E7T User Manual

User Manual

Disclaimer

Note:
Thank you for choosing BEO-E7T model thermostat selected in the market, E7T, that is smart electric HeatPump series. During your power saving with E7T, you will get a comfortable and considerate experience.

Before starting your operation with E7T, it is recommended that you read the User Manual from the center display to get all information about the product and its functions.

- The contents of this manual shall not be reproduced or transferred in whole or in part without legal consent of the manufacturer.
- Do not defaced the rating label or function or personal impact, which, when peeled off, can be unstuck, adhered or concealed to restore impact and with identification.
- The details, figures and pictures used in this manual are for illustration purposes only, and the contents in the software may vary.

The description and illustration in this manual are for reference only. The actual equipment, configuration and features of the product shall prevail. We reserve the right to make changes to the product and software without prior notice in the light of your vitality. For the avoidance of doubt, E7T reserves the right to make the interface and where to provide the functions and services, and to make the relevant adjustment of the system for safety, compliance with laws and regulations and other considerations.

Please strictly follow the warning information in this manual to use your electric power safely. Please also keep updated with the latest version of this manual. E7T reserves the right to modify the content of this manual without prior notice. Please contact the local dealer or visit the official website to obtain the latest version of the manual. **Failure to comply with the instructions may cause bodily injury or property damage and E7T is not responsible for any damage.**

- Warning: This symbol is closely related to personal safety and must be complied. Failure to comply may lead to personal injury or death.
- Caution: This symbol indicates that you may also lose or need possible, certain damage or property damage.
- Note: This symbol gives you suggestions for better use of your schedule.

If you have any questions, please contact the local dealer or send an email to the E7T official website to obtain the latest version of the manual and the relevant information.

If you need assistance in an emergency, please contact us by phone:

Germany	800-Germany	0 year Advance
Ireland	800-Ireland	0 year Advance
Sweden	800-Sweden	0 year Advance
Netherlands	800-0000-0000	0 year Advance
Belgium	800-0000-0000	0 year Advance
Norway	47-800 24 700	0 year Advance

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Emergency Unlocking/Locking

Unlocking/Locking from the Outside

When you are unable to unlock or lock the vehicle from the outside with one of the aforementioned methods, you can use the emergency key to unlock or lock the driver's door.

Step 1

Insert the emergency key in your vehicle. Please leave it safe in case of emergency.

To use the emergency key:

1. Pull out the metal key portion of the emergency key while toggling the switch on the emergency key.

2. Push the front end of the emergency key into the driver's door.

3. Fold the door handle, and insert the emergency key into the hole. Rotate the key counterclockwise to unlock the driver's door.

4. To lock the driver's door, rotate the key counterclockwise first for unlocking, and then turn it clockwise.

Caution

To lock the vehicle with the key left after you have unlocked the vehicle temporarily, you must, first, lock (either by unlocking or locking) the door with the key.

When the CTS lamp is off (i.e. only the driver's door will be locked by the emergency key, if you want to lock the other doors, you can toggle twice on the keyfob and close the driver's door, the door will be locked in turn).

Note

Unlocking from the Inside

When the door is locked, the lock button of the door needs to be pulled to be unlocked. For example, when the electronic switch for the door lock button is in the locked state, the vehicle and the unlocked state of the button door handle must be pulled to be unlocked.

Caution

- When the CTS lamp is off, which is not on, power, the electrical transmission line can only be used to unlock the door on the driver side. In such instances it cannot be used to unlock the vehicle. The other doors can only be unlocked by the door lock button, door handle or the emergency key.
- The windows cannot be forced when the door is operating (the mechanical door lock button is in the locked position). Screens doing so would risk damaging the window (see page).
- Do not use the door lock button to unlock the door if the door lock button is unlocked. They can only be opened from outside once the vehicle is unlocked.
- In the event of an accident that is of sufficient gravity to trigger airbag deployment, the child safety lock on the rear door will unlock automatically.

Walk Up Unlock

Walk Up Unlock allows you to carry a valid smart key or a mobile phone with the Unlocking and Starting via Bluetooth feature enabled. Without taking out the key, the vehicle will be automatically unlocked when you are within 5 meters (16 feet) of the vehicle.

To enable or disable the feature, go to the Settings menu from control bar at the bottom of the center display, and tap **Door and Windows Lock > Door Lock > Walk Up Unlock**.

Auto Unlock When In PARK

The vehicle can be automatically unlocked in PARK without using the door handles or the center display.

If the vehicle is locked automatically by Driver Away Lock or a paired smart keyfob, the door can be opened by the driver's door handle, or by pressing the unlock button on the center display, or by pressing the unlock button on the keyfob. The Hazard lights will flash and the Horn will sound twice.

You can enable/disable this feature in the Settings menu from control bar at the bottom of the center display, and tap **Door and Windows Lock > Door Lock > Auto Unlock When In PARK**. Please note, the Walk Away Lock is disabled when Auto Unlock When In PARK is enabled, and vice versa (i.e. when Walk Away Lock is enabled, the Unlocking and Starting via Bluetooth feature is disabled, and vice versa).

Caution

- When Walk Away Lock is turned on, ensure that you which to put a fob in the vehicle as it is not easy accessible.
- Auto Unlock When In PARK is not available when the vehicle is in Valet Mode, Transport Mode, Dealer Mode, Shipping Mode, or when a smart key is not detected in the vehicle.
- When there is another unauthenticated smart key fob in the vehicle or any other condition for locking is not met (such as the door is open), the vehicle will not lock (Driver Away Lock) or locking PARK, Auto Lock will not work.
- Please do not place your smart key fob close to a mobile phone, Bluetooth headset, or other electronicsmart devices, as it may affect the Bluetooth connection between the vehicle and the smart key.
- Equipment with wiring magnets field such as RF chargers or high voltage electronic may interfere with the smart key fob's signal, which may lead the vehicle to unlock or lock. It is recommended to carry your smart key fob with you to avoid any interference caused by the mentioned locking of the vehicle.

Drive-Away Locking

Your vehicle can automatically lock while driving.

When the vehicle is unlocked and all doors, the front hood, and the tailgate are closed, the vehicle automatically locks all doors and the tailgate, and sounds a beep.

Note

Drive Away Locking will only be activated once the vehicle transitions from being stationary to moving.

Anti-Theft Alarm System

Your vehicle is equipped with an alarm system (including the hood and tailgate) with the smart key, mobile app, NFC feature and the door unlocking key. Any door which remains open will automatically lock and arm.

If someone tries to open the door or the ignition of a vehicle armed but not yet without valid authentication, the anti-theft alarm will sound for approximately 30 seconds. The Hazard lights will flash. You can also unlock the vehicle from outside through the smart key, mobile app, and NFC feature to turn off the anti-theft alarm.

Door Handle

The smart door handles open automatically when the vehicle is locked or the vehicle speed exceeds 5 km/h.

You can configure the automatic door handle operation in the center display. Go to the Settings page from the control bar at the bottom of the center display, and tap **Door and Windows Lock > Door Lock > Door Handle Operation**. Then, select the door handle will automatically open for the driver, for the driver's door, or for all doors. Please note, the door handle will not open automatically if the door lock button is in the locked position.

Warning

- Be careful when unnecessarily access to the exterior door handles automatically unlock, please ensure that occupants especially children have been warned, away from the door handles. Failure to do so may result in personal injury.
- Do not put hands into or extend heavier you are wearing standard gloves, you can pull the door handle slightly to operate the door handle.

Note

If the exterior door handles cannot extend automatically, push the front end of the exterior door handle to deploy the corresponding handle.

You can turn the door from inside by pressing the electronic switch on the corresponding door door handles. Press once if the door is closed, and press it again if the door is locked. Hold the corresponding door lock button and the vehicle gives out beep sounds.

Caution

- When the vehicle's speed is higher than 5km/h, the electronic switch for the inner door handle will be automatically disabled. The protection will be lifting 10km/h.
- The electronic switch for the inner door handle can only be turned on when there is a smart key unlocked the vehicle.
- The electronic switch for the inner door handle will be disabled if the door is open. It will be enabled when the door is closed and when the door is locked.

Easy Entry

Easy Entry offers the driver and passengers multiple options and settings to make entering and exiting the vehicle more convenient.

Driver Easy Entry

After unlocking the driver's door or the center display, you can set the inner seat automatically position the seat to get out of the vehicle easier. The driver's seat will automatically move back to the last position when the driver exits the vehicle and the passenger door opens (assuming the seat has not been moved). The seat will return to the last position when the driver's door is closed and the vehicle is ready to be driven.

You can turn Settings from the bottom of the center display, and tap **Position Adjustment > Driver Seat > Driver Easy Entry**, then select Off, Low, Medium, or High. The driver's seat will automatically move back to the last position when the vehicle is unlocked. Please note, if the driver's door is opened before the vehicle is unlocked, the **Position Adjustment > Driver Seat > Driver Easy Entry** function will be disabled. If the driver's door is closed and the vehicle is unlocked, the seat will return to the last position when the driver's door is closed. If the vehicle, the driver's seat will return to the last position when the driver's door is closed.

Caution

When setting the seat position, do not move the seat to the maximum position or stroke the backrest to the lowest position. Doing so may cause the seat to move to the maximum position when the passenger door is opened and produce the other unintended results.

Note

Depending on Driver Seat Easy Entry, when you sit in the driver's seat and close the door to open the brake pedal, the driver's seat automatically moves back to the last position when the vehicle is unlocked and the driver's door is closed.

Front Passenger Easy Entry

A passenger opens the front passenger door when the vehicle is stopped and in PARK, the front passenger seat will move forward to the last position when the door is closed. The front passenger seat will automatically move back to the last position when the door is closed and the vehicle is unlocked.

You can turn Settings from the bottom of the center display, and tap **Position Adjustment > Front Passenger Seat > Front Passenger Easy Entry** to enable or disable this feature. Front Passenger Easy Entry has two setting options:

- Full: When the passenger unlocks the door and opens the passenger door, the vehicle will move forward to the last position when the door is closed. The front passenger seat will automatically move back to the last position when the door is closed and the vehicle is unlocked.
- Half: Clearly. When the passenger unlocks the door and half or quarter the passenger door, the seat will move to the last position when the door is closed. The front passenger seat will automatically move back to the last position when the door is closed and the vehicle is unlocked.

Note

When using Front Passenger Easy Entry, it is recommended that you set the driver's door position appropriately, and pay attention to the surrounding environment and the safety of the passengers in the second row.

Trunk Lid

Opening the Trunk Lid by Pressing

When you are carrying a smart key fob, you can open the trunk lid by gently pressing the button on the trunk keyfob.

Caution

Before opening the tailgate, ensure that it is free of objects such as snow and ice. Otherwise, the tailgate may unexpectedly close.

Note

You can close the trunk lid simply by pressing a button.

Press the button the trunk lid is automatically closed and locked.

Opening/Closing the Trunk Lid via the Center Display

Tap the Trunk icon on the center display, then tap the Open/Close icon to open/close the trunk lid.

Opening the trunk lid. Press and hold the Trunk Lid button on the center display, and the trunk lid will open automatically.

Closing the trunk lid. Press and hold the Trunk Lid button on the center display, and the trunk lid closes.

Note

The trunk is automatically locked the trunk lid is closed. Please unlock the trunk to open it.

Opening/Closing the Trunk Lid via the NFC App

When the vehicle is in PARK and the doors are closed, you can tap the **Car > Trunk** on the NFC app to open the trunk lid. You will be notified if the trunk lid is opened successfully. Tap the highlighted **Trunk** button again to close the tailgate. If the trunk lid is obstructed when closing, it will stop, sound a long chime, and return to the opposite direction to open.

Note

Ensure that the vehicle is unlocked.

Ensure that the range of the locking system is roughly in the middle of the seat hanger.

Warning

- Do not drive the vehicle when the tailgate is open.
- Do not place the end of long-packed cargoes that are in or near the tailgate opening area when opening or closing the tailgate.

Opening/Closing the Trunk Lid Manually

In case of an electrical failure, if the trunk lid is not properly closed, it should be manually operated in a short and steady motion to close the trunk lid.

Note

Avoid opening and closing the tailgate repeatedly and quickly, as this may result in compressor damage.

Trunk Lid Anti-Pinch Protection

The trunk lid has the anti-pinch feature.

If an obstacle prevents the trunk lid from opening or closing, the trunk lid will stop its upward or downward motion and the hazard lights will flash twice.

- If the trunk lid is automatically opening, it will stop and remain in the open position.
- If the trunk lid is obstructed when closing, it will stop, sound a long chime, and return to the opposite direction to a safe distance.

Warning

Disabling the risk of being pinched, ensure that no one is near the tailgate opening area before opening or closing the tailgate.

Window Control

The driver's door has control for the operation of the four windows.

1. Driver's side window
2. Passenger side window
3. Rear window - right
4. Rear window - left

Each of the other three rear door has control on the armrest to control the corresponding window.

- To partially open a window, toggle the corresponding switch forward, to fully lower a window, gently toggle the switch forward all the way then release (Express Window Opening).
- To partially close a window, toggle the corresponding switch backward, to fully close a window, gently toggle the switch backward all the way then release (Express Window Closing).

When the vehicle is in PARK and the driver's door is open, you can use the switch for the window on the driver's side to open the driver's door. The other three windows can be opened or closed by the switches on the other three doors and the door lock button is turned off, but when the door is closed, the other three windows will be locked. Turn the door lock button to the locked position, and the other windows can be operated.

Anti-pinch function is disabled when the window is in the last 10 mm of the stroke.

All four windows have anti-pinch protection. When an obstruction prevents the window from closing, the window will stop closing and move down slightly.

The window's anti-pinch function is as follows:

Warning

Before closing a window, ensure that all occupants, especially children, keep their heads and hands away from the window. Failure to do so may result in serious injury. Do not place any objects in the window area. Do not place valuables close to the window to avoid the window to accidentally close.

Do not place any objects in the window area. Do not place valuables close to the window to avoid the window to accidentally close.

- The window is frozen, which may the window from moving up.
- Anti-pinch protection is activated three times within 27 seconds, which stops the window from moving up.
- Anti-pinch protection is activated when the window is in the last 10 mm of the stroke.

Anti-pinch function will be disabled when the window is in the last 10 mm of the stroke.

- Toggle the corresponding switch backward until the window is fully closed.
- Release the switch and the window will move slowly. Toggle the switch backward again until the window is completely closed.
- Press the switch to lower the window until it is fully open.

Anti-Snow Chopping Protective Films

Installed on hood and on the door mirrors, anti-snow chopping protective films can effectively prevent the paint from damage caused by snow chopping. Installed on the door mirrors, anti-snow chopping protective films can effectively protect the paint and bumpers.

Note

Never remove the film partially or completely without any additional protection, otherwise the body paint may be damaged.

Charging Instructions

In order to maintain the vehicle in good condition, please promptly charge the vehicle when the battery level is low.

Caution

The vehicle can only be charged in PARK. It cannot be charged in REVERSE or NEUTRAL or during software updates.

The charge port on the left side of the vehicle. The vehicle can be charged with **AC** or **DC**.

Warning

- To avoid accidents, do not change the vehicle near any flammable gases or liquids and make sure to charge the vehicle in a ventilated area.
- During charging, any a safe distance from the charger to avoid any risks due to high voltage. Do not touch the charging port, charging cable, or charger with wet hands, or any other wet parts.
- Please see personal harm or injury by the charging equipment or operating it during charging.
- Charging equipment which shows signs of damage, poor, resistance or foreign matter should not be used for charging the vehicle.
- Unauthorized modifications or disassembly of the charging connection or equipment is prohibited.
- Please see charging equipment that complies with local standards when charging the vehicle. Otherwise, it may result in electric shock, fire, or other hazards. Please contact your local authorized dealer for assistance.
- Do not charge the vehicle in a dangerous environment. Please ensure that the charging cable is fully unwound and free of any damage to prevent the vehicle or the charging equipment.
- Before charging, please check the charging connection and the charging port for any foreign objects. Remove any foreign objects before charging. Please ensure the charging port is clean and free of any foreign objects to avoid the charging device, or personal injury. Please contact NIO if necessary.
- Please ensure the charging connection is properly connected and secure before you lock the door or charge operate. The connection should be fully inserted and locked to avoid any issues or overheating failures or damage to the vehicle or charging equipment.
- Do not use charging equipment that is damaged or has exposed wiring. Doing so may result in a charging failure or damage to the vehicle or the charging equipment.
- Please ensure the charging connection is properly connected and secure before you lock the door or charge operate. The connection should be fully inserted and locked to avoid any issues or overheating failures or damage to the vehicle or charging equipment.
- If the vehicle has a problem small or cracks outside while charging, stop charging and contact NIO immediately.
- Do not remove the charging connector before charging is completed. Doing so may cause an electric arc.

Caution

If ambient temperature temperature is too high or too low, the charging time will be affected. If the vehicle is high or low temperature, it will automatically adjust the charge, the battery capacity will be affected.

Charging Operations

You can charge the vehicle in both a private charging port and a public charging port.

Charging Process

1. Put the vehicle in Park, press the charge port cover to open it, or swipe right on the main page of the center display to open the charge port. Insert the charging cable into the charging port and it will automatically open. The vehicle will start charge and will light up the lamp.

Caution

Do not forcifully adjust the charge port cover when it is active or open. Doing so may damage the cover.

2. Check whether the charging connector and charging port are in good condition, plug the charger in the charge port to the vehicle, then the charger and the charging port will start charging. If the charger and the charge port are not in good condition, the charging will not start. Please check the charger and charge port. If the charger and charge port are in good condition, please contact the charger operator.

3. Turn on charging operation on and stop charging. You can tap the **STT > Button** in the main page of the center display, or tap the charging icon on the charging page, or tap the charging icon on the charging page, or tap the charging icon on the charging page to initiate that it is charging.

If you do not want to stop charging, you can tap the **STT > Button** in the main page of the center display after the charging is completed, or tap the charging icon on the charging page, or tap the charging icon on the charging page to stop charging.

When the charging is complete, press the unlock button of the charger before unplugging the charger.

Caution

During charging, you can unlock the vehicle and press and hold the Close button near the charge port to manually close the charge port.

If the temperature of the charger and the charging connector is too high, the charging will be paused or stopped automatically. If the temperature is too high, the charging will be stopped automatically and contact the NIO Service Center.

When charging and setting timer the charger goes down to the charge port cover, press the charge door release, or tap **Charge Door** in the center display, and the charge port cover will be automatically closed.

Note:

When you charge your vehicle using MR Power Home, the charge cover will automatically open if you remove the charging cable from the charging connector while charging is in progress. **If you want to keep the charge cover closed, set up the charge cable locking in Charge Settings. Otherwise, you will need to manually open the charge door to remove the charging connector.**

Unable to Unplug the Charger after Charging

If you are unable to unplug the charger after the vehicle is fully charged, try unplugging charger according to the steps below:

1. Be sure to the charger is secure that the vehicle locked of the charge port, and so lock and unlock the vehicle remotely. Also you can lock the vehicle locked of the charger by 15 seconds after the charge is finished. Then, unplug the charger after 15 seconds.
2. Open the charge door, and press the emergency unlocking button of the electronic lock of the charge port, and then try unplug the charger.

3. If you still cannot unplug the charger, stop charging immediately and contact the MR Service Center.

Battery Level and Charging Display

The status of the current high voltage battery and some warning information related to the battery can be displayed on the Battery Status screen.

- Current Power Display

It indicates the current power value of the high voltage battery when it provides power or receives energy from regenerative braking.

- High voltage Battery Energy Bar

This energy bar indicates the power provided by the high voltage battery, a green energy bar indicates the power provided to the motor.

- Range

It indicates the remaining range supported by the high voltage battery.

- Warning Indicator Icon

Yellow Warning Icon: Contact the MR Service Center.

Before charging or after stopping the vehicle, you can configure the desired charging settings on the center display. When the charging is completed, the vehicle will notify you of the completion of charging through the center display and the exterior lighting. Also, you can configure the desired charge limit to be applied automatically and delivered to your vehicle. Battery Preconditioning can be configured to be applied automatically when the vehicle is connected to a charger. Battery preconditioning is critical to the balance of the battery. Battery preconditioning and **Battery** is only the battery in the vehicle ready for charging, and it will be automatically applied.

You can access the Battery Information screen through the menu button on the right side of the charging, dual, and zero the current and voltage values of the current high voltage battery.

The information contained in the battery level on the Battery screen is as follows:

Displayed Icon on Instrument Panel	Description
	Normal indicator of high voltage battery
	This indicator indicates that the current high voltage battery is operating normally.
	Low battery indicator of high voltage battery
	This indicator indicates that the current high voltage battery is low on power. Please charge as soon as possible. The vehicle will automatically enter the Limp Home Mode.
	High voltage battery cut off warning light
	In this state, your vehicle is not energized by the high voltage battery. Please contact the MR Service Center immediately.
	Low voltage battery charging level warning light
	If this warning light illuminates, please contact the MR Service Center immediately.
	High voltage battery over temperature warning light
	If this warning light illuminates, please stop the car immediately and contact the MR Service Center.
	Ac and turn current overload indicator
	If this indicator lights up, please contact the center authorized maintenance. Do not drive your car, this indicates the performance of the high voltage battery.
	Charging cable connected indicator
	This indicator lights up to indicate that the charging cable is correctly connected.

Battery Preconditioning

Battery preconditioning is critical to the balance battery when driver is in cold condition such as winter. When the Preconditioning function is enabled the high voltage battery can be maintained at a proper temperature. Battery preconditioning can be applied automatically or manually. Driver can manually set the charging speed of the vehicle.

On-Board Battery Warming

The On-Board Battery Warming feature is enabled by default. You can set to the Battery Warming from the control bar at the bottom of the center display, and select to enable the **Battery** switch to enable the feature. After the feature is enabled, the battery will be automatically warmed up when the vehicle is connected to a charger. Battery preconditioning is critical to the high voltage battery preconditioning to the proper level. It is critical to the balance of the battery. Battery preconditioning can be applied automatically or manually. Driver can manually set the charging speed of the vehicle.

Battery preconditioning is critical to the On-Board Battery Warming feature which is automatically activated under the following conditions. The current preconditioning status will be displayed on the status bar of the high voltage battery.

- The navigation destination or waypoint is a Charging Station, or a service area with a Charging Station.
- The driver is asleep
- The current ambient temp is more than 15°Cor
- The battery is not fully charged.

Driver can manually enable the On-Board Battery Warming feature by selecting "Battery Pre-Time" (another by default and listen to "Keep Warm").

Conditions will automatically deactivate the preconditioning process the vehicle remains not in one of the following conditions:

- Contact a charger.
- Turn off the navigation or stop navigating to the Charging Station.
- The current ambient temp does not support a preconditioning to the destination 5°F/ 5min remaining.
- The vehicle enters DCFC mode.

Manual Battery Warming

The Manual Battery Warming feature is disabled by default. If you are familiar with the charging curve and do not want to follow the automatic battery warm up process, you can manually set the **Battery** switch to enable the feature. Manual battery preconditioning is critical to the balance of the battery. Battery preconditioning is critical to the balance of the battery. Battery preconditioning is critical to charging efficiency. When turning Manual Battery Warming off, it automatically is remain the current battery temperature. Driver can manually set the charging speed of the vehicle.

Driver can enable or disable the Manual Battery Warming feature in the center display. The status bar of the high voltage battery shows the current preconditioning status.

Conditions will automatically deactivate the preconditioning process the vehicle is off and is in any of the following conditions:

- Contact a charger.
- Press the Battery Warming button is enabled
- The battery has been warmed up to the set temperature and maintained for 1 hour.
- The vehicle enters DCFC mode.

Note:

- Activating the battery preconditioning feature will increase power consumption to a certain extent. Please plan your trip to reasonably manage it so as the battery equipment.
- After the On-Board Battery Warming feature is activated, the Manual Battery Warming feature will not be available.
- Battery preconditioning is critical to the balance of the battery. Battery preconditioning is critical to the balance of the battery and Power. Power is critical to charging and conditioning charge, mobile charge, and interior light settings.

High and Low Beams

Note:

Auto High Beams are only available when the headlights are set to the Auto mode or the feature is turned on.

Turn Lights

- Turn left: move the light control lever down
- Turn right: move the light control lever up

The turn signal lights go off when the steering wheel returns to a large turn position, but cannot be turned back to the middle position. If the turn signal lights are not automatically cancelled, manually move the turn signal lever back and forth to automatically or "Lightly" tap.

Fog Lights

- Press the first time: turn the Front Fog lights.
- Press the second time: turn the Rear Fog lights.
- Press the third time: turn off all Fog lights.
- Press the fourth time: turn off Front Fog lights.

Welcome Lighting

When you are authorized and your vehicle is unlocked, you can set to the Welcome Lighting function. Welcome Lighting function is enabled by default. When the vehicle is unlocked, the exterior lighting will be automatically turned on for a minute. Welcome Lighting function can be automatically turned on when the vehicle is unlocked. Welcome Lighting function can be turned off by the center display and the exterior lighting will be automatically turned off when the vehicle is locked and engaged.

Outer Door Handle Courtesy Lights

Outer door handle is equipped with a door handle courtesy light. The outer door handles will automatically turn on when the door is unlocked. The door handle courtesy light will turn off when the door is locked. The door handle courtesy light will remain on for 30 seconds. The door handle courtesy light will remain off if the door handle is retracted.

Reading Lights

Automatic Control of Reading Lights

When you unlock the vehicle or open any door to enjoyed, the reading lights turn on automatically to illuminate the cabin. The reading lights will be automatically turned off when the vehicle is locked. In the case, you can turn on the reading lights manually by following the steps below:

- The vehicle is being driven.
- The vehicle is stopped from the inside.
- It is time to open its cover. 45 minutes.
- All doors are closed for over 45 minutes.

When the vehicle is unlocked from the outside and you turn on a front reading light by touching the switch on the headliner, the reading light will be turned off manually.

Note: Setting Gives the Interior of the center display, and tap **Lights > Auto Reading Lights** to automatically turn on/off the reading lights.

Manual Control of Reading Lights

You can manually turn on the reading lights to illuminate the cabin when driving (Parked, Ready). Driving a large, or poorly illuminated parking lot, you can manually turn on the reading lights. The reading lights can be turned on/off by touching the switch on the headliner. You can also set the reading lights turned off when Driving Gives the Interior of the center display, tap **Lights > Reading Lights**.

When the vehicle is locked from the outside, it will a short long (3s) to the MR Logo, all reading lights will be turned off.

Note:

- If the front reading lights are turned on through a special switch in the headliner, they cannot be turned on or off automatically by the vehicle. If the front reading lights are turned on by the switch, the front reading lights can be turned off, the front and rear reading lights can be turned on or off automatically through the center reading lights.
- When your vehicle is not locked (unlocked), if the front reading lights are turned on manually, through the switch on the headliner, they will not be turned off automatically (not turned on or turned off).

Puddle Lights

There are two puddle lights under each door and two puddle lights on the tailgate. The puddle lights illuminate the ground at night to prevent you and passengers from stepping into a puddle.

The puddle lights will turn on when a corresponding door or the tailgate is opened, and turn off after it remains open for 30 minutes or 5 hours.

Smart Ambient Lights

The smart ambient lights are located in the doors, storage space and floor. You can set your preferred ambient lighting and enjoy the relaxed atmosphere.

You can turn on ambient lighting in the center display. In the case, the default ambient lighting effect for the current drive mode will be automatically applied. Ambient lighting can be turned on/off by the center display. Ambient lighting can be turned on/off by the center display and the ambient lighting is affected power. Driver can set the ambient lighting to be automatically turned on when the vehicle is unlocked. You can also set different ambient lighting modes, such as Breathing and **Dissolve**. Turn setting will be saved on the center display.

The ambient lighting turns the brightness level with the ear and the center display. When you drive is opened, the ambient lighting for the corresponding door will change to red.

Illuminated Door Sill Inlays

In order to provide a hospitality ride and exit. Once any door is opened, the door sill inlay of the corresponding door will light up. The door sill inlay will be automatically extinguished.

Vanity Mirror Lights

Vanity mirrors are provided for the rear seats on the front headliner. The vanity mirrors are automatically illuminated when opened.

Follow Me Home

The vehicle is equipped with the "Follow Me Home" feature. When you lock your vehicle and are ready to leave it at night, the headlights will remain on for a short time to illuminate your path to your home or destination.

Go to the Settings interface from the bottom of the center display, and tap **Lights > Exterior Lightning > Follow Me Home** to set the duration of the headlights.

Minimal Lights

When the vehicle is parked you can press the Settings interface from the control bar at the bottom of the center display, and tap **Lights > Interior Lighting > Minimal Lights** to enable the function. All exterior lighting, reading lights and ambient lighting will be automatically turned off when the vehicle is locked.

If Minimal Lights is manually turned off, the pre-lighting configuration will be restored.

If you manually adjust the exterior lights, ambient lighting or reading lights when Minimal Lights is active, the Minimal Lights will be automatically disabled.

Full Brightness

To enable the function accessed on the Settings interface via the control bar at the bottom of the center display, and tap **Lights > Interior Lighting > Full Brightness**. It turns on all interior lighting, including ambient lighting, reading lights, and the door sill inlays to full brightness.

If Full Brightness is manually turned off, the pre-lighting configuration will be restored.

If you manually adjusted the exterior lights, ambient lighting or reading lights when Full Brightness is active, the Full Brightness will be automatically disabled.

Soft Glow

To enable the function accessed on the Settings interface via the control bar at the bottom of the center display, and tap **Lights > Interior Lighting > Soft Glow**. It turns on all interior lighting, including ambient lighting, reading lights, and the door sill inlays to 50% brightness. It is ideal for a soft and relaxed lighting while enjoying light. Soft Glow keeps your passenger well-lit and cool.

If Soft Glow is manually turned off, the pre-lighting configuration will be restored.

If you manually adjusted the exterior lights, ambient lighting or reading lights when Soft Glow is active, the Soft Glow will be automatically disabled.

EPB indicator

Electronic Parking Brake. The front and rear position lights turn on.

Will be on when:

- Method 1: Turn on the Inserted reading Light. Lock the vehicle while keeping the Inserted reading Light turned on.
- Method 2: Enter Reading Gives the Interior of the center display, and tap **Lights > Contact > Lamp Mode** to enable the feature. Set the remote Remote time to 30s. Tap the **Reading > Reading > Reading Lights** to set to the interior lights. Lock the vehicle remotely. The front and rear position lights will be automatically turned on. The front and rear position lights will be automatically turned off.

Trunk Lightning

The trunk lighting will automatically turn off when closing the tailgate or after 10 minutes.

Linking Key Fob to Account

Your key fob can be linked to your account to be used to access the center display to load the corresponding settings. When the vehicle is unlocked with your key fob, the vehicle will automatically load the corresponding settings.

Driver can link fob an authorized user account to a input key fob by managing the key fob in the MR App. When an authorized user account is linked to a key fob, the key fob will be recognized by the vehicle and the vehicle will load the corresponding settings. The center display will automatically notify the linked key fob when the key fob is entering a secure accessibility. The center display will automatically notify the linked key fob when the key fob is entering a secure accessibility.

Note:

- Only the vehicle owner can modify the binding relationship between the key and the account. Other MR Connect users do not authorized before they can bind the linked key fob.
- Only the vehicle owner can authorize other MR Connect accounts. Authorizing between the authorized user and the key will be automatically removed authorization.
- Front mode is only applicable to smart key (stored in the vehicle driver's account). When the vehicle is unlocked and the key is bound to the authorized user account, the authorized user's preferences will be loaded automatically.

Switching Accounts

Not to an authorized user can install between user accounts on the center display to load the corresponding settings (for example, user sitting where **DCFcoding** etc).

Only one vehicle can be authorized to an user account. Driver can set a secure code for the linked key fob. Driver can set a secure code for the linked key fob.

1. When the vehicle is connected to the network, no force is currently an active available but you have logged in to your account, the vehicle automatically prompts you to switch to your account. If you choose to switch, the vehicle will automatically load the driver's preferences and settings associated with your account. If you choose not to switch, the vehicle will continue to use the current settings. If the vehicle is not connected to the network, the vehicle will automatically load the pre-set code for the MR App or a secure key fob (linked to your account) to your phone. You can also manually select your account on the vehicle's interface to load your preferences and settings.
2. To avoid accessing unauthorized through force recognition, you can set the secure code: Settings in **Settings > Account > Force-Recognition**. Set and enter two recognition codes to enable the feature. Only you unlock the vehicle with the key fob, the vehicle will prompt you to enter the secure code. The vehicle will only be unlocked after the correct code is entered. If the wrong code is entered, the vehicle will remain locked and prompt you to try again. Secure codes are stored in the vehicle's secure storage and are not accessible to other users.
3. Switch identity, the vehicle will automatically revoke the access to the current user.

Note:

- Fob can only switch accounts when the vehicle is in park (P).
- In Guest Mode, the vehicle will not save any personal settings (such as the driver's seat position).

Authorized Unlocking

If you want to share your vehicle to others, you can authorize users registered on the MR App to use your vehicle. Authorized users can unlock the vehicle using their own key fob.

Authorization by Owner

You can **Profile Menu > Account Settings** in the Settings interface of the MR App or in the upper left corner of the center display, and then enter the primary password of your vehicle to go to the authorization management interface.

Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account.

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Note:

- Only the primary account can add or delete authorized users.
- Authorized users can only unlock the vehicle using their own key fob, and cannot access other vehicle tools or functions.

Authorized Unlocking

Authorized users can unlock the vehicle using their own key fob, and cannot access other vehicle tools or functions.

Authorization by Owner

You can log **Profile Menu > Account Settings** in the Settings interface of the MR App or in the upper left corner of the center display, and then enter the primary password of your vehicle to go to the authorization management interface.

Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account. Authorized users can be added or deleted by the primary account.

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Note:

- Only the primary account can add or delete authorized users.
- Authorized users can only unlock the vehicle using their own key fob, and cannot access other vehicle tools or functions.

Authorized Unlocking

Authorized users can unlock the vehicle using their own key fob, and cannot access other vehicle tools or functions.

Guest Mode

If you want to lend the vehicle to others for a long time a short key fob, but not want other people to the center display and access to your personal information, you can enable the Guest Mode. In Guest Mode, the vehicle will not save any personal settings (such as the driver's seat position) and will not load the corresponding settings.

With the Guest Mode on, the vehicle will show the instruction exclusive to the Guest Mode after the vehicle was unlocked, and the vehicle will automatically lock after the Guest Mode is turned off. Guest Mode can be turned off by the primary account.

Enabling

1. The user only set Guest Mode when the vehicle is not being driven.
2. If a temporary fob is inserted into the vehicle's reader and your vehicle is in Guest Mode, the vehicle will automatically log out the vehicle's account and load the vehicle's default settings (such as the vehicle's range-limited fob).

Disabling

After the vehicle is completed, all Guest Mode data (including the driver's preferences and settings) will be deleted and the MR App.

Service Authorization

Not to an authorized user can install a service (support to MR) on the MR App. MR manages and authorizes service installations and updates to ensure the vehicle's safety and security. Only authorized service providers (such as Service Centers) authorized by MR can install or update.

After obtaining authorization, service providers can unlock the vehicle using an MR key (without a pre-bind user license) and perform installation or updates. The vehicle will automatically log out the service provider's account after the authorized installation is completed. Authorized service providers can only access the vehicle's diagnostic and maintenance functions. They cannot access personal data or other vehicle functions.

Enabling

After the service is completed, all Guest Mode data (including the driver's preferences and settings) will be deleted and the MR App.

Driver Seat Position Memory Adjustment

Use the buttons and switches located on the control unit at the bottom of the center display, and the **Position Adjustment > Seat Memory** menu in the Settings menu, to adjust and store the driver's seat position. Up to two different driver's seat positions can be stored. The driver's seat position can also be recalled automatically when the driver unlocks the vehicle with a paired key fob or the corresponding user's Android pairing. After adjusting the front passenger seat (not stored or backrest) or to backrest position, the driver's seat position can be recalled by pressing the corresponding memory button. After adjusting the front passenger seat (not stored or backrest) or to backrest position, the driver's seat position can be recalled by pressing the corresponding memory button.

After you are seated in the driver's seat and the driver's door needs to be closed, press the setting button of the corresponding position memory button (1 or 2) to start the adjustment. Adjust the seat to the desired position and then press the corresponding memory button (1 or 2) to store the position.

If the seat changes the settings again during use of the vehicle (such as the position of the driver's seat, **by the lever** before the adjustment of the seat, or the adjustment of the seat by the other user), the driver's seat position can be recalled by pressing the corresponding memory button (1 or 2) to return to the stored position.

Note

To prevent accidents, do not adjust your seat position while driving.

Caution

- Before unlocking the driver's seat memory, ensure that the vehicle is in **P** Park or with environment, the seat and steering wheel are clear of obstacles, and the seat seats are unoccupied. Please also lower the seat height, and adjustment the forward position to avoid damaging the facilities.
- While driving, do not operate any buttons in the memory interface to the center display to adjust the driver's seat, moving which to ensure safety and the needed of your safety.

Steering Wheel Position Memory Adjustment

You can set the steering wheel to the desired position and store it in the center display, and **Position Adjustment > Steering Wheel > Set Position Memory** in the Settings menu. Adjustment and recalling of the steering wheel position of the driver's seat can be set to be linked to the driver's seat position. The steering wheel position can also be recalled automatically when the driver unlocks the vehicle with a paired key fob or the corresponding user's Android pairing. The steering wheel position can also be recalled automatically when the driver's door is opened.

After you are seated in the driver's seat and the driver's door needs to be closed, press the button of the corresponding position memory button (1 or 2) to start the adjustment. Adjust the steering wheel to the desired position and then press the corresponding memory button (1 or 2) to store the position.

If the seat changes the settings again during use of the vehicle (such as the position of the driver's seat, **by the lever** before the adjustment of the seat, or the adjustment of the seat by the other user), the steering wheel position can be recalled by pressing the corresponding memory button (1 or 2) to return to the stored position.

Note

To prevent accidents, do not adjust the side mirrors while driving.

Caution

- Before unlocking the driver's seat memory, ensure that the vehicle is in **P** Park or with environment, the seat and steering wheel are clear of obstacles, and the seat seats are unoccupied. Please also lower the seat height, and adjustment the forward position to avoid damaging the facilities.
- While driving, do not operate any buttons in the memory interface to the center display to adjust the driver's seat, moving which to ensure safety and the needed of your safety.

Side Mirrors Position Memory Adjustment

Use the Settings menu from the control bar at the bottom of the center display, and **Position Adjustment > Side Mirrors > Set Position Memory** to store the current position of mirrors. After adjusting the position of the side mirrors, press the corresponding memory button (1 or 2) to store the current position of the side mirrors. The side mirrors can also be automatically moved to the stored position when the driver unlocks the vehicle with a paired key fob or the corresponding user's pairing.

After you are seated in the driver's seat and the driver's door needs to be closed, press the button of the corresponding position memory button (1 or 2) to start the adjustment. Adjust the side mirrors to the desired position and then press the corresponding memory button (1 or 2) to store the position.

If the seat changes the settings again during use of the vehicle (such as the position of the steering wheel), **by the lever** before the adjustment of the seat, or the adjustment of the seat by the other user), the side mirrors position can be recalled by pressing the corresponding memory button (1 or 2) to return to the stored position.

Note

To prevent accidents, do not adjust the side mirrors while driving.

Caution

- Before unlocking the driver's seat memory, ensure that the vehicle is in **P** Park or with environment, the seat and steering wheel are clear of obstacles, and the seat seats are unoccupied. Please also lower the seat height, and adjustment the forward position to avoid damaging the facilities.
- While driving, do not operate any buttons in the memory interface to the center display to adjust the driver's seat, moving which to ensure safety and the needed of your safety.

Front Passenger Seat Position Memory Adjustment

Before using the front passenger seat memory feature, you are required to put the vehicle in **P** park. Use the Settings menu from the control bar at the bottom of the center display, and **Position Adjustment > Front Passenger Seat > Set Position Memory** to store the current position of the front passenger seat (not including the backrest). After adjusting the position of the front passenger seat (not including the backrest), press the corresponding memory button (1 or 2) to store the current position of the front passenger seat. The front passenger seat position can also be automatically moved to the stored position when the unlocking the corresponding user's pairing.

After you are seated in the front passenger seat and the door needs to be closed, press the button of the corresponding position memory button (1 or 2) to start the adjustment. Adjust the front passenger seat to the desired position and then press the corresponding memory button (1 or 2) to store the position.

If the seat changes the front passenger seat position again during use of the vehicle, the front passenger seat position can be recalled by pressing the corresponding memory button (1 or 2) to return to the stored position.

Note

To prevent accidents, do not adjust the seat position while driving.

Caution

- Before unlocking the driver's seat memory, ensure that the vehicle is in **P** Park or with environment, the seat and steering wheel are clear of obstacles, and the seat seats are unoccupied. Please also lower the seat height, and adjustment the forward position to avoid damaging the facilities.
- While driving, do not operate any buttons in the memory interface to the center display to adjust the driver's seat, moving which to ensure safety and the needed of your safety.

Driver Seat Adjustment

Adjusting Seat Position with Buttons

You can adjust the position of the driver seat, which is a 14 way adjustable seat, with 4 way power lumbar support and a 2 way backrest.

1. Lumbar length
2. Push this button forward and backward to adjust the lumbar length by up to 40 mm.
3. Lumbar height
4. To move the seat up or down, push the switch in the corresponding direction.
5. Backrest inclination
6. Push this button forward and backward to move the seat backward and forward. The seat can be moved forward up to 190 mm and backward up to 40 mm.
7. Seat height
8. Push up and down in the middle of the button to increase or decrease the seat height.
9. Backrest inclination
10. Toggle this button forward or backward to adjust the backrest inclination. The backrest can be reclined up to 25 degrees and by 40 mm.
11. Seat length
12. To adjust the lumbar support, press the corresponding position on the switch.

Warning

- Make sure there is a safe space around the seat and any near children, passengers, pets, etc. Adjust you make any adjustments to the seat to ensure the seat forward/backward, raise the seat and height or backrest, etc.) Avoid the risk of injuries to children, passengers, pets, etc. when adjusting the seat.
- Before operating your seat forward and backward length, backrest, lay down or reclining, ensure that there is a safe space around the seat and any near children, passengers, pets, etc. Adjust the seat to the desired position and ensure safe and comfortable seating position. Ensure you have your seat belts correctly fastened and adjusted. Avoid the risk of injuries to children, passengers, pets, etc.
- Adjust the driver's seat position only when the vehicle is not moving. While the vehicle is in motion, adjustments to the seat or other parts of the vehicle can cause serious injuries.
- Do not place any objects in the area of the seat when adjusting the seat forward/backward, the seat height or backrest, etc.), and pulling back or other items, and in the worst case of serious injuries and pinching or crushing injuries.
- After seat position adjustment, please ensure the seat is locked.
- Ensure that children are under any adjustments to the seat, and keep a safe length of a child if being pinched.
- With Pure Electric, for safety, turn the vehicle off and remove the key fob from the seat area for children, passengers, pets, etc. to avoid accidental operation of the seat.
- Please avoid spilling liquids on the lumbar adjustment, heating, etc. switches. Performing an operation on the switch with wet hands may cause a short circuit or electric shock.
- It is recommended to turn off Pure Electric if children frequently occupy the back seat.
- Before starting your vehicle, please ensure that your seat position is adjusted to the recommended position with the recommended sitting posture and your protection in the Case Manual.

Controlling Seat Movement in the Center Display

You can control the movement of the driver seat from the center display.

The **Seat Position** menu in the center display, and **Position Adjustment > Driver Seat** in the settings menu, allows you to adjust the position of the driver seat, which is a 14 way adjustable seat, with 4 way power lumbar support and a 2 way backrest.

The center display provides five positions: Drive, Relax, Exit and two Memoram positions. Each position needs to be set individually.

To set the memorized positions

Use the buttons and switches located on the center display, and **Position Adjustment > Driver Seat** to set the position of the seat. When setting the position for the first time, adjust the seat position according to the sitting posture and comfort. Press and hold the Memoram 1 or Memoram 2 button for 2 seconds to store the current seat position. The seat position can also be automatically moved to the corresponding user account. To update a position, just press and hold it to store the seat position in the current position.

To adjust the seat position

To minimize personal risks and damage, you can adjust the seat as follows:

- Move the seat forward or backward to the appropriate position, and make sure that the accelerator pedal and the brake pedal can be easily pressed.
- Adjust the backrest to a comfortable and upright backrest position, and make sure that the back fits perfectly with the backrest and that the backrest angle is not too large.
- Adjust the seat to a suitable height where you hands are comfortably placed on the steering wheel.
- Adjust the steering wheel and make sure a distance of at least 25 cm between the steering wheel and your chest.
- Adjust the headrest, and make sure that the headrest center and the driver's eyes are on the same level.
- Place the middle part of the seat belt between the neck and shoulders. Tighten the lower part of the belt around the pelvis as much as possible.

Warning

While operating the vehicle, you should avoid the following actions that may cause safety risks:

- Do not use various types of upholstery or the seat or modify the upholstery by yourself in the seat or of cushions, pillows, or other items between the seat and the back of the seat, or between the seat and the back of the seat, causing the protection of occupants and increasing the risk of injury.
- Do not place any objects in the area of the seat when adjusting the seat, causing the seat adjustment process or in the event of collision, and casualties and disabilities.
- Do not bring other objects (such as clothes hangers) on seats or headrests. Otherwise, the risk of injury may be increased in the event of a collision, causing casualties and disabilities.
- Only use pieces you can do so non-poisonous while the vehicle is being driven. Please do not let an infant or a child sit on your lap or use a seat belt with an infant. Please do not hold an infant or a child on an airbag bag. Otherwise, the airbag will cause injury in the event of collision, causing casualties and disabilities, causing a risk of serious injuries.
- Do not sit through the front and side headrests. Otherwise, the headrests may be subjected to their severe length and pressure. In the event of an accident or emergency braking, there is an increased risk of head and neck injuries.
- Ensure that the backrest is completely upright when driving, serious injury may occur in the event of a collision or emergency braking, causing casualties and disabilities.
- Weight with limited post-perception that is thinner or age shall use the temporarily control system and Blind Spot Detection system to ensure safety and comfortable driving. Please do not rely on the system.
- Do not use any other pieces you personally could or Comfortable Driving Pillows, Pillows, etc. which could cause a serious crash in the recommended position for sitting posture and seat position driving of dogs. In the event of a collision or sudden emergency braking, there is a risk of serious injuries, causing casualties and disabilities.

Warning

The function shown in the following figure are not allowed, such as hitting a child with elbow or holding a child in the front passenger seat.

Rear Seat Adjustment

To adjust the rear seat position, select the corresponding position on the switch.

Correct Sitting for Rear Passengers

To minimize personal risks and damage, you can adjust the seat as follows:

- Adjust the headrest, and make sure that the headrest center and the passenger's eyes are on the same level.
- Put back the back of the seat.
- Place the middle part of the seat belt between the neck and shoulders, and tighten the lower part of the belt around the pelvis as much as possible.
- When sitting with children, sensible adult safety seats should be used to hold or keep them in the chairs, refer to the child safety seat section.

Rear Persons

Enter Settings from the bottom of the center display, tap **Position Adjustment > Front Passenger Seat > Rear Persons**, and then adjust the position of the rear seat. Up to two different rear seat positions can be stored.

Rear Persons Seat Position Memory can be linked to Driver Seat Memory, and **Rear Persons** and the front passenger seat will also return to the same level position by **Rear Front Passenger Seat**, and the front passenger seat will be restored to the original position.

Seat Headrest Adjustment

Front Headrest Adjustment

1. **Headrest Height Adjustment**
   To adjust the headrest height, press the light button under the headrest. The headrest is 8 way adjustable along a vertical line. Headrest can be moved up to a maximum of 50 mm and down by 5 mm, and the headrest will be forced down automatically.
   To remove the headrest, first lift the seat back completely forward, then raise the headrest to the highest position, and then press the button. Use a pen or similar tool to press the button in the same hole and pull down the headrest.
2. **Headrest Side Adjustment**
   Both sides of the headrest can be manually adjusted toward the middle.

Rear Headrest Adjustment

1. **Headrest Height Adjustment**
   To adjust the headrest height, press the light button under the headrest. The headrest is 8 way adjustable along a vertical line. When the headrest is at its highest, you will hear a "click", and the headrest will be forced down automatically.
2. **Headrest Side Adjustment**
   Both sides of the headrest can be manually adjusted toward the middle.

Warning

- To provide the best protection, make sure the headrest is set to an appropriate height according to the occupant's height.
- Do not use the headrest when it is at its lowest position. To use it, pull the headrest upward and lock it in a suitable position.
- Adjust the seat headrest, and make sure that the headrest center and the occupant's eyes are on the same level.
- When the headrest is removed, the seat back must be locked in place. Otherwise, sudden acceleration or deceleration, sudden emergency braking, may provide sufficient protection to the head, leading to serious consequences.

Seat Massage

Seat heat and seat ventilation can only be turned on when the vehicle is in Drive or Neutral. By default, the Comfort Pack is turned on, and the seat heating and ventilation will be turned on automatically when the vehicle starts. The default massage mode is level 1, level 2, level 3, level 4, level 5, or massage cycle mode (level 1 **Strong**).

- Mode 1 Cut Pat
- Mode 2: Rolling
- Mode 3: Massage
- Mode 4: Lumbar
- Mode 5: Upper Back
- Level 1: Weak
- Level 2: Strong

The seat heat and seat ventilation can be set individually. The seat heat and seat ventilation can be turned on and off, and the intensity of the seat heating and ventilation can be set individually.

The seat massage will automatically turn off if the massage mode is not switched within 20 minutes.

Note

- With Pure Electric, in the current level will be saved and the Instant will turn off when the passenger leaves the seat and the seat belt is fastened.
- If a sensor is sensed within 15 minutes after the passenger leaves, the Instant will remain the previously saved level. If no one is sensed within 15 minutes, the Instant will turn off.

Seat Heating

Heating is a relative level, but the high temperature and warm level of each level. Default Comfort Pack turns the Instant of the center display, and **Seat > Heating** is turn on heating for the corresponding seat and when the heating level. Seat heating and seat ventilation can be set individually. The seat heating and seat ventilation can be turned on and off individually.

Switch on the Seat Comfort page on the top bar display to access the ventilation for the rear seats.

Note

- With Pure Electric, in the current level will be saved and the Instant will turn off when the passenger leaves the seat and the seat belt is fastened.
- If a sensor is sensed within 15 minutes after the passenger leaves, the Instant will remain the previously saved level. If no one is sensed within 15 minutes, the Instant will turn off.

Seat Ventilation

Ventilation is available for both the front and rear seats. Under the Comfort page on the bottom of the center display, and **Seat > Ventilation** is turn on ventilation for the corresponding seat and when the ventilation level. Seat ventilation and seat heating are set individually.

Switch on the Seat Comfort page on the top bar display to access the ventilation for the rear seats.

Note

- With Pure Electric, in the current level will be saved and the Instant will turn off when the passenger leaves the seat and the seat belt is fastened.
- If a sensor is sensed within 15 minutes after the passenger leaves, the Instant will remain the previously saved level. If no one is sensed within 15 minutes, the Instant will turn off.

Rear-Seat Relaxation

Comfort information is available for the rear seats. Press the Comfort gauge from the bottom of the center display, and tap **Seat Relaxation** to select the desired relaxation mode (Mode 1, Mode 2, or Mode 3). Use the rear seats:

- Mode 1: upper back massage
- Mode 2: lower back massage
- Mode 3: combined massage from upper back to waist

Switch to the Seat Control page on the rear display to control the relaxation mode of the rear seats.

Zero-gravity rear seats have 10 remote and four main relaxation.

Note

- With the Autosar, the current level will be saved and the Autosar will turn off when the passenger leaves the seat and turn on when it returns.
- If someone is seated within 10 minutes after the passenger leaves, the Autosar will remain the previously saved level. If no one is seated within 10 minutes, the Autosar will stay off.

Front Storage Space

The vehicle comes with a variety of convenient storage areas.

Warning

Never place flammable and combustible objects or liquids with a high risk of splashing in the storage area. Always close the cover when placing objects in the storage area.

Front Bin Storage

A storage bin is located in front of the gear shift lever for storage on a charger. It is also equipped with a storage light to illuminate the storage area when the door is open, or when the cover is open.

Lift the cover to open the storage bin.

Card Holders

Push the cover flap to open and close the cover. Use it to store cards such as status cards or toll cards.

Cup Holders

Four cup holders for any holders in the center console.

Warning

- Do not put any hot beverages in an open container. A spill can increase the risk of injury.
- Do not place any liquids items or bags into cup holders. Spilled liquids can damage the system.

Center Console Storage Area

The upper storage area under the center console can be used for temporary storage of non-critical items. A 12V power outlet is provided for use with the upper bin passenger-only electronic devices.

Rear Storage Space

Rear Door Side Storage

The vehicle also provides rear storage space for the rear seats. A storage area is provided beside each door for beverages or snacks. It is also equipped with a storage light to illuminate the corresponding area in the dark or when the pendant lights are turned on.

Open and close the door to open and close the door.

Open and close the door to open and close the door.

Rear Door Center Armrest

Move the middle rear seat to rear armrest, pull down the center armrest armrest in the rear back to access the cup holders and storage space.

USB Type-C port in the storage area can be used to charge mobile devices.

The small armrest on the back of the center armrest is connected to the lilipad, and can be used to pick up and place long items such as fishing rods.

Warning

- Never place flammable and combustible objects or liquids with a high risk of splashing in the storage area. Always close the cover when placing objects in the storage area.
- Do not place any hot beverages, liquids or liquids objects in the storage area. In case of collision, sudden acceleration, or deceleration, these objects may fly out, colliding with the risk of injury.

Safety Storage Box

Storage Box Mode

The safety storage box is in the Storage Box Mode by default. In this mode, the safety storage box is not locked, and its Flip Cover can be opened by pulling the handle. Place small items such as a wallet and a mobile phone.

Safe Box Mode

Swipe right on the main page of the center display to enter the Quick Settings page, and tap **Safe Box**. When the Safe Box is in the Storage Box Mode, tap the Safe Box icon to switch to the Safe Box Mode. Pulling the handle will fail to open the cover (handle), and you need to set a password to lock and unlock the Safe Box.

Once set, you need to enter the password in the center display to unlock the safety storage box, then you can open the Flip Cover (handle) and place valuables in the safety storage box.

Mode Switch

To switch between the two modes of the safety storage box: enter the Storage page from the control bar at the bottom of the center display, and tap **Safe Box** > **Account Bar** to switch between Storage Box Mode and Safe Box Mode.

Storage Box Mode > Safe Box Mode

- Set a password
- Set a personal id
- Safe Box Mode > Storage Box Mode
- Enter prompt
- Safe Box Mode page disappears (main page)

Trunk

You can store your objects and luggage in the trunk.

Warning

When opening liquids in the vehicle, ensure that the container is sealed. Spills in hydrogen may damage the vehicle. If a spill of hydrogen occurs, please where the liquid is stored as possible.

12V Front Power Socket

A 12V power socket is located on the left side of the trunk and can supply power to accessories as necessary.

Roof Rack

[1]?? supports a roof-mounted rack with a maximum load bearing capacity of ??kg (including the roof rack and its load).

Warning

- Please install and use the roof rack strictly according to the roof rack manual.
- Make the roof rack and its load secured the roof, there may be serious vehicle damage or personal injury.
- The load should be evenly distributed on the roof rack, and the load should be secured.
- Check the roof rack and load regularly to make sure that they are properly secured, otherwise, there may be serious vehicle damage or personal injury.
- Make the roof rack and its load horizontal, please avoid violent acceleration, sharp braking, or sharp turning to prevent damage to the vehicle.
- The center of gravity of the vehicle will change when the roof is loaded. Therefore, the driving speed shall not exceed the speed specified in the roof rack manual or 150 km/h (whichever is smaller).

Steering Wheel Adjustment

To make the steering wheel adjustment, Quick Settings from the bottom of the center display, tap **Position Adjustment** > **Steering Wheel Adjustment**, and then adjust the steering wheel position according to the following prompts. Tap the Confirmation button to complete the adjustment, or tap the Cancel button to return to the initial state. Tap the Reset button to restore the default settings.

Adjust the steering wheel position with the tight button on the steering wheel:

Use the Up button to move the steering wheel up

Use the Down button to move the steering wheel down

Use the Left button to move the steering wheel away from the driver

Use the Right button to move the steering wheel closer to the driver

Press to move to the next position

Press confirm button to complete(save)

Note

When the pop-up window is automatically closed by the driver or passively closed due to factors such as conflicts, the right steering wheel position will not be saved. The steering wheel position will remain unchanged. Adjustment operations will need to be restarted, and the steering wheel position will be saved.

Warning

- Do not adjust the steering wheel position while driving. Doing so may result in an accident.
- An improper steering wheel position or seating position may result in injury. Make sure your chest is at least 25 centimeters from the steering wheel.

Right Buttons on the Steering Wheel

Steering Wheel Adjustment

Enter Settings from the bottom of the center display and **Tap Position Adjustment > Steering Wheel Adjustment > Start** to adjust the position of the left button on the steering wheel. See **Steering Wheel Adjustment**.

Right Side Mirror Adjustment

Enter Settings from the bottom of the center display and **Tap Position Adjustment > Side Mirror Adjustment > Start** to adjust the position of the right button on the steering wheel. See **Side Mirror Adjustment**.

Volume Adjustment

In standard mode and in driving pitch mode, rotating the **Volume** button on the right side of the Steel Drive button to adjust the volume, and press and hold the Drive button to mute.

In the Drive Assistance mode, when the Drive button is pressed, there will be an response when you pressing and holding the Cancel button. Pressing and holding the Drive button to mute.

When muted, press the Cp button to unmute.

Triggering Custom Feature

Once activated the right Shifter button on the steering wheel to trigger your custom feature, which is default to NONE and can be set to any available function in the system.

Road Sign Control Driving Tasks

When an incoming call reminder is displayed, you can press the left button to turn on the speaker to answer the call, and press the middle button to reject.

Menu Change

Press the Menu button (Menu) to pressing and hold the left or right button, and press the left and right buttons in the Change Mode to change the type of menu.

If you press the middle button in the set system the left and right buttons for 3 second, the system menu will be displayed, and the system menu will be displayed. Wait for 3 second.

Customize Driving the Menu

When the instrument panel displays the Menu/Third Party Software/Extended Range, Range, and Consumption menu, you can use the left button and right button on the right side of the steering wheel to adjust the order of menu/third party software/extended range/range/consumption.

When the Media/Third Party Software menu displays, press the left button to play the previous song, press the right button to play the next song, and press the middle button to pause/play.

When the Media/Third Party Software menu displays, press the left button to pause, press the right button to pause/play the next song, and press the middle button to pause/play.

When the instrument panel displays the Trans Trip menu, press the middle button to unsynchronize.

Left Buttons on the Steering Wheel

Left Side Mirror Adjustment

Enter Settings from the bottom of the center display and **Position Adjustment > Side Mirror Adjustment > Start** to adjust the position of the left button on the steering wheel. See **Side Mirror Adjustment**.

Driver Assist Adjustment

Middle button, Driver Assistant Driver Assist

Up button, Driver Assistant Up

Down button, Driver Assistant Down

Right button, Increase the following distance

Left button, Reduce the following distance

Press the Up or Down button to change the vehicle speed by +1 ?km/h, press and hold the Up or Down button to continuously change the vehicle speed by +5 ?km/h.

Press the Left or Right button to change the following distance by +1. Level, the minimum following distance is Level 1 and the maximum following distance is Level 5.

Steering Wheel Heating

There are two steering wheel heating modes: quick heating and comfortable heating mode. To turn on, you can tap Heating icon on the control bar at the bottom of the center display and tap **Seats > Heating > Steering Wheel Heating**. The steering wheel will gradually warm up to a comfortable temperature within 10 minutes, and then stop at the temperature.

Steering Wheel Dual Button Restart

If the Control of the steering wheel is weak, unresponsive, or otherwise abnormal, restart the vehicle system to solve the problem.

Operation of Dual-Button Restart:

1. Turn on forward warning lights.
2. Park the vehicle in a safe area and shift to PARK.
3. Press and hold the left Right key and the right Down key to the steering wheel simultaneously for about 8 seconds.
4. Wait for about 30 seconds, 20 seconds will light up again and the system will resume operation.

Conditions for Dual-Button Restart:

- The vehicle needs to be PARK or use Dual-Button Restart. Please ensure that the vehicle is parked in a safe area.
- It is strictly forbidden to perform Dual-Button Restart while the vehicle is moving.
- Keep the forward warning light on while the vehicle is in the system restart process.
- Do not perform Dual-Button Restart when the vehicle software is being upgraded.
- During the restart process, the vehicle enters display, safety lighting, automatic turn signal, map interface, and other functions will be restarted.
- If the system fails to restart, manual operation after Dual-Button Restart: you can try to lock the vehicle and open the vehicle to sleep. If the problem persists, please contact NIO.

USB Port

12V Power Outlets

There are one 12V power socket available inside the vehicle.

Positions

- Behind the center console storage area
- On the left side of the lilipad

Side Mirror Adjustment

Swipe down from the top of the center display, tap **Position Adjustment > Side Mirror Adjustment > Start**, select the mirror to be adjusted, and then adjust the mirror according to the following prompts. Tap the Confirmation button on the left side of the home page or the center display to enter the Quick Settings page, and tap **Side Mirror Adjustment > Start**.

Tap the Confirmation button to complete the adjustment and return to the initial state, and the right button on the steering wheel can be used to adjust the mirror position.

Adjustment method

Use Up and Down buttons to flip left mirrors up and down.

Use Left and Right buttons to flip and adjust the left and right.

Press Up to flip the mirror position, and press Down to flip downwards.

Warning

Do not adjust the side mirrors while driving. Doing so may result in an accident.

Side Mirror Folding

To set up the mirror and Side Mirror, Enter Settings from the bottom of the center display, and tap **Driving > Auto Fold On Lock**.

When the vehicle is locked from the outside, the side mirrors will fold automatically. The next time the driver is seated on the driver's seat, the driver's seat door closed and the brake pedal pressed, the side mirrors will unfold automatically.

If the vehicle is moving through a narrow space or a tight space from about 40 km/h, you can manually fold the side mirrors by pressing the **Side Mirror Folding** in the Settings page, and the side mirrors will automatically unfold when the vehicle speed exceeds 40 km/h.

In order to use the auto shady when reversing, you can turn on the **Auto Tilt In Reverse** feature.

Side Mirror Heating

The side mirrors are equipped with a heating feature to quickly clear rain or snow on them.

You can enter Settings from the bottom of the center display, and tap **Driving > Side Mirror Heating** to manually turn on the side mirror heating feature.

The side mirror heating automatically turns off after 90 minutes. You can also manually turn it off from the center display.

Side Mirror Auto Heating

Enter Settings from the bottom of the center display and tap **Driving** to enable side mirror auto heating. When front wipers are turned on in rainy days, side mirrors are heating will be enabled automatically to help remove the rain water.

Rear/view Mirror and Side Mirror Auto-Dimming

Enter Settings from the bottom of the center display, and tap **Driving > Rear/view Mirror and Side Mirror Auto-Dimming** to automatically adjust the rear/view mirror and side mirror brightness.

The system's sensor and side sensor auto-dimming feature can reduce the glare of headlights from vehicle behind you.

Note

The auto dimming feature is not available when your vehicle is in Reverse gear or the front reading lights are turned on.

Front Climate Control

Climate Control Bar

Quick Settings for temperature and air distribution inside the vehicle from the climate control bar at the bottom of the center display.

1. Settings
   Tap to return to the home page.
2. Settings
   Tap to enter Settings.
3. Air conditioner
   Tap to the switch air conditioner. Tap to turn off Intelligent Precondition Mode. Auto Ventilation Mode. Tap to turn off Auto Ventilation Mode.
   Auto Ventilation Mode
   Auto Ventilation Mode is a feature that automatically turns on the vehicle automatically activates from Auto to Manual Recirculation Mode to ensure optimal cabin air quality.
4. Air circulation
   Displays the target temperature in the driver's side. Tap to enter the climate control panel.
   Swipe left or right to adjust the driver side temperature between 15 ?C degrees Celsius.
   Tap the arrow to adjust the temperature in 0.5 degrees adjustments.
   Tap Sync to apply the driver side environment settings to the front passenger and rear seats. To stop temperature sync, please adjust the front passenger temperature and the passenger's seat to the desired settings.
5. Climate and fan speed indicator
   Displays the climate and fan speed. Tap to expand or collapse the climate control panel.
   Press and drag or adjust the front fan speed between 0 and 8 (Level 0 is the minimum and Level 8 is the maximum).
6. Passenger side temperature
   Displays the target temperature on the passenger side. Tap to access the climate control panel.
   Swipe left or right to adjust the passenger side temperature between 15 ?C degrees Celsius.
   Tap the arrow to adjust the temperature in 0.5 degrees adjustments.
7. Front windshield defrosting/fogging
   Tap the front windshield defrosting/fogging button to turn on. The Heated Mirror (HC) will be turned on automatically. The defrosting/fogging function will be automatically turned on when the front windshield fogs up within 15 minutes.
   Tap the defrosting/fogging button of the front windshield function (logged 2) is recommended to turn on the wipers and ACTIVE Mode of climate control. When the wipers are in the front windshield function (logged 2) are recommended to turn on the front windshield defrosting/fogging function. The front windshield defrosting/fogging function will be automatically turned off when the front windshield defrosting/fogging.
   The front windshield defrosting/fogging function is turned on, the **Heated Mirror and Side Defogging**. The front windshield defrosting/fogging function will be automatically turned on when the front windshield fogs up within 15 minutes.
8. Sign center
   Sign in the center display.
9. Vehicle Adjustment
   The vehicle center is the vehicle's ?? PIN. Tap the icon and slide left and right to adjust the vehicle.
   The vehicle center is the vehicle's ?? PIN. Tap the icon and slide left and right to adjust the vehicle.

Front Climate Control Panel

To adjust the front seat temperature, tap the temperature or climate control icon in the climate bar to access the climate control panel.

Turning the Front Climate control on and off

Tap the power button to turn the Front climate control on.

Tap a second time to turn the front climate control off. The front climate control will close by the turned off.

1. Manual Mode (AC)
   Tap the Manual Mode (AC) in the menu, you can manually adjust the fan speed and temperature for cooling.

If you turn it off, the vehicle switches to Fresh Air Mode.

Max Cooling Mode

Tap to turn on the max setting for cooling. If Biweal Mode (AC) is also on, the vehicle will automatically switch to Biweal Max Cooling Mode, prioritizing the cooling function. Tap again to turn off Max Cooling.

Tap a second time to turn Max Cooling Mode off and return the air conditioning to the previous setting.

Max Heating Mode

Tap to turn on the max setting for heating. If Biweal Mode (AC) is also on, the vehicle will automatically switch to Biweal Max Heating Mode, prioritizing the heating function. Tap again to turn off Max Heating.

Tap a second time to turn Max Heating Mode off and return the air conditioning to the previous settings.

Front windshield heating/defogger

When the front windshield defrosting/defogging function is turned on, the Biweal Mode (AC) will be turned on automatically, and the air conditioner will switch to Fresh Air Mode, and the air conditioner will be switched to Low Continuous Mode.

When the outside of the front windshield becomes fogged, it is recommended to turn on the wipers and ACTIVE Mode simultaneously. Turning on ACTIVE Mode will automatically activate the front windshield heating function, and the air conditioning system will automatically switch to the ACTIVE Mode of remote control and enter the Low Continuous Mode.

You can also Settings from the Settings of the center display, tap **Vehicle Control > Auto Defogging**, and set the function to **On**. The front windshield defogging function will automatically turn on when the ambient fogs up.

Rear windshield heating

Tap to turn up the rear windshield. This feature automatically turns off after 15 minutes.

Air Vent Mode

Tap to open the air vent outlet. The current vent mode will flash for one second, then the fan will stop.

Note: The angle of the two vent air vents can be adjusted manually.

Reminder: The angle of the two driver air vents are symmetrical.

Except: The air vents swing up and down, left and right.

Tap the "+" or "-" icon to adjust the fan speed. The fan level ranges from a minimum of 1 to a maximum of 7.

ACTIVE

Tap to turn on ACTIVE Mode. This automatically adjusts the temperature, fan speed, air distribution and air circulation based on the sun and ambient conditions for temperature control.

Tap a second time to turn off ACTIVE Mode. The air conditioning returns will resume unchanged.

Air distribution

Users can choose from seven air distribution modes. Set as Windshield, Set as Foot, Set as Face, Set as Face and Foot, Set as Windshield and Foot, Set as Windshield and Face, Set as Windshield, Face and Foot.

Icon	Air distribution
	Set as windshield
	Set as windshield and Foot
	Set as Face
	Set as Face and Foot
	Set as Foot
	Set as Foot and Windshield
	Set as Face and Windshield
	Set as Face and Windshield and Foot

Front Air Vent Adjustment

The front air vent can be adjusted in the windshield, and both in and underneath the instrument panel.

1. Front windshield vent
2. Front driver vent
3. Front passenger vent

Front air vents in the instrument panel can be adjusted as follows:

Press the air vent area on the center display, and slide up and down to adjust the vertical angle, and slide left and right to control the horizontal angle.

Set the horizontal and vertical angles up and up on the center display to close the corresponding air vent. Set at least one vent open to ensure ventilation.

Tips for Using the Air Conditioning

- Keep the public clean of any obstructions (e.g. leaves, snow).
- If the vehicle is parked overnight in the weather conditions, turn the air conditioning on and open the windows to remove the accumulated heat.

Rear Rear Air Conditioning Control

Rear Rear Air Conditioning Center Display Control Panel

The vehicle includes a center display control panel for the rear air conditioning, allowing rear passengers to easily adjust the temperature and fan speed.

1. Air Conditioning Main Switch

It turns on or off the front and rear air conditioning.

2. Rear Sensitive

Tap this button to turn on or off the rear air conditioning.

3. Rear Temperature Display

Clearly. Tap on the rear air vent. Press the rear air vent, the fan will automatically stop.

Note: The rear air vent angle can be adjusted separately.

Except: The rear air vent angle is not as strong as up and down, left and right.

4. Rear Temperature Display

Displays the target temperature of the rear seats, and up to ranks the temperature (Low/Medium/High).

Hold and slide the temperature value left and right to adjust temperature. The temperature adjustment range is from 16°C to 32°C (60°F-90°F).

5. Fan Blowing Mode

Provides heating or cooling to the rear of the rear passengers.

6. Automatic Mode (AUTO)

Tap this button to turn on the automatic air conditioning mode (in the rear area). In the mode, the temperature, fan speed, and air distribution are automatically adjusted based on the ambient temperature.

The Rear Sensitive power is off the automatic air conditioning mode, and rear vents will continue to the manual mode, and the rear air vent will not be affected.

7. Front Blowing Mode

Provides heating or cooling to the face of the rear passengers.

8. Air volume of rear vent air conditioning

The front and rear panels for the rear vent can be controlled with the "+" and "-" icons. This vehicle is available with 8 levels of air volume.

Rear passengers can use the rear control display to control the rear air conditioning.

Rear Rear Air Conditioning Vents and Their Adjustment

The rear vent air conditioning vents are located at the bottom of the rear control display and the front passenger and driver's seats.

1. Rear left rear blowing air vents
2. Rear rear left blowing air vents

To adjust the rear vent, you can, as follows:

Press and hold the rear vent on the center display, or the rear control display, and then slide up or down to control the vertical angle, and slide left and right to control the horizontal angle.

In the body mode, slightly stick out or vent on the camera to close the corresponding air vent. Between at least one vent open to ensure ventilation.

Air Purification

PM2.5 Air Purification

Turn the automatic quality in your vehicle at the upper right corner of the center display, and tap to switch to the corresponding air purification mode.

- **OFF**: Turn off air purification.
- **AUTO**: Automatic air purification will open automatically according to the concentration of PM2.5 in the vehicle environment.
- **ON**: Turn on the air purification.

Negative Ion Generator

Negative Ion Generator is located in the bottom of the center display, and pull **Continuously Generate** to turn on the Negative Ion Generator and tap to turn off the Negative Ion Generator. Negative Ion Generator can be switched in the cabin.

Continuous Deodorization of Air Conditioning

If you are experiencing a lingering or persistent odor in your vehicle, consider using the air conditioning system to continuously circulate and deodorize the air inside the vehicle. This feature helps to remove stubborn odors and ensure a fresh cabin environment. The system will actively filter and circulate the air to maintain a pleasant atmosphere, even after the initial odor has been addressed. Regular use can help prevent the accumulation of odors and maintain a consistently fresh cabin environment.

You can enter one of the two lining levels. **Standard** for the vehicle for about 5 minutes continuously and **Strong** for the vehicle for about 20 minutes continuously.

This function increases energy consumption in certain circumstances, so make sure that you plan your trip properly and ensure sufficient battery or fuel levels.

Remaining Life of Air Conditioning Filter Element

After replacing the filter element, go to the Settings page in the center bar at the bottom of the center display and select **Vehicle Maintenance > Air Conditioning Filter Maintenance** to reset the remaining life of the filter element to 100%.

Note:

The reminder is the estimated service life, and the actual service life may vary due to the environment and other factors. Please replace the filter if necessary.

Music

You can go to the Media interface from the main interface of the center display to select the programs for listening to music:

- Select "Digital" or discovery and listen to your favorite music. You can also use a tv-hub to library of your purchased music or albums.
- Insert a USB flash drive into the USB port or a your vehicle to play the music in USB flash drive.
- Connect your mobile phone to your vehicle's connection port, select Bluetooth, and you can "Bluetooth Media" to play the music in the mobile device.

You can go to the Settings interface from the center bar at the bottom of the center display, and tap **Sound** to set the sound effect, balance, and volume. The system will automatically adjust the volume according to the ambient noise in the vehicle. When a child is sleeping, it is best not to set the main volume too high.

Safety Sound provides a hard-wired Audiopack audio experience with the optimal music listening configuration for the vehicle's interior space. Audiopack is a high-fidelity audio system that provides a rich, immersive sound experience. It uses advanced technology to deliver clear, powerful sound with a wide range of frequencies, ensuring that listeners can enjoy their music with the utmost clarity and detail. The system is designed to provide a theater-quality experience in the comfort of your vehicle. Audiopack supports various audio formats and is compatible with popular streaming services and digital music libraries.

Navigation

You can select your navigation mode in the navigation interface from the main page of the center display. If you have purchased the navigation function, you can select your mobile app, the selected navigation mode will be displayed automatically when you enter the navigation interface.

Tap **Map** to start navigation options, such as route preferences, navigation voice broadcast, and map display mode.

Photos

Photographing

YOU can capture your selfies from the car camera viewer. The center display's **Photos** application is where videos or photos taken by the vehicle camera are stored.

Photos

You can open **Photos** in the application center on the center display and see all the photos in it. You can select the ones to be deleted, or tap the icon in the upper right corner of photos. AirDrop(iOS Vehicle Bluetooth Connection)Share Photos to Mobile Phone and more.

Phone

When your mobile phone (Bluetooth is successfully paired with your vehicle's Bluetooth, the on-board Bluetooth phone function will be automatically synchronized with your mobile phone's contacts, call history, and other Bluetooth phone functions. You can use the Phone interface on the main interface, or tap the application icon on the center display.

When your contacts and recent calls in your mobile phone are synchronized to your vehicle, you can choose a specific contact to initiate a call, or you can select a recent call to initiate a call. Your mobile Bluetooth phone audio and hands-free audio routing is seamless.

You can however, your music calls, or switch to other Bluetooth phone devices in their your music calls in the driving interface.

Connecting to Mobile Devices

You can connect the vehicle to a mobile device by a phone cable(iOS Vehicle Bluetooth or Bluetooth, and your your mobile device will automatically connect to the vehicle. If the vehicle has not been connected to a mobile device, the vehicle will automatically connect to your vehicle. Ensure that your vehicle's Bluetooth is turned on. You don't need to select the connection.

Connect your mobile device to the vehicle's Bluetooth, and you can use the vehicle's Bluetooth to make calls, listen to music, and use other Bluetooth functions. The vehicle's Bluetooth can only connect to one mobile device at a time. If you want to connect to another device, you must first disconnect the current Bluetooth connection.

Bluetooth, you can connect a mobile device via Bluetooth or Bluetooth with one tap by pairing it in the wireless charging tray. Ensure your mobile device supports wireless charging and is compatible with the vehicle's charging system.

1. Place the mobile device in the wireless charging tray.

2. Select the mobile device in the Bluetooth settings, and **connect** to pairs the Bluetooth or Bluetooth pairs, and choose **Connect** to complete the connection.

Note:

Do not remove your phone from the charging pad when it is connected to the vehicle via Bluetooth or Bluetooth.

Wireless Charging

You can place your various charging equipment in the wireless charging based area to the cup holder on the central armrest to charge your mobile phone.

The wireless charging function is automatically turned. You can enter the Settings page from the central bar at the bottom of the center display, and tap **Vehicle Settings > Wireless Charging** to turn on or close the function of the wireless charging function in the infotainment bar. The center display displays the current charging status.

Note: Ensure your mobile device supports wireless charging and is compatible with the vehicle's charging based, wireless charging will be temporarily stopped.

Wireless charging will stop in the following situations, and the center display will prompt the relevant status:

- The charging is complete
- Errors in the charging process, including vehicle power supply over voltage or under voltage.

NOMI Smart Assistant

The vehicle smart assistant NOMI is almost ready the vehicle center remote. You and your passengers can easily control different functions by simply talking to NOMI, your thoughtful helper during the journey.

Hey, you've arrived! Hey, my NOMI will greet you warmly. Whenever you need NOMI, just the wake up words "Hi, Nomi" and NOMI will be ready to assist. NOMI can understand and respond to a wide range of commands and questions, so you can ask complex tasks. When the conversation ends or the designated response has been completed, NOMI will automatically return to standby mode, ensuring a seamless and efficient interaction experience.

NOMI has options against the different features that are by saying "Control your feedback". NOMI will record your feedback for up-to-date accounts and tailor to your positive experiences, implies with necessary information, including your preferences and frequently used features, to provide a more personalized and efficient experience.

Here is some examples of NOMI commands Nomi, including but not limited to the functions:

Topic	Voice command example
Frame	"Change control set"
	"Turn off the fan"
	"Open sunset set"
	"Turn on air freshing"
Lights	"Change Ambient light to green"
	"Turn on reading light"
	"Turn off all lights"
Comfort	"Hold the sensor"
	"Create seat heating"
	"Open the sunroof to 50%"
	"Open the sunroof"
	"Set temp. set 1"
	"Turn on parking sensor"
Media	"Play music"
	"Play Nomi"
	"Play 'Whistling Spirit' on Tidal"
	"Next song"
	"Repeat"
	"Pause"
	"Play radio"
	"Increase volume"
Navigation	"Navigate home"
	"Go to Ambient"
	"Nomi me to a hotpot"
	"Find me a coffee shop"
	"Navigate home"
	"Find a charging station"
	"Cancel current navigation"
	"Map navigation"
Phone	"Contact list, call"
	"Number list, call"
	"Call Contact name"
	"Call number"
	"Call Nomi"
Other	"Nomi reset"
	"Make yourself"
	"Contact"
	"Turn to Bluetooth"
	"Nomi customer"
	"Increase the current system brightness"
	"Reduce the current volume"

Warning

- Nomi and the NOMI not to have to come into contact with liquids, such as alkaline solutions, dust, dirt, magnetic substances.
- Do not disassemble or repair NOMI and not to have by yourself.
- Do not use extended force to push, pull, or twist NOMI. Avoid using external force to hinder the movement of NOMI.
- Do not attempt to remove NOMI and not to have by yourself.
- Do not attempt to use hairpins or any NOMI to avoid damaging it. Identify avoiding personal injury in the event of an accident.

Comfort Features

When the vehicle is in PARK (without being locked from the outside) the driver's seat is automatically incapacitated, so you can safely leave your children in the vehicle while you go about your business. The driver's seat will be locked in the position. To continue using a comfort feature, open your door, press the brake pedal, or set the driver's seat to the position you want.

Comfort features mainly include:

- Driver Automatic seat adjustment
- Heating Wheel Adjustment
- Windows Charging
- Front AC Control
- Rear Seat heating and ventilation
- Heating Wheel Heating
- Rhythm Control
- Reading lights and ambient lighting
- Entertainment and navigation
- NOMI

Intelligent Fragrance System

Your vehicle is equipped with an intelligent Fragrance system. You and your family can choose your favorite fragrance, and the system will automatically release the fragrance according to your preferences.

It provides an extra sensory experience. You can always your favorite fragrance and enjoy a pleasant atmosphere in your vehicle. The system is designed to be easy to use, with the ability to adjust the fragrance intensity to your preferences.

Here to remark and change the fragrance: Cold

1. Open the cup of the fragrance and install the fragrance, and ensure that the fan in the fragrance mechanism drives the open storage area of the center console, and gently press the bottom of the leaf upward to ensure the fragrance is properly installed.

Caution

Do not touch the fragrance cleaning cloth removing it.

2. The fragrance leaf will be removed by the tangent to the fragrance mechanism once it is inserted into the hole.
3. The center display will prompt that the fragrance cartridge has been installed successfully and display information about the fragrance inserted into the corresponding hole.
4. Open the center display, and tap the fragrance icon, and the fragrance cup will rotate fragrance, and slowly rotates the fragrance cup to the fragrance mechanism.

Note: Ensure the fragrance mechanism is installed correctly and the fragrance cup will rotate fragrance, and slowly rotates the fragrance cup to the fragrance mechanism.

Warning

- Keep the fragrance cartridge out of the reach of children to prevent them from swallowing it accidentally, as this may be dangerous or cause harm.
- Do not allow your child to play with the fragrance cartridge. Children playing or may result in injury.
- To ensure your safety, do not insert or replace the fragrance cartridge while driving.
- If you or any passenger feels discomfort, shutdown the fragrance system immediately.

Note

- Please check the expiration date before replacing the fragrance cartridge. The fragrance has a shelf life of one year if the bottle remains unopened. After the bottle is opened, the fragrance can last twenty months. Stop using the fragrance if it exceeds the expiration date.
- Under fragrance e.g. Wind Force is substituting effect. Please not to only when needed.
- When replacing the fragrance cartridge, keep your hands clean to ensure the fragrance system can function normally and avoid any issues.
- Ensure a good seal to prevent fragrance from leaking and causing issues, which may cause discomfort. Avoid exposing the bottle to sunlight, maintaining temperatures between above and the fragrance system.
- Do not place the fragrance cartridge in the center console or cup holder. Ensure that the remote fragrance sensor in the fragrance cartridge and keep it from any obstructions.

Note

- The expiration with the fragrance system may vary depending on the usher temperature, but speed, and it's recommended to use it within the specified timeline.
- Only purchase genuine customer fragrance sticks and avoid damaging the fragrance cartridge to ensure its quality.
- If the fragrance cartridge cannot be installed after it is inserted, please try again.

Tide

Tide is a physical and psychological health app that helps you relax, meditate, sleep, and focus. Inspired by twenty years of research, it uses sound, breathing, and guided exercises to reduce stress and improve your well-being. The app offers personalized sessions that feel natural and easy to follow. Whether you're at home, at work, or on the road, it's a simple tool to help you stay calm and focused throughout your day.

Tide offers three modes, namely Stay, Meditation, and Breathing.

Stay Mode

You and your family can fall asleep in the sound of nature in the vehicle. Tide and Stay is a soft alarm to enhance your sleep experience.

Tide is a sound enhancement system that applies psychoacoustic techniques. **Stay** Stay gives you a sound scenario and alarm that fit the stage you're in and monitored for the specific scenario.

- Tap Stay to enter the sound scenario selection page, and tap on an option. You can also choose to continue or end the current session.
- Tap to Change. If the vehicle is in the IN-Stay progress, you can set a battery level within the charging limit to wake up. Long-press the icon to set a battery level.

Note

- When storage are provided, including volumes and timed playback of sleep and sounds, allows clients and sound scenarios to be customized and saved for future use.
- Tide and Stay will automatically stop.

After the vehicle enters the Stay Mode, the vehicle lighting will be turned off, with ambient and dome sound and lighting effects. The system will play the selected sound scenario, and the sound will gradually decrease in volume and automatically turn off. If you are in a charging mode, the system will wake up at a predetermined time and gently increase the volume to ensure a comfortable and natural wake-up experience. The system will continue playing throughout the day. After the vehicle will remind the settings before the app.

Caution

- Ensure the vehicle in Stay Mode, make sure the vehicle is NOT parked in the power-saving mode.
- Ensure the vehicle is connected to the Internet to access the Stay Mode functions.
- Crash with the vehicle's Bluetooth connection may cause interruptions during the app.
- When the Stay mode are opening backlayed at the beginning of the app, pay attention to the space for incorporation in the vehicle.

Note

- Stay Mode is a sound enhancement system that applies psychoacoustic techniques to create a more immersive experience. The effectiveness may vary depending on individual preferences and environmental factors.

- The vehicle's front wheels are turned to the left or right, and the vehicle is moving forward at a speed of 10 km/h or more.
- The vehicle's front wheels are turned to the left or right, and the vehicle is moving forward at a speed of 10 km/h or more.
- The vehicle will automatically exit the Tire Pressure Monitoring System mode.

Malfunction Mode

The Malfunction Mode provides an alternative representation to give your front hands, or front and rear wheels and your surroundings and enhance your physical and mental relaxation.

- The vehicle's front wheels are turned to the left or right, and the vehicle is in **Malfunction** stage where natural scenarios and sound cushions the sensations and feels and interacts for the specific system.

After the vehicle enters the Malfunction Mode, the vehicle lighting will be turned off with comfort and sound-absorbed and soft lighting. The vehicle will automatically exit the Malfunction Mode when the vehicle's front wheels are turned to the left or right, the vehicle's front wheels are turned to the left or right, or the vehicle's speed exceeds 10 km/h.

Caution

- Please verify that the vehicle is in the park gear and not in the power stop mode.
- Please close all doors and the tailgate before starting the mode to ensure safety.
- If the vehicle is not in charging power, it is necessary to ensure that the vehicle's range is not less than 30 kilometers.
- The vehicle will automatically exit the Malfunction Mode when the vehicle's front wheels are turned to the left or right, or the vehicle's speed exceeds 10 km/h.

Recording Mode

The Recording Mode helps you learn how to breathe properly, calm yourself down, and relieve stress.

Activate an intelligent sound system and enjoy the Recording Mode. The Recording Mode provides a soothing environment for your ears and helps you relax and focus on your breathing.

Caution

- Please verify that the vehicle is in the park gear and not in the power stop mode.
- Please close all doors and the tailgate before starting the mode to ensure safety.
- If the vehicle is not in charging power, it is necessary to ensure that the vehicle's range is not less than 30 kilometers.
- The vehicle will automatically exit the sound mode in certain situations, such as if it is in a rear-end gear, low-voltage battery, vehicle lighting and application, and other scenarios. You can also manually exit the sound mode.

Quick Access

Press and **hold** the **Home** button in the application launcher to the quick overlay page for customized functions, such as adjusting the vehicle's height, automatically activating the seat ventilation system, and accessing the recommended charger, hence manual.

Quick access functions include vehicle lights, seats, windows, radio, climate, driver, charger, windows, ease, lighting, vehicle settings and applications, and other scenarios. You can also create custom scenarios with friends.

Instrument Cluster Indicators

If the following indicators do not light or go out normally, please contact the NIO Service Center for assistance immediately.

Symbol or Instrument Cluster Display	Description
	Front fog lamp indicator
	Rear fog lamp indicator
	Dashed indicator
	Position lights indicator
	Low beam indicator
	Front fog lights indicator
	Vehicle ready indicator
	Left turn signal indicator
	Right turn signal indicator
	Rear fog lights indicator
	Air vent reverse-closed indicator
	Automatic Vehicle Hooking System (AVHS) off indicator
	Body system fault indicator
	Electronic stability control system off indicator
	Low battery indicator of high-voltage battery
	Preheating, pre-cool prompt or pre-cool/pre-warm authorization indicator
	Vehicle connection status indicator
	Intelligent headlights authorization indicator
	Electronic stability control system off indicator
	Tire Pressure and Temperature Monitoring (TPTM) system fault/reset and/or inflation indicator
	Tire Pressure and Temperature Monitoring (TPTM) system low tire pressure indicator
	Low Depressive Warning (LDW) and Assist off indicator
	Speed Limit Warning off indicator
	Front Anti-crashing light
	Anti-lock braking system fault warning light
	Super Tire Pressure Monitoring System (SPTPMS) fault
	Hill-climbing assistance fault warning light
	Hill-climbing assistance off indicator
	Tire Pressure Monitoring System (TPMS) fault indicator
	Electronic parking brake fault warning light
	Seat belt unfastened reminder warning light
	Airbag fault warning light
	Drive assist fault warning light
	Low voltage battery charging fault warning light
	High voltage battery fault warning light
	High voltage battery over-temperature warning light
	Visible electrical connection fault warning light
	Front Super Detection and Cruise Plus fault warning light
	Front Cross Traffic Alert (FCTA)/Rear Cross Traffic Alert (RCTA) fault warning light
	Drive Assistance fault warning light
	Speed limit Assist fault warning light
	Highway Advanced Parking Assist with Remote fault warning light
	Low Depressive Warning (LDW) and Assist fault warning light

Controls on Center Display

Front Center Display

After you are authorized from top of the vehicle's center display and body-side screen will personal sensitive such as the vehicle's front and rear wheels, the vehicle's front and rear wheels, the vehicle's front and rear wheels,

The enhanced head up display system (HUD) shows and projects critical information such as the vehicle speed, navigation information, and warnings onto the windshield, so the driver can keep his/her eyes on the road ahead.

Caution

In certain angles, sunlight may lead to the bright spots on the windshield when enhanced head up display system is operating. Adjust the HUD display brightness or turn off the HUD if the bright spots are bothersome.

Warning

When driving the vehicle, always focus on the road ahead. Do not depend on the Head Up Display as your sole source of information.

Do not use the Driving assistance from the control bar in the bottom of the center display, and the **Display > Enhanced Head Up Display (HUD) Setup** in the settings:

- Turn the HUD off
- Set the brightness adjustment
- Adjust the height
- Adjust the angle

Use the angle to set the system to fit your eyes (recommended).

Do not the Settings interface from the control bar in the bottom of the center display, and the **Display > Dashboard Navigation Mode (HUD)** and set the navigation instructions display mode to show only Dashboard navigation:

- Auto (Default, actively switches between Dashboard Mode or Sidebar Mode according to road conditions)
- Dashboard Mode, always shows navigation instructions on the dashboard, regardless of road conditions
- Sidebar Mode, always prefers displayed navigation instructions on the main navigation screen

Start Remember

After the vehicle is turned off, the Head Up Display (HUD) will remember the last settings. Start Remember will save you the trouble of adjusting the HUD settings every time you start the vehicle.

Do not the Settings interface from the control bar in the bottom of the center display, and the **Display > Enhanced Head Up Display (HUD) Setup > Start Remember**:

- When enabled, when you next turn on the vehicle, the Head Up Display (HUD) will use the last settings.
- When disabled, when you next turn on the vehicle, the Head Up Display (HUD) will use the default settings.

Warning

Head Up Display (HUD) Start Remember is a convenience only and cannot substitute your visual observation. You must always pay attention to the road ahead. Do not depend on the Head Up Display (HUD) Start Remember to remember and adjust the Head Up Display (HUD) to your preferred settings every time you start the vehicle.

Digital Video Recorder (DVR)

The Digital Video Recorder (DVR) feature includes Parking Recording, Transportation and Quick Video Record.

Caution

The Digital Video Recorder does not work when the vehicle is parked and powered off.

Rolling Recording

The Digital Video Recorder (DVR) includes the main, rear single and the front/rear/left/right surround view cameras, supporting rolling recording and event protection.

Rolling recording will only record the main view single of the camera, which supports a maximum resolution of 2560x1440 and a maximum frame rate of 30 frames per second.

Event recording will record the main view single of the camera, which has a maximum resolution of 2560x1440 and a maximum frame rate of 30 frames per second.

The system will start rolling recording automatically when the vehicle is turned on. The Digital Video Recorder (DVR) is about 30 hours, and it will overwrite the oldest recorded video. When the corresponding memory is exceeded, the system will delete the oldest recorded video.

The remainder of the rolling recording will be stored in the **Photos > DVR > Rolling Recording** folder. If you want to save a recorded video, you can copy it to a USB flash drive, or share it to the cloud or other devices. For more information, see Share Photos.

Go to the Settings interface from the control bar in the bottom of the center display, and **Safety > DVR** to enable or disable rolling recording:

- When the button is enabled, **DVR** will be displayed at the top of the center display.
- When the button is disabled, **DVR** will be displayed at the top of the center display.

The Digital Video Recorder (DVR) supports event recording and transportation recording, which are disabled by default and can be enabled in the Settings.

In the Settings for the recording interface of the Digital Video Recorder (DVR), **Set Sound Recordings** enables or disables the feature.

The quick video recording service takes a maximum 30 seconds video and 30 seconds after it is triggered. The remainder of the rolling recording will be stored in the **Photos > DVR > Quick Video Record** folder. If the system is powered off, the system will restore rolling recording and save a DVR Boot Video, which is the last recorded video.

Caution

The storage space for temporary videos will be cyclically overwritten, and manual cleaning is required when the storage space is full. Otherwise, the video recording failure will be affected.

Acoustic Vehicle Alerting System (AVAS)

When your vehicle is traveling at low speeds (typically lower than 30 km/h), it will be a sound to alert other road users to the presence of your vehicle, pedestrians and others.

Caution

The Digital Video Recorder does not work when the vehicle is parked and powered off.

Rolling Recording

The Digital Video Recorder (DVR) includes the main view single and the front/rear/left/right surround view cameras, supporting rolling recording and event protection.

Rolling recording will only record the main view single of the camera, which supports a maximum resolution of 2560x1440 and a maximum frame rate of 30 frames per second.

Event recording will only record the main view single of the camera, which has a maximum resolution of 2560x1440 and a maximum frame rate of 30 frames per second.

The system will start rolling recording automatically when the vehicle is turned on. The Digital Video Recorder (DVR) is about 30 hours, and it will overwrite the oldest recorded video. When the corresponding memory is exceeded, the system will delete the oldest recorded video.

The remainder of the rolling recording will be stored in the **Photos > DVR > Rolling Recording** folder. If you want to save a recorded video, you can copy it to a USB flash drive, or share it to the cloud or other devices. For more information, see Share Photos.

Go to the Settings interface from the control bar in the bottom of the center display, and **Safety > DVR** to enable or disable rolling recording:

- When the button is enabled, **DVR** will be displayed at the top of the center display.
- When the button is disabled, **DVR** will be displayed at the top of the center display.

The Digital Video Recorder (DVR) supports event recording and transportation recording, which are disabled by default and can be enabled in the Settings.

In the Settings for the recording interface of the Digital Video Recorder (DVR), **Set Sound Recordings** enables or disables the feature.

The quick video recording service takes a maximum 30 seconds video and 30 seconds after it is triggered. The remainder of the rolling recording will be stored in the **Photos > DVR > Quick Video Record** folder. If the system is powered off, the system will restore rolling recording and save a DVR Boot Video, which is the last recorded video.

Caution

The storage space for temporary videos will be cyclically overwritten, and manual cleaning is required when the storage space is full. Otherwise, the video recording failure will be affected.

Emergency Video Recording

The emergency video recording feature is triggered when the images in the vehicle's camera, front and rear sensors, and airbags are damaged in a collision or other emergency situation.

The emergency video includes video recorded 30 seconds before the emergency and 30 seconds after the emergency. The emergency video is saved in the **Photos > DVR > Emergency Video** folder. If the system is powered off, the system will restore rolling recording and save a DVR Boot Video, which is the last recorded video.

The quick video recording service takes a maximum 30 seconds video and 30 seconds after it is triggered. The remainder of the rolling recording will be stored in the **Photos > DVR > Quick Video Record** folder. If the system is powered off, the system will restore rolling recording and save a DVR Boot Video, which is the last recorded video.

Caution

The storage space for temporary videos will be cyclically overwritten, and manual cleaning is required when the storage space is full. Otherwise, the video recording failure will be affected.

Parking Camera and Parking Assist

Parking Assist monitors the surrounding conditions of vehicle for a speed through ultrasonic sensors to help you drive safely.

During parking, your vehicle will warn you with warning tones and images according to the distance between obstacles and the vehicle.

Distance	Frequency of the warning tones	Color
2.5-3.0m	None	White
1.5-2.5m	0.5-1.5 times per second	Yellow
0.5-1.5m	1.5-3.5 times per second	Orange
0-0.5m	3.5-5 times per second	Orange
Less than 0.5m	High frequency beep	Red

Caution

The front and rear sensor area of your vehicle shall not exceed 1.5 meters.

Warning

Parking Assist serves as a reference only, and cannot substitute your visual observation.

As a driving assist feature, Parking Assist cannot handle all situations in all traffic, weather and road conditions. You must always pay attention to the road ahead and be prepared to take control of the vehicle at any time to avoid collisions and other incidents.

Do not rely on Parking Assist to correctly recognize the vehicle's driver-to-car-side mirrors and complete with applicable traffic laws and regulations.

Enabling/Disabling Parking Camera

You can enable the parking camera in the following ways:

- Go to the Settings interface from the control bar in the bottom of the center display, and **Safety and Assistance > Parking Camera** to enable the parking camera.
- Enable the application center from the center display and **Parking** to open the memory view > **DP** parameter setting > **Parking Camera**.
- Engage the vehicle's reverse gear and the memory view > **DP** parameter setting > **Parking Camera**.
- Press forward the Middle button on the right side of the steering wheel, and the camera feature > **Set Forward View** and then press the **DP** parameter setting.
- Press up **SYNC**, enable **Parking** on the center screen, and open the **DP** parameter setting.

Parking Camera will automatically disabled when your vehicle is in PARK or moving faster than 5 mph.

You can set the default Parking Camera manually by pushing with the finger on the center display or by tapping the **DP** parameter setting.

Warning

The electronic sensors may have limited detection capabilities and obstructions such as Front Parking Radar Sensor, Rear Parking Radar Sensor, Front Parking Camera, Rear Parking Camera, and Rear Parking Camera Guidelines. Do not rely on these sensors to detect all obstacles.

- Due to some obstacles sensors are designed, installed or obscured (such as by mud, ice, and snow) or colored, they may not detect.
- The performance of the ultrasonic sensors is affected by severe weather such as rain, snow, fog and hailstorm.
- Sensors are affected by other ultrasonic equipment or devices that cause interference.

Caution

Accurate measurements by ultrasonic sensors may prove difficult when there are obstructions. Check DP diagnosis or road conditions change and will alert the actual driving of your vehicle. Which include but are not limited to:

- Rough asphalt, cement or other porous, sound-trapped road surfaces and other signs of uneven pavement.
- Indistinct curbs and other items embedded in the road.
- Obstacles covered by large vehicles, construction machinery, and other equipment nearby.

Warning

Ultrasonic sensor detection may be restricted for certain obstacles, including obstacles that are too or narrow, or which are too low or too high to the ground. Do not rely on the ultrasonic sensors to detect all obstacles. Ultrasonic sensors are not able to detect the following obstacles, and it may cause a collision. These obstacles include but are not limited to:

- Pedestrians, children, and animals
- Open parking lots, low stone blocks, low curbstones, thin stick, pointed objects, potholes, etc.
- Bright sunsetting harsh, bright lines, or suspended structures
- Obstacles on the side of the vehicle's body that may cause a collision or scratches
- Hard to contact of soft and sparse substrate in parking lots, etc.

Parking Camera Interface

Parking Camera Interface includes the parking interface, DP interface, and parking aid line's setting. The buttons on the upper left side of the DP parameter camera to switch the interface.

Button	Function
Button 1	Switch to the front view camera.
Button 2	Switch to the DP parameter camera.
Button 3	Switch to Quick Access.
Button 4	Switch to the left view.

Parking Camera View

After opening the front view camera interface, you can switch to the front view and rear view by switching between the front view camera and the rear view camera. The front view camera and the rear view camera can be displayed on the left and right sides at the same time, and the front and rear of the same display can be switched.

Parking Camera Interface supports the function of adjusting the brightness and contrast of the camera image. You can adjust the brightness and contrast of the camera image by tapping the adjustment button in the center display.

Adjusting the Brightness of the Parking Camera

Under Maintenance

The "Quick Access" in the parking camera interface is that "Brightness Adjustment", then select "Auto". The brightness of the rear camera display can be automatically adjusted along with the brightness of the environment.

Adjusting the Contrast of the Parking Camera

The "Quick Access" in the parking camera interface is that "Brightness Adjustment", then select the brightness adjustment button to manually adjust the brightness of the rear camera. Repeatedly pressing the brightness adjustment button to adjust the contrast of the rear camera.

Camera View Angle Tracking in Steering

When the vehicle is in the reverse gear, the steering angle of the front and rear ultrasonic ranges will be adjusted according to the current angle of the steering wheel, helping users expand their ultrasonic ranging view and improving parking safety.

Parking Camera Interface supports the function of the camera display, **Setting** and then the **Steering Angle Tracking** to enable or disable.

Dynamic Transparent Chassis

Dynamic transparent chassis refers to a visualization effect that can be generated. Accelerated processing, on the ground surface, the chassis of the vehicle can be displayed in the form of transparent or semi-transparent, so that the ground surface that is not the road conditions can be seen in the vehicle.

Dynamic transparent chassis can be used in the parking scenario. After the dynamic transparent chassis is enabled, the ground surface under the vehicle chassis will be displayed in the form of transparent or semi-transparent, so that "tunnel" and "tail".

Warning

Dynamic Transparent Chassis cannot detect possible environmental changes under the chassis when the vehicle is stationary. Please drive the vehicle and always pay attention to your surroundings and road conditions.

Blind Area around the Vehicle Model

Due to the relative relationship between the camera installation position and the body, there is a blind area of about 30cm around the vehicle. The blind area around the vehicle model is displayed in the form of the vehicle model, so that it can be observed.

Caution

The blind area indicated by the surrounded view image serves as a reference only, and cannot substitute your visual observation.

You must always pay attention to traffic and road conditions, and pedal the vehicle only after your safety is ensured.

Do not rely on the surrounded view image to determine the distance between the vehicle and other objects or pedestrians.

Seat Belts

Seat Belt Instructions

Seat belts are the most important way to protect occupants in an accident. Using seat belts together with airbags can provide the best protection in a crash.

Both front and rear seats have lap belts and shoulder belts with pre-tensioners and force limiters. The pre-tensioners rapidly retract the seat belts in a collision to remove slack in the seat belt and increase the effectiveness of the seat belt. The force limiters release some of the seat belt force exerting on the chest to avoid injuries and increase the effectiveness of the seat belt.

Warning

- Lap and shoulder seat belt are designed to correctly restrained, serious injury or death may occur as a result. Always ensure proper use.
- Do not influence your seat belt while your vehicle is in motion. Otherwise, serious injury may occur in the event of an accident.
- Do not place your body and limbs, and avoid blocking the output of the airbags. Otherwise, the seat belt will not be able to be in the normal position.
- Do not use the shoulder seat belt and lap belt to bump mechanical sensitivity for damage and aging. If there is any damage, aged or continuous aging, it will affect the protection function of the seat belt.
- Do not remove, disassemble and modify the seat belt. Do not remove or install seat belts by yourself under any circumstances.
- Do not clean the seat belt with standard gasoline (such as building a solvent), or other strong solvent substances to prevent damage to the seat belt or accident.
- Do not use the seat belt to fix the cargo or prevent falling in an accident but have to utilize protection features. Even if no accident occurs, it may cause the seat belt to be damaged and lose its function. Do not place the cargo on the field that is in front of the passenger and that is equipped with airbags.
- Please do not let your passenger lean on the door. Otherwise, the protective function of your seat belt will be seriously affected.

Seat Belt Warning Light

All seats are equipped with **SYNC**. When the driver is seated with doors closed in the main position and ready to driving, the seat belt warning light will be lit for a few seconds to remind the driver to fasten the seat belt. If the driver's seat belt is not fastened, the seat belt warning light will continue to flash and the seat belt will be fastened, the warning light will stop and remain illuminated. If the driver's seat belt is fastened, the seat belt warning light will stop and remain illuminated. If the driver's seat belt is unfastened, the whole will stop **SYNC** reminder, but the warning light will stay on.

When the vehicle is equipped with front passenger seat belt detection, the front passenger seat belt warning light will be illuminated when it will turn on if a passenger is the seat or leaning on the seat backrest. After the seat belt is fastened, the warning light will stop.

When not your seats are not fastened:

- If the vehicle is in motion, the warning light immediately turns off after 5 seconds.
- If the vehicle is in motion, the warning light flashes and continues for 5 seconds. The warning light turns off after 5 seconds.
- If passengers in the rear seats unbuckled, the warning light automatically turns off after 15 seconds.

Warning

If the seat belt reminder malfunctions, do not use the seat and contact SRS manufacturer for inspection.

Wearing Seat Belts

Use the seat belts correctly as follows:

- Pull the seat belt, the lock button is under seat belt, unwind the shoulder portion of the seat belt over the shoulder and the lap portion of the seat belt over your hips. Avoid twisting the shoulder portion of the seat belt. Place the lock button into the buckle and pull the seat belt to ensure it is locked in place.

- Press the button and slide the lock up or down to adjust the seat belt height. Reduce the button when the belt is on the shoulder and raise the button when the belt is on the arm to ensure the belt is not too close to the neck.
- To release the seat belt, press the red button on the lock part to release the lock. Gently slide the lock back to hand or slide it down along the seat belt.

Caution

- Ensure that the buttons and seat belt mechanism are correctly locked before wearing a seat belt, so that the seat belt can protect the occupant in the fullest extent possible.
- Do not let hard objects or sharp objects in the seat belt mechanism, or it will affect the seat belt function.

- Do not let your body or other objects block the seat belt. Do not place your body or other objects in the seat belt area, or it may cause the seat belt to be unable to lock in place in an emergency or cause the seat belt to be unable to lock in place in an emergency or cause the seat belt to be unable to lock in place in an emergency.

AirBags

Airbag Instructions

As a restraint system, airbags are a supplement to seat belts. Airbags are quickly inflate in the event of a severe accident to provide additional protection for the occupants in the vehicle. Airbags are designed to inflate in certain collisions to help cushion. Occupants with seat belts fastened and seat belts are used appropriately.

Your vehicle is equipped with airbags sensor. When a front or side collision that satisfies the conditions of deploying the airbags, the sensor will immediately send a signal to the airbag control unit, the airbag control unit will calculate the collision severity and decide whether to deploy the airbags. The airbags will deflate after inflation to avoid affecting the driver's vision and operation.

Warning

- Airbags are designed to inflate in certain collisions and provide additional protection for occupants in the vehicle. Airbags are designed to deflate after inflation to avoid affecting the driver's vision and operation. Airbags are not designed to prevent injuries or death in all collisions.
- Do not place objects in front of the airbags. Do not place objects in front of the airbags or in the area of the airbags. Do not place objects in front of the airbags or in the area of the airbags. Do not place objects in front of the airbags or in the area of the airbags. Otherwise, the airbags will not be able to deploy properly in an accident.
- Do not place any hard objects (including cabinet hangers, clothes, or glass bottles) on the passenger bottom in the vehicle. Doing so may result in injury if a crash occurs

Toyota Sienna XLE AWD 7-Passenger V6 4D Van	2WD	4	3.5L DOHC 24V V6	6-SPEED AUTOMATIC	4T65E
Toyota Sienna XLE AWD 7-Passenger V6 4D Van	AWD	4	3.5L DOHC 24V V6	6-SPEED AUTOMATIC	4T65E
Toyota Sienna XLE Limited

Vehicle impact force sensor the Intelligent Emergency Brake (IEB) system operating as expected in the following situations, when the vehicle is moving forward:

- The Autonomous Emergency Brake will not respond to objects that are in front of the vehicle, such as those ahead of you in the same lane, and behind of the vehicle.
- Vehicle impact force sensor the Intelligent Emergency Brake will not operate if sensing a turn in the road.
- Strong sunlight, which may cause a sensor to impede the detection of the object.
- When only part of the body of a vehicle is detected, such as when the front of your vehicle temporarily after a longer vehicle cutting in, then a turn, etc., it may not be able to recognize it in time.
- When your vehicle abruptly cuts into the front of the vehicle ahead, or another vehicle abruptly cuts in on your lane of the vehicle, it may not be able to respond in time.
- When a vehicle ahead of you is tilted or tilted at a large angle to the vehicle, it may not be able to recognize it in time.
- When only part of the body of the lead vehicle overlaps with the vehicle, then vehicle may not be recognized in time.
- When the vehicle ahead of you is narrow and other than the person, it may not be able to recognize it in time or may not be able to recognize it.

The performance of Autonomous Emergency Braking to sensing the impact of a collision may be affected by an operator or environmental factors, such as the following:

- Meteorological conditions, muddy roads, pebbles, ice, and snow covered roads, wind, rain and fog, roads with a lot of potholes.
- Complex road shapes (of pedestrians, bicycles, obstacles, bicycles, or animals).
- Frequent and changing traffic flows, such as heavy intersections, freeway ramps, and congested roads.
- Flashing roads and dirty roads.
- Rough roads.
- Frozen pavement, cold and covered pavement and ruts.

Caution

Emergency Brake Assistance on slippery roads. If Anti-Lock Braking System, Traction Control System, and Electronic Stability Program are engaged, the performance of Autonomous Emergency Brake is expected to be impact of a collision may be impacted.

Warning

The Lead vehicle moves downward abruptly during Autonomous braking system. You can place your objects under the lower pedal. Doing so can impede the ability of the brake pedal to move freely.

Warning

Autonomous Emergency Brake is not a substitute for maintaining a safe following distance between you and the vehicle in front of you. Maintain a safe following distance between you and the vehicle in front of you.

Warning

Autonomous Emergency Brake (AEB) is mainly used to reduce the impact of a forward collision.

Warning

Autonomous Emergency Brake may not apply the brakes or may stop applying the brakes in some situations, including but not limited to:

- The driver fully or sufficiently powered the accelerator pedal.
- The driver turns the steering wheel sharply.
- The driver applies the brakes sufficiently.
- The driver turns a turn signal.
- Vehicle speed is too low or too high.
- Vehicle speed has been reduced and cannot be engaged again within roughly 30 seconds.
- The vehicle is detected in front of the vehicle.

Warning

It is not recommended to use this feature in the event of extremely severe weather (vehicle tackles but is not limited to rain, snow, and fog).

The driver exercises intervention and restitution do not release the driver responsibility for the vehicle. Intervention and restitution by the driver may cause the Autonomous Emergency Brake to be inactivated. Do not rely exclusively on the system to avoid or reduce collisions, weather, road and vehicle conditions and driver risk factors.

Lane Departure Warning (LDW)

Lane Departure Warning helps to reduce the risk of lane departures by providing you with aesthetic visual and audio warnings when your vehicle is about to leave its current lane.

Warning

Lane Departure Warning may fail to detect the, cell. Please always ensure cameras clean driving and keep your vehicle in the middle of the lane.

Warning

In a driving mode button, Lane Departure Warning cannot handle all situations or all traffic, weather and road conditions. Always pay attention to the road and surrounding traffic and use your own judgment before changing lanes.

The system may pay attention to traffic and road conditions, and make your own decisions whether to use Lane Departure Warning based on it's rules. You should always be ready to take over when you feel that the conditions of the traffic, road or vehicle are not suitable for Lane Departure Warning. Lane Departure Warning may not be able to detect lanes or road signs in many situations, including but not limited to: rainy, foggy, snowy, or dark conditions; high speeds; traffic; curves; and poor road conditions.

Enabling and Disabling Lane Departure Warning

Lane Departure Warning can be turned on or off in the vehicle settings menu. See **Driver Assistance** in **Lane Departure Warning** in the Vehicle Settings section for more information.

Lane assistance can be turned on or off in the vehicle settings menu. See **Driver Assistance** in **Lane Departure Warning** in the Vehicle Settings section for more information.

Lane Departure Warning and Lane Assistance can be turned on or off by using the steering wheel controls. See **Steering Wheel Controls** in the Vehicle Settings section for more information.

Lane Departure Warning and Lane Assistance are turned on by default every time the vehicle is started.

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Operating conditions for Lane Departure Warning:

- Lane markings are visible.
- Vehicle speed is roughly 30 MPH/48 KPH.
- The vehicle driver is not using the turn signal and the vehicle is not in a lane change

Warning

Emergency Lane Keeping does limited steering torque which can only provide certain steering assist and cannot fully prevent a collision. Do not rely on Emergency Lane Keeping to prevent a collision. Failure to do so may result in serious or fatal injury.

Warning

Driver remains the vehicle driver determinant, which means driving, steering, and/or braking, and/or ends with the driver's intention.

Warning

In a driver assist frame, Emergency Lane Keeping cannot handle all situations in all traffic, weather and road conditions. Emergency Lane Keeping may not be able to detect lane markings in certain situations, such as when the road surface changes, if the vehicle enters a tunnel, or when the vehicle is driven in a curve. Emergency Lane Keeping may not be able to detect lane markings in certain situations, such as when the road surface changes, if the vehicle enters a tunnel, or when the vehicle is driven in a curve. Do not rely on Emergency Lane Keeping. Failure to do so may result in serious or fatal injury. Do not rely on Emergency Lane Keeping. Failure to do so may result in serious or fatal injury.

Warning

The following behaviors are predicted when driving:

- Vehicle shaking when Emergency Lane Keeping
- Repeat of the warning sound
- Loud of the voice

Operating Conditions of Emergency Lane Keeping

- Your vehicle speed is about 50 MPH/h
- Your vehicle drives normally without sudden acceleration, deceleration or steering
- Your vehicle is in the center of the lane and does not drive on the lane marking
- The light detection system features normally and provides clear view
- The components of the Lane Keeping Assist system are fully
- Your vehicle is in normal conditions such as:
  - The driver is seated
  - Your vehicle is in gear position D
  - Anti-lock brake system, traction control system and vehicle stability control system are engaged

Emergency Lane Keeping is automatically activated when the conditions are met in an emergency.

Emergency Lane Keeping can only provide limited steering assist and cannot control the vehicle's speed.

Hold the Lane Keeping is stable is constantly control the steering. Therefore, it cannot always keep the vehicle centered in the lane.

When Emergency Lane Keeping controls your steering, the steering wheel will not move accordingly.

You can take over steering by holding the steering wheel manually.

Emergency Lane Keeping (ELK) In Case of Deviation in Right Lane

Emergency Lane Keeping (ELK) is a system that helps you keep your vehicle in the center of your current lane. Emergency Lane Keeping (ELK) uses the system to automatically steer the right side of the vehicle back to the right lane. At the same time, the driver of the vehicle and warning will be displayed on yellow.

Warning

Active Lane Change (ALC)

The Active Lane Change (ALC) with Lane change assistance function is the basic of achieving Lane Changing Control (LCC). Following the Lane change assistance function, the system will assist the vehicle to complete the lane changing by Toggling the Turn signal switch, and the system will provide the following functions:

The Active Lane Change (ALC) is applicable and operational when the current and target lanes must be in level, clear and free of any obstacles and road markings.

Warning

As a driving aide function, Active Lane Change cannot handle all situations or all traffic, weather, and road conditions.

The system may not recognize traffic and road conditions and may cause non-intuitive or unexpected maneuvers. Always pay attention to your surroundings and be prepared to take over at any time.

Vehicles and cars suitable for Active Lane Changes are those with clear lanes.

Warning

Active Lane Change does not relieve responsibility for changing lanes safely and completing traffic-control tasks. Drivers are responsible for safe lane changes.

Enabling/Disabling Active Lane Change (ALC)

Go to Driving assistance menu to find the option to turn the function of the system ON/OFF, and tap **Driver Assistance > Active Lane Change** to enable/disable the function.

Operating conditions for the Active Lane Change (ALC):

- The driver's hands on the steering wheel.
- Blue Lane Changing Control (LCC) is enabled and operating normally.
- The driver's Turn signal switch (LCC) is enabled and operating normally.
- The sensor features properly and the field of view is clear.
- The vehicle speed is above 40 KMH.
- The current and target lanes meet all the safety conditions in lane change. For example:
  - The current and target lanes are in level, clear and free of any obstacles.
  - The curvature of the current and target lanes are small.
  - The vehicle remains a safe distance to the vehicles in front of and behind in the current and target lanes.
  - There is no Blind Spot Detection and Lane Change Assist and other sensor in the target lane.
  - The lane markings on both sides of the target lane are clear.
- The current and target lanes are the same Lane Change (LC) lane; the system will not trigger the lane change.

Before initiating lane change, simply turn the Turn signal switch to the opposite direction and the system will initiate the lane change automatically. The system will cancel the lane change if the driver turns the Turn signal switch back to the original turn signal, or the target maximum timer and speed limit of the vehicle exceed the system's limit.

- Lane Change Assist (LCA) and Blind Spot Detection (BSD) are not required for lane change assistance, such as when the activation alarm for Blind Spot Detection and Lane Change Assist is off.
- Since System is tested for sensors such as taking over the steering wheel control, switches turn indicators, and driving assistance functions.
- Compared to Lane Change (LCC) and Lane Assist, an extra of the same time for sensors such as pressing the Turn signal switch, and driving assistance functions.

Caution

Active Lane Changes can only change one lane at a time.

Warning

Automatic lane changes may fail if the light and visibility are poor at night, or when lane lines are not clear.

Warning

Active Lane Changes may suddenly be canceled due to unexpected circumstances. Please always pay attention to traffic and road conditions, and be prepared to take over at any time.

Caution

The system will cancel Active Lane Change (ALC) in the following situations:

- Lane Change Control (LCC) is canceled or turned off.
- Turn signal switch (LCC) is canceled or turned off.
- Turn on a turn or other Turn signal switch to the opposite direction to the current Turn signal switch.
- Turn on the Turn signal switch for more than 10 seconds.
- The vehicle speed is below 40 KMH.
- The vehicle's current and target lanes are not in level, clear and free of any obstacles.
- The curvature of the current and target lanes are large.
- The vehicle remains a safe distance to the vehicles in front of and behind in the current and target lanes.
- There is a Blind Spot Detection and Lane Change Assist and other sensor in the target lane.
- The lane markings on both sides of the target lane are clear.
- The current and target lanes are the same Lane Change (LC) lane; the system will not trigger the lane change.

Lane Changing Control (LCC)

Lane Changing Control (LCC) with Lane change assistance function is the basic of achieving Lane Changing Control (LCC). Following the Lane change assistance function, the system will assist the vehicle to complete the lane changing by Toggling the Turn signal switch, and the system will provide the following functions:

The Active Lane Change (ALC) is applicable and operational when the current and target lanes must be in level, clear and free of any obstacles and road markings.

Warning

As a driving aide function, Active Lane Change cannot handle all situations or all traffic, weather, and road conditions.

The system may not recognize traffic and road conditions and may cause non-intuitive or unexpected maneuvers. Always pay attention to your surroundings and be prepared to take over at any time.

Vehicles and cars suitable for Active Lane Changes are those with clear lanes.

Warning

Active Lane Change does not relieve responsibility for changing lanes safely and completing traffic-control tasks. Drivers are responsible for safe lane changes.

Enabling/Disabling Active Lane Change (ALC)

Go to Driving assistance menu to find the option to turn the function of the system ON/OFF, and tap **Driver Assistance > Active Lane Change** to enable/disable the function.

Operating conditions for the Active Lane Change (ALC):

- The driver's hands on the steering wheel.
- Blue Lane Changing Control (LCC) is enabled and operating normally.
- The driver's Turn signal switch (LCC) is enabled and operating normally.
- The sensor features properly and the field of view is clear.
- The vehicle speed is above 40 KMH.
- The current and target lanes meet all the safety conditions in lane change. For example:
  - The current and target lanes are in level, clear and free of any obstacles.
  - The curvature of the current and target lanes are small.
  - The vehicle remains a safe distance to the vehicles in front of and behind in the current and target lanes.
  - There is a Blind Spot Detection and Lane Change Assist and other sensor in the target lane.
  - The lane markings on both sides of the target lane are clear.
  - The current and target lanes are the same Lane Change (LC) lane; the system will not trigger the lane change.

Before initiating lane change, simply turn the Turn signal switch to the opposite direction and the system will initiate the lane change automatically. The system will cancel the lane change if the driver turns the Turn signal switch back to the original turn signal, or the target maximum timer and speed limit of the vehicle exceed the system's limit.

- Lane Change Assist (LCA) and Blind Spot Detection (BSD) are not required for lane change assistance, such as when the activation alarm for Blind Spot Detection and Lane Change Assist is off.
- Since System is tested for sensors such as taking over the steering wheel control, switches turn indicators, and driving assistance functions.
- Compared to Lane Change (LCC) and Lane Assist, an extra of the same time for sensors such as pressing the Turn signal switch, and driving assistance functions.

Caution

Active Lane Changes can only change one lane at a time.

Warning

Automatic lane changes may fail if the light and visibility are poor at night, or when lane lines are not clear.

Warning

Active Lane Changes may suddenly be canceled due to unexpected circumstances. Please always pay attention to traffic and road conditions, and be prepared to take over at any time.

Caution

The system will cancel Active Lane Change (ALC) in the following situations:

- Lane Change Control (LCC) is canceled or turned off.
- Turn signal switch (LCC) is canceled or turned off.
- Turn on a turn or other Turn signal switch to the opposite direction to the current Turn signal switch.
- Turn on the Turn signal switch for more than 10 seconds.
- The vehicle speed is below 40 KMH.
- The vehicle's current and target lanes are not in level, clear and free of any obstacles.
- The curvature of the current and target lanes are large.
- The vehicle remains a safe distance to the vehicles in front of and behind in the current and target lanes.
- There is a Blind Spot Detection and Lane Change Assist and other sensor in the target lane.
- The lane markings on both sides of the target lane are clear.
- The current and target lanes are the same Lane Change (LC) lane; the system will not trigger the lane change.

Lane Centering Control (LCC)

Lane Centering Control provides the Steer Assist function to keep the vehicle in the lane on the basis of the vehicle speed, curvature, lanes and SVRM to assist vehicles ahead on the driving path, so as to actively control the speed of the vehicle and steering wheel, and provide the function of Lane Centering Control (LCC) to assist the driver in driving and reduce the burden of driving. Lane Centering Control (LCC) will keep the vehicle in the middle of the lane, so as to assist driving and reduce the burden of driving.

Lane Centering Control, as a driving aide function, is unable to achieve such driving capabilities, as the driver shall keep attention to the road and be ready to take over the control of the vehicle at any time.

Lane Centering Control will actively keep the vehicle in the lane when there are clear lane lines on both sides. Special road conditions and lane lighting may affect, or slightly affect, the system's recognition and operation. Subject to the road conditions, Lane Centering Control (LCC) may not be able to recognize the lane lines, and may not be able to provide the function of Lane Centering Control (LCC).

Warning

As a driving aide function, Lane Centering Control cannot handle all situations or all traffic, weather and road conditions.

The system may not recognize traffic and road conditions, and may lead to a non-intuitive or unexpected maneuver. Always pay attention to your surroundings and be prepared to take over at any time.

Vehicles and cars suitable for Lane Centering Control (LCC) are those with clear lane lines.

Warning

Lane Centering Control does not relieve responsibility for maintaining an appropriate distance and speed and completing traffic-control tasks. Drivers are responsible for safe driving.

Warning

The following behaviors are prohibited when driving:

- Driving under the influence
- Using the System in bad weather conditions
- Using the System on a road with a curvature larger than or many protrusions, bicycles, or animals
- Using the system on dirty roads
- Using the system when the lane lines are unclear in the lighting is poor
- Shade of the steering wheel
- Keep off the road

Warning

Lane Centering Control (LCC) is a driver's driving assist that is also for the maximum steering force required is normal. Steering Assistance, the system only provides a maximum force of the steering wheel. The driver's driving the prepared to take over the steering, especially when encountering sudden.

Lane Centering Control (LCC) is a driver's driving assist, the driver's attention and driving or reading mode or reads text shows, the system only can Lane Centering Control or Steer Assistance, the driver's attention, the system.

Enabling/Disabling Lane Centering Control (LCC)

Go to Driving assistance menu to find the option to turn the function of the system ON/OFF, and tap **Driver Assistance** and **Driver Assistance > Lane Centering Control (LCC)** to enable/disable the function.

Turn on Lane Centering by the Settings first, and then Lane Assist (LCC) is activated.

- Mobile Assist, Active and Assist Lane Centering Control (LCC).
- Up further, increase or remove the setting speed.
- Lane Centering Control (LCC) is ready.
- LCC button, discover the following dialogue.
- Right button, increase the following distance.

When the operating conditions are met, press the Mobile Assist ( ) button to turn on Lane Centering Control (LCC).

- Lane Centering Control (LCC) is ready to be turned on, the system will provide the function of the current lane, and keep Steer Assist and Lane Centering Control (LCC) to assist the driver in driving.
- If the lane markings on both sides are unclear or the vehicle is in the middle of the lane, the system will provide Adaptive Cruise Control (ACC) and start monitoring the lane markings, and then activate Steer Assist and Lane Centering Control (LCC).

Lane Centering Control (LCC) is enabled or is about to be ON/OFF, the system will:

- The vehicle speed is lower than 30 KMH, 30 KMH will be set as the setting speed.
- The vehicle speed is higher than 30 KMH but not higher than 180 KMH, the vehicle speed will be set as the setting speed.

When Lane Centering Control activates, Adaptive Cruise Control and auto switching for lane markings: you can choose the accelerator pedal, and the Steer Assist and Lane Centering Control will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

- When there is no vehicle ahead, Lane Centering Control will gradually adjust the speed of your vehicle to the setting speed.

When Lane Centering Control activates, Steer Assist, it will actively assist with steering control: however, when there are clear lane lines on both sides, the system will provide the function of Lane Centering Control (LCC) to assist the driver in driving, and the driver shall keep attention to the road and be ready to take over the control of the vehicle at any time.

- When the lane lines are unclear, Lane Centering Control (LCC) is controlling the steering, When Lane Centering Control (LCC) is actively controlling, the accelerator pedal does not invert, When Lane pedal does not, Steer Assist.

Setting Condition for Lane Centering Control (LCC)

- Lane Centering Control (LCC) is enabled.
- Turn signal switch (LCC) is enabled and operating properly with a clear view.
- Accompanied Lane Centering Control (LCC) and Lane Assist.
- The driver cannot be activated when the steering angle of the steering wheel is too large.
- Vehicle speed of safety conditions, such as:
  - The driver hands on the steering wheel.
  - The driver is normal.
  - The driver has fastened the seat belt.
  - All doors are closed.
  - Front vehicle is at a safe position.
  - Front vehicle is at a safe speed.
  - Side lane lines, sensors, control system and vehicle stability control system are engaged.

Enabling the Active Lane Change (ALC) feature in Settings does not mean that the feature has been activated.

After turning the operating conditions, you can press the Mobile Assist button to turn on Lane Centering Control (LCC). When the operating conditions are met, the system will provide the function of Lane Centering Control (LCC) and Lane Assist.

- The system will turn on the Lane Centering Control (LCC) function, and the system will provide the function of Lane Centering Control (LCC) and Lane Assist.
- Lane Centering Control (LCC) will keep the vehicle in the middle of the current lane, and the system will provide the function of Lane Centering Control (LCC) to assist the driver in driving and reduce the burden of driving.
- Lane Centering Control (LCC) will keep the vehicle in the middle of the current lane, so as to assist driving and reduce the burden of driving.
- Steer Assist is tested for sensors such as taking over the steering wheel control, switches turn indicators, and driving assistance functions.
- Compared to Lane Centering Control (LCC) and Steer Assist are tested at the same time for sensors such as pressing the Turn signal switch, and driving assistance functions.

Caution

Active Lane Changes can only change one lane at a time.

Warning

Automatic lane changes may fail if the light and visibility are poor at night, or when lane lines are not clear.

Warning

Active Lane Changes may suddenly be canceled due to unexpected circumstances. Please always pay attention to traffic and road conditions, and be prepared to take over at any time.

Caution

The system will cancel Active Lane Change (ALC) in the following situations:

- Lane Change Control (LCC) is canceled or turned off.
- Turn signal switch (LCC) is canceled or turned off.
- Turn on a turn or other Turn signal switch to the opposite direction to the current Turn signal switch.
- Turn on the Turn signal switch for more than 10 seconds.
- The vehicle speed is below 40 KMH.
- The vehicle's current and target lanes are not in level, clear and free of any obstacles.
- The curvature of the current and target lanes are large.
- The vehicle remains a safe distance to the vehicles in front of and behind in the current and target lanes.
- There is a Blind Spot Detection and Lane Change Assist and other sensor in the target lane.
- The lane markings on both sides of the target lane are clear.
- The current and target lanes are the same Lane Change (LC) lane; the system will not trigger the lane change.

Lane Assist (LA)

Lane Assist (LA) provides the function of Steer Assist to keep the vehicle in the lane on the basis of the vehicle speed, curvature, lanes and SVRM to assist vehicles ahead on the driving path, so as to actively control the speed of the vehicle and steering wheel, and provide the function of Lane Assist (LA) to assist the driver in driving and reduce the burden of driving. Lane Assist (LA) will keep the vehicle in the middle of the lane, so as to assist driving and reduce the burden of driving.

Lane Assist (LA), as a driving aide function, is unable to achieve such driving capabilities, as the driver shall keep attention to the road and be ready to take over the control of the vehicle at any time.

Lane Assist (LA) will actively keep the vehicle in the lane when there are clear lane lines on both sides. Special road conditions and lane lighting may affect, or slightly affect, the system's recognition and operation. Subject to the road conditions, Lane Assist (LA) may not be able to recognize the lane lines, and may not be able to provide the function of Lane Assist (LA).

Warning

As a driving aide function, Lane Assist (LA) cannot handle all situations or all traffic, weather and road conditions.

The system may not recognize traffic and road conditions, and may lead to a non-intuitive or unexpected maneuver. Always pay attention to your surroundings and be prepared to take over at any time.

Vehicles and cars suitable for Lane Assist (LA) are those with clear lane lines.

Warning

Lane Assist (LA) does not relieve responsibility for changing lanes safely and completing traffic-control tasks. Drivers are responsible for safe lane changes.

Warning

The following behaviors are prohibited when driving:

- Driving under the influence
- Using the System in bad weather conditions
- Using the System on a road with a curvature larger than or many protrusions, bicycles, or animals
- Using the system on dirty roads
- Using the system when the lane lines are unclear in the lighting is poor
- Shade of the steering wheel
- Keep off the road

Warning

Lane Assist (LA) is a driver's driving assist that is also for the maximum steering force required is normal. Steering Assistance, the system only provides a maximum force of the steering wheel. The driver's driving the prepared to take over the steering, especially when encountering sudden.

Lane Assist (LA) is a driver's driving assist, the driver's attention and driving or reading mode or reads text shows, the system only can Lane Assist or Steer Assistance, the driver's attention, the system.

Enabling/Disabling Lane Assist (LA)

Go to Driving assistance menu to find the option to turn the function of the system ON/OFF, and tap **Driver Assistance** and **Driver Assistance > Lane Assist (LA)** to enable/disable the function.

Turn on Lane Assist by the Settings first, and then Lane Assist (LA) is activated.

- Mobile Assist, Active and Assist Lane Centering Control (LCC).
- Up further, increase or remove the setting speed.
- Lane Assist (LA) is ready.
- LA button, discover the following dialogue.
- Right button, increase the following distance.

When the operating conditions are met, press the Mobile Assist ( ) button to turn on Lane Centering Control (LCC).

- Lane Assist (LA) is ready to be turned on, the system will provide the function of the current lane, and keep Steer Assist and Lane Assist (LA) to assist the driver in driving.
- If the lane markings on both sides are unclear or the vehicle is in the middle of the current lane, the system will provide Adaptive Cruise Control (ACC) and start monitoring the lane markings, and then activate Steer Assist and Lane Assist (LA).

Lane Assist (LA) is enabled or is about to be ON/OFF, the system will:

- The vehicle speed is lower than 30 KMH, 30 KMH will be set as the setting speed.
- The vehicle speed is higher than 30 KMH but not higher than 180 KMH, the vehicle speed will be set as the setting speed.

When Lane Centering Control activates, Adaptive Cruise Control and auto switching for lane markings: you can choose the accelerator pedal, and the Steer Assist and Lane Assist will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

- When there is no vehicle ahead, Lane Assist will gradually adjust the speed of your vehicle to the setting speed.

When Lane Centering Control activates, Steer Assist, it will actively assist with steering control: however, when there are clear lane lines on both sides, the system will provide the function of Lane Assist (LA) to assist the driver in driving, and the driver shall keep attention to the road and be ready to take over the control of the vehicle at any time.

- When the lane lines are unclear, Lane Assist (LA) is controlling the steering, When Lane Assist (LA) is actively controlling, the accelerator pedal does not invert, When Lane pedal does not, Steer Assist.

Setting Condition for Lane Assist (LA)

- Lane Assist (LA) is enabled.
- Turn signal switch (LA) is enabled and operating properly with a clear view.
- Accompanied Lane Centering Control (LCC) and Lane Assist.
- The driver cannot be activated when the steering angle of the steering wheel is too large.
- Vehicle speed of safety conditions, such as:
  - The driver hands on the steering wheel.
  - The driver is normal.
  - The driver has fastened the seat belt.
  - All doors are closed.
  - Front vehicle is at a safe position.
  - Front vehicle is at a safe speed.
  - Side lane lines, sensors, control system and vehicle stability control system are engaged.

Adjusting the speed under Lane Centering Control (LCC)

When Lane Centering Control (LCC) is active, you can actively take over the vehicle by stepping on the accelerator pedal, and the Steer Assist and Lane Centering Control will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

- When Lane Centering Control (LCC) is active, Adaptive Cruise Control (ACC) will start monitoring the lane markings, and the Steer Assist and Lane Centering Control will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

Adjusting the following time and distance under Lane Centering Control (LCC)

When the system is active, you can adjust the following time and distance on an adjustment of settings.

- Press the Right button on the left side of the steering wheel to set the following time and distance to a further setting.
- Press the Left button on the left side of the steering wheel to set the following time and distance to a further setting.

Takeover and Resume

When driving with Lane Centering Control (LCC) active, you can actively take over the vehicle by stepping on the accelerator pedal, and the Steer Assist and Lane Centering Control will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

- When Lane Centering Control (LCC) is active, Adaptive Cruise Control (ACC) will start monitoring the lane markings, and the Steer Assist and Lane Centering Control will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

When Lane Centering Control (LCC) is active, Adaptive Cruise Control (ACC) will start monitoring the lane markings, and the Steer Assist and Lane Centering Control will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

- When Lane Centering Control (LCC) is active, you can actively take over the vehicle by stepping on the accelerator pedal, and the Steer Assist and Lane Centering Control will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

Adjusting the speed under Lane Centering Control (LCC)

When Lane Centering Control (LCC) is active, you can the following operations from the control bar at the bottom of the screen:

- Press the Left button on the left side of the steering wheel to set the following time and distance to a further setting.
- Press the Right button on the left side of the steering wheel to set the following time and distance to a further setting.

Adjusting the following time and distance under Lane Centering Control (LCC)

When the system is active, you can the following time and distance on an adjustment of settings.

- Press the Right button on the left side of the steering wheel to set the following time and distance to a further setting.
- Press the Left button on the left side of the steering wheel to set the following time and distance to a further setting.

Takeover and Resume

When driving with Lane Centering Control (LCC) active, you can actively take over the vehicle by stepping on the accelerator pedal, and the Steer Assist and Lane Centering Control will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

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Lane Centering Control (LCC)

Lane Centering Control (LCC) provides the function of Steer Assist to keep the vehicle in the lane on the basis of the vehicle speed, curvature, lanes and SVRM to assist vehicles ahead on the driving path, so as to actively control the speed of the vehicle and steering wheel, and provide the function of Lane Centering Control (LCC) to assist the driver in driving and reduce the burden of driving. Lane Centering Control (LCC) will keep the vehicle in the middle of the lane, so as to assist driving and reduce the burden of driving.

Lane Centering Control, as a driving aide function, is unable to achieve such driving capabilities, as the driver shall keep attention to the road and be ready to take over the control of the vehicle at any time.

Lane Centering Control will actively keep the vehicle in the lane when there are clear lane lines on both sides. Special road conditions and lane lighting may affect, or slightly affect, the system's recognition and operation. Subject to the road conditions, Lane Centering Control (LCC) may not be able to recognize the lane lines, and may not be able to provide the function of Lane Centering Control (LCC).

Warning

As a driving aide function, Lane Centering Control cannot handle all situations or all traffic, weather and road conditions.

The system may not recognize traffic and road conditions, and may lead to a non-intuitive or unexpected maneuver. Always pay attention to your surroundings and be prepared to take over at any time.

Vehicles and cars suitable for Lane Centering Control (LCC) are those with clear lane lines.

Warning

Lane Centering Control does not relieve responsibility for maintaining an appropriate distance and speed and completing traffic-control tasks. Drivers are responsible for safe driving.

Warning

The following behaviors are prohibited when driving:

- Driving under the influence
- Using the System in bad weather conditions
- Using the System on a road with a curvature larger than or many protrusions, bicycles, or animals
- Using the system on dirty roads
- Using the system when the lane lines are unclear in the lighting is poor
- Shade of the steering wheel
- Keep off the road

Warning

Lane Centering Control (LCC) is a driver's driving assist that is also for the maximum steering force required is normal. Steering Assistance, the system only provides a maximum force of the steering wheel. The driver's driving the prepared to take over the steering, especially when encountering sudden.

Lane Centering Control (LCC) is a driver's driving assist, the driver's attention and driving or reading mode or reads text shows, the system only can Lane Centering Control or Steer Assistance, the driver's attention, the system.

Enabling/Disabling Lane Centering Control (LCC)

Go to Driving assistance menu to find the option to turn the function of the system ON/OFF, and tap **Driver Assistance** and **Driver Assistance > Lane Centering Control (LCC)** to enable/disable the function.

Turn on Lane Centering by the Settings first, and then Lane Centering Control (LCC) is activated.

- Mobile Assist, Active and Assist Lane Centering Control (LCC).
- Up further, increase or remove the setting speed.
- Lane Centering Control (LCC) is ready.
- LCC button, discover the following dialogue.
- Right button, increase the following distance.

When the operating conditions are met, press the Mobile Assist ( ) button to turn on Lane Centering Control (LCC).

- Lane Centering Control (LCC) is ready to be turned on, the system will provide the function of the current lane, and keep Steer Assist and Lane Centering Control (LCC) to assist the driver in driving.
- If the lane markings on both sides are unclear or the vehicle is in the middle of the current lane, the system will provide Adaptive Cruise Control (ACC) and start monitoring the lane markings, and then activate Steer Assist and Lane Centering Control (LCC).

Lane Centering Control (LCC) is enabled or is about to be ON/OFF, the system will:

- The vehicle speed is lower than 30 KMH, 30 KMH will be set as the setting speed.
- The vehicle speed is higher than 30 KMH but not higher than 180 KMH, the vehicle speed will be set as the setting speed.

When Lane Centering Control activates, Adaptive Cruise Control and auto switching for lane markings: you can choose the accelerator pedal, and the Steer Assist and Lane Centering Control will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

- When there is no vehicle ahead, Lane Centering Control (LCC) will gradually adjust the speed of your vehicle to the setting speed.

When Lane Centering Control activates, Steer Assist, it will actively assist with steering control: however, when there are clear lane lines on both sides, the system will provide the function of Lane Centering Control (LCC) to assist the driver in driving, and the driver shall keep attention to the road and be ready to take over the control of the vehicle at any time.

- When the lane lines are unclear, Lane Centering Control (LCC) is controlling the steering, When Lane Centering Control (LCC) is actively controlling, the accelerator pedal does not invert, When Lane pedal does not, Steer Assist.

Setting Condition for Lane Centering Control (LCC)

- Lane Centering Control (LCC) is enabled.
- Turn signal switch (LCC) is enabled and operating properly with a clear view.
- Accompanied Lane Centering Control (LCC) and Lane Assist.
- The driver cannot be activated when the steering angle of the steering wheel is too large.
- Vehicle speed of safety conditions, such as:
  - The driver hands on the steering wheel.
  - The driver is normal.
  - The driver has fastened the seat belt.
  - All doors are closed.
  - Front vehicle is at a safe position.
  - Front vehicle is at a safe speed.
  - Side lane lines, sensors, control system and vehicle stability control system are engaged.

Adjusting the speed under Lane Centering Control (LCC)

When Lane Centering Control (LCC) is active, you the following operations from the control bar at the bottom of the screen:

- Press the Left button on the left side of the steering wheel to set the following time and distance to a further setting.
- Press the Right button on the left side of the steering wheel to set the following time and distance to a further setting.

Adjusting the following time and distance under Lane Centering Control (LCC)

When the system is active, you the following time and distance on an adjustment of settings.

- Press the Right button on the left side of the steering wheel to set the following time and distance to a further setting.
- Press the Left button on the left side of the steering wheel to set the following time and distance to a further setting.

Takeover and Resume

When driving with Lane Centering Control (LCC) active, you can actively take over the vehicle by stepping on the accelerator pedal, and the Steer Assist and Lane Centering Control will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

- When Lane Centering Control (LCC) is active, Adaptive Cruise Control (ACC) will start monitoring the lane markings, and the Steer Assist and Lane Centering Control will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

When Lane Centering Control (LCC) is active, Adaptive Cruise Control (ACC) will start monitoring the lane markings, and the Steer Assist and Lane Centering Control will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

- When Lane Centering Control (LCC) is active, you can actively take over the vehicle by stepping on the accelerator pedal, and the Steer Assist and Lane Centering Control will adjust the speed of vehicle according to the speed and curvature of the current lane, and keep the vehicle in the middle of the current lane.

Driver Assistance Transmission and Display (DAD)

An intelligent driving vehicle indicator light has been added prior to the end zone vehicle speed for the left side of the dashboard, and the vehicle speed and the vehicle speed of the front and rear vehicles are displayed in the vehicle speed and the vehicle speed of the front and rear vehicles, and the vehicle speed and the vehicle speed and vehicle speed of adjacent driving.

Transmission Control Unit	Vehicle speed	Front vehicle speed	Rear of front vehicle speed
Adjacent Front Center Vehicle	Vehicle speed	Front vehicle speed	Rear of front vehicle speed

Caution

The Driver Assistance transmission display can only be used as a reference and cannot perfectly reflect the real traffic and road conditions. Please pay attention to your surroundings and be prepared to take over at any time.

Caution

When system has time, a clear line, the system will show the lane marks and lane marks, and the system will show the lane marks and lane marks.

Warning

When lane lines are unclear on both sides and your vehicle is following the lead vehicle, you can select either short-range or long-range Driver Assistance Transmission and Display (DAD) to assist the driver in driving.

- When the system detects the lead vehicle ahead, the system will show the lead vehicle and the vehicle speed ahead for a period of time. Driver Assistance Transmission and Display will display "Please keep your hands on the steering wheel" to remind the driver to keep his hands on the steering wheel.
- When the system detects the lead vehicle ahead, the system will show the lead vehicle and the vehicle speed ahead for a period of time. Driver Assistance Transmission and Display will display "Please keep your hands on the steering wheel" to remind the driver to keep his hands on the steering wheel.
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Caution

The Driver Assistance Transmission and Display (DAD) indicates the "Please do a little center, the distance to the vehicle ahead, the vehicle speed ahead, the vehicle speed ahead, the vehicle speed

Adaptive Cruise Control (ACC)

Adaptive Cruise Control (ACC) can be used to cruise your vehicle speed automatically with the speed of the lead vehicle ahead. ACC can be used on highways and other roads with speed limits of 30 km/h (19 mph) or more. Adaptive Cruise Control (ACC) is a convenience system, which automatically control the speed of a vehicle maintaining the following distance set.

Adaptive Cruise Control (ACC) can only be used in sound longitudinal speed and distance. This system includes the data from the front radar sensor, the front camera, the steering angle sensor, the yaw rate sensor, the wheel speed sensor, the brake pressure sensor, the engine control system, the brake control system, the steering control system, the meter system, the navigation system, the front fog light system, the front wiper system, the air bag system, the seat belt system, the door lock system, the hazard warning lamp system, the turn signal lamp system, the meter system, the navigation system, the front fog light system, the front wiper system, the air bag system, the seat belt system, the door lock system, the hazard warning lamp system, the turn signal lamp system.

Adaptive Cruise Control (ACC) is mainly applicable to long distance driving on dry and smooth manufactured straight roads, such as highways, expressways, and long straight roads.

Warning

In a driving such forms, Intelligent Adaptive Cruise Control cannot handle all situations or all traffic, weather and road conditions.

Intelligent Adaptive Cruise Control cannot identify the speed limit on the roadway, or a curve.

Intelligent Adaptive Cruise Control (ACC) is a convenience system, which automatically controls the vehicle on Intelligent Adaptive Cruise Control (ACC) is a safe. The driver's duty is to make sure it is safe to operate the vehicle in the traffic. Intelligent Adaptive Cruise Control (ACC) is a convenience system, which automatically controls the vehicle speed. The driver has the ultimate responsibility for maintaining an appropriate distance and speed and complying with control traffic rules and regulations.

Warning

The following behaviors are prohibited when driving:

- Relying solely on the system
- Using the system in bad weather conditions
- Using the system in an environment where there are many pedestrians, bicycles, or animals
- Using the system on non-manufactured roads, such as rough roads, construction or private roads
- Heavy rain or snow
- Use of the system

Warning

In a driving such forms, Intelligent Adaptive Cruise Control (ACC) cannot handle all situations or all traffic, weather and road conditions.

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- Heavy rain or snow
- Use of the system

Warning

Intelligent Adaptive Cruise Control (ACC) is a convenience system, which automatically controls the vehicle speed. The driver has the ultimate responsibility for maintaining an appropriate distance and speed and complying with control traffic rules and regulations.

Warning

The Intelligent Adaptive Cruise Control (ACC) system may not recognize all situations. If you feel that Intelligent Adaptive Cruise Control (ACC) is not operating as intended, or if you feel that Intelligent Adaptive Cruise Control (ACC) is not operating as intended, you should immediately stop using Intelligent Adaptive Cruise Control (ACC) and contact your dealer.

Warning

- Intelligent Adaptive Cruise Control (ACC) is a convenience system, which automatically controls the vehicle speed. The driver has the ultimate responsibility for maintaining an appropriate distance and speed and complying with control traffic rules and regulations.
- Intelligent Adaptive Cruise Control (ACC) is a convenience system, which automatically controls the vehicle speed. The driver has the ultimate responsibility for maintaining an appropriate distance and speed and complying with control traffic rules and regulations

When Auto High Beams are switched off, the driver is responsible for when to use high beams manually. Remaining the driver responsible for the use of high beams ensures that the driver is in control of the vehicle at all times.

Warning

- Do is driving with Intuitive Auto High Beams current handle all situations of all traffic, weather and road conditions.
- Always use the high and low beams in compliance with applicable traffic and road conditions and ensure that other road users are not dazzled by the high beams. Failure to do so may result in an accident with serious injuries.
- The driver should always bear the ultimate responsibility for driving safely in compliance with applicable traffic, safety laws and regulations.

Enable/Disable the Auto High Beams (AHB)

The Settings screen from the control list at the bottom of the screen displays, and tap **Lights > Headlights**. Select Lights and Auto Intuitive Headlights.

To turn the Settings screen from the control list at the bottom of the screen displays, and tap **Lights > Auto High Beam**. Select Lights and Auto High Beam.

When the Auto High Beams (AHB) are enabled:

Find the light control lever forward to activate the Auto High Beams (AHB) function.

Find the light control lever forward to activate high beams manually in the middle position of the lever.

When the Auto High Beams (AHB) are disabled:

Find the light control lever forward to activate the high beams manually.

Find the light control lever forward to pull it back to return to the off the high beam headlights.

Automatic headlights will be switched off when the high beams are switched by the following situations:

- Ahead of the vehicle light
- Front the oncoming vehicle head
- Front a vehicle ahead
- The vehicle is not in movement speed
- The light system are on.

Only means that switch the headlights will be responsible to the Auto High Beam (AHB). The engine below will not switch the headlights in the following situations:

- Pedestrians
- Cyclists including but not limited to bicycles, motorcycles, electric bikes, mopeds, etc.)
- Other vehicles objects

Warning

The driver remains the ultimate responsible for driving safely in compliance with applicable traffic and road conditions and ensure that other road users are not dazzled by the high beams.

Caution

It is not recommended to use the Intuitive in the event of extremely severe weather (which includes but is not limited to, rain, snow, fog, mist, etc.).

The sensor is sensitive to the severe weather and conditions that may affect the proper operation of the Auto High Beams (AHB) function. Do not use the Auto High Beams (AHB) function in the event of the following: Do not use the Auto High Beams (AHB) function in the event of the following: Do not use the Auto High Beams (AHB) function in the event of the following:

Warning

When an electronic control unit (ECU) or other electronic components are installed in a vehicle, improper installation, improper use, or improper operation may cause electromagnetic interference to other electronic devices in the surrounding area, which may result in serious personal injury or even death. Please read the following carefully before installation and use:

- Electronic devices such as pacemakers, hearing aids, and implantable medical devices have electromagnetic interference shielding capabilities, but this shielding capability may be affected by electromagnetic interference from external sources. It is recommended that people with implanted medical devices maintain a minimum distance of at least 30 cm from the electronic control unit (ECU) and its wiring harness during installation and use. If you feel any discomfort, immediately stop using the product and consult your medical professional for advice.
- Do not place the electronic control unit (ECU) in a high-temperature environment, near a heat source, or in a high-humidity environment. Ensure the electronic control unit (ECU) is installed securely and firmly to prevent loosening or falling off due to vibration, which could cause a short circuit or other electrical hazards.
- Do not modify the electronic control unit (ECU) or its wiring harness without authorization. Unauthorized modifications may affect the product's performance and safety, and may also violate relevant laws and regulations.
- Ensure the electronic control unit (ECU) is properly grounded to avoid electromagnetic interference or electrical hazards caused by poor grounding.
- Regularly check the electronic control unit (ECU) and its wiring harness for signs of damage or aging. If any issues are found, immediately stop using the product and replace it with a new one.
- Do not use the electronic control unit (ECU) in environments with strong electromagnetic interference (such as near high-voltage power lines, radio towers, or large electrical equipment) unless it has been tested and confirmed to be safe.
- Children, the elderly, and people with poor health should not operate the electronic control unit (ECU) or its wiring harness. If you feel any discomfort during use, immediately stop using the product and seek medical advice.

Caution

- Before installation, ensure the electronic control unit (ECU) is compatible with your vehicle's electrical system to avoid damage to the ECU or other electronic components caused by voltage mismatch.
- Follow the installation instructions provided in the manual strictly. Do not disassemble the electronic control unit (ECU) or its wiring harness without authorization, as this may affect its performance and safety.
- Regularly check the electronic control unit (ECU) and its wiring harness for signs of damage or aging. If any issues are found, immediately stop using the product and replace it with a new one.
- Do not use the electronic control unit (ECU) in environments with strong electromagnetic interference (such as near high-voltage power lines, radio towers, or large electrical equipment) unless it has been tested and confirmed to be safe.
- Children, the elderly, and people with poor health should not operate the electronic control unit (ECU) or its wiring harness. If you feel any discomfort during use, immediately stop using the product and seek medical advice.

Vehicle Health Status

Please check the vehicle's status regularly to ensure it is in the best condition. You can use **Bluetooth + Bluetooth** in the center interface to connect to the OBD port of the vehicle, and then use the **Vehicle Health Status** function to view the vehicle's real-time health status.

- **Fuel Consumption**: You can check the consumption of the current trip by **RLY-TV + Consumption** and view the trip in **Road Statistics**.

Maintenance Instructions

To ensure that the vehicle can operate normally and bring a good driving and riding experience, you need to conduct regular maintenance.

In half the complexity of vehicle systems and the after-sales service requirements for vehicles, it is recommended to maintain your car every 5,000 kilometers or 3 months, whichever first. If you have any questions about the vehicle's maintenance, please contact RMT-Car.

Routine Maintenance

Routine maintenance is very important for ensuring your vehicle's smooth performance, reducing wear and of vehicle usage, and extending its lifespan. It is recommended that you perform regular maintenance according to the following requirements.

Daily Maintenance

- Check the tire pressure and tread depth to ensure safe driving. Maintain tire pressure between 2.2 bar and 2.5 bar (32 psi and 36 psi) for optimal performance.
- Check the battery voltage to ensure it is within the normal range, to avoid starting failures.
- Check the brake fluid level to ensure it is within the normal range, to ensure braking performance.
- Check the brake pads for wear and damage.
- Check if there are abnormal noises, leaks, or warning messages in the instrument cluster and center interface.
- Check the tire pressure and check the tire for damage and abnormal wear.
- Check the vehicle's exterior for damage, scratches, or paint issues, which may affect corrosion prevention caused by debris/pollution in the air conditioning system is normal.
- Check the lights, wipers, and air conditioner filter for abnormal sounds such as foreign or impure from the bottom of your vehicle.
- Check your vehicle body for any dirt, such as bird droppings, resin, sap/pollen, and tar, which can damage the paint and affect the appearance. Clean the vehicle promptly and avoid prolonged exposure to direct sunlight. Use a professional Nanoscale Ceramic Coating for protection.
- Check for any dirt in the wheel LED/HID lamp, high-beam/low-beam, turn and DRL/parking/fog/turn signal lamps. If there is dirt, clean it with a soft cloth or cotton swab to ensure the lamps are clean and bright.
- Regularly check the battery according to the manufacturer's recommendations to ensure its performance and lifespan.

Regular Maintenance

When driving in normal driving conditions, please go to the MG Service Center for vehicle maintenance according to the following mileage and time requirements:

- Gasoline: Replace every 200,000 kilometers.
- Brake Fluid: Replace every 2 years.
- Coolant: Check the coolant at the factory for the first year or at 100,000 kilometers (whichever comes first), and replace it every 3 years.

If the coolant is not replaced, check the coolant every 2 years or 40,000 kilometers (whichever comes first) and replace it if necessary. If the coolant is replaced, check the new coolant in the 1st year or 100,000 kilometers (whichever comes first) and replace it every 3 years.

When your vehicle is used in extremely cold climate (−35 °C/−31 °F/colder), check the coolant and replace if necessary.

- Brake pads: At the factory or the 1st year or 100,000 kilometers (whichever comes first), check your brake pads for wear and replace them if necessary.

If the brake pads are not replaced, check the brake pads every 2 years or 40,000 kilometers (whichever comes first) and replace them if necessary. If the brake pads are replaced, check the new brake pads for wear in the 1st year or 100,000 kilometers (whichever comes first) and replace them every 3 years.

- Brake discs: At the factory, check your brake discs for wear and replace them if necessary in the 1st year or 100,000 kilometers (whichever comes first).

If the brake discs are not replaced, check the brake discs every 2 years or 40,000 kilometers (whichever comes first) and replace them if necessary. If the brake discs are replaced, check the new brake discs for wear in the 1st year or 100,000 kilometers (whichever comes first) and replace them every 3 years.

Note:

The above "other necessary" refers to where tire rotation, brake pad wear, and the replacement of MG technical standards.

Irregular Maintenance

It is recommended to go to the MG Service Center for the following maintenance when needed based on the conditions of your vehicle and its usage environment:

- Check the tire pressure and tire wear, and replace them if necessary.
- Check the tire rotation according to the principle of the current display of your vehicle and replace if necessary.
- Replace the CN battery according to the prompts on the center display of your vehicle.

Note:

The above "other necessary" refers to where tire rotation is not the requirements of MG technical standards.

Special Maintenance

If your vehicle is frequently driven in the following harsh environments, additional maintenance items or shorter maintenance intervals may be required. For specifics, please contact the MG Service Center.

- Driving in dusty or sandy environments.
- Driving in humid and salty air (Note: 20 °C/68 °F and humidity exceeds 75 °C/167 °F).
- Driving in humid environments (Frequently trading in water).
- Driving on coastal and high-altitude roads or mountain roads.
- Frequent braking or driving in stop-and-go situations.
- Often used for special purposes such as taxis or rentals.
- Refrigerated or modified for special purposes.

Front Wiper Blade Replacement

The front wiper's rubber strips and metal frame form the windshield's front and rear windshield washer fluid. After cleaned the windshield, the rubber strips will gradually wear and become brittle or have visible water marks, which is not effective. If it is time to replace the wiper blade, please follow the instructions below to replace the wiper blade.

The procedure to replace the front wiper blades is as follows:

1. Open Settings from the bottom of the center display, and tap **Settings > Service Position** to move the front wiper to the service position.
2. When the front wiper moves to the replacement position, then, you lift the lever on Wiper and hold the lock button on the wiper body. Then, pull out the blade from perpendicular to the wiper arm to remove the wiper blade.

3. Install the new wiper blade and press it click sound to confirm that the front wiper blade is securely installed.

Windshield Washer Fluid Refill

Warning

- To avoid windshield washer fluid, spare the hood. If necessary, please contact the MG Service Center for assistance, and ensure the hood is properly secured before operating the windshield washer fluid refill.
- Windshield washer fluid is flammable and irritating. When using it, please avoid open flames or in contact with body parts.
- Windshield washer fluid may damage your vehicle's light cover. Please prevent the windshield washer fluid from contacting the vehicle's light cover.
- Do not add coolant to the windshield washer fluid. Otherwise, it may damage the windshield washer system and affect visibility.

Windshield washer fluid is used to maintain good visibility through the windshield. The procedure to refill the windshield washer fluid is as follows:

1. Pull the hood handle to open the hood.

2. Lift the hood.

3. Open the windshield washer fluid reservoir cap and refill an appropriate amount of washer fluid.

Caution

When topping up the windshield washer fluid, please fill the reservoir carefully to avoid spilling and wipe up any spilled fluid.

After refilling the fluid, tighten the cap. When closing the hood, hold the hood with your hands and lower it to an appropriate angle. Then, push the hood down firmly until it is completely closed.

Caution

- Do not close the hood forcefully or allow it to fall freely.
- Please fill genuine windshield washer fluid. Using other fluids may damage components. Do not mix different brands of windshield washer fluid to avoid chemical reactions.
- When using concentrated windshield washer fluid, please follow the manufacturer's instructions to dilute it with appropriate water.
- Do not add water to the fluid in your windshield washer fluid, as it may cause the washer fluid to freeze and damage the pump and other components in the winter or cold weather.
- Do not use the windshield washer fluid in the winter or cold weather. Please replace it with the winter or general-purpose Nano Hydrophobic Coating and regularly check and change the washer fluid promptly.
- Do not add detergent or other additives to the windshield washer fluid, as detergent may damage the rubber strips of the wiper blade and affect visibility. Please use only the specified washer fluid.

Coolant Refill

Warning

To avoid the risk of high-voltage electric shock when opening the hood, please contact MG to top up the vehicle's coolant.

The coolant affects the vehicle power system to operate within an appropriate temperature range. The procedure to refill the coolant is as follows:

1. Pull the hood handle to open the hood.

2. Lift the hood.

3. Open the coolant cap and add an appropriate amount of coolant (where the MIN and below the MAX scale).

4. Close the coolant cap tightly. When closing the hood, hold the hood with your hands and lower it to an appropriate angle. Then, push the hood down firmly until it is completely closed.

Caution

Do not close or drop the hood.

Brake Fluid Refill

Warning

To avoid the risk of high-voltage electric shock when opening the hood, please contact MG to top up the vehicle's brake fluid.

Brake fluid is the medium for transmitting brake pressure and ensuring the hydraulic brake system. The procedure to refill brake fluid is as follows:

1. Pull the hood handle to open the hood.

2. Lift the hood.

3. Open the brake fluid cap and add an appropriate amount of brake fluid (above the MIN and below the MAX scale).

4. Close the brake fluid cap tightly. When closing the hood, hold the hood with your hands and lower it to an appropriate angle. Then, push the hood down firmly until it is completely closed.

Caution

Do not close or drop the hood.

Tire Inspection and Maintenance

Tire are often in a damaged, worn state, or incorrectly inflated from. For driving safety, please check the tires on a regular basis.

Tires are also frequently in damage (puncture, cut, tear, and bulge), and uneven foreign matter embedded in the tire.

A common cause of tire damage is the tire pressure, or if a foreign object has been embedded in the tire. Regular or frequent tire pressure checks are the best way to prevent tire damage. If you find a foreign object in the tire, remove it. If you observe that the tires are damaged, slow down immediately when avoiding heavy braking or sudden steering. Stop immediately when it is safe to do so. Do not drive the vehicle if the tire is severely damaged or deflated.

- If the tire wears sharp or uneven, please replace it as soon as possible.
- Keep the tires away from oil, grease or fuel.
- Always ensure vehicle is cool, tire and rims. Inspection tires that are not cold may be inaccurate.
- Do not remove uneven tires or pads a vehicle with uneven tires is unstable temperatures below −17 °C.

Tire pressure affects the performance and lifespan of the tire. Maintaining the tire pressure within the recommended range is critical to ensure safe driving and extend the service life of the tires.

- When pressing a cold or similar increase of road, keep the vehicle perpendicular to the cold or stuck or parallel, or the tire pressure.
- Inspection of tire wear patterns and/or damage, such as tread, sidewall, and rims, and/or unusual vibration or noise. Tire wear patterns can indicate tire pressure, alignment, or other mechanical issues.
- Timing tire first, even acceleration and hard braking will increase tire wear.
- When pressing through mud, pebbles, sand, frozen or obstacles, please slow down and pass gently.
- Note wear, after they are replaced, must undergo a dynamic balance check.
- If the vehicle consistently requires a large increase, please contact the MG Service Center to check the vehicle's wheel alignment and suspension system.
- If the tire wear faster have less than the front tires, then swap the front and rear tires as needed. It is recommended to swap the front and rear tires every 10,000 km.

For safety reasons, tires must be replaced if they show the following:

- Damage such as cuts, gashes, and cracks exposes the tire's internal structure. Any damage that reaches cords, fabric, or layers must be replaced.
- Frequently flats, or repeatedly damage due to the tire or location of the tire.
- Punctures, bulges and damage to the sidewalls.
- Deformation or extrusion of tires caused by long-term parking.

Contact your nearest, please consult the MG Service Center.

Caution

If tire wear is uneven, we recommend that you contact MG Service Center for tire checks/for dynamic balancing.

In order to reduce tire wear and improve the service life of the tire, the tire should be used according to a cycle driving and rotation mode, as shown in the diagram below.

- Note wear are the tire are pointed during the MG Service Maintenance. Running on a resistance speed and with a small driving cycle will prolong the service life of the tires.
- When pressing a cold or similar increase of road, keep the vehicle perpendicular to the cold or stuck or parallel, or the tire pressure.
- Inspection of tire wear patterns and/or damage, such as tread, sidewall, and rims, and/or unusual vibration or noise. Tire wear patterns can indicate tire pressure, alignment, or other mechanical issues.
- Timing tire first, even acceleration and hard braking will increase tire wear.
- When pressing through mud, pebbles, sand, frozen or obstacles, please slow down and pass gently.
- Note wear, after they are replaced, must undergo a dynamic balance check.
- If the vehicle consistently requires a large increase, please contact the MG Service Center to check the vehicle's wheel alignment and suspension system.
- If the tire wear faster have less than the front tires, then swap the front and rear tires as needed. It is recommended to swap the front and rear tires every 10,000 km.

Brake Pad and Disc Inspection and Maintenance

Please replace the brake pads promptly when driving on a rainy day or in a wet, and never crystal-made so that the heat generated by friction inside the brake pad. Inside and rust. The brake pad wear indicator is an automatic feedback system that alerts you to the need for brake pad replacement.

After long-term vehicle shutdown, the brake discs and drum in contact and rusting may be affected, causing the brake pads to stick to the brake discs.

Because the wear condition of brake pads and brake discs depends largely on your driving style and service conditions, it is impossible to determine the wear condition in terms of mileage or time.

The brake pad thickness sensing system is used to achieve comprehensive and reliable braking effects in various vehicle operating conditions. The brake pad wear sensor is a key component of the brake pad thickness sensing system.

- Brake pad wear sensor: Located on the brake pad, it ensures that the brake pad wear sensor is in the front MG Service Driving. Operating in parallel, you need to dispose the brake pedal harder to compensate for the reduced braking effect.
- Brake pad wear indicator: Located on the brake pad, it indicates the wear condition of the brake pad.

Driving and Parking Brake Inspection and Maintenance Brake Discs: Note wear, after they are replaced.

- After your vehicle is parked for a long time, it can stand for the first time of the day.
- After a long-term, the vehicle is washed, the moisture on the brake discs and drum may affect the braking effect. Please gently press the brake pedal to remove the moisture.
- When a new vehicle is used, it can speed up the running-in of the brake friction discs.

After the new and worn brake discs and drum are replaced, the brake friction surface is rough, the brake is used when braking, it is best to speed up the friction between the brake discs and the brake pad, so it is recommended to use the brake pedal to slow down the vehicle when it is in motion, so that the friction between the brake discs and the brake pad can be worn and smooth.

When you crash between discs and brake, the wear and moisture caused by humm of the brake discs, it automatically cleaned out.

Air Filter Inspection and Maintenance

After replacing the air filter, go to the Comfort settings interface from the bottom of the center display, and tap **Air Filter Life** to reset the lifespan. It is recommended to replace the air filter every 12 months or 20,000 km. Regular replacement can effectively improve the air circulation and odor control. Replace it when needed.

Make sure to keep the grille clean of the air conditioner (out of any obstruction (such as leaves) and snow/ice).

12V Battery Maintenance

The 12V battery is mainly used to supply the 12V power needed for the starting and electrical equipment of the vehicle. It is located under the hood. To extend the service life of the 12V battery, please keep a sufficient battery level.

Warning

- When working on or near the 12V battery, always connect MRT immediately. If the electrolyte comes in contact with your skin or clothes, immediately rinse the affected area with abundant water and seek medical assistance immediately.

Caution

- If the 12V battery is severely drained (e.g. having been left unused for a long time), please connect MG for assistance with charging or replacement.
- Avoid leaving the vehicle unused, please ensure that all electronic systems, such as lights and audio, are turned off and remove the vehicle's key to avoid idle power.

Caution

After the 12V battery is disconnected and reconnected, the automatic lifting and pitch functions of the windows will be temporarily unavailable.

High-voltage Battery Maintenance and Recycling

High-voltage Battery Maintenance

The high-voltage battery is an important part of the vehicle. Please pay attention to the following precautions when using it:

- Keeping the vehicle in an environment with an ambient temperature of −20 °C to 45 °C (−4 °F to 113 °F) as much as possible. Avoid prolonged exposure to extreme high temperatures or low temperatures.
- Do not pierce the vehicle or a place with high temperatures or a heat source to avoid accidental fire.
- The vehicle should be parked in a flat place. Try to avoid parking on a slope or in a rough parking spaces.
- Do not disassemble and cut or in any shape. Any high-voltage equipment, not exceeding the battery base plates (when the vehicle is moving, or in any cases) damage to the high-voltage components of the vehicle.
- Avoid frequent or full-speed power 20% than charging to charge vehicle, as it will affect the service life of the high-voltage battery.
- If the vehicle will be parked for a long time, ensure that the battery level of the high-voltage battery is 50% and charge it every 3 months to prevent damage to the battery caused by excessive discharge. Regularly check the status of the high-voltage battery. It is recommended to check the battery level every 1 week and ensure the vehicle is not overcharged.
- Always follow the manufacturer's instructions and a charging device compatible with the high-voltage battery when charge the vehicle.
- Do not use the vehicle in extreme high-speed, frequent, or prolonging disturbance, please drive slowly so as to avoid the abnormal vibration of the high-voltage battery. If the vehicle is used in a harsh environment, please contact MG Service Center immediately for safety inspection of damage and high-voltage battery.

Warning

- The high-voltage battery operates at high voltage. Do not touch, move, or disassemble the high-voltage battery or its components without authorization. Doing so may cause serious injury.
- Please do not in charge the vehicle when it is being used. Please ensure the charging plug is not in. Strong Wet hands, or in a wet environment, to avoid electric shock. Please contact MG Service Center immediately for safety inspection of damage and high-voltage battery.

Warning

- The high-voltage battery operates at high voltage. Do not touch, move, or disassemble the high-voltage battery or its components without authorization. Doing so may cause serious injury.
- Please do not in charge the vehicle when it is being used. Please ensure the charging plug is not in. Strong Wet hands, or in a wet environment, to avoid electric shock. Please contact MG Service Center immediately for safety inspection of damage and high-voltage battery.

Recycling of High-voltage Battery

Waste high-voltage batteries need to be properly recycled. In the process of vehicle maintenance, the high-voltage battery must be disassembled and recycled by professional MG Service Center.

- During the disassembling of high-voltage battery in MG Service Center, it is necessary to ensure that the high-voltage battery that shall be recycled according to the provisions of relevant laws and regulations. MG shall ensure the safe and environmentally friendly recycling of high-voltage batteries in accordance with the law.
- To reduce environmental pollution, it is recommended that vehicle owners return the high-voltage battery to a good condition, so that it can be recycled and reused in accordance with the law.
- If a battery has a major flaw or damage, and cannot be put into disassembled use, it will enter the recycling process.

Caution

Do not casually dispose of the high-voltage battery, as it can cause severe environmental damage.

Please follow the relevant laws and regulations when recycling high-voltage batteries. Please contact the disposal company or recycling company that is qualified to handle it, so that you can ensure the environmental damage. Please see the right for more details.

This symbol on the battery means that this product must not be treated as household waste.

Please ensure that it is delivered to an appropriate collection point for recycling, which helps recycling agency designated by MG with professional recycling and environmental protection.

Fuse Box under the Hood

Caution

Do not use your car's armrest cover to open. Buy the steel corner. Only unlock the fuse box with a key of the same specification.

No.	Equipment designated	Fuse	Description
SB01	30 A 12Vdc	Fuse	Cooling fan assembly, HLCF power supply
SB02	30 A 12Vdc	Fuse	Electric vacuum assistant, Intercooler, Electric cooling pump
SB03	30 A 12Vdc	Fuse	Spare
SB04	30 A 12Vdc	Fuse	Spare
SB05	30 A 12Vdc	Fuse	Electric power steering, Electric vacuum pump, Electric cooling pump
SB06	30 A 12Vdc	Fuse	Spare
SB07	30 A 12Vdc	Fuse	Spare
SB08	30 A 12Vdc	Fuse	Electronic water pump, Fuse assist, BCM power
SB09	30 A 12Vdc	Fuse	Spare
SB10	30 A 12Vdc	Fuse	Left headlamp, Left parking lamp
SB11	30 A 12Vdc	Fuse	Left fog lamp, Left power supply
SB12	30 A 12Vdc	Fuse	Spare
SB13	30 A 12Vdc	Fuse	Right headlamp, Right parking lamp
SB14	30 A 12Vdc	Fuse	Right fog lamp, Right power supply
SB15	30 A 12Vdc	Fuse	Spare
SB16	30 A 12Vdc	Fuse	Spare
SB17	30 A 12Vdc	Fuse	Spare
SB18	30 A 12Vdc	Fuse	Spare
SB19	30 A 12Vdc	Fuse	Spare
SB20	30 A 12Vdc	Fuse	Spare
SB21	30 A 12Vdc	Fuse	Spare
SB22	30 A 12Vdc	Fuse	Spare
SB23	30 A 12Vdc	Fuse	Spare
SB24	30 A 12Vdc	Fuse	Spare
SB25	30 A 12Vdc	Fuse	Spare
SB26	30 A 12Vdc	Fuse	Spare
SB27	30 A 12Vdc	Fuse	Spare
SB28	30 A 12Vdc	Fuse	Spare
SB29	30 A 12Vdc	Fuse	Spare
SB30	30 A 12Vdc	Fuse	Spare
SB31	30 A 12Vdc	Fuse	Spare
SB32	30 A 12Vdc	Fuse	Spare
SB33	30 A 12Vdc	Fuse	Spare
SB34	30 A 12Vdc	Fuse	Spare
SB35	30 A 12Vdc	Fuse	Spare
SB36	30 A 12Vdc	Fuse	Spare
SB37	30 A 12Vdc	Fuse	Spare
SB38	30 A 12Vdc	Fuse	Spare
SB39	30 A 12Vdc	Fuse	Spare
SB40	30 A 12Vdc	Fuse	Spare
SB41	30 A 12Vdc	Fuse	Spare
SB42	30 A 12Vdc	Fuse	Spare
SB43	30 A 12Vdc	Fuse	Spare
SB44	30 A 12Vdc	Fuse	Spare
SB45	30 A 12Vdc	Fuse	Spare
SB46	30 A 12Vdc	Fuse	Spare
SB47	30 A 12Vdc	Fuse	Spare
SB48	30 A 12Vdc	Fuse	Spare
SB49	30 A 12Vdc	Fuse	Spare
SB50	30 A 12Vdc	Fuse	Spare
SB51	30 A 12Vdc	Fuse	Spare
SB52	30 A 12Vdc	Fuse	Spare
SB53	30 A 12Vdc	Fuse	Spare
SB54	30 A 12Vdc	Fuse	Spare
SB55	30 A 12Vdc	Fuse	Spare
SB56	30 A 12Vdc	Fuse	Spare
SB57	30 A 12Vdc	Fuse	Spare
SB58	30 A 12Vdc	Fuse	Spare
SB59	30 A 12Vdc	Fuse	Spare
SB60	30 A 12Vdc	Fuse	Spare
SB61	30 A 12Vdc	Fuse	Spare
SB62	30 A 12Vdc	Fuse	Spare
SB63	30 A 12Vdc	Fuse	Spare
SB64	30 A 12Vdc	Fuse	Spare
SB65	30 A 12Vdc	Fuse	Spare
SB66	30 A 12Vdc	Fuse	Spare
SB67	30 A 12Vdc	Fuse	Spare
SB68	30 A 12Vdc	Fuse	Spare
SB69	30 A 12Vdc	Fuse	Spare
SB70	30 A 12Vdc	Fuse	Spare
SB71	30 A 12Vdc	Fuse	Spare
SB72	30 A 12Vdc	Fuse	Spare
SB73	30 A 12Vdc	Fuse	Spare
SB74	30 A 12Vdc	Fuse	Spare
SB75	30 A 12Vdc	Fuse	Spare
SB76	30 A 12Vdc	Fuse	Spare
SB77	30 A 12Vdc	Fuse	Spare
SB78	30 A 12Vdc	Fuse	Spare
SB79	30 A 12Vdc	Fuse	Spare
SB80	30 A 12Vdc	Fuse	Spare
SB81	30 A 12Vdc	Fuse	Spare
SB82	30 A 12Vdc	Fuse	Spare
SB83	30 A 12Vdc	Fuse	Spare
SB84	30 A 12Vdc	Fuse	Spare
SB85	30 A 12Vdc	Fuse	Spare
SB86	30 A 12Vdc	Fuse	Spare
SB87	30 A 12Vdc	Fuse	Spare
SB88	30 A 12Vdc	Fuse	Spare
SB89	30 A 12Vdc	Fuse	Spare
SB90	30 A 12Vdc	Fuse	Spare
SB91	30 A 12Vdc	Fuse	Spare
SB92	30 A 12Vdc	Fuse	Spare
SB93	30 A 12Vdc	Fuse	Spare
SB94	30 A 12Vdc	Fuse	Spare
SB95	30 A 12Vdc	Fuse	Spare
SB96	30 A 12Vdc	Fuse	Spare
SB97	30 A 12Vdc	Fuse	Spare
SB98	30 A 12Vdc	Fuse	Spare
SB99	30 A 12Vdc	Fuse	Spare
SB100	30 A 12Vdc	Fuse	Spare
SB101	30 A 12Vdc	Fuse	Spare
SB102	30 A 12Vdc	Fuse	Spare
SB103	30 A 12Vdc	Fuse	Spare
SB104	30 A 12Vdc	Fuse	Spare
SB105	30 A 12Vdc	Fuse	Spare
SB106	30 A 12Vdc	Fuse	Spare
SB107	30 A 12Vdc	Fuse	Spare
SB108	30 A 12Vdc	Fuse	Spare
SB109	30 A 12Vdc	Fuse	Spare
SB110	30 A 12Vdc	Fuse	Spare
SB111	30 A 12Vdc	Fuse	Spare
SB112	30 A 12Vdc	Fuse	Spare
SB113	30 A 12Vdc	Fuse	Spare
SB114	30 A 12Vdc	Fuse	Spare
SB115	30 A 12Vdc	Fuse	Spare
SB116	30 A 12Vdc	Fuse	Spare
SB117	30 A 12Vdc	Fuse	Spare
SB118	30 A 12Vdc	Fuse	Spare
SB119	30 A 12Vdc	Fuse	Spare
SB120	30 A 12Vdc	Fuse	Spare
SB121	30 A 12Vdc	Fuse	Spare
SB122	30 A 12Vdc	Fuse	Spare
SB123	30 A 12Vdc	Fuse	Spare
SB124	30 A 12Vdc	Fuse	Spare
SB125	30 A 12Vdc	Fuse	Spare
SB126	30 A 12Vdc	Fuse	Spare
SB127	30 A 12Vdc	Fuse	Spare
SB128	30 A 12Vdc	Fuse	Spare
SB129	30 A 12Vdc	Fuse	Spare
SB130	30 A 12Vdc	Fuse	Spare
SB131	30 A 12Vdc	Fuse	Spare
SB132	30 A 12Vdc	Fuse	Spare
SB133	30 A 12Vdc	Fuse	Spare
SB134	30 A 12Vdc	Fuse	Spare
SB135	30 A 12Vdc	Fuse	Spare
SB136	30 A 12Vdc	Fuse	Spare
SB137	30 A 12Vdc	Fuse	Spare
SB138	30 A 12Vdc	Fuse	Spare
SB139	30 A 12Vdc	Fuse	Spare
SB140	30 A 12Vdc	Fuse	Spare
SB141	30 A 12Vdc	Fuse	Spare
SB142	30 A 12Vdc	Fuse	Spare
SB143	30 A 12Vdc	Fuse	Spare
SB144	30 A 12Vdc	Fuse	Spare
SB145	30 A 12Vdc	Fuse	Spare
SB146	30 A 12Vdc	Fuse	Spare
SB147	30 A 12Vdc	Fuse	Spare
SB148	30 A 12Vdc	Fuse	Spare
SB149	30 A 12Vdc	Fuse	Spare
SB150	30 A 12Vdc	Fuse	Spare
SB151	30 A 12Vdc	Fuse	Spare
SB152	30 A 12Vdc	Fuse	Spare
SB153	30 A 12Vdc	Fuse	Spare
SB154	30 A 12Vdc	Fuse	Spare
SB155	30 A 12Vdc	Fuse	Spare
SB156	30 A 12Vdc	Fuse	Spare
SB157	30 A 12Vdc	Fuse	Spare
SB158	30 A 12Vdc	Fuse	Spare
SB159	30 A 12Vdc	Fuse	Spare
SB160	30 A 12Vdc	Fuse	Spare
SB161	30 A 12Vdc	Fuse	Spare
SB162	30 A 12Vdc	Fuse	Spare
SB163	30 A 12Vdc	Fuse	Spare
SB164	30 A 12Vdc	Fuse	Spare
SB165	30 A 12Vdc	Fuse	Spare
SB166	30 A 12Vdc	Fuse	Spare
SB167	30 A 12Vdc	Fuse	Spare
SB168	30 A 12Vdc	Fuse	Spare
SB169	30 A 12Vdc	Fuse	Spare
SB170	30 A 12Vdc	Fuse	Spare
SB171	30 A 12Vdc	Fuse	Spare
SB172	30 A 12Vdc	Fuse	Spare
SB173	30 A 12Vdc	Fuse	Spare
SB174	30 A 12Vdc	Fuse	Spare
SB175	30 A 12Vdc	Fuse	Spare
SB176	30 A 12Vdc	Fuse	Spare
SB177	30 A 12Vdc	Fuse	Spare
SB178	30 A 12Vdc	Fuse	Spare
SB179	30 A 12Vdc	Fuse	Spare
SB180	30 A 12Vdc	Fuse	Spare
SB181	30 A 12Vdc	Fuse	Spare
SB182	30 A 12Vdc	Fuse	Spare
SB183	30 A 12Vdc	Fuse	Spare
SB184	30 A 12Vdc	Fuse	Spare
SB185	30 A 12Vdc	Fuse	Spare
SB186	30 A 12Vdc	Fuse	Spare
SB187	30 A 12Vdc	Fuse	Spare
SB188	30 A 12Vdc	Fuse	Spare
SB189	30 A 12Vdc	Fuse	Spare
SB190	30 A 12Vdc	Fuse	Spare
SB191	30 A 12Vdc	Fuse	Spare
SB192	30 A 12Vdc	Fuse	Spare
SB193	30 A 12Vdc	Fuse	Spare
SB194	30 A 12Vdc	Fuse	Spare
SB195	30 A 12Vdc	Fuse	Spare
SB196	30 A 12Vdc	Fuse	Spare
SB197	30 A 12Vdc	Fuse	Spare
SB198	30 A 12Vdc	Fuse	Spare
SB199	30 A 12Vdc	Fuse	Spare
SB200	30 A 12Vdc	Fuse	Spare

2006	2006 Gas	2006 Gas	2006 Gas, 4-door pickup, engine
2007	2007 Gas	2007 Gas	2007 Gas, 4-door pickup
2008	2008 Gas	2008 Gas	2008 Gas, 4-door pickup, engine
2009	2009 Gas	NA	Economy 4WD model, 4WD, power supply
2010	2010 Gas	NA	Economy 4WD model, 4WD, power supply
2011	2011 Gas	2011 Gas	2011 Gas, 4-door pickup, engine, 4WD, power supply
2012	2012 Gas	NA	Economy 4WD model, 4WD, power supply
2013	2013 Gas	2013 Gas	2013 Gas, 4-door pickup, 4WD, power supply
2014	2014 Gas	2014 Gas	Diesel
2015	2015 Gas	2015 Gas	Diesel
2016	2016 Gas	NA	Rear-mounted 4WD power supply
2017	2017 Gas	NA	Rear-mounted 4WD power supply
2018	2018 Gas	2018 Gas	2018 Gas, 4-door pickup, 4WD, power supply
2019	2019 Gas	2019 Gas	2019 Gas, 4-door pickup, 4WD, power supply
2020	2020 Gas	2020 Gas	2020 Gas, 4-door pickup, 4WD, power supply
2021	2021 Gas	2021 Gas	2021 Gas, 4-door pickup, 4WD, power supply
2022	2022 Gas	2022 Gas	Diesel
2023	2023 Gas	2023 Gas	Diesel

Instrument Panel Fuse Box

Caution:

Do not use fuses with a rated current higher than the rated current. Only replace the blown fuse with a fuse of the same rated current.

No.	Rated value	Rated value	Description
1F1	10A(Gas)	10A	Electronic stability control system, Electronic power steering system, Electronic parking brake system, Electronic suspension control system, Electronic shock absorber control system
2F1	10A(Gas)	10A	Power supply
3F1	10A(Gas)	10A	Power supply
4F1	10A(Gas)	10A	Power supply
5F1	10A(Gas)	10A	Power supply

3	High voltage lamp (optional)		If equipped, it is used for long-term high voltage lamp (optional)
4	High voltage cable		Connect to the long-term high voltage lamp (optional)
5	High voltage cable warning tape		Warning tape for the high voltage connection cable (optional)
6	Manual compatibility interface (optional)		Manual compatibility interface is used, not connecting the car or limited to the car's running gear. It can be used for the car's low-voltage power supply and signal test. The interface can only work if the car's low-voltage power supply is normal (starting and either C, D, or E is connected). The interface can be defined as follows: • C, D, + 30W • B, GD 30 to GND • E, GD 30W to GND

Vehicle Identification Number (VIN)

The vehicle identification number (VIN) is stamped on the front under the front passenger seat.

You can also find the VIN in the following locations:

1. Certificate of the car
2. Left side of the front of the front driving motor
3. Left side of the instrument panel front
4. Lower left area of the front windshield
5. Lower area of the right door pillar
6. Lower area of the right rear door frame
7. Upper area on the end of the rear motor
8. Upper side of the rear floor
9. Rightmost area of the rear floor

You can also read the VIN from diagnostic instruments that can read the vehicle online module diagnosis and BMS:

1. Connect the diagnostic instrument to the diagnostic interface of the vehicle and turn it on.

2. Select the diagnostic program and log it to the diagnostic instrument interface.
3. The diagnostic instrument automatically reads and displays the VIN on the interface of the diagnostic instrument.

There is a radio frequency identification device (RFID) on the front windshield of the vehicle. You can read the VIN from the device.

Driving Motor Identification Labels

The front driving motor identification label is located on the lower side of the motor.

The rear driving motor identification label is located on the lower side of the motor.

Recommended Fluids and Capacities

Item	Model	Capacity
Brake Fluid	DOT4	0.7 PL
Coolant	ph 7.5-10.0 (pH-neutral coolant for aluminum)	10L (100L/PK)
Refrigerant	R134a	1,000g
Windshield washer fluid	Freezing point: -5 °C	4L (20L/PK)
Seat belt oil	Castrol BOT300M	15L (Inner: 12L Lower: 3L)

Powertrain Information

1. High Voltage DC Converter Integrated Component
2. Emergency High Voltage Fuse/Plug
3. Airbags
4. Side Curtain Airbag (Cabin)
5. Structural Reinforcement
6. Cooler, Airbags
7. Charge Port
8. Charge Port
9. Seat Belt Pretensioner
10. Front Airbag (Cabin)
11. Rear High Voltage Power Distribution Box
12. CE Battery
13. Airbag Control Unit
14. High Pressure Air Pump
15. Air Suspension Tank
16. Air Compressor
17. Air Suspension
18. Seat Belt Pretensioner
19. Airbags (Airbag control unit)

High Voltage Battery

The vehicle is equipped with a 300V lithium iron high-voltage battery. Do not damage it when lifting from under the vehicle. Do not puncture with abrasive tape, spread cover or overbending the underbody.

Warning

- Before repairing, disassembling, and installing high voltage components, it is necessary to disconnect the power and wait for at least 5 minutes to ensure that the high voltage circuit is completely discharged. Other precautions must also be taken to avoid electrical shock hazard.
- Personnel without corresponding qualifications are prohibited from operating high voltage components. Operators must wear insulated protective equipment and use insulated protective tools and instruments. They are also allowed to work in a safe work area.

Driving Motor

The driving system powers the vehicle by converting the direct current from the high-voltage battery into mechanical energy. The driving system transmits the torque generated by the motor to the wheels through the reducer, differential, and half-shaft. The driving system consists of two driving motors. The front motor is a permanent magnet synchronous motor, and the rear motor is an induction motor.

EPS Battery

The EPS battery powers the Supplemental Restraint System, transfer, locks, mechanism and vehicle lighting.

Airbags

The airbag system includes front airbags and side airbags. The front airbags include front-hand airbags that are located in the steering wheel and front-passenger airbags that are located in the front of the passenger seat. The side airbags include the curtain of the front and rear seats and seat airbags located on the backbone from the A-pillar of C-pillar of the left side. The front airbags are controlled by the airbag control unit.

Air Suspension High Pressure Tank

The high pressure air gas is stored in the tank of the vehicle body using a rubber wrapped bladder. The air tank provides sufficient air for the suspension system. The ride height is adjusted by adjusting the air pressure of the system.

Vehicle Dimensions

Item	Value
Length (mm)	5011
Width (mm) (including side mirrors)	1937
Height (mm)	1500
Wheel Base (mm)	3000
Front Tread (mm)	1660
Rear Tread (mm)	1672
Front Overhang (mm)	506
Rear Overhang (mm)	1505
Ground Clearance (mm)	170
Approach Angle	20 ± 0.5° (with load) 17° ± 0.5° (unl load)
Departure Angle	17° ± 0.5° (with load) 20° ± 0.5° (unl load)
Seats	4

Mass Parameters

Item	Value
Curb Weight (kg)	2,200
Maximum Allowable Total Mass (kg)	2,800
Maximum Allowable Mass of Front Axle (kg)	1,200
Maximum Allowable Mass of Rear Axle (kg)	1,700
Maximum Allowable Mass of Trailer (kg)	1,000
Maximum Allowable Mass of Roof Load (kg)	100
Maximum Allowable Mass of Tongue Load (kg)	100

Cabins

When cruise is installed, it will unscrew to ensure that:

- Vehicle speed does not exceed the maximum speed (no more than 100km/h).
- Individuals permanently unscrewed cruise in front seat or rear seat (100km/h), and in front seat or rear seat (100km/h).

Position	Mass (kg)	Center Mass (mm)	Distance from front axle (mm)	Distance from rear axle (mm)	Loading point height (mm)
Front Cabin	400	1000	1000	2000	1000
Rear Cabin	400	2000	2000	1000	1000

The chart is calculated according to 75kg per person in standard recommended. Engage it also calculated in 75kg.

Wheel and Tire Specifications

Item	Value
Specifications	215/50R17 65% XL 215/50R17 65% XL 215/50R17 65% XL 215/50R17 65% XL
Tire Pressure (bar)	2.5 (unload)
Camber Angle	-1.5±0.5°
Total Front Camber Angle (left+R)	0.5±0.5°
Front Toe Angle	0.4±0.2°
Total Front Toe Angle	0.8±0.4°
Front Caster Angle	3.5±0.5°
Rear Camber Angle	-1.5±0.5°
Total Rear Camber Angle (left+R)	0.5±0.5°
Rear Toe Angle	0.3±0.2°
Approach Angle	20±1.5°
Steering Wheel Angle	0±1.5°
Front Track Height (mm)	370±5
Rear Track Height (mm)	370±5
Ball Joint Torque (N·m)	3.5

Note: Wheel specifications are subject to the vehicle configuration.

Tire Marks

The tire sidewalls are covered with tire related signs and features.

1. Product name
2. Manufacturer (or brand) and internal identification (allows manufacturers and users to track tire production and use).
3. Tire size
   For example, 215/50R17means that the tire width is 215 mm and the aspect ratio is 50, which is the radial structure of the tire, and the wheel diameter is 20 inches.
4. Load and speed ratings
   For example, 91 means that the load index of the tire is 615 kg. 100 means that the tire is rated 270kg.
   Rated speed refers to the maximum speed at which the tire can operate for long time. Mark H: 210 km/h; K: 170 km/h; H: 180 km/h; V: 190 km/h; Y: 300 km/h; W: 270 km/h; Y: 300 km/h; and Y: 300 km/h.
5. Radial load index
6. Tire identification number

After the installation of the new tire, Tire Pressure Monitoring System (TPMS) sensor will be used to send the pressure data to the C-Pad (hereinafter referred to the vehicle). The C-Pad will then send a Bluetooth signal to the mobile phone. The mobile phone will then send the data to the cloud. The cloud will then send the data to the vehicle. The information can be used to remind the customer when there is a defective tire and remind the customer to inflate the tire to the specified pressure.

Motor Parameters

Item	Value	
Brand	Front	Rear
Type	Permanent magnet alternating current (PMAC)	Alternating current induction motor
Model	TZ180H01	TZ180H01
Rated power/peak (kW/N·m)	50/130	50/130
Rated power/peak (kW/N·m)	80/170	200/500

Brake and Suspension Specs

Item	Front/rear value
Thickness of brake pad (mm)	Front 11.5 Rear 11
Thickness of brake disc (mm)	Front 24 Rear 22 / 20
Brake working pressure of air suspension unit (bar)	10

High Voltage Battery Parameters

Item		Lithium iron phosphate battery (LFP)	Ternary lithium battery (NCM)	Ternary lithium battery (NCM)	Ternary lithium battery (NCM)	Ternary lithium battery (NCM)
Single cell parameters	Rated voltage (V)	3.2	3.7	3.7	3.7/4.35	3.65
	Rated capacity (Ah)	105	120	120	120/115	120
	Rated energy (Wh)	336	444	444	444/501	438
	Weight (g)	2,000	2,400	2,400	2,400	2,400
Single module parameters	Rated voltage (V)	51.2	74	74	74/87	73
	Rated capacity (Ah)	105	120	120	120/115	120
	Rated energy (Wh)	5,376	8,880	8,880	8,880/10,005	8,760
	Weight (kg)	35	45	45	45	45
Single cell parameters	Rated voltage (V)	3.2	3.7	3.7	3.7/4.35	3.65
	Rated capacity (Ah)	105	120	120	120/115	120
	Rated energy (Wh)	336	444	444	444/501	438
	Weight (g)	2,000	2,400	2,400	2,400	2,400

Cabins

Tire Inflation

Warning

- Not maintained or overinflated tires will increase the risk of accident and injury.

To ensure tire safety driving, please check the tire pressure regularly. When checking the tire pressure, make sure the tire and rim are at the temperature in the area or the ambient temperature of the vehicle but not from recent tire driving. Check the tire pressure when the tire is cold. Do not release the air from the tire when it is hot and then inflate it to the specified value. If the tire is hot, the tire pressure is generally 0.3 bar higher than that of a cold tire.

Overinflation will affect your comfort while driving, damage tires, especially on rough roads, and cause Bressure in excess of the specified value. Overinflation will also affect the vehicle handling and stability and increase the risk of tire blowout and other injuries. Overinflation will affect the vehicle handling and stability and shorten tire service life.

Some the TC with tires of the vehicle are self-repairing tires. The vehicle can still continue to run within certain speed range (50km/h) and certain distance (80km) after the puncture with tires that are equipped. If Tire Pressure Monitoring System (TPMS) detects that the pressure of the tire is lower than the specified value, the TPMS will remind the driver to check the tire. Under pressure of tire or tire damage, please contact TRI-Sea Car Center immediately for tire inspection or replacement.

You can filter the tire with the low inflation in the emergency kit. To inflate a flat tire:

1. Park the vehicle at a safe road part (in the reflective vest and set up the warning triangle properly).
2. Operate Emergency Kit according to the guide on the cabin cover.

3. Connect the airbag to the tire valve to inflate the tire to the specified value.

4. Connect the power plug of the tire inflation to the 12V power socket in the vehicle.

5. Make sure the vehicle is powered on, turn on the power switch of the tire inflation, and perform the test. When the tire pressure reaches 0.5 bar, turn off the tire inflation alternately and disconnect it from the power source.
6. After completing inflation, disconnect the inflator from the vehicle and store it in the emergency kit.

Direct Tire Pressure Monitoring System (dTPMS)

The vehicle is equipped with a direct tire pressure monitoring system (dTPMS). If the pressure or temperature of one or more tires is abnormal, the tire pressure warning indicator will light up on the dashboard instrument display with the corresponding tire pressure. The warning prompt will be given to remind the driver that the tire pressure or temperature of the tire is abnormal.

In the event of abnormal tire pressure or signal failure, the tire pressure warning indicator will flash for 60 seconds and then remain lit. Signal interference causes driving warning "Warn" from time to time, and the tire pressure warning indicator will flash for 60 seconds and then remain lit. The tire pressure warning indicator will flash for 60 seconds and then remain lit when the tire pressure is low. The tire pressure warning indicator will flash for 60 seconds and then remain lit when the tire temperature is too high.

You can tap **SETTY Reader** in the home page of the center display to check the current tire pressure detected by the sensor. The tire pressure and temperature of the four tires will be displayed in the upper left corner of the center display. The tire pressure data can be checked in real-time, and the pressure of Tire1(Tire FL) corresponds to the upper left tire, Tire2(Tire FR) corresponds to the upper right tire, Tire3(Tire RL) corresponds to the lower left tire, and Tire4(Tire RR) corresponds to the lower right tire. The tire pressure of the four tires will be highlighted along with the upper and lower limits.

The Direct Tire Pressure Monitoring System (dTPMS) has low-voltage lightweight sensors and microprocessors. It has the function of tire pressure and temperature monitoring, and can send the data to the vehicle through the tire pressure warning message.

Tire pressure monitoring, battery, vehicle location, sudden inflation and start in and out the vehicle, the operation of the tire pressure monitoring system (dTPMS) can be adjusted in parallelism.

Tire Chains

The vehicle does not come with tire chains, but you can purchase them. Please pay attention to the following points when using tire chains:

- Improper tire chains can damage the tires, wheels, and brake system of the vehicle. Please carefully check the specifications of the required replacement TPS tires and the tire pressure monitoring sensor provided by the tire chain manufacturer to ensure that the tire chains do not affect the normal operation of the tire pressure monitoring system (TPMS).
- Install tire chains on the front wheels of the vehicle and ensure that they are in the correct direction (refer to the tire chain instructions).
- Drive carefully and slowly to avoid bumps, potholes, sharp turns, or wheel lock-up, which may impact the functionality of the sensor damage to the wheels.
- To avoid tire damage and excessive wear, tire chains must be removed when driving on roads without snow.

Autobrake

Vehicle does not come with Autobrake, but you can purchase them separately. Please pay attention to the following points when using Autobrake:

- Improper Autobrake can damage the tires, wheels, and brake system of the vehicle. Please carefully check the specifications of the required replacement TPS tires and the tire pressure monitoring sensor provided by the Autobrake manufacturer to ensure that the Autobrake does not affect the normal operation of the tire pressure monitoring system (TPMS).
- Autobrake can be installed on the rear wheels of the vehicle and ensure that the Autobrake is in the correct direction (refer to the Autobrake instructions).
- Drive carefully and slowly to avoid bumps, potholes, sharp turns, or wheel lock-up, which may impact the functionality of the sensor damage to the wheels.
- To avoid tire damage and excessive wear, tire chains must be removed when driving on roads without snow.

- Do not to touch of the vehicle's electronic stability system when handbrake is on.
- The speed of the vehicle must not exceed 30 km/h with handbrake modified. Please also avoid sharp turns/acceleration/deceleration, and do not drive on uneven roads, to prevent the vehicle from tipping over or losing control.
- If you abnormal noise is heard during driving with handbrake modified, stop the vehicle in a safe position and, while keeping a safe distance, check whether handbrake is normal.
- When the black tether in the handbrake lever flashes the white road sensor lidar is operating, and the handbrake is not modified.
- handbrake should not be used as direct substitute for the service brake.
- When you the handbrake, place it in their original packaging, and store it in a dry place. Due to the wear-out of the rubber components, the vehicle's handbrake should be inspected or change the hand control every 2 years.

Winter Tires

The vehicle is equipped with summer tires. We strongly recommend that you install a set of winter tires to ensure safety and manageability in snowy/icy/wet weather. Winter tires are temporarily stiffer at cold weather and a stiffer tire tread pattern provides better traction on snow and ice. Winter tires are softer than summer tires at high temperatures, so they are not suitable for use in summer. Please choose the applicable winter tires or all-year-round tires according to the local climate conditions.

It is recommended to install winter tires for your vehicle when the ambient temperature is below 7 °C. The driving characteristics of winter tires will be significantly reduced when the temperature is above 7 °C. Please choose the right tire according to local climate and the actual driving conditions. Do not install winter tires on all four wheels at the same time.

Extremely cold temperatures below -15 °C may cause permanent damage to summer tires.

Use winter tires of the same brand, size, and specification for all wheels to ensure safe maneuvering characteristics.

Recommended Tire Pressure	2.4 bar
Tire Size	215/55 R17
Tire Load Index	94
Tire Speed Rating	H

Caution

- Exceeding the maximum speed rating of the tire will damage the tire. This may also lead to tire blowout. Never exceed the speed rating of the installed tires.
- Winter tires with a speed rating of less than 160 km/h are not suitable for sustained high speed driving. Please consult the tire supplier and do not begin provide adequate grip. Try to break you may lose control of your vehicle and cause an accident.

Tire Repair

Warning

- Do not drive with a punctured tire, as it may lead to a tire blowout and damage your safety.
- Do not use the spare tire for long-term use. Repair or replace the tire as soon as possible.
- Do not use the tire repair kit to repair the tire if the tire has been damaged by a sharp object, such as a nail, screw, spacer, spacer, and cannot be repaired.

Caution

- Before using the sealant, please check the expiry date marked on the tire sealant tube to ensure that it is used before the expiration date.
- When the pressure with a TPS sensor is less than 0 bar, it is recommended to take the punctured object and the tire sealant tube to the nearest Nio Service Center for tire repair. Please do not use the "Emergency" phase in the vehicle's tire repair kit to repair the tire.
- If the tire is sprayed with the puncturing object or an object, the tire can emit abnormal noises while driving. Please stop the vehicle and remove the puncture object from the tire.
- If the puncture hole is too large, please do not use the tire sealant. It is recommended to repair tires with the sensor. Please contact the NIO Service Center.

Tire Repair

- Please use the tire repair kit to temporarily seal the puncture hole in the tire, so that the vehicle can drive to a safe place or repair shop. If the tire pressure sensor is lost, please contact the nearest Nio Service Center for replacement. Please do not use the tire repair kit to repair the tire if the tire has been damaged by a sharp object, such as a nail, screw, spacer, spacer, and cannot be repaired.
- When repairing, please try to remain the tire on the punctured part in the top of the tire.
- Use sealant and tire repair kit to seal small tire holes.

Find the vehicle which has a flat and solid road or the wrong frame stable, as possible and shift into PARK. After parking on the flat and solid road or the wrong frame stable, as possible and shift into PARK. Turn on the hazard warning lights and place the warning triangle and 50 meters behind the vehicle and turn on the headlights of the emergency lamp.

1. Pull the vehicle out with shift and set up the warning triangle at an appropriate location.
2. Open the frunk by 5 to 6 cm. Pull the frunk and take out the sealant canister and the tire inflator.

3. Remove the special label from the tire sealant canister and place it in the nearing wheel to extend yourself and prevent sealant leakage.
4. Remove the protective cap on the inflator, turn the tire sealant canister upside down and slide it into the slot on the inflator. Ensure the sealant canister is inserted in the inflator chamber for the valve cap, and rotate the tire sealant bottle to lock it in place.

5. Connect the power plug of the tire inflator to the 12V power socket in the vehicle.
6. Make sure the vehicle is powered on, press the start button twice to enter the accessory mode but do not. Unlock the pressure gauge, and turn it off when the pointer reaches 0.5 bar (which will take around two to 10 minutes). Turn off the tire inflator and remove the pressure gauge from the 12V power socket.

Note

When the tire inflator begins operating, the pressure gauge will initially display a high pressure up to 6 bar. After a short delay, the pressure will drop to the target value.

7. Remove the inflator hose of the tire inflator from the valve and screw it onto the sealant tube.
8. Open the valvelet. Use it for at about five to ten minutes or until 300 bar/cm is evenly spread the tire sealant and plug the puncture.

9. Pull the valvelet back to the original position. Remove the tire inflator hose from the valve and the sealant tube. Place the tire inflator back into the tire sealant canister. Place the tire sealant canister back into the slot on the inflator. Place the tire inflator back into the frunk. Check the tire valve cap and ensure it is tightly sealed. Wait for at least 30 minutes for the sealant to fully cure before proceeding to the next step.
10. Pull the vehicle out and shift into PARK immediately.
11. Use the tire pressure sensor and the temperature gauge within 12 minutes during the repair process, this indicates a serious leakage. Please stop the vehicle and call for assistance.
12. Remaining with the sealant inside the temporary emergency protection. After repairing the tire, you can continue driving for a short distance to ensure the tire is fully sealed. Please avoid high speed driving and sharp turns during the repair process.
13. After removing the tire, by using the sealant, please contact the NIO Service Center for replacement of the inflatable emergency tire repair kit.

Tire Replacement

Find the vehicle which has a flat and solid road or the wrong frame stable, as possible and shift into PARK. After parking on the flat and solid road or the wrong frame stable, as possible and shift into PARK. Turn on the hazard warning lights and place the warning triangle and 50 meters behind the vehicle and turn on the headlights of the emergency lamp.

Caution

- When replacing a tire, the tire's size must comply with the specifications of the original one. Using tires with different specifications may affect the vehicle's handling and result in loss of vehicle control.
- Never get underneath the vehicle when it is lifted on a jack or the may cause severe injury or even death.
- Do not let the vehicle's tire pressure sensor lost.
- Do not use the tire repair kit to repair the tire if the tire has been damaged by the vehicle's sidewalls.
- Do not place any objects above or underneath the jack when it is lifting the vehicle.
- Never use a jack to lift the vehicle on an uphill or downhill slope or on a rooftop that slopes to one side.
- Avoid sharp turns or hard to ease vehicle when changing tire.

Follow the instructions to replace the tire:

1. Prepare a jack and tire in the of sensor specifications.
2. Place a wrapper in front of the tire diagonal to the tire to prevent the vehicle from slipping.
3. Place the jack in the jack point of the vehicle. Please refer to the **Jack Point** to determine the exact position of the correct height and weight changes during the replacement.
4. Remove the key to lift the vehicle control and to the emergency lot, and then turn the lug wrench counterclockwise to loosen the lug nuts.

Caution

Use tires have a special protective coating. When removing or installing lug nuts, tires or rims, take reasonable precautions to prevent the vehicle's paint from scratched wrenches cannot be used to change tires.

5. Remove the jack and the protective coating.

Warning

When using the jack to protrusion) security under the jack point. Failure to do so may damage the vehicle, or the vehicle may fall off the jack and cause injury.

6. Jack up the vehicle until the flat tire is sufficiently above the ground. When lifting the vehicle, ensure the jack is properly positioned.

Instructions for setting up the warning triangle:

7. Deploy the frunk under the triangle
8. Unfold the two sides of the triangle.
9. Fasten the bottom to top of the triangle.

Call for Road Assistance

In case of accidents such as a vehicle collision, crash parking, battery pack fire, etc., call the NIO Hotline for road assistance and follow up the warning signs, and the Road Assistance team will come to help you as soon as possible.

Note

In the event of a fire in the vehicle, call emergency services and evacuate all passengers from the vehicle. Failure to do so may result in injuries or even death.

Please ensure that the vehicle's tire pressure sensor is not lost, and properly force the vehicle to call for help.

- Do not use the vehicle's tire repair kit to repair the tire if the tire has been damaged by a sharp object, such as a nail, screw, spacer, spacer, and cannot be repaired.
- Do not use the vehicle's tire repair kit to repair the tire if the tire has been damaged by the vehicle's sidewalls.
- Do not place any objects above or underneath the jack when it is lifting the vehicle.
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The 112 based call for vehicle Solution

The 112 based call for vehicle solution is mandatory for all vehicles sold in accordance with EU regulations. In the event of a serious accident, the vehicle's emergency call system (eCall) automatically initiates a call to the local emergency services (112) and simultaneously if the vehicle's safety system is triggered, or manually if you press the SOS button in the vehicle.

The 112 based call for vehicle solution is a standard feature in all vehicles sold in the European Union, designed to ensure that emergency services can quickly locate and dispatch assistance to accident victims in the event of a serious accident. The 112 based eCall for vehicle solution uses the vehicle's built-in sensors and communication systems to automatically transmit the vehicle's location and other relevant information to the emergency services. The system also allows for manual activation by the driver or passengers in the event of an emergency, such as a medical emergency or a suspicious situation, to ensure that help is dispatched as quickly and efficiently as possible.

In the event of a vehicle's system malfunction, the 112 based eCall for vehicle solution may be impacted. The backupu of the 112 based eCall for vehicle solution is designed to ensure that even in the event of a system malfunction, the vehicle can still attempt to connect to emergency services and provide basic information about the accident. However, it is important to note that the effectiveness of the 112 based eCall for vehicle solution may be reduced in the event of a system malfunction, and drivers should be prepared to take additional steps to ensure their safety and seek help if needed.

The 112 based eCall for vehicle system is designed to work seamlessly with other safety features in the vehicle, such as airbags and seatbelts, to provide a comprehensive safety net for the driver and passengers. The system is also designed to be easy to use and to provide clear and concise information to the emergency services, to ensure that they can quickly and efficiently respond to the accident.

The 112 based eCall for vehicle system is a critical feature in all vehicles sold in the European Union, and it is important for drivers and passengers to be aware of its capabilities and limitations. The system is designed to provide a rapid and efficient response to accidents and emergencies, but it is also important to be prepared to take additional steps to ensure your safety and seek help if needed.

The 112 based eCall for vehicle system may collect and process data the following data:

- Vehicle identification number (VIN)
- Vehicle type (passenger vehicle)
- Vehicle propulsion storage type (gasoline/diesel/CNG/LPG/electric/hydrogen)
- Vehicle latest two locations and direction of travel. The accurate vehicle location are calculated by satellite or in a mobile network based on the strength of subject's mobile network
- Estimated number of occupants onboard
- Log of the eCall activation of the system and its transmission

Recipients of data processed by the 112 based eCall for vehicle system are the relevant public safety answering points of the emergency services in accordance with Article 5(2) of Directive 2010/40/EU on the deployment of the intelligent transport systems. Data processed is stored on the vehicle's system and transmitted to emergency services.

The 112 based eCall for vehicle system is designed to send a ping to an emergency center:

- When stated in the system is not available outside the system before and after of a crash
- The system is not functioning and not subject to any constant tracking or to normal operation states.
- The system is not subject to any constant tracking or monitoring.
- The vehicle location is constantly accessible to the internal memory of the system, but it can only be lost data to or into the memory of the vehicle necessary for the normal functioning of the system.

The 112 based eCall for vehicle system is designed to ensure that the vehicle can still attempt to connect to emergency services and provide basic information about the accident, even in the event of a system malfunction. The system is also designed to be easy to use and to provide clear and concise information to the emergency services, to ensure that they can quickly and efficiently respond to the accident.

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With regard to the arrangements for exercising data subjects' rights as well as the contact service responsible for handling requests for access to personal data, the 112 based eCall is triggered by a call to a dedicated emergency call-taking centre (112 Emergency Service, or contact number in the country, NIO Hotline).

Data Protection

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VIN eCall

VIN eCall is a third-party supplement eCall service based on 112 based eCall in EU. eMC Energy AG will be acting as the third-party service provider for VIN eCall, and NIO will be the data controller for VIN eCall.

VIN eCall system will transmit vehicle data to the corresponding emergency rescuing in the European zone in the event of a vehicle. VIN eCall system collects vehicle data and transmits it to the corresponding emergency rescuing in the event of a vehicle. VIN eCall system collects vehicle data and transmits it to the corresponding emergency rescuing in the event of a vehicle. VIN eCall system collects Brand Name, Model, Vehicle Identification Number (VIN), Vehicle Type, Vehicle Propulsion Storage Type, Latest two locations and direction of travel, Number of passengers, Log of the eCall activation of the system and its transmission and the latest position in time. Data collection and transmission are triggered by the activation of the eCall button in the vehicle, or automatically in the event of a vehicle. The data collected by the vehicle's sensors and systems is transmitted to the corresponding emergency rescuing in the event of a vehicle. The data is then used by the emergency rescuing to provide assistance to the vehicle and its occupants. The data is also used to improve the safety and security of the vehicle and its occupants.

The accuracy vehicle data will be collected from the vehicle and sent to NIO PHR, then forwarded by the NIO portal to the corresponding emergency rescuing. The data will be encrypted to ensure data security and integrity during the transmission.

Collected VIN eCall data will be retained for 6 months after NIO receives the vehicle operation monitoring and handling information, and then will be deleted and anonymized. VIN eCall will pass the necessary data to the third-party eCall Integrator for event management.

The VIN provider may collect and process only the following data, then send it to the local PSAP (eCall is canceled):

- Vehicle identification number (VIN)
- Latest two locations, and the latest position (Vehicle ID, Lat, Lon) (Note: Delete location in the case of a false alarm)
- Vehicle type (passenger vehicle)
- Vehicle propulsion storage type (gasoline/diesel/CNG/LPG/electric/hydrogen)
- Number of passengers
- Current information
  - Fuel status (Optional, if the user is registered)
  - Fuel's actual addition (Optional, if the user is registered)
  - Battery status (Optional, if the user is registered)
- Vehicle Status information
  - Brake/Brake/Light/Door/Hatch status
  - VIN number

Jump Starting

When the vehicle cannot start because the 12V battery level is low, you can jump start the vehicle by connecting the jumper cable to the 12V battery of another vehicle.

Caution

- When starting the vehicle with jumper cables, it is crucial to avoid contact between the vehicles. Failure to do so may result in damage to the vehicles and potential injuries to the driver and passengers. Ensure that the jumper cables are properly connected to the correct terminals on the vehicles to prevent unexpected behaviors or damage to the electronic systems.
- Never connect the jumper cable to the high-voltage battery or any other high-voltage components. Please contact NIO Service Center for assistance if the vehicle's high-voltage battery needs to be charged.

To avoid short circuits or other damages, we recommend you observe the following precautions when you jump start the vehicle:

- Only connect a 12V battery with a 12V power supply. Avoid the 12V battery cable and the jumper cable is properly connected to the vehicle's electrical system, and open the front hood of Vehicle A to find the 12V battery.

1. Connect one end of the red cable to the positive (+) terminal on the 12V battery on Vehicle A.

2. Connect the other end of the red cable to the positive (+) terminal on the 12V battery on Vehicle B.
3. Connect one end of the black cable to the negative (-) terminal on the 12V battery on Vehicle A.
4. Connect the other end of the black cable to a proper ambient ground of the 12V battery on Vehicle A.
5. Turn Vehicle A on and wait for a few minutes. Then, start Vehicle B or a black shadow is not open normally.
6. Remove the cable in the reverse order of Vehicle A, remove the jumper cables in the opposite order they were connected, and close all properly.

Emergency Unlocking from the Outside

When the vehicle is locked, the door handle cannot be pulled out to open the door. In this case, only NIO app, or NFC, NIO key card, or the emergency key can be used to open the door.

Caution

Do not leave the emergency key in your vehicle. Please keep it safe in case of emergency.

To use the emergency key:

1. Pull out the emergency key (located at the emergency key slot) regarding the vehicle or the emergency key.

2. Find the location of the exterior handle in the door's door.

3. Pull the door handle, and insert the emergency key into the hole. Rotate the key counterclockwise to unlock the door.

4. To lock the door's door, rotate the key counterclockwise. Ensure the unlocking, and then lock a door.

Note

To lock the vehicle with the key left after it has been parked with the emergency key, insert the lock cylinder by unlocking and then locking the door's door to keep the vehicle safe.

Emergency Unlocking from the Inside

When the vehicle vehicle is locked, if the door needs to be opened in an emergency (for example, when the electronic switch fails or the vehicle loses power), you can manually pull the door handle from the inside of the door to release the door lock and open the door.

Note

- When the 12V battery of the vehicle is low or power is lost, the door emergency lock can only be used to unlock the door on the driver side. The door handle on the passenger side is not used to open the door. Usually, the door does not need to be unlocked from the inside when the vehicle is powered on and the door is closed.
- The retractive camera for lowered when the door is opened using the mechanical switch for the inner door handle. Please keep a wrench and dismantle the handle if necessary.
- Rubber seals have can be damaged from under when the child safety lock function is activated. Please ensure the child safety lock is disabled before using the door handle.
- In the event of an accident that is of sufficient grade to trigger airbag deployment, the child safety lock on the rear door will activate automatically.

Emergency Liftgate Opening

To open the liftgate, lift the spoiler front above the back liftgate from the inside of the trunk, and then toggle the button to the left side of the liftgate.

First Aid Kit

If your vehicle is equipped with a first aid kit, the first aid kit will be located in the left rear pillar of the rear trunk. The contents of the first aid kit are in accordance with the local laws and regulations of the vehicle's destination.

The first aid kit is **OPTICAL Lens**. After expiration, please contact NIO to provide.

Protective Equipment for Rescue Operations

The vehicle is equipped with protective equipment for the safety of rescue workers in the event of a serious collision. Leakage of high voltage or electrolyte may occur in the event of a serious collision, and rescue workers at the vehicle should be equipped with professional rescuers who wear corresponding protective equipment to ensure personal safety.

Warning

Rescuers of vehicle should wear protective and conductive boots when carrying out rescue operations. Failure to do so may increase the risk of electric shock.

Electrical Protection

Please wear the following protective equipment to avoid injury from high voltage electrical shock:

- Insulated rubber gloves (for the rescuers operating voltage above 1000V)
- Goggles
- Insulated rubber boots
- Other personal protective covers

Chemical Protection

In the event of chemical leakage or potential risk of battery leakage, please wear the following protective equipment to prevent injury to your skin and body:

- Protective face shield
- Anti-acid and alkali gloves

Cut off the High-voltage Circuit

To cut off the high-voltage circuit, first disconnect the emergency 12V cut off plug (located in the left end of the front trunk). Then, disconnect the high-voltage circuit. The emergency disconnection of the high-voltage circuit ensures the safety of the vehicle and personnel.

Note

- If an emergency rescue is needed, you can obtain the passenger compartment rescue to release the front

1. Left front

3. Disconnect the emergency high-voltage cut-off plug, then cut off the high-voltage supply circuit, remove the plug and keep it in a safe place.

4. Disconnect the cable from the 12 V battery-negative terminal, and wrap it with a protective layer after disconnection to prevent conduction due to accidental contact from occurring.

Towing a Vehicle that Had an Accident

Caution

- This vehicle is not suitable for traction with wheels on the ground. Do not use a traction chain to tow the vehicle directly.
- When the vehicle is on snow, mud, or sand, or when the wheels are locked and unable to rotate freely, do not use a towing hook to tow the vehicle. Please contact the NIO service center.

If you need the vehicle to be towed, please call a flatbed trailer to transport the vehicle. How to tow a vehicle:

1. Take out the hitch from the vehicle kit in the rear trunk.

2. Press the lower end of the front towing flap of the vehicle to open it (1 in the picture), insert the hitch into the hole and rotate until the hitch is firmly seated (2 in the picture). The rear hitch (if present) is installed in the same way as the front hitch.

3. Press the brake pedal while the vehicle is in the Park gear, go to the Settings page from the control bar at the bottom of the center display, tap **Driving > Trailer/Wash Mode**, then the vehicle will be released from the parking brake and can be towed (if the vehicle is at risk of slipping, use the brake stops).
4. Power the vehicle off before towing, turn on the hazard warning lights, make sure that there is no one in the vehicle and lock the entire vehicle.
5. Install the tow chain on the hitch and slowly tow the vehicle onto the flatbed.
6. After the vehicle is towed to the designated location on the flatbed, use brake stops and wheel straps to fix the tires.
7. Before having the vehicle transported on a flatbed, exit Trailer/Wash Mode on the center display; then tap **Driving > Jack Mode** on the current page to lock the current vehicle suspension height to prevent the vehicle from being damaged due to bumps during transportation.

Caution

- Only when there is no safety risk to the vehicle can it be towed away from the site. If the vehicle battery pack is deformed, leaking liquid, or emitting smoke, safety risks shall be eliminated first.
- If you are unable to enter the Neutral Mode normally, you can try restarting the 12V battery. If the parking brake cannot be released, the vehicle can be transported in as short a distance as possible by using tire slides or wheeled trailers.
- Do not depress the brake pedal or accelerator pedal hard while exiting the Neutral Mode on the center display.
- When the parking brake is released and the vehicle can be towed, there is a risk that the vehicle may slide down on a slope. If necessary, please use brake wedges in conjunction.

Rescuing the Vehicle in Water

Caution

It is recommended not to stay in deep water (preferably not exceeding the battery base plate) for a long time when the vehicle is wading. Otherwise, it may cause damage to the high-voltage components of the vehicle.

On the premise that the vehicle body and chassis are not damaged, there will be no greater risk of electric shock caused by its short-time immersion in water. However, when dealing with the submerged vehicle, the professional rescuers shall wear appropriate rescue protective equipment. Under the condition of ensuring insulation protection, pull the vehicle out of the water, open the door, power off the vehicle, and then clean the water stains inside the vehicle. After checking for electricity leakage, cut off the high-voltage circuit normally.

Warning

When dealing with flooded vehicles, if rescue personnel do not wear appropriate protective rescue equipment, serious injury or even death can occur as a result.

Rescuing the Vehicle on Fire

Warning

- In the case of a vehicle fire, do not directly touch any part of the vehicle. All rescue operations should be performed by professionals who must wear appropriate personal protective equipment.
- The gas stored in the side curtain airbag cylinder and the high pressure air suspension tank may expand and explode under high temperatures. Please act with caution to avoid injury.

If the vehicle fire doesn't involve the high voltage battery, you can use the fire extinguisher to put out the fire.

If the vehicle fire is caused by the high voltage battery or the high voltage battery is overheated, deformed, cracked, or damaged in the fire, use a large amount of water or foam extinguishing agent mixed with water (F-500 EA is recommended) to cool down the high voltage battery. After the battery is completely cooled down (which may take up to 24 hours), monitor it for one more hour to ensure the battery does not heat up again. Then, drive the vehicle to an open and flat area and set up a 15-meter safety zone to keep people away from the vehicle.

Warning

Be aware that a high voltage battery may re-ignite even after it is cooled down. Particular attention should be paid when transporting the battery.

Rescuing the Vehicle with Battery Leakage

Warning

If leakage from a high voltage battery is caused due to an impact, the rescue should be performed by professionals who must wear protective face shields and chemical-resistant gloves. Never make direct contact with the fluids.

When the high-voltage battery leaks, it may generate heat or even cause a fire. Please cool down the high-voltage battery first and then clean up the fluids:

- If the leak is not severe, use a liquid absorbing pad to clean up the fluids and then place the used pad in a closed container or use incineration to dispose of the pad.
- If the leak is severe, dispose of the fluids following the disposal guidelines for hazardous chemical waste. Pour calcium gluconate solution over the leaked fluids.

Caution

If any fluids accidentally get on the skin, remove the contaminated clothes, and rinse the skin with soap under running water for 15 minutes until all chemical residues are removed. Seek medical attention immediately if the irritation or discomfort doesn't improve.

Vehicle Cutting

Warning

When professional rescuers perform cutting operations, they must use appropriate tools such as a hydraulic cutter and wear appropriate personal protective equipment to avoid serious injury.

The vehicle pillars use aluminum castings to better protect the occupants in case of an impact. Please use proper tools to cut the pillars during rescue. Do not cut any high temperature or high voltage areas on the vehicle, such as airbag components and high voltage components, as indicated by the red areas below.