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Introduction
Introduction

Your vehicle is a combination of design, 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.

When this Owner's Manual refers to a workshop visit, we recommend your Chevrolet Authorised Repairer.

All Chevrolet Authorised Repairers provide first-class service at reasonable prices. Experienced technicians trained by Chevrolet work according to specific Chevrolet 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.
- The Owner's Manual uses the factory engine designations. The corresponding sales designations can be found in the section "Technical data".

- Directional data, e.g. left or right, or front or back, always relate to the direction of travel.
- The vehicle display screens may not support your specific language.

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

We wish you many hours of pleasurable driving

Chevrolet
In brief

Initial drive information

Vehicle unlocking

Radio remote control

Press button 🗝.
Unlocks all doors. The hazard warning flashers will flash twice.
Radio remote control ✧ 18, Central locking system ✧ 20.

Seat adjustment

Seat positioning

To move seat forward or backward, pull the handle and slide seat to desired position.
Release the handle and make sure the seat is locked in place.
Seat position ✧ 34, Seat adjustment ✧ 35.
In brief

**Seat backrests**
Pull lever, adjust inclination and release lever. Allow the seat to engage audibly.
Do not lean on seat when adjusting.
Seat position 34, Seat adjustment 35.

**Seat height**
Pump the lever on the outside of the seat cushion until the seat cushion is adjusted to the desired position.
To lower the seat cushion, push the lever down several times.
To raise the seat cushion, pull the lever up several times.
Seat position 34, Seat adjustment 35.

**Head restraint adjustment**
**Height adjustment**
Pull the head restraint upwards.
To move down press the catch (1) and push the head restraint downwards.
Head restraints 33.
In brief

Horizontal adjustment
Pull the head restraint forwards. It is adjusted to three positions. To move back pull the head restraint forwards. Then it is moved back automatically.

Seat belt
Withdraw belt from reel, guide it untwisted across the body and engage the latch plate in the buckle. Tension the lap belt regularly whilst driving by tugging the shoulder belt. Seat position ➤ 34, Seat belts ➤ 37, Airbag system ➤ 40.

Mirror adjustment
Interior mirror
To reduce dazzle, pull the lever on the underside of the mirror housing. Interior mirror ➤ 28.
**Exterior mirrors**

Select the relevant exterior mirror by turning the control to left (L) or right (R). Then swivel the control to adjust the mirror.


**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.

Airbag system ◇ 40, Ignition positions ◇ 162.
### Exterior lighting

- **Turn light switch.**
  - **OFF**: To turn off all lights, turn the knob to OFF position. All lights are off and the knob returns to its original AUTO position.
  - **AUTO**: Exterior lights and instrument panel lights are automatically turned on or off depending on external lighting conditions.
  - ****: The tail lights, number plate lights, instrument panel lights and parking lights are illuminated.

#### List of Features

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In brief

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

To switch from low to high beam, push lever.

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

High beam ► 91, Headlight flash ► 91.

**Hazard warning flashers**

Operated with the ▲ button.

Hazard warning flashers ► 92.
Turn and lane-change signals

lever up = right indicator
lever down = left indicator

Turn and lane-change signals 92.

Horn

Press 🎨.

Washer and wiper systems

Windscreen wiper

2: Continuous wipe, fast speed.
1: Continuous wipe, slow speed.
👤: Intermittent operation.
 процедура: System off.
🪣: Misting function.

For a single wipe when the windscreen wiper is off, lightly move the lever down and release it.
Windscreen wiper 64.
In brief

Windscreen washer system

Pull lever. Windscreen washer 64, Washer fluid 200.

Rear window wiper/washer (Hatchback only)

Wiper

Press the upward of switch to operate wiper continuous.
Press the downward of switch to operate wiper interval.
To turn off the wiper set the switch in neutral.
Rear window wiper/washer (Hatchback only) 66.

Washer

Push the lever toward the instrument panel.
Washer fluid is sprayed onto the rear window and the wiper swipes for a few strokes.
Rear window wiper/washer (Hatchback only) 66, Washer fluid 200.
Climate control

Heated rear window, heated exterior mirrors

Heating is operated by pressing the button.
Heated mirrors 28, Heated rear window 30.

Demisting and defrosting the windows

Turn the air distribution knob to DEFROST.
Defrosting windscreen 153,
Demisting windscreen 155.

Transmission

Manual transmission

To engage reverse, with the vehicle stationary pull up the ring on the selector lever and engage the gear.
If the gear does not engage, set the lever in neutral, release the clutch pedal and depress again; then repeat gear selection.
Manual transmission 171.
Automatic transmission

P (PARK): Locks the front wheels. Select P only when the vehicle is stationary and the parking brake is applied.

R (REVERSE): Select R only when the vehicle is stationary.

N (NEUTRAL): Neutral gear position.

D: For all normal driving conditions. Allows the transmission to shift into all 6 forward gears.

M: Manual mode position.

Starting off

Check before starting off

- Tyre pressure and condition.
- Engine oil level and fluid levels.
- All windows, mirrors, exterior lighting and number plates are free from dirt, snow and ice and are operational.
- Proper position of mirrors, seats, and seat belts.
- Check brake function at low speed, particularly if the brakes are wet.

Starting the engine

- Turn the key to position 1, move the steering wheel slightly to release the steering wheel lock
- Manual transmission: operate clutch
- Automatic transmission: Move selector lever to P or N
- Do not accelerate
Diesel engine: turn the key to position 2 for preheating until \(\text{\textdegree}\) goes out

Turn the key to position 3, depressing the clutch pedal and footbrake then release when engine is running

Before restarting or to switch off the engine, turn key back to 0.

---

**Parking**

- Do not park the vehicle on an easily ignitable surface. The high temperature of the exhaust system could ignite the surface.
- Always apply parking brake without pressing release button. Apply as firmly as possible on downhill or uphill slopes. Depress the footbrake at the same time to reduce operating force.
- Switch off the engine and ignition. Turn the steering wheel until the steering wheel lock engages.
- If the vehicle is on a level surface or uphill slope, engage first gear or P position before switching off the ignition. On an uphill slope, turn the front wheels away from the kerb. If the vehicle is on a downhill slope, engage reverse gear before switching off the ignition. Turn the front wheels towards the kerb.
- Close windows.
- Lock the vehicle and activate the anti-theft alarm system.

Keys \(\diamondsuit\) 18.
Keys, doors and windows

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Keys, locks

Keys

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  236.

Key with foldaway key section

To fold the key, press the button and fold the key manually.

Radio remote control

Press button to extend.
<Hatchback>
Used to operate:
■ Central locking system
■ Anti-theft alarm system
■ Boot lid (Notchback only)
The radio remote control has an approximate range of up to 30 metres. This range can be restricted by external influences. The hazard warning flashers confirm operation.
Handle with care, protect from moisture and high temperatures and avoid unnecessary operation.

Fault
If the central locking system cannot be operated with the radio remote control, it may be due to the following:
■ Range exceeded
■ Battery voltage 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

Radio remote control battery replacement
Replace the battery as soon as the range is noticeably diminished.

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

Key with foldaway key section

Note
Use CR2032 (or equivalent) replacement battery.
1. Open the transmitter cover.
2. Remove the used battery. Avoid touching the circuit board to other components.
3. Install the new battery. Be sure the negative side (-) faces down toward the base.
4. Close the transmitter cover.
5. Check the operation of the transmitter with your vehicle.

**Fixed key**
Have the battery replaced by a workshop.

**Caution**
Avoid touching the flat surfaces of the battery with your bare fingers as it will shorten battery life.

**Note**
Used lithium batteries can harm the environment.
Follow local recycling laws for disposal.
Do not discard with household refuse.

**Note**
In order to keep the transmitter working properly, follow these guidelines:

- Avoid dropping the transmitter.
- Do not place heavy objects on the transmitter.
- Keep the transmitter away from water and direct sunlight. If the transmitter gets wet, wipe it with a soft cloth.

**Manual door locks**
Manually locking by turning the key in the key slot allows central door locking.
Manually unlocking by turning the key in the key slot allows driver's door unlocking.

**Central locking system**
You can activate the central door locking system from the driver's door. This system allows you to lock and unlock all the doors, the tailgate (or boot lid) from the driver's door, using either keyless remote (from outside) or the central locking button (from inside). The fuel filler door might be locked together with all doors and the tailgate (or boot lid).

The key (from outside) and the drivers door locking PIN (from inside) allows central door locking.

If the driver's door is not closed properly, the central locking system can not work. This can be changed in the Vehicle Setting.

Vehicle personalisation 86.
Central locking button

Locks or unlocks all doors, the tailgate (or boot lid) and fuel filler door.

Press button ⬤ to lock.
Press button ⬣ to unlock.
If the driver's door is opened, driver's door and fuel filler door cannot be locked. It can be changed in the Vehicle Setting.
Vehicle personalisation 86.

Unlocking

Radio remote control

Press button ⬤.
Unlocks all doors. The hazard warning flashers will flash twice.
If unlocking the driver's door only or to change the unlock indication this can be changed in the Vehicle Setting.
Vehicle personalisation 86.

Locking

Radio remote control

Press button ⬤.
Locks all doors. Hazard warning flashers will flash once.
The lock indication can be changed in the Vehicle Setting.
Vehicle personalisation 86.
Unlocking the boot lid (Notchback only)

Press button 🚪.
The boot lid will unlock and open while all doors remain locked.

Deadlock
For further protection when leaving the vehicle, you can deadlock the doors.
Deadlocking electronically jams all the electric locks so that no door can be opened, even if entry is gained by breaking glass.

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

To engage deadlock, press button on the radio remote control twice in succession within 5 seconds.
To disengage deadlock, press button on the radio remote control.

Note
Deadlock function operates when all doors, the tailgate (or boot lid) and fuel filler door are closed.
Disengaging the deadlock occurs when unlocking the doors in the normal way.

Child locks

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

Caution
Do not pull the inside door handle while the child security door lock is set to LOCK position. To do so can damage the inside door handle.
You can use a key or suitable screwdriver.
To operate the child security door lock, turn the child locks into horizontal position.
To open a rear door when the child security door lock is activated, open the door from the outside.
To cancel the child security door lock, turn the child locks into vertical position.

**Doors**

**Load compartment**

**Boot lid (Notchback)**

**Opening**

*<Type 1>*

To open the boot lid, push the touchpad when the boot lid is unlocked.
The boot lid is also opened by pressing button 🛠️ on the radio remote control.

*<Type 2>*

The boot lid is locked or unlocked when all doors are locked or unlocked with the radio remote control.

To unlock the boot lid, insert the key into the key slot and turn it clockwise. Lift the boot lid.
You can also open the boot lid by pulling up the boot lid release lever located near the driver's seat.

### Warning
Do not drive with the tailgate open or ajar, e.g. when transporting bulky objects, as toxic exhaust gases, could enter the vehicle.

<table>
<thead>
<tr>
<th>Caution</th>
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<tr>
<td>Before opening the boot lid check overhead obstructions, such as a garage door, to avoid damage of the boot lid. Always check the moving area above and behind the boot lid.</td>
</tr>
</tbody>
</table>

### Note
When the engine is running, the boot lid can be opened with shift lever in "P" position (automatic transmission) or the parking brake applied (manual transmission).

### Caution
Make sure that your hands and any other body parts, as well as those of other persons are completely away from the boot lid closure area.

### Tailgate (Hatchback)

#### Opening

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<td>To close the boot lid, push it down so it latches securely. If necessary, do not press the touchpad while closing. It can cause opening again.</td>
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</table>

<table>
<thead>
<tr>
<th>Type 2</th>
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</table>
| To close the boot lid, push it down so it latches securely.

#### Caution

Note
The installation of certain heavy accessories onto the boot lid may affect its ability to remain open.
To open the tailgate, push the touchpad when the tailgate is unlocked.

The tailgate is locked or unlocked when all doors are locked or unlocked with the radio remote control.

<Type 2>

To unlock the tailgate, insert the key into the key slot and turn it anticlockwise. Lift the tailgate.

⚠️ **Warning**

Do not drive with the tailgate open or ajar, e.g. when transporting bulky objects, as toxic exhaust gases, could enter the vehicle.

**Caution**

Before opening the tailgate check overhead obstructions, such as a garage door, to avoid damage of the tailgate. Always check the moving area above and behind the tailgate.

**Note**

When the engine is running, the tailgate can be opened with shift lever in "P" position (automatic transmission) or the parking brake applied (manual transmission).

**Note**

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

Closing

<Type 1>

To close the tailgate, push it down so it latches securely.

Do not press the touchpad while closing. It can cause opening again.

<Type 2>

To close the tailgate, push it down so it latches securely.

**Caution**

Make sure that your hands and any other body parts, as well as those of other persons are completely away from the tailgate closure area.
Vehicle security

Anti-theft alarm system

Activation

Press button 🟡 on the radio remote control.
The anti-theft alarm system is active automatically after 30 seconds.
The indicator flashes quickly during initial 30 seconds and then starts to flash slowly.

If the indicator still flashes quickly after initial 30 seconds, the driver's doors is not completely closed or there is a system fault. Seek the assistance of a workshop.

Deactivation

Unlocking the vehicle by pressing button 🟢 on the radio remote control deactivates the anti-theft alarm system.

Alarm

The alarm can be silenced by pressing any button of the radio remote control or by switching on the ignition.
The anti-theft alarm system can be deactivated by pressing the button 🟢 or switching on the ignition.

Auto door locking

If any of the doors is not opened or the position of the ignition key is not located in ACC or ON within 3 minutes after unlocking doors using the transmitter, all doors are locked and the anti-theft alarm system is activated automatically.

Automatic door unlocking

All doors will be automatically unlocked when impact is delivered to impact sensors while the ignition is switched on.
However, the doors may not be unlocked if mechanical problems occur with the door locking system or battery.

Immobiliser

The immobiliser system provides an additional theft deterrent to the vehicle in which it is installed and prevents it from being started by unauthorised persons. The valid key for a vehicle equipped with an immobiliser system is an ignition key with integrated transponder, which is electronically coded. The transponder is placed invisibly in the ignition key.

Only valid ignition keys can be used to start the engine.
Invalid keys may only open the doors.
The engine is automatically immobilised after the key is turned to LOCK and has been removed from the ignition switch.

If the immobiliser system detects a fault when the ignition switch is in ON position, the immobiliser indicator will flash or illuminate and the engine will not start.

Have the vehicle checked by your authorised repairer.

**Note**
Tap the key lock or heat the key if the door does not open due to a frozen key slot in the event of cold weather conditions.

---

**Exterior mirrors**

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

**Manual adjustment**
Adjust the outside rearview mirrors so you can see each side of your vehicle, as well as each side of the road behind you.

**Electric adjustment**
Select the relevant exterior mirror by turning the control to left (L) or right (R). Then swivel the control to adjust the mirror.

When the position is in "o", no mirror is selected.
Folding mirrors

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

⚠️ Warning

Always keep your mirrors properly adjusted, and use them while driving to increase your visibility of objects and other vehicles around you. Do not drive while either outside rearview mirror is folded back.

Heated mirrors

Operated by pressing the button. Heating works with the engine running and is switched off automatically after a few minutes or by pressing the button again.

⚠️ Warning

Your view through the mirror may lose some clarity when it is adjusted for night vision. Take special care with using your inside rearview mirror when it is adjusted for night vision.

Interior mirrors

Manual anti-dazzle

To reduce dazzle, adjust the lever on the underside of the mirror housing.
Failure to ensure a clear rear view while driving may result in a collision causing damage to your vehicle or other property and/or personal injury.

Windows

Manual windows

The door windows can be opened or closed with the window winders.

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.

Power windows can be operated with ignition on. Operate the switch for the respective window by pushing to open or pulling to close.
Operation
You may operate the power windows when the ignition is switched on by using the power window switches on each door panel.

To open the window, press down on the switch.

To close the window, lift up on the switch.

Release the switch when the window reaches the desired position.

⚠️ Warning
Body parts outside the vehicle can be struck by passing objects. Keep all parts of body inside vehicle.

Children can operate and become entrapped in power windows.

Do not leave your keys or unattended children in your car.

Serious injury or death can occur from misuse of power windows.

Child safety system for rear windows

Press switch 🅗️ to deactivate rear door power windows. To activate press 🅗️ again.

Heated rear window

Operated by pressing the ❄️ button. Heating works with the engine running and is switched off automatically after a few minutes or by pressing the button again.
**Caution**

Do not use sharp instruments or abrasive window cleaners on your vehicle's rear window.

Do not scratch or damage the defroster wires when you clean or work around the rear window.

---

**Sun visors**

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

If the sun visors have integral mirrors, the mirror covers should be closed when driving.

---

**Warning**

Do not place the sun visor in such a manner that it obscures visibility of the roadway, traffic or other objects.

---

**Roof**

**Sunroof**

---

**Warning**

Take care when operating the sunroof. Risk of injury, particularly to children.

Keep a close eye on the movable parts when operating them. Ensure that nothing becomes trapped in them as they move.

Sunroof can be operated with ignition on.

---

**Open or close**

To open the sunroof, press the switch (1). The sunroof is opened automatically. To stop movement, press any of the switches once more. To open to a desired position, press and hold the switch (1). Release the switch when the sunroof reaches the desired position. To close the sunroof, press and hold the switch (2) until the sunroof is closed.

**Raise or close**

To open the sunroof with tilting function, press and hold the switch (2). Release the switch when the sunroof reaches the desired position. To close the sunroof, press and hold the switch (1) until the sunroof is closed.

**Sunblind**

The sunblind is manually operated. Close or open the sunblind by sliding.
When the sunroof is open, the sunblind is always open.

⚠️ Warning

Body parts outside vehicle can be struck by passing objects. Keep all parts of body inside vehicle. Serious injury or death can occur from misuse of sunroof.
Head restraints

Position

⚠️ Warning

Only drive with the head restraint set to the proper position.
 Removed or improperly adjusted head restraints can result in serious head and neck injuries in case of a collision.
 Make sure that the head restraint are readjusted before driving.

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

Pull the head restraint upwards. To move down press the catch (1) and push the head restraint downwards.

Removing
Raise head restraint fully.

Seats, restraints

Head restraints ......................... 33
Front seats .............................. 34
Seat belts ............................... 37
Airbag system .......................... 40
Child restraints ......................... 47
Press the catches (1) and (2) at the same time.
Pull up the head restraint.

**Horizontal adjustment**

Pull the head restraint forwards. It is adjusted to three positions. To move back pull the head restraint forwards. Then it is moved automatically backwards.

**Head restraints on rear seats**

**Height adjustment**

Pull the head restraint upwards. To move down press the catch (1) and push the head restraint downwards.

**Removing**

Raise head restraint fully.
Press the catches (1) and (2) at the same time.
Pull up the head restraint.

---

**Front seats**

**Seat position**

<table>
<thead>
<tr>
<th>△ Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Only drive with the seat correctly adjusted.</td>
</tr>
</tbody>
</table>

- Sit with buttocks as far back against the backrest as possible. Adjust the distance between the seat and the pedals so that legs are slightly angled when pressing the pedals. Slide the front passenger seat as far back as possible.
■ 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 the steering wheel 63.

■ 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.

■ Adjust the head restraint 33.

■ Adjust the height of the seat belt 38.

---

**Seat adjustment**

<table>
<thead>
<tr>
<th>Danger</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not sit nearer than 25 cm to the steering wheel, to permit safe airbag deployment.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Never adjust seats while driving as they could move uncontrollably.</td>
</tr>
</tbody>
</table>

---

**Seat positioning**

To move seat forward or backward, pull the handle and slide seat to desired position. Release the handle and make sure the seat is locked in place.

---

**Seat backrests**

Pull lever, adjust inclination and release lever. Allow the seat to engage audibly. Do not lean on seat when adjusting.
Pump the lever on the outside of the seat cushion until the seat cushion is adjusted to the desired position.
To lower the seat cushion, push the lever down several times.
To raise the seat cushion, pull the lever up several times.

The seat heater buttons are located in the climate control buttons.
Seat heating is operational when the engine is running.
To warm the seat, press the button that you want to warm.
The indicator in the button will be illuminated.
To turn the seat heater off, press the button again.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prolonged use of the highest setting for people with sensitive skin is not recommended.</td>
</tr>
</tbody>
</table>
Seat belts

The belts are locked during heavy acceleration or deceleration of the vehicle for the safety of the occupants.

⚠️ 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. They are not suitable for people smaller than 150 cm. Child restraint system ⚫ 47.

Periodically check all parts of the belt system for damage 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 ⚫ 75.

Belt force limiters

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

⚠️ Warning

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

Deployment of the belt pretensioners is indicated by illumination of control indicator ⚫ 75.

Belt tensioners

In the event of a head-on or side or rear-end collision of a certain severity, the front seat belts are tightened.
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 vehicle type approval.

### Three-point seat belt

#### Fastening

Withdraw the belt from the retractor, guide it untwisted across the body and insert the latch plate into the buckle.

Tighten the lap belt regularly whilst driving by pulling the shoulder belt. Seat belt reminder \( \Phi \) 75.

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.

1. Press button.
2. Adjust height and engage.

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

---

**Warning**

The belt must not rest against hard or fragile objects in the pockets of your clothing.
Caution
Do not adjust while driving.

Removing

To release belt, press red button on belt buckle.

Seat belts on the rear seats
The seat belt for the rear centre seat can only be withdrawn from the retractor if the backrest is in the rear position.

Seat belt use during pregnancy

In addition, when a seat belt is worn properly, it is more likely that the unborn child will be safe in a crash. To provide maximum protection, a pregnant woman should wear a seat belt. She should wear the lap portion of the belt as low as possible throughout her pregnancy.

⚠️ Warning

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

Seat belts work for everyone, including pregnant women. Like all occupants, pregnant women are more likely to be seriously injured if they do not wear seat belts.
Airbag system

The airbag system consists of a number of individual systems. When triggered the airbags inflate within milliseconds. They also deflate so quickly that it is often unnoticeable during the collision.

⚠️ Warning

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

The driver should sit back as far as possible while still maintaining control of the vehicle. If you are sitting too close to the airbag, it can cause death or serious injury when it inflates.

For maximum safety protection in all types of crashes, all occupants including the driver should always wear their seat belts to minimise the risk of severe injury or death in the event of a crash. Do not sit or lean unnecessarily close to the airbag while the vehicle is in motion.

The airbag may cause facial or body scratch, injury by broken glasses or getting burnt by explosion while airbag is deployed.

Note

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

Do not put any magnetic objects in this area.

Do not stick anything on the airbag covers and do not cover them with other materials.

Each airbag is triggered only once. Have deployed airbags replaced by a workshop.

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

⚠️ Danger

Never allow children or infants and pregnant women and the old and the weak sit in the front passenger seats fitted with airbags.

Furthermore, do not drive with a baby seat fitted thereon. In case of an accident, the impact from the inflated airbag can cause facial injury or death.

In the event of airbag deployment have the steering wheel, the instrument panel, all panelling parts, the door seals, the handles and the seats replaced by a workshop.

When an airbag deploys, there may be a loud noise and smoke. These conditions are normal and are not dangerous but it may stimulate skin of the passenger. If the stimulation is persistent, contact a doctor.
Caution

If the vehicle is impacted by bumps or objects on unpaved roads or sidewalks, the airbags may inflate. Drive slowly on surfaces not designed for vehicle traffic to prevent unintended airbag deployment.

When the airbags inflate, escaping hot gases may cause burns.

Control indicator  for airbag systems 75.

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 dzieciecego 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 öndünde bir AKTİF HAVA YASTIĞI ile korunmakta olan bir koltukta kullanmayınız. ÇOCUK ÖLEBİLİR veya AĞIR ŞEKİLDE YARALANABİLİR.

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

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

HR: NIKADA nemojte koristiti sustav zadražavanja za djecu okrenuto prema natrag na sjedalu s AKTIVNIM ZRAČNIM JASTUKOM ispred njega, to bi moglo dovesti do SMRTI ili OZBILJNIJIH OZLJEDA za DJETE.

SL: NIKOLI ne nameščajte otroškega varnostnega sedeža, obrnjenega v nasprotni smeri vožnje, na sedež z AKTIVNO ČELNO ZRAČNO
Seats, restraints

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 VÂTĂMAREA GRAVĂ a COPILULUI.

CS: NIKDY nepoužívejte dětský záříňční 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 atgrižtos vaiko tvirtinimo sistemos sėdynėje, prieš kurią įrengta AKTYVI ORO PAGALVĖ, nes VAIKAS GALI ŽŪTI arba RIMTAI SUSIŽALOTI.

LV: NEKĀDĀ GADIJUMĀ neizmantojiet uz aizmuguri vērstu bērnu sēdekļi 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 vói TÖSiSE VIGASTUSE.

Beyond the warning required by ECE R94.02, for safety reasons neither use a forward facing child restraint system on the passenger seat with active front airbag.

Airbag deactivation

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 an accident of a certain severity. The ignition must be on.
The forward movement of the front seat occupants is retarded, thereby considerably reducing the risk of injury to the upper body and head.

**Warning**

Optimum protection is only provided when the seat is in the proper position 34.

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

Fit the seat belt correctly and engage securely. Only then the airbag is 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 an accident of a certain severity. The ignition must be on.

---

The risk of injury to the upper body and pelvis in the event of a side-on collision is considerably reduced.

**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.
**Warning**

Children who are seated in close proximity to a side airbag may be at risk of serious or fatal injury if the airbag deploys, especially if the child’s head, neck, or chest is close to the airbag at the time of deployment.

Never let your child lean on the door or close to the side airbag module.

---

**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 an accident of a certain severity. The ignition must be on.

The risk of injury to the head in the event of a side impact is considerably reduced.

---

**Warning**

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

---

**Airbag deactivation**

The front passenger airbag system has to be deactivated if a child restraint system is to be fitted on this seat. The side airbag and curtain airbag systems, the belt tensioners and all driver airbag systems will remain active.
Front passenger airbag system can be deactivated via a lock on the side of the instrument panel, visible when the front passenger door is open.

⚠️ Warning

Deactivate front passenger airbag system when the front passenger seat is occupied by a child.

Activate front passenger airbag system when an adult is on the front passenger seat.

Use the ignition key to choose the position:

- \( \text{off} \) = front passenger airbag are deactivated and will not inflate in the event of a collision. Control indicator \( \text{off} \) illuminates continuously. A child restraint system can be installed in accordance with the chart.

- \( \text{on} \) = front passenger airbag are active. No child restraint system may be installed.

As long as the control indicator \( \text{off} \) is not illuminated, the front passenger airbag system will inflate in the event of a collision.

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

Status remains until the next change. Control indicator for airbag deactivation \( \Rightarrow 75 \).
Child restraints

Child restraint systems

We recommend the GM child restraint system which is geared specifically to the vehicle.

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.

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>When using a child restraint system on the front passenger’s seat, the airbag systems for the front passenger’s seat must be deactivated; if not, the triggering of the airbags poses a risk of fatal injury to the child.</td>
</tr>
</tbody>
</table>

This is especially the case if rear-facing child restraint systems are used on the front passenger’s seat.

Airbag deactivation ⦿ 45.
Airbag label ⦿ 40.

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.

Children under the age of 12 years that are smaller than 150 cm are only allowed to travel in a restraint system that is suitable for the child. Suitable are restraint systems that comply with valid UN ECE regulations. Since a proper position of the belt is rarely possible with a child that is smaller than 150 cm, we strongly advise to use an appropriate child restraint system, even though this might due to the age of the child no longer be legally binding.

Check local laws and regulations for mandatory use of child restraint systems.

Never carry a child whilst travelling in the vehicle. The child will become too heavy to hold in the event of a collision.

When transporting children, use the child restraint systems suitable for the child's weight.

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 stick 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.

Please ensure that infants and children are seated in the rear seats using child restraints.

Until the children can use seat belts, please select a child restraint suitable for its age and make sure the child wears it. Please see the instructions on the relevant products for child restraints.
# Child restraint installation locations

## Permissible options for fitting a child restraint system

<table>
<thead>
<tr>
<th>Weight and age class</th>
<th>On front passenger seat</th>
<th>On rear outboard seats</th>
<th>On rear centre seat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Group 0: up to 10 kg or approx. 10 months</strong></td>
<td>activated airbag: X</td>
<td>deactivated airbag: U¹</td>
<td>U</td>
</tr>
<tr>
<td><strong>Group 0+: up to 13 kg or approx. 2 years</strong></td>
<td>activated airbag: X</td>
<td>deactivated airbag: U¹</td>
<td>U</td>
</tr>
<tr>
<td><strong>Group I: 9 to 18 kg or approx. 8 months to 4 years</strong></td>
<td>activated airbag: X</td>
<td>deactivated airbag: U¹</td>
<td>U</td>
</tr>
<tr>
<td><strong>Group II: 15 to 25 kg or approx. 3 to 7 years</strong></td>
<td>activated airbag: X</td>
<td>deactivated airbag: X</td>
<td>U</td>
</tr>
<tr>
<td><strong>Group III: 22 to 36 kg or approx. 6 to 12 years</strong></td>
<td>activated airbag: X</td>
<td>deactivated airbag: X</td>
<td>U</td>
</tr>
</tbody>
</table>

¹ = If the child restraint system is being secured using a three-point seat belt, ensure that the vehicle seat belt runs forwards from the upper anchorage point.

U = Universal suitability in conjunction with three-point seat belt.

X = No child restraint system permitted in this weight class.
Permissible options for fitting an ISOFIX child restraint system

<table>
<thead>
<tr>
<th>Weight class</th>
<th>Size class</th>
<th>Fixture</th>
<th>On front passenger seat</th>
<th>On rear outboard seats</th>
<th>On rear centre seat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 0: up to 10 kg</td>
<td>E</td>
<td>ISO/R1</td>
<td>X</td>
<td>IL</td>
<td>X</td>
</tr>
<tr>
<td>Group 0+: up to 13 kg</td>
<td>E</td>
<td>ISO/R1</td>
<td>X</td>
<td>IL</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>D</td>
<td>ISO/R2</td>
<td>X</td>
<td>IL</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>C</td>
<td>ISO/R3</td>
<td>X</td>
<td>IL¹</td>
<td>X</td>
</tr>
<tr>
<td>Group I: 9 to 18 kg</td>
<td>D</td>
<td>ISO/R2</td>
<td>X</td>
<td>IL</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>C</td>
<td>ISO/R3</td>
<td>X</td>
<td>IL¹</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>B</td>
<td>ISO/F2</td>
<td>X</td>
<td>IL, IUF</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>B1</td>
<td>ISO/F2X</td>
<td>X</td>
<td>IL, IUF</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>ISO/F3</td>
<td>X</td>
<td>IL, IUF</td>
<td>X</td>
</tr>
<tr>
<td>Group II: 15 to 25 kg</td>
<td>X</td>
<td></td>
<td>X</td>
<td>IL</td>
<td>X</td>
</tr>
<tr>
<td>or approx. 3 to 7 years</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group III: 22 to 36 kg</td>
<td>X</td>
<td></td>
<td>X</td>
<td>IL</td>
<td>X</td>
</tr>
<tr>
<td>or approx. 6 to 12 years</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹ Move front passenger seat to most forward position or move forward until child restraint system does not have any interference with front seat backrest.
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.
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.

**ISOFIX size class and seat device**
A – ISO/F3 = Forward-facing child restraint system for children of maximum size in the weight class 9 to 18 kg.
B – ISO/F2 = Forward-facing child restraint system for smaller children in the weight class 9 to 18 kg.
B1 – ISO/F2X = Forward-facing child restraint system for smaller children in the weight class 9 to 18 kg.
C – ISO/R3 = Rear-facing child restraint system for children of maximum size in the weight class up to 18 kg.
D – ISO/R2 = Rear-facing child restraint system for smaller children in the weight class up to 18 kg.
E – ISO/R1 = Rear-facing child restraint system for young children in the weight class up to 13 kg.
ISOFIX child restraint systems

In the past, child restraints have been attached to a vehicle's seat by seat belts. As a result, child restraints were often installed incorrectly or too loosely to adequately protect your child.

We now equip your vehicle with ISOFIX low anchorages at the two rear outboard seating positions and with Top-tether anchorages in the rear seat backward (Notchback-back of headrests / Hatchback-back of rear seat backrest panels) allowing child restraints to be attached to the rear seats.

To install a child restraint which comes equipped with ISOFIX low and Top-tether anchorage attachments, follow the instructions supplied with your child restraint.

Please take the time to carefully read and follow all of the instructions on the following pages and the instructions supplied with your child restraint.

Your child's safety depends on it!

If you have questions, or any doubts whether you have installed your child restraint properly, contact the child restraint manufacturer. If you are still having trouble installing the child restraint in your vehicle, we recommend that you consult your authorised workshop.

Installation of ISOFIX child restraint systems:

1. Select one of the rear outboard seating positions for installation of the child restraint.

2. Locate the two lower anchor positions. The location of each lower anchor is identified with a circular marking on the lower edge of the rear seat backrest.

3. Make sure there are no foreign objects around lower anchors, including seat belt buckles or seat belts. Foreign objects can interfere with the proper latching of the child restraint to the anchors.
4. Place the child restraint on the seat over the two lower anchors and attach it to the anchors following the instructions supplied with the child restraint.

5. Adjust and tighten the child restraint according to the instructions supplied with the child restraint.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unused child restraint system could move forward. Remove child restraint system if not in use, or secure it with the seat belt.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Since a seat belt or child restraint system can become very hot if it is left in a closed vehicle, be sure and check the seat cover and buckles before placing a child there.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use all ISOFIX low and Top-tether anchorages for their designed purpose only. ISOFIX low and Top-tether anchorages are designed only to hold child restraints which come equipped with low and top anchorage attachments. Do not use ISOFIX low and Top-tether anchorages to hold adult seat belts, harnesses, or other items of equipment in your vehicle. Using ISOFIX low and Top-tether anchorages to hold adult seat belts, harnesses, or other items or equipment in your vehicle will not provide adequate protection in the case of a collision and could result in injuries or even death.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child restraint system placed in the front seat could cause serious injury or death. Never install a rear-facing child restraint in the front seat of a vehicle equipped with a front passenger airbag. A child in a rear-facing child restraint installed in the front seat can be seriously injured if the front passenger airbag inflates. Secure a rear-facing child restraint on the rear seat. A front-facing child restraint should be secured on the rear seat whenever possible. If installed on the front passenger seat, adjust the seat as far back as it will go.</td>
</tr>
</tbody>
</table>
Caution

Full size rear facing child seats may not be suitable for installation. Contact your Retailer for information regarding suitable child restraint systems.
Installation of child restraints with ISOFIX low and Top-tether anchorage attachments.

Top-tether fastening eyes

<Notchback>

1. Remove the foreign objects around the top tether anchor.
   Notchback: Open the cover and pull the anchor upward.
   Hatchback: Remove the load compartment cover.
2. Attach the clip on the child restraint’s tether strap to the Top-tether anchor, making sure to remove any twists in the tether strap.
3. Tighten the child restraint’s tether strap according to the instructions supplied with the child restraint.
4. Push and pull on the child restraint after installation to be sure the child restraint is secure.

If the position you are using has an adjustable head restraint and you are using a dual tether, route the tether around the head restraint.
If the position you are using has an adjustable head restraint and you are using a single tether, raise the head restraint and route the tether under the head restraint and in between the head restraint posts.
Make sure the clip on the child restraint’s tether strap is properly attached to the Top-tether anchorage.

Incorrect attachment could render the tether strap and top tether anchorage ineffective.
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.
The storages are located in the instrument panel. They are used for small articles, etc.

The storage on top of the glovebox is equipped with AUX, USB ports, etc.

Infotainment system  131.

---

**Glovebox**

To open pull the grip.

⚠️ **Warning**

To reduce the risk of injury in an accident or a sudden stop, always keep the glovebox door closed while driving.

---

**Cupholders**
The cup holders are located in the central console and rear part of the center console.

⚠️ Warning

Do not place uncovered cups of hot liquid in the cup holder while the vehicle is in motion. If the hot liquid spills, you burn yourself. Such a burn to the driver could lead to loss of control of the vehicle.

To reduce the risk of personal injury in the event of sudden stop or collision, do not place uncovered or unsecured bottles, glasses, cans, etc., in the cup holder while the vehicle is in motion.

---

**Sunglasses storage**

Fold down and open.

⚠️ Caution

Do not use for storing heavy objects.

---

**Underseat storage**

To use the front passenger seat undertray, pull up on the end of the tray and pull it toward the instrument panel. Push the tray toward the seat to return it to its original position.
Load compartment

Folding down rear backrests

⚠️ Warning
Do not stack luggage or other cargo higher than the front seats.
Do not allow passengers to sit on the folded seat backrests while the vehicle is in motion.
Unrestrained load or passengers on a folded seat backrest can be thrown around within or ejected from the vehicle in a sudden stop or accident. This can result in serious injuries or death.

To fold down the rear backrest separately:

Note
Folding a rear seat with the seat belts still fastened may cause damage to the seat or the seat belts. Always unbuckle the seat belts and return them to their normal stowed position before folding a rear seat.

1. Push head restraints down by pressing the catch.

Note
To ensure enough room for rear seat cushion operation, slide the front seat forward and adjust the front seat backrest upright.

2. Pull the release lever on top of the rear seat backrest and fold it forward and down.

3. Put the seat belts of the outboard seats into the belt guides.

To return the seat backrest to the original position, pull out the seat belt from the belt guides and lift seat backrest up. Push seat backrest firmly into place. Make sure the seat belts are not pinched by the latch. The center rear seat belt may lock when you raise the seat backrest. If this happens, let the belt go back all the way and start again.
To return the rear seat cushion, put the rear part of the seat cushion in its original position ensuring that the seat belt buckle straps are not twisted or caught under the seat cushion, then push the front part of the seat cushion firmly down until it latches.

### Caution

When returning rear seat backrest to the upright position, place the rear seat belt and buckles between the rear seat backrest and one cushion. Make sure the rear seat belt and buckles do not get pinched under the rear seat cushion.

Make sure the seat belts are not twisted or caught in the seat backrest and are arranged in their proper position.

### Warning

Ensure that the rear seat backrests are all the way back and locked in position before operating the vehicle with passengers on the rear seat.

Do not pull the release levers on the top of the seat backrest while the vehicle is moving.

It can cause injuries or damage to the occupants.

### Caution

Folding a rear seat with the seat belts still fastened may cause damage to the seat or the seat belts.

Always unbuckle the seat belts and return them to their normal stowed position before folding a rear seat.

### Warning

Never allow passengers to sit on top of the folded down backrests, while the car is moving as this is not a proper seating position and no seat belts are available for use. This could result in serious injury or death in case of an accident or sudden stop.

Objects carried on the folded down backrest should not extend higher than the top of the front seats. This could allow cargo to slide forward and cause injury or damage during sudden stops.
Load compartment cover
When the load compartment cover is located in upper position, put it on the fitted place.

Note
If the load compartment cover is located in an inappropriate place, it may cause a rattling noise and wear by contact with the rear seat.

Warning triangle
The warning triangle can be stored in rear still trim with both side rubber straps.
Remove the warning triangle when you open the load floor mat to use any tools. And pinch the straps before closing the load floor mat.

Note
Warning triangle is not equipped in this vehicle.

Loading information
- Heavy objects in the load compartment should be placed against the seat backrests. Ensure that the backrests are securely engaged. If objects can be stacked, heavier objects should be placed at the bottom.
- Secure objects in load compartment to prevent sliding.
- When transporting objects in the load compartment, the backrests of the rear seats must not be angled forward.
- Do not allow the load to protrude above the upper edge of the backrests.
- Do not place any objects on the load compartment cover or the instrument panel, and do not cover the sensor on top of the instrument panel.
- The load must not obstruct the operation of the pedals, parking brake and gear selector lever, or
hinder the freedom of movement of the driver. Do not place any unsecured objects in the interior.

- Do not drive with an open tailgate (or boot lid).

- The payload is the difference between the permitted gross vehicle weight (see identification plate 251) and the kerb weight. For the kerb weight in detail, refer to the technical data section. The kerb weight includes weights for the driver (68 kg), luggage (7 kg) and all fluids (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.
Instruments and controls

Controls ....................................... 63
Warning lights, gauges and indicators ........................................... 69
Information displays ..................... 80
Vehicle messages ........................ 83
Trip computer ............................... 84
Vehicle personalisation ................ 86

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.

Caution

If strong impact delivers to steering column axle direction when the steering wheel is
adjusted or the lever is locked, it may cause damage to the parts related to steering wheel.

Steering wheel controls

The infotainment system and the cruise control can be operated by the controls on the steering wheel.
Infotainment system ⦿ 98, Cruise control ⦿ 176.
## Horn

Press 📡.

## Windscreen wiper/washer

### Windscreen wiper

To operate the windscreen wipers, turn the ignition on and move the windscreen wiper / washer lever upward.

- 2 = Continuous wipe, fast speed.
- 1 = Continuous wipe, slow speed.
- 🚧 = Intermittent operation.
- ⏹️ = System off.
- 🌧️ = Misting function.

### Automatic wiping with rain sensor

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

### Misting function

To operate the windscreen wipers once in case of light rain or mist, lightly press the windscreen wiper / washer lever down and release it. The lever will return automatically to its normal position when released. The wipers will operate through one cycle.

### Caution

Less than clear vision for the driver can lead to an accident resulting in personal injury and damage to your vehicle or other property. Do not operate the windscreen wipers when the windscreen is dry or obstructed, as with snow or ice. Using the wipers on an obstructed windscreen can damage the wiper blades, wiper motor and glass.
Check blades are not frozen to windows before operating in cold weather. Wiper operation while blade is frozen can damage wiper motor.

Adjustable wiper interval

Turn the wheel to adjust the desired wipe interval:

- Short interval = turn adjuster wheel upwards
- Long interval = turn adjuster wheel downwards

Windscreen washer

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

Caution

Do not operate the windscreen washer continuously for more than some seconds, or when the washer fluid tank is empty. This can cause the washer motor to overheat resulting in costly repairs.

⚠️ Warning

Do not spray washer fluid on the windscreen in freezing weather. Using washer fluid and wipers in freezing weather may cause an accident because the washer fluid can form ice on a frozen windscreen and obstruct your vision.
Rear window wiper/washer

Rear window wiper/washer (Hatchback only)

Wiper

To operate the rear wiper, press the switch at the end of the lever. Press the upward of switch to operate wiper continuously. Press the downward of switch to operate wiper interval. To turn off the wiper set the switch in neutral.

Washer

Push the lever toward the instrument panel. Washer fluid is sprayed onto the rear window and the wiper swipes for a few strokes.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than clear vision for the driver can lead to an accident resulting in personal injury and damage to your vehicle or other property.</td>
</tr>
</tbody>
</table>

Do not operate the rear window wiper when the tailgate window is dry or obstructed, as with snow or ice.

Using the wiper on an obstructed window can damage the wiper blades, wiper motor, and glass.

Check blade is not frozen to window before operating in cold weather to prevent damage to the wiper motor.

At freezing temperature do not spray washer fluid on the rear window until it is warm. Washer fluid can form ice on a frozen tailgate window and obstruct your vision.

<table>
<thead>
<tr>
<th>Caution</th>
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</thead>
<tbody>
<tr>
<td>Do not operate the windscreen washer continuously for more than some seconds, or when the washer fluid tank is empty. This</td>
</tr>
</tbody>
</table>
Instruments and controls

**Clock**

Time and date are shown in the infotainment display.
Settings for time and date can be adjusted.
Infotainment system ▶ 108.

If the infotainment system is not equipped in the vehicle, time is displayed in the cluster.
To display the time, press reset knob in the cluster.
To set the time, press the reset knob for longer while time is displayed.
Increase the Hour/Minute: press the reset knob shortly.
Set the Hour/Minute: press the reset knob for longer.
(Long press: more than 2 seconds, Short press: less than 2 seconds).

**Power outlets**

A 12 Volt power outlet is located in the centre console.
Do not exceed the maximum power consumption of 120 Watts.
With ignition off, the power outlets are deactivated.
Additionally the power outlet is deactivated in the event of low vehicle battery voltage.

can cause the washer motor to overheat resulting in costly repairs.
**Caution**

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

Do not damage the sockets by using unsuitable plugs.

---

### Cigarette lighter

To operate the cigarette lighter, turn the ignition switch to ACC or ON and push the lighter in all the way.

The cigarette lighter will pop out automatically when it is ready to use.

**Caution**

Overheating the cigarette lighter can damage the heating element and the lighter itself.

Do not press the lighter while it is heating. This can cause the lighter to overheat.

Trying to operate a malfunctioning cigarette lighter can be dangerous. If the heated cigarette lighter does not pop out pull it out and consult a workshop to have it repaired. We recommend that you consult your authorised repairer. It can cause injuries and damage to your vehicle.

**⚠️ Warning**

If you leave the vehicle with an inflammable explosive substance, such as a disposable lighter, inside the car in summer, it can explode and cause fire due to an increase of temperature in the passenger compartment and the boot. Please ensure that no inflammable explosive substances are left or kept inside the car.

---

**Caution**

The cigarette socket should only be used with the cigarette lighter. If other 12 V power adapters are installed into the cigarette socket, fuse failure or a potential thermal incident may occur.

---

**Caution**

The barrel of an operating cigarette lighter can become very hot.

Do not touch the barrel of the cigarette lighter and do not allow children to operate or play with the cigarette lighter.
The hot metal can cause personal injuries and damage to your vehicle or other property.

Ashtrays

Caution
Cigarettes and other smoking materials could set them on fire. Do not put paper or other flammable items in the ashtray.

An ashtray fire can lead to personal injury or damage to your vehicle or other property.

The portable ashtray can be placed in the cupholders.
To open the ashtray, gently lift the lid of the ashtray. After using, close the lid firmly.
To empty the ashtray for cleaning, slightly rotate the upper part of the ashtray counterclockwise and remove it.

Warning lights, gauges and indicators

Speedometer

Indicates vehicle speed.
Odometer

The odometer shows how far your car has been driven in kilometres or miles.

There is an independent trip odometer, which measures the distance your vehicle has travelled since you last reset this function.

Each time you press the knob in the cluster, the display changes in the following order:

Odometer ↔ Trip odometer

Note
To reset trip odometer to zero, press the reset knob in the cluster for a few seconds.

Tachometer

<Petrol>
Instruments and controls

<Diesel>

Displays the engine revolutions per minute.

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

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>If the needle is in the warning zone, the maximum permitted engine speed is exceeded. Engine is at risk.</td>
</tr>
</tbody>
</table>

Fuel gauge

Displays the fuel level in the tank.
Never run the tank dry.

Because of the fuel remaining in the tank, the top-up quantity may be less than the specified tank capacity.
Movement of the fuel within the fuel tank causes the fuel gauge pointer to move when you brake, accelerate or turn.

<table>
<thead>
<tr>
<th>△ Danger</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before refuelling, stop vehicle and switch off the engine.</td>
</tr>
</tbody>
</table>

Transmission display

It indicates the selected gear or transmission mode.

Control indicators

The control indicators described are not present in all vehicles. The description applies to all instrument versions. The control indicators
Instruments and controls

actually present in the vehicle may differ from the description. 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, blue, white = confirmation of activation

The designs of the instrument cluster may vary depending on the model.
Control indicators in the instrument cluster (Type A)
Control indicators in the instrument cluster (Type B)
**Turn signal**

*◊* flashes green.

**Flashes**

The control indicator flashes if a turn signal or the hazard warning flashers are activated.

**Fast flashing**

Failure of a turn signal light or associated fuse.

Bulb replacement ◊ 206, Fuses ◊ 211, Turn signals ◊ 92.

**Seat belt reminder**

◆ for driver's seat illuminates or flashes red.

◆◆ for front passenger seat illuminates or flashes red, when seat is occupied.

◆◆◆◆ for rear seats illuminate in the Driver Information Center (DIC).

When the ignition is switched on, the indicator light and warning chime comes on and stay for several seconds as a reminder to fasten seat belts.

The light flashes until the seat belt is buckled.

If seat belt remains unbuckled when the vehicle is moving, lights and chime repeat.

If the seat belt is buckled, light and chime will go off.

Three-point seat belts ◊ 38.

**Airbag and belt tensioners**

◆ illuminates red.

When the ignition is switched on, the control indicator illuminates for a few seconds. If it does not illuminate, does not go out after a few seconds or illuminates whilst driving, there is a fault in the belt tensioners or the airbag system. The systems may fail to trigger in the event of an accident.

Vehicle trouble or 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, airbag system ◊ 37, ◊ 40.

**Airbag deactivation**

The control indicators are in instrument panel.

◆◆ for front passenger airbag illuminates.
When the control indicator illuminates the front passenger airbag is activated and child or infant seat should not be installed on the front passenger seat.

When the control indicator illuminates the front passenger airbag is deactivated.

Airbag deactivation 45.

Charging system

illuminates red.
It illuminates when the ignition is switched on and goes out 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. Seek the assistance of a workshop.

Malfunction indicator light

illuminates yellow.
It illuminates when the ignition is switched on and goes out shortly after the engine starts.

Caution

The indicator light signals that your vehicle has a problem that requires attention.
Driving with the malfunction indicator light on or flashing can damage the emissions control system and can affect the fuel economy and drive ability of your vehicle.
We recommend that you consult your authorised repairer.

Service vehicle soon

illuminates when the vehicle needs a service.
Have the vehicle checked by a workshop immediately.
Vehicle messages 83.

Brake and clutch system

illuminates red.
It illuminates when the parking brake is released, if the brake fluid level is too low or if there is a brake system fault.
Brake fluid 201.

Warning

Do not drive with the brake system warning light on.
This may mean your brakes are not working properly.
Driving with malfunctioning brakes can lead to a collision resulting in personal injuries and damage to your vehicle and other property.

illuminates after the ignition is switched on if the manual parking brake is applied.
Parking brake 174.

Apply clutch pedal

illuminates yellow.
It illuminates when clutch pedal needs to be operated to restart the engine.
See Automatic engine start/stop feature 163.

**Antilock brake system (ABS)**
[ ] illuminates yellow.
Illuminates for a few seconds after the ignition is switched on. The system is ready for operation when the control indicator goes out.
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 173.

**Upshift**
[ ] illuminates when upshifting is recommended for fuel saving reasons.
Manual transmission 171.

**Power steering**
[ ]! illuminates yellow.
It illuminates when the ignition is switched on and goes out shortly after the engine starts.
If the indicator does not go out after a few seconds, or if it illuminates while driving, there is a fault in the power steering.
Seek the assistance of a workshop.

**Ultrasonic parking assist**
[ ]! illuminates yellow.
- Fault due to sensors that are dirty
- Covered by ice or snow
- Outside ultrasonic waves interference
Once the source of interference is removed, the system will operate normally.
If the control indicator does not go out, have the cause of the fault in the system remedied by a workshop.
Ultrasonic parking sensors 178.

**Electronic Stability Control**
[ ]! 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 175.

**Electronic Stability Control off**
[ ]! illuminates yellow.
Illuminates when the system is deactivated.
Instruments and controls

Traction Control system off

illumines yellow.
Illuminates when the system is deactivated.

Engine coolant temperature

illuminates red.
This light tells you that the engine coolant has overheated.
If you have been operating your vehicle under normal driving conditions, you should pull off the road, stop your vehicle and let the engine idle for a few minutes.
If the light does not go out, you should switch the engine off and consult a workshop as soon as possible. We recommend that you consult your authorised workshop.

Preheating and diesel particle filter

Preheating indicator light

illuminates yellow.
Illuminates when preheating is activated. When the light goes out the engine can be started.

Diesel particle filter indicator light

flashes yellow.
Flashes if the diesel particle filter requires cleaning and previous driving conditions did not permit automatic cleaning. Continue driving and if possible do not allow engine speed to drop below 2000 rpm. It goes off as soon as the self cleaning operation is complete.
See Diesel particle filter 165.

Tyre pressure monitoring system

illuminates yellow.
It illuminates when the ignition is switched on and goes out shortly after the engine starts.

Engine oil pressure

illuminates red.
It illuminates when the ignition is switched on and goes out 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.

If the engine oil pressure warning light comes on while driving, Pull off the road, stop the engine and check the oil level.

**Warning**

When the engine is off, considerably more force is needed to brake and steer.
Do not remove key until vehicle is stationary, otherwise the steering wheel lock could engage unexpectedly.

Check oil level before seeking the assistance of a workshop. Engine oil 194.

**Low fuel**

⚠️ illuminates yellow.
Illuminates when level in fuel tank is too low.

**Caution**

Do not let your vehicle run out of fuel.
This can damage the catalytic converter.

Catalytic converter 166.

**Drain fuel filter**

⚠️ illuminates yellow.
It illuminates when the water level in the fuel filter exceeds a certain level.
Immediately drain the water from fuel filter.
The warning light will go off when draining is completed.
See Diesel fuel filter 165.

**Immobiliser**

⚠️ illuminates yellow.
If the indicator illuminates, there is a fault in the system. The engine cannot be started.
Have the cause of the fault remedied by a workshop.

**High beam**

⚠️ illuminates blue.
Illuminated when high beam is on and during headlight flash.
High beam / low beam 91.

**Daytime running light**

⚠️ illuminates green.
Illuminated when the daytime running light is on.
Daytime running lights (DRL) 92.

**Fog light**

⚠️ illuminates green.
Illuminated when the front fog lights are on 93.
Rear fog light
ертв illuminates yellow.
Illuminated when the rear fog light is on 93.

Tail lights
brero illuminates green.
Illuminated when the tail lights are on.

Cruise control
_REMOTE garbage illuminates white.
Illuminated when the system is on.
_REMOTE garbage illuminates green.
Illuminated when the cruise control system is activated 176.

Door open
_REMOTE garbage illuminates red.
It illuminates when a door or the tailgate is open.

Information displays

**Driver Information Centre**

If the Driver Info Centre (DIC) is not equipped, press the reset knob in the cluster shortly to select the menu.
Each time you press the reset knob, the mode changes in the following order (the actual order may differ from following order):
Clock → Outside temperature → Odometer → Tripmeter → Clock → Unit setting → Language setting...
Clock 67, Odometer 70, Trip computer 84.

The Driver Information Centre (DIC) is located in the instrument cluster.
To select the setting menu, press the **MENU** button in the turn signal lever. You can select the following:

- Engine oil life
- Unit setting
- Language setting
- Tyre learn
- Tyre loading

Each menu can be selected by turning the adjuster wheel in the turn signal lever.

**Engine oil life**

It displays an estimate of the oil's remaining useful life.

If the number 98 is displayed, it means 98% of the current oil life remains.

When the remaining oil life is low, the vehicle message will appear in the Driver Information Centre (DIC). The engine oil should be changed as soon as possible.

After an engine oil change, the engine oil life system must be reset. To reset, press the **SET/CLR** button a few seconds.

**Unit setting**

Press the **SET/CLR** button a few seconds.

Turn the adjuster wheel to select one of the settings.

1. Great Britain (MPH, °C)
2. United States (MPH, °F)
3. Europe (km/h, °C)

When changing a unit, the selected unit is flashed.

Press the **SET/CLR** button to confirm.
**Language setting**

Press the SET/CLR button a few seconds.
Turn the adjuster wheel to select one of the settings.
  1. Alphabet
  2. Arabic numeral
When changing a unit, the selected unit is flashed.
Press the SET/CLR button to confirm.

**Note**
If the buttons in the turn signal lever are not equipped, you can select the menus by shortly pressing the reset knob in the cluster longer.

**Tyre learn**

This display allows for matching new tyre and wheel by the TPMS sensors.
To process matching, press the SET/CLR button a few seconds.
See Tyre pressure monitoring system 221.

**Tyre loading**

Press the SET/CLR button a few seconds to select the menu.
Turn the adjuster wheel to select one of the settings.
- Load 1: Lo
- Load 2: Eco
- Load 3: Hi
Board-Info-Display

Date, time, outside temperature and infotainment system information is displayed.

When the infotainment system is on, settings for vehicle personalisation are displayed.

Vehicle personalisation \( \Rightarrow \) 86.

Vehicle messages

The messages are given via the Driver Information Center (DIC) or as warning chimes.

Depending on vehicle equipment and vehicle personalisation some of the functions described below might not be available.

Caution

If the vehicle message is shown, have the vehicle checked by a workshop immediately.

<table>
<thead>
<tr>
<th>No.</th>
<th>Vehicle message</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>High mounted brake light failure</td>
</tr>
<tr>
<td>16</td>
<td>Service brake lights</td>
</tr>
<tr>
<td>18</td>
<td>Left low beam failure</td>
</tr>
<tr>
<td>19</td>
<td>Rear fog light failure</td>
</tr>
<tr>
<td>20</td>
<td>Right low beam failure</td>
</tr>
<tr>
<td>21</td>
<td>Left front position light failure</td>
</tr>
<tr>
<td>22</td>
<td>Right front position light failure</td>
</tr>
<tr>
<td>23</td>
<td>Reversing light failure</td>
</tr>
<tr>
<td>24</td>
<td>License plate light failure</td>
</tr>
<tr>
<td>25</td>
<td>Left front turn indicator failure</td>
</tr>
<tr>
<td>26</td>
<td>Left rear turn indicator failure</td>
</tr>
<tr>
<td>27</td>
<td>Right front turn indicator failure</td>
</tr>
<tr>
<td>28</td>
<td>Right rear turn indicator failure</td>
</tr>
<tr>
<td>84</td>
<td>Engine power is reduced</td>
</tr>
</tbody>
</table>
No.  Vehicle message

89  Service vehicle soon

128  Hood open (if equipped stop-start system)

Warning chimes

When starting the engine or whilst driving
- If seat belt is not fastened.
- If a certain speed is exceeded with parking brake applied.
- If a warning code appears in the Driver Information Center.
- If the parking assist detects an object.

When the vehicle is parked and/or a door is opened
- When the key is in the ignition switch.
- With exterior lights on.

Trip computer

Trip computer is located in Driver Information Center (DIC).
It provides the driver with driving information such as average speed, driving distance for remaining fuel, average consumption and driving time.

To operate the trip computer, turn the adjuster wheel in turn signal lever.
Select the upper display. It is blinking when selected.
Each time you turn the adjuster wheel, the mode changes in the following order:
Average speed → Driving distance for remaining fuel → Average consumption → Driving time → Average speed
Some modes can be reset by pressing SET/CLR button.
Average speed

This mode indicates the average speed.
The average speed is accumulated while the engine is running even if the vehicle is not driven.
To reset the average speed, press the SET/CLR button.

Driving distance for remaining fuel

This mode indicates the estimated driving distance to empty from the current fuel in the fuel tank.
If you fill with fuel when the vehicle is in inclined situations or the vehicle battery is disconnected, the trip computer cannot read the actual value.

Note
As an auxiliary device, the trip computer may have differences with the actual distance for remaining fuel according to circumstances.

The driving distance for remaining fuel can be changed by the driver, the road and the vehicle speed because it is calculated according to the changing fuel efficiency.

Average consumption

This mode indicates the average consumption.
The average consumption is accumulated while the engine is running even if the vehicle is not driven.
To reset the average consumption, press the SET/CLR button.
Driving time

This mode indicates the total driving time.

The driving time is accumulated since the last driving time reset even the vehicle is not driven.

To reset the driving time, press the SET/CLR button.

Note
The average speed, driving distance for remaining fuel, average consumption can differ from the actual distance according to driving conditions, driving pattern or vehicle speed.

Vehicle personalisation

Audio system

The vehicle can be personalised by changing the settings in the Board Information Display (BID).

Depending on vehicle equipment some of the functions described below might not be available.

Press the CONFIG button, when ignition is on and the infotainment system is activated.

The Setting menus is displayed.

To switch the setting menus turn the MENU knob.

To select a setting menu, press the MENU button.

To close or to go back to the previous menu, press the BACK button.

The following menus can be displayed:

- Languages
- Time Date
Radio Settings

Bluetooth Settings

Vehicle Settings

Language Settings
Change the languages.

Time and Date Settings
Infotainment system 108.

Radio Settings
Infotainment system 108.

Bluetooth Settings
Infotainment system 108.

Vehicle Settings

- Comfort settings
  Chime volume: Change the volume of warning chime.
  Rear auto wipe in reverse: Activate or deactivate the rear wipe in reverse gear.

- Park assist / Collision detection
  Park assist: Activate or deactivate the ultrasonic sensors or select tow bar mode to allow using the parking assist even if a tow bar is attached.

Select the tow bar attached mode if a tow bar is attached.

- Exterior ambient lighting
  Exterior lighting by unlocking: Activate or deactivate the entry lighting.
  Duration upon exit of vehicle: Activate or deactivate of exit lighting and change the lighting duration.

- Power door locks
  Auto door unlock:
  Activate or deactivate auto door unlocking when automatic door locking.
  Also, change the configuration unlocking to only unlock the driver’s door or all doors.
  Auto door lock:
  Activate or deactivate auto door locking when driving.
  Stop door lock if door open:
  Activate or deactivate the driver’s door lock when the door is open. If deactivated is selected, the delayed door lock menu is available.

Delayed door lock: Activate or deactivate the delayed door lock. When pressing the central locking button, three chimes sound to signal delayed locking is activated. This function will delay locking of the doors for five seconds after the last door is closed.

- Remote locking, unlocking, starting
  Remote unlock feedback: Activate or deactivate the light feedback while unlocking.
  Remote lock feedback: Activate or deactivate the light or/and horn feedback while locking.
  Remote door unlock: Change the configuration to unlock only the driver’s door or the all doors while unlocking.
  Auto relock doors: Activate or deactivate the automatic door locking when the door is not opened after unlocking.
Instruments and controls

Restore factory settings
All settings are restored to initial settings.

MyLink, Text Based
When audio is switched on, press on the control panel.

Press settings.
The following settings can be selected:
- time & date settings
- radio settings
- connection settings
- vehicle settings

- language
- text scroll
- touch beep volume
- max startup volume
- system version
- DivX(R) VOD

In the corresponding submenus the following settings can be changed:

- time & date settings
  See Infotainment manual for further information.

- radio settings
  See Infotainment manual for further information.

- connection settings
  See Infotainment manual for further information.

- vehicle settings
  comfort & convenience
  chime volume: Select Normal or High.
  auto wipe in reverse gear: Select On or Off

- collision / detection
  park assist: Select On/ Off or Towbar attached to allow using the parking assist even if a tow bar is attached.

- lighting
  exit lighting: Off/ 30 Sec/ 60 Sec / 120 Sec.
vehicle locator lights: Select On or Off.

- power door locks
  unlocked door anti lock out: Select On or Off.
  delayed door lock: Select On or Off.

- lock, unlock settings
  remote unlock light feedback: Select Flash Lights/ Lights off.
  remote door unlock: Select All Doors/ Driver Door.
  relock remotely unlocked doors: Select On or Off.

- vehicle factory settings: Restore the settings values back to the factory default settings.

language
Selection of the desired language.

text scroll
See Infotainment manual for further information.

touch beep volume
See Infotainment manual for further information.

max startup volume
See Infotainment manual for further information.

system version
See Infotainment manual for further information.

DivX(R) VOD
See Infotainment manual for further information.
Exterior lighting

Light switch

Exterior light controls

To turn the exterior lights on or off, turn the light switch knob. The light switch has four positions as follows:

OFF: To turn off all lights, turn the knob to OFF position. All lights are off and return knob to its original AUTO position.

AUTO: Exterior lights and instrument panel lights are automatically turned on or off depending on external lighting conditions.

>: The tail lights, number plate lights, instrument panel lights and parking lights are illuminated.

D: The low beam headlights and all of the above lights are illuminated.

Automatic light control

Automatic light control function
When the external lighting is dim, if the automatic light control is on, the exterior lights and instrument panel lights are automatically turned on.
To turn off the control, turn the knob to OFF position.
All lights are off and the knob returns to its original AUTO position.

**High beam**

The high-beam headlights are turned on when the low-beam headlights are on.

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

**Note**
The headlight high-beam indicator illuminates when the headlights are on high beam.

<table>
<thead>
<tr>
<th><strong>Warning</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Always switch the high beam headlights to low beam when you approach oncoming vehicles or other vehicles ahead. High beam headlights can temporarily dazzle other drivers, which could result in a collision.</td>
</tr>
</tbody>
</table>

**Headlight flash**

Pull the lever.
The lever will return to its normal position when you release it. The high-beam headlamps will stay on as long as you hold the lever toward you.

**Headlight range adjustment**

To adapt headlight range to the vehicle load to prevent dazzling: turn knob 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
Lighting

Headlights when driving abroad
The asymmetrical headlight beam extends visibility at the edge of the road at the passenger side. However, when driving in countries where traffic drives on the opposite side of the road, adjust the headlights to prevent dazzling of oncoming traffic.

Headlights and Parking lights ➔ 206.

Daytime running lights
Daytime running light increases visibility of the vehicle in the daytime.

Hazard warning flashers
Operated with the ▲ button.
To activate the hazard warning flashers, push the button.
To turn off the flashers, push the button again.

Turn and lane-change signals
lever up = right indicator
lever down = left indicator
If the lever is moved past the resistance point, the indicator is switched on constantly. When the steering wheel moves back, the indicator is automatically deactivated.
For three flashes, e.g. when changing lanes, press the lever until resistance is felt and then release.
Move the lever to the resistance point and hold for longer indication.
Switch the indicator off manually by moving the lever to its original position.

**Front fog lights**

To turn the front fog light on, press the button.

The front fog indicator is illuminated when the front fog lights are on.

To turn off, press the button again.

**Rear fog lights**

Operated with the button.

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 rear fog indicator is illuminated when the rear fog light is on.

**Reversing lights**

The reversing light illuminates 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**

**Interior lights**

**Courtesy light**

Operate rocker switch:

- = always on until shut off manually.

= automatic switching on when you open a door and off after the doors are closed.

= always off, even when doors are open.

---

**Note**

The vehicle battery can be discharged if the lights stay on for a long time.

---

**Warning**

Avoid using the courtesy light while driving in the dark.

A lit passenger compartment reduces visibility in the dark, and could cause a collision.

---

**Lighting features**

**Entry lighting**

**Welcome lighting**

Headlights, sidelights, tail lights and interior lights are switched on for a short time when unlocking the vehicle with the radio remote control. This function works only in the dark and facilitates locating the vehicle. The lighting switches off immediately when the ignition key is turned to the accessory position.

Activation or deactivation of this function can be changed in the Vehicle Settings. Vehicle personalisation 86.

**Entrance lighting**

The following lights will additionally switch on when driver's door is opened:

- Some switches
- Some interior lights
Exit lighting

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

Switching on

Activation, deactivation and duration of lighting of this function can be changed in the Vehicle Settings. Vehicle personalisation 86.

For Europe

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

If the driver's door is not closed the lights switch off after a few seconds.

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

Vehicles with automatic light (except Europe)

1. Light switch in AUTO.
2. Switch off ignition.
3. Remove ignition key.

Depending on the external lighting conditions the exit lighting is switched on.

Battery discharge protection

Switching off electric lights

Battery saver is to prevent the vehicle battery from being discharged.

If you turn the ignition off, lights are turned off automatically after a few seconds.
Infotainment system

Introduction

General information

The Infotainment system provides infotainment in your car, using the latest technology.

The radio can be easily used by registering up to 36 FM, AM and DAB (Digital Audio Broadcasting) radio stations with the PRESET buttons [1~6] per every six pages. DAB is only available for Type 1/2-A model.

The integrated CD player can play audio CD and MP3 (WMA) discs, and the USB/iPod player can play connected USB storage devices or iPod products (only for Type 1/2-A/B model).

The Bluetooth phone connection function allows for the use of wireless hands-free phone calls, as well as a phone music player. The Bluetooth phone connection function is only available for Type 1/2-A/B model.

Connect a portable music player to the exterior sound input and enjoy the rich sound of the Infotainment system.

The digital sound processor provides a number of preset equaliser modes for sound optimisation.

- Maximum output power: 25 W x 4 channels
- Speaker impedance: 4 ohms

The system can be easily adjusted with the carefully designed adjusting device, smart displayer, and multifunctional menu dial regulator.

- The "Overview" section provides a simple overview of the Infotainment system's functions and a summary of all regulatory devices.
- The "Operation" section explains the basic controls for the Infotainment system.

Note

This manual describes all options and features available for the various Infotainment systems. Certain descriptions, including those...
for display and menu functions, may not apply to your vehicle due to model variant, country specifications, special equipment or accessories.

**Screen display**

The screen display may differ from the manual display since most screen displays differ according to the device’s setup and vehicle specification.

**Theft-deterrent feature**

The Infotainment system has an electronic security system installed to prevent theft.

The Infotainment system only works in the vehicle in which it was first installed, and cannot be used by the people that have stolen it.
Control elements overview

Type 1
Type 1-A: Radio/DAB + CD/MP3 + AUX + USB/iPod + Bluetooth
Type 1-B: Radio + CD/MP3 + AUX + USB/iPod + Bluetooth

1. Display
   Display for play/reception/menu state and information.

2. POWER [ollah] button with VOLUME dial
   - Turn the power on/off by pressing this button.
   - Turn the dial to adjust the overall volume.

3. PRESET [1 ~ 6] buttons
   - Hold down any of these buttons to add the current radio station to the current favourites page.
   - Press any of these buttons to select the channel linked to that button.

4. EJECT [△] button
   Press this button and take out the disc.

5. Disc slot
   This is the slot in which compact discs are inserted or taken out.

6. FAVOURITE [FAV1-2-3] button
   Press this button to select the page of saved favourite channels.

7. INFORMATION [INFO] button
   - Press this button to view file information when using the CD/MP3/USB/iPod/Bluetooth play modes.
   - View information about a radio station and the currently playing song when using the radio function.

8. SEEK buttons
   - Press these buttons while using the radio or DAB (Digital Audio Broadcasting) to automatically seek stations with clear reception. You can manually set the broadcasting frequency by holding down these buttons.
   - Press these buttons while using the CD/MP3/USB/iPod/Bluetooth play modes to instantly play the previous or next track.
   - You can hold down these buttons to quickly rewind/forward through the currently playing songs.

9. CD/AUX button
   Press this button to select CD/MP3/AUX or USB/iPod/Bluetooth audio function.

10. RADIO BAND button
    Press this button to select FM/AM radio or DAB (only for Type 1-A model).

11. TP button
    While using the FM RDS function, turn the TP (Traffic Programme) on or off.

12. CONFIG button
    Press this button to enter the Settings menu.

13. TONE button
    Press this button to adjust/select the sound setup mode.
14. **MENU** button with **TUNE** dial
   ◆ Press this button to display the currently functioning menu or select/practice setup content and setup values.
   ◆ Turn the dial to move/change the setup content or setup values.

15. **AUX** port
    Connect an exterior sound device to this port.

16. ☯ **BACK** button
    ◆ Cancel the input content or return to the previous menu.

17. **PHONE [⁻] / MUTE [☆]
    ◆ Press this button to activate Bluetooth phone mode.
    ◆ Hold down the button to turn the mute function on or off.
Type 2

Infotainment system
Type 2-A: Radio/DAB + CD/MP3 + AUX + USB/iPod + Bluetooth
Type 2-B: Radio + CD/MP3 + AUX + USB/iPod + Bluetooth
Type 2-C: Radio + CD/MP3 + AUX

1. Display
   Display for play/reception/menu state and information.

2. POWER [●] button with VOLUME dial
   ◦ Turn the power on/off by pressing this button.
   ◦ Turn the dial to adjust the overall volume.

3. PRESET [1 ~ 6] buttons
   ◦ Hold down any of these buttons to add the current radio station to the current favourites page.
   ◦ Press any of these buttons to select the channel linked to that button.

4. EJECT [△] button
   Press this button and take out the disc.

5. Disc slot
   This is the slot in which compact discs are inserted or taken out.

6. FAVOURITE [FAV1-2-3] button
   Press this button to select the page of saved favourite channels.

7. INFORMATION [INFO] button
   ◦ Press this button to view file information when using the CD/MP3/USB/iPod/Bluetooth play modes (only for Type 2-A/B model).
   ◦ View information about a radio station and the currently playing song when using the radio function.

8. SEEK buttons
   ◦ Press these buttons while using the radio or DAB (Digital Audio Broadcasting: only for Type 2-A model) to automatically seek stations with clear reception. You can manually set the broadcasting frequency by holding down these buttons.
   ◦ Press these buttons while using the CD/MP3/USB/iPod/Bluetooth play modes (only for Type 2-A/B model) to instantly play the previous or next track. You can hold down these buttons to quickly rewind/forward through the currently playing songs.

9. CD/AUX button
   Press this button to select CD/MP3/AUX or USB/iPod/Bluetooth audio function.

10. RADIO BAND button
    Press this button to select the FM, AM or DAB (only for Type 2-A model) band radio.

11. TP button
    While using the FM RDS function, turn the TP (Traffic Programme) on or off.

12. CONFIG button
    Press this button to enter the Settings menu.

13. TONE button
    Press this button to adjust/select the sound setup mode.
14. **MENU button with TUNE dial**
   - Press this button to display the currently functioning menu or select/practice setup content and setup values.
   - Turn the dial to move/change the setup content or setup values.

15. **AUX port**
   Connect an exterior sound device to this port.

16. **BACK button**
   - Cancel input content or return to the previous menu.

17. **PHONE [📞] / MUTE [☆]**
   - Press this button to activate Bluetooth phone mode (only for Type 2-A/B model) or to turn the mute function on or off (only for Type 2-C model).
   - Hold down the button to turn the mute function on or off (only for Type 2-A/B model).

---

**Steering wheel audio controls**

**Steering wheel audio control Type 1:** option

1. **MUTE [☆]/Hang up ☯**
   Press the button in any music play mode to turn the mute function on and off. In engaged mode, you can press this button to reject calls or to finish the call.

---

2. **Call [📞] button**
   - Press the button to answer the call or enter the redial selection mode.
   - Hold down the button to enter the dialled call log or to move back and forth from hands-free mode and private call mode during a call.

3. **Source [▵SRC▼] button/dial**
   - Press the button to select a sound play mode.
   - Turn the dial to change the registered radio stations or change the music being played.

4. **Volume [+ -] buttons**
   - Press the + button to increase the volume.
   - Press the - button to decrease the volume.
**Steering wheel audio control Type 2: option**

1. **Mute** [button]  
   Press the button to turn the mute function on and off.
2. **Not available**

3. **Source** [SRC] button/dial  
   - Press the button to select a sound play mode.
   - Turn the dial to change the registered radio stations or change the music being played.

4. **Volume** [+ -] buttons  
   - Press the + button to increase the volume.
   - Press the - button to decrease the volume.

**Operation**

**Buttons and controlling device**  
The Infotainment system is operated by using the function buttons, multifunctional dial, and the menu indicated on the screen display. The buttons and control devices used in the system are the following ones.
- The Infotainment system buttons and dial
- Steering wheel audio control

**System on/off**

Press the **POWER** [button] to turn the system on.

Turning on the power will play the previously chosen broadcasting station or song. (However, it will be different for Bluetooth audio depending on the device.)

Press the **POWER** [button] to turn the system off.
Turning off automatically
When the ignition switch (car ignition key) is in the off position, turning on the Infotainment system by using the POWER [_UP] button will automatically turn the Infotainment system off after ten minutes from the user's last operation.

Volume control

- Using the steering wheel audio control, press the volume [+/-] buttons to adjust the volume.
- The current sound volume is indicated.
- Turning on the Infotainment system power will set the volume level to its previous selection (when it is less than the maximum starting volume).

Auto Volume control
Once the speed-compensating sound volume setup starts operating, the volume will automatically be controlled according to the vehicle's speed to offset the noise from the engine and tyres. (Refer to System Configuration → Radio settings → Auto Volume).

Volume limit at high temperature
If the inside temperature of the radio is very high, the Infotainment system will limit the controllable maximum volume.
If necessary, the volume will automatically decrease.

From Tone settings, sound features can be setup differently according to the AM/FM/DAB radio and each audio player’s functions.
Press the TONE button when using the relevant functioning mode.
Turn the TUNE dial to select the desired tone control mode, and then press the MENU button.

Tone settings

Turn volume [VOL] dial to adjust the volume.
Turn the TUNE dial to select the desired tone control value, and then press the MENU button.

It is possible to initialise the currently selected item by long-pressing the MENU button in the tune configuration mode, or to initialise all items of the tune configuration mode by long-pressing the TONE button.

**Tone settings**
- **Bass**: Adjust the bass level from -12 to +12.
- **Midrange**: Adjust the midrange level from -12 to +12.
- **Treble**: Adjust the treble level from -12 to +12.
- **Fader**: Adjust the front/rear speaker balance from front 15 to rear 15 in the six speaker system vehicle model.
- **Balance**: Adjust the left/right speaker balance from left 15 to right 15.
- **EQ (Equaliser)**: Select or turn off the sound style (OFF ↔ Pop ↔ Rock ↔ Classical ↔ Talk ↔ Country).

**Select function**

**AM/FM or DAB radio (only for Type 1/2-A models)**

Press the RADIO BAND button to select AM/FM or DAB radio (only for Type 1/2-A models).

Press the MENU button to open the FM menu, AM menu or DAB menu that includes options for selecting broadcast stations.
Infotainment system

CD/MP3/USB/iPod/Bluetooth audio play (only for Type 1/2-A/B models) or exterior sound (AUX) input

Repeatedly press the CD/AUX button to toggle through the audio player functions. (CD/MP3 → AUX → USB or iPod, Bluetooth audio → CD/MP3 →....)

From the steering wheel audio control, press Source [△SRC↓] to select the desired mode.

Press the MENU button to open the menu with options for the relevant function or the menu of the relevant device (except for the Bluetooth audio).

Bluetooth hands-free phone device

Press the POWER [✔] button to select the Bluetooth hands-free phone function (only for Type 1/2-A/B models).
Press the POWER [●] button to open Bluetooth with options for the relevant function.

**Personalisation**

**Main buttons/dial**
The buttons and control knob used in the Settings are the following ones.

(12) **CONFIG button**
Press this button to enter the Settings menu.

(14) **MENU button with TUNE dial**
- Turn the dial to move to the menu or setup item.
- Press the button to select/enter the detailed control screen provided by the current menu or setup item.

(16) **BACK button**
Cancel the input item or return to the previous screen/menu.

**How to use the Settings menu for personalisation**
- Setup menus and functions may differ according to the car model.
- Reference: Table of information for the Settings menu below.

**[Example] Settings → Time Date → Set date: 23 Jan 2013**

Press the **CONFIG** button for the Settings menu.
After referring to the table of information for the Settings menu below, turn the TUNE dial to move to the desired settings menu, and then press **MENU** button.
■ Indicates the detailed list for the relevant settings menu or functioning state.
■ If there is another detailed list from the relevant detailed list, you can repeat this action.

Turn the TUNE dial to attain the desired setup value or functioning state, and then press MENU button.

■ If the relevant detailed list is made of several items, then repeat this action.
■ Set/enter the relevant setup value or the functioning state will change.

**Table of information for Settings [Languages]**

Select the desired language.
Set time: Manually set the hours and minutes for the current time.
■ Set date: Manually set the current year/month/day.
■ Set time format: Select 12h or 24h time display.
■ Set date format: Set the date display format.
   YYYY.MM.DD: 2013 Jan. 23
   DD/MM/YYYY: 23 Jan. 2013
   MM/DD/YYYY: Jan. 23, 2013
■ RDS clock synchronisation: Select On or Off

■ Auto volume control: Set Off/Low/Medium/High.
■ Maximum Startup Volume: Manually set the max. limit for the start-up volume.
■ Radio favourites: Manually set your favourites page numbers.
■ AS Stations: Set the Auto Store stations function for each radio or DAB.
■ RDS options: Set the RDS options.

- RDS: On/Off (activate or deactivate the RDS function).
- Regional: On/Off (activate or deactivate the Regional function).
- Text scroll freeze: On/Off (activate or deactivate the Text scroll freeze function).
- TA volume: Set the TA volume.
■ DAB settings: Set the DAB settings.
   - Auto ensemble linking: On/Off (activate or deactivate the Auto ensemble linking function).
   - Auto linking DAB-FM: On/Off (activate or deactivate the Auto linking DAB-FM function).
   - Dynamic audio adaptation: On/Off (activate or deactivate the Dynamic audio adaption function).
   - Band selection: Set Both, L-band or Band III.
[Bluetooth settings]

Bluetooth: Enter the Bluetooth settings.
- Activation: Select On or Off.
- Device list: Select the desired device and select/connect/separate or delete.
- Pair device: Try pairing a new Bluetooth device.
- Change bluetooth code: Manually change/set the Bluetooth code.

Restore factory settings: Restore the initial setup values back to the default settings.

Radio

AM-FM radio

Before using AM, FM or DAB radio (only for Type 1/2-A model)

Main buttons/dial
(10) RADIO BAND button
Press this button to select AM, FM or DAB radio (only for Type 1/2-A model).
(14) MENU button with TUNE dial
- Turn this dial to manually find a broadcasting frequency.
- Press this button to access the menu screen from the current mode.
(16) ♦ BACK button
Cancel the input item or return to the previous screen/menu.

(8) SEEK buttons
- Press this button to automatically search for available radio or DAB (only for Type 1/2-A model) stations.
- Hold down this button to change the radio or DAB frequency as desired, and then let the button go to stop at the current frequency.

(6) FAVOURITE [FAV1-2-3] button
Press this button to move through the pages of saved favourite radio or DAB stations.

(3) PRESET [1 ~ 6] buttons
- Hold down any of these PRESET buttons to register the current radio or DAB (only for Type 1/2-A model) station to that button.
- Press this button to select the station registered to the PRESET button.

(11) TP button
While using the FM RDS function, turn the TP (Traffic Programme) function On or Off.

(7) INFORMATION [INFO] button
View the information for the broadcasted radio or DAB stations.

(17) MUTE [●] button
Press (only for Type 2-C model) or hold down (only for Type 1/2-A/B model) this button to turn the mute function on or off.

Listening to a radio or DAB station (only for Type 1/2-A model)

Selecting the radio or DAB mode

Repeatedly press the RADIO BAND button to select FM, AM or DAB band.

The previously chosen broadcasting station will be received.

Searching for radio station automatically

Press the SEEK buttons to automatically search for available radio stations with good reception.

Seeking for DAB service component automatically (only for Type 1/2 A-model)

Press the SEEK buttons to automatically seek for the available DAB service component in the current ensemble.

To skip to the previous/next ensemble, press the SEEK buttons.
Seeking for a radio station

Hold down the SEEK buttons to quickly change the frequency, and then release the button at the desired frequency.

Seeking for a DAB ensemble (only for Type 1/2-A model)

Press and hold the SEEK buttons to automatically seek for the available DAB service component with good reception.

Linking the DAB service (only for Type 1/2-A model)

[DAB-DAB on/DAB-FM off]

[DAB-DAB off/DAB-FM on]
DAB-DAB on/DAB-FM on

When you setup the Auto linking DAB-FM as activated, if the DAB service signal is weak, the Infotainment system receives the linked service component automatically (refer to Settings → Radio settings → DAB settings → Auto linking DAB-FM).

Tuning into radio stations manually

Turn the TUNE dial to manually find the desired broadcasting frequency.

Tuning a DAB station manually (only for Type 1/2-A model)

From the DAB mode, press the MENU button to enter the DAB menu. Turn the TUNE dial to select DAB manual tuning and then press the MENU button. Turn the TUNE dial to manually find the desired broadcasting frequency, and then press the MENU button.
Using the DAB station list (only for Type 1/2-A model)

Turn the TUNE dial to show the DAB stations list.
- The DAB stations list information will be displayed.
- If the DAB stations list is empty, the DAB stations list update is started automatically.

Turn the TUNE dial to select the desired list, and then press the MENU button to receive the relevant broadcasting channel.

Showing the DAB information (only for Type 1/2-A model)

Repeatedly press the INFORMATION [INFO] button to select the desired display mode for the DAB station information.

The number 1 broadcasting information of the selected FAV (favourites) preset page will be displayed.

Using the PRESET buttons

Registering the PRESET button

Press a FAVOURITE [FAV1-2-3] button to select the desired page of saved favourites.

Hold down any of the PRESET [1 ~ 6] buttons to register the current radio or DAB station to that button of the selected Favourites Page.
- Up to 3 favourites pages can be saved, and each page can store up to six radio or DAB stations (only for Type 1/2-A model).
It is possible to setup the number of the favourites pages being used in Settings → Radio settings → Radio favourites (max. No. favourites pages).

If a new radio station is registered to a previously registered PRESET [1 ~ 6] button, its previous content will be deleted and be replaced with the new radio or DAB station that is saved.

Listening to the PRESET button directly

Repeatedly press the FAVOURITE [FAV1-2-3] button to select the desired FAV (favourites) presets page.

The number 1 broadcasting information of the selected FAV (favourites) presets page will be displayed.

Press a PRESET [1 ~ 6] button to directly listen to the radio/DAB station saved to that button.

Using the radio or DAB menu

Press the MENU button to display the radio menu or DAB menu (only for Type 1/2-A model).

Turn the TUNE dial to move to the desired menu item, and then press the MENU button to select the relevant item or to display the item’s detailed menu.

AM/FM/DAB menu → Favourites list

From AM menu/FM menu/DAB menu item, turn the TUNE dial to select the Favourites list, and then press MENU button.

The Favourites list information will be displayed.
Turn the TUNE dial to select the desired Favourites list, and then press the MENU button to receive the relevant broadcasting channel.

AM/FM menu → AM/FM stations list

From the AM menu/FM menu, turn the TUNE dial to select the AM stations list/FM stations list, and then press the MENU button.

The AM stations list/FM stations list information will be displayed.

Turn the TUNE dial to select the desired list, and then press the MENU button to receive the relevant broadcasting channel.

FM/DAB menu → FM/DAB category list

From the FM menu/DAB menu (only for Type 1/2-A model), turn the TUNE dial to move to the FM category list/DAB category list, and then press the MENU button.

The FM category list/DAB category list will be displayed.

Turn the TUNE dial to select the desired list, and then press the MENU button to receive the relevant broadcasting frequency.

DAB menu → DAB announcements (only for Type 1/2-A model)

From the DAB menu (only for Type 1/2-A model), turn the TUNE dial and move to the DAB announcements, and then press the MENU button.

The DAB announcements will be displayed.

Turn the TUNE dial to select the desired lists, and then press the MENU button to receive the relevant broadcasting frequency.
Infotainment system

AM/FM/DAB menu → Update AM/FM/DAB stations list

From the AM menu/FM menu/DAB menu, turn the TUNE dial and move to Update AM stations list/Update FM stations list/Update DAB stations list, and then press the MENU button.

- The AM stations list/FM stations list/DAB stations list update will proceed.
- During the AM stations list/FM stations list/DAB stations list update, press the MENU button or the previous BACK button to stop it from saving changes.

Radio data system (RDS)

- The Radio Data System (RDS) is a service by FM stations that considerably makes it easier to find radio stations with fault-free reception.

View RDS broadcasting information
While receiving RDS broadcasting, press the INFORMATION [INFO] button to check RDS broadcasting information that is being received.

Configuring RDS

Press the CONFIG button to display the Settings menu.

Turn the TUNE dial to move to Radio settings, and then press the MENU button.

Turn the TUNE dial to select RDS options, and then press the MENU button.

Switching RDS on and off
Set the RDS option On or Off.
The following advantages result from activating RDS:

- On the display the programme name of the set station appears instead of its frequency.
- The Infotainment system always tunes into the best receivable broadcasting frequency of the set station by means of AF (alternative frequency).

Switching regionalisation on and off

RDS must be activated for regionalisation.

At certain times, some RDS stations broadcast regionally different programmes on different frequencies.

Set the option Regional (REG) to On or Off.

Only Alternative Frequencies (AF) with the same regional programmes are selected.

If regionalisation is switched off, alternative frequencies of the stations are selected without regarding regional programmes.

From the RDS options menu, turn the TUNE dial to move to Regional: Off, and then press the MENU button to turn on the Regional function.

Switching the Text scroll freeze on and off

Switch the Text scroll freeze function (for displaying the information of the programme service) on or off:

From the RDS options menu, turn the TUNE dial to move to RDS: Off, and then press the MENU button to turn on the RDS function.
From the **RDS options** menu, turn the **TUNE** dial to move to **Text scroll freeze**: **Off**, and then press the **MENU** button to turn on the **Text scroll freeze** function.

**Volume of the traffic announcements (TA)**  
The minimum volume of the traffic announcements (TA) can be preset.  
The minimum volume of the traffic announcements can be increased or reduced in comparison to the normal audio volume.

From the **RDS options** menu, turn the **TUNE** dial to move to **TA volume**, and then press the **MENU** button.  
Turn the **TUNE** dial to adjust the **TA volume** level, and then press the **MENU** button.

**Radio traffic service**  
**TP** = traffic programme  
Radio traffic service stations are RDS stations that broadcast traffic news.  
Switch the traffic announcement standby facility of the Infotainment system on or off:

Outside the phone mode, press the **TP** button to activate or deactivate the traffic programme service function.  
■ If the radio traffic service is switched on, [ ] is displayed in the radio main menu.
If the current station is not a radio traffic service station, then a search is automatically started for the next radio traffic service station.

Once a radio traffic service station has been found, [TP] is displayed in the radio main menu.

If the radio traffic service is switched on, then the CD/MP3/USB/iPod/Bluetooth (only for Type 1/2-A/B models) music or AUX replay is interrupted for the duration of the traffic announcement.

**Blocking out traffic announcements**
Block out a traffic announcement, e.g. during CD/MP3 replay or radio reception:

Outside of the phone mode, press the TP button.
Switch on the radio traffic service and fully turn down the volume of the Infotainment system.
The traffic announcement is aborted, but the radio traffic service remains switched on.

**Blocking out current traffic announcements**
Block out a current traffic announcement, e.g. during TA radio reception:

Outside of the phone mode, press the TP button.
Fixed mast antenna

To remove the roof antenna, rotate it counterclockwise. To install the roof antenna, rotate it clockwise.

**Caution**

Be sure to remove the antenna before entering a place with a low ceiling or it may be damaged.

Entering the automatic car wash with the antenna installed may result in damage to the antenna or the roof panel. Be sure to remove your antenna before entering the automatic car wash.

Install the antenna fully tightened and adjusted to the upright position to ensure proper reception.

Audio players

**CD player**

The CD/MP3 player of this system can play audio CD and MP3 (WMA) discs.

**Before using the CD player**

**Important information about audio CD and MP3 (WMA) discs**

<table>
<thead>
<tr>
<th><strong>Caution</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>In any case, do not insert any DVDs, mini disks with a diameter of 8 cm, or discs with abnormal surfaces in this CD/MP3 (WMA) player. Do not put any stickers on the disk surface. Such disks may get stuck in the CD player, and damage the drive device. If this occurs, then the device will need to be replaced at high costs.</td>
</tr>
</tbody>
</table>
An audio CD disc with an anti-piracy function with no compatibility with the audio CD standard may not work properly or not at all.

CD-R and CD-RW discs that are manually recorded are easier to be handled with carelessness than the original CD discs. Manually recorded CD-R and CD-RW discs should especially be handled with care. Please refer to the following.

Manually recorded CD-R and CD-RW discs may not play properly or at all. In such cases, this is not a problem with the device.

When changing discs, take care to not smear any fingerprints on the playing side.

After removing the disc from the CD/MP3 player, make sure to immediately put the disc into a disc sleeve to prevent it from being damaged or smeared with dust.

If the disc is smeared with dust or liquid, then this may cause problems by contaminating the lens of the CD/MP3 player inside the device.

Protect the disc from heat and exposure to direct light.

**Usable disc type**

This product can play Audio CD/MP3 (WMA) discs.
- CD-DA: CD-R/CD-RW
- MP3 (WMA): CD-R/CD-RW/CD-ROM

MP3 (WMA) files below cannot be played.
- File encoded in MP3i (MP3 interactive) or MP3 PRO standards
- MP3 (WMA) file encoded in non-standards
- MP3 files that are not in MPEG1 Layer3 format

**Cautions for using disc**

Do not use any of the discs described below. Excessive use of these discs in the player may cause problems.

- Discs with stickers, labels, or a protective cell attached
- Discs affixed with a label printed with an inkjet printer
- Discs that are made by over-burning, thus holding data exceeding the standard capacity
- Discs with cracks or scratches or which are bent will not be played properly
- An 8 cm disc or a non-circular disc (quadrangle, pentagon, oval)

Do not put anything other than discs in the disc slot since this may cause trouble or damage.

The disc player may not work properly if the heater is turned on in cold weather due to moisture created inside the device. If this is a concern, keep the product off for about one hour before use.
Infotainment system

- Play may be stopped due to the vehicle shaking while driving on rugged roads.
- Do not forcefully take out or insert the disc or block it with your hand while it is being ejected.
- Insert the disc with the printed side facing up. It cannot be played if it is inserted upside down.
- Do not touch the recording side with your hand while handling the disc (the side without any print or decoration).
- Place discs that are not being used in cases, and keep them in a place not exposed to direct light or high temperature.
- Do not smear any chemical substances on the disc. Clean discs of dirt with a moist, soft cloth, wiping from the centre to the edge.

Caution for using CD-R/RW disc

- When using CD-R/CD-RW discs, only the discs that have been "finalised" can be used.
- Discs that are created with a PC may not play according to the application program setup and environment.
- CD-R/CD-RW discs, especially bulk discs, may not work if they are directly exposed to direct light or high temperature, or if they are kept inside your car for a long time.
- The title and other text information recorded on CD-R/CD-RW discs may not be displayed on this device.
- CD-RW discs may have longer loading times than CDs or CD-R discs.
- Damaged music files may not be played or will be cut off while playing.
- Some anti-piracy discs may not be played.

- An MP3 (WMA) disc can have a maximum of 512 files for each of the 10 folder levels, and a maximum number of 999 files can be played.
- This system can only recognise MP3 (WMA) discs made in ISO-9660 level 1/2 or in the Joliet file system. (It does not support the UDF file system.)
- MP3/WMA files are not compatible with packet writing data transmission.
- The disc on which MP3/WMA files and audio data (CDDA) are written may not be played if it is a CD-Extra or Mixed-Mode CD.
- The file/folder names that can be used per disc storage type are the following ones, including the four-digit file name extensions (.mp3).
  - ISO 9660 Level 1: Maximum of 12 characters
  - ISO 9660 Level 2: Maximum of 31 characters
- Joliet: Maximum of 64 characters (1 byte)
- Windows long file name: Maximum of 128 Characters (1 byte)

**Caution for using MP3/WMA music files**
- This product can play MP3 (WMA) files with .mp3, .wma (lower case letters) or .MP3 and .WMA (capital letters) file name extensions.
- MP3 files that can be played by this product are the following ones
  - Bit rate: 8 kbps ~ 320 kbps
  - Sampling frequency: 48 kHz, 44.1 kHz, 32 kHz (for MPEG-1), 24 kHz, 22.05 kHz, 16 kHz (for MPEG-2)
- While this product can play files with an 8 kbps ~ 320 kbps bit rate, files with a bit rate above 128 kbps will result in high quality sound.
- This product can display ID3 Tag (Version 1.0, 1.1, 2.2, 2.3 or 2.4) information for MP3 files, such as the album name and the artist.
- To display album (disc title), track (track title), and artist (track artist) information, the file should be compatible with the ID3 Tag V1 and V2 formats.
- This product can play MP3 files using VBR. When playing an MP3 file of this VBR type, the remaining time displayed may be different from the real time.
Playing CD/MP3

Main buttons/dial
(9) CD/AUX button
Select the CD/MP3 player.
(14) MENU button with TUNE dial
■ Turn the TUNE dial to move to the track list, menu, or MP3 (WMA) track information item.
■ Press the button to display the menu screen for the current item or current mode.

(8) SEEK buttons
■ Press these buttons to play the previous or next track.
■ Hold down these buttons to rewind or fast forward through the track, and release the button to resume playing at normal speed.

(4) EJECT button
Eject the disc.
(7) INFORMATION button
Display the information for the track being played.
(17) MUTE [X] button
Press (only for Type 2-C model) or hold down (only for Type 1/2-A/B model) this button to turn the mute function on or off.

Insert disk
Insert the disc to be played with the printed surface facing upward in the disc inserting slot.
■ Once the reading of the disc information is completed, it will automatically play from track 1.
■ When a non-readable disc is inserted, the disc will automatically be ejected with the display of a disc error message, and then the system will switch to the previously used function or the FM radio.

When a disc to be played is already inserted, repeatedly press the CD/AUX button to select CD/MP3 play.
■ If there is no disc to be played, No Disc Inserted will be displayed on the screen and the function will not be selected.
■ The track that was previously played will automatically play.
Eject disc

To eject the disc, press the EJECT \(\triangle\) button to take out the disc.

- When the disc comes out, it automatically switches to the previously used function or the FM radio.
- The disc will automatically be inserted back again if it is not taken out for some time.

Changing playing track

Press the SEEK buttons in play mode to play the previous or next track.

Using the steering wheel audio control, tracks can easily be changed by turning the Source \(\triangle\) SRC control knob.

Or turn the TUNE dial to move to the play track list, and then press the MENU button to instantly change it.

Changing playing position

Hold down the SEEK buttons during play mode to rewind or fast forward through the song. Release the button to resume playing the song at normal speed.

The volume is slightly reduced during rewinding and fast forwarding, and the playing time will be displayed.
View information on playing track

Press the INFORMATION [INFO] button in play mode to display information about the track being played.

If there is no information on the playing track for audio CDs, then the system will display No information.

For MP3 (WMA) tracks, more information can be viewed by turning the TUNE dial from the track information display.

- The information displayed includes the file name, folder name, and ID3 Tag information saved with the song.

If incorrect ID3 Tag information (e.g. artist, song title) was added to MP3 (WMA) files before they are burnt to disc, this information will be displayed as is by the Infotainment system.

Incorrect ID3 Tag information cannot be modified or corrected on the Infotainment system (ID3 Tags can only be corrected on a PC).

- The information for songs expressed in special symbols or in unavailable languages may be displayed as ---- or are not displayed at all.

Using the CD menu

Changing the playback mode

From the play mode, press the MENU button to display the CD menu.
Turn the TUNE dial to select the shuffle or repeat playback functions, and then press the MENU button to turn the relevant functions On or Off.

For Audio CD discs, turn the TUNE dial from the CD menu to select the Track list, and then press the MENU button.

Turn the TUNE dial to find the desired track list, and then press the MENU button to play the selected track.

For MP3 (WMA) discs, turn the TUNE dial from the CD menu to select Folders, and then press MENU button.

Turn the TUNE dial to select the desired folder, and then press the MENU button.

Turn the TUNE dial to find the desired track, and then press MENU button to play the selected track from the selected folder.
For MP3 (WMA) discs, turn the TUNE dial from the CD menu, move to Search..., and then press the MENU button.

- After the system reads the disc information, the first song of the playlist [iP] will be displayed.
- If there are no music files in the playlist [iP], the first song for each artist [iA] will be displayed.
- However, it may take a long time to read the disc depending on the number of music files.

Press the MENU button again, and from the displayed search item, turn the TUNE dial to select the desired play mode.

The number of relevant songs will be displayed by Playlist [iP]/Artist [iA]/Album [iL]/Title [iS]/Genre [iG].

Turn the TUNE dial to select the detailed classification item, and then press the MENU button.
Turn the TUNE dial to find the desired track/title, and then press the MENU button to play the selected track.

**Auxiliary devices**

**USB player (only for Type 1/2-A/B model)**

**Cautions for using USB devices**

- Operation cannot be guaranteed if the HDD built-in USB mass storage device or CF or SD memory card is connected by using a USB adapter. Use a USB of flash memory type storage device.
- Take caution to avoid static electricity discharge when connecting or disconnecting the USB. If connection and disconnection are repeated many times in a short time, this may cause a problem in using the device.
- To separate the USB device, use USB Menu → Remove USB by using the MENU button TUNE dial to carry out the removal of the USB device.
- Operation is not guaranteed if the connecting terminal of the USB device is not metal.
- Connection with i-Stick Type USB storage devices may be faulty due to vehicle vibration, so their operation cannot be guaranteed.
- Be careful not to touch the USB connecting terminal with an object or any part of your body.
- The USB storage device can only be recognised when it is formatted in FAT16/32 file format. Only devices with an allocated unit size of 512 Byte/Sector or 2,048 Byte/Sector can be used. NTFS and other file systems cannot be recognised.
- According to the type and capacity of the USB storage device and the type of the stored file, the time it takes to recognise the files may differ. This is not a problem with the product in this case, so please wait for the files to be processed.
- Files in some USB storage devices may not be recognised due to compatibility problems, and connections with a memory reader or a USB hub are not supported. Please check the device's operation in the vehicle before use.
- When devices such as an MP3 player, mobile phone, or digital camera are connected through a mobile disc, it may not operate normally.
- Do not disconnect the USB storage device while it is being played. This may cause damage to the product or the performance of the USB device.
- Disconnect the connected USB storage device when the vehicle ignition is turned off. If the ignition is turned on while the USB storage device is connected, the USB storage device may be damaged or may not operate normally in some cases.
USB storage devices can only be connected to this product for the purpose of playing music files. The product’s USB terminal should not be used to charge USB accessory equipment since the heat generation using the USB terminal may cause performance issues or damage to the product.

When the logical drive is separated from a mass USB storage device, only the files from the top-level logical drive can be played for USB music files. This is the reason that the music files to be played should be stored in the top-level drive of the device. Music files, in particular USB storage devices, may also not be normally played if an application is loaded by partitioning a separate drive inside the USB device.

Music files to which DRM (Digital Right Management) is applied cannot be played.

This product can support USB storage devices that are up to 16 Gigabytes in capacity with a limit of 999 files, 512 folders, and 10 stages of folder structure. Normal usage cannot be guaranteed for storage devices that exceed this limit.

Caution for using USB music files

■ Damaged music files may be cut-off during playback or may not be played at all.

■ Folders and music files are displayed in the order of Symbol → Number → Language

■ A maximum of 64 characters can be recognised for folder or file names written in the Joliet file system.

About MP3 (WMA) music files

■ The MP3 files that can be played are the following ones.

◆ Bit rate: 8 kbps ~ 320 kbps
◆ Sampling frequency:
  - 48 kHz, 44.1 kHz, 32 kHz (for MPEG-1)
  - 24 kHz, 22.05 kHz, 16 kHz (for MPEG-2)

■ This product displays MP3 (WMA) files with the mp3, .wma (lower case letters) or .MP3 or .WMA (capital letters) file name extensions.

■ This product can display ID3 tag (Version 1.0, 1.1, 2.2, 2.3, 2.4) information about album, artist, etc. for MP3 files.

■ The file/folder names that can be used according to the storage type are the following ones, including the four character file name extension (.mp3).

◆ ISO 9660 Level 1: Maximum of 12 characters
◆ ISO 9660 Level 2: Maximum of 31 characters

About MP3 (WMA) music files

◆ Bit rate: 8 kbps ~ 320 kbps
◆ Sampling frequency:
  - 48 kHz, 44.1 kHz, 32 kHz (for MPEG-1)
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This product displays MP3 (WMA) files with the mp3, .wma (lower case letters) or .MP3 or .WMA (capital letters) file name extensions.

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The file/folder names that can be used according to the storage type are the following ones, including the four character file name extension (.mp3).

◆ ISO 9660 Level 1: Maximum of 12 characters
◆ ISO 9660 Level 2: Maximum of 31 characters
Infotainment system

- Joliet: Maximum of 64 characters (1 byte)
- Windows long file name: maximum of 128 characters (1 byte)

This product can play MP3 files which use VBR. When a VBR type MP3 file is being played, the remaining time displayed may be different from the actual time remaining.

Main buttons/dial
The following main buttons and dials are used to play USB music files.

9) CD/AUX button
Press the button repeatedly when the USB device is connected to select the USB play mode.

14) MENU button with TUNE dial
- Turn the dial to move to the track list, menu or MP3 (WMA) track information.
- Press the button to display the menu screen provided by the current item or current mode.

8) SEEK buttons
- Press these buttons to play the previous or next track.
- Hold down these buttons to rewind or fast forward, and then release to play at normal speed.

7) INFORMATION [INFO] button
Displays the information of the track being played.

16) BACK button
Cancel the input item or return to the previous menu.

17) MUTE [✱] button
Hold down the button to turn the mute function on or off.

Connecting the USB Storage Device
Connect the USB storage device with music files to be played to the USB connecting terminal.
Once the product finishes reading the information on the USB storage device, it will automatically play.

If a non-readable USB storage device is connected, then an error message will appear and the product will automatically switch to the previously used function or the FM radio function.

If the USB storage device to be played is already connected, repeatedly press the CD/AUX button to select the USB player.

It will automatically play from the previous playing point.

Afterwards, the functions of the USB player are operated similarly to CD/MP3 playback.

**Ending USB music files playback**

Press the RADIO BAND or CD/AUX button to select other functions.

To end play and disconnect the USB storage device, use the USB menu → Remove USB function to safely remove the USB storage device.

**Using the USB menu**

The instructions for Shuffle songs/Repeat/Folders/Search... from the USB menu are similar to the CD/MP3 player's CD menu; only the Remove USB item has been added. Refer to the CD/MP3 player functions from the CD menu.

**USB menu → Remove USB**

Press the MENU button from play mode to display the USB menu. Turn the TUNE dial to move to Remove USB, and then press the MENU button to display the message notifying you that it is safe to remove the USB device.

Disconnect the USB device from the USB connection terminal.

Return to the previously used function.
iPod player (only for Type 1/2-A/B model)

Main buttons/dial
The following main buttons and controls are used to play iPod music files.

(9) CD/AUX button
Press the button repeatedly when the iPod is connected to select the iPod play mode.

(14) MENU button with TUNE dial
- Turn the dial to move and display the track list that is playing.
- Press the button to display the menu screen provided by the current item or current mode.

(8) SEEK buttons
- Press these buttons to play the previous or next track.
- Hold down these buttons to rewind or fast forward, and then release to play at normal speed.

(7) INFORMATION [INFO] button
Displays the information of the track being played.

(16) ◇ BACK button
Cancel the previous item or return to the previous menu.

(17) MUTE [•] button
Press (only for Type 2-C models) or hold down (only for Type 1/2-A/B models) the button to turn the mute function on or off.

Connecting the iPod player

Connect the iPod with music files to be played to the USB connecting terminal.

Some iPod/iPhone product models may not be supported.

- Only connect the iPod to this product with connection cables supported by iPod products. Other connection cables cannot be used.

- In some cases, the iPod product may be damaged if the ignition is turned off when it is connected to the product.

When the iPod product is not being used, keep it separately from this product with the car ignition turned off.
Once the product finishes reading the information on the iPod device, it will play automatically.

If a non-readable iPod device is connected, then the relevant error message will appear and the product will automatically switch to the previously used function or the FM radio function.

If the iPod device to be played is already connected, repeatedly press CD/AUX button to select the iPod player.

It will automatically play from the previously played point.

The playback functions and the information display items of the iPod player used with this product may be different from the iPod in terms of play order, method, and the information displayed.

Refer to the following table for the classification items related to the search function provided by the iPod product.

Afterwards, the functions to play the iPod are operated similarly to CD/MP3 playback.

Log-off iPod playback
To end playback, press the RADIO BAND or CD/AUX button to select other functions.

Using the iPod menu
From the iPod menu, the instructions for Shuffle Songs/Repeat/Search... (including Audio books and Composers) are similar to the CD/MP3 player's CD menu; only the Eject iPod item has been added.

Refer to each item of CD/MP3 for use.

iPod Menu → Eject iPod

Press the MENU button from play mode to display the iPod menu.
Turn the TUNE dial to move to the Eject iPod function, and then press the MENU button to display the message notifying you that it is safe to remove the device.
Separate the iPod device from the USB connection terminal.
Return to the previously used function.

Exterior Sound (AUX) Input

Main buttons/dial
The following main buttons and dials are used to enjoy the rich sound of the Infotainment system from the sound output of a connected exterior sound device.

(9) CD/AUX button
When an exterior sound device connected, press the button repeatedly to select the exterior sound (AUX) input mode.

(2) VOLUME [VOL] dial
Turn the dial to adjust the volume.

(17) MUTE [●] button
Hold down the button to turn the mute function on or off.

Connecting an exterior sound
Connect the audio output of the external audio equipment to the AUX input terminal 1 or 2 (optional).

Press the CD/AUX button to switch to the exterior sound input mode if the exterior sound system has already been connected.
Turn the the VOLUME [VOL] dial to adjust the volume.

- AUX 1: Positioned in the Infotainment device
- AUX 2: Positioned inside the glove box of the passenger seat
- The Infotainment system will automatically switch to the exterior sound (AUX) input mode when the exterior sound device is connected.
Phone

Bluetooth®

Main buttons/dial
The following main buttons and controls are used to play music files or use the call functions via a Bluetooth device.

(9) CD/AUX button
When a Bluetooth device with a music player function is connected, press this button repeatedly to select Bluetooth audio play mode.

(14) MENU button with TUNE dial
■ Press the button in Bluetooth phone mode to display the menu screen.
■ Turn the dial to move to the menu or setup value.

(8) SEEK buttons
■ Press these buttons in Bluetooth audio play mode to play the previous or next track.
■ Hold down these buttons to rewind or fast forward, and release to play at normal speed.

(17) PHONE [📞] / MUTE [✉]
■ Press this button to activate Bluetooth mode.
■ Hold down the button to turn the mute function on or off.

Connecting Bluetooth

Registering the Bluetooth device
Register the Bluetooth device to be connected to the Infotainment system.
Firstly, set up the Bluetooth device to be connected from the Bluetooth settings menu to enable other devices to search for the Bluetooth device.

Press the CONFIG button, and use the MENU button with TUNE dial to move to Phone menu → Bluetooth settings → Bluetooth → Add device, and then press the MENU button.

Bluetooth devices can be registered not only by using the CONFIG button, but also by using Phone Menu → Bluetooth settings → Bluetooth → Add Device.
If there already is a Bluetooth device connected to the Infotainment system, the **Bluetooth is busy** message will appear.

Connection standby will be displayed with a message and a security code. (The initial value is 0000, and can be changed from **Settings → Bluetooth settings → Bluetooth → Change Bluetooth Code** item.)

The Infotainment system can be found by searching the to-be-connected Bluetooth device. Enter the security code for the Infotainment system through the Bluetooth device.

If the registration of the device to be connected to the Infotainment system is successful, then the screen will display the information of the Bluetooth device.

- The Infotainment system can register up to five Bluetooth devices.
- In some Bluetooth devices, it is only possible to use it when the **Always connect** item is set.

### Connecting/deleting/separating the Bluetooth devices

![Bluetooth settings menu]

**Caution**

If there is a Bluetooth device already connected, that device needs to be disconnected first.

Firstly, set up the Bluetooth device to be connected from the **Bluetooth settings** menu to enable other devices to search for the Bluetooth device.
Press the **CONFIG** button, and use the **MENU** button with **TUNE** dial, to move to **Settings → Bluetooth settings → Bluetooth → Device list** and then press the **MENU** button.

You can register by using the **MENU** button with **TUNE** dial, moving to select the item, moving to delete the item to delete, and then pressing the **MENU** button.

To disconnect the currently connected Bluetooth device, from the device list screen, select the connected device, which will display **Disconnect**, and then press the **MENU** button.

**Cautions for registering/connecting Bluetooth**

- When it is not possible to connect to Bluetooth, delete the entire device list from the Bluetooth device to be connected, and try again. If deleting the entire device list does not work, then reinstall the battery and reconnect.
If there is a problem after the Bluetooth device is connected, use the MENU button with TUNE dial to carry out Settings → Bluetooth settings → Restore factory settings. Initialise the device with the problem caused by an error that occurred with the connection of the Bluetooth device and the Infotainment system.

Sometimes, Bluetooth can only be connected through hands-free or the Bluetooth audio play functions despite a stereo headset being connected. In this case, try and reconnect the Infotainment system using the Bluetooth device.

For Bluetooth devices that do not support stereo headsets, the Bluetooth audio play function cannot be used.

It is not possible to listen to the music through the Bluetooth audio if an iPhone is connected through a USB connector. This is because of the unique specifications of the mobile phone.

Bluetooth audio

How to play Bluetooth audio

- A mobile phone or Bluetooth device that supports A2DP (Advanced Audio Distribution Profile) versions over 1.2 must be registered and connected to the product.

- From the mobile phone or Bluetooth device, find the Bluetooth device type to set/connect the item as a stereo headset.

A musical note icon \[\text{\Huge \n}\] will appear at the bottom right of the screen if the stereo headset is successfully connected.

- Do not connect the mobile phone to the Bluetooth connection terminal. An error may occur if it is connected during the CD/MP3 and Bluetooth audio play mode.

Playing Bluetooth audio

Press the CD/AUX button repeatedly to select the connected Bluetooth audio play mode.

If the Bluetooth device is not connected, then this function cannot be selected.

Activating the mobile phone or Bluetooth device will play the music files.
The sound played by the Bluetooth device is delivered through the Infotainment system.

- For Bluetooth audio to play, the music must at least be played once from the music player mode of the mobile phone or Bluetooth device after connecting as a stereo headset. After being played at least once, the music player will automatically play upon entering play mode, and it will automatically stop when the music player mode ends. If the mobile phone or Bluetooth device is not in the waiting screen mode, some devices may not automatically play in Bluetooth audio play mode.

Press the SEEK buttons to switch to the previous or next track, or hold down these buttons to fast forward or rewind.

- This function only operates with Bluetooth devices that support AVRCP (Audio Video Remote Control Profile) version 1.0 or above. (Depending on the Bluetooth device options, some devices may display AVRCP being connected for the initial connection.)
- The information about playing track and track position will not be displayed on the Infotainment system screen.

Cautions for playing Bluetooth audio
- Do not change the track too quickly when playing Bluetooth audio. It takes some time to transmit data from the mobile phone to the Infotainment system.
- The Infotainment system transmits the order to play from the mobile phone in the Bluetooth audio play mode. If this is done in a different mode, then the device transmits the order to stop. Depending on the mobile phone’s options, this order to play/stop may take some time to activate.
- If the mobile phone or Bluetooth device is not in the waiting screen mode, it may not automatically play despite being carried out from the Bluetooth audio play mode.

If Bluetooth audio playback is not functioning, then check to see if the mobile phone is in the waiting screen mode.

- Sometimes, sounds may be cut off during the Bluetooth audio playback. The Infotainment system outputs the audio from the mobile phone or Bluetooth device as it is transmitted.

Bluetooth error messages and measures
- Bluetooth deactivated
  Check if Bluetooth activation is setup as on. The Bluetooth function can be used upon turning on Bluetooth activation.
- Bluetooth is busy
  Check if there are any Bluetooth devices connected. To connect another device, disconnect any other connected devices first, and then reconnect.
- Device list is full
  Check if there are less than 5 registered devices. No more than 5 devices can be registered.
- **No phone book available**
  This message will be displayed if the mobile phone does not support contacts transmission. If this message appears after several attempts, then the device does not support contacts transmission.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The message will be displayed when the transmission of contacts is supported while information with a device error is also transmitted. Update the device again if this occurs.</td>
</tr>
</tbody>
</table>

- **Phone book is empty**
  This message is displayed if no phone numbers are stored in the mobile phone. This will also be displayed if the phone log transmission is supported, but in a way that is not supported by the Infotainment system.

---

**Hands free phone**

**Taking calls**

When a phone call comes through the connected Bluetooth mobile phone, the playing track will be cut off and the phone will ring with the relevant information displayed.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>It is possible to transfer your ringtone depending on the mobile phones. Adjust the ringtone volume of the mobile phone if the volume is too low.</td>
</tr>
</tbody>
</table>

To talk on the phone, press the call button on the steering wheel audio control or turn the TUNE dial to move to the answer function, and then press the MENU.
■ To reject a call, press the Hang up [endez] button on the steering wheel audio control or use the MENU button with TUNE dial and select Decline.

■ While talking on the phone, it is possible to block the transmitted sound by selecting the Mute Mic (mute microphone) item by using the MENU button with TUNE dial.

■ While talking on the phone, hold down the call button from the steering wheel remote control to change to the private call mode (some phones may not support the private call mode depending on the phone's options).

■ When a call is received with the Infotainment system and Bluetooth is being connected, there are mobile phones that do not automatically change to the private call mode. This depends on the original specifications of each mobile phone.

■ When it is possible to use services related to a third-party conversation supported by the communications service provider through an application, it is possible to make calls during a call through the Infotainment system.

■ While third or more-party conversations, displaying contents may differ from practical information.
Ending a call

To end the call, press the Hang up [📞] button on the steering wheel remote control or turn the TUNE dial to move to Hang up, and then press the MENU button.

Calling by Redial

From the steering wheel audio control, press the call button to display the redial guidance screen, or hold down the button to display the caller log screen.

Turn the TUNE dial to select Yes or contacts, and then press the MENU button or the call button to make a call.

- If the mobile phone is not in waiting mode, your phone might not support the redial function. This depends on the mobile phone’s options.
- When redialling a number, the connected phone number will not be displayed.
- Depending on the mobile phone, there are cases in which the call is made through the call history of the received or missed calls instead of the redial mode. This depends on the mobile phone’s options.
Press the MENU button while the phone is connected to display the connecting functions as shown above.

Use the MENU button with TUNE dial to use the functions in the menu that appears.

While talking on the phone, hold down the call button on the steering wheel remote control to switch to private mode.

To make a call by entering the phone number, press the MENU button and turn the TUNE dial to select Enter Number, and then press the MENU button.

Turn the TUNE dial to select the desired letters, and then press the MENU button to enter the number.

- Repeat this item to enter all telephone numbers.
- Press the BACK button to delete a letter one by one, or hold down the button to delete all content that has been entered.
- Refer to the following contents to edit the input contents.

1. Move [►►]: Move input position
2. Delete [⌫]: Delete input character
3. Phone book [ 관한]: Search contacts (usable after updating the phone numbers)
4. Dial [ 전화 ]: Start dialling

After the telephone number has been fully entered, turn the TUNE dial to start dialling [ 전화 ], and then press the MENU button to make a call.
To end a call, turn the TUNE dial to choose Hang up, and then press the MENU button.

Using the Phone menu
Phone menu → Phone book → Search

Press the MENU button, turn the TUNE dial to select Phone book, and then press the MENU button.
A notification will appear on screen, with no contacts to use, and you will be returned to the previous menu.
Turn the TUNE dial to select Search, and then press the MENU button.
Turn the TUNE dial to select First Name or Last Name, and then press MENU button.

Turn the TUNE dial to select search terms/range, and then press the MENU button.
Turn the **TUNE** dial from the search results screen to select the desired item, and then press the **MENU** button to view the details for that item.

To call the relevant number, press the **MENU** button. For more information, refer to the making phone calls item.

**Phone menu → Phone book → Update**

Update the contacts of the connected mobile phone to the system’s contacts.

Using the **MENU** button with **TUNE** dial, select **Phone menu → Phone book → Update**, and then press the **MENU** button.

Turn the **TUNE** dial to select **Yes** or **No**, and then press the **MENU** button to activate or cancel the update.

**Notice for updating contacts**

- This function can be used with mobile phones that support a contacts update and the call history transmission function. (If the product is connected to a mobile phone that does not support these functions, the call history can be displayed through the Infotainment system.)
- Update is not supported for more than 1,000 contact numbers.
Be aware that hands-free and Bluetooth audio playback will be cut-off while proceeding with updates for contacts (other functions except for hands-free and Bluetooth audio playback can be used.)

To update your contacts, it is possible to request for the transmission certification for contacts. If the waiting screen does not change for a long time, you can check whether the mobile phone is requesting for certification. When requesting for certification of the mobile phone, all Bluetooth connections will be cut off if it is not accepted, and then the device will be reconnected.

If there is a problem in the stored information of the mobile phone, the contacts may not be updated.

The Infotainment system only uses information coded in UTF-8 format.

If other operations (game, map search, navigation, etc.) are activated during the contacts update or call history transmission progress, the update/transmission process may not work. This is because other operations running on the mobile phone are affecting the data transmission.

When requesting for the certification of the mobile phone, all Bluetooth connections will be cut off if it is not accepted, and then the device will be reconnected.

If there is a problem in the stored information of the mobile phone, the contacts may not be updated.

The Infotainment system only uses information coded in UTF-8 format.

If other operations (game, map search, navigation, etc.) are activated during the contacts update or call history transmission progress, the update/transmission process may not work. This is because other operations running on the mobile phone are affecting the data transmission.

When receiving the call history, it is possible to request for the transmission certification for the call history from the mobile phone. If the waiting screen does not change for a long time, check whether the mobile phone is requesting for certification.

When the contacts update or call history transmission is completed, all hands-free and Bluetooth audio play modes will be automatically disconnected and then reconnected.

If the user disconnects the connection directly (using the Infotainment or mobile phone), the auto connection function does not take place. Auto-connection: This function automatically finds and connects the device that was last connected.

The contacts update can only receive four numbers per contacts directory (Mobile Phone, Office, Home, and Other).
Changing the language setup during the contacts update will delete all previous updates.

If the mobile phone is not set with a waiting screen, calls may not be made to this Infotainment system.

If the OS of the mobile phone gets updated, it may change how the phone's Bluetooth function works.

Special characters and unsupported languages will be displayed as ____.

Calls registered in the contacts without any name will be indicated as No number in contact.

The Infotainment system will display contacts, call history, and redial information as it is transmitted from the mobile phone.

**Phone menu → Phone book → Delete all**

Every single phone number that has been stored in the system contacts will be deleted.

Use the MENU button with TUNE dial to select Phone Menu → Phone book → Delete all, and then press the MENU button.

Turn the TUNE dial to select Yes or No, and then press the MENU button to delete all contacts or to cancel.

**Phone Menu → Call lists**

Check, use, or delete contacts.

Use the MENU button with TUNE dial to select Phone Menu → Call lists, and then press the MENU button.

Use the TUNE dial to select the detailed call history, and then press the MENU button.
Turn the **TUNE** dial to check the call history and to make a call.

Press the **MENU** button to call the selected number from the call history.

■ If the **Please wait** screen continues to be displayed for too long after selecting the call log, check if the mobile phone is requesting verification of the transfer of call numbers. After completing the mobile phone verification procedures, the contacts and the call log will be transmitted to the Infotainment system.

■ The call log from the mobile phone and the log displayed on the Infotainment system may be different. This Infotainment system shows the information transmitted from the mobile phone as it is.

**Phone menu → Bluetooth settings**

To set up the ring tone and its volume used by the Bluetooth function, use the **MENU** button with **TUNE** dial to select **Sound & Signal**, and then set up the desired items with the **MENU** button.

- It is possible that the ringtones you already have are transferred to the Infotainment system depending on
the mobile phone. For such mobile phones, it is not possible to use the selected ringtone.

- For mobile phones that transfer your ringtones, the volume of the ringtone will be based on the volume transmitted from the mobile phone. Adjust the ringtone volume of the mobile phone if the volume is too low.

To reinitialise the Bluetooth settings to their default values, use the MENU button with TUNE dial to select the initial setup restoration item, and then select Yes with the MENU button.
Climate control systems

Heating and ventilation system

Controls for:
- Temperature
- Fan speed
- Air distribution
- Heating
- Defrosting windsreen
- Air recirculation
- Heated rear window 30 and outside mirror 28.

Temperature
Adjust the temperature by turning the knob.
red = warm
blue = cold

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

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

Air distribution
Select air outlet by turning the centered knob.

Air flow is directed to the upper body. Each vent can be adjusted.

Air flow is directed to the upper body and floor.

Most of the air flow is directed to the floor, with a small amount of the air directed to the windscreen and side vents.
Climate control

Air flow configuration:

- 🌬️: Most of the air flow is directed to the floor and the windscreen with a small amount directed to the side vents.
- 🌬️: Most of the air flow is directed to the windscreen with a small amount of air directed to the side vents.

**Heating**

**Normal heating**
1. Turn temperature control knob to red area for heating.
2. Turn air distribution knob.
3. Turn fan control knob to desired speed.

**Maximum heating**
Use the maximum heating mode for quick heating.
Do not use it for lengthy periods. It can result in an accident because the interior air may become stale and the windows may fog causing loss of driver's visibility.

To clear the windows, turn the air distribution knob to DEFROST 🌬️.

For maximum heating:
1. Push recirculation button for the recirculation mode.
2. Turn temperature control knob all the way to the red area for heating.
3. Turn fan control knob to maximum speed.

**Defrosting the windscreen**

1. Turn the air distribution knob to DEFROST 🌬️.
2. Turn temperature control knob to red area for warm air.
3. Adjust the fan control knob to highest speed for quick defrosting.
4. Open side air vents as required and direct them towards the door windows.
Caution

The difference between the outside air and the temperature of the windscreen can cause the windows to fog, thereby restricting your front vision.

Do not use FLOOR/DEFROST or DEFROST in extremely humid weather when the temperature control knob is set to the blue area.

This can lead to an accident which can damage your vehicle and cause personal injuries.

Air recirculation system

The air recirculation mode is operated with the button.

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driving with recirculation mode for prolonged period of time can make you sleepy. Periodically turn to the outside air mode for fresh air. 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. The quality of the passenger compartment air deteriorates, which may cause the vehicle occupants to feel drowsy.</td>
</tr>
</tbody>
</table>

Heated rear window and outside mirror

The heated rear window and outside mirror is operated with the button. Heated rear window 30, heated mirrors 28.

Air conditioning system

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not sleep in a vehicle with the air conditioning or heating system on. It may cause serious harm or death due to a drop in oxygen content and/or body temperature.</td>
</tr>
</tbody>
</table>
Controls for:
- Temperature
- Fan speed
- Air distribution
- Demisting and Defrosting
- Air recirculation
- Cooling

**Temperature**
Adjust the temperature by turning the knob.

red = warm
blue = cold

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

**Air distribution**
Select air outlet by turning the centered knob.

M: Air flow is directed to the upper body. Each vent can be adjusted.
L: Air flow is directed to the upper body and floor.
K: Most of the air flow is directed to the floor, with a small amount of the air directed to the windshield and side vents.
J: Most of the air flow is directed to the floor and the windshield with a small amount directed to the side vents.
V: Most of the air flow is directed to the windshield with a small amount of air directed to the side vents.

**Demisting the windscreen**

1. Turn the air distribution knob to DEFROST.
2. The recirculation button will be set to air fresh mode and air conditioning system on automatically.
   If air conditioning system on is not needed, turn the air distribution knob to FLOOR/DEFROST.
3. Select desired temperature.
4. Adjust the fan control knob to desired speed.
Air recirculation system

The air recirculation mode is operated with the button.

**Warning**

Driving with recirculation mode for prolonged period of time can make you sleepy. Periodically turn to the outside air mode for fresh air.

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. The quality of the passenger compartment air deteriorates, which may cause the vehicle occupants to feel drowsy.

**Cooling**

Operated with the button and is functional only when the engine and fan are running.

The air conditioning system cools and dehumidifies (dries) as soon as outside temperature is a little 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 to save fuel.

The air conditioning will not operate when the fan control knob is in the off position.

Even though the air conditioning is turned on, the vehicle will produce warm air if the temperature knob is set in the red area.

To turn off the air conditioning system, turn the fan knob to 0.

---

**Caution**

Use only correct refrigerant

**Warning**

Climate control systems have to be serviced exclusively by qualified personnel. Improper service methods may cause personal injury.

**Normal cooling**

1. Operate the air conditioning system.
2. Turn temperature control knob to blue area for cooling.
3. Turn the air distribution knob.
4. Adjust the fan control knob to the desired speed.
Maximum cooling

To achieve maximum cooling during hot weather and when your vehicle has been exposed to the sun for a long time:

1. Operate the air conditioning system.
2. Push recirculation button for the recirculation mode.
3. Turn temperature control knob all the way to the blue area for cooling.
4. Turn fan control knob to highest speed.

Air vents

Adjustable air vents

At least one air vent must be open while cooling is on in order to prevent the evaporator from icing up due to lack of air movement.

The central vent is not closed completely.
Direct the flow of air by tilting and swiveling the slats.

Turn the knob counterclockwise to open the side vents, and rotate it to the direction you want.
If you do not want the flow, turn the knob clockwise.

⚠️ 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 front door windows and in the foot wells.

Maintenance

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

Pollen filter

Passenger compartment air filter
The filter cleans dust, soot, pollen and spores from the air entering the vehicle through the air intake.

Filter replacement:
1. Remove the glovebox.
   To remove the glovebox, open and pull it.
2. Remove the filter cover by unscrewing out both sides of the cover.
3. Replace the air conditioner filter.
4. Assemble the filter cover and glovebox in reverse order.

Note
We recommend that you consult your authorised workshop to replace the filter.

Caution
More frequent maintenance of the air filter is required if the driving circumstances are dusty roads, air pollution areas, and frequent unpaved roads. The filter efficiency is decreased and the bronchus is badly affected.

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 outside temperature is low.

Service
For optimal cooling performance, it is recommended to annually check the climate control system:
- Functionality and pressure test
- Heating functionality
- Leakage check
- Check of drive belts
- Cleaning of condenser
- Evaporator drainage
- Performance check

Caution
Use only correct refrigerant

Warning
Climate control systems have to be serviced exclusively by qualified personnel. Improper service methods may cause personal injury.
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.

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

Steering
If power steering assist is lost due to the engine stopping or due to a system malfunction, the vehicle can be steered but it may require increased effort.

Control indicator ⬤ 77.

Caution
Vehicles equipped with hydraulic power steering:
If the steering wheel is turned until it reaches the end of its travel, and is held in that position for more than 15 seconds, damage may occur to the power steering system and there may be loss of power steering assist.
Starting and operating

New vehicle running-in

Use the following precautions for the first few hundred kilometres to improve the performance and economy of your vehicle and add to its long life:

■ Avoid full-throttle starts.
■ Do not race the engine.
■ Avoid hard stops except in emergencies. This will allow your brakes to bed in properly.
■ Avoid quick starts, sudden accelerations, and prolonged highspeed driving in order to avoid damage to the engine and to conserve fuel.
■ Do not tow any other vehicle.

Ignition switch positions

<table>
<thead>
<tr>
<th>Position</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 (LOCK)</td>
<td>Ignition off</td>
</tr>
<tr>
<td>1 (ACC)</td>
<td>Ignition off, steering wheel lock released</td>
</tr>
<tr>
<td>2 (ON)</td>
<td>Ignition on, preheating for diesel engine</td>
</tr>
<tr>
<td>3 (START)</td>
<td>Starting</td>
</tr>
</tbody>
</table>

⚠️ Danger

Do not turn the key to 0 or 1 position while driving. Vehicle and brake assistance would not operate, causing vehicle damage, personal injury or possibly death.

⚠️ Caution

Do not leave the key in 1 or 2 position for extended periods while the engine is not running. This will discharge the vehicle battery.
Starting the engine

Starting engine with the ignition switch

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

- Diesel engine: turn the key to position 2 for preheating until \( \text{\textcopyright} \) goes out.
- Turn the key to position 3, depressing the clutch pedal and footbrake then release when engine is running.

Before restarting or to switch off the engine, turn key back to 0.

Caution

Do not operate starter motor for more than 10 seconds at a time.
If the engine does not start, wait 10 seconds before trying again.
This will prevent starter motor damage.

Stop-start system

The stop-start system helps to save fuel and to reduce the exhaust emission. The engine turns off automatically when the vehicle is at low speed or standstill.

The engine will restart automatically as soon as the clutch is depressed.

Activation

The stop-start system is activated as soon as the ignition is on.

Deactivation

Deactivate the stop-start system manually by pressing the eco button. The deactivation is indicated by the LED in the button going off.
Automatic engine stop
If the vehicle is at low speed or in standstill, activate the automatic engine stop as follows:
■ Shift the selector lever to N
■ Release the clutch pedal
The engine will be turned off while the ignition remains on.

The engine stop is indicated by the needle on the AUTOSTOP position in the tachometer.
During an automatic engine stop, the heating performance, power steering and brake performance will maintain.

Air conditioning system may or may not inhibit the stop and start system according to the cooling performance.

Conditions for an automatic engine stop
■ The stop-start system is not manually deactivated
■ The bonnet is fully closed
■ The driver’s door is closed or the driver’s seat belt is fastened
■ The vehicle battery is sufficiently charged and in good condition
■ The engine is warmed up
■ The engine coolant temperature is not too low
■ The ambient temperature is not too low
■ The defrosting function is not activated
■ The climate control system does not inhibit an engine stop
■ The brake vacuum is sufficient
■ The vehicle has moved since the last automatic engine stop

Restart of the engine by the driver
Depress the clutch pedal to restart the engine.
The engine start is indicated by the needle on the idle speed position in the tachometer.
If the selector lever is shifted out of N before depressing the clutch first, \* illuminates.
The indicator goes out as soon as the clutch pedal is depressed.

Restart of the engine by the stop-start system
If one of the following conditions occurs during engine stop, the engine will be restarted automatically by the stop-start system.
■ The stop-start system is manually deactivated
■ The bonnet is opened
■ The driver’s seat belt is unfastened and the driver’s door is opened
■ The engine temperature is too low
■ The vehicle battery is low
The brake vacuum is not sufficient
The vehicle starts to move
The defrosting function is activated
The climate control system requests an engine start

Parking
Do not park the vehicle on an easily ignitable surface. The high temperature of the exhaust system could ignite the surface.
Always apply parking brake without pressing release button. Apply as firmly as possible on downhill or uphill slopes. Depress the foot brake at the same time to reduce operating force.
Switch off the engine and ignition. Turn the steering wheel until the steering wheel lock engages.
If the vehicle is on a level surface or uphill slope, engage first gear before switching off the ignition. On an uphill slope, turn the front wheels away from the kerb.
If the vehicle is on a downhill slope, engage reverse gear before switching off the ignition. Turn the front wheels towards the kerb.
Close windows.
Lock the vehicle and activate the anti-theft alarm system.

Engine exhaust

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.

Diesel particle filter
The diesel particle filter system filters harmful soot particles out of the exhaust gases. The system includes a self-cleaning function that runs automatically during driving. The filter is cleaned by burning off the soot particles at high temperature. This process takes place automatically under set driving conditions and may take up to 25 minutes. Fuel
Driving and operating

consumption may be higher during this period. The smell of emission and smoke during this process is normal.

Under certain driving conditions, e.g. short distances, the system cannot clean itself automatically.

If the filter requires cleaning control indicator \( \equiv \) flashes. Continue driving, keeping engine speed above 2000 rpm. Diesel particle filter cleaning is then started.

The control indicator \( \equiv \) extinguishes as soon as the self-cleaning operation is complete.

### Caution

If the cleaning (regeneration) process is interrupted more than once, there is a great risk of provoking severe engine damage.

### Catalytic converter

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

### Caution

Fuel grades other than those listed on pages \( \equiv \) 181, \( \equiv \) 252 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.

### Caution

Do not touch the catalytic converter during engine operation, because the catalytic converter is very hot so the skin (i.e. hand or body) can be burned. Let the catalytic converter cool down for over two hours under ambient temperature after the engine has been stopped before touching it.
Automatic transmission

The automatic transmission permits manual gear shifting (manual mode) or automatic gear shifting (automatic mode).

The automatic transmission is an electronically controlled six-speed transmission.

Sixth gear is overdrive.

Starting the vehicle

1. After warming up the engine, continue to press the brake pedal while shifting the selector lever to either the R, D, or M position.

Caution

Do not shift between D (Drive) and R (Reverse) or P (Park) while the vehicle is moving. This will cause damage to your transmission and personal injury.

2. Release the parking brake and the brake pedal.

3. Slowly press the accelerator pedal to set the vehicle in motion.

Transmission display

It is located in the instrument cluster. It indicates the selected gear or transmission mode.

Selector lever

P (PARK): Locks the front wheels. Select P only when the vehicle is stationary and the parking brake is applied.

R (REVERSE): Reverse transmission position. Select R only when the vehicle is stationary.

N (NEUTRAL): Neutral gear position.

D: This drive position is for all normal driving conditions. Allows the transmission to shift into all six forward gears.

M: Manual mode position.
Driving and operating

**Caution**

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.
Do not use the P (Park) position in place of the parking brake.
Turn off the engine, apply the parking brake, and remove the ignition key when leaving the vehicle.
Never leave the vehicle unattended while the engine is running.

**Shifting between gear positions**

Movement between certain gear positions requires pressing the release button on the side of the selector lever.
Follow the descriptions as indicated by the arrows when shifting the selector lever.

Push the release button to shift. Arrows indicate shifts that do not require you to push the release button.
Depress the brake pedal and push release button to shift.
Shifts that require you to push the release button are indicated by arrows.

Shift freely.

**Manual mode**

Move selector lever position M. Press the shift gear button in the side of the selector lever.

**UP (+)**: to shift up gear.

**DOWN (-)**: to shift down gear.

To maintain the required levels of vehicle performance and safety, the system may not execute certain gearshifts when the selector lever is operated.

In manual mode, downward shifts are made automatically when the vehicle slows down. When the vehicle stops, 1st gear is automatically selected.

### Caution

Shift properly according to road conditions.

**Engine braking**

To help use the braking effect of engine compression when driving on a long downhill select manual mode downshift to a lower gear in a sequential order.

### Warning

Do not downshift transmission by two or more gear positions at a time.
This prevents damage to your transmission or loss of control and personal injuries.

### Note

Use of engine compression during long mountainous descents may prolong the life of your brakes.

**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**

After stopping the vehicle by pressing the brake pedal, engage P and pull the parking brake lever up firmly and then remove ignition key.
Driving and operating

Kickdown

For faster acceleration press the accelerator pedal all the way down and hold. The transmission shifts to a lower gear depending on the engine speed.

Fault

In the event of a fault, the malfunction indicator light illuminates. The transmission no longer shifts automatically nor manually because it is locked in a certain gear. 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.

If the vehicle battery is not the cause of the fault, release selector lever and remove ignition key from ignition lock.

Release selector lever

Before shifting from park (P), the ignition must be on and you must depress the brake pedal all the way down. If you cannot shift out of P with the ignition on and the brake pedal depressed:

1. Turn the ignition off and remove the key.
2. Depress and hold the brake pedal and pull the parking brake lever up.

3. Remove the cap on the console with a thin object such as a flat-head screwdriver.
4. Insert and press the ignition key into the slot.
5. Shift to neutral (N).
6. Remove the key from the slot.
7. Reinstall the cap.
8. Have your vehicle repaired as soon as possible.

**Warning**

To help prevent damage to the transmission, observe the following precautions:

- Do not press the accelerator pedal while shifting from P or N to R or a forward gear.
- To do so may not only damage the transmission, but could cause you to lose control of the vehicle.
- Use D as much as possible.
- Never shift to P or R while the vehicle is in motion.

When stopping the vehicle on an uphill grade, do not hold the vehicle in place by pressing the accelerator pedal. Use the foot brake.

Press the brake pedal when shifting from P or N to R or a forward gear.

Otherwise transmission could be damaged or vehicle could move unexpectedly, causing driver to lose control of the vehicle, resulting in personal injury or damage to the vehicle or other property.

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Manual transmission

To engage reverse, with the vehicle stationary pull up the ring on the selector lever and engage the gear.

If the gear does not engage, set the lever in 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.
Driving and operating

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

## Brakes

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

### Caution
If one of the circuits fails, the brake pedal must be pressed with greater pressure and the braking distance may be increased. Have the brake system checked and repaired by a workshop immediately. We recommend that you consult your authorised workshop.

### Caution
If the brake pedal can be pressed further than normal, the brakes may be in need of repair. Consult a workshop immediately. We recommend that you consult your authorised workshop.

### Caution
Do not drive with your foot resting on the brake pedal. To do so will accelerate wear of the brake components. The brakes may also become overheated, resulting in longer braking distance and an unsafe condition.

### Warning
After driving through deep water, washing the vehicle, or using the brakes excessively when going down a steep hill, the brakes can...
temporarily lose their stopping power. This may be due to wet brake components or overheating.

If your brakes temporarily lose their stopping power because of overheating: Shift to a lower gear when going down hills. Do not continuously apply the brakes.

If your brakes temporarily lose their power because of wet brake components, the following procedure will help restore their normal performance:

1. Check behind you for other vehicles.
2. Keep a safe forward speed with plenty of space to your rear and sides.
3. Gently apply the brakes until normal performance is restored.

**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.

Do not decrease your power to depress the footbrake.

When you start the vehicle after the ignition is switched on, a mechanical sound can be heard once. This is normal and shows that the ABS is ready to operate.

Control indicator (配备) 77.

**Fault**

**Warning**

If there is a fault in the ABS, the wheels may be liable to lock due to braking that is heavier than normal. The advantages of ABS are no longer available. During hard braking, the vehicle can no longer be steered and may swerve.

Have the cause of the fault remedied by a workshop.
Driving and operating

Parking brake

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 ♂ 76.

Brake assist

If the brake pedal is depressed quickly and forcefully, maximum brake force is automatically applied (full braking).

Maintain steady pressure on the brake pedal for as long as full braking is required. Maximum brake force is automatically reduced when the brake pedal is released.

Hill start assist

The system helps prevent rollback when driving away on hill.

When depressing the accelerator pedal after releasing the brake pedal on a hill, the brakes remain applied for approximately 2 seconds.

Ride control systems

Traction Control system

Traction control system (TCS) improves driving stability when necessary, regardless of the type of road surface or tyre grip, by preventing the driving wheels from spinning.

As soon as the driving wheels start 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.

TCS is activated as soon as ignition is on.

⚠️ Warning

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

Adapt speed to the road conditions.
Deactivation

TCS can be deactivated when spinning of drive wheels is required. Press button a.
Control indicator k illuminates. TCS is reactivated by pressing the a button again.
TCS is also reactivated the next time the ignition is switched on.
Traction control (TC) off light 78.

Electronic stability program

The electronic stability control (ESC) system helps to stabilise the vehicle during cornering maneuvers.
ESC applies the brakes on individual wheels and intervenes with the engine control system to stabilise the vehicle.
The ESC system can be affected by adverse conditions such as road conditions or tyre grip.
It is not a substitute for safe driving practices, keep driving safety.
ESC is activated as soon as ignition is on.
When ESC is active $k$ illuminates.

⚠️ Warning

Do not let this special safety feature tempt you into taking risks when driving.
Adapt speed to the road conditions.

Electronic stability control (ESC) indicator light 77.

Deactivation

For very high-performance driving ESC can be deactivated.
Pressing the $a$ button for several seconds until control indicator $a$ illuminates.
ESC is reactivated by pressing the $a$ button again.
ESC is also reactivated the next time the ignition is switched on.
Warning

When the ESC system activates to correct the vehicle stability, reduce the speed and pay extra attention to the road.

The ESC system is only a supplementary device for the vehicle. When the vehicle exceeds its physical limits, it cannot be controlled. Do not rely on the system. Keep driving safely.

Driver assistance systems

Cruise control

The cruise control system allows you to maintain speed without pressing the accelerator pedal.

This system is operated when the vehicle speed is above approximately 20 km/h.

Warning

Cruise control can be dangerous where you cannot drive safely at a steady speed.

Do not use the cruise control on winding roads or in heavy traffic.

Setting cruise control

1. Press the button to turn cruise control on. Indicator is illuminated.
2. Accelerate to the speed desired.
3. Turn the thumb wheel toward SET/- and release it.
4. Take your foot off the accelerator pedal.

Increasing setting speed

- Turn the adjuster wheel to RES/+ and hold it. Your vehicle will accelerate. Release the thumb wheel at the desired speed.
- Turn the thumb wheel to RES/+ and release it immediately. The speed will increase by 1~2 km/h.
Decreasing setting speed
- Turn the thumb wheel to SET/- and hold it. Your vehicle will decelerate. Release the adjuster wheel at the desired speed.
- Turn the thumb wheel to SET/- and release it immediately. The speed will decrease by 1~2 km/h.

To temporarily accelerate
If you want to speed up temporarily when the cruise control is on, depress the accelerator pedal. Increased speed will not interfere with cruise control operation or change the set speed.

To return to the set speed, take your foot off the accelerator pedal.

Temporary deactivation
- the  button is pressed
- vehicle speed below approximately 20 km/h
- the brake pedal is depressed
- the clutch pedal is depressed for more than a few seconds
- selector lever in N

Resume stored speed
If the cruise system is still activated, the most recent set speed will automatically resume when the RES/+ switch is pressed.

Deactivation
Press switch  , control indicator  goes out. Cruise control is deactivated.

Speed limit system

The speed limit system enables vehicle to set a maximum speed. If the stored maximum speed is exceeded the system informs the driver with indicator or warning chime.

Setting Speed

1. Press button  to turn speed limit system on. Indicator LIM is illuminated.
2. Accelerate to the desired speed.
3. Turn the adjuster wheel toward SET/- and release it. If your vehicle speed is above 30 km/h, the current speed can be set.
4. The set speed is displayed in cluster.

**Increasing setting speed**
- Turn the adjuster wheel to RES/+ and hold it. Your set speed will increase. Release the adjuster wheel at the desired speed.
- Turn the adjuster wheel to RES/+ and release it immediately. The set speed will increase by 1~2 km/h.

**Decreasing setting speed**
- Turn the adjuster wheel to SET/- and hold it. Your set speed will decelerate. Release the adjuster wheel at the desired speed.
- Turn the adjuster wheel to SET/- and release it immediately. The set speed will decrease by 1~2 km/h.

**Resume stored speed**
Turn the adjuster wheel to RES/+.
The previously setting speed will be set.

To activate, turn the adjuster wheel toward SET/- and release it.

**Deactivation**
To cancel the speed limit system, press the button ◯. To deactivate the speed limit system, press the button ◯.

**Speed limit warning**
If you exceed the set speed, the warning indicator will flash and a warning chime will sound.

**If the current speed is higher than setting speed**
If the current speed is at least 3 km/h higher than the set speed, indicator LIM* is flashing and a warning chime will sound.

If the current speed is equal to set speed, warning indicator flashing and chime sound will stop immediately.

But if your vehicle speed is once 5 km/h below the set speed, the warning chime will sound too.

**Resume stored speed warning**
When the driver presses RES/+ button while driving with previous set speed above, a chime will sound 25 seconds later.

**Parking assist**

**Ultrasonic parking assist**

Parking assist makes parking easier by measuring the distance between the vehicle and rear obstacles, and giving an acoustic signal in the passenger compartment. It is the driver, however, who maintains full
responsibility for parking. The system consists of four ultrasonic parking sensors in the rear bumper.

**Note**
Attached parts in the detection area cause system malfunction.

**Activation**
When reverse gear is engaged, the system is activated automatically. An obstacle is indicated by audio signals. The interval between the signals becomes shorter as the vehicle gets closer to the obstacle.

When the distance is less than 40 cm, the signal sounds continued.

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

**Deactivation**
Deactivated in drive, Park or if there is an error.

The system might not detect the obstacle when the vehicle is driven above a 10 km/h.

<table>
<thead>
<tr>
<th>Fault</th>
</tr>
</thead>
<tbody>
<tr>
<td>In the event of a fault in the system, <strong>P</strong> illuminates.</td>
</tr>
</tbody>
</table>

Additionally if the system does not work due to temporary conditions like snow covered sensors, **P** illuminates.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The parking assist system should only be considered as a supplementary function. The driver must check the rear.</td>
</tr>
</tbody>
</table>

The audible warning signal can be different depending on the objects.

The audible warning signal might not activate in case the sensor is frozen or stained with dirt or mud.

Do not push or scratch the surface of the sensor. This will likely damage the covering.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>There is a chance of malfunction of the parking assist system when driving on uneven surfaces such as woods, gravel roads, jagged roads or slopes.</td>
</tr>
</tbody>
</table>

The parking assist system might not recognise sharp objects, thick winter clothes or other thick and soft materials could absorb the frequency.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>When receiving other ultrasonic signals (metal sound or air braking noises from heavy commercial vehicles), the parking assist system may not work properly.</td>
</tr>
</tbody>
</table>

Clean dirty sensors with a soft sponge and clean water.

You should continue to keep watching the mirrors or turning your head backwards. Normal precautions when reversing should be maintained. Do not press or shock the sensors by...
hitting or high-pressure water gun while washing, or the sensors will be damaged.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The upper portion of the vehicle can be hit before sensor operation, so check with outside rearview mirrors or by turning your head during parking. The parking assist system will be operated correctly on vertically flat surfaces.</td>
</tr>
</tbody>
</table>

**Rear view camera**
The rear view camera (RVC) system is designed to help the driver when backing up by displaying a view of the area behind the vehicle. When the key is in the ON/START position and the driver shifts the vehicle into R (Reverse), the video image automatically appears on the LCD module display.

<table>
<thead>
<tr>
<th>Once the driver shifts out of R (Reverse), the video image automatically disappears from the LCD module display.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Rear view camera (RVC) system does not replace driver vision. RVC does not:</td>
</tr>
<tr>
<td>▪ Detect objects that are outside the camera's field of view, below the bumper, or underneath the vehicle.</td>
</tr>
<tr>
<td>▪ Detect children, pedestrians, bicyclists, or pets. Do not reverse by only looking at the RVC screen, or use the screen during longer, higher speed backing manoeuvres or where there could be cross-traffic. The distances estimated by using the screen will differ from actual distances.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>If you do not use proper care before backing up, you could hit a vehicle, child, pedestrian, bicyclist, or pet, resulting in vehicle damage, injury, or death. Even though the vehicle has the rear view camera system, always check carefully before backing up by checking behind and around the vehicle.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Activation</th>
</tr>
</thead>
<tbody>
<tr>
<td>The rear view camera is automatically activated when key is in the ON/START position and reverse gear is engaged.</td>
</tr>
</tbody>
</table>
Rear view camera location

The camera is located on the rear of the vehicle.

The area displayed by the camera is limited and does not display objects that are close to either corner or under the bumper. The area displayed can vary depending on vehicle orientation or road conditions. The distance of the image that appears on the screen differs from the actual distance.

Fault

The rear view camera may not operate properly or display a clear image if:

- the rear view camera system is turned off,
- it is dark,
- the sun or the beam of headlights is shining directly into the camera lens,
- ice, snow, mud, or anything else covers the camera lens. Clean the lens, rinse it with water, and wipe it with a soft cloth,
- the vehicle had a rear-end collision. The position and mounting angle of the camera can change or the camera can be affected. Be sure to have the camera and its position and mounting angle checked at your authorised repairer.
- there are extreme temperature changes.

Fuel

Fuel for petrol engines

Only use unleaded fuel that complies with EN 228.

Equivalent standardised fuels with an ethanol content of max. 10% by volume may be used.

Use fuel with the recommended octane rating \( \diamond \) 252. Use of fuel with too low an octane rating can reduce engine power and torque and slightly increases fuel consumption.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use of fuel that does not comply to EN 228 or E DIN 51626-1 or equivalent can lead to deposits or engine damage and may affect your warranty.</td>
</tr>
</tbody>
</table>
Caution

Use of fuel with too low an octane rating could lead to uncontrolled combustion and engine damage.

Fuel for diesel engines

Only use diesel fuel that complies with EN 590.

In countries outside the European Union use Euro-Diesel fuel with a sulfur concentration below 50 ppm.

Caution

Use of fuel that does not comply to EN 590 or similar can lead to engine power loss, increased wear or engine damage and loss of warranty.

Do not use marine diesel oils, heating oils, Aquazole and similar diesel-water emulsions.

Diesel fuels must not be diluted with fuels for petrol engines.

The flow and filterability of diesel fuel are temperature-dependent. When temperatures are low, refuel with diesel fuel with guaranteed winter properties.

Refuelling

Caution

If you use inappropriate grade fuel or put incorrect fuel additives into the fuel tank, the engine and catalytic converter may seriously be damaged.

Be sure to use the correct fuel (petrol or diesel) corresponding to your vehicle when refuelling. If you fill petrol in your diesel powered vehicle, your vehicle can be seriously damaged. If you vehicle has diesel engine, you can confirm the correct fuel by taking a look at information on the fuel filler cap.

For safety reasons, fuel containers, pumps and hoses must be properly earthed. Static electricity build up can ignite the petrol vapour. You can be burnt and your vehicle damaged.

Danger

Before refuelling, switch off engine and any external heaters with combustion chambers. Switch off any mobile phones.

Electromagnetic waves or currency of mobile phones could ignite fuel vapors.

Fuel is flammable and explosive. No smoking. No naked flames or sparks. Follow the operating and safety instructions of the filling station when refuelling.

Remove static electricity on your hands by touching something able to release static electricity when touching or opening fuel cap or refuelling nozzle.
Don't do any actions generating static electricity like getting on and off vehicle when refuelling. Static electricity could ignite fuel vapors. If you can smell fuel in your vehicle, have the cause of this remedied immediately by a workshop.

The fuel filler door is in the right rear side of vehicle.

1. Stop the engine.
2. To unlock the fuel filler door, press button in instrument panel or in radio remote control.
3. Open the fuel filler door.
4. Turn the fuel filler cap counterclockwise slowly. If a hissing sound is heard, wait for it to stop before completely unscrewing the cap.
5. If the cap is locked, you can unlock with ignition key. Remove the cap. The cap is tethered to the hinge hook.
6. After refueling, close cap. Turn it clockwise until you hear "click" sound.
7. Push the fuel filler door closed until it latches.

Note
If, in cold weather, the fuel filler door does not open, tap the door lightly. Then try to open it again.
Driving and operating

Caution

Wipe off any overflowing fuel immediately.

Fuel consumption - CO₂-Emissions

The combined fuel consumption for the Aveo/Sonic is within a range of 6.6 to 3.6 l/100 km.

The CO₂ emission (combined) is within a range of 155 to 95 g/km.

For the values specific for your vehicle, refer to the EEC Certificate of Conformity provided with your vehicle or other national registration documents.

General information

The official fuel consumption and specific CO₂ emission figures quoted relate to the EU base model with standard equipment.

Fuel consumption data and CO₂ emission data are determined according to regulation R (EC) No. 715/2007 (in the version respectively applicable), taking into consideration the vehicle weight in running order, as specified by the regulation.

The figures are provided only for the purpose of comparison between different vehicle variants and must not be taken as a guarantee for the actual fuel consumption of a particular vehicle. Additional equipment may result in slightly higher results than the stated consumption and CO₂ figures.

Furthermore, fuel consumption is dependent on personal driving style as well as road and traffic conditions.
General Information

We recommend to use genuine Parts and Accessories and factory approved parts specific for your vehicle type. We cannot assess or guarantee reliability of other products - even if they have a regulatory or otherwise granted approval.

Do not make any modifications to the electrical system, e.g. changes of electronic control units (chip tuning).

Caution

Never modify your vehicle. It may affect the performance, durability and safety of the vehicle and the warrant may not cover any problems caused by the modification.

Vehicle storage

Storage for a long period of time
Following must be done if the vehicle should be stored for several months:

- Wash and wax the vehicle.
- Have the wax in the engine compartment and underbody checked.
- Fill up fuel tank completely.
- Clean and preserve rubber seals.
- Change engine oil.
- Drain washer fluid reservoir.
- Check coolant antifreeze and corrosion protection.
- Adjust tyre pressure to the value specified for full load.
- Park vehicle in dry, well ventilated place. Engage first or reverse gear. For automatic transmission, engage P position. Prevent the vehicle from rolling.
- Do not apply the parking brake.
- Open bonnet, close all doors and lock the vehicle.
Vehicle care

- Disconnect the clamp from the negative terminal of the vehicle battery. Beware that all systems are not functional, e.g. anti-theft alarm system.
- Close the bonnet.

Putting back into operation
When the vehicle is to be put back into operation:
- Connect the clamp to the negative terminal of the vehicle battery. Activate the electronics of the power windows.
- Check tyre pressure.
- Fill up the washer fluid reservoir.
- Check the engine oil level.
- Check the coolant level.
- Fit the number plate if necessary.

End-of-life vehicle recovery
Information on end-of-life vehicle recovery centres and the recycling of end-of-life vehicles is available on our website. Only entrust this work to an authorised recycling centre.

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

1. Pull the release lever and return it to its original position.

2. Push the safety catch up and open the bonnet.

#### Warning

Only touch the foam padding of the bonnet support rod handle when the engine is hot.

3. Pull up the support rod lightly from the holder. And then secure it at the left side hook of the engine compartment.

#### Closing

Before closing the bonnet, press the support into the holder.

Lower the bonnet and allow it to drop into the catch. Check that the bonnet is engaged.
**Warning**

Always observe the following precautions: Pull on the front edge of the bonnet to make sure it is latched securely before you drive your vehicle.

Do not pull the bonnet release handle while your vehicle is moving.

Do not move your vehicle with the bonnet open. An open bonnet will obscure the driver’s vision.

Operating your vehicle with the bonnet open can lead to a collision resulting in damage to your vehicle to other property, personal injury or even death.

**Caution**

Do not pull down on the bonnet when the bonnet is supported by rod.
Engine compartment overview
Petrol engine - 1.2
Petrol engine - 1.4
Petrol engine - 1.4 turbo
Petrol engine - 1.6
Diesel engine - 1.3
1. Engine air filter  
2. Dipstick for engine oil level  
3. Engine oil cap  
4. Brake fluid container  
5. Vehicle battery  
6. Fuse block  
7. Washer fluid container  
8. Engine coolant container  
9. Hydraulic power steering fluid container /AUX. fuse box (1.4 petrol turbo)

**Engine oil**

It is advisable to check the engine oil level manually before embarking on a long journey.

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, insert it to the stop on the handle, pull out and read the engine oil level.

Insert dipstick to the stop on the handle and make half a turn.

When the engine oil level has dropped to the MIN mark, top up engine oil.
We recommend the use of the same grade of engine oil that was used at last change. The engine oil level must not exceed the MAX mark on the dipstick.

The engine oil filler cap is located on the camshaft cover.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overfilled engine oil must be drained or suctioned out.</td>
</tr>
</tbody>
</table>

Capacities and Viscosity ▶ 261, ▶ 247.

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine oil is an irritant and, if ingested, can cause illness or death.</td>
</tr>
<tr>
<td>Keep out of reach of children.</td>
</tr>
<tr>
<td>Avoid repeated or prolonged contact with skin.</td>
</tr>
<tr>
<td>Wash exposed areas with soap and water or hand cleaner.</td>
</tr>
<tr>
<td>Be very careful when draining the engine oil as it may be hot enough to burn you!</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Engine oil life system</th>
</tr>
</thead>
<tbody>
<tr>
<td>This vehicle has a computer system that indicates when to change the engine oil and filter.</td>
</tr>
<tr>
<td>This is based on engine revolutions, engine temperature and mileage.</td>
</tr>
<tr>
<td>Based on driving conditions, the mileage at which an oil change is indicated can vary considerably.</td>
</tr>
<tr>
<td>For the oil life system to work properly, the system must be reset every time the oil is changed.</td>
</tr>
</tbody>
</table>

When the system has calculated that oil life has been diminished, it indicates that an oil change is necessary.

The vehicle message will appear in the Driver Information Centre (DIC). Change the oil as soon as possible within the next 1000 km.

It is possible that, if driving under the best conditions, the oil life system might indicate that an oil change is not necessary for up to a year. The engine oil and filter must be changed at least once a year and, at this time, the system must be reset.
Vehicle care

Your authorised repairer has trained service people who will perform this work and reset the system. It is also important to check the oil regularly over the course of an oil drain interval and keep it at the proper level.

If the system is ever reset accidentally, the oil must be changed at 5000 km since the last oil change.

After you change the oil, the oil life monitor will need to be reset. We recommend that you consult your authorised repairer.

How to reset the engine oil life system
Reset the system whenever the engine oil is changed so that the system can calculate the next engine oil change.

1. Turn on the ignition with the engine off.

2. Using the MENU button and adjuster wheel in the turn signal lever, scroll until you reach Engine oil life on the Driver Information Centre (DIC).

3. Press the SET/CLEAR button to reset the oil life to 100%.

4. Turn off the ignition.

Be careful not to reset the oil life display accidentally at any time other than after the oil is changed. It cannot be reset accurately.

If the vehicle message comes back in the Driver Information Centre (DIC) when the vehicle is started, the engine oil life system has not reset. Repeat the procedure.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remember to reset the engine oil life system whenever the engine oil is changed.</td>
</tr>
</tbody>
</table>

Automatic transmission fluid
It is not necessary to check the automatic transmission fluid level.
If you have a problem e.g. leak, have it remedied by a workshop.
Caution
Use of the incorrect fluid may damage the vehicle. Always use the fluid listed in Recommended Fluids and Lubricants 247.

Manual transmission fluid

Caution
Before attempting to do the work, be sure you are fully acquainted with doing this job. We recommend that you consult your authorised repairer.

1. Turn the engine off and allow the manual transmission to cool.
2. Remove the filler plug.
3. If the fluid level is low, add transmission fluid until the level up to the bottom of the filler plug hole.
4. After filling to the correct level, reinstall the plug securely.

Caution
Use of the incorrect fluid may damage the vehicle. Always use the fluid listed in Recommended Fluids and Lubricants 247.

Caution
Do not overfill the transmission fluid. This can damage the transmission.

⚠️ Warning
Heat from engine, transmission or fluid can cause burns. Make sure the transmission is cooled down before touching it.
Vehicle care

Engine air filter

1. Unscrew both screws.
2. Loosen the air filter cover hinges and open the cover.
3. Replace the air filter.
4. Lock the cover with the cover hinges and screws.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The engine needs clean air to operate properly.</td>
</tr>
<tr>
<td>Do not operate your vehicle without the air cleaner element installed.</td>
</tr>
<tr>
<td>Driving without the air cleaner element properly installed can damage your engine.</td>
</tr>
</tbody>
</table>

**Caution**
The engine needs clean air to operate properly. Do not operate your vehicle without the air cleaner element installed. Driving without the air cleaner element properly installed can damage your engine.

**Engine coolant**

In countries with moderate climate the coolant provides freeze protection down to approx. -30 °C.

In countries with extremely cold climate the coolant provides freeze protection down to approx. -40 °C.

Maintain a sufficient concentration of anti-freeze.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Only use approved anti-freeze.</td>
</tr>
</tbody>
</table>

**Coolant level**

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Too low a coolant level can cause engine damage.</td>
</tr>
</tbody>
</table>

If the cooling system is cold, the coolant level should be above the filling line mark. Top up if the level is low.
Warning

Never remove the coolant reservoir cap when the engine and radiator are hot. It could cause serious injury. The engine must be cool before opening the cap. Carefully open the cap, relieving the pressure slowly.

Caution

Plain water or the wrong mixture can damage the cooling system. Do not use plain water, alcohol or methanol anti-freeze in coolant system. The engine may overheat or even catch fire.

Caution

Coolant can be hazardous material. Avoid repeated or prolonged contact with coolant. Clean your skin and nails with soap and water after coming in contact with coolant. Keep out of reach of children. Coolant can irritate the skin and can cause illness or death if swallowed.

Caution

It is not needed to add coolant more frequently than the recommended interval. If you are adding coolant often, this may be a sign that your engine needs maintenance. We recommend that you consult your authorised workshop.

Power steering fluid

Electric Power Steering
If the electronic power steering system is equipped, the power steering fluid is not used.
Hydraulic Power Steering

The power steering fluid level must be between the **MIN** and the **MAX** marks. Fill up if the level is low.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extremely small amounts of contamination can cause steering system damage and cause it to not work properly. Do not allow contaminates to contact the fluid side of the reservoir cap/dipstick or from entering the reservoir.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not operate vehicle without the required amount of power steering fluid. To do so can damage the power steering system of your vehicle, leading to costly repairs.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>An overflow of the fluid may cause the fluid to burn or discolour paintwork. Do not overfill the reservoir. An engine fire can cause personal injuries and damage your vehicle and other property.</td>
</tr>
</tbody>
</table>

Washer fluid

Fill with windshield washer fluid that contains anti-freeze.

To refill windscreen washer fluid reservoir:

- Use only commercially available ready-to-use washer fluid for that purpose.
- Do not use tap water. Minerals present in tap water may plug the windscreen washer lines.
- If air temperature is likely to go below the freezing point, use washer fluid which has sufficient anti-freezing property.
Brake fluid

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brake fluid is poisonous and corrosive. Avoid contact with eyes, skin, fabrics and painted surfaces.</td>
</tr>
</tbody>
</table>

The brake fluid level must be between the MIN and the MAX marks. When topping up, ensure maximum cleanliness as contamination of the brake fluid can lead to brake system malfunctions. Have the cause of the loss of brake fluid remedied by a workshop.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Only use brake fluid approved for the vehicle, Brake and clutch fluid ( \text{\textcopyright} 247. )</td>
</tr>
<tr>
<td>Caution</td>
</tr>
<tr>
<td>Make sure you thoroughly clean around the brake fluid reservoir cap before removing the cap. Contamination of the brake fluid system can affect system performance, leading to costly repairs. An overflow of brake fluid on the engine may cause the fluid to burn. Do not overfill the reservoir. An engine fire can cause personal injuries and damage your vehicle and other property.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not dispose of used brake fluid with your household waste. Use your local, authorised waste management facility. Used brake fluid and their containers are hazardous. They can damage your health and the environment.</td>
</tr>
<tr>
<td>Caution</td>
</tr>
<tr>
<td>Using low quality brake fluid may cause corrosion to internal components of the brake system, which may result in decreased brake system performance, which is a safety concern. Always use high quality brake fluid approved for your vehicle model. We recommend GM genuine brake fluid.</td>
</tr>
<tr>
<td>Caution</td>
</tr>
<tr>
<td>Do not allow the brake fluid to contact your skin or eyes. If it does, immediately wash the affected area thoroughly with soap and water or hand cleaner.</td>
</tr>
</tbody>
</table>
Vehicle battery

Vehicles without stop-start system will be equipped with a lead acid battery. Vehicles with stop-start system will be equipped with an AGM battery which is not a lead acid 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 4 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.

⚠️ Warning

- Keep glowing materials away from the battery to avoid explosion.
- Battery explosion can result in damage to the vehicle and serious injury or death.
- Avoid contact with eyes, skin, fabrics and painted surfaces. The fluid contains sulphuric acid which can cause injuries and damage in the event of direct contact. In case of skin contact, clean the area with water and seek medical help immediately.
- Keep out of reach of children.
- Do not tilt an open battery.

Vehicle battery discharge protection

Replacing the vehicle battery

Note

Any deviation from the instructions given in this paragraph may lead to a temporary deactivation of the stop-start system.

Only use vehicle batteries that allow the fuse box to be mounted above the vehicle battery.

In vehicles with stop-start system, ensure to have the AGM (Absorptive Glass Mat) battery replaced with an AGM battery again.

An AGM battery can be identified by the label on the battery. We recommend the use of an original GM vehicle battery.
Note
Using an AGM battery different from the original GM battery might result in a lower performance of the stop-start system.

We recommend that you have the battery replaced by your authorised repairer.

Charging the vehicle battery

⚠️ Warning
On vehicles with stop-start system, ensure that the charging potential does not exceed 14.6 volts when using a battery charger. Otherwise the battery might be damaged.

Warning label

Meaning of symbols:
- No sparks, naked flames or smoking.
- Always shield eyes. Explosive gases can cause blindness or injury.
- Keep the battery out of reach of children.
- The battery contains sulfuric 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 filter

Draining water from the fuel filter
If water in the fuel gets into the engine and fuel system, it may cause serious damage to the fuel system.

When the water level in fuel filter exceeds a certain level, the water in fuel warning light is illuminated.

If it occurs, immediately drain the water from fuel filter.

Caution
Before draining, be sure you are fully acquainted with doing this job.

We recommend that you consult your authorised repairer.
1. Locate the fuel filter around fuel tank.
2. Place a water container under fuel filter.
3. Turn the drain plug counterclockwise using a flat-blade screwdriver.
4. Wait until the water gets out completely, and then turn the drain plug clockwise to tighten it.
5. Before starting the engine, perform the priming operation as follows:
   Turn on the ignition, wait for about 5 seconds and turn the ignition to LOCK position. This operation should be performed more than 3 times.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>If you keep driving while the warning light  is on, it can cause serious damage in the fuel system. Immediately drain the water from fuel filter.</td>
</tr>
</tbody>
</table>

**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**

Properly functioning windsreen wipers are essential for clear vision and safe driving. Regularly check the condition of the wiper blades. Replace hard, brittle or cracked blades or those that smear dirt on the windscreen.

Foreign material on the windscreen or wiper blades can reduce the effectiveness of the wipers. If the blades are not wiping properly, clean both the windscreen and the blades with a good cleaner or mild detergent. Rinse them thoroughly with water. Repeat the process, if necessary. There is no way to remove traces of silicone from glass. Therefore, never apply polish with silicone to your vehicle's windscreen or you will get streaks which will impair the driver's vision.

Do not use solvents, gasoline, kerosene, or paint thinner to clean wipers. These are harsh and can damage the blades and painted surfaces.
Front wiper blade

1. Hold wiper arm rod and lift up wiper arm.
2. Press slider holder pin with fingers.
3. Push wiper blade front while rotating it, and then push up.

Rear wiper blade

1. Lift wiper blade up to same plane of wiper blade and arm retainer.
2. Pull wiper blade out.
3. Remove wiper blade from retainer according to guide hole.
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.

**Note**

After driving in heavy rain or after washing, some exterior light lenses could appear frosty.

This condition is caused by the temperature difference between the inside and outside of the light. This is similar to the condensation on your windows inside your vehicle during the rain and doesn’t indicate a problem with your vehicle.

If the water leaks into the light bulb circuitry, have the vehicle checked by your authorised workshop.

---

**Headlights**

**Low beam and high beam**

1. Remove protective cover.
2. Press spring clip, disengage it.
3. Remove bulb from reflector housing.
4. Detach plug connector from bulb.
5. Replace the bulb and plug connector onto bulb.
6. When fitting a new bulb, engage the lugs in the recesses on the reflector.
7. Engage the spring clip.
8. Place headlight protective cover in position and close.
Vehicles with halogen headlamp system when driving abroad

The adjusting screws are located above the low beam cap.

Turn the adjusting screws with the screwdriver clockwise for half a turn.

For deactivation, turn the adjusting screws counterclockwise for half a turn.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
</table>
| Have the adjustment of the headlights checked after deactivation.  
We recommend that you consult your authorised repairer. |

<table>
<thead>
<tr>
<th>Warning</th>
</tr>
</thead>
</table>
| Improperly adjusted headlights dazzle the opposite lane driver. 
Only adjust when necessary. |

Parking lights

1. Remove protective cover.
2. Remove side light bulb holder from reflector.
3. Detach plug connector from bulb.
4. Remove bulb from socket.
5. Insert new bulb.
6. Plug connector onto bulb.
7. Insert holder in reflector.
8. Place headlight protective cover in position and close.

Fog lights
Have bulbs replaced by a workshop.

Front turn signal lights
1. Rotate bulb holder anti-clockwise and disengage.
2. Push bulb into socket slightly, rotate anti-clockwise, remove and renew bulb.
3. Insert bulb holder in reflector, rotate clockwise to engage.

Tail lights
1. Unscrew both screws.
2. Pull tail light assembly for removal. Take care that the cable duct remains in position.
3. Tail light/brake light (1)
   Turn signal light (2)
   Reverse light (passenger's side) / rear fog light (driver's side) (3)

4. Rotate bulb holder anti-clockwise.

5. Remove bulb holder. Push bulb into socket slightly, rotate anti-clockwise, remove and renew bulb.


7. Switch on ignition, operate and check all lights.

Side turn signal lights

1. Praise the lamp out with a screwdriver. Push the lamp forward (left side) or rearward (right side). Then pivot the lamp down and remove it from the aperture.

2. Rotate bulb holder anti-clockwise.

3. Pull bulb out of the bulb holder and renew.

4. Reinstall in reverse order.
LED lights (outside rearview mirror)
Have LED lights replaced by a workshop.

Centre high-mounted brake light

If the centre high-mounted brake light is not functioning, have it checked by a workshop.

Number plate light

1. Praise the lamp out with a screwdriver.
2. Remove bulb housing downward, taking care not to pull on the cable.
   Rotate bulb holder anti-clockwise to disengage.
3. Remove bulb from holder and renew bulb.
4. Insert bulb holder in bulb housing and rotate clockwise.
5. Insert bulb housing and secure using a screwdriver.

Interior lights

Courtesy lights

1. To remove it, prise the opposite side of the light switch using a flat-blade screwdriver. (Be careful not to make scratches.)
2. Remove the bulb.
3. Replace the bulb.
4. Reinstall the light assembly.

Tailgate (or boot lid) light

1. Prise the lamp out with a screwdriver.
2. Remove bulb.
3. Insert new bulb.
4. Install lamp.

Electrical system

Fuses
Data on the replacement fuse must match the data on the defective fuse.
In a box above the positive terminal of the vehicle battery are some main fuses. If necessary have them changed by a workshop.
Before replacing a fuse, turn off the respective switch and the ignition.
A blown fuse can be recognised by its melted wire. Do not replace the fuse until the cause of the fault has been remedied.
Some functions are protected by several fuses.
Fuses may also be inserted without existence of a function.

Note
Not all fuse box descriptions in this manual may apply to your vehicle.
When inspecting the fuse box, refer to the fuse box label.

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 engine compartment.
Disengage the cover, lift it upwards and remove.
<table>
<thead>
<tr>
<th>No.</th>
<th>Circuit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Front wiper speed relay</td>
</tr>
<tr>
<td>2</td>
<td>ABS pump</td>
</tr>
<tr>
<td>3</td>
<td>Front wiper control relay</td>
</tr>
<tr>
<td>4</td>
<td>Front wiper</td>
</tr>
<tr>
<td>5</td>
<td>Blower</td>
</tr>
<tr>
<td>6</td>
<td>ABS valve</td>
</tr>
<tr>
<td>7</td>
<td>Sunroof</td>
</tr>
<tr>
<td>9</td>
<td>Rear wiper</td>
</tr>
<tr>
<td>10</td>
<td>RVC</td>
</tr>
<tr>
<td>11</td>
<td>ABS oil</td>
</tr>
<tr>
<td>12</td>
<td>AOS/ROS</td>
</tr>
<tr>
<td>13</td>
<td>OSRVM</td>
</tr>
<tr>
<td>14</td>
<td>Rear defog relay</td>
</tr>
<tr>
<td>15</td>
<td>Rear window defog</td>
</tr>
<tr>
<td>16</td>
<td>Spare fuse</td>
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<tr>
<td>17</td>
<td>Spare fuse</td>
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<tr>
<td>18</td>
<td>Spare fuse</td>
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<td>19</td>
<td>Spare fuse</td>
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<td>20</td>
<td>Spare fuse</td>
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<td>21</td>
<td>Spare fuse</td>
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<tr>
<td>22</td>
<td>Spare fuse</td>
</tr>
<tr>
<td>24</td>
<td>RUN/ CRANK IEC</td>
</tr>
<tr>
<td>25</td>
<td>RUN/CRANK relay</td>
</tr>
<tr>
<td>28</td>
<td>OSRVM HTD</td>
</tr>
<tr>
<td>30</td>
<td>Front seat heated</td>
</tr>
<tr>
<td>31</td>
<td>FSCM 1</td>
</tr>
<tr>
<td>32</td>
<td>Flex fuel</td>
</tr>
<tr>
<td>33</td>
<td>Washer</td>
</tr>
<tr>
<td>34</td>
<td>Fuel pump relay</td>
</tr>
<tr>
<td>35</td>
<td>Fuel pump</td>
</tr>
<tr>
<td>36</td>
<td>ECM_5</td>
</tr>
<tr>
<td>37</td>
<td>FSCM_2/Levelling</td>
</tr>
<tr>
<td>38</td>
<td>TCM_1</td>
</tr>
<tr>
<td>39</td>
<td>Cool fan K5</td>
</tr>
<tr>
<td>No.</td>
<td>Circuit</td>
</tr>
<tr>
<td>-----</td>
<td>----------------------</td>
</tr>
<tr>
<td>40</td>
<td>Cool fan K4</td>
</tr>
<tr>
<td>41</td>
<td>EVP</td>
</tr>
<tr>
<td>42</td>
<td>ECM</td>
</tr>
<tr>
<td>43</td>
<td>AC clutch</td>
</tr>
<tr>
<td>44</td>
<td>TCM</td>
</tr>
<tr>
<td>45</td>
<td>ECM_1</td>
</tr>
<tr>
<td>46</td>
<td>COIL</td>
</tr>
<tr>
<td>47</td>
<td>ECM_4</td>
</tr>
<tr>
<td>48</td>
<td>ECM_3</td>
</tr>
<tr>
<td>49</td>
<td>ECM_2</td>
</tr>
<tr>
<td>50</td>
<td>Injector/IG coil</td>
</tr>
<tr>
<td>51</td>
<td>P/T relay</td>
</tr>
<tr>
<td>52</td>
<td>Horn</td>
</tr>
<tr>
<td>53</td>
<td>Cool fan K3 relay</td>
</tr>
<tr>
<td>54</td>
<td>Start</td>
</tr>
<tr>
<td>55</td>
<td>Start relay</td>
</tr>
<tr>
<td>56</td>
<td>AC clutch relay</td>
</tr>
</tbody>
</table>

Stop-start system vehicle
<table>
<thead>
<tr>
<th>No.</th>
<th>Circuit</th>
<th>No.</th>
<th>Circuit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Front wiper</td>
<td>28</td>
<td>RUN/CRANK relay</td>
</tr>
<tr>
<td>2</td>
<td>ABS pump</td>
<td>29</td>
<td>Not used/SAI valve relay</td>
</tr>
<tr>
<td>3</td>
<td>Front wiper control relay</td>
<td>30</td>
<td>Not used/SAI valve</td>
</tr>
<tr>
<td>4</td>
<td>Front wiper speed relay</td>
<td>31</td>
<td>OSRVM HTD</td>
</tr>
<tr>
<td>6</td>
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## Vehicle care

### Diesel

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</tbody>
</table>
1.4 turbo
AUX. fuse box (1.4 petrol turbo)
The auxiliary fuse box is located in the engine compartment next to the engine coolant container.
R1: Cooling Fan K3 relay
R2: Cooling Fan K7 relay

Instrument panel fuse box

Interior fuse box is located in the glove box.

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<td>Heating, ventilation, air condition</td>
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<td>23</td>
<td>HDLP ALC</td>
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### Vehicle tools

#### Tools

**Vehicles with tyre repair kit**

The tyre repair kit are in a storage compartment below the floor cover in the load compartment ◇ 226.

**Vehicles with spare wheel**

The jack and the tools are in a storage compartment in the load compartment above the spare wheel. Compact spare wheel ◇ 231, wheel changing ◇ 228.
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.

Tyre designations
E.g. 215/60 R 16 95 H
215 = Tyre width, mm
60 = Cross-section ratio (tyre height to tyre width), %
R = Belt type: Radial
RF = Type: RunFlat
16 = Wheel diameter, inches

95 = Load index e.g. 95 is equivalent to 690 kg
H = Speed code letter

Speed code letter:
Q = up to 160 km/h
S = up to 180 km/h
T = up to 190 km/h
H = up to 210 km/h
V = up to 240 km/h
W = up to 270 km/h

Tyre pressure
Check the pressure of cold tyres at least every 14 days and before any long journey. Do not forget the spare wheel.
Unscrew the valve cap.

Tyre pressure label on the driver's door frame.
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.
**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.

**Tyre pressure monitoring system**

This vehicle may have a tyre pressure monitoring system (TPMS). The TPMS is designed to warn the driver when a low tyre pressure condition exists. The TPMS sensors are mounted onto each tyre and wheel assembly, excluding the spare tyre and wheel assembly. The TPMS sensors monitor the air pressure in the tyres and transmit the tyre pressure readings to a receiver located in the vehicle.

To adapt tyre pressure telltale to the vehicle loading conditions, press the **MENU** button in the turn signal lever. Scroll the thumbwheel until reaching the "Tyre load" menu. Press the **SET/CLR** button. You can select the following menus:

- **Load 1**: Lo (Comfort tyre pressure mode)
- **Load 2**: Eco (Eco tyre pressure mode)
- **Load 3**: Hi (GVW tyre pressure mode)

Press the **SET/CLR** button a few seconds to confirm.

**Note**

The tyre inflation pressure label is on the left side door frame.

For the correct tyre pressure, refer to the recommended pressure on the tyre inflation pressure label.
When a low tyre pressure condition is detected, \( \odot \) illuminates in the instrument cluster.

If the low tyre pressure telltale comes on, stop as soon as possible and inflate the tyres to the recommended inflation pressure.

Tyre pressure 262.

\( \odot \) comes on at each ignition cycle until the tyres are inflated to the correct inflation pressure.

\( \odot \) may come on in cool weather when the vehicle is first started, and then turns off as the vehicle is driven. This could be an early indicator that the air pressure is getting low and the tyres must be inflated to the proper pressure.

A tyre and loading information label shows the size of the original equipment tyres and the correct inflation pressure for the tyres when they are cold.

Tyre pressure 262.

**Note**
The TPMS can warn about a low tyre pressure condition but it does not replace normal tyre maintenance.

**Fault**
The TPMS will not function properly if one or more of the TPMS sensors are missing or inoperable. When the system detects a malfunction, \( \odot \) flashes for about one minute and then stays on for the remainder of the ignition cycle.

\( \odot \) comes on at each ignition cycle until the problem is corrected. Some of the conditions that can cause \( \odot \) to come on are:

- One of the road tyres has been replaced with the spare tyre.
- The spare tyre does not have a TPMS sensor. \( \odot \) should go off after the tyre has been replaced with a road tyre containing a TPMS sensor.
- The TPMS sensor matching process was not done or not completed successfully after rotating the tyres. \( \odot \) should go off after successfully completing the sensor matching process. See TPMS sensor matching process below.
- One or more TPMS sensors are missing or damaged. \( \odot \) should go off when the TPMS sensors are installed and the sensor matching process is performed successfully. See your dealer for service.
- Replacement tyres or wheels do not match the original equipment tyres or wheels. Tyres and wheels other than those recommended could prevent the TPMS from functioning properly.
- Operating electronic devices or being near facilities using radio wave frequencies similar to the TPMS could cause the TPMS sensors to malfunction.

If the TPMS is not functioning properly, it cannot detect or signal a low tyre condition. See your Chevrolet authorised repairer for service if the \( \odot \) comes on and stays on.
TPMS sensor matching process
Each TPMS sensor has a unique identification code. The identification code needs to be matched to a new tyre/wheel position after rotating the tyres or replacing one or more of the TPMS sensors. The TPMS sensor matching process should also be performed after replacing a spare tyre with a road tyre containing the TPMS sensor. **(!) should go off at the next ignition cycle.** The sensors are matched to the tyre/wheel positions, using a TPMS relearn tool, in the following order: left front tyre, right front tyre, right rear tyre and left rear tyre. See your Chevrolet authorised repairer for service or to purchase a relearn tool.

The first tyre/wheel position should be matched within two minutes, and all four tyre/wheel positions should be matched within five minutes. If it takes longer, the matching process stops and must be restarted.

The TPMS sensor matching process is as follows:
1. Apply the parking brake.
2. Turn the ignition to ON/RUN with the engine off.
3. Use the **MENU** button in the turn signal to select the menu in the Driver Information Centre (DIC).
4. Use the thumbwheel to scroll to the **Tire Learn** menu item screen.
5. Press the SET/CLR button to begin the sensor matching process. A message requesting acceptance of the process should display.
6. Press the SET/CLR button again to confirm the selection. The horn sounds twice to signal the receiver is in relearn mode.
7. Start with the left front tyre.
8. Place the relearn tool against the tyre sidewall, near the valve stem. Then press the button to activate the TPMS sensor. A horn chirp confirms that the sensor identification code has been matched to this tyre and wheel position.
9. Proceed to the right front tyre, and repeat the procedure in Step 8.
10. Proceed to the right rear tyre, and repeat the procedure in Step 8.
11. Proceed to the left rear tyre, and repeat the procedure in Step 8. The horn sounds twice to indicate the sensor identification code has been matched to the left rear tyre, and the TPMS sensor matching process is no longer active.
12. Turn the ignition to LOCK/OFF.
13. Set all four tyres to the recommended air pressure level as indicated on the Tyre and Loading Information label.
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 wheels 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. Ensure that the direction of rotation of the wheels is the same as before.
Tyres age, even if they are not used. We recommend tyre replacement every 6 years.

Changing tyre and wheel size
Different size tyres and wheels
If tyres of a different size than those fitted at the factory are used, it may be necessary to reprogram the speedometer as well as the nominal tyre pressure and make other vehicle modifications.

After converting to a different tyre size, have the label with tyre pressures replaced.

⚠️ Warning
Use of unsuitable tyres or wheels may lead to accidents and will invalidate the vehicle type approval.

⚠️ Warning
Do not use different size and type of tyres and wheels than those originally installed on the vehicle. It can affect safety and performance of the vehicle. It could lead to handling failure or rollover and serious injury. When replacing tyres, be sure to install all four tyres and wheels of the same size, type, tread, brand and load-carrying capacity. The use of any other tyre size or type may seriously affect ride, handling, ground clearance, stopping distance, body clearance and speedometer reliability.
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.

Wheel alignment and tyre balance
The tyres and wheels were aligned and balanced at the factory to provide the longest tyre life and best overall performance. Adjustments to wheel alignment and tyre balancing are not necessary on a regular basis.

Your vehicle’s suspension and steering systems need some time to settle from the shipping process, and adjust to the way you drive and the amount of passengers and cargo you carry with you. GM recommends that you drive your new vehicle at least 800 kilometres before evaluating your vehicle for steering pull. Some slight pull to the left or right, depending on the crown of the road and/or other road surface variations such as troughs or ruts, is normal. So, consider requesting an alignment check only if the vehicle is significantly pulling to one side or the other, or if you notice unusual tyre wear. If the vehicle is vibrating when driving on a smooth road, the tyres and wheels may need to be re-balanced. See your Chevrolet authorised repairer for proper diagnosis.

Tyre chains
Tyre chains are only permitted on the front wheels (14, 15, 16 inch tyre only).
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 repair kit

Minor damage to the tyre tread or sidewall 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 side wall near the rim cannot be repaired with the tyre repair kit.

⚠️ Warning

- Do not drive faster than 80 km/h.
- Do not use for a lengthy period.
- Steering and handling may be affected.

If you have a flat tyre:
Apply the parking brake.
For manual transmission, engage first gear or reverse gear.
For automatic transmission, engage P position.

The tyre repair kit is in a compartment under the floor cover in the load compartment.

1. Take the tyre repair kit from the compartment.
2. Remove the compressor and the sealant bottle.
3. Remove the electrical connection cable (1) and air hose (2) from the stowage compartments on the underside of the compressor.
4. The switch on the compressor must be set to O.
5. Screw the compressor air hose to the connection on the sealant bottle.
6. Connect the compressor plug to the accessory socket (power outlet or cigarette lighter). To avoid discharging the vehicle battery, we recommend running the engine.
7. Fit the sealant bottle into the retainer on the compressor. Set the compressor near the tyre in such a way that the sealant bottle is upright.
8. Unscrew valve cap from defective tyre.
9. Screw the filler hose to the tyre valve.
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 inflated.
13. The prescribed tyre pressure (about 2.4 bar) should be obtained within 10 minutes. 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 over the pressure indicator.
Do not run the compressor longer than 10 minutes.

14. Detach the tyre repair kit. Push catch on bracket to remove sealant bottle from bracket. Screw tyre inflation hose to the free connection of sealant bottle. This prevents sealant from escaping. Stow tyre repair kit in load compartment.

15. Remove any excess sealant using a cloth.

16. Take the label indicating maximum permitted speed (approx. 80 km/h) from the sealant bottle and affix in the driver's field of view.

17. Continue driving immediately so that sealant is evenly distributed in the tyre. After driving approx. 10 km (but no more than 10 minutes), stop and check tyre pressure. Screw compressor air hose directly onto tyre valve and compressor when doing this.
If tyre pressure is more than 1.3 bar, set it to the correct value (approx. 2.4 bar). Repeat the procedure (no.17) until there is no more loss of pressure.
If the tyre pressure has fallen below 1.3 bar, the vehicle must not be used. Seek the assistance of a workshop.

18. Stow away tyre repair kit in load compartment.

Note
The driving comfort of the repaired tyre is 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.
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 ~70 °C.

Wheel changing
Mixing tyres could cause you to lose control while driving.
If you mix tyres of different sizes, brands, or types (radial and bias-belted tyres), the vehicle may not handle properly, and you could have a crash. Using tyres of different sizes, brands, or types may also cause damage to your vehicle. Be sure to use the correct size, brand, and type of tyres on all wheels.

Some vehicles are equipped with a tyre repair kit instead of a spare wheel.

Make the following preparations and observe the following information:
- Pull over your vehicle to a safe place away from traffic.
- Park the vehicle on a level, firm and non-skid surface. The front wheels must be in the straight-ahead position.
- Apply the parking brake and engage first gear or reverse gear. For automatic transmission, engage P position.
- Turn off the engine and remove key.
- Turn on the hazard warning flashers.
- Use a wedge, block of wood, or rocks in front of and behind the tyre that is diagonal from the tyre you plan to change.
- All passengers must get out of the vehicle.
- 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.
- If the ground on which the vehicle is standing is soft, a solid board (max. 1 cm thick) should be placed under the jack.
- No people or animals may be in the vehicle when it is jacked-up.
- Never crawl under a jacked-up vehicle.
- Do not start the vehicle when it is raised on the jack.
- Clean wheel nuts and thread before mounting the wheel.

⚠️ Warning

We designed the jack for use on your vehicle only.
Do not use jack provided with your vehicle on other vehicles.
Never exceed the jack’s maximum permissible load.
Use of this jack on other vehicles may damage the other vehicles or your jack and lead to personal injury.
1. Disengage wheel cover with a screwdriver and remove.

2. Fold out the wheel wrench and install ensuring that it locates securely and loosen each wheel nut by half a turn.

3. Rotate the jack handle to raise the lift head slightly and place the jack vertically at the position marked with half circle.

4. Attach jack handle to the jack and attach wrench to the jack handle correctly. Then raise the jack to join the lift head at the jacking position firmly.

5. Rotate the wrench checking the correct position of jack until wheel is clear of the ground.

6. Unscrew the wheel nuts.

7. Change the wheel.

8. Screw on the wheel nuts.

9. Lower vehicle.

10. Install the wheel wrench ensuring that it locates securely and tighten each nut in a crosswise sequence.

11. Align the valve hole in the wheel cover with the tyre valve before installing. Install wheel nut caps.
12. Stow the replaced wheel and the vehicle tools. To prevent the rattling noise, turn screw head until the top and bottom of the jack are completely squeezed to the toolbox after returning the jack to its original position. At this time, make sure that jack has some clearance to any vehicle tool. Tools 219.

13. Check the tyre pressure of the installed tyre and also the wheel nut torque as soon as possible. Have the defective tyre renewed or repaired.

---

⚠️ Warning

Rust or dirt on a wheel, or on the parts to which it is fastened, can cause the wheel nuts to become loose with time. The wheel could come off and cause an accident. When changing a wheel, remove any rust or dirt from places where the wheel is attached to the vehicle. In an emergency, a cloth or a paper towel can be used; however, use a scraper or wire brush later to remove all rust or dirt.

Lightly coat the centre of the wheel hub with wheel bearing grease during a wheel change to prevent corrosion or rust build-up. Do not get grease on the flat wheel mounting surface or on the wheel nuts or bolts.

**Spare wheel**

**Compact 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.

The spare wheel has a steel rim. Use of a spare wheel that is smaller than the other wheels or together with winter tyres could affect driveability. Have the defective tyre replaced as soon as possible.

The spare wheel is located in the load compartment beneath the floor covering. It is secured in the recess with a wing nut.

The spare wheel well is not designed for all permitted tyre sizes. If a wheel wider than the spare must be stowed in the spare wheel well after changing wheels, the floor cover can be placed on the projecting wheel.
Caution

This spare wheel/tyre assembly is for temporary emergency use only.
Replace with regular wheel/tyre assembly as soon as possible.
Do not use tyre chains.
Do not install any tyre on this wheel which is not identical to the original.
Do not install on other vehicles.

Temporary spare wheel
Use of the temporary spare wheel could affect driveability. Have the defective tyre renewed or repaired as soon as possible.
Only mount one temporary spare wheel. Do not drive faster than 80 km/h. Take curves slowly. Do not use for a long period of time.
Tyre chains 225.

Directional tyres
Fit directional tyres such that they roll in the direction of travel. The rolling direction is indicated by a symbol (e.g. an arrow) on the sidewall.
The following applies to tyres fitted opposing the rolling direction:
- Driveability may be affected. Have the defective tyre renewed or repaired as soon as possible.
- Do not drive faster than 80 km/h.
- Drive particularly carefully on wet and snow-covered road surfaces.

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 vehicle battery explosion or damage to the electrical systems of both vehicles.

⚠️ Warning
Avoid contact of the vehicle battery with eyes, skin, fabrics and painted surfaces. The fluid contains sulphuric acid which can cause injuries and damage in the event of direct contact.
Never expose the vehicle battery to naked flames or sparks.

A discharged vehicle battery can already freeze at a temperature of 0 °C. Defrost the frozen vehicle battery before connecting jump leads.

Wear eye protection and protective clothing when handling a vehicle battery.

Use a booster vehicle battery with the same voltage (12 Volts). Its capacity (Ah) must not be much less than that of the discharged vehicle battery.

Use jump leads with insulated terminals and a cross section of at least 16 mm² (25mm² for diesel engine).

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, manual transmission in neutral, automatic transmission in P.

Open the positive terminal protection caps of both batteries.

Lead connection order:

1. Connect the red lead to the positive terminal of the booster vehicle battery.
2. Connect the other end of the red lead to the positive terminal of the discharged vehicle battery.
3. Connect the black lead to the negative terminal of the booster vehicle battery.
4. Connect the other end of the black lead to a vehicle grounding point, such as the engine block or an engine mounting bolt. Connect as far away from the discharged vehicle battery as possible, however at least 60 cm.

Route the leads so that they cannot catch on rotating parts in the engine compartment.

To start the engine:
1. Start the engine of the vehicle providing the jump.
2. After 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

If you need to have your vehicle towed, please use our service network or professional towing company.

The best method is to have the vehicle transported using a recovery vehicle.

If towing by 2 wheels, lift the front driving wheels and tow with the front tyres locked.
Please observe the following procedures when towing a vehicle:

- No passenger should remain in the vehicle being towed.
- Release the parking brake of the towed vehicle and place the transmission gear in neutral.
- Switch on the emergency warning lights.
- Keep the speed limits.

**Emergency towing**

If towing service is not available in an emergency, your vehicle may be temporarily towed by a rope secured to the emergency towing eye.

Disengage cap by pressing and remove the cap.
The towing eye is stowed with the vehicle tools \(\text{\(\text{\(\Rightarrow\)}}\text{ } 219\).

Screw in the towing eye as far as it will go until it stops in a horizontal position.
Attach a tow rope – or better still a tow rod – to the towing eye.
The towing eye must only be used for towing and not for recovering the vehicle.

Switch on ignition to release steering wheel lock and to permit operation of brake lights, horn and windscreen wiper.
Transmission in neutral.

<table>
<thead>
<tr>
<th><strong>Caution</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive slowly. Do not drive jerkily. Excessive tractive force can damage the vehicle.</td>
</tr>
</tbody>
</table>

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: Do not tow the vehicle using the towing eye.

Towing with a tow rope could cause severe automatic transmission damage. When towing a vehicle with automatic transmission, use flat bed or wheel lift equipment.
Vehicle care

Vehicles with manual transmission:
The vehicle must be towed facing forward, not faster than 88 km/h. 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 and close cap.

Towing another vehicle

Disengage cap by pressing and remove the cap. The towing eye is stowed with the vehicle tools 219.

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.
After towing, reinstall the cover firmly.

Caution

Drive slowly. Do not drive jerkily. Excessive tractive force can damage the vehicle.

Appearance care

Exterior care

Locks

The locks are lubricated at the factory using a high quality lock cylinder grease. Use de-icing agent only when absolutely necessary, as this has a degreasing effect and impairs lock function. After using 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 windshield wipers and rear window wiper must be switched off. Lock the vehicle so that the fuel filler flap cannot be opened. Remove antenna and external accessories such as roof racks etc.

If you wash your vehicle by hand, make sure that the insides of the wheel housings are also thoroughly rinsed out.

Clean edges and folds on opened doors and the bonnet as well as the areas they cover.

Have the door hinges of all doors greased by a workshop.

Do not clean the engine compartment with a steam-jet or high-pressure jet cleaner.

Thoroughly rinse and leather-off the vehicle. Rinse leather frequently. Use separate leathers for painted and glass surfaces: remnants of wax on the windows will impair vision.

Do not use hard objects to remove spots of tar. Use tar removal spray on painted surfaces.

**Exterior lights**

Headlight and other light covers are made of plastic. Do not use any abrasive or caustic agents, do not use an ice scraper, and do not clean them when dry.

When removing insect debris, grease dirt or tar from the lights or lenses, only use lukewarm water, a soft cloth and a car washing soap.

Hard cleaning with a dry cloth can damage the light covers. Do not clean with intensive car washing fluid. Avoid using hazardous cleaners. It can cause the lens to crack by a chemical reaction.

**Note**

Refer to a car washing guide and only use mild detergents to avoid damage to the headlamp lens. Never use cleaning fluids which contain any of the following:

- Acetone
- Benzene
- Toluene
- Xylene
- Thinners

**Polishing and waxing**

Wax the vehicle regularly (at the latest when water no longer beads). Otherwise, the paintwork will dry out.

Polishing is necessary only if the paint has become dull or if solid deposits have become attached to it.

Paintwork polish with silicone forms a protective film, making waxing unnecessary.

Plastic body parts must not be treated with wax or polishing agents.

**Windows and windscreen wiper blades**

Use a soft lint-free cloth or chamois leather together with window cleaner and insect remover.

When cleaning the rear window, make sure the heating element inside is not damaged.
When cleaning the inside of the rear window, 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.

**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.

**Special package and body kit**

- Be careful when towing to prevent damage by the tow rope. Remove cover in bumper before towing.
- Reduced ground clearance. Drive slowly over ramps, bumps or kerbs.
- Use support when lifting the vehicle.
- To prevent body damage and breakage, it is recommended to completely lift the vehicle onto a recovery vehicle when transporting the vehicle.

**Underbody**

Corrosive materials used for ice and snow removal or dust control can collect on the underbody of your vehicle. Failure to remove these materials can accelerate corrosion and rust. Periodically use plain water to flush these materials from the underbody of your vehicle.

Take care to clean any areas in which mud and other debris can collect. Loosen any sediment packed in closed areas before flushing with water.

**Interior care**

**Interior and upholstery**

Only clean the vehicle interior, including the instrument panel fascia and panelling, with a dry cloth or interior cleaner. 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.

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.
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.

Confirmations
Confirmation of service is recorded in the Service Guide.
The date and mileage is completed with the stamp and signature of the servicing workshop.
Make sure that the Service Guide 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.
Scheduled maintenance
Service schedules

Maintenance interval

Every 1 year / 15000 km (whichever occurs first)

Maintenance I: Use Maintenance I for the first service or if Maintenance II was performed previously.
Maintenance II: Use Maintenance II if the previous service performed was Maintenance I.

<table>
<thead>
<tr>
<th>No</th>
<th>Service operation</th>
<th>Maintenance I</th>
<th>Maintenance II</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Replace engine oil and filter.</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>2</td>
<td>Inspect for any leaks or damage.</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>Inspect engine air filter.</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>Inspect tyres for inflation pressures and wear.</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>Inspect brake system.</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>Inspect engine coolant and windshield washer fluid levels and add fluid as needed.</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>7</td>
<td>Inspect suspension and steering components.</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>8</td>
<td>Inspect wiper blades and the operation of exterior lighting.</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>9</td>
<td>Inspect drive belts.</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>10</td>
<td>Perform any required additional services - see applicable section.</td>
<td>I</td>
<td>I</td>
</tr>
</tbody>
</table>
### Service and maintenance

<table>
<thead>
<tr>
<th>No</th>
<th>Service operation</th>
<th>Maintenance I</th>
<th>Maintenance II</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Check for field actions.</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td></td>
<td>Maintenance 2 - perform all services described in Maintenance 1, plus the following</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Replace brake fluid.</td>
<td></td>
<td>R</td>
</tr>
<tr>
<td>13</td>
<td>Inspect engine cooling system.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Inspect restraint system components.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Inspect powertrain and driveline components.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Lubricate body components.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

I: Inspect these items and their related parts. If necessary, correct, clean, replenish, adjust or replace.
R: Replace or change.

<table>
<thead>
<tr>
<th>No</th>
<th>Description</th>
<th>Aveo</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>Replace pollen filter.</td>
<td>Every 60000 km / 2 years</td>
</tr>
<tr>
<td>18</td>
<td>Replace air filter.</td>
<td>Every 60000 km / 4 years</td>
</tr>
<tr>
<td>19</td>
<td>Replace spark plugs.</td>
<td>Every 60000 km / 4 years</td>
</tr>
<tr>
<td>20</td>
<td>Replace engine coolant.</td>
<td>Every 240000 km / 5 years</td>
</tr>
</tbody>
</table>
| 21 | Replace automatic transmission oil.| Normal conditions: every 150000 km / 10 years  
<p>|    |                                  | Severe conditions: every 75000 km / 5 years  |</p>
<table>
<thead>
<tr>
<th>No</th>
<th>Description</th>
<th>Aveo</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Replace auxiliary belt.</td>
<td>Stretch: every 90000 km / 10 years</td>
</tr>
<tr>
<td>23</td>
<td>Replace drive belt.</td>
<td>Every 150000 km / 10 years</td>
</tr>
<tr>
<td>24</td>
<td>Inspect valve clearance - adjust if required.</td>
<td>Every 150000 km / 10 years</td>
</tr>
<tr>
<td>25</td>
<td>Replace timing chain.</td>
<td>Every 240000 km / 10 years</td>
</tr>
<tr>
<td>26</td>
<td>Replace timing belt.</td>
<td>Every 150000 km / 10 years</td>
</tr>
<tr>
<td>27</td>
<td>Replace fuel filter</td>
<td>Every 60000 km / 2 years</td>
</tr>
</tbody>
</table>

1.2D, 1.4D, 1.4 Turbo, Diesel
<table>
<thead>
<tr>
<th>Footnotes</th>
<th>Maintenance item</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>If driving under severe conditions: short distance driving, extensive idling or driving in dusty condition, engine oil and the filter may require replacement more often.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Fluid loss in any vehicle system could indicate a problem. The system should be inspected and repaired and the fluid level checked. Add fluid if needed.</td>
<td></td>
</tr>
<tr>
<td>3 &amp; 17</td>
<td>If driving regularly in dusty conditions, inspect the filter more frequently. If driving regularly in dusty conditions, the filter may require replacement more often.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Visually inspect brake lines and hoses for binding, leaks, cracks, chafing, etc. Inspect disc brake pads for wear and discs for surface condition. Inspect drum brake linings/shoes for wear or cracks. Inspect other brake parts, including drums, wheel cylinders, calipers, parking brake, etc.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Visually inspect front and rear suspension and steering system for damage, loose or missing parts or signs of wear. Inspect power steering components for binding, cracks, chafing, etc.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Inspect wiper blades for wear, cracking, or contamination. Clean the windshield and wiper blades, if contaminated. Replace wiper blades that are worn or damaged.</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>If driving under severe conditions: driving in hilly or mountainous terrain, or towing a trailer frequently, brake fluid may require replacement more often.</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Visually inspect hoses and have them replaced if they are cracked, swollen, or deteriorated. Inspect all pipes, fittings, and clamps; replace with genuine parts if needed. To help ensure correct operation, a pressure test of the cooling system and pressure cap and cleaning the outside of the radiator and air conditioning condenser is recommended.</td>
<td></td>
</tr>
<tr>
<td>Maintenance item</td>
<td>Note</td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Make sure the safety belt reminder light and safety belt assemblies are working correctly. Look for any other loose or damaged safety belt system parts. If you see anything that might keep a safety belt system from doing its job, have it repaired. Ensure any torn or frayed safety belts are replaced.</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Lubricate all key lock cylinders, door hinges and latches, hood hinges and latches, and trunk lid hinges and latches. More frequent lubrication may be required when exposed to a corrosive environment. Applying silicone grease on weatherstrips with a clean cloth will make them last longer, seal better, and not stick or squeak.</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>The diesel fuel filter cartridge may need to be replaced more frequently, based on biodiesel usage, driving in severe dust climate or off-road driving or towing a trailer for extended periods.</td>
<td></td>
</tr>
</tbody>
</table>

**General for auto transmission**

Change automatic transmission fluid and filter if the vehicle is mainly driven under one or more of these conditions:
- In heavy city traffic where the outside temperature regularly reaches 90°F (32°C) or higher.
- In hilly or mountainous terrain.
- When doing frequent trailer towing.
- Uses such as found in taxi, police, or delivery service.

**General for belts**

Visually inspect belt for fraying, excessive cracks, or obvious damage. Replace belt if necessary.

**General all**

Check all systems for interference or binding and for damaged or missing parts. Replace parts as needed. Replace any components that has excessive wear.
## Maintenance item

<table>
<thead>
<tr>
<th>Maintenance item</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyre condition &amp; inflation pressure</td>
<td>Tyre condition should be inspected before driving and tyre pressure should be checked each time you fill your fuel tank or at least once a month using a tyre pressure gauge.</td>
</tr>
<tr>
<td>Wheel alignment</td>
<td>If necessary, rotate and balance wheels.</td>
</tr>
</tbody>
</table>
Additional servicing

Extreme operating conditions

Extreme operating conditions are given when at least one of the following occurs frequently:

- Repeated short-distance driving less than 10 km.
- Extensive idling and/or slow-speed driving in stop-and-go traffic.
- Driving on dusty roads.
- Driving on hilly or mountainous terrain.
- Towing a trailer.
- Driving in heavy city traffic where the outside temperatures regularly reach 32 °C or higher.
- Driving as a taxi, police or delivery vehicle.
- Frequent driving when outside temperature remains below freezing.

Police vehicles, taxis and driving school vehicles are also classified as operating under extreme conditions.

Under extreme operating conditions, it may be necessary to have certain scheduled service work done more frequently than the scheduled intervals. Seek technical advice on the servicing requirements dependent on the specific operating conditions.

Recommended fluids, lubricants and parts

Recommended fluids and lubricants

Only use products that have been tested and approved. Damage resulting from the use of non-approved materials will not be covered by the warranty.

⚠️ 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.

Engine oil quality
Dexos 2™

Selecting the right engine oil
Selecting the right engine oil depends on the proper oil specification and viscosity grade.

Use and ask for engine oils with the dexos™ certification mark. Oils meeting the requirements of your vehicle should have the dexos™ certification mark on the container. This certification mark indicates that the oil has been approved to the dexos™ specification.

Your vehicle was filled at the factory with dexos™ approved engine oil.

Use only engine oil that is approved to the dexos™ specification or an equivalent engine oil of the appropriate viscosity grade. Use of oils that do not meet the dexos specification, however, may result in reduced performance and engine damage under certain circumstances.

If you are unsure whether your oil is approved to the dexos™ specification, ask your service provider.

Topping up engine oil
Engine oils of different manufacturers and brands can be mixed as long as they comply with the required engine oil (quality and viscosity).

If engine oil of the required quality is not available, a maximum of 1 litre of ACEA A3/B4 or A3/B3 grade may be used (only once between each oil change).

The viscosity should be of the correct rating.

Use of engine oil with only ACEA A1/B1 or only A5/B5 quality is prohibited, since it can cause long term engine damage under certain operating conditions.

Engine oil additives
The use of 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.

Multi grade oil is indicated by two figures:
The first figure, followed by a W, indicates the low temperature viscosity and the second figure the high temperature viscosity.
SAE 5W-30 is the best viscosity grade for your vehicle. Do not use other viscosity grade oils such as SAE 10W-30, 10W-40 or 20W-50.

**Cold temperature operation:**
If in an area of extreme cold, where the temperature falls below -25°C, SAE 0W-xx oil should be used. An oil of this viscosity grade will provide easier cold starting for the engine at extremely low temperatures. When selecting an oil of the appropriate viscosity grade be sure to always select oil that meets the dexos™ specification.

- Down to -25 °C: 5W-30, 5W-40
- Down to -25 °C and below: 0W-30, 0W-40

**Coolant and antifreeze**
Use only organic acid type-long life coolant (LLC) antifreeze.

- In countries with moderate climate the coolant provides freeze protection down to approx. -35°C.
- In countries with cold climate the coolant provides freeze protection down to approx. -50°C. This concentration should be maintained all year-round.
- Maintain a sufficient concentration of anti-freeze.

Coolant additives intended to give additional corrosion protection or seal against minor leaks can cause function problems. Liability for consequences resulting from the use of coolant additives will be rejected.

**Brake fluid**
Only use our authorised brake fluid for this vehicle (DOT 4).

Over time, brake fluid absorbs moisture which will reduce braking effectiveness. The brake fluid should therefore be replaced at the specified interval.

Brake fluid should be stored in a sealed container to avoid water absorption.

Ensure brake fluid does not become contaminated.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Using low quality brake fluid may cause corrosion to internal components of the brake system, which may result in decreased brake system performance, which is a safety concern. Always use high quality brake fluid approved for your vehicle model. We recommend GM genuine brake fluid.</td>
</tr>
</tbody>
</table>

**Power steering fluid**
Only use Dexron VI fluid.
Manual transmission fluid
For 1.6 Petrol Engine: Only use SAE75W90 fluid.
Except 1.6 Petrol Engine: Only use Castrol BOT 303 fluid.

Automatic transmission fluid
Only use Dexron VI fluid.
Vehicle identification

Vehicle Identification Number

The vehicle identification number (VIN) is engraved the centre of the fire wall.

Identification plate

The identification plate is on the left door frame.
<table>
<thead>
<tr>
<th>Sales designation</th>
<th>1.2D/1.2D ECO</th>
<th>1.2D Detuned</th>
<th>1.4D</th>
<th>1.4 Turbo</th>
<th>1.6D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine identifier code</td>
<td>LDC</td>
<td>LWD</td>
<td>LDD</td>
<td>LUJ</td>
<td>LDE</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Piston displacement [cm³]</td>
<td>1229</td>
<td>1229</td>
<td>1398</td>
<td>1364</td>
<td>1598</td>
</tr>
<tr>
<td>Engine power [kW]</td>
<td>63</td>
<td>51</td>
<td>74</td>
<td>103</td>
<td>85</td>
</tr>
<tr>
<td>at rpm</td>
<td>5600</td>
<td>5600</td>
<td>6000</td>
<td>4900 ~ 6000</td>
<td>6000</td>
</tr>
<tr>
<td>Torque [Nm]</td>
<td>115</td>
<td>115</td>
<td>130</td>
<td>200</td>
<td>155</td>
</tr>
<tr>
<td>at rpm</td>
<td>4000</td>
<td>4000</td>
<td>4000</td>
<td>1850 ~ 4900</td>
<td>4000</td>
</tr>
<tr>
<td>Fuel type</td>
<td>Petrol</td>
<td>Petrol</td>
<td>Petrol</td>
<td>Petrol</td>
<td>Petrol</td>
</tr>
<tr>
<td>Octane rating RON</td>
<td>RON 91 or higher</td>
<td>RON 91 or higher</td>
<td>RON 91 or higher</td>
<td>RON 91 or higher</td>
<td>RON 91 or higher</td>
</tr>
<tr>
<td>Sales designation</td>
<td>1.3 FGT</td>
<td>1.3 VGT</td>
<td>1.3 VGT ECO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engine identifier code</td>
<td>LDV</td>
<td>LSF</td>
<td>LSF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Piston displacement [cm³]</td>
<td>1248</td>
<td>1248</td>
<td>1248</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engine power [kW] at rpm</td>
<td>55</td>
<td>70</td>
<td>70</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4000</td>
<td>4000</td>
<td>4000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Torque [Nm] at rpm</td>
<td>190</td>
<td>210</td>
<td>190</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1750-2250</td>
<td>1750-2500</td>
<td>1750-3000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fuel type</td>
<td>Diesel</td>
<td>Diesel</td>
<td>Diesel</td>
<td></td>
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</tr>
</tbody>
</table>
## Performance

<table>
<thead>
<tr>
<th>Engine</th>
<th>1.2D</th>
<th>1.2D ECO</th>
<th>1.2D DETUNED</th>
<th>1.4D</th>
<th>1.4 Turbo</th>
<th>1.6D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top speed(^1) [km/h]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manual transmission</td>
<td>171</td>
<td>183</td>
<td>162</td>
<td>177</td>
<td>197</td>
<td>189</td>
</tr>
<tr>
<td>Automatic transmission</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>175</td>
<td>182</td>
<td>186</td>
</tr>
</tbody>
</table>

\(^1\) The maximum speed indicated is achievable at kerb weight (without driver) plus 200 kg payload. Optional equipment could reduce the specified maximum speed of the vehicle.

<table>
<thead>
<tr>
<th>Engine</th>
<th>1.3 FGT &amp; MT</th>
<th>1.3 VGT &amp; MT</th>
<th>1.3 VGT ECO &amp; MT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top speed(^1) [km/h]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manual transmission</td>
<td>163</td>
<td>174</td>
<td>174</td>
</tr>
<tr>
<td>Automatic transmission</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

\(^1\) The maximum speed indicated is achievable at kerb weight (without driver) plus 200 kg payload. Optional equipment could reduce the specified maximum speed of the vehicle.
## Vehicle weight

**Minimum kerb weight, with driver (75kg)**

<table>
<thead>
<tr>
<th>Petrol engine</th>
<th>Stop-start system</th>
<th>Hatchback/Notchback [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2D &amp; MT</td>
<td>X</td>
<td>1145/1160</td>
</tr>
<tr>
<td></td>
<td>O</td>
<td>1156/1164</td>
</tr>
<tr>
<td>1.2D DETUNED &amp; MT</td>
<td>X</td>
<td>1145/1160</td>
</tr>
<tr>
<td></td>
<td>O</td>
<td>1156/1164</td>
</tr>
<tr>
<td>1.2D ECO &amp; MT</td>
<td>O</td>
<td>1139/-</td>
</tr>
<tr>
<td>1.4D &amp; MT</td>
<td>O</td>
<td>1164/1184</td>
</tr>
<tr>
<td>1.4D &amp; AT</td>
<td>O</td>
<td>1192/1204</td>
</tr>
<tr>
<td>1.4 Turbo &amp; MT</td>
<td>X</td>
<td>1276/-</td>
</tr>
<tr>
<td>1.4 Turbo &amp; AT</td>
<td>X</td>
<td>1300/-</td>
</tr>
<tr>
<td>1.6D &amp; MT</td>
<td>O</td>
<td>1229/1245</td>
</tr>
<tr>
<td>1.6D &amp; AT</td>
<td>O</td>
<td>1245/1259</td>
</tr>
</tbody>
</table>
**Technical data**

### Diesel engine

<table>
<thead>
<tr>
<th>Engine</th>
<th>Vehicle type</th>
<th>[kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.3 FGT &amp; MT</td>
<td>Hatchback</td>
<td>1247</td>
</tr>
<tr>
<td></td>
<td>Notchback</td>
<td>1262</td>
</tr>
<tr>
<td>1.3 VGT &amp; MT</td>
<td>Hatchback</td>
<td>1260</td>
</tr>
<tr>
<td></td>
<td>Notchback</td>
<td>1275</td>
</tr>
<tr>
<td>1.3 VGT ECO &amp; MT</td>
<td>Hatchback</td>
<td>1240</td>
</tr>
<tr>
<td></td>
<td>Notchback</td>
<td>1278</td>
</tr>
</tbody>
</table>

### Maximum kerb weight, with driver (75kg)

<table>
<thead>
<tr>
<th>Petrol engine</th>
<th>Stop-start system</th>
<th>Hatchback/Notchback [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2D &amp; MT</td>
<td>X</td>
<td>1236/1251</td>
</tr>
<tr>
<td></td>
<td>O</td>
<td>1247/1255</td>
</tr>
<tr>
<td>1.2D DETUNED &amp; MT</td>
<td>X</td>
<td>1209/1224</td>
</tr>
<tr>
<td></td>
<td>O</td>
<td>1220/1228</td>
</tr>
<tr>
<td>1.2D ECO &amp; MT</td>
<td>O</td>
<td>1221/-</td>
</tr>
<tr>
<td>1.4D &amp; MT</td>
<td>O</td>
<td>1256/1276</td>
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</tbody>
</table>
### Technical Data

<table>
<thead>
<tr>
<th>Engine</th>
<th>Stop-start system</th>
<th>Hatchback/Notchback [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.4D &amp; AT</td>
<td>O</td>
<td>1284/1296</td>
</tr>
<tr>
<td>1.4 Turbo &amp; MT</td>
<td>X</td>
<td>1298/-</td>
</tr>
<tr>
<td>1.4 Turbo &amp; AT</td>
<td>X</td>
<td>1322/-</td>
</tr>
<tr>
<td>1.6D &amp; MT</td>
<td>O</td>
<td>1296/1312</td>
</tr>
<tr>
<td>1.6D &amp; AT</td>
<td>O</td>
<td>1312/1326</td>
</tr>
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</table>

### Diesel Engine

<table>
<thead>
<tr>
<th>Engine</th>
<th>Vehicle type</th>
<th>[kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.3 FGT &amp; MT</td>
<td>Hatchback</td>
<td>1333</td>
</tr>
<tr>
<td></td>
<td>Notchback</td>
<td>1348</td>
</tr>
<tr>
<td>1.3 VGT &amp; MT</td>
<td>Hatchback</td>
<td>1346</td>
</tr>
<tr>
<td></td>
<td>Notchback</td>
<td>1361</td>
</tr>
<tr>
<td>1.3 VGT ECO &amp; MT</td>
<td>Hatchback</td>
<td>1330</td>
</tr>
<tr>
<td></td>
<td>Notchback</td>
<td>1345</td>
</tr>
</tbody>
</table>
## Gross vehicle weight

<table>
<thead>
<tr>
<th>Petrol engine</th>
<th>Stop-start system</th>
<th>Hatchback/Notchback [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engine</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.2D &amp; MT</td>
<td>X</td>
<td>1557/1566</td>
</tr>
<tr>
<td></td>
<td>O</td>
<td>1568/1570</td>
</tr>
<tr>
<td>1.2D DETUNED &amp; MT</td>
<td>X</td>
<td>1530/1539</td>
</tr>
<tr>
<td></td>
<td>O</td>
<td>1541/1543</td>
</tr>
<tr>
<td>1.2D ECO &amp; MT</td>
<td>O</td>
<td>1542/-</td>
</tr>
<tr>
<td>1.4D &amp; MT</td>
<td>O</td>
<td>1569/1581</td>
</tr>
<tr>
<td>1.4D &amp; AT</td>
<td>O</td>
<td>1597/1601</td>
</tr>
<tr>
<td>1.4 Turbo &amp; MT</td>
<td>X</td>
<td>1612/-</td>
</tr>
<tr>
<td>1.4 Turbo &amp; AT</td>
<td>X</td>
<td>1636/-</td>
</tr>
<tr>
<td>1.6D &amp; MT</td>
<td>O</td>
<td>1610/1617</td>
</tr>
<tr>
<td>1.6D &amp; AT</td>
<td>O</td>
<td>1626/1631</td>
</tr>
</tbody>
</table>
## Diesel engine

<table>
<thead>
<tr>
<th>Engine</th>
<th>Vehicle type</th>
<th>Hatchback/Notchback [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.3 FGT &amp; MT</td>
<td>Hatchback</td>
<td>1658</td>
</tr>
<tr>
<td></td>
<td>Notchback</td>
<td>1668</td>
</tr>
<tr>
<td>1.3 VGT &amp; MT</td>
<td>Hatchback</td>
<td>1686</td>
</tr>
<tr>
<td></td>
<td>Notchback</td>
<td>1696</td>
</tr>
<tr>
<td>1.3 VGT ECO &amp; MT</td>
<td>Hatchback</td>
<td>1634</td>
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<tr>
<td></td>
<td>Notchback</td>
<td>1649</td>
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</table>

## Vehicle dimensions

<table>
<thead>
<tr>
<th></th>
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<th>Notchback</th>
</tr>
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<tr>
<td>Length [mm]</td>
<td>4039</td>
<td>4399</td>
</tr>
<tr>
<td>Width [mm]</td>
<td>1735</td>
<td>1735</td>
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<tr>
<td>Height [mm]</td>
<td>1517</td>
<td>1517</td>
</tr>
<tr>
<td>Length of load compartment floor [mm]</td>
<td>716</td>
<td>925</td>
</tr>
<tr>
<td>Load compartment width [mm]</td>
<td>1103</td>
<td>998</td>
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<tr>
<td>Load compartment height [mm]</td>
<td>706</td>
<td>319</td>
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## Technical data

<table>
<thead>
<tr>
<th></th>
<th>Hatchback</th>
<th>Notchback</th>
</tr>
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<tbody>
<tr>
<td>Wheelbase [mm]</td>
<td>2525</td>
<td>2525</td>
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<tr>
<td>Turning circle diameter [m]</td>
<td>10.44</td>
<td>10.44</td>
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</table>
### Capacities

#### Engine oil

<table>
<thead>
<tr>
<th>Engine</th>
<th>1.2 D, 1.4 D</th>
<th>PETROL 1.4 Turbo</th>
<th>1.6 D</th>
<th>1.3 FGT</th>
<th>1.3 VGT</th>
</tr>
</thead>
<tbody>
<tr>
<td>including Filter [l]</td>
<td>4.3</td>
<td>4.0</td>
<td>4.5</td>
<td>3.2</td>
<td>3.5</td>
</tr>
<tr>
<td>between MIN and MAX [l]</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
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</tbody>
</table>

#### Fuel tank

<table>
<thead>
<tr>
<th>Nominal capacity [l]</th>
<th>46</th>
</tr>
</thead>
</table>
## Tyre pressures

<table>
<thead>
<tr>
<th>Tyres</th>
<th>Front [kPa/bar] ([psi])</th>
<th>1~3 Persons</th>
<th>4~5 Persons</th>
<th>Rear [kPa/bar] ([psi])</th>
<th>1~3 Persons</th>
<th>4~5 Persons</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>COMPORT</td>
<td>ECO</td>
<td>COMPORT</td>
<td>ECO</td>
<td>COMPORT</td>
<td>ECO</td>
</tr>
<tr>
<td>185/75 R14³</td>
<td>240/2.4 (35)</td>
<td>270/2.7 (39)</td>
<td>240/2.4 (35)</td>
<td>240/2.4 (35)</td>
<td>260/2.6 (38)</td>
<td>290/2.9 (42)</td>
</tr>
<tr>
<td>195/65 R15</td>
<td>240/2.4 (35)</td>
<td>300/3.0 (43)</td>
<td>240/2.4 (35)</td>
<td>240/2.4 (35)</td>
<td>260/2.6 (38)</td>
<td>310/3.1 (45)</td>
</tr>
<tr>
<td>205/60 R15⁴</td>
<td>240/2.4 (35)</td>
<td>270/2.7 (39)</td>
<td>240/2.4 (35)</td>
<td>240/2.4 (35)</td>
<td>260/2.6 (38)</td>
<td>310/3.1 (45)</td>
</tr>
<tr>
<td>205/55 R16⁵</td>
<td>240/2.4 (35)</td>
<td>270/2.7 (39)</td>
<td>240/2.4 (35)</td>
<td>240/2.4 (35)</td>
<td>260/2.6 (38)</td>
<td>310/3.1 (45)</td>
</tr>
<tr>
<td>205/50 R17⁵</td>
<td>240/2.4 (35)</td>
<td>270/2.7 (39)</td>
<td>240/2.4 (35)</td>
<td>240/2.4 (35)</td>
<td>260/2.6 (38)</td>
<td>260/2.6 (38)</td>
</tr>
<tr>
<td>Compact spare tyre</td>
<td>420/4.2 (60)</td>
<td>420/4.2 (60)</td>
<td>420/4.2 (60)</td>
<td>420/4.2 (60)</td>
<td>420/4.2 (60)</td>
<td>420/4.2 (60)</td>
</tr>
</tbody>
</table>

²) Gross vehicle weight.
³) Except 1.6D and except diesel engine.
⁴) For aftermarket only except 1.2D detuned engine.
⁵) Except 1.2D detuned engine.
Vehicle data recording and privacy

The vehicle has a number of computers that record information about the vehicle’s performance and how it is driven. For example, the vehicle uses computer modules to monitor and control engine and transmission performance, to monitor the conditions for airbag deployment and deploy them in a crash and, if equipped, to provide antilock braking to help the driver control the vehicle. These modules may store data to help the dealer technician service the vehicle. Some modules may also store data about how the vehicle is operated, such as rate of fuel consumption or average speed. These modules may retain personal preferences, such as radio presets, seat positions and temperature settings.

Event data recorders

Vehicle Data Recording

This vehicle may be equipped with a module that records data in certain crash or near crash-like situations, such as when an air bag deploys or the vehicle hits a road obstacle. This data could help provide a better understanding of the circumstances in which crashes and injuries occur. Some data may be related to the vehicle dynamics and safety systems operation.

The data may show:

- How various systems in the vehicle were operating.
- Whether or not the driver and passenger safety belts were buckled/fastened.
- If and how far the driver was pressing the accelerator and/or brake pedal.
- How fast the vehicle was travelling.
This data could provide an understanding of the circumstances in which crashes and injuries occur. Data could be recorded by the vehicle only if a non-trivial crash situation occurs; no data are recorded under normal driving conditions and no personal data are recorded. However, other parties, such as law enforcement, could combine recorded data with the type of personally identifying data routinely acquired during a crash investigation.

To read recorded data, special equipment is required and access to the vehicle or the module is needed. In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the module.

GM will not access this data or share it with others except: with the consent of the vehicle owner or, if the vehicle is leased, with the consent of the lessee; in response to an official request by police or similar government office; as part of GM's defense of litigation through the discovery process; or, as required by law. Data that GM collects or receives may also be used for GM research needs or may be made available to others for research purposes, where a need is shown and the data is not tied to a specific vehicle or vehicle owner.

**Radio Frequency Identification (RFID)**

RFID technology is used in some vehicles for functions such as tyre pressure monitoring and ignition system security. It is also used in connection with conveniences such as radio remote controls for door locking/unlocking and starting, and in-vehicle transmitters for garage door openers. RFID technology in Chevrolet vehicles does not use or record personal information or link with any other Chevrolet system containing personal information.
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</tr>
<tr>
<td>Manual door locks ............................... 20</td>
<td>Manual transmission ............................ 171</td>
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<td>Manual transmission fluid .................... 197</td>
</tr>
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