel engines are compatible with bio-fuels that conform to current and future European standards and can be obtained from filling stations:

Diesel fuel that meets standard EN590 mixed with a biofuel that meets standard EN14214 (possibly containing up to 7% Fatty Acid Methyl Ester).

Diesel fuel that meets standard EN16734 mixed with a biofuel that meets standard EN14214 (possibly containing up to 10% Fatty Acid Methyl Ester).

Paraffinic Diesel fuel that meets standard EN15940 mixed with a biofuel that meets standard EN14214 (possibly containing up to 7% Fatty Acid Methyl Ester).



The use of B20 or B30 fuel meeting standard EN16709 is possible in your Diesel engines. However, this use, even occasional, requires strict application of the special servicing conditions referred to as "Arduous conditions".

For more information, contact a dealer or a qualified workshop.

Caution
The use of any other type of (bio) fuel (vegetable or animal oils, pure or diluted, domestic fuel etc.) is strictly prohibited (risk of damage to the engine and fuel system).

Note
The only Diesel additives authorised for use are those that meet the B715001 standard.

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 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 as a liquid at a pressure of approx. 5-10 bar.

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).

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 ⇨ 85.

Refuelling

⚠ Danger

Before refuelling, switch off ignition and any external heaters with combustion chambers.

Follow the operating and safety instructions of the filling station when refuelling.

⚠ 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.

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.

Caution
In case of misfuelling, do not switch on ignition.

Fuel filler flap is located at left rear side of vehicle.

The fuel filler flap can only be opened if the vehicle is unlocked. Release the fuel filler flap by pushing the flap.

Petrol and Diesel refuelling

To open, turn the cap slowly anticlockwise.

The fuel filler cap can be attached to the hook on the fuel filler flap.

Place the nozzle in straight position to the filler neck and press with slight force to insert.

To refuel, switch on pump nozzle.

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.

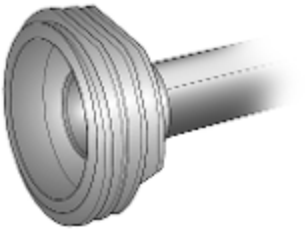
Close the flap and allow it to engage.

Liquid gas refuelling

Follow the operating and safety instructions of the filling station when refuelling.

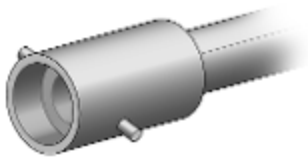
Filling adapter

As filling systems are not standardised, different adapters are required which are available from Opel Distributors and from Opel Service Partners.

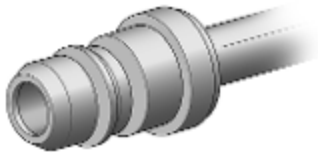


ACME adapter: Belgium, Germany, Ireland, Luxembourg, Switzerland

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

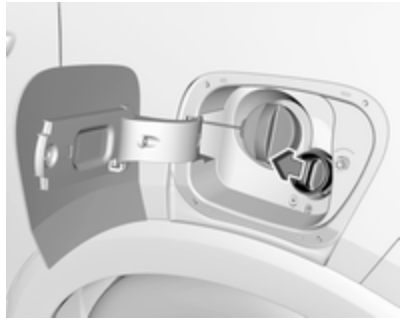


Bayonet adapter: Netherlands, Norway, Spain, United Kingdom



EURO adapter: Spain

The filling valve for the liquid gas is behind the fuel filler cap.



Remove 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.

12 minutes after switching off the ignition the system of the fuel-filling turns off. To restart it turn the ignition on and then off again.

Fuel filler cap

Only use genuine fuel filler caps.

Diesel-engined vehicles have special fuel filler caps.

Trailer hitch

General information

The factory-fitted towing equipment is folded up under the rear bumper fascia.

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. Only use towing equipment that has been approved for your vehicle.

To avoid vehicle damage, the power tailgate cannot be operated with the radio remote control when a trailer is electrically connected.

The bulb outage detection function for trailer brake light cannot detect a partial bulb outage. E.g. in case of four bulbs with a power of 5 W each, the function only detects lamp outage when only a single 5 W lamp remains or none remain.

Trailers equipped with LED lights are not suitable for the wiring harness of this trailer hitch.

Fitting of towing equipment could cover the opening of the towing eye. If this is the case use the coupling ball bar for towing.

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.

During trailer towing do not exceed a speed of 80 km/h. A maximum speed of 100 km/h is only appropriate if an oscillation damper is used and the permissible gross trailer weight does not exceed the vehicle's curb weight.

For trailers with low driving stability and caravan trailers, the use of an oscillation damper is strongly recommended.

If the trailer starts snaking, drive more slowly, do not attempt to correct the steering and brake sharply if necessary.

When driving downhill, drive in the same gear as if driving uphill and drive at a similar speed.

Adjust tyre pressure to the value specified for full load ⇨ 244.

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 m 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).

The permissible gross train weight must not be exceeded. This weight is specified on the identification plate ⇨ 233.

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 of 50 kg is specified on the towing equipment identification plate and in the vehicle documents. Always aim for the maximum load, especially in the case of heavy trailers. The vertical coupling load should never fall below 25 kg.

Rear axle load

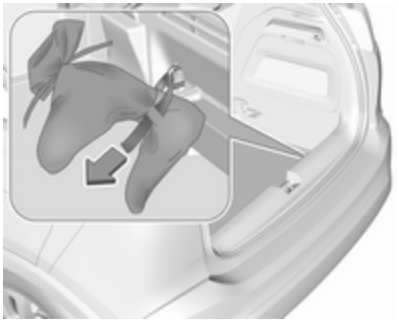
When the trailer is coupled and the towing vehicle fully loaded, the permissible rear axle load (see identification plate or vehicle documents) may be exceeded by 60 kg, the gross vehicle weight rating must not be exceeded. If the permissible rear axle load is exceeded, a maximum speed of 100 km/h applies.

Towing equipment

Caution
When operating without a trailer, remove the coupling ball bar.

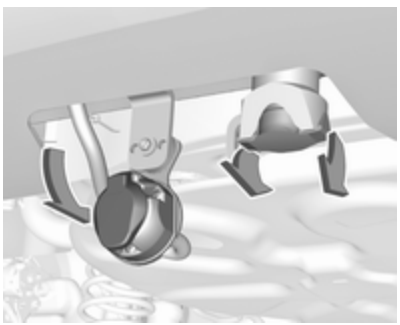
Stowage of coupling ball bar

The bag with the coupling ball bar is stowed on the rear floor cover in the load compartment.



Place the strap through the rear right lashing eye, wrap around twice and tighten the strap to secure the bag.

Fitting the coupling ball bar

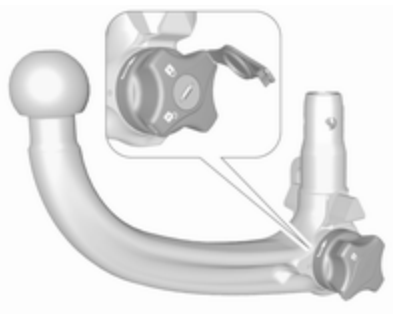


Swivel the connecting socket downwards. Remove the sealing plug from the opening for the coupling ball bar and stow it.

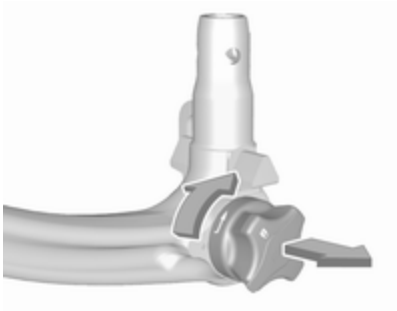
Checking the tensioning of the coupling ball bar

- 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 0.

Otherwise, the coupling ball bar must be tensioned before being inserted:

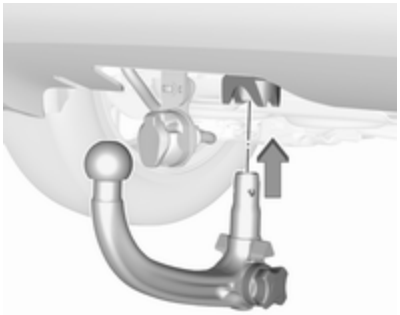


- Unlock coupling ball bar by turning key to position .



- Pull out rotary knob and turn clockwise as far as it will go.

Inserting the coupling ball bar



Insert the tensioned coupling ball bar in the opening and push firmly upwards until it audibly engages.

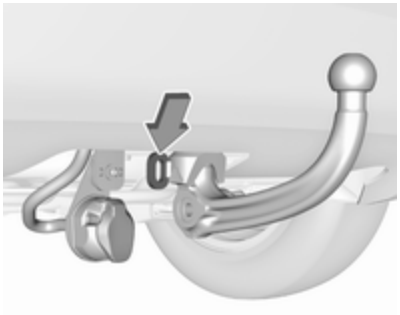
The rotary handle snaps back into its original position resting against the coupling ball bar without a gap.

⚠Warning

Do not touch rotary handle during insertion.

Lock the coupling ball bar by turning the key to position . Remove the key and close the protective flap.

Eye for break-away stopping cable



Attach breakaway stopping cable to eye.

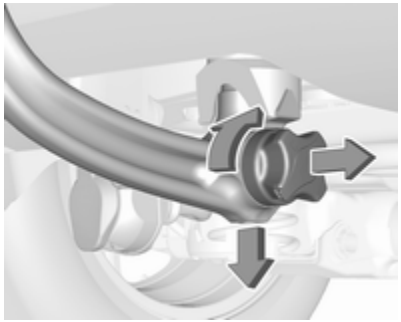
Check that the coupling ball bar is correctly installed

- 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 🔓 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.

Swivel the connecting socket upwards.

Stow the coupling ball bar in the bag and secure by fixing the strap through the rear right lashing eye. Wrap around twice and tighten the strap to secure the bag.

Vehicle care

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, CO_2 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.

Caution
When transporting the vehicle on a train or on a recovery vehicle, the mud flaps might be damaged.

Vehicle storage

Storage for a long period of time

If the vehicle is to be stored for several months:

- Wash and wax the vehicle.
- Have the wax in the engine compartment and underbody checked.
- Clean and preserve the rubber seals.
- Fill up fuel tank completely.
- Change the engine oil.
- Drain the washer fluid reservoir.
- Check the coolant antifreeze and corrosion protection.
- Adjust tyre pressure to the value specified for full load.
- Park the vehicle in a dry, well ventilated place. Engage first or reverse gear or set selector lever to **P**. Prevent the vehicle from rolling.
- Do not apply the parking brake.
- Open the bonnet, close all doors and lock the vehicle.
- Disconnect the clamp from the negative terminal of the vehicle battery. Beware that all systems are not functional, e.g. anti-theft alarm system.

Putting back into operation

When the vehicle is to be put back into operation:

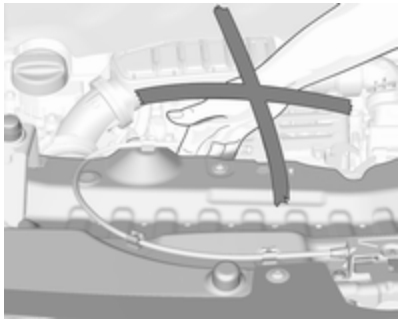
- Connect the clamp to the negative terminal of the vehicle battery. Activate the electronics of the power windows.
- Check tyre pressure.
- Fill up the washer fluid reservoir.
- Check the engine oil level.
- Check the coolant level.
- Fit the number plate if necessary.

End-of-life vehicle recovery

Information on end-of-life vehicle recovery centres and the recycling of end-of-life vehicles is available on our website, where legally required. Only entrust this work to an authorised recycling centre.

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.

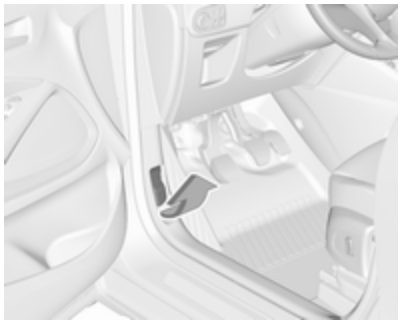
⚠Danger

The ignition system uses extremely high voltage. Do not touch.

Bonnet

Opening

Open the driver's door.



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.

Closing

Lower the bonnet and let it 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.

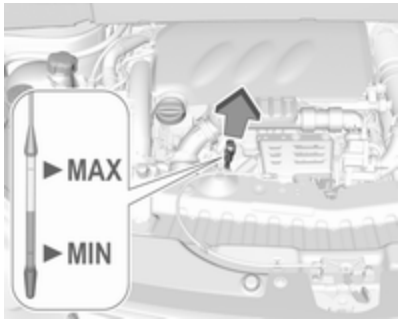
Engine oil

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 ⇨ 231.

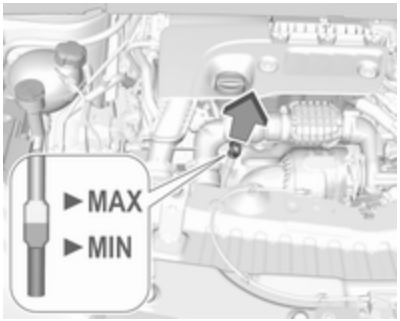
The maximum engine oil consumption is 0.6 l per 1000 km.

Check with the vehicle on a level surface. The engine must be at operating temperature and switched off for at least 5 minutes.



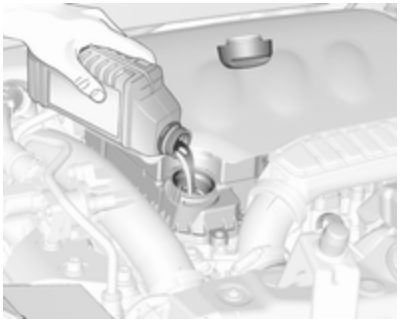
Pull out the dipstick, wipe it clean, reinsert it fully, pull out and read the engine oil level.

When the engine oil level has dropped to the **MIN** mark, top up the engine oil.



Different dipsticks are used depending on engine variant.

We recommend the use of the same grade of engine oil that was used at last change.



The engine oil level must not exceed the **MAX** mark on the dipstick.

Caution
Overfilled engine oil must be drained or suctioned out. If the oil exceeds the maximum level, do not start the vehicle and contact a workshop.

Capacities ⇨ 243.

Fit the cap on straight and tighten it.

Engine coolant

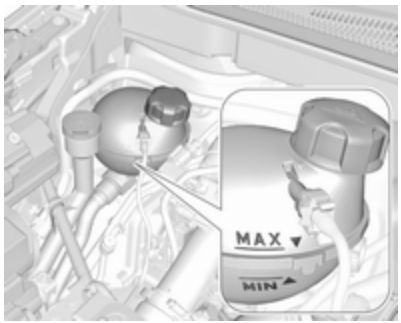
The coolant provides freeze protection down to approx. -37 °C.

Caution
Only use approved antifreeze.

Coolant and antifreeze ⇨ 231.

Coolant level

Caution
Too low a coolant level can cause engine damage.

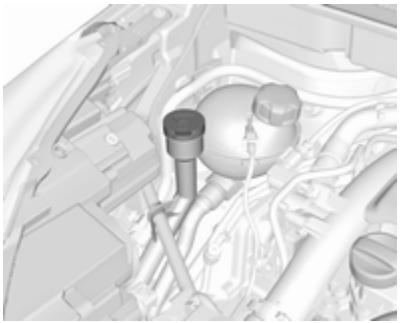


If the cooling system is cold, the coolant level should be above the **MIN** mark. Top up if the level is low.

⚠Warning
Allow the engine to cool before opening the cap. Carefully open the cap, relieving the pressure slowly.

To top up, use a 1:1 mixture of released coolant concentrate mixed with clean tap water. If no coolant concentrate is available, use clean tap water. Install the cap tightly. Have the coolant concentration checked and have the cause of the coolant loss remedied by a workshop.

Washer fluid



Fill with clean water mixed with a suitable quantity of approved windscreen washer fluid which contains antifreeze.

Caution
Only washer fluid with a sufficient antifreeze concentration provides protection at low temperatures or a sudden drop in temperature.

Washer fluid ⇨ 231.

Brakes

In the event of minimum thickness of the brake lining, a squealing noise sounds during braking.

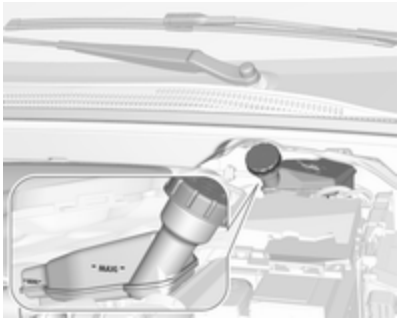
Continued driving is possible but have the brake lining replaced as soon as possible.

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 ⇨ 231.

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.

Battery discharge protection ⇨ 118.

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.

After having reconnected the battery of a vehicle equipped with an anti-theft alarm system, wait 10 minutes until you start the engine.

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.

Ensure that the battery is always replaced by the same type of battery.

The vehicle battery has to be replaced by a workshop.

Stop-start system ⇨ 137.

Charging the vehicle battery

⚠Warning

On vehicles with stop-start system, ensure that the charging potential does not exceed 14.6 V when using a battery charger. Otherwise the vehicle battery may be damaged.

Jump starting ⇨ 220.

Warning label

Meaning of symbols:

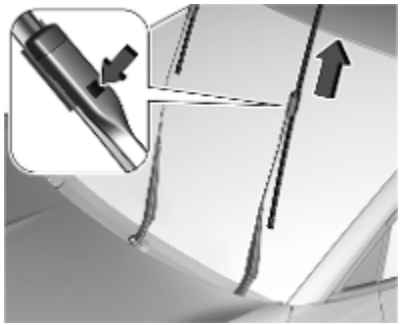
- No sparks, naked flames or smoking.
- Always shield eyes. Explosive gases can cause blindness or injury.
- Keep the vehicle battery out of reach of children.
- The vehicle battery contains sulphuric acid which could cause blindness or serious burn injuries.
- See the Owner's Manual for further information.
- Explosive gas may be present in the vicinity of the vehicle battery.

Diesel fuel system bleeding

If the tank has been run dry, the diesel fuel system must be bled. Switch on the ignition three times for 15 seconds at a time. Then crank the engine for a maximum of 40 seconds. Repeat this process after no less than 5 seconds. If the engine fails to start, seek the assistance of a workshop.

Wiper blade replacement

Windscreen



Switch off ignition.

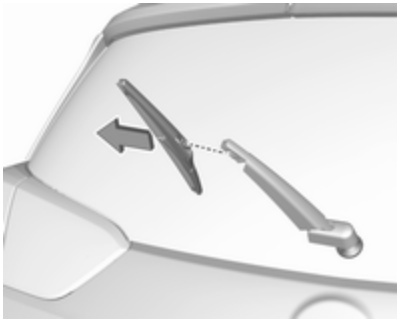
Within one minute after switching off ignition, operate the wiper lever to positon the wiper blades vertically on the windscreen.

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.

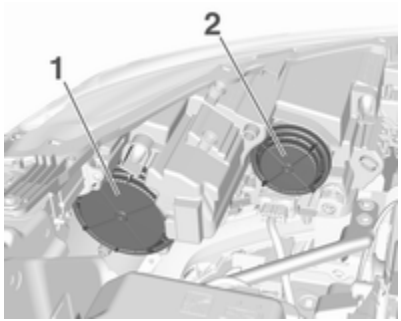
Use only the same bulb type for replacement.

Replace headlight bulbs from within the engine compartment.

Bulb check

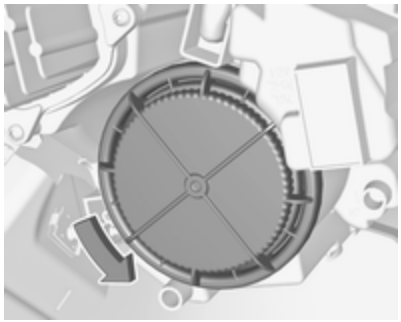
After a bulb replacement switch on the ignition, operate and check the lights.

Halogen headlights

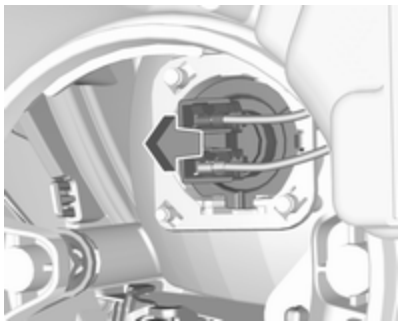


High beam, turn light (**1**)
Low beam (**2**)

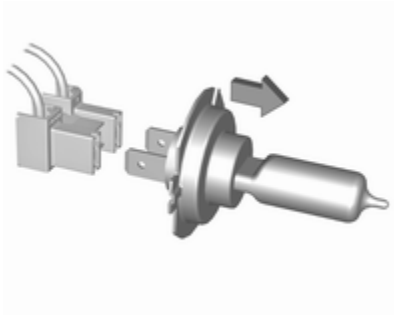
High beam



1. Rotate the cap (1) anticlockwise and remove it.

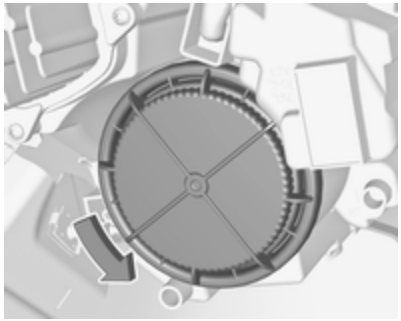


2. Withdraw the upper bulb holder from the reflector housing.



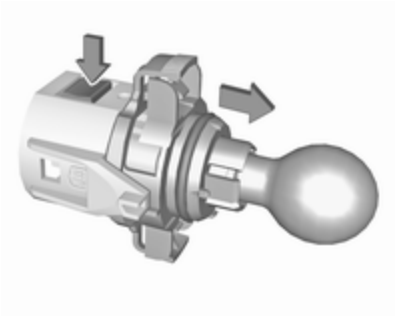
3. Remove the bulb from the plug connector by pulling.
4. Replace the bulb and connect it to the plug connector.
5. Insert and push the bulb holder into the reflector housing by setting the lug into position.
6. Fit the cap and rotate clockwise.

Turn light



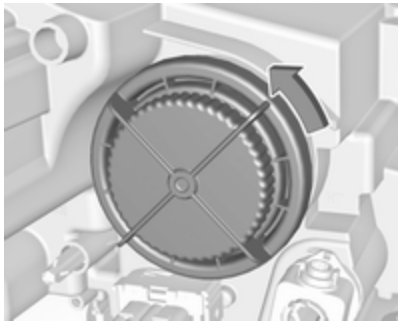
1. Rotate the cap (1) anticlockwise and remove it.

2. Rotate the lower bulb holder anticlockwise to disengage. Withdraw the bulb holder from the reflector housing.

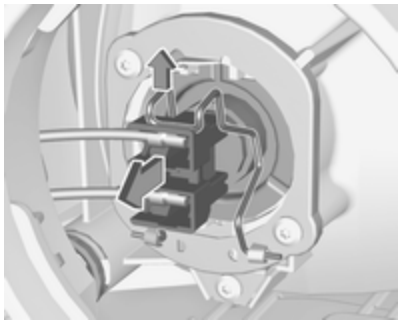


3. Press latch and remove the bulb from the bulb holder.
4. Replace the bulb and attach it to the bulb holder.
5. Insert the bulb holder into the reflector housing and rotate clockwise.
6. Fit the cap and rotate clockwise.

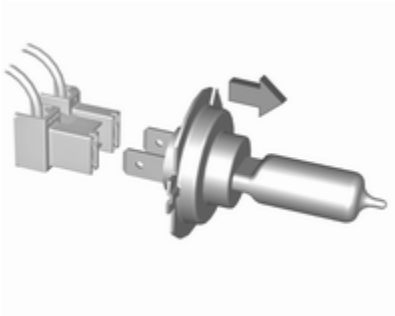
Low beam



1. Rotate the cap (2) anticlockwise and remove it.



2. Lift the retainer, then pull the plug connector backwards.
3. Fold down the retainer and remove the bulb from the reflector housing.



4. Replace the bulb and push it into the reflector housing by setting the lug into position.
5. Fold up the retainer and hold in position.
6. Attach the plug connector to the bulb and fix it with the retainer.
7. Fit the cap and rotate clockwise.

Sidelight / Daytime running light

In case of defective LEDs, have them replaced by a workshop.

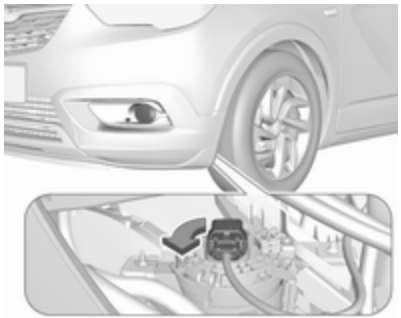
LED headlights

Headlights for low and high beam, sidelights, daytime running lights and turn lights are designed as LEDs and cannot be changed.

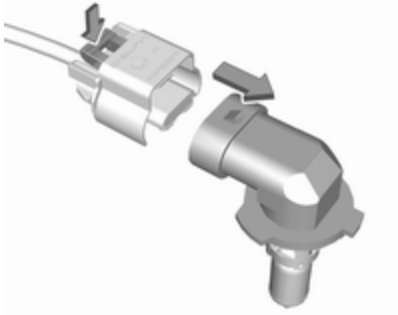
Have lights repaired by a workshop in case of failure.

Front fog lights

The bulbs are accessible from the underside of the vehicle.



1. Turn the bulb holder anti-clockwise and remove it from the reflector housing.



2. Disengage the bulb socket from the plug connector by pressing the retaining lug.
3. Remove and replace the bulb socket with bulb and attach the plug connector.
4. Insert the bulb socket into the reflector housing by turning clockwise and engage.

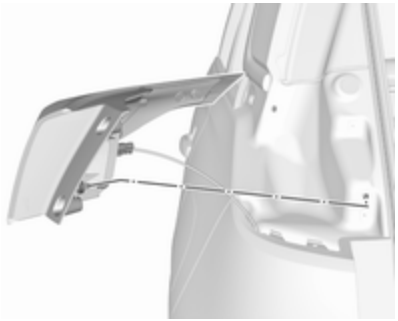
Tail lights

Depending on version, tail lights and brake lights are designed as LEDs. In case of failure, have LEDs replaced by a workshop.

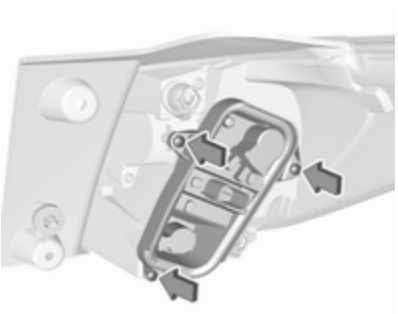
Light assembly in the body

Detaching the light assembly

1. Unscrew the two screws that secure the light assembly.

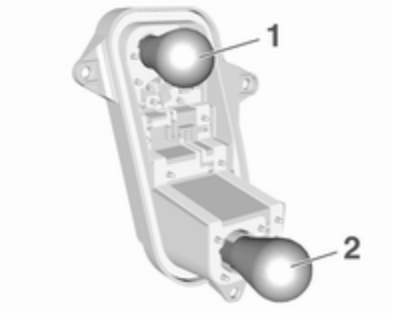


2. Remove the light assembly by pulling it straight back.



3. Remove the three screws that secure the bulb carrier.

4. **Version without LED**



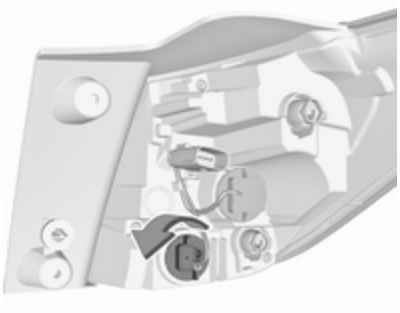
Remove the bulb by pulling and replace.

Tail light / Brake light (**1**)

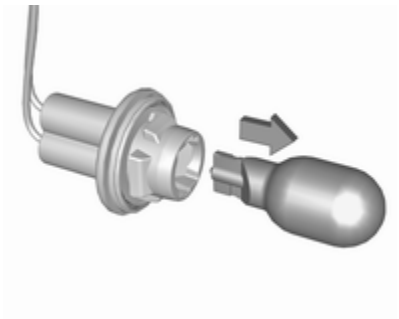
Turn light (**2**)

Version with LED

Only turn light bulb can be replaced.



Remove the bulb socket from the light assembly by turning it anticlockwise.

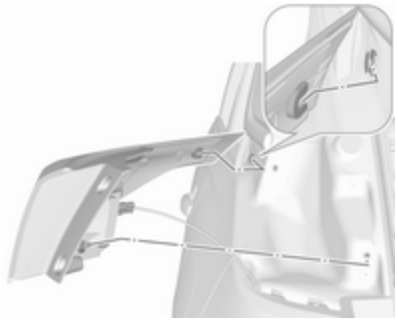


Remove the turn light bulb from the socket by pulling it straight out.

Replace bulb.

Attaching the light assembly

1. Attach the bulb carrier to the light assembly and secure with the three screws.

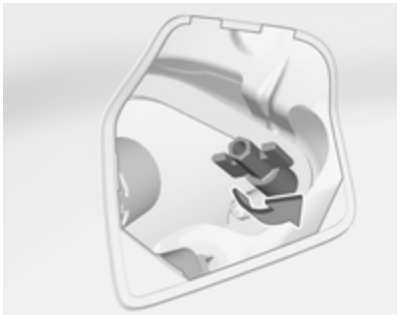


2. Attach the light assembly to the vehicle body as shown in the illustration and secure with the two screws.

Light assembly in the tailgate

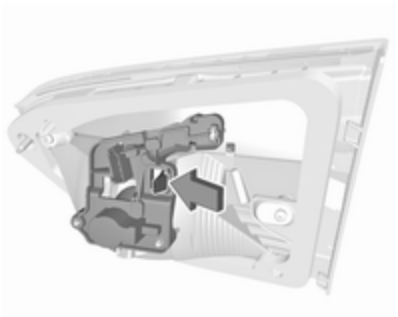
Detaching the light assembly

1. Release the cover in the tailgate and remove it.



2. Unscrew the plastic securing nut by hand.

3. Carefully withdraw the light assembly from the recesses and remove.



4. Press latch to release and remove bulb carrier.
5. **Version without LED**

Remove and replace the bulb:

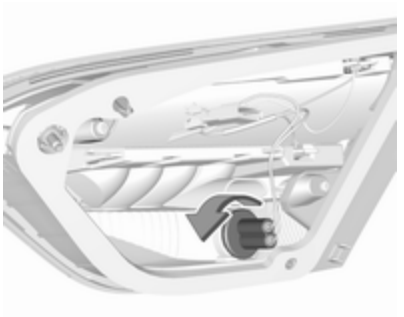
Tail light (**1**)

Rear fog light (left side), reverse light (right side) (**2**)

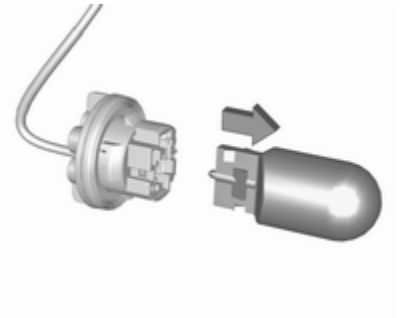
Rear fog light (right side), reverse light (left side) (**2**)

Version with LED

Only reverse light bulb can be replaced.



Remove the bulb socket from the light assembly by turning it anticlockwise.



Remove the bulb from the socket by pulling it straight out.

Replace bulb.

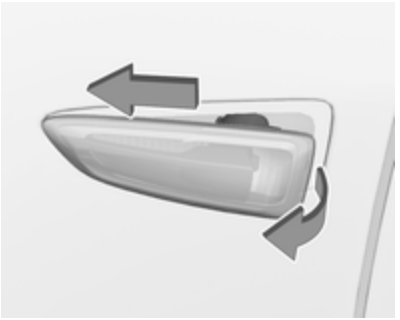
Attaching the light assembly

1. Attach bulb carrier to the light assembly.

2. Attach the light assembly to the tailgate.
3. Secure the light assembly with the plastic securing nut.
4. Attach the cover to the tailgate.

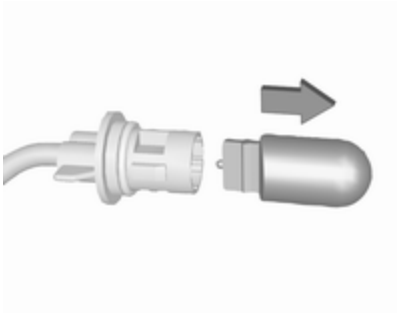
Side turn lights

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

The number plate light is designed as LEDs and cannot be changed. In case of defective LEDs, have them replaced by a workshop.

Interior lights

Have the following bulbs replaced by a workshop:

- courtesy light, reading lights
- load compartment light
- instrument panel illumination

Electrical system

Fuses

Data on the replacement fuse must match the data on the defective fuse.

There are three fuse boxes in the vehicle:

- engine compartment
- instrument panel

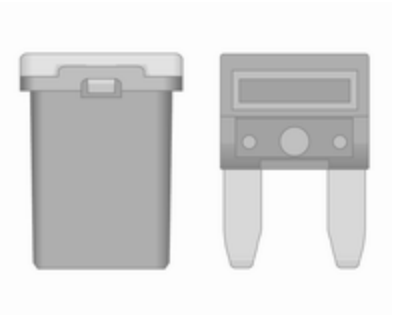
Before replacing a fuse, turn off the respective switch and the ignition.

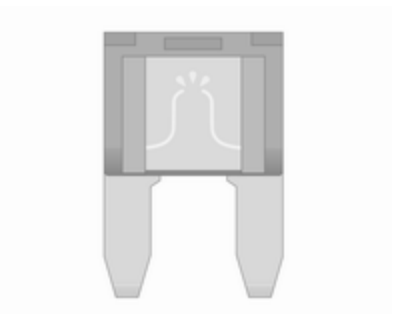
A blown fuse can be recognised by its melted wire.

Caution
Do not replace the fuse until the cause of the fault has been remedied.

Some functions are protected by several fuses.

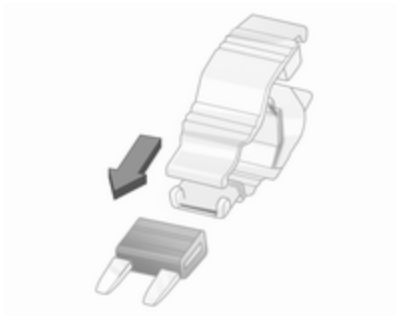
Fuses may also be inserted without existence of a function.





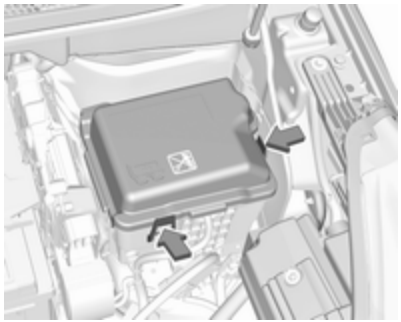
Fuse extractor

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 remove it.

No.	Circuit
1	Fan climate control system
2	–
3	Body fuse box
4	–
5	Instrument panel fuse box
6	Engine cooling unit
7	Body control module
8	Engine control fuel pump
9	Engine control

No.	Circuit
10	Engine control
11	Engine control
12	Engine cooling unit
13	Body control module
14	Intelligent battery sensor
15	–
16	Front fog lights
17	–
18	High beam right
19	High beam left
20	Engine control fuel pump
21	Starter
22	–
23	Starter
24	Trailer hitch
25	Instrument panel fuse box
26	Transmission control module
27	Body control module
28	Engine control module
29	Front wiper
30	Body control module

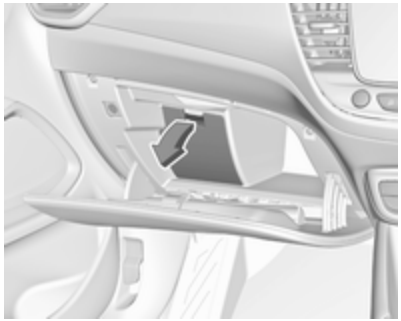
After having changed defective fuses, close the fuse box cover and press until it engages.

If the fuse box cover is not closed correctly, malfunction may occur.

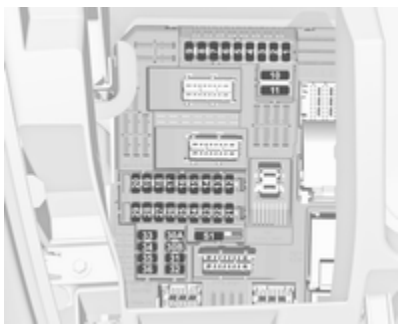
Instrument panel fuse box

Fuse box on the left side of the instrument panel

In left-hand drive vehicles, the fuse box is behind a cover in the instrument panel. Disengage cover at the side and remove.



In right-hand drive vehicles, the fuse box is located behind a cover in the glovebox. Open the glovebox and remove the cover.

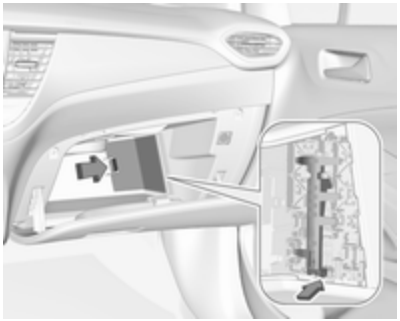


No.	Circuit
1	Interior mirror / Exhaust system / Electric power steering / Clutch sensor / LPG / Exterior mirror adjustment / Inductive charging
2	–
3	Trailer Hitch
4	Horn
5	Windscreen washer pump front / rear
6	Windscreen washer pump front / rear
7	Heated steering wheel
8	Rear wiper
9	–
10	Central locking system
11	Central locking system
12	Instrument cluster
13	Climate control system / USB

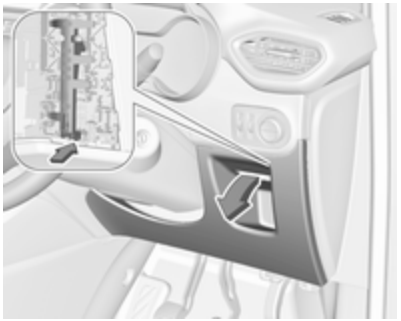
No.	Circuit
14	OnStar
15	Instrument cluster / Climate control system
16	Brake / Starter / Retained power off
17	Instrument cluster
18	Advanced parking assist
19	Top column module / Trailer control module
20	–
21	Anti-theft alarm system / Start button
22	Rain sensor / Camera
23	Door module
24	Advanced parking assist / Camera / Infotainment
25	Airbag
26	Top column module
27	Anti-theft alarm system

No.	Circuit
28	–
29	Infotainment
30	–
31	Infotainment
32	Power outlet front
33	–
34	Heated exterior mirrors / Door module
35	Instrument cluster / Light switch / Advanced parking assist / Transmission control module
36	Courtesy lights / Sunvisor lights / Glovebox light

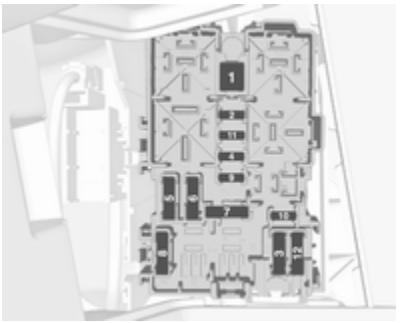
Fuse box on the right side of the instrument panel



In left-hand drive vehicles, the fuse box is located behind a cover in the glovebox. Open the glovebox and remove the cover. Remove the bracket.



In right-hand drive vehicles, the fuse box is behind a cover in the instrument panel. Disengage cover at the side and remove.

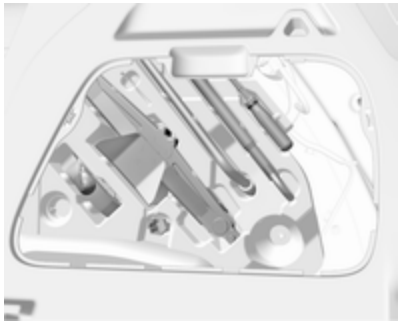


No.	Circuit
1	Heated rear window
2	Heated exterior mirrors
3	Front power window
4	Driver's door control unit
5	Rear power window
6	Heated seats
7	–
8	Infotainment
9	–
10	Power outlet rear
11	–
12	–

Vehicle tools

Tools

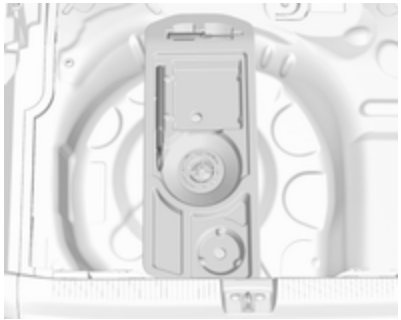
Vehicles with spare wheel



The jack, tools, a strap for securing a damaged wheel and the towing eye are placed in the tool box in the right wall of the load compartment.

Spare wheel ⇨ 216.

Vehicles without spare wheel



The screwdriver and the towing eye are located in a box below the floor cover in the load compartment.

Tyre repair kit ⇨ 212.

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.

In accordance with country-specific regulations, affix the speed sticker in the driver's field of view.

All tyre sizes are permitted as winter tyres ⇨ 244.

Tyre designations

E.g. **195/65 R 15 91 T**

195 : tyre width, mm
65 : cross-section ratio (tyre height to tyre width), %
R : belt type: Radial
RF : type: RunFlat
15 : wheel diameter, inches
91 : load index e.g. 95 is equivalent to 615 kg
T : 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 ⇨ 239.

Directional tyres

Directional tyres should be mounted so that they rotate in the correct direction. The proper rotation direction is indicated by a symbol (e.g. an arrow) on the sidewall.

Tyre pressure

Check the pressure of cold tyres at least every 14 days and before any long journey. Do not forget the spare wheel. This also applies to vehicles with tyre pressure monitoring system.

Tyre pressure ⇨ 244.

The tyre pressure information label on the left 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 drive axle and body style.
2. Identify the engine identifier code. Engine data ⇨ 238.
3. Identify the respective tyre.

The tyre pressure tables show all possible tyre combinations ⇨ 244.

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.

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.

Tyre deflation detection system

The tyre deflation detection system continually checks the rotation speed of all four wheels and warns on low tyre pressure condition once vehicle is driving. This is achieved by comparing tyre rolling circumference with reference values and further signals.

If a tyre loses pressure the control indicator (!) illuminates and a warning message is displayed in the Driver Information Centre.

In this case reduce speed, avoid sharp cornering and strong braking. Stop at next safe opportunity and check tyre pressure.

Control indicator ⓘ ⇨ 93.

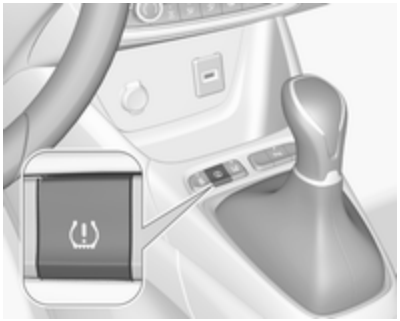
After adjusting tyre pressure initialise system to extinguish the control indicator and restart system.

Caution

Deflation detection system warns just about low tyre pressure condition and does not replace regular tyre maintenance by the driver.

In case of a system malfunction a message is displayed in the Driver Information Centre. Set correct tyre pressure and reinitialise system. If the failure continues to be displayed, contact a workshop. The system is inoperable when ABS or ESC has a malfunction or a temporary spare wheel is used. Once the road tyre has been refitted, check the tyre pressure with cold tyres and initialise the system.

System initialisation



After tyre pressure correction or wheel change, the system must be initialised to learn new circumference reference values:

1. Always ensure that all four tyres have correct tyre pressure ⇨ 244.
2. Apply manual parking brake.
3. Press ⓘ to reset deflation detection system.
4. Reset is confirmed by pop-up indication.

After initialisation system automatically calibrates to new tyre pressures during driving. After longer drive the system will adopt and monitor new pressures.

Always check tyre pressure with cold tyres.

System has to be reinitialised when:

- Tyre pressure has been changed
- Load condition has been changed
- Wheels have been swapped or exchanged

The system will not warn instantaneously on a tyre blow out or a rapid deflation. This is due to required calculation time.

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 tyre deflation detection system and make other vehicle modifications.

Tyre deflation detection system ⇨ 209.

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.

Wheel covers must not impair brake cooling.

⚠ 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 195/65 R15 91 and 195/60 R16 89

Temporary spare wheel

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 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**.

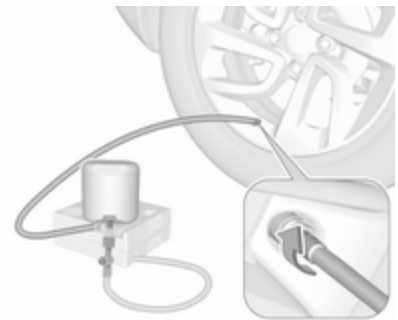
The tyre repair kit is in the load compartment below the floor cover.

1. Remove the sealant bottle and the compressor.
2. Pull speed limit label from sealant bottle and place it in driver's visible area.

3. Remove the electrical connection cable and air hose from the stowage compartments on the underside of the compressor.

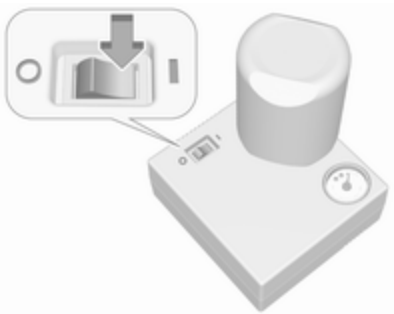
4. Screw the compressor air hose to the connection on the sealant bottle.
5. Fit the sealant bottle into the bracket on the compressor.

   Set the compressor near the tyre in such a way that the sealant bottle is upright.
6. Unscrew valve cap from defective tyre.



7. Screw the filler hose to the tyre valve.
8. The switch on the compressor must be set to O.
9. Connect the compressor plug to the power outlet or cigarette lighter socket.

   To avoid discharging the battery, we recommend running the engine.



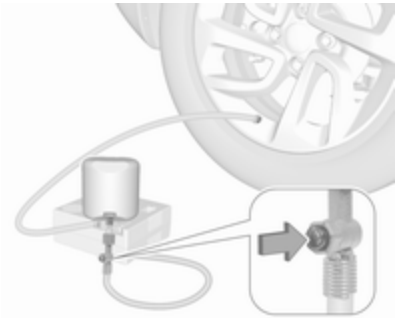
10. Set the rocker switch on the compressor to I. The tyre is filled with sealant.
11. The compressor pressure gauge briefly indicates up to 6 bar whilst the sealant bottle is emptying (approx. 30 seconds). Then the pressure starts to drop.

12. All of the sealant is pumped into the tyre. Then the tyre is being inflated.
13. The prescribed tyre pressure should be obtained within 10 minutes.

    Tyre pressure ⇨ 244.

    When the correct pressure is obtained, switch off the compressor.

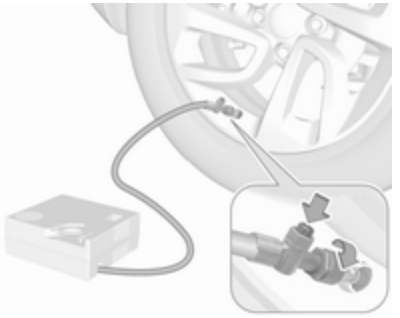
    If the prescribed tyre pressure is not obtained within 10 minutes, remove the tyre repair kit. Move the vehicle one tyre rotation. Reattach the tyre repair kit and continue the filling procedure for 10 minutes. If the prescribed tyre pressure is still not obtained, the tyre is too badly damaged. Seek the assistance of a workshop.



Drain excess tyre pressure with the button on the air hose.

Do not run the compressor longer than 10 minutes.

14. Detach the tyre repair kit. Remove sealant bottle from bracket. Screw the filler 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. Continue driving immediately so that sealant is evenly distributed in the tyre. After driving approx. 5 km (but no more than 10 min), stop and check tyre pressure. Screw compressor air hose directly onto tyre valve when doing this. Fill tyre as described before. Drain excess tyre pressure with the button on the air hose.

    If tyre pressure hasn't decreased under 1.5 bar, set it to the correct value. Otherwise the vehicle must not be used. Seek assistance of a workshop ⇨ 244.

Repeat the checking procedure once more after driving further 10 km (but no more than 10 minutes) to check that there is no more loss of pressure

If the tyre pressure has fallen below 1.5 bar, the vehicle must not be used. Seek the assistance of a workshop.

17. 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.

Wheel changing

Make the following preparations and observe the following information:

- Park the vehicle on a level, firm and non-skid surface. The front wheels must be in the straight-ahead position.
- If necessary, place a chock under the wheel diagonally opposite the wheel to be changed.
- Apply the parking brake and engage first gear, reverse gear or **P**.
- If the ground on which the vehicle is standing is soft, a solid board (max. 1 cm thick) should be placed under the jack.
- Take heavy objects out of the vehicle before jacking up.
- No people or animals may be in the vehicle when it is jacked-up.
- Never crawl under a jacked-up vehicle.
- Do not start the vehicle when it is raised on the jack.
- Before screwing in the wheel bolts, clean them.

⚠ Warning

Do not grease wheel bolts.

Tightening torques

Caution

If the vehicle is equipped with alloy wheels, tighten the wheel bolts manually at least for the first five turns.

There are two different types of wheels with two different bolts and tightening torques.

Tightening torque for alloy wheels is 100 Nm.

Tightening torque for steel wheels is 115 Nm.

Use the correct wheel bolts for the respective wheels.

Jacking positions

The jacking positions shown refer to the use of lifting arms and accessory jacks used for changing winter / summer tyres.

Rear arm position of the lifting platform centrically under the relevant vehicle jacking point.

Front arm position of the lifting platform centrically under the relevant vehicle jacking point.

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.

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.

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.

Caution
If driving with a temporary spare wheel, active emergency braking has to deactivated.

The temporary spare wheel is located in the load compartment beneath the floor covering.

To remove:

1. Open the floor cover.
2. The temporary spare wheel is secured with a wing nut. Unscrew nut and take out the spare wheel. There is a box with tools in the right wall of the load compartment.

   Vehicle tools ⇨ 207.
3. When, after a wheel change, no wheel is placed in the spare wheel well, fasten the wing nut and close the floor cover.
4. After a wheel change back to a full size wheel, place the spare wheel outside up in the well and secure with the wing nut.

Only mount one temporary spare wheel. The permissible maximum speed on the label on the temporary spare wheel is only valid for the factory-fitted tyre size.

Fitting the spare wheel

Make the following preparations and observe the following information:

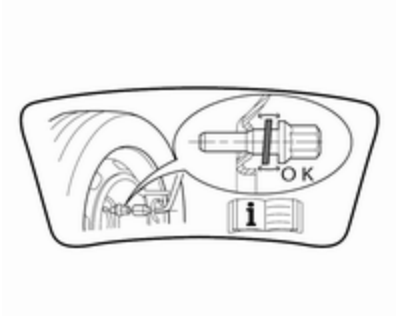
- Park the vehicle on a level, firm and non-skid surface. The front wheels must be in the straight-ahead position.
- If necessary, place a chock under the wheel diagonally opposite the wheel to be changed.
- Apply the parking brake and engage first gear, reverse gear or **P**.
- Remove the spare wheel.
- Never change more than one wheel at once.
- Use the jack only to change wheels in case of puncture, not for seasonal winter or summer tyre change.
- The jack is maintenance-free.
- If the ground on which the vehicle is standing is soft, a solid board (max. 1 cm thick) should be placed under the jack.
- Take heavy objects out of the vehicle before jacking up.
- No people or animals may be in the vehicle when it is jacked-up.
- Never crawl under a jacked-up vehicle.
- Do not start the vehicle when it is raised on the jack.
- Before screwing in the wheel bolts, clean them.

⚠Warning

Do not grease wheel bolts.

⚠Warning

Ensure to use always the correct wheel bolts if changing the wheels. When installing the spare wheel, the bolts for alloy wheels can also be used.



- Note that the spare wheel is secured by the conical contact of each bolt if the wheel bolts for the alloy wheels are used. In this case, the washers do not come into contact with the spare wheel.

1. Disengage wheel bolt caps with a screwdriver and remove.

   Steel wheels with cover: Pull off the wheel cover.

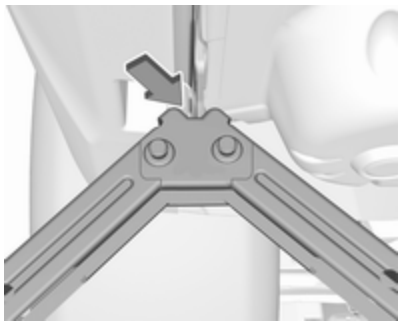
   Alloy wheels: Disengage wheel bolt caps with a screwdriver and remove. To protect the wheel, place a soft cloth between the screwdriver and the alloy wheel.

2. Fold out the wheel wrench and install ensuring that it locates securely and loosen each wheel bolt by half a turn.

   The wheels might be protected by locking wheel bolts. To loosen these specific bolts, first attach the adapter for the locking wheel bolts onto the head of the bolt before installing the wheel wrench. The adapter is located in the load compartment under the rear floor cover.

3. Ensure the jack is correctly positioned under the relevant vehicle jacking point.

4. Set the jack to the necessary height. Position it directly below the jacking point in a manner that prevents it from slipping.



Ensure that the edge of the body fits into the notch of the jack.

Attach wheel wrench and with the jack correctly aligned rotate wheel wrench until wheel is clear of the ground.

5. Unscrew the wheel nuts.
6. Change the wheel.
7. Screw on the wheel nuts.
8. Lower the vehicle and remove jack.
9. Install the wheel wrench ensuring that it is located securely and tighten each bolt in a crosswise sequence. Tightening torque is 100 Nm.

   If the vehicle is equipped with alloy wheels, note that the wheel bolts can also be used for the steel spare wheel. In this case, the spare wheel is secured by the conical contact of each bolt.
10. Align the valve hole in the wheel cover with the tyre valve before installing.

    Install wheel nut caps.
11. Stow and secure the replaced wheel, the vehicle tools ⇨ 207 and the adapter for the locking wheel nuts.
12. Check the tyre pressure of the installed tyre and the wheel nut torque as soon as possible.

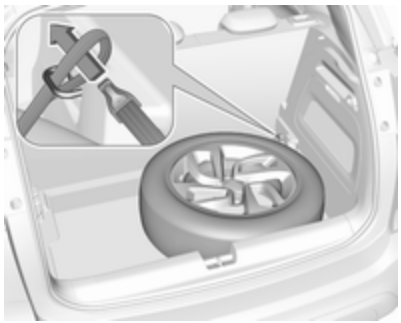
Stowing a damaged full size wheel in the load compartment

The spare wheel well is not designed for other tyre sizes than the temporary spare wheel. A damaged full size wheel must be stowed in the load compartment and secured with a strap.

Vehicle tools ⇨ 207.

To secure the wheel:

1. Position the wheel outside up close to one sidewall of the load compartment.



2. Place the loop end of the strap through the front lashing eye on the appropriate 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 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.

Jump starting

Do not start with quick charger.

A vehicle with a discharged vehicle battery can be started using jump leads and the vehicle battery of another vehicle.

⚠Warning

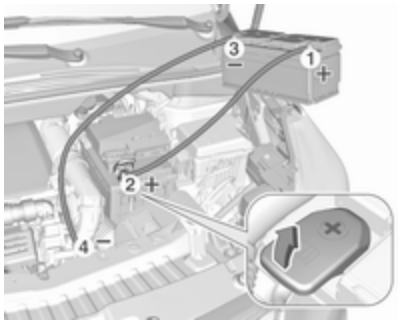
Be extremely careful when starting with jump leads. Any deviation from the following instructions can lead to injuries or damage caused by battery explosion or damage to the electrical systems of both vehicles.

⚠Warning

Avoid contact of the battery with eyes, skin, fabrics and painted surfaces. The fluid contains sulphuric acid which can cause injuries and damage in the event of direct contact.

- Never expose the vehicle battery to naked flames or sparks.

- A discharged vehicle battery can already freeze at a temperature of 0 °C. Defrost the frozen battery before connecting jump leads.
- Wear eye protection and protective clothing when handling a battery.
- Use a booster battery with the same voltage (12 V). 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 mm^2 (25 mm^2 for diesel engines).
- Do not disconnect the discharged vehicle battery from the vehicle.
- Switch off all unnecessary electrical consumers.
- Do not lean over the vehicle battery during jump starting.
- Do not allow the terminals of one lead to touch those of the other lead.
- The vehicles must not come into contact with each other during the jump starting process.
- Apply the parking brake, transmission in neutral, automatic transmission in **P**.



Open the positive terminal protection caps of both vehicle batteries.

Lead connection order:

1. Connect the red lead to the positive terminal of the booster 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:

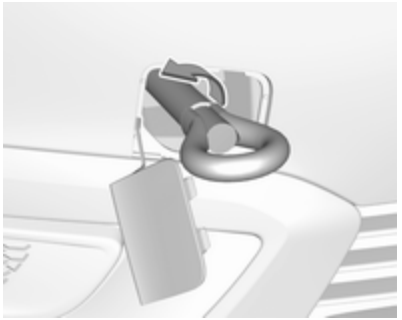
1. Start the engine of the vehicle providing the jump.
2. After 5 minutes, start the other engine. Start attempts should be made for no longer than 15 seconds at an interval of 1 minute.
3. Allow both engines to idle for approx. 3 minutes with the leads connected.
4. Switch on electrical consumers (e.g. headlights, heated rear window) of the vehicle receiving the jump start.
5. Reverse above sequence exactly when removing leads.

Towing

Towing the vehicle

Wrap a cloth around the tip of a flat screwdriver to prevent paint damage. Insert a screwdriver in the slot at the bottom of the cap. Release the cap by carefully moving the screwdriver downwards.

The towing eye is stowed with the vehicle tools ⇨ 207.



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 ⇨ 157, 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 with the outer flange into the recess and fix cap by pushing.

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 bottom of the cap. Release the cap by carefully moving the screwdriver downwards.

The towing eye is stowed with the vehicle tools ⇨ 207.

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 better still a tow rod – to the towing eye.

The towing eye must only be used for towing and not for recovering a vehicle.

Caution
Drive slowly. Do not drive jerkily. Excessive tractive force can damage the vehicle.

After towing, unscrew the towing eye.

Insert cap with the upper flange into the recess and fix cap by pushing.

Appearance care

Exterior care

Locks

The locks are lubricated at the factory using a high quality lock cylinder grease. Use a de-icing agent only when absolutely necessary, as this has a degreasing effect and impairs lock function. After using a de-icing agent, have the locks regreased by a workshop.

Washing

The paintwork of your vehicle is exposed to environmental influences. Wash and wax your vehicle regularly. When using automatic vehicle washes, select a programme that includes waxing.

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.

Wax painted parts of the vehicle regularly.

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

Switch off wipers before handling in their areas.

Use a soft lint-free cloth or chamois leather together with window cleaner and insect remover.

When cleaning the rear window from inside, always wipe in parallel to the heating element to prevent damage.

For mechanical removal of ice, use a sharp-edged ice scraper. Press the scraper firmly against the glass so that no dirt can get under it and scratch the glass.

Clean smearing wiper blades with a soft cloth and window cleaner.

Remove dirt residues from smearing wiper blades by using a soft cloth and window cleaner. Also make sure to remove any residues such as wax, insect residues and similar from the window.

Ice residues, pollution and continuous wiping on dry windows will damage or even destroy the wiper blades.

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

⚠ Danger

Liquid gas is heavier than air and can collect in sink points.

Take care when performing work at the underbody in a pit.

For painting work and when using a drying booth at a temperature above 60 °C, the liquid gas tank must be removed.

Do not make any modifications to the liquid gas system.

Towing equipment

Do not clean the coupling ball bar with a steam-jet or high-pressure jet cleaner.

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

Service 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.

Severe operating conditions exist if one or more of the following circumstances occur frequently: Cold starting, stop and go operation, e.g. for taxis and police vehicles, 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 indicated in the service display. Contact a workshop for customised service schedules.

Service display ⇨ 87.

Service intervals

Engine code	D12xE	D12xHL D12xHT	DV15DT DV15DTH
Country group 1	25,000 km / 1 year	25,000 km / 1 year	30,000 km / 1 year [1)]
Country group 2	25,000 km / 1 year	15,000 km / 1 year	30,000 km / 1 year [1)]
Country group 3	25,000 km / 1 year	15,000 km / 1 year	15,000 km / 1 year
Country group 4	15,000 km / 1 year		15,000 km / 1 year
Country group 5	10,000 km / 1 year		10,000 km / 1 year

1) Unless otherwise indicated in the service display.

Country Group 1:
Andorra, Austria, Belgium, Cyprus, Denmark, Finland, France, Germany, Greece, Iceland, Republic of Ireland, Italy, Liechtenstein, Luxembourg, Malta, Monaco, Netherlands, Norway, Portugal, San Marino, Spain, Sweden, Switzerland, United Kingdom.

Country Group 2:
Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, FYR of Macedonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia, Slovenia.

Country Group 3:
Albania, Montenegro, Serbia.

Country Group 4:
Israel, South Africa, Turkey.

Country Group 5:
All other countries which are not listed in the previous country groups.

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 aging control, whereas viscosity grade gives information on the oil's thickness over a temperature range.

Dexos is the newest engine oil quality that provides optimum protection for 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 ⇨ 235.

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 ⇨ 235.

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 ⇨ 235.

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. -37 °C. This concentration should be maintained all year round. The use of additional coolant additives that intend to give additional corrosion protection or seal against minor leaks can cause function problems. Liability for consequences resulting from the use of additional coolant additives will be rejected.

Washer fluid

Use only washer fluid approved for the vehicle to prevent damage of wiper blades, paintwork, plastic and rubber parts. Consult a workshop.

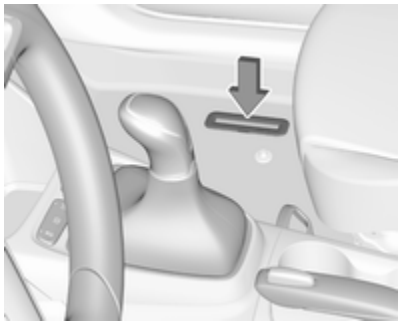
Brake and clutch fluid

Over time, brake fluid absorbs moisture which will reduce braking effectiveness. The brake fluid should therefore be replaced at the specified interval.

Technical data

Vehicle identification

Vehicle Identification Number

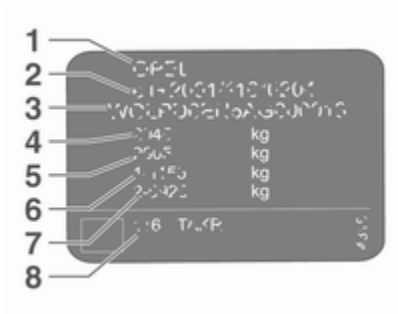


The Vehicle Identification Number may be stamped on the identification plate and on the floor pan, under the floor covering, visible under a cover.

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 ⇨ 238.

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.

Vehicle data

Recommended fluids and lubricants

European service schedule

Required engine oil quality

	All countries listed in country groups 1 to 3 ⇨ 228	
Engine oil quality	Petrol engines (including CNG, LPG, E85)	Diesel engines
dexos1 Gen2	✓	–
dexos2	–	✓

Diesel engines only: In case dexos quality is unavailable, you may use max. 1 l engine oil quality ACEA C3 once between each oil change.

Engine oil viscosity grades

	All countries listed in country groups 1 to 3 ⇨ 228
Ambient temperature	Petrol and diesel engines
down to -25 °C	SAE 0W-30 or SAE 0W-40
	SAE 5W-30 or SAE 5W-40
below -25 °C	SAE 0W-30 or SAE 0W-40

Service interval country group 4

Required engine oil quality

	Countries included in country group 4 ⇨ 228	
Engine oil quality	Petrol engines (including CNG, LPG, E85)	Diesel engines
dexos1 Gen2	✓	–
dexos2	–	✓

In case dexos quality is unavailable you may use the oil qualities listed below:

	Countries included in country group 4 ⇨ 228	
Engine oil quality	Petrol engines (including CNG, LPG, E85)	Diesel engines
ACEA A3/B4	–	✓
ACEA C3	–	✓

Engine oil viscosity grades

	Countries included in country group 4 ⇨ 228
Ambient temperature	Petrol and diesel engines
down to -25 °C	SAE 0W-30 or SAE 0W-40
	SAE 5W-30 or SAE 5W-40

	Countries included in country group 4 ⇨ 228
below -25 °C	SAE 0W-30 or SAE 0W-40
down to -20 °C	SAE 10W-30[1)] or SAE 10W-40 [1)]

1) Permitted, but usage of oils with dexos quality is recommended.

Engine data

Engine identifier code	D12xE	D12xHL	D12xHT
Sales designation	1.2	1.2 Turbo	1.2 Turbo
Engineering code	EB2FA	EB2ADT	EB2ADTS
Piston displacement [cm^3]	1199	1199	1199
Engine power [kW]	61	81	96
at rpm	5750	5500	5500
Torque [Nm]	118	205	230
at rpm	2750	1750	1750
Fuel type	Petrol	Petrol	Petrol
Octane rating RON[2)3)]			
recommended	95	95	95
possible	98	98	98
Additional fuel type	–	–	–

2) A country-specific label at the fuel filler flap can supersede the engine-specific requirement.
3) In certain countries, the use of a particular fuel, e.g. a specific octane rating, may be required to ensure proper engine operation.

Engine identifier code	D15DTH	D15DT
Sales designation	1.5	1.5
Engineering code	DV5RC	DV5RD
Piston displacement [cm^3]	1496	1496
Engine power [kW]	88	75
at rpm	4)	3500
Torque [Nm]	4)	250
at rpm	4)	1750
Fuel type	Diesel	Diesel
Additional fuel type	–	–

4) Not available at time of printing.

Performance

Engine	D12xE	D12xHL	D12xHT
Maximum speed [km/h]			
Manual transmission	170	4)	4)
Automatic transmission	–	4)	–

4) Not available at time of printing.

Engine	D15DT	D15DTH
Maximum speed [km/h]		
Manual transmission	4)	4)
Automatic transmission	–	–

4) Not available at time of printing.

Vehicle weight

Kerb weight, basic model without any optional equipment

	Engine	Manual transmission	Automatic transmission
without / with air conditioning [kg]	D12xE	1163/1174	–
	D12xHL	1234/1245[5)]	1278/1289
	D12xHT	1248/1259[6)]	–
	D15DT	1278/1289	–
	D15DTH	1278/1289	–

5) 81 kW
6) 96 kW

Optional equipment and accessories increase the kerb weight.

Loading information ⇨ 70.

Vehicle dimensions

	Crossland X
Length [mm]	4212
Width without exterior mirrors [mm]	1765
Width with two exterior mirrors [mm]	1976
Width with two exterior mirrors folded [mm]	1825
Height [mm]	1597
Length of load compartment floor [mm]	793
Length of load compartment with folded rear seats [mm]	1483
Load compartment width [mm]	947
Load compartment height with cover [mm]	584
Load compartment height without cover [mm]	894
Height of load compartment opening [mm]	712
Wheelbase [mm]	2604
Turning circle diameter [m]	11.2

Capacities

Engine oil

Engine	D12xE	D12xHL / D12xHT	D15DTH	D15DT
including filter [l]	3.25	3.5	4)	4)
between MIN and MAX [l]	1.0	1.0	4)	4)

4) Not available at time of printing.

Fuel tank

Petrol/diesel, refilling quantity [l]	45
Liquid gas LPG, refilling quantity [l]	36

AdBlue tank

AdBlue, refilling quantity [l]	14.8

Tyre pressures

Engine	Tyres	Comfort with up to 3 people		ECO with up to 3 people		With full load	
		front	rear	front	rear	front	rear
		[kPa/bar] ([psi])	[kPa/bar] ([psi])	[kPa/bar] ([psi])	[kPa/bar] ([psi])	[kPa/bar] ([psi])	[kPa/bar] ([psi])
D12xE	195/65 R15 91T, 195/60 R16 89H	230/2.3 (33)	230/2.3 (33)	250/2.5 (36)	250/2.5 (36)	240/2.4 (35)	290/2.9 (42)
	215/50 R17 91H	230/2.3 (33)	230/2.3 (33)	250/2.5 (36)	250/2.5 (36)	240/2.4 (35)	270/2.7 (39)
	205/60 R16 92H	230/2.3 (33)	230/2.3 (33)	250/2.5 (36)	250/2.5 (36)	240/2.4 (35)	270/2.7 (39)
D12xHT, D12xHL	[7] [4]						
D15DTH	[7] [4]						
D15DT	195/60 R16 89H	230/2.3 (33)	230/2.3 (33)	250/2.5 (36)	250/2.5 (36)	240/2.4 (35)	290/2.9 (42)
	215/50 R17 91H	230/2.3 (33)	230/2.3 (33)	250/2.5 (36)	250/2.5 (36)	240/2.4 (35)	270/2.7 (39)
	205/60 R16 92H	230/2.3 (33)	230/2.3 (33)	250/2.5 (36)	250/2.5 (36)	240/2.4 (35)	270/2.7 (39)
All	Temporary spare wheel 125/80 R16	420/4.2 (60)	420/4.2 (60)	–	–	420/4.2 (60)	420/4.2 (60)

[4] Not available at time of printing.
[7] The tyre pressure information label on the left door frame indicates the original equipment tyres and the correspondent tyre pressures.

Customer information

Customer information

Declaration of conformity

Tansmission 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.

Importer is
Opel / Vauxhall, Bahnhofsplatz, 65423 Ruesselsheim am Main, Germany.

Navi 5.0 IntelliLink
Continental

LCIE Bureau Veritas-Site de Fontenay aux Roses, 33 avenue du général Leclerc, 92260 Fontenay aux Roses, France

Operation frequency (MHz)	Maximum output (dBm)
2400.0 - 2483.5	2.2
2400.0 - 2483.5	15

Infotainment system R 4.0 IntelliLink
LG Electronics

European Shared Service center B.V.

Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Operation frequency:
2400.0 - 2483.5 MHz

Maximum output: 4 dBm

Infotainment system R 4.0
Clarion

244 rue du Pré à Varois, 54670 Custines, France

Operation frequency:
2400 - 2480 MHz

Maximum output: 4 dBm

OnStar module
LG Electronics

European Shared Service center B.V.

Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Operation frequency (MHz)	Maximum output (dBm)
2402 - 2480	4
2412 - 2462	18
880 - 915	33
1710 - 1785	24
1850 - 1910	24
1920 - 1980	24
2500 - 2570	23

Antenna module
Laird

Daimlerring 31, 31135 Hildesheim, Germany

Operation frequency: N/A

Maximum output: N/A

Radio remote control transmitter
Hülsbeck & Fürst GmbH & Co. KG

Steeger Str. 17, 42551 Velbert, Germany

Operation frequency: 433.92 MHz

Maximum output: 10 dBm

Radio remote control receiver
Delphi European, Middle Eastern & African Regional Offices Customer Technology

Center Avenue de Luxembourg, L-4940 Bascharage, G.D. of Luxembourg

Operation frequency:
119.0 - 128.6 kHz

Maximum output: 16dBµA/m @ 10m

Electronic key transmitter
Valeo

43 Rue Bayen, 75017 Paris, France

Operation frequency: 433.92 MHz

Maximum output: 10 dBm

Immobiliser
KOSTAL of America, Inc.

350 Stephenson Hwy, Troy MI 48083, USA

Operation frequency: 125 kHz

Maximum output: 5 dBµA/m at 10m

Wir leben Autos.

Konformitätserklärung

nach EG Richtlinie 2006/42/EG

Hiermit erklären wir, dass das Produkt:

Produktbezeichnung: Wagenheber

Typ/GM-Teilenummern: 3637376
Typ/PSA-Teilenummern: 9649243380

den Bestimmungen der Richtlinie 2006/42/EG entspricht.

Angewendete technische Normen:

GMN9737	Jacking
GM 14337	Standard Equipment Jack - Hardware Tests
GMW15005	Standard Equipment Jack and Spare Tire, Vehicle Test
ISO TS 16949	Qualitätsmanagementsystem

Der Unterzeichner ist Bevollmächtigter für die Zusammenstellung der technischen Unterlagen.

Rüsselsheim, 13. Dezember 2016

André-Alexander Konter
Engineering Group Manager Tire and Wheel Systems
Adam Opel AG

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: 3637376

Type/PSA part number: 9649243380

is in compliance with the provisions of Directive 2006/42/EC.

Applied technical standards:

GMN9737	:	jacking
GM 14337	:	standard equipment jack – hardware tests
GMW15005	:	standard equipment jack and spare tyre, vehicle test
ISO TS 16949	:	quality management systems

The signatory is authorised to compile the technical documentation.

Rüsselsheim, 13th December 2016

signed by

André-Alexander Konter

Engineering Group Manager Tyre and Wheel Systems

Adam Opel AG

D-65423 Rüsselsheim

ICASA type approval numbers

List of all Independent Communications Authority of South Africa (ICASA) type approval numbers:

TA-2016/121, TA-2016/3261, TA-2017/2387,TA-2017/2745, TA-2013/430, TA-2017/1106, TA-2016/929, TA-2017/3180

REACH

Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) is a European Union regulation adopted to improve the protection of human health and the environment from the risks that can be posed by chemicals. Visit www.opel.com/reach for further information and for access to the Article 33 communication.

Software acknowledgement

Certain OnStar components include libcurl and unzip software and other third party software. Below are the notices and licenses associated with libcurl and unzip and for other third party software please see http://www.lg.com/global/support/opensource/index.

libcurl

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unzip

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Software update

The Infotainment system can download and install selected software updates over a wireless connection.

Note
The availability of these over-the-air vehicle software updates varies by vehicle and country. Find more information on our home page.

Internet connection

Downloading over-the-air vehicle software updates requires internet connectivity, which can be accessed through the vehicle’s built-in OnStar connection or another password-protected Wi-Fi hotspot, e.g. provided by a mobile phone.

To connect the Infotainment system to a hotspot, select **Settings** on the home screen, **Wi-Fi** and then **Manage Wi-Fi Networks**. Select the desired Wi-Fi network, and follow the on-screen prompts.

Updates

The system will prompt for certain updates to be downloaded and installed. There is also an option to check for updates manually.

To manually check for updates, select **Settings** on the home screen, **Software Information** and then **System Update**. Follow the on-screen prompts.

Note
Steps for downloading and installing updates may vary by vehicle.

Note
During the installation process, the vehicle may not be operational.

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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.

The following contains general information about data processing in the vehicle. You will find additional information as to which specific data is uploaded, stored and passed on to third parties and for what purpose in your vehicle under the key word Data Protection closely linked to the references for the affected functional characteristics in the relevant owner's manual or in the general terms of sale. These are also available online.

Operating data in the vehicle

Control units process data for operation of the vehicle.

This data includes, for example:

- vehicle status information (e.g. speed, movement delay, lateral acceleration, wheel rotation rate, "seat belts fastened" display)
- ambient conditions (e.g. temperature, rain sensor, distance sensor)

As a rule such data is transient and is not stored for longer than an operational cycle, and only processed on board the vehicle itself. Often control units include data storage (including 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.

Depending on technical equipment levels, the data stored is as follows:

- system component operating states (e.g. fill level, tyre pressure, battery status)
- 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
- for electric vehicles the amount of charge in the high-voltage battery, estimated range

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 (e.g. repairs, maintenance), the operating data saved can be read together with the vehicle identification number and used where necessary. Staff working for the service network (e.g. garages, manufacturers) or third parties (e.g. breakdown services) can read the data from the vehicle. The same applies to warranty work and quality assurance measures.

Data is generally read via the OBD (On-Board Diagnostics) port prescribed by law in the vehicle. The operating data read 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 uses operating data from vehicles for product recalls. This data can also be used to check customer warranty and guarantee claims.

Fault memories in the vehicle can be reset by a service company when carrying out servicing or repairs or at your request.

Comfort and infotainment functions

Comfort settings and custom settings can be stored in the vehicle and changed or reset 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.

Proprietary services

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 a legally prescribed 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. This does not include statutory functions and services such as an emergency communication system.

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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The information contained in this publication is effective as of the date indicated below. Opel Automobile GmbH reserves the right to make changes to the technical specifications, features and design of the vehicles relative to the information in this publication as well as changes to the publication itself.

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