



User Manual

firefly Disclaimer

Thank you for choosing firefly. firefly is a smart electric vehicle designed to enhance your green journey with a seamless and thoughtful user experience.

Before embarking on a journey with firefly, it is recommended that you read the "User Manual" on the control panel to learn all the information required for the use of the vehicle.

- Without legal and valid authorization, no one may make copies of or modify the contents of this manual in whole or in part.
- Without legal and valid authorization, no one may refit, adjust, or disassemble vehicle parts, so as to prevent the occurrence of feature failures or injuries.
- The labels, signs and pictures used in, as well as the contents of this manual are for illustration only.

The actual equipment, configuration, features etc. of your vehicle may be different from the description and illustration in this manual due to factors such as the market, specific configuration, selected options, and software version. And not all features are available on your vehicle. Please refer to the actual equipment, configuration, features etc. of your vehicle. For the avoidance of doubt, firefly has the right to decide whether and when to upgrade your vehicle's equipment, configuration, features and related software for safety, compliance with local laws and regulations and other considerations.

firefly reserves the right to revise this manual in accordance with updates to national laws and regulations, adjustments to vehicle features, changes in service content, and for the purpose of safeguarding user rights. These revisions are made to ensure the manual remains as accurate as possible regarding the vehicle's current status and consistently complies with the latest legal requirements and standards for user rights protection.

Information Prompts

In order to fully understand the contents of this manual, you must know and follow the "warnings", "cautions", and "notes" in the manual.

- **Warning:** This content is closely related to personal safety. Please always comply with it! Failure to comply may result in personal injury or a serious accident.
- **Caution:** This is to advise you on how to avoid possible vehicle damage or property loss.

- Note: It provides you with suggestions on how to make better use of your vehicle.

Please strictly abide by the warning information referred to in this manual. It will help you use the vehicle more safely. Also, pay attention to any other warning information released to you by firefly. Make sure that you read the latest version of this manual and are familiar with the vehicle's features before using it. **If the vehicle is not operated correctly, it may cause injury to you or others or lead to vehicle damage or property loss. firefly shall undertake no responsibility in such an event.**

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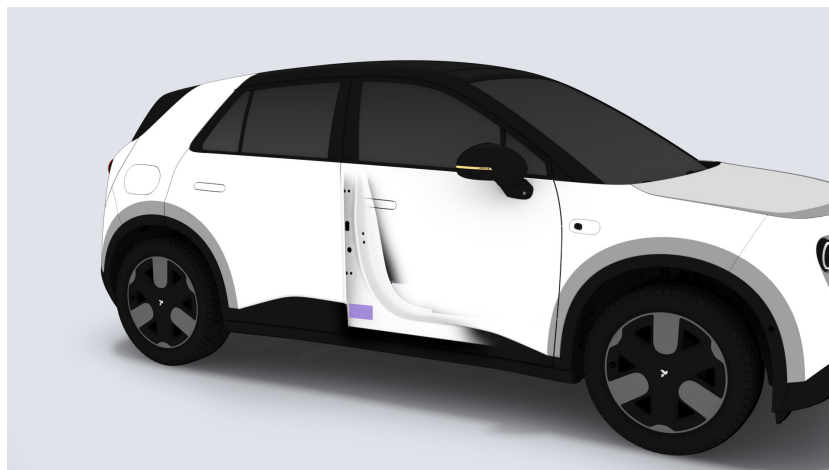
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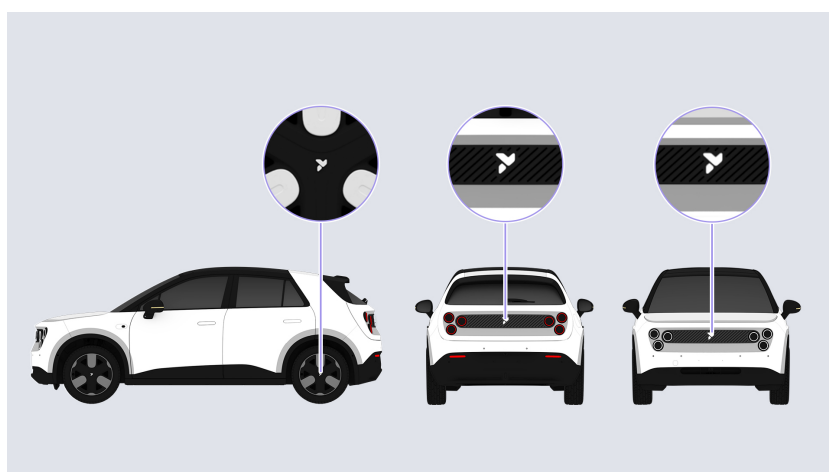
Vehicle Information

Vehicle Identification Mark

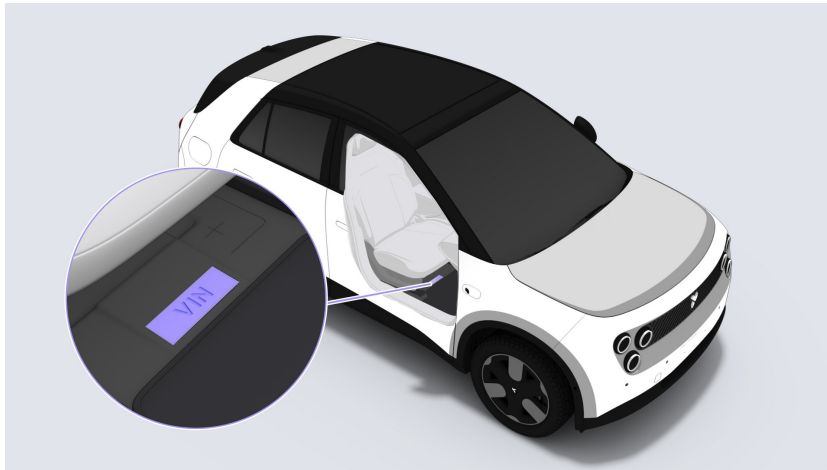
The vehicle nameplate is located under the B-pillar on the right side.



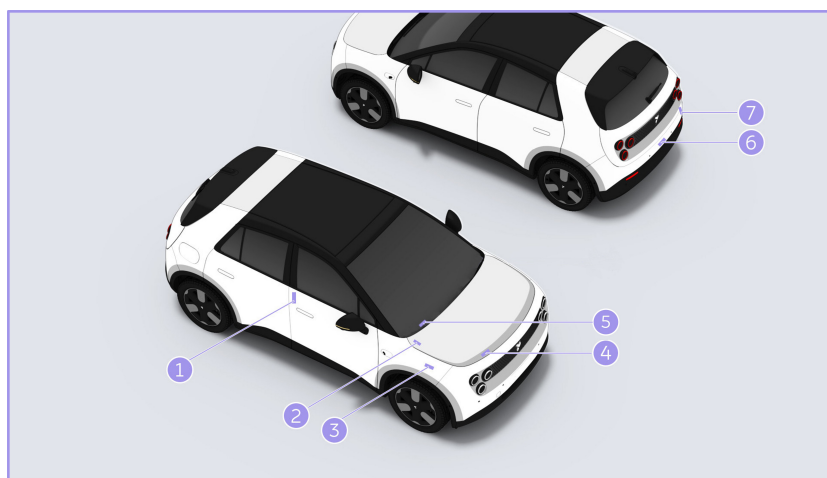
The vehicle brand logo can be found in the following places:



The vehicle identification number (VIN) is embossed on the floorboard under driver's seat.



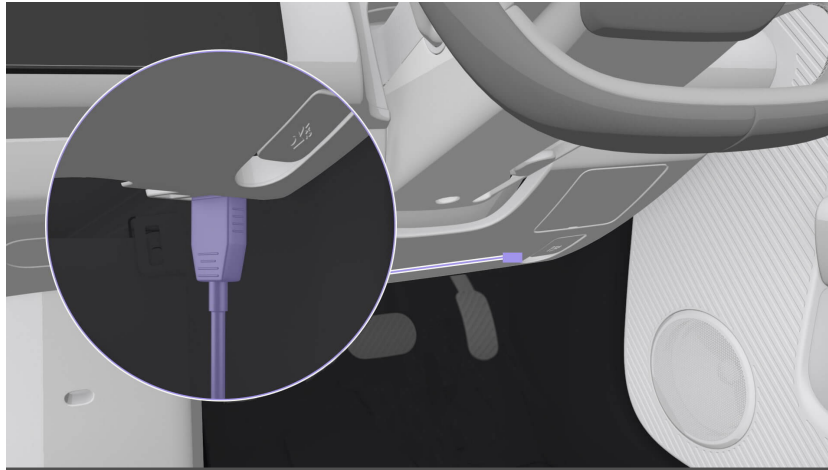
The rest VINs can be found in the following places:



1. B-pillar on the right side of the body
2. Right suspension tower
3. Right front fender
4. Inner side of the hood
5. In the right corner of the front windshield
6. Above the rear floorboard
7. On the right side of the liftgate

You can also read the VIN with a compatible diagnostic tool (NIO diagnostic system generation II (BD2)):

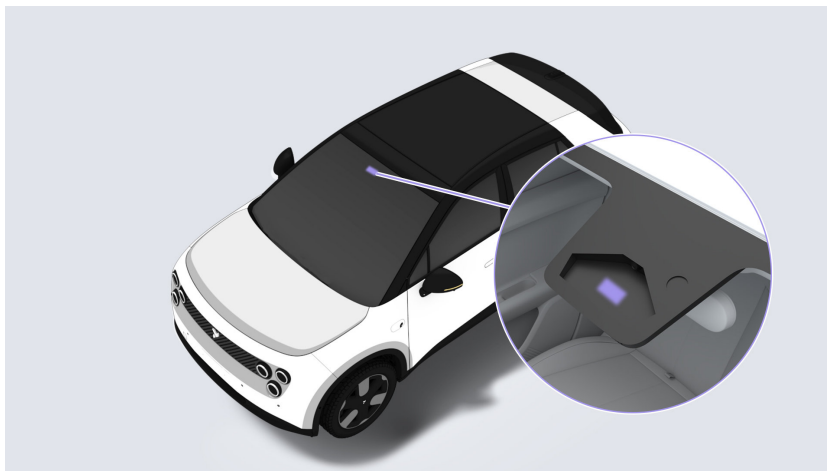
1. Connect the diagnostic tool to the vehicle diagnostic port, and turn it on.



2. Start the diagnostic tool and log in to the home interface of the diagnostic tool.
3. The diagnostic tool will automatically read the VIN and display it on the current interface.

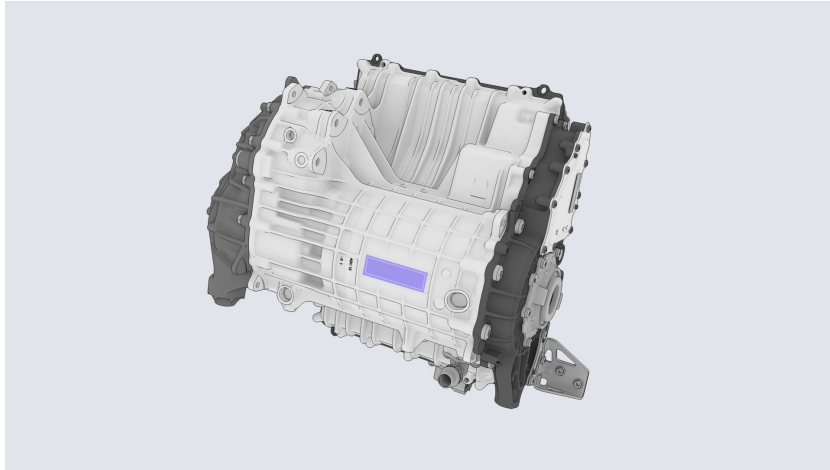
Microwave Window

There is a microwave window behind the rearview mirror on the front windshield.

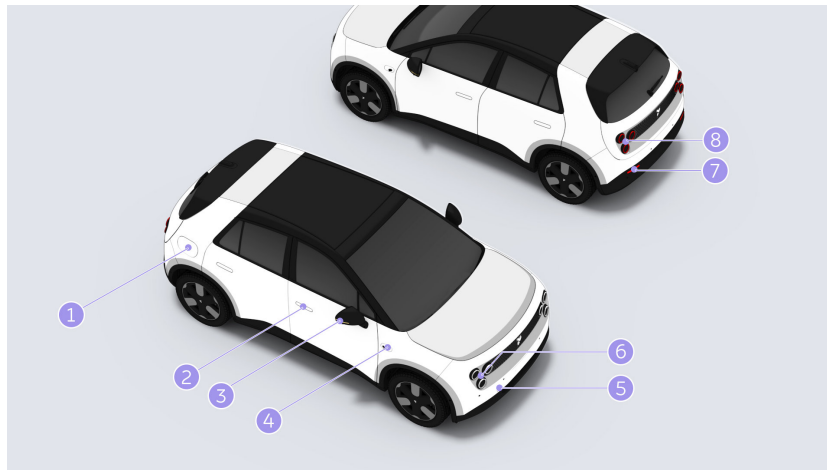


Drive Motor Identification Mark

The rear drive motor identification mark is located under the motor.



Exterior Overview



1. DC/AC charge port

2. Outer door handle

3. Side mirror

4. Side rear camera

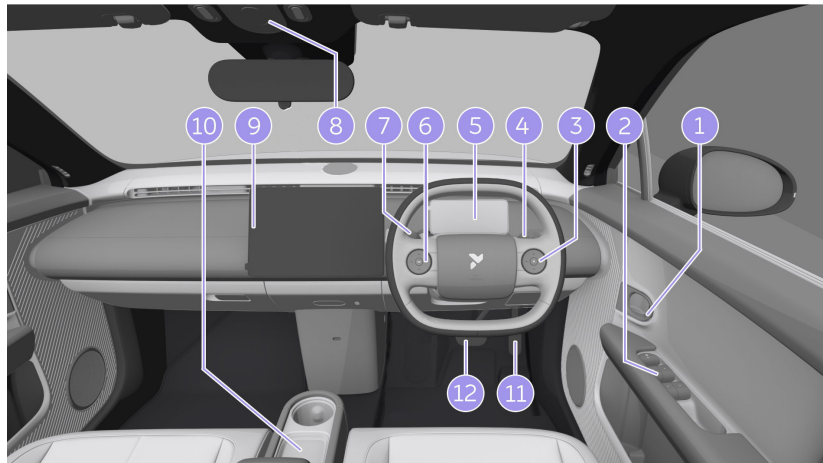
5. Towing flap

6. Headlight

7. Rear reflector

8. Taillight

Interior Overview



1. Inner door handle

2. Window control panel

3. Right steering wheel buttons

4. Gear stalk

5. Instrument cluster (integrated with driver monitoring system)

6. Left steering wheel buttons

7. Multifunction control stalk (lights & wipers)

8. Reading lights

9. Control panel

10. Mobile phone placement area

11. Accelerator

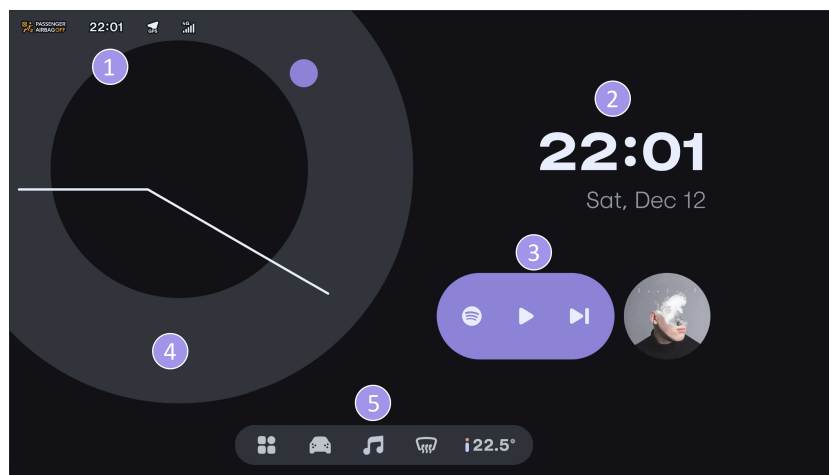
12. Brake pedal

In-Vehicle Control Panel

Front Control Panel

When you or an authorized user logs in, the control panel can seamlessly access rich and customized content, such as music, navigation, radio, etc. You can also personalize and save your favorite content to your account. The vehicle will automatically load any saved content the next time you log in. When you switch between different accounts, the vehicle will display personalized content saved to the corresponding account.


You can access the desired features (e.g. media, navigation) from the home interface. The following features are provided on the control panel:



1. Info bar
Displays alert messages, warning messages and warning icons, etc.
You can easily manage Bluetooth, network, wireless charging, and smart devices on the info bar.
2. Dynamic information stream
Displays basic information such as time.
3. Scenario-based components
Swipe to switch between media controls, navigation components, and more.
4. Ambient ring
Swipe to switch between functional components, such as Navigation and My car.
5. Control bar
Click to vehicle setting, the A/C, application center, etc.

Display settings

You can go to the settings interface from  on the control panel, and tap **General > System > APP management** to manage permissions for third-party applications, as well as view and clear storage space for both the system and applications.

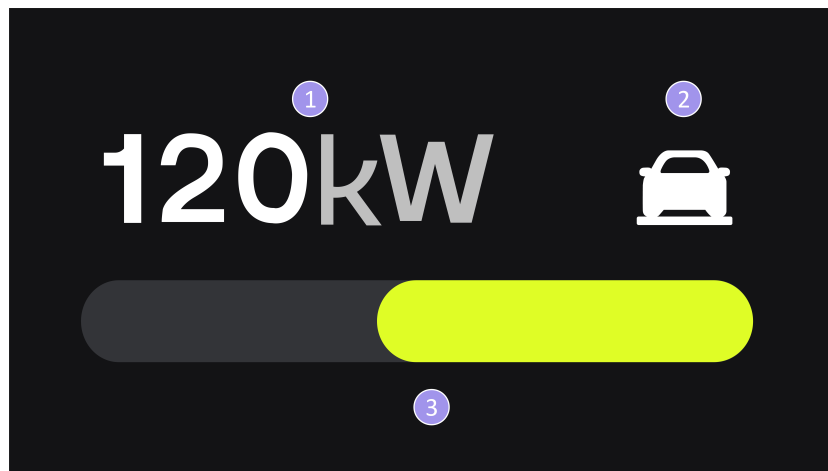
You can go to the settings interface from  on the control panel and tap **Display** to manage the screen brightness, desktop, and fonts of the control panel or instrument cluster.

Gesture control





System gesture	Gesture description
Single-finger swipe down	Swipe down from the top edge of the screen: Bring up the quick access interface
Single-finger swipe left	Swipe left from the right edge of the screen: Bring up the dynamic environment simulation and display
Two-finger swipe up and down	Swipe up and down from the right area of the screen: Adjust the A/C temperature Swipe up and down from the left area of the screen: Adjust the volume
Two-finger swipe right and left	Swipe right and left from the middle of the screen: Adjust the A/C speed

Instrument Cluster

Instrument Cluster Power Zone



1. Real-time power value
Displays the current power output or regenerative braking power value.
2. Drive mode display
Displays the current drive mode, see "Drive Mode" for details.
3. Power progress bar









	<ul style="list-style-type: none"> • Yellow power progress bar indicates the current power output
	<ul style="list-style-type: none"> • Shaded power progress bar indicates that the current power output is limited
	<ul style="list-style-type: none"> • Purple power progress bar indicates the current regenerative braking
	<ul style="list-style-type: none"> • Gray power progress bar indicates the current hydraulic brake compensation












	<ul style="list-style-type: none"> Shaded power progress bar indicates the current regenerative braking is limited
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Instrument Cluster Indicators










Instrument cluster indicators generally include light indicators, function indicators, fault indicators, warning indicators, etc.

If the light and function indicators do not illuminate or extinguish normally, or the fault or warning indicators remain continuously lit, it indicates that certain functions have been disabled or there is a vehicle malfunction. Please contact firefly service.










Symbols on Instrument Cluster	Name	Description
	Auto high beam indicator	This indicator lights up when the auto high beam feature is enabled.
	High beam indicator	This indicator lights up when the high beams are enabled.
	Autohold indicator	This indicator lights up when autohold is activated.
	Position lights indicator	This indicator lights up when the position lights are enabled.
	Low beam indicator	This indicator lights up when the low beams are enabled.
	Automatic regenerative braking indicator	This indicator lights up when the automatic regenerative braking feature is enabled.
	Vehicle ready indicator	This indicator lights up when the vehicle is in ready mode.
	Left turn signal indicator	This indicator flashes when the lighting multifunction control stalk is pushed down.

	Right turn signal indicator	This indicator flashes when the lighting multifunction control stalk is pulled up.
	Hazard warning indicator	This indicator flashes when the hazard warning lights are turned on.
	Parking light on indicator	This indicator lights up when the parking lights are turned on.
	Shift protection indicator	This indicator lights up when the gear shifting is unsuccessful and the vehicle enters shift protection mode.
	Normal indicator of high-voltage battery	This indicator lights up when the high-voltage battery is normal.
	One-pedal mode standby indicator	This indicator lights up when the one-pedal mode is enabled.
	One-pedal mode active indicator	This indicator lights up when the one-pedal mode is activated.
	Emergency lane keep on indicator	This indicator lights up when the emergency lane keep feature is enabled.
	Rear fog lights indicator	This indicator lights up when the rear fog lights are turned on.
	Pedestrian warning alert off indicator	This indicator lights up when the pedestrian warning alert is turned off.
	Parking fault/regenerative braking fault indicator	This indicator lights up in the case of a parking/regenerative braking fault.
	Autohold fault indicator	This indicator lights up in the case of an autohold fault.

	Electronic stability control system operation/fault indicator	This indicator flashes when the electronic stability control system is in operation; this indicator remains on in the case of a fault.
	Electronic stability control system off indicator	This indicator lights up when the electronic stability control system is turned off.
	Low power indicator of high-voltage battery	This indicator lights up when the high-voltage battery is low on power.
	Exterior lights fault indicator	This indicator lights up in the case of an exterior lights fault.
	Drowsiness and distraction warning fault indicator	This indicator lights up in the case of a drowsiness and distraction warning fault.
	Drowsiness and distraction warning indicator for no face detected.	This indicator lights up when the drowsiness and distraction warning detects no face.
	Drowsiness and distraction warning level 1 alarm indicator	This indicator lights up when the drowsiness and distraction warning status triggers a level 1 alarm.
	Lane departure warning off indicator	This indicator lights up when the lane departure warning is turned off.
	Emergency lane keep off indicator	This indicator lights up when the emergency lane keep feature is turned off.
	Electric power steering system fault indicator	This indicator lights up in the case of an electric power steering system fault.







	Lane change assist fault indicator	This indicator lights up in the case of a lane change assist fault.
	Limited power warning light	This warning light illuminates when the drive power is limited.
	Anti-lock braking system fault warning light	This warning light illuminates in the case of an anti-lock braking system fault.
	Tire pressure monitoring system warning light	This warning light illuminates or flashes, then remains on when tires experience issues such as high/low pressure or excessive temperature.
	High-voltage battery cut-off warning light	This warning light illuminates when the high-voltage battery is cut off from supplying power to the vehicle.
	Autonomous emergency braking or forward collision warning off/fault warning light	This warning light illuminates when the autonomous emergency braking or forward collision warning is turned off/malfunctions.
	Rear autonomous emergency braking or reverse collision warning off/fault warning light	This warning light illuminates when the rear autonomous emergency braking or reverse collision warning is turned off/malfunctions.
	Forward/rear autonomous emergency braking or collision warning off/fault warning light	This warning light illuminates when the forward/rear autonomous emergency braking or collision warning is turned off/malfunctions.
	Hands-off reminder status indicator	This indicator lights up when a user takeover is requested with driver assistance enabled.

	Charging cable connected indicator	This indicator lights up when the charging gun is successfully connected.
	Electric parking brake indicator	This indicator remains on after the electric parking brake is enabled; this indicator flashes in the case of a fault.
	Drowsiness and distraction warning level 2 alarm indicator	This indicator lights up when the drowsiness and distraction warning status triggers a level 2 alarm.
	Powertrain system fault warning light	This warning light illuminates in the case of a powertrain system fault.
	Brake system fault warning light	This warning light illuminates in the case of a brake system fault or low brake fluid level.
	Front seat belt unfastened reminder warning light	This warning light illuminates when either the driver's or front passenger's seat belt is unfastened.
	Rear seat belt unfastened reminder warning light	This warning light illuminates when the rear passenger's seat belt is unfastened.
	Airbag fault warning light	This warning light illuminates in the case of an airbag fault.
	Drive motor fault warning light	This warning light illuminates in the case of a drive motor fault.
	Drive motor overheating warning light	This warning light illuminates when the drive motor overheats.
	Low voltage system fault warning light	This warning light illuminates in the case of a low voltage system fault.

	High-voltage battery fault warning light	This warning light illuminates in the case of a high-voltage battery fault.
	High-voltage battery overheated warning light	This warning light illuminates when the high-voltage battery overheats or experiences thermal runaway.
	Lane control assist fault warning light	This warning light illuminates in the case of a lane control assist fault.
	Emergency lane keep restricted warning light	This warning light illuminates when the emergency lane keep feature is restricted.
	Adaptive cruise control fault warning light	This warning light illuminates in the case of an adaptive cruise control fault.
	Driver assistance fault warning light	This warning light illuminates in the case of a driver assistance fault.
	Electric power steering system fault warning light	This warning light illuminates in the case of an electric power steering system fault.
	Accidental acceleration guard fault warning light	This warning light illuminates in the case of an accidental acceleration guard fault.
	Intelligent speed assist fault warning light	This warning light illuminates in the case of an intelligent speed assist fault.

Status Indicators

Status indicator icon	Description
	Park (P)

	Reverse (R)
	Neutral (N)
	Drive (D)
	Comfort mode
	ECO mode
	Sport mode

Vehicle Settings

My car

This interface allows you to view the basic information of your car, as well as set functions such as charging and service.

Control

This interface allows you to set functions such as seats, steering wheels, liftgates, windows, and side mirrors.

Driving

This interface allows you to set functions such as drive mode and Neutral (N) gear mode.

Driver assistance

This interface allows you to set functions such as easy driving, lane safety, and collision avoidance.

Light

This interface allows you to view or set interior and exterior lights.

Display

This interface allows you to set and adjust screen mode, screen brightness, and font size.


Sound

This interface can be used to set and adjust the volume (media volume, voice volume, call volume), sound profile, sound effect, and sound feedback (system sound, pedestrian warning alert, lock confirmation sound, etc.) functions.

General

This interface can be used for system updates, time format settings, language switching, privacy & security, and connection functions, etc.

System Update

Your vehicle is equipped with a remote update system. When the vehicle is connected to the Internet, you can go to the settings interface from  on the control panel, and tap **General > System** to manually upgrade the vehicle system software. You can also use the firefly app for remote updates to keep your vehicle functions up to date.

When there is a system update available for your vehicle, you will receive a notification in a timely manner.


During the update, the control panel will display the progress of this update and the estimated time it will take (which depends on the size of the update package).

Caution

- The system update feature is only available for the owner's account.
- Please exit smart modes such as "Pet mode" / "Neutral (N) gear mode" before upgrading the system.
- Do not connect external devices through the OBD diagnostic port before upgrading the system.
- The system update must be performed when the vehicle is in Park (P) gear and connected to the network.
- The system update process consumes a certain amount of power, so please ensure that the vehicle's battery level is above 20% and plan your travel accordingly before initiating the update.
- The system update may add or update certain features or modify how you typically use them. After the system update is completed, please carefully read the instructions to understand the upgrade content. Exercise caution and avoid misuse or unintended operations that may cause injuries or property damage if you are not familiar with the updated features.
- If the system update fails to start or is unsuccessful, please contact the firefly service immediately.
- Please refrain from modifying vehicle components or software on your own to avoid system update failures that may cause injuries or property damage.

Reset All Settings

You should reset all settings and erase your vehicle data as needed (such as before selling or scrapping your vehicle).

You can go to the settings interface from  on the control panel, and tap **General > System > Reset all settings** to clear the vehicle's local data and restore the default values. The vehicle will then return to the state to be activated (i.e. the language selection interface).

After resetting all settings, your cloud data, system version, and the latest offline packages for each application on the vehicle will be retained, and the key will function normally.

Local data to be cleared include: Account information (account avatar, name, password, etc.), vehicle settings (such as seat position, side mirror position, A/C, etc.), driving settings (such as drive mode, etc.), system settings (such as time, date, etc.), voice recognition-related information, media information, etc.

Caution

- Reset all settings is only accessible to the main user and must be performed while the vehicle is not in motion (in Park (P)) and the charging/discharging gun is not inserted.
- During the reset, the instrument cluster and control panel will go dark and flash. Do not drive the vehicle at this time because it may cause unanticipated consequences.
- After the reset, the vehicle will be returned to inactive status and must be reactivated before it may be used.
- All settings and application data will be reset following a reset. All videos stored in the vehicle will be deleted.
- Reset all settings will not delete the user's personal cloud data, such as: driving preferences, frequently visited destinations in navigation, music playlists, etc.

Contact firefly

If you have any questions about the vehicle or this manual, please contact your local dealer.

If you need assistance in an emergency, please contact your local dealer.

Please note that business strategies may vary across different markets. The "firefly service" in this manual refers to authorized dealer service outlets in their respective regions. For specific details, please contact your local dealer.

Linking Key to Account

When the vehicle is first activated and passes the verification process, the key is bound to the owner's account by default. Subsequently, when using the key to unlock the vehicle, it will automatically load the owner's account data.

The owner can use the firefly app's key management interface to bind the key with authorized accounts. As a result, when authorized users use their corresponding keys to unlock the vehicle, the bound authorized account's content will be automatically loaded. The owner can view bound account information on the firefly app and unbind their accounts. Both the owner and user of the bound account will receive SMS and firefly app notifications upon successful binding or unbinding.


Caution

- The key's binding to the account can only be modified by the vehicle's owner. Before being bound to the key, additional firefly accounts need to be authorized first.
- The bond between the authorized user and the key is automatically lifted synchronously if the owner ceases authorization.
- Guest mode applies to all keys bound to the owner's account, co-user accounts, and authorized user accounts.

Switching Accounts

You, a co-user, or an authorized user can switch accounts on the control panel to load the corresponding personal settings.

You, a co-user, or an authorized user can switch accounts using the following methods:

- When the vehicle is connected to the Internet or has been previously logged in but is currently offline, go to the settings interface from  on the control panel, tap **My car**, tap **Account Avatar**, and a list of all valid accounts (including the accounts of the owner, the co-user, and the authorized users) will appear. Simply tap the corresponding avatar or nickname to switch accounts. An account needs to be verified (via scanning a QR code on the control panel using firefly app or entering a verification code) before being logged in; you can also swipe down from the top of the control panel to go to the quick page and tap the **Profile avatar** to switch accounts.

Caution

- Switching between accounts can only be performed in the non-driving state.
- In guest mode, the vehicle does not save the set custom options.

Authorized Unlocking

Before lending your vehicle to others, you can authorize registered firefly app users to access and use your vehicle. Authorized users can use the vehicle within the scope of authorization using a phone key verified through the firefly app.

Authorization by Owner

You can manage authorization on "My car" settings interface of the firefly app.

You can add the registered mobile phone number of your co-user or authorized user as an authorized account and set the corresponding permissions. You can add one co-user and a maximum of nine authorized users. After setting the user's authorization, you can tap the profile avatar or user name of the authorized user to view the user's detailed information and authorized features. If the current authorization is active, you can also edit the range of authorized access or disable the user's authorization. An authorized user can only access authorized features, and cannot manage authorization.

Caution

- If authorization is no longer required, please promptly cancel the authorization. Otherwise, the features of the authorized accounts will remain active.
- For safety reasons, if the authorized user is driving, the authorization will only be canceled after the user has parked and locked the vehicle.
- After the vehicle is locked, use the NFC card to unlock and enter the vehicle, the vehicle account will automatically re-login as the owner's account.

Note

Authorized users need to register for the firefly app, and the authorization takes effect immediately after the authorization process is completed.

Unlocking by an Authorized User

An authorized user can unlock the vehicle using their NFC phone key or firefly app. To view the account information of an authorized user, tap their profile avatar on the control panel.

- Unlocking via the NFC key: Place the NFC phone key close to the NFC car reader on the driver's side mirror of the vehicle.

- Remote unlocking via the firefly app: On the firefly app, tap the **Door lock** button on the "My car" page.

Guest Mode

If you lend your vehicle, you can tap your profile avatar on the control panel to set guest mode to protect your privacy.

In the guest mode, only default vehicle features such as A/C, weather and can be used, without accessing personal information like history records or favorites.

To exit the guest mode, you need to enter the gesture password on the control panel.

Caution

- Guest mode can only be set when the vehicle is not in motion.
- The owner, co-user, and authorized users can switch the account mode to guest mode when logged in.

Service Authorization

You, a co-user, or authorized users can initiate service requests to firefly service via firefly app. The service center will temporarily grant service personnel the necessary permissions to provide specific services. Once the service is completed, firefly service will revoke the granted permissions.

Once authorized, service personnel can unlock the vehicle using the NFC phone key within the specified time frame and authorized function scope.

Authorized service personnel are not allowed to manage authorizations, bind keys and other operations.

Caution

You may not be able to view vehicle status in the firefly app during service.

NFC Card Key

You or an authorized user can unlock, lock, and start the vehicle using the NFC card key.

Warning

Please manage your vehicle's phone key and NFC card properly, and do not allow individuals without driving ability or qualifications to sit in the driver seat.

Caution

- Please keep your NFC card key in a safe place to avoid its loss.
- Avoid hitting or bending NFC card key, or placing it in a place with high temperatures, humidity, or strong vibrations.

Unlocking and Locking

Hold the NFC card key approximately 10 mm above the NFC car reader of the driver's side mirror, and the vehicle will automatically unlock or lock.

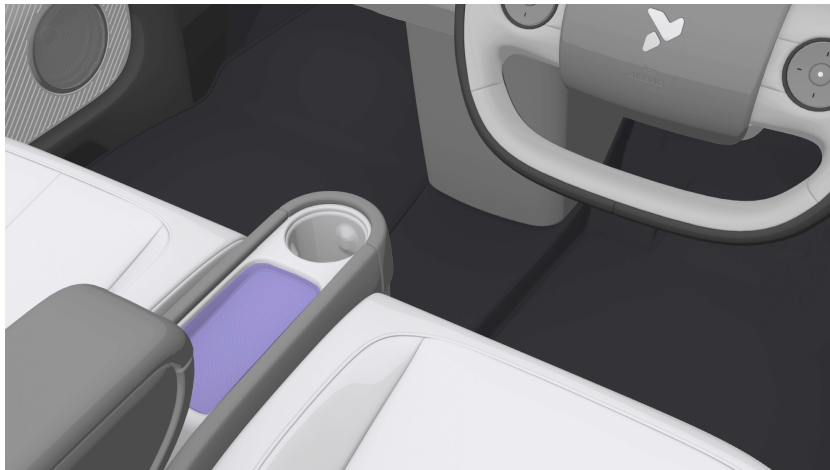


Caution

- When unlocking or locking, do not rub the side mirror housing to avoid damaging the varnish on the housing surface.
- Do not cover the NFC card or vehicle NFC card reader with metallic materials, such as a metallic NFC card cover, metallic car cover, metallic vinyl wrap, or metallic decorative parts, as this may cause the NFC sensing function to malfunction.

Starting the Vehicle

After unlocking the vehicle using the NFC feature, start the vehicle within 3 minutes by getting into the driver's seat, closing the door, pressing the brake pedal and then toggling the gear stalk to the desired position. See "Starting the Vehicle" for details. If you have been outside for more than 3 minutes, you need to reactivate the NFC key by placing it close to the NFC card reader of the driver's side mirror or by placing it on the storage box in the center console in order to start the vehicle.



Phone Key

You can enable Bluetooth phone key and NFC phone key on the firefly app.

Warning

Please manage your vehicle's phone key and NFC card properly, and do not allow individuals without driving ability or qualifications to sit in the driver seat.

Bluetooth Phone Key

Once the Bluetooth key is activated on your phone, you can unlock, lock, and start the vehicle using just your phone.

You can create a Bluetooth phone key in the "Key management" interface of the firefly app.

1. Turn on the Bluetooth function of your phone, keep close to the unlocked vehicle, and then go to the firefly app **My car > Key management > My key**;
2. Match the Bluetooth of the vehicle to the Bluetooth of the mobile phone according to the guide information, then obtain and activate the Bluetooth phone key;
3. After successful activation, you can use the Bluetooth phone key function normally. When approaching the vehicle with a previously paired Bluetooth phone key, the app will automatically connect to the vehicle.

Note

If you have trouble accessing your Bluetooth phone key, or are having other difficulties, you can contact firefly service for assistance.

You can check whether the Bluetooth phone key is connected to the vehicle on the firefly app "My car" interface, or manage the Bluetooth phone key on the "Key management" interface.

When the vehicle is in the parked state, with Bluetooth enabled on your phone and within the vehicle's Bluetooth connection range (about 30 to 70 m, depending on the Bluetooth connection status), the Bluetooth key supports the following features:

- **firefly app operation:** Unlock and lock the vehicle in the "My car" interface.
- **Near field operation:** e.g. keyless unlock, walk-away auto lock, etc.

After unlocking the vehicle with the Bluetooth phone key, getting in the driver's seat, closing the door, pressing the brake pedal, and then toggling the gear stalk to the desired position, you can start the vehicle. See **Starting the Vehicle** for details.

Caution

- The Bluetooth phone key will take some time to start. Please turn on the Bluetooth of your phone in advance.
- If locking or unlocking fails due to a Bluetooth connection issue, please reconnect the Bluetooth and try again.
- When using the Bluetooth phone key to start the vehicle, if the Bluetooth connection fails, please reconnect the Bluetooth and try again.
- For vehicle safety reasons, when a user actively logs out of the account on the current device or logs onto other devices, the Bluetooth phone key on the original device will be deleted automatically. Reactivation is required upon logging back to the account.
- The activation status of the Bluetooth phone key will be saved to your phone. If you switch to a new phone, you will need to create a new Bluetooth phone key after logging to your account, and the Bluetooth phone key on the old phone will be automatically disabled.
- If you plan to continue using your old phone after replacing it with a new one, please manually ignore the paired phone key in your old phone's **Setting > Bluetooth**.
- Both the owner and authorized users can create a Bluetooth phone key, but the number of paired Bluetooth phone keys for a vehicle is limited.
- If you lock the vehicle with passengers inside, the doors can still be opened from the inside, but this will trigger the anti-theft alarm.

NFC Phone Key

You or an authorized user can unlock, lock, and start the vehicle using an NFC-enabled phone.

You can activate your phone's NFC key in the "Key management" interface of the firefly app.

1. In the firefly app, go to **My car > Key management > My key** to obtain the NFC phone key according to the guide information;

2. Turn on your phone's NFC feature and set the firefly app as your default payment app.

Caution

- Each account can only be bound with one NFC phone key. If you switch to a new phone, you will need to create a new NFC phone key after logging to your account, and the NFC phone key on the old phone will be automatically disabled.
- When using the NFC phone key, ensure that your phone is powered on and some models may also require you to wake up the screen first.
- If you are not able to obtain a valid NFC key, please log in to the firefly app again to download it.
- If no valid NFC key is detected, please confirm that the vehicle is linked to the current account, enable the NFC key feature again and unlock your phone.
- Unfortunately, due to the lack of NFC permission from Apple for this model, the iOS system is currently not supported. Also, due to some system features, a few other devices may not be able to use the NFC function normally.

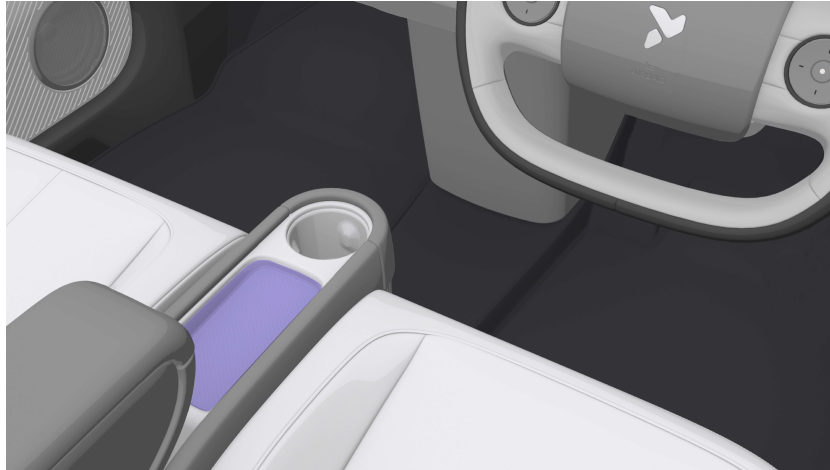
Once the NFC phone key is obtained, you or an authorized user can use it to unlock, lock, and start the vehicle.

- **Unlocking and Locking:** Hold your phone's NFC key approximately 10 mm above the NFC car reader of the driver's side mirror, and the vehicle will automatically unlock or lock.



- **Starting the Vehicle:** After unlocking the vehicle with the NFC phone key, start the vehicle within 3 minutes by getting into the driver's seat, closing the door, pressing the brake pedal, and then toggling the gear stalk to the desired

position. See **Starting the Vehicle** for details. If you have been outside for more than 3 minutes, you need to reactivate the NFC key by placing it close to the NFC card reader of the driver's side mirror or by placing it on the storage box in the center console in order to start the vehicle.



Authorization of the Phone Key

Car owners can authorize their phone key to other users in the firefly app:

1. Tap the vehicle icon on the top right of the My car page to enter the Vehicle Status page, then tap the gear on the top right of the Vehicle Status page to enter the Settings page.
2. Tap "Vehicle authorization" in the "Settings" section.
3. Tap the add mark in the "General authorization" section.
4. Type in the name of the target account and tap on the right result.
5. Adjust the authorizing scope and tap "Add Driver" to confirm.
6. The authorized account shall be shown in the list below "General authorization". The authorization can be disabled temporarily and enabled again by switching the switch beside.

The general steps for an authorized account to obtain the phone key are as follows:

1. The authorized user can switch to the authorized car in the car list at the top left of the My car page immediately after authorized.
2. By tapping the gear at the top right of the My car page, the user can enter the setting page and enter the "Key management" page by tapping on "Keys" in the "Settings" section.

3. By clicking on "Get a new key", the authorized user can find the option cards for obtaining the Bluetooth phone key and NFC phone key.


Deauthorization of the Phone Key


- **Car owner:** revoking other users.
The car owner can recall the key authentication from the authorized user by selecting the authorized user in the "Vehicle authorization" page, tapping the deleting button on the top right of the user page and confirming. The authorized user shall be removed from the list immediately afterwards.
- **Authorized account:** delete phone key.
The authorized user can delete the authorized key immediately by clicking on "Delete" on the key card. The key card shall be removed from the list after confirming.

Find My Car

View Vehicle Location

Both you and authorized users can use the firefly app to check the vehicle's parking location.


You can go to the settings interface from  on the control panel, and tap **General > Privacy & security > Permission** to enable or disable this feature.

When the feature is enabled and the vehicle is connected to the network, after you park the vehicle and leave, you can tap  on the map card in the "My car" interface of the firefly app to view the current location of the vehicle.

By tapping the current location, you can view the specific geographic location of the vehicle in the map, as well as the distance between the vehicle and the current phone.

Find My Car Alert



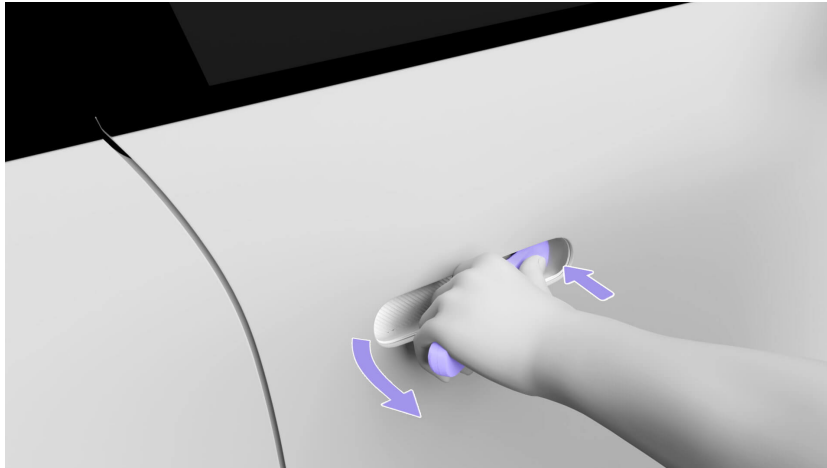
When your phone is connected to the vehicle within a range of 30-70 m (distance may vary based on signal strength), you can tap  button in the "My car" interface of the firefly app to locate your vehicle. Then, the vehicle will emit sound and light alerts to indicate the precise location of your vehicle. Press the button again to disable the Find My Car alert, otherwise it will be automatically turned off in 10 seconds.

Doors

Caution

Before opening the door, check the surrounding environment of the vehicle to ensure that it is safe to avoid accidents.

Open the Door from Outside

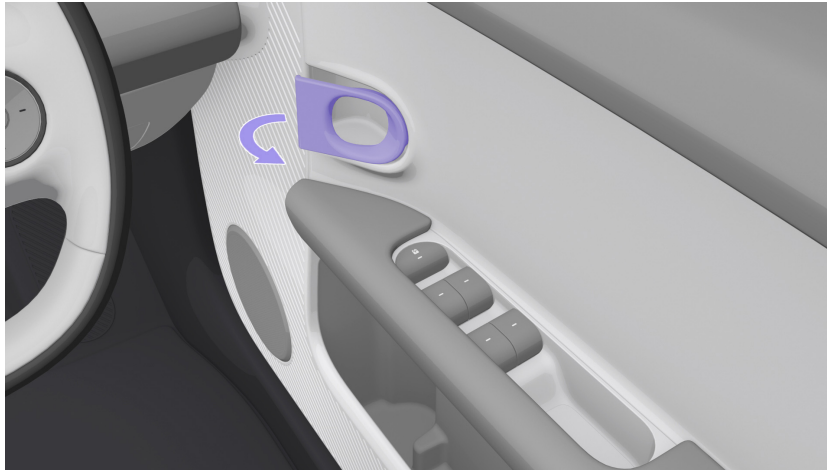


- After unlocking the vehicle with a valid key such as NFC, press the front end of the outer door handle with your thumb to lift it up, then pull the handle to open the door.
- After approaching the vehicle with a valid Bluetooth phone key, pull the driver door outer handle once to unlock and open the door.

Caution

In cold weather, if the outer handle is frozen and cannot be unfolded due to icing, moderately knock on the outer handle and the surrounding door panel area. After the ice layer is broken, pull the outer handle to open the door. If the outer handle is completely frozen, do not forcefully break the ice, so as to avoid damaging the door or the outer handle. At this time, you can try to open other doors, or contact the firefly service for help.

Open the Door from Inside



You can pull the inner door handle to unlock or open the door. Pull once in the unlocked state and twice in the locked state. After the door slightly pops open, push the door outward to open it.

Manual Liftgate

You can open the liftgate in the following ways:

- Liftgate button
- Control panel
- firefly app

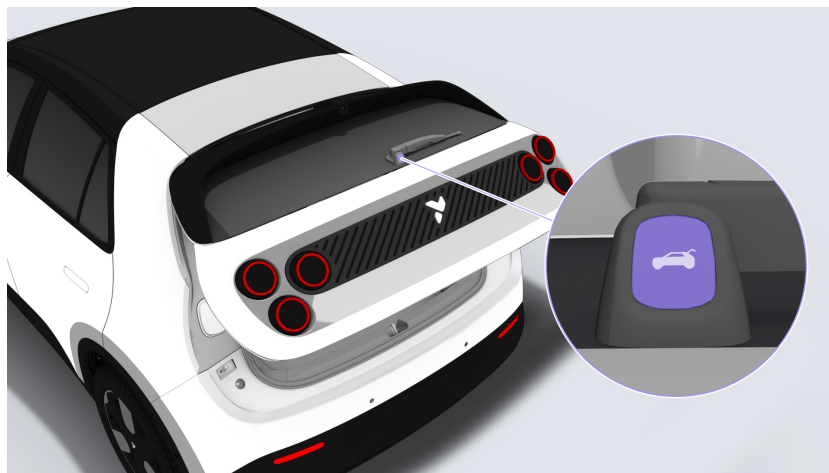
Warning

- When driving, make sure the liftgate is closed.
- Before opening or closing the liftgate, make sure there are no obstacles (people or objects) near the opening or closing path of the liftgate to avoid personal injury or property damage.

Caution


Before opening the liftgate, please remove any materials stuck to it (e.g. snow and ice) to prevent the liftgate from closing abruptly.

Open the Liftgate with a Button




When the vehicle is unlocked or the Bluetooth phone key is sensed, press the mechanical button on the rear wiper base and the liftgate will pop open; then, you can pull up the liftgate from the edge where the liftgate pops up and open it to a suitable height.

Open the Liftgate with the firefly app

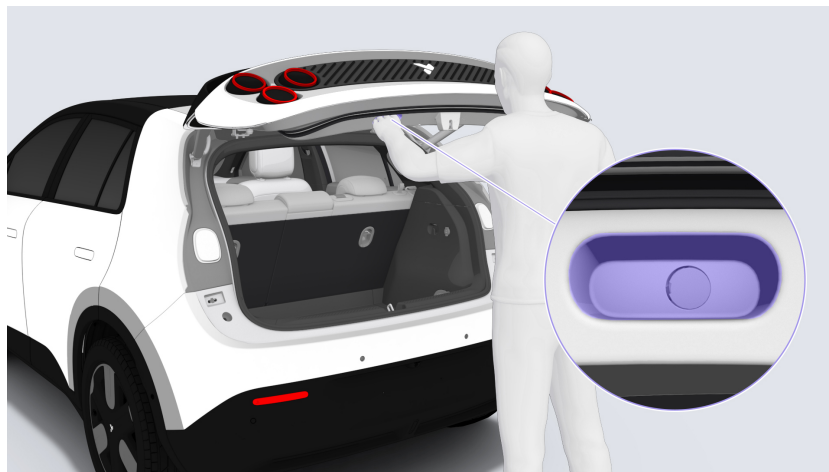
When the vehicle is stationary, you can enter the "My car" interface of the firefly app and tap  to open the liftgate. Then, you can pull up the liftgate from the edge where the liftgate pops up and open it to a suitable height.

Open the Liftgate with Control Panel

After the vehicle is in park (P), you can go to the settings interface from  on the control panel, and long press **Control > Doors & windows > Long press to unlock the trunk** button to unlock the liftgate. Then, you can pull up the liftgate from the edge where the liftgate pops up and open it to a suitable height.

Close the Liftgate Manually

After the liftgate is opened, you can pull the inner liftgate handle to close the liftgate smoothly.



Caution

Avoid opening or closing the liftgate vigorously and quickly, as this may result in components damage.

Hood

Caution

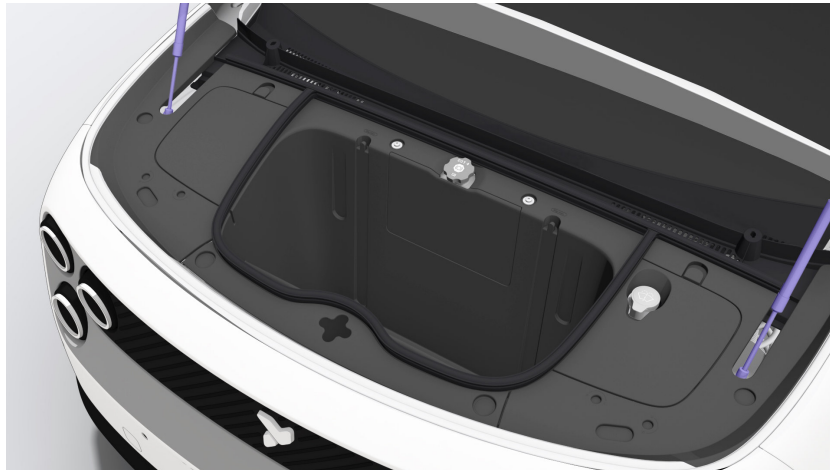
- Before driving, always ensure that the hood is properly closed. If the hood accidentally opens while driving, it may obstruct the view, potentially leading to serious injury or even endanger life.
- Before opening or closing the hood, make sure there are no obstacles near its opening or closing path to avoid personal injury or property damage.
- Do not enter the front trunk, and do not place infants, children, or pets inside the front trunk. When anyone gets trapped in the front trunk, do not close the hood to avoid accidents.
- To prevent damage to the hood or the front wiper, make sure the front wiper is not lifted before opening the hood.

Caution

- In cold weather, if the hood freezes shut, gently tap the edges of the hood or pour lukewarm water (not exceeding 65°C) along the gap between the hood and the vehicle body. Once the ice has melted, you can then attempt to open it.
 - If the hood is completely frozen, do not attempt to force it open by breaking the ice, as this may cause damage. It is recommended to move the vehicle to a warmer environment and allow the hood to thaw before attempting to open it. Alternatively, please contact firefly service for help.
1. Pull the handle under the driver's side of the instrument cluster twice to release the hood.



2. Lift the hood and ensure it is securely supported.



When closing the hood, first lower it gently while holding it with your hand, then press down on the central area of front edge to ensure it is fully closed.

Caution

- Before closing the hood, verify that the hood closing area is clear.
- When closing the hood, do not close it forcefully or allow it to fall freely.

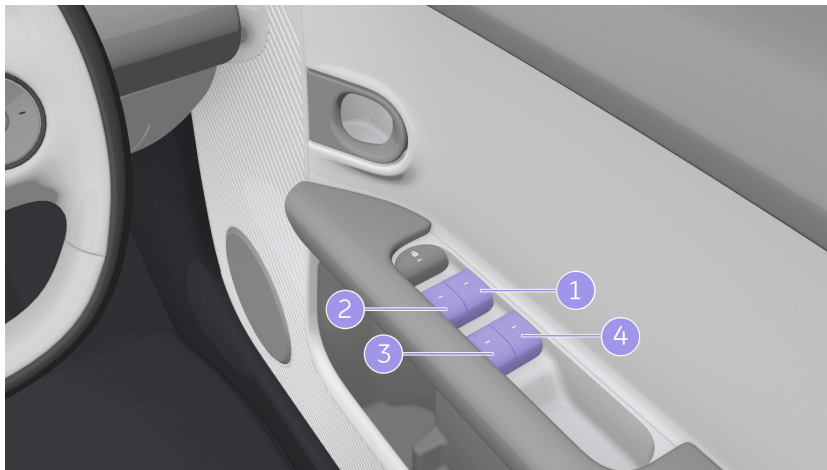
Windows

Warning

For your safety, do not stick your head or hands out of a moving vehicle.

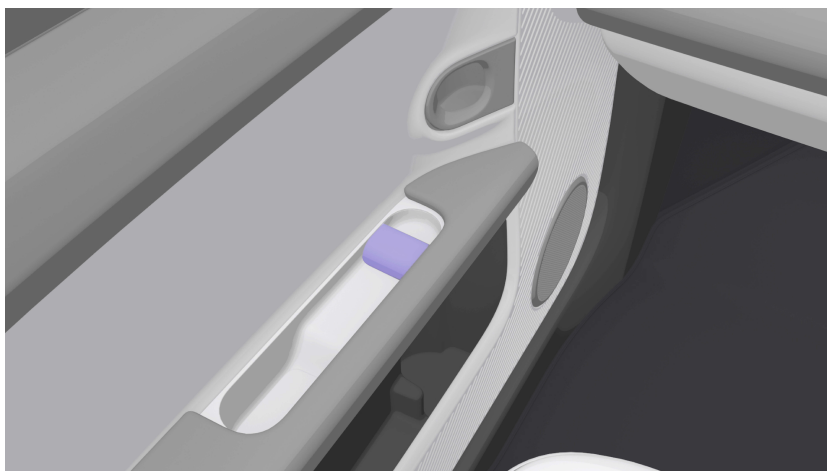
Window Switches

The driver's door armrest is equipped with a switch to control all four windows, allowing the driver to manage all windows conveniently.



1. Driver window
2. Front passenger window
3. Rear left window
4. Rear right window

Each of the other three door armrests has a corresponding window switch, allowing passengers to operate windows.




The window switch has two positions and you can operate the window as follows:

- **Manual up/down:** Pull up or press down the switch to the first position to control the window's movement. Releasing the switch will stop the window at its current height.
- **Auto up/down:** Pull up or press down the switch to the second position to open or close the window automatically. Pulling up or pressing down the switch again during movement interrupts the current movement.

Caution

Before controlling windows, ensure no passengers (especially children) extend any part of their body out of the windows as this could cause serious injury.

Auto Close Windows When Locked


When the vehicle is parked, to simplify the locking operation, you can go to the settings interface from  on the control panel and tap **Control > Doors & windows > Auto close window when locked** to turn on or off this feature.

When the feature is turned on, all windows will be closed automatically when you lock the vehicle using external locking methods (e.g. NFC, firefly app).

Caution

- Please ensure that the vehicle is securely locked before activating auto close windows when locked.
- If the lock operation is performed while the windows are in the process of closing, the windows will stop closing. In this case, you can first initiate an unlock operation, and then lock the vehicle again to enable auto close windows when locked.

Auto Close Windows in Rain


You can go to the settings interface from  on the control panel, and tap **Control > Doors & windows > Auto close windows in rain** to turn on or off this feature.

When the feature is turned on, all windows will automatically close when the vehicle is powered off, but the system detects rain.

Caution

Even if you have activated auto close windows in rain, for the safety of the vehicle, please check and make sure that windows are fully closed when you leave the vehicle.

Rear Windows Lock

You can go to the settings interface from  on the control panel and tap **Control > Doors & windows > Rear windows lock** to turn on or off this feature.

When the rear windows lock feature is turned on, the window switch on the rear door armrest will be disabled, and you can only control the rear windows through the window switch on the driver's side.

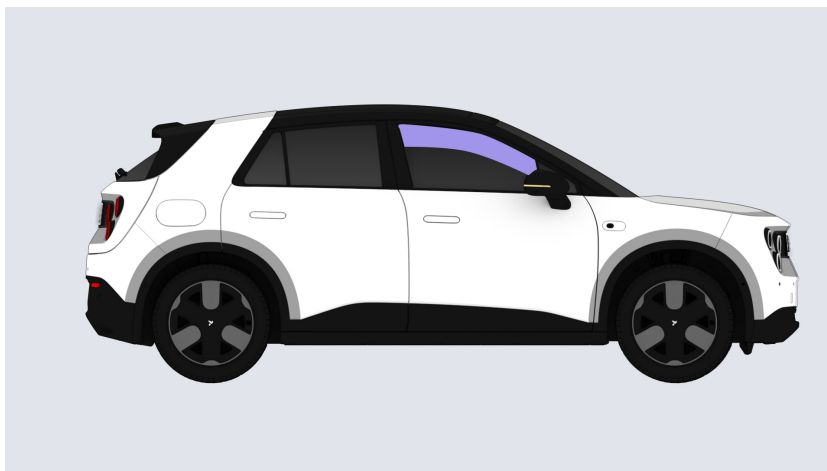
Note

After the rear window lock is turned on, only the rear window switch control feature will be disabled, and it will not affect the rear window control in other modes (such as auto close windows when locked, auto close windows in rain, pet mode, etc.).

Anti-pinch Protection of Windows

The four windows have anti-pinch protection. When there is a foreign object blocking the closing window, the window will stop and reopens partially.

The area subject to anti-pinch protection is shown in the figure below:

**Warning**

- When closing the windows, do not extend any part of your body or other objects in or out;

- While the windows are equipped with an anti-pinch feature, closing the windows without attention or control may still result in accidental injuries;
- Please do not test the anti-pinch feature because it may malfunction and cause injury due to external factors.
- Do not allow people who are unable to take care of themselves (such as children) to operate the windows, to avoid causing personal injury or property damage.

In the following cases, the anti-pinch protection function and one-touch windowraising function of the corresponding windows will be temporarily disabled and automatically restored after 10 seconds:

- When the window ices up and the closing motion is interrupted.
- The window closing stopped when anti-pinch protection triggers twice consecutively shortly after initial activation.

If one of the following scenarios occurs while using the vehicle:

- The one-touch window-raising and anti-pinch protection features fail (such as restarting after a 12V battery is powered off).
- The firefly app indicates that the window needs to be calibrated.

Please initialize as follows:

1. Pull the corresponding window switch to raise the window glass to the top;
2. Push the switch to lower the window glass slightly;
3. Pull the switch again to raise the window glass to the top;
4. Press the switch to lower the window glass as far as it will go.

If the problem persists, please contact firefly service.

Lock Settings

Unlock Mode

You can set the unlock mode of the vehicle via the control panel.

You can go to the settings interface from  on the control panel, tap **Control > Doors & windows > Unlock**, and select

- **Driver's door:** Only the driver's door unlocks when the vehicle is unlocked from the outside.
- **All doors:** All doors unlock simultaneously when the vehicle is unlocked from the outside.

Note

Auto unlock in park (P) and unlock by control panel are full-vehicle unlock and are not affected by **Unlock mode**.

Auto Unlock in PARK (P)

After parking and manually shifting to park (P), the vehicle automatically unlocks without requiring manual button tapping on the control panel.

You can go to the settings interface from  on the control panel and tap **Control > Doors & windows > Auto unlock in PARK (P)** to turn on or off this feature.

Walk-away Auto Lock

The vehicle auto-locks when parked, detecting your departure beyond 8 m with a valid Bluetooth phone key.

You can go to the settings interface from  on the control panel and tap **Control > Doors & windows > Walk-away auto lock** to turn on or off this feature.

It is recommended to use the walk-away auto lock feature in a familiar and safe parking area, and to confirm the vehicle status via the firefly app after you are away from the vehicle.


Upon successful locking, the system emits a lock confirmation sound with synchronized turn signal flashes.

Caution

- After walk-away auto lock is enabled, make sure that no children or pets are left in the vehicle before you leave so as to prevent accidents.
- When leaving the vehicle, you can confirm that the vehicle has been automatically locked and your property is protected through the lock feedback or by visually checking the vehicle's status (headlights or firefly app).
- When there is a valid phone key inside the vehicle or other locking conditions are not met (such as open doors, hood, liftgate, etc.), walk-away auto lock will be disabled.
- DC chargers, high-voltage substations and other equipment with strong magnetic fields produce strong interference that affects the phone key signal. In some cases, this may cause unexpected locking or locking failure.

Lock Confirmation Sound

You can set the horn reminder tone when locking the vehicle through the control panel.

You can go to the settings interface from  on the control panel and tap **Sound** > **Lock confirmation sound** to turn on or off this feature.

Unlocking and Locking on the firefly app

The firefly app can establish a Bluetooth or remote connection with the vehicle. When you are far away from the vehicle, you can go to "My car" interface on the firefly app, and tap **Door locks** to remotely unlock or lock the doors.

To unlock or lock the vehicle on the firefly app, the following conditions must be met at the same time:

- The vehicle is in park (P) and all doors are closed;
- The mobile phone and the vehicle need to be connected to the Internet, and the firefly app and the vehicle must complete remote or Bluetooth connection authentication.

Note

If you are unable to unlock your vehicle through the firefly app, or are experiencing other difficulties, you can contact the firefly service for assistance.

Unlocking and Locking with Central Locking Button

You can unlock or lock the vehicle using the central locking button. The button is located at the armrest inside the driver door.



- When the vehicle is fully unlocked and all doors are closed, press the central locking button to lock the vehicle from inside, and the button indicator light will light up in red.
- When the vehicle is fully locked (not from the outside) or only the driver door is unlocked, pressing the central locking button will unlock the vehicle if the speed is below 5 km/h. The button indicator light will be turned off.
- When the vehicle is fully locked (not from the outside), pulling the inner handle of a side door once will unlock that door and change the central locking to the unlocked state. However, the other side doors will remain locked.

Note

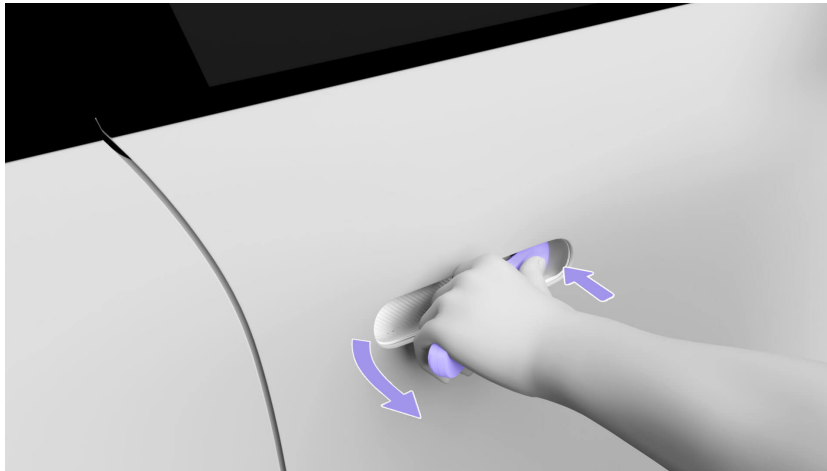
When the vehicle is locked via the central locking, the liftgate cannot be opened from outside via the liftgate button. To open the liftgate, unlock the vehicle first.

Keyless Unlocking

Outer Handle Unlocking

When you have a valid Bluetooth phone key close to the vehicle,

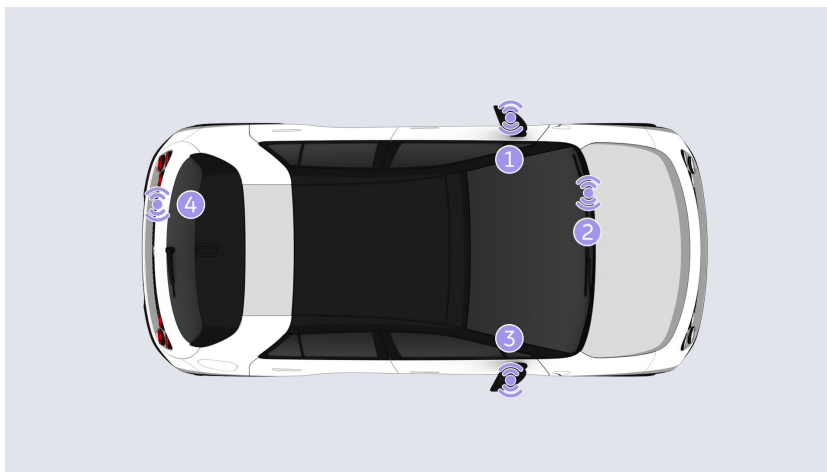
- by pulling the driver door outer handle once, the vehicle will unlock the driver's door or all doors according to the current **Unlock** mode setting.
- By pulling the front passenger door outer handle once, the vehicle will unlock all doors.



Once the vehicle is unlocked, if either door is not opened within 30 seconds, it will automatically relock.

Bluetooth Antenna

Location of the interior Bluetooth antenna:



1. Inside left side mirror

2. Inside the central computing cluster module at the rear of the instrument cluster
3. Inside right side mirror
4. Above the rear bumper bracket (left side)

Warning

People with implanted pacemakers must remain at least 22 cm away from the Bluetooth antenna inside the vehicle to avoid any interference between the keyless unlocking system and their pacemaker's functionality.

Drive-Away Auto Lock

When the vehicle is unlocked and all doors, hood, and liftgate are closed, the vehicle will automatically lock as it reaches a speed of 8 km/h or higher.

Note

When you start driving after the vehicle has been stationary, the automatic locking feature will only be triggered once.

Vehicle Anti-Theft System

Automatic Relock

After unlocking the vehicle from outside using an NFC key, etc., if you do not open any doors or perform other vehicle operations within 30 seconds, the vehicle will automatically relock for safety.

Anti-Theft Alarm

When the vehicle (including the hood and liftgate) is locked from outside using the key, the anti-theft alarm system will be automatically activated.

If someone attempts to open any door of the vehicle (including the hood and liftgate) without a valid key or authorization, the vehicle will automatically trigger the anti-theft alarm and issue an audible and visual warning through the horn and turn signals. You can disarm the anti-theft alarm by unlocking the vehicle from outside using an NFC key.

Caution

The alarm system will trigger an alarm when a door is opened illegally. To ensure vehicle safety, park in a safe place and remove valuable items before leaving the vehicle.

USB Port

There are 2 Type-C USB ports in the vehicle.

Location: Front armrest box



1. Type-C (18W) port: For mobile device charging.
2. Type-C (60W) port: For USB audio source connection and mobile device charging.

12V Power Supply

Trunk 12V Power Supply

The trunk is equipped with a 12V power outlet, with a maximum power of approximately 180W.



Warning

Do not insert fingers or objects into the power supply outlets to avoid accidental injury.

Caution

Please always cover the 12V power supply outlet when it is not in use, so as to prevent liquid or debris from entering the power supply outlet.

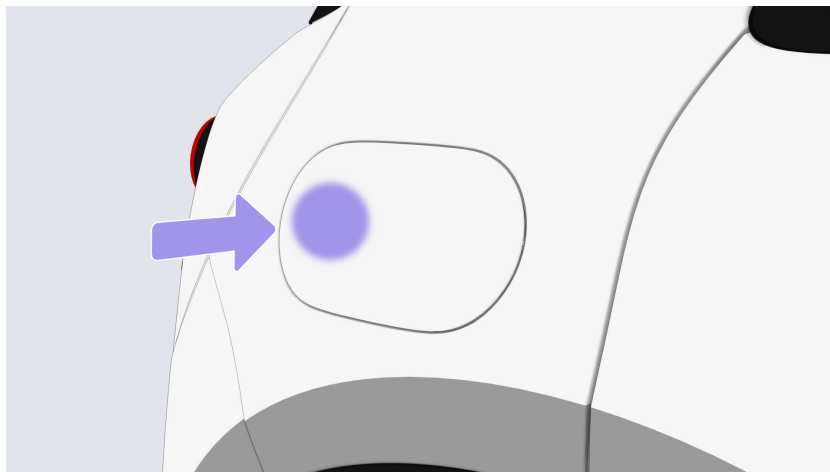
Vehicle Charging

You can charge the vehicle on both home charger and public charger, and there are two ways to charge the vehicle:

- Charging with an AC charger: Slow charging can be achieved by connecting an AC charger to a slow charge port, such as a home charger or a personal parking space charger. Slow charging can also be achieved via an AC charger in public places such as public parking lots, large supermarkets, and charging stations.
- Charging with a DC charger: Fast charging can be achieved by connecting a DC charger to a fast charge port. DC chargers are usually installed in public parking lots, supermarkets, charging stations and other public places.



AC Charging Process

1. After the vehicle is unlocked, press the charge port cover in the following area, and the charge port cover can be manually opened.



2. Check whether the charging connector and charging equipment are in good condition, align the charging gun to the charge port of the vehicle, then the charging gun and the charge port will start matching:
 - If the charge port indicator light is not on, it indicates that the charging gun is not correctly plugged in. Please check or reinsert the charging gun.
 - If the charge port indicator light is breathing in yellow and white, it indicates that the charging gun is plugged in correctly but not charging.
 - If the charge port indicator light is breathing in green, it indicates that the vehicle has entered the charging process.



3. After charging starts, you can go to the settings interface from  on the control panel, and tap **My car > Charging management** or check the current charging status on the firefly app.
4. When the charging is completed, unlock the entire vehicle and press the charging gun unlock button before unplugging the charging gun. If you need to manually stop charging, go to the settings interface from  on the control panel, tap **My car > Charging management > Stop charging** or tap "Stop charging" in the firefly app, and then unplug the charging gun when the charge port indicator light is breathing in yellow and white. After unlocking the vehicle, press the charging/discharging manual stop button directly to stop charging and then unplug the charging gun.



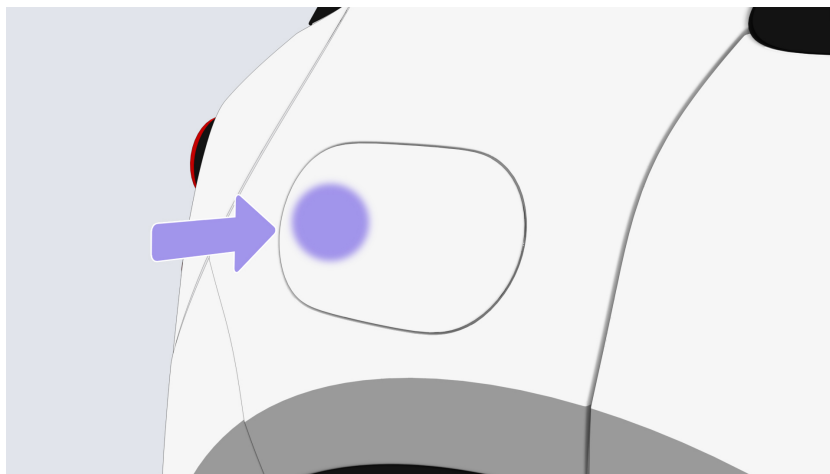
Caution

- The charging gun can only be pulled out after full-vehicle unlocking.
- While charging, the charging gun must be fully plugged in and then released after being handheld for 2 seconds. If the charging indicator flashes red, try charging 1-2 more times with the charging gun according to the above steps. If charging still fails, try replacing the charging gun.

- When plugging or unplugging the charging gun, please face the charging socket. If the charging gun is stuck, try to lift it slightly. Do not forcibly shake the charging gun while plugging or unplugging it to prevent damaging the charging gun or charging socket.
 - During the charging process, do not forcefully pull out the charging gun directly, as this may cause damage to the charging socket, and in extreme cases, it may endanger personal safety.
 - If the indicator of the charge port flashes red during charging, switch to another charger and try again. If the indicator is still flashing red, stop charging immediately and contact the firefly service.
 - After charging is complete, please wait 3 seconds before disconnecting the charging gun, to avoid pulling it out too quickly which may cause an arc and result in personal injury.
 - After charging, it is essential to replace the dust cap on the charge port base to prevent water and dust ingress. Additionally, avoid closing the cover before the dust cap replaced, as this may damage the dust cap cable or jam the locking mechanism of the charge port cover.
5. After unplugging the charging gun, place it properly and manually press the charge port cover to close it.

DC Charging Process

1. After the vehicle is unlocked, press the charge port cover in the following area, and the charge port cover can be manually opened.





2. Remove the DC port dust cap, check whether the charging connector and charging equipment are in good condition, align the charging gun to the

charge port of the vehicle, then the charging gun and the charge port will start matching:

- If the charge port indicator light is not on, it indicates that the charging gun is not correctly plugged in. Please check or reinsert the charging gun.
- If the charge port indicator light is breathing in yellow and white, it indicates that the charging gun is plugged in correctly but not charging.
- If the charge port indicator light is breathing in green, it indicates that the vehicle has entered the charging process.



3. After charging starts, you can go to the settings interface from  on the control panel, tap **My car > Charging management** or check the current charging status on the firefly app.
4. When the charging is completed, unlock the entire vehicle and press the charging gun unlock button before unplugging the charging gun.
If you need to manually stop charging, go to the settings interface from  on the control panel, tap **My car > Charging management > Stop charging** or tap "Stop charging" in the firefly app, and then unplug the charging gun when the charge port indicator light is breathing in yellow and white.
After unlocking the vehicle, press the charging/discharging manual stop button directly to stop charging and then unplug the charging gun.



Caution

- The charging gun can only be pulled out after full-vehicle unlocking.
 - While charging, the charging gun must be fully plugged in and then released after being handheld for 2 seconds. If the charging indicator flashes red, try charging 1-2 more times with the charging gun according to the above steps. If charging still fails, try replacing the charging gun.
 - When plugging or unplugging the charging gun, please face the charging socket. If the charging gun is stuck, try to lift it slightly. Do not forcibly shake the charging gun while plugging or unplugging it to prevent damaging the charging gun or charging socket.
 - During the charging process, do not forcefully pull out the charging gun directly, as this may cause damage to the charging socket, and in extreme cases, it may endanger personal safety.
 - If the indicator of the charge port flashes red during charging, switch to another charger and try again. If the indicator is still flashing red, stop charging immediately and contact the firefly service.
 - After charging is complete, please wait 3 seconds before disconnecting the charging gun, to avoid pulling it out too quickly which may cause an arc and result in personal injury.
 - After charging, it is essential to replace the dust cap on the charge port base to prevent water and dust ingress. Additionally, avoid closing the cover before the dust cap replaced, as this may damage the dust cap cable or jam the locking mechanism of the charge port cover.
5. After unplugging the charging gun, place it properly and manually press the charge port cover to close it.

Charging Indicators

Charge port indicator status	Description
Yellow-white breathing	Plugged in, not charging Plugged in, scheduled charging in progress Charging stopped manually
Green breathing	Charging
Green solid	Charging complete
Red solid	Charging fault

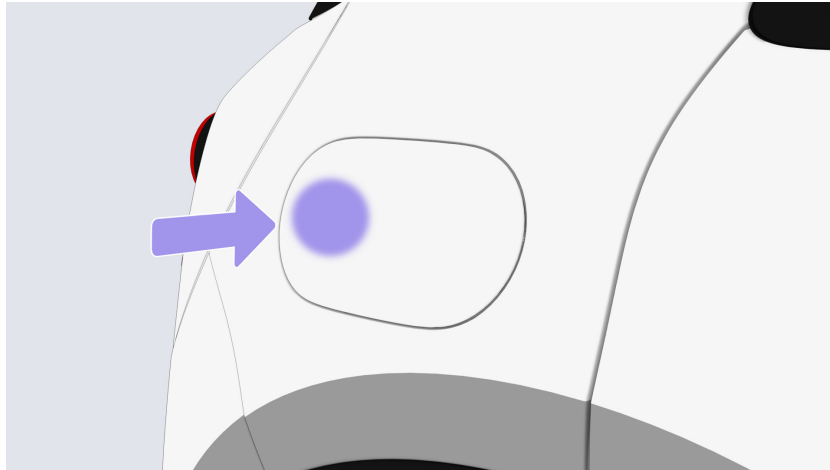
Logo light status	Description
White breathing	Charging
White solid	Charging complete


Vehicle Discharging

You can use the vehicle's AC charge port and discharging gun to utilize its power for discharging, enhancing various camping scenarios.

Discharging Process

1. After the vehicle is unlocked, press the charge port cover in the following area, and the charge port cover can be manually opened.



2. Check if the discharge device is intact, and connect the discharging gun to the vehicle's slow charge port.
3. You can confirm the start of discharging by going to the settings interface from  on the control panel, and tapping **My car > Charging management**, or using the firefly app. Then, check the current discharging status and set the discharging limit on the charging management interface.
4. When the discharge is complete, unlock the vehicle before unplugging the discharging gun.
During the discharge process, you can manually stop discharging using the following methods before unplugging the discharging gun:
 - On the settings interface of the control panel, tap the "Stop discharge" button
 - Use the firefly app to stop the discharge
5. After unplugging the discharging gun, properly stow the discharge device and manually press the charge port cover to close it.

Caution

- A special discharging gun is required for external discharge of vehicles, which allows external discharge with a maximum output power of 3.68kW and is convenient for outdoor use of electrical equipment.
- When the vehicle is discharging externally, do not use appliances that exceed the maximum discharge power.
- Before discharging, confirm that the remaining battery power of the vehicle is greater than 20%, otherwise the discharging feature is not available.
- Before plugging the discharging gun, make sure that it is clean and dry.

Warning

- Do not directly touch the discharging device and socket after the discharging feature is enabled to avoid personal injury or even death.
- Never operate electrical device while it is powered on, and pay attention to safety inspection.
- Never operate with wet hands.

Discharge Indicators

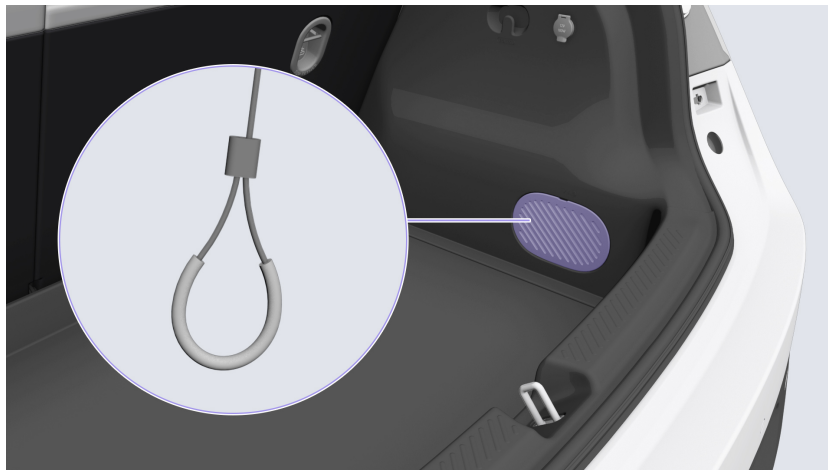
Discharge port indicator status	Description
Yellow-white breathing	Plugged in, not discharging Discharging stopped manually
Green breathing	Discharging
Green solid	Discharge complete
Red solid	Discharge fault

Logo light status	Description
White breathing	Discharging
White solid	Discharge complete

Emergency Unlocking of AC Charging Gun

If the charging gun cannot be removed even after unlocking the entire vehicle, please follow these steps to unlock it:

1. Stop the charging/discharging again by tapping **Charging/discharging manual stop button** on the control panel or on the firefly app to unlock the charging gun.
2. Re-insert the charging gun firmly to ensure the unlock button pops up. Then, press and hold the charging gun unlock button for 1 to 2 seconds before attempting to remove the charging gun.
3. Use the emergency release cable on the charging base to unlock the charging gun: You can use the removal hook in the vehicle tool box to remove the corresponding cover of the trunk, pull the emergency release cable of the charging base, and then try to remove the charging gun.




Caution

Only use the emergency unlocking cable of the charge port base to unlock the charging gun for emergencies. Frequent use may damage the emergency unlocking cable or charging equipment.

4. If you still cannot remove the charging gun, stop charging immediately and contact the firefly service.

Vehicle Battery and Charging Display

Control Panel Charging Settings

You can go to the settings interface from  on the control panel and tap **My car > Charging management** to view the current charging status and configure charging settings:


- Remaining charging time
- Remaining range
- Start and stop charging
- Charging limit

You can set your desired charging settings on the control panel before charging or after parking. When the set charging limit is reached, charging will automatically stop, and you will be notified on the digital instrument cluster. By default, the charging limit is set to 100%, but you can adjust it using a slider within the range of 40%-100%.

Caution

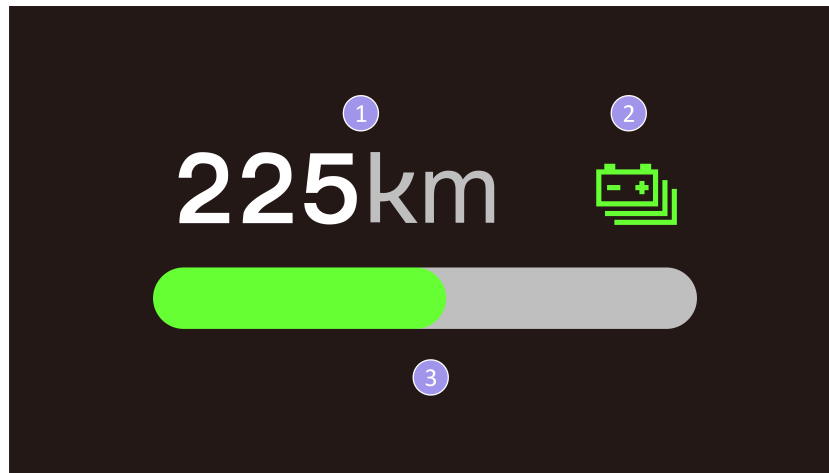
Please regularly use the charging equipment to charge the high-voltage battery to 100% (it is recommended to fully charge at least once a week), so that the vehicle can calibrate the power and range.

- **Information about charging process**
The **Charging current** can be set based on your requirements when using AC power for charging.

You can go to the settings interface from  on the control panel and tap **My car > Energy consumption**. This page displays the current energy consumption information and consumption chart, and allows you to reset the current range.



Digital Instrument Cluster Battery Display






The status of the current high-voltage battery and some warning information related to the battery can be displayed on the digital instrument cluster.



1. **Remaining range**
It indicates the range supported by the high-voltage battery in the current state.
2. **Indicator of high-voltage battery level**
This indicator represents the current high-voltage battery level (green indicates that the power is normal, yellow indicates that the power is low.)
3. **High-voltage battery level bar**
This battery level bar indicates the remaining power of the high-voltage battery.


The indicators related to the battery level on the digital instrument cluster are as follows:







Instrument cluster icons	Name	Description
	Indicator of high-voltage battery level	This indicator indicates that the current high-voltage battery level is normal.
	Low power indicator of high-voltage battery	This indicator indicates that the current high-voltage battery is low on power. Please charge it in time. Please contact the firefly service if necessary.

	<p>High-voltage battery cut-off warning light</p>	<p>At this time, your vehicle is not energized by the high-voltage battery. Please contact the firefly service if necessary.</p>
	<p>Low voltage system fault warning light</p>	<p>If this warning light illuminates, please stop the vehicle immediately and contact the firefly service.</p>
	<p>High-voltage battery fault warning light</p>	<p>If this warning light illuminates, please stop the vehicle immediately and contact the firefly service.</p>
	<p>High-voltage battery overheated warning light</p>	<p>If this warning light illuminates, please stop the vehicle immediately and contact the firefly service.</p>
	<p>Charging cable connected indicator</p>	<p>This indicator lights up to indicate that the charging cable is currently connected.</p>

Headlight Control

Headlight Switch


The headlight switch is a composite switch on the control panel. You can go to the settings interface from  on the control panel, and tap **Light > Exterior Lights** to control the exterior lights:

- : Turn off headlights manually.
- : In auto mode, the vehicle automatically controls low beams and position lights based on ambient brightness.
- : Manually turn on the position lights, and the corresponding indicator  illuminates on the instrument cluster.
- : Manually turn on the low beams, and the corresponding indicator  illuminates on the instrument cluster.

Caution

- When you shift the gear from Park (P) to Drive (D) or Reverse (R), the headlight switch automatically shifts to “Auto”.
- The daytime running lights remain on after you switch off the headlights manually while driving.

Headlight Height Adjustment

Tap **Light > Exterior Lights >  Headlight beam range** to adjust the height of the exterior headlights to modify the beam's projection range.

Headlight height adjustment offers 5 preset positions: **Closest IV / Closer III / Medium II / Far I / Farthest 0**. Lower numeric positions correspond to narrower low-beam projection ranges.


Light Effect

The exterior lighting system delivers dynamic light signatures that interact with you based on vehicle status.

You can go to the settings interface from  on the control panel, and tap **Light > Exterior Lights > Light effect** to enable or disable this feature.

You can also tap the upper right corner of **Light effect** to expand the preview to check the animation effects of different light signatures. Currently your vehicle supports 4 dynamic light signatures: **Welcome/Goodbye/Lock/Unlock**.

Follow Me Home

You can go to the settings interface from  on the control panel and tap **Light > Exterior Lights > Follow me home** to set the headlight delay duration after locking the vehicle.


There are 4 options for the switch: **OFF/15s/30s/60s**.




When "Follow me home" is selected, at night or in low-light conditions, the vehicle will automatically illuminate the low beams and position lights to light your way when you lock it and are ready to leave.

Caution

In low-temperature or high-humidity environments, the headlights and taillights of your vehicle may produce fog, frost, etc., which are normal physical phenomena. After your vehicle is parked at room temperature for a period of time, the fog or frost will disappear.


Low Beams

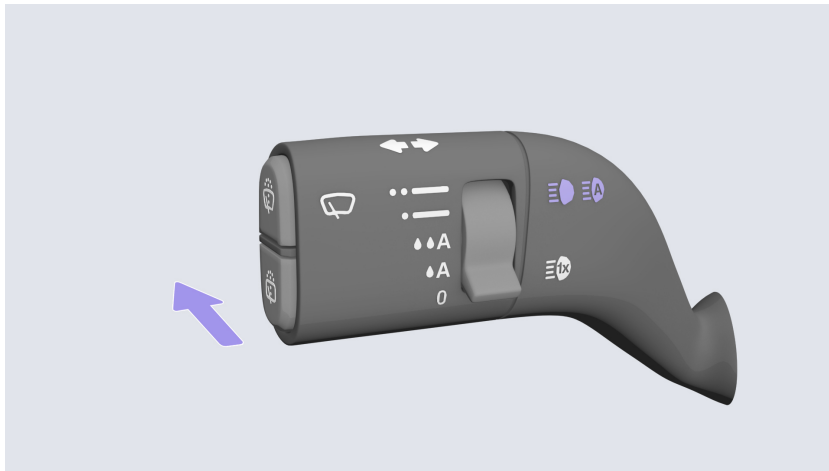
You can go to the settings interface from  on the control panel, and tap **Light > Exterior Lights** to control the low beams through the headlight switch.

- Select  to turn on the low beams.
- Select  to turn on the automatic headlights, and the low beams will automatically turn on or off according to the ambient brightness.
- Select  to turn off the low beams.

High Beams

Manually Turn on the High Beams

When the low beams are on, push the multifunction control stalk forward once to turn on the high beams, and the corresponding indicator  illuminates on the instrument cluster; push the stalk forward again to turn off the high beams.




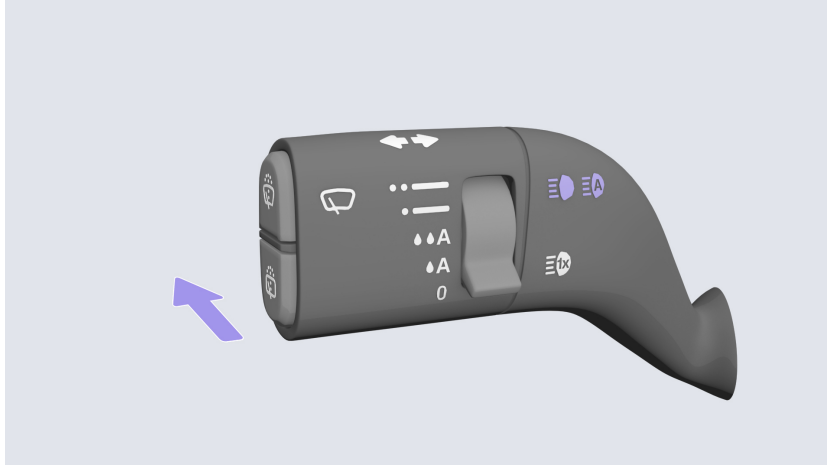
High Beam Flash

Pull the multifunction control stalk backward and release to control the high beams to flash once. By repeatedly and quickly pulling the multifunction control stalk backward, the high beams will flash multiple times to alert other road users.





Auto High Beam

You can go to the settings interface from  on the control panel, tap **Lights > Exterior Lights**, select **AUTO** to turn on the automatic headlights, and then tap **Lights > Exterior Lights > Auto high beam** to enable or disable the auto high beam feature.



If the auto high beam feature is not activated, toggling the multifunction control stalk will only switch the headlights between the high and low beams.

When this feature is enabled and each time the vehicle is started, if the low beams are automatically illuminated, auto high beam will be activated by default and the auto high beam indicator  on the instrument cluster will light up.

- The vehicle will automatically turn the high beams on/off according to the surrounding road environment and lighting conditions. The high beam indicator  on the instrument cluster will also turn on or off accordingly.
- By gently pushing the multifunction control stalk forward, the vehicle will control the headlights to switch between manual high beam control and auto high beam while keeping the auto high beam feature activated.
- Pull the multifunction control stalk backward and the high beams will stay on as the stalk is pulled.
- After pushing the multifunction control stalk forward for more than 1 second, the vehicle will exit the auto high beam mode, switching to the low beam lighting state.
- After exiting the auto high beam feature, gently push the multifunction control stalk forward once to re-activate it.

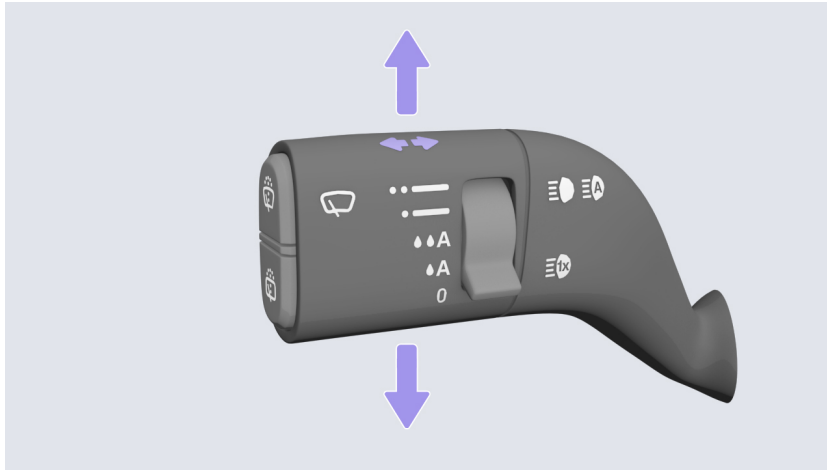
Caution

- In extreme weather conditions such as heavy rain, heavy snow, heavy fog, or when the camera is blocked, it may affect the normal use of this feature. And this feature may be deactivated automatically when the system is limited.
- Auto high beam is a driver assist feature. There are many factors that may interfere with this system. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Turn Signals

The turn signals are used to alert other road users that the vehicle is about to change direction.

- **Turn left:** Toggle the multifunction control stalk downward.
- **Turn right:** Toggle the multifunction control stalk upward.



- **Toggle the multifunction control stalk gently:** The turn signals automatically goes out after three flashes.
- **Toggle the multifunction control stalk firmly:** The turn signals will flash continuously until manually turned off or the steering wheel is returned to center.

When the turn signals are turned on, the corresponding turn signal indicator will light up on the instrument cluster, accompanied by a "click" sound.

While the turn signals are flashing, gently toggle the multifunction control stalk in the opposite direction or in the same direction again to immediately turn off the turn signal; toggle the multifunction control stalk firmly to immediately flash the turn signal of the corresponding direction continuously.

Hazard Warning Lights

In the event of emergencies such as severe weather, accidents, or vehicle faults, please turn on the hazard warning lights to indicate vehicle location and alert other drivers and pedestrians of a hazard ahead.




The hazard warning light switch is located on the front top control panel. Press the switch to turn on the hazard warning lights, causing all turn signal lights and the turn signal indicator on the instrument cluster to flash. Press the switch again to turn off the hazard warning lights.

Caution

- In the event of a serious collision, the hazard warning lights will be activated automatically and can be deactivated manually after 4 seconds.
- After the emergency brake warning system is triggered, the vehicle's hazard warning lights will be activated automatically when the vehicle speed drops below 5 km/h.

Fog Lights



Designed to improve visibility in low-visibility conditions such as fog and rain, the fog lights help other road users notice your vehicle promptly.

Your vehicle is equipped with rear fog lights, which are off by default. You can go to the settings interface from  on the control panel, and tap **Lights > Exterior Lights > Rear fog lights** to turn on the rear fog lights.

When the rear fog lights are activated, the low beams will automatically turn on.




Position Lights

Position lights are used to indicate the presence and location of your vehicle, helping other road users to see your vehicle, reducing the number of road traffic accidents.

You can go to the settings interface from  on the control panel, tap **Lights>** **Exterior Lights**, and select  to turn on the position lights manually. The position lights will then remain illuminated.

Daytime Running Lights



Daytime running lights are designed to increase visibility during the day, making it easier for other road users to notice your vehicle promptly.

When the vehicle is driving in the daytime, the daytime running lights will automatically turn on if the headlight switch is in  or ; if the headlight switch is in , the daytime running lights will automatically turn on or off according to the ambient brightness.

When the daytime running lights are on, the rear position lights also turn on simultaneously.

Parking Lights

When temporarily parking at night in an unlit area, you can turn on the parking lights to signal your presence and location, allowing other road users to see your vehicle.


After shifting the vehicle into Park (P), you can go to the settings interface from  on the control panel, tap **Lights > Exterior Lights > Parking light**, and turn on the **left/right** parking light based on the vehicle's parking location. The parking light indicator  on the instrument cluster will light up.

Note

- The parking lights only illuminate on one side. Please turn on the parking lights on the side of the road according to the parking location of the vehicle.
- When the parking lights are turned on, they will automatically turn off when the vehicle exits Park (P).
- When the parking lights are turned on, they remain on when the vehicle is powered off, and automatically turn off when the vehicle is powered on again.

Logo Lights

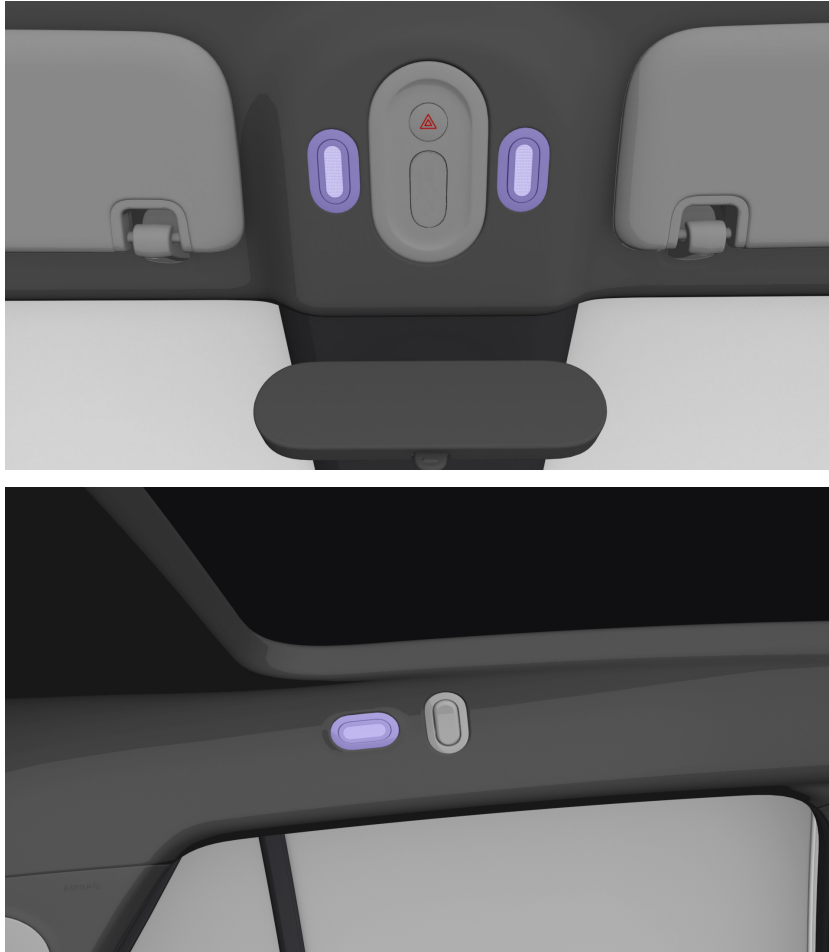
Your vehicle is equipped with front and rear logo lights, which will automatically illuminate or display a breathing light effect when the vehicle is charging, discharging, unlocking or locking etc.

You can go to the settings interface from  on the control panel, and tap **Lights** > **Exterior Lights** > **Logo light** to manually turn off the linkage function between the logo lights and light effect.

Reading Lights and Illuminated Steering Wheel

Reading Lights

The reading lights are located on the front top control panel and on the roof above each side of the rear seats.



You can turn each reading light on or off by pressing its surface.

The reading light automatically illuminates when you unlock the vehicle or open any door, including the liftgate. It automatically turns off when one of the following occurs:


- Driving;
- Lock the vehicle from outside;
- 10 minutes after the door is opened;
- 15 seconds after all doors are closed.

Note

When your vehicle is not locked externally, if a reading light is turned on manually, it will not be turned off automatically and need to be turned off manually.

Illuminated Steering Wheel

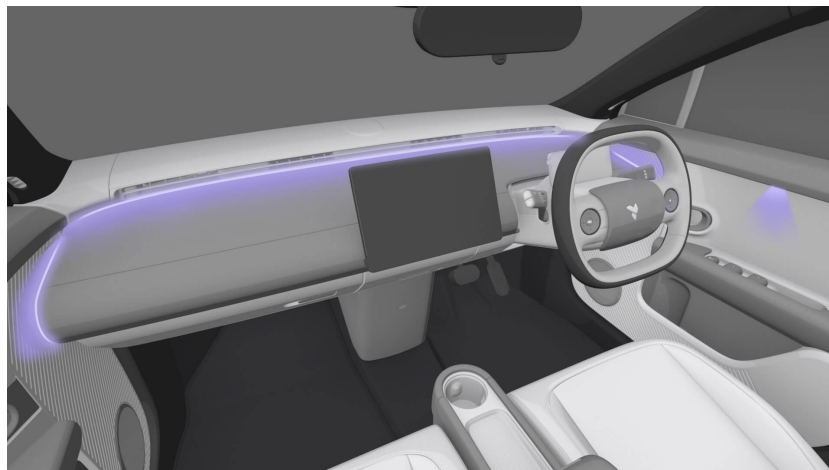
There are ring-shaped lights around the buttons on both sides of the steering wheel.


When driving at night, you can go to the settings interface from  on the control panel, and tap **Control > Side mirrors & steering wheel > Illuminated steering wheel** to manually turn on or off the light.



Ambient Lights

The vehicle is equipped with ambient lights on the instrument cluster and front door panels.



After you've seated yourself, you can go to the settings interface from  on the control panel, and tap **Light > Ambient Lights > Ambient lights** to turn ON or OFF the ambient lights or turn on the Auto mode.

The ambient lights support 256 color choices. You can select different ambient lights themes or custom colors on the ambient lights interface or adjust the brightness by dragging the brightness bar.

You can also set different ambient light modes, such as Breathing and Rhythmic etc. These settings will be saved on the control panel:

- **Breathing:** The system supports surge, tide, and in-sync modes. The ambient lights will go bright and dark at the preset frequency, and manual brightness adjustment will be unavailable in this case.
- **Rhythmic:** When playing on system-supported audio sources (such as USB, Tidal, etc.), the ambient lights will go bright and dark with the music rhythm. At this point, you can choose the "Color mode" of the ambient lights between "Album color" or "Current theme".
- **lumo Follow-up:** After activation, the ambient lights will be rendered in real time according to the lumo state.

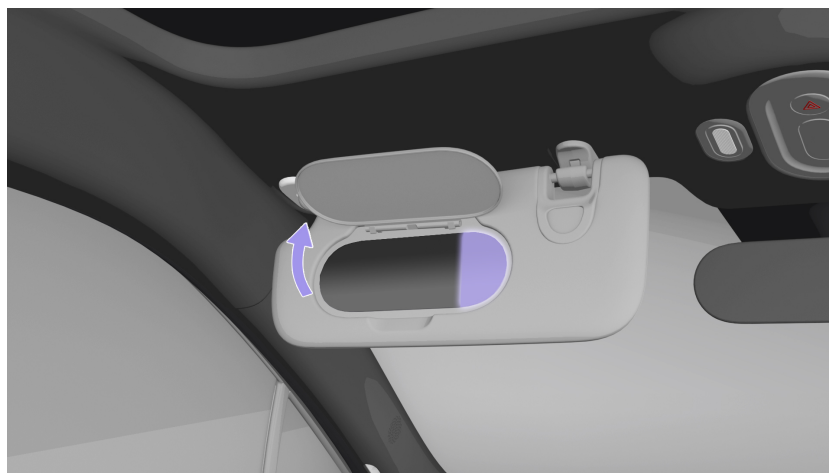
When you tap **Light > Ambient Lights > Ambient lights > OFF**, the ambient lights will be turned off and the relevant settings will be grayed out and cannot be adjusted.

Vanity Mirror Lights

There are two sun visors on the vehicle's roof, each equipped with a vanity mirror.

Unfolding the vanity mirror cover automatically turns on the vanity mirror light.

Close the cover, and the light automatically turns off.



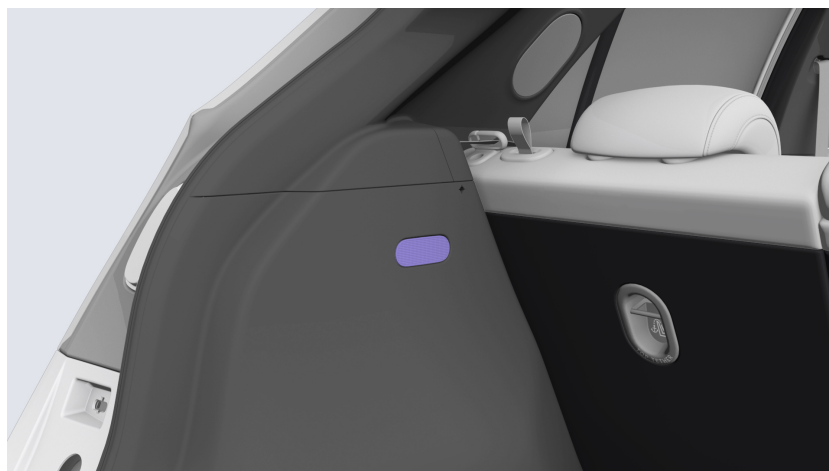
Caution

For your safety, do not use vanity mirrors while driving the vehicle.

Trunk Light

The trunk light will automatically illuminate when the liftgate is open.

The trunk light will automatically go out after being on for 10 minutes or when the liftgate is closed.



Note

The bulb model is W5W, with a specification of 12V 5W.

Wipers

Wipers can remove rain from the windshield, keep the glass clean, and improve driving safety.

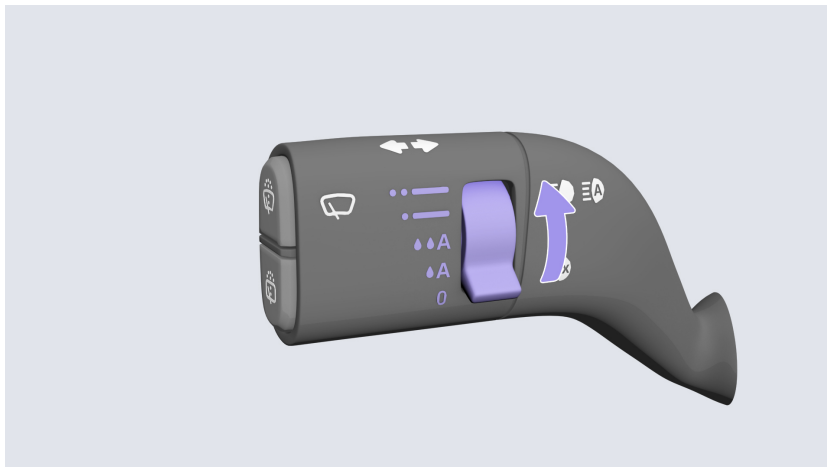
The washer system sprays the windshield with washer fluid to clean dirt and dust.

Caution

- Before activating the wipers in winter, remove any ice or snow from the windshield and make sure the wiper blades are not frozen.
- To avoid shortening service life of the wiper blades, do not operate them when the windshield is dry.

Manual Front Wiper Control

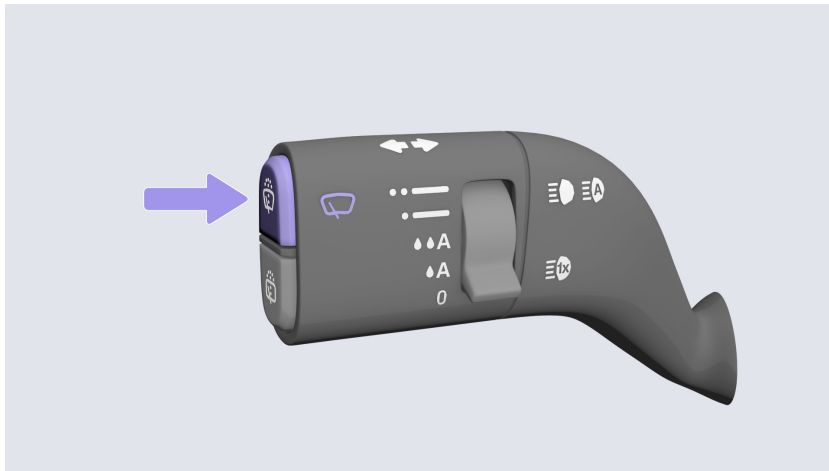
You can control the front wipers with the multifunction control stalk.



The wiper control knob on the multifunction control stalk has 5 levels, listed from top to bottom as follows:

- **Manual level 2 (high speed):** The front wipers operate continuously at high speed;
- **Manual level 1 (low speed):** The front wipers operate continuously at low speed;
- **Automatic level 2 (high sensitivity):** The front wipers will enter the high sensitivity automatic adjustment mode;
- **Automatic level 1 (low sensitivity):** The front wipers will enter the low sensitivity automatic adjustment mode;
- **Level 0 (off):** Turn off the front wipers.

You can also short press the button located above the side of the multifunction control stalk to activate the front wipers to wipe once.



Note

The front wiper feature is disabled when the hood is open.

Automatic Front Wiper Adjustment

Turn the wiper control knob on the multifunction control stalk to automatic level 1 or 2 to enable the automatic adjustment mode.



When automatic adjustment mode is enabled, the wiper will start to wipe automatically when the rain sensor detects rain; when the sensor detects that the rain has stopped, the wipers will stop. The higher the level of automatic adjustment mode, the higher the wiping frequency of the wipers for the same amount of rainfall.

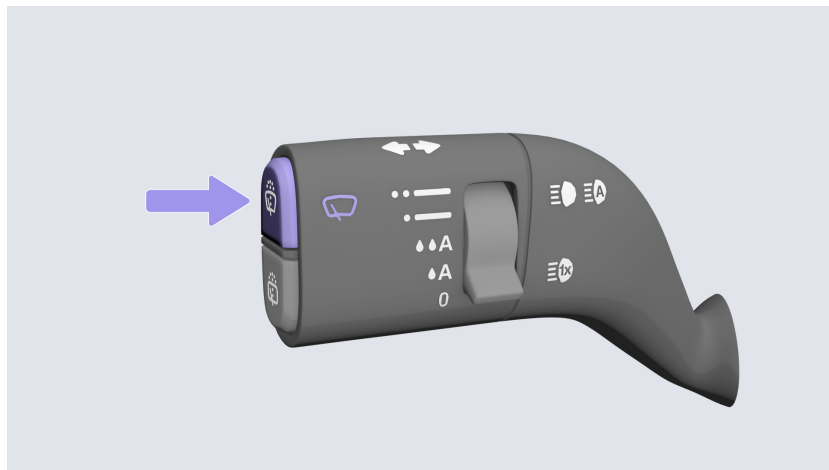
The wiping speed of the wipers will also automatically adjust according to the vehicle speed and the amount of rainfall. The faster the vehicle speed or the heavier the rainfall, the higher the wiping frequency of the wipers.

Warning

In an automatic car wash station, make sure to disable the automatic wiper feature, otherwise the wipers may be activated accidentally causing damage to them.

Front Windshield Washer

Long press the button above the side of the multifunction control stalk, and the front washer will continuously spray washer fluid, while the front wipers will also operate at low speed. When you release the button, the spraying will stop immediately, but the front wipers will continue to wipe at low speed three times, with a six-second interval before making one more swipe.



Caution

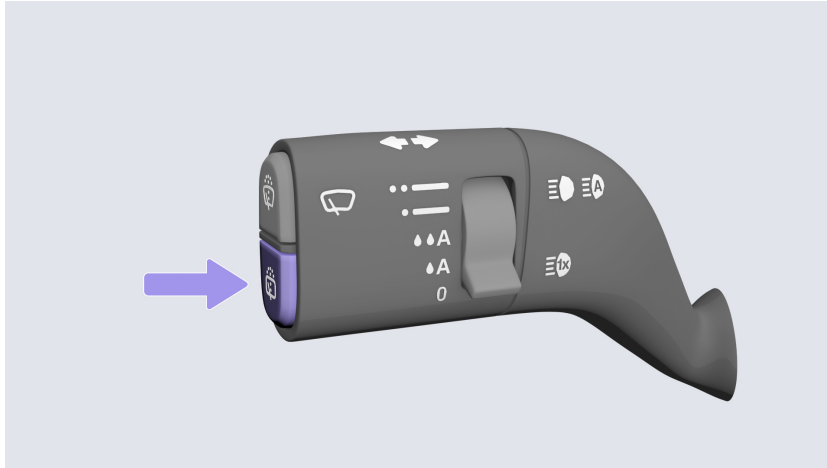
- Do not use the washer when there is insufficient washer fluid, as this may damage the washer fluid pump.
- The water spray will automatically stop after continuing for more than 12 seconds, and you can turn the washer back on if needed.

Note

The front windshield wash feature is disabled when the hood is open.

Manual Rear Wiper Control

Short press the button below the side of the multifunction control stalk, and the rear wiper will start immediately. After three continuous wipes, it will enter intermittent mode, wiping once every 10 seconds. Short press the button again to turn off the rear wiper.

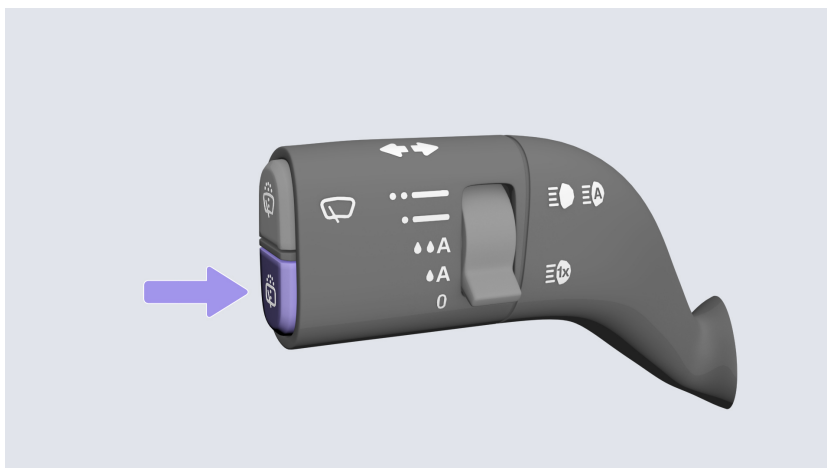


Note

When you unlock the liftgate while the rear wiper is working, the rear wiper will immediately stop. If needed, you can manually start the rear wiper again. When you close the liftgate, the rear wiper automatically resumes working.

Rear Windshield Washer

Long press the button below the side of the multifunction control stalk, and the rear washer will continuously spray washer fluid, while the rear wiper will operate at low speed. When you release the button, the spraying will stop immediately, but the rear wiper will continue to wipe at low speed three times, with a six-second interval before making one more swipe.




Caution

- Do not use the washer when there is insufficient washer fluid, as this may damage the washer fluid pump.
- The water spray will automatically stop after continuing for more than 12 seconds, and you can turn the washer back on if needed.

Wiper Service Mode

The wiper service mode makes it easier to replace wiper blades.

After shifting the vehicle into park (P) and turning the wiper control knob to "0", you can go to the settings interface from  on the control panel, and tap **My car** > **Service** > **Wiper service mode** to enable or disable this mode.

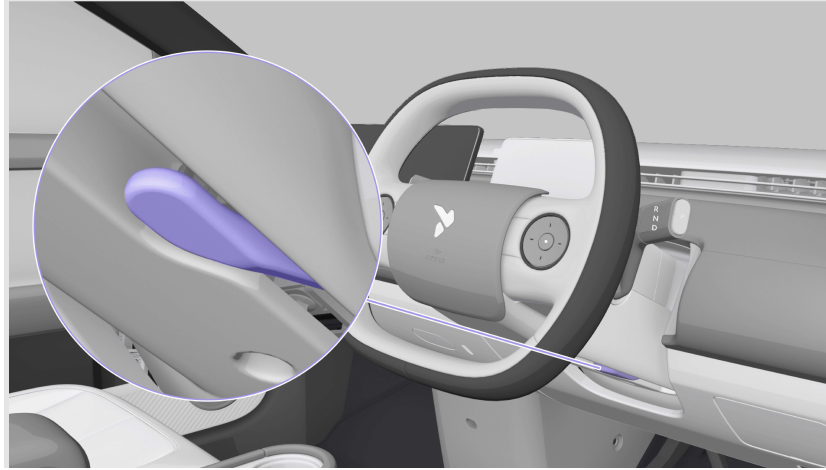
When this mode is enabled, the front wiper will move to a position convenient for changing, so you can manually lift the wiper. When you control the front wiper with the multifunction control stalk, or shift the vehicle out of park (P) gear, the vehicle will automatically exit the wiper service mode.

Caution

When the wiper service mode is exited, the vehicle will automatically reset the lifted wipers, but this may cause the windshield to break. Therefore, it is recommended that you manually reset the lifted wipers before exiting the wiper service mode.

Steering Wheel Position Adjustment

The steering wheel adjustment can be controlled using the lever below the steering column.



Steering wheel adjustment steps:

1. Park the vehicle in a safe place and shift to park (P)
2. Pull down lever to unlock steering wheel
3. Keep both hands on the steering wheel and adjust it up or down to the appropriate position to ensure clear visibility of the instrument cluster and comfort for your legs and hands
4. Once in place, pull the lever back to its original position and ensure the steering wheel is locked

Warning


- To prevent accidents, it is forbidden to adjust the position of your steering wheel while the vehicle is in motion.
- Improper adjustment of the steering wheel position or an improper sitting posture can cause injury. It is recommended that the distance between the steering wheel and your chest be no less than 25 cm.

Control via Right Steering Wheel Buttons

The buttons on the right side of the steering wheel can be used to adjust right side mirror, sound volume, etc.



Adjusting the Right Side Mirror

You can go to the settings interface from  on the control panel, and tap **Control > Side mirrors & steering wheel > Side mirror adjustment** to adjust the position of the right side mirror using the right steering wheel buttons. See **Side Mirror Adjustment**.


Volume Adjustment

In scenarios such as answering calls, talking with lumo, and playing multimedia, short press the up or down button to adjust the volume, and long press the down button to mute the sound.

In other scenarios where there is no need for volume adjustment, long pressing the up button gives no response, and long pressing the down button will mute the sound.

In the mute state, short press the up button to unmute.

Triggering the Custom Feature

Long press the steering wheel right middle button to trigger the custom feature. The default triggered feature is side mirror adjustment. You can go to the settings interface from  on the control panel, tap **Control > Side mirrors & steering wheel** to change the custom feature of the steering wheel right middle button.

Control within an Immediate Task

When the incoming call reminder is displayed, you can answer or reject the call with the left and right buttons, and the middle button is for confirming the selection.

When the distraction warning or drowsiness warning is triggered, the alarm status can be released by short pressing the middle button.

Switching the Normal Menu

Long press the left or right button to enter the "Switching mode", in which you can short press the left or right button to switch the instrument cluster display. After short pressing the middle button, or after 3 seconds with no operation, the current menu will be selected automatically and the switching mode will be exited.

Controls within the Menu


When the Media/Third-Party Software menu is set to Media: Left - previous track; Right - next track; Middle - play/pause.

Control via Left Steering Wheel Buttons

The buttons on the left side of the steering wheel can be used to adjust the left side mirror and control the driver assistance features.



Adjusting the Left Side Mirror

You can go to the settings interface from  on the control panel, and tap **Control > Side mirrors & steering wheel > Side mirror adjustment**, then you can adjust the position of the left side mirror using left steering wheel buttons. See [Side Mirror Adjustment](#).

Adjusting the Driver Assistance

Middle button: activate or deactivate driver assistance.

Up button: increase the cruise speed.

Down button: decrease the cruise speed.

Right button: increase the following distance.

Left button: decrease the following distance.

- **Short press the up or down button:** increase/decrease the cruise speed by 1 km/h (default);
- **Long press the up or down button:** increase/decrease the cruise speed by 5 km/h continuously (default);
- **Short press the left or right button:** increase/decrease the following distance by 1 level; where level 1 is the closest, and level 5 is the farthest;

Double-button Restart of Steering Wheel



If the control panel shows some abnormalities, such as screen stuttering or unresponsive screen, try resolving by double-button restarting the vehicle system.

Instructions for double-button restart:

1. Turn on the hazard warning lights;
2. Park your vehicle in a safe area and put into Park (P);
3. Press and hold the right button on the left side of the steering wheel and the down button on the right side at the same time for about 8 seconds;
4. After about 30 seconds, all screens will light up and the system can resume operation.

If it does not resume operation, please contact the firefly service.


Caution

- Double-button restart of the vehicle shall only be performed while the vehicle is in Park (P). Make sure the vehicle is parked in a safe area;
- Do not perform the double-button restart while the vehicle is in motion;
- Keep the hazard warning lights on during the vehicle system restart;
- Do not perform the double-button restart during vehicle software update;
- During the restart process, the vehicle status display, safety warning, surround view image, map interface, etc., cannot be seen;
- If the screen does not return to normal after the double-button restart, you can try to lock the vehicle and put it into sleep mode. If the problem persists, please contact the firefly service.

Side Mirror Adjustment

Side Mirror Position Adjustment



You can go to the settings interface from  on the control panel, tap **Control > Side mirrors & steering wheel > Side mirror adjustment**, adjust the angle of the side mirrors in four directions via the steering wheel buttons, and exit after adjusting.

The left steering wheel buttons are used to adjust the left side mirror, and the right buttons are used to adjust the right side mirror.


Adjustment method:

- **Up and down buttons:** control the up and down rotation of the side mirrors
- **Left and right buttons:** control the left and right rotation of the side mirrors
- **Short press:** rotate one level; **long press:** continuously rotate

Warning

To prevent accidents, it is forbidden to adjust the side mirrors while the vehicle is in motion.

Side Mirror Heating

The side mirrors are equipped with a heating feature. You can go to the comfort panel interface from the bottom of the control panel, and tap the rear windshield and side mirror heating icon  to manually enable the side mirrors heating.

The side mirror heating feature will be automatically disabled 15 minutes after it is enabled; it can also be manually disabled on the control panel.

Side Mirror Folding

Side Mirror Manual Folding

To park in narrow spaces or prevent scraping, you can manually fold the mirror housing toward the body of the vehicle.

Caution

In cold conditions, if the side mirrors are frozen when folded, rotate them several times in the unfolding direction to thaw before unfolding.

Rearview Mirror Auto-Dimming

If you encounter strong light interference from behind while driving, you can manually activate auto-dimming function of the interior rearview mirror by gently pressing the button below the mirror.




Warning

Operate only when the vehicle is stationary to avoid accidents while driving.

Rearview Mirror Cam

Your vehicle is equipped with a rearview mirror cam function. If the rear view is not clear, you can activate this function, and the rearview image will be displayed on the control panel.

From the bottom of the control panel, tap  to open the application center panel, and open the **Rearview mirror cam** application. You can also quickly start the rearview mirror cam using lumo or by setting it as a shortcut key for the steering wheel right middle button.

Caution

Rearview mirror cam will exit or fail to turn on when automatic parking, park assist camera, SDIS camera are triggered.

Driver Seat Adjustment

Electrically Adjusted Seats

If the electric seats are selected, you can adjust the seats electrically using the buttons located underneath the seats.



- **Seat position longitudinal adjustment:** Toggle this button forward and backward to move the seat.
- **Seat height adjustment:** Toggle the center portion of this button up or down to raise or lower the seat.




- **Backrest adjustment:** Toggle the upper end of this button back and forth to adjust the reclining of the seat backrest.



- **Lumbar support adjustment:** Press up, down, left and right buttons to adjust the lumbar support position.

Seat Position Memory

The electric seat features a position memory function.

You can go to the settings interface from  on the control panel, and tap **Control > Driver seat** to set the driver seat position memory on this page.

Save the currently adjusted seat position to the corresponding Drive, Rest, Alternate, Exit or Other position, as well as to the vehicle's current personal account.

When you need to update a set position, adjust the seat position, and tap the **Save** button of the corresponding position. The updated settings will be saved under the current personal account of the vehicle and overwrite the original settings.

Warning

To prevent accidents, do not adjust the seats while the vehicle is in motion.

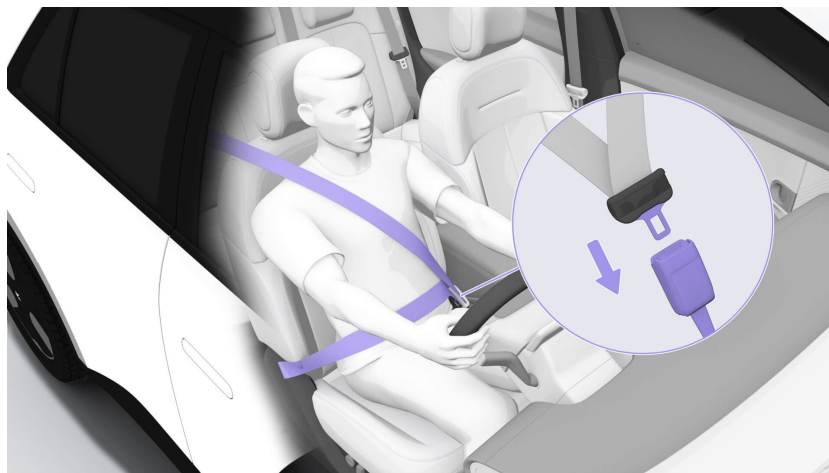
Caution

- Before setting the driver seat memory feature, ensure the safety of the surrounding environment and put the vehicle in park (P). Please also ensure that there are no obstacles around seats and the steering wheel, and no passengers or objects in the rear row.
- Easy entry needs to be enabled before setting exit position.

Recommended Sitting Posture and Seat Position for the Driver

To minimize potential risks and ensure safety, please adjust the seats before driving as follows:

- Move the seat back and forth into a position where you can easily floor the accelerator and brake pedals.
- Adjust the seat backrest to a suitable straight-back sitting posture, ensuring full contact of the back against the backrest, and avoiding excessive recline angle of the backrest.
- Adjust the seat to a suitable height when two hands can comfortably hold the steering wheel.
- Adjust the steering wheel so that there is at least 25 cm of distance between your chest and the steering wheel.
- Adjust the headrest so that its center is flush with the driver's eyes.
- Place the middle portion of the seat belt between the neck and shoulder, and tightly secure the overlapping part of the seat belt around the hip joint (not the abdomen).



Caution

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

- Do not use seat covers of any kind or modify the seat upholstery by yourself. In the event of a collision, the seat covers or the modified upholstery can seriously limit the deployment of side airbags, significantly reducing the protection of passengers and increasing the risk of injury.
- Do not place any objects under the seat. They may pose safety risks during seat adjustment, collision, or sudden acceleration or deceleration.

- Do not hang objects (such as clothes hangers) on the seat or headrest. In the event of a collision or sudden acceleration or deceleration, such objects may increase the risk of injury to passengers.
- Don't switch the headrests, otherwise, they may not be adjusted to the correct height and position. This will increase the risk of head and neck injuries in case of accidents or emergency braking.
- Do not use non-standard seat positions such as day dream while your vehicle is in motion (please refer to the recommended sitting postures and seat positions during driving). In the event of a collision or sudden acceleration or deceleration, this can increase the risk of injuries; at the same time, avoid an excessive backrest angle as this may result in serious injury in case of collision.
- Only one person can ride in each seat while the vehicle is in motion. It is forbidden for infants or children to share a seat and seat belt with an adult or sit on the lap of an adult. In the event of a collision, or sudden acceleration or deceleration, such behavior can result in serious injury.

Front Passenger Seat Adjustment

Electrically Adjusted Seats

If the electric seats are selected, you can adjust the seats electrically using the buttons located underneath the seats.



- **Seat position longitudinal adjustment:** Toggle this button forward and backward to move the seat.




- **Backrest adjustment:** Toggle the upper end of this button back and forth to adjust the reclining of the seat backrest.



- **Lumbar support adjustment:** Press up, down, left and right buttons to adjust the lumbar support position.

Seat Position Memory

The electric seat features a position memory function.

You can go to the settings interface from  on the control panel, and tap **Control > Front passenger seat** to set the front passenger seat position memory on this page.

Save the currently adjusted seat position to the Regular, Rest, Alternate, Exit or Other position, as well as to the vehicle's current personal account.

When you need to update a set position, adjust the seat position, and tap the **Save** button of the corresponding position. The updated settings will be saved under the current personal account of the vehicle and overwrite the original settings.

Caution

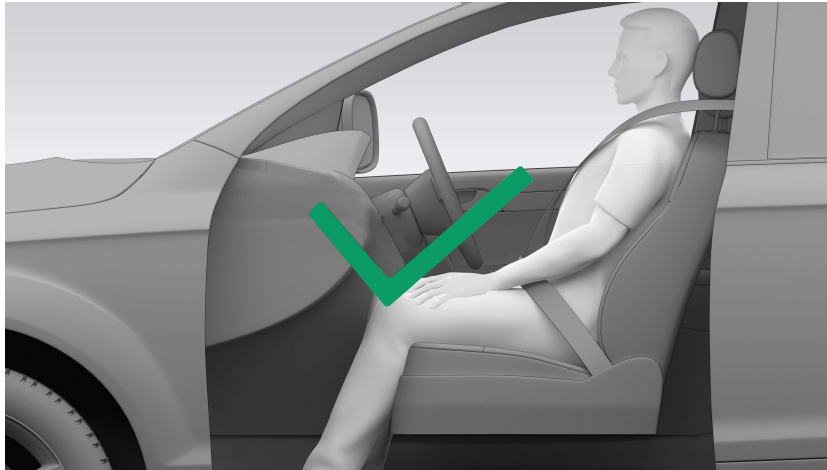
Easy entry needs to be enabled before setting exit position.

Recommended Sitting Postures and Seat Positions for the Front Passenger

To minimize potential risks and ensure safety, please adjust the seats before driving as follows:

- Move the seat forward or backward to the appropriate position, and put both feet in front of the seat.
- Adjust the seat backrest to a suitable straight-back sitting posture, ensuring full contact of the back against the backrest, and avoiding excessive recline angle of the backrest.

- Adjust the headrest so that its center is flush with the passenger's eyes.
- Place the middle portion of the seat belt between the neck and shoulder. Tightly secure the overlapping part of the seat belt around the hip joint (not the abdomen).



Caution

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

- Do not use seat covers of any kind or modify the seat upholstery by yourself. In the event of a collision, the seat covers or the modified upholstery can seriously limit the deployment of side airbags, significantly reducing the protection of passengers and increasing the risk of injury.
- Do not place any objects under the seat. They may pose safety risks during seat adjustment, collision, or sudden acceleration or deceleration.
- Do not hang objects (such as clothes hangers) on the seat or headrest. In the event of a collision or sudden acceleration or deceleration, such objects may increase the risk of injury to passengers.
- Don't switch the headrests, otherwise, they may not be adjusted to the correct height and position. This will increase the risk of head and neck injuries in case of accidents or emergency braking.
- Do not use non-standard seat positions such as day dream while your vehicle is in motion (please refer to the recommended sitting postures and seat positions during driving). In the event of a collision or sudden acceleration or deceleration, this can increase the risk of injuries; at the same time, avoid an excessive backrest angle as this may result in serious injury in case of collision.

- Only one person can ride in each seat while the vehicle is in motion. It is forbidden for infants or children to share a seat and seat belt with an adult or sit on the lap of an adult. In the event of a collision, or sudden acceleration or deceleration, such behavior can result in serious injury.

Reclining the Backrest of the Rear Seat



Pull the seat back drawstring to unlock the back and then push the back forward to fold it down.

To fully flatten the rear seat back, first pull drawstring ① to lift and flip the seat cushion to position ③, then fold down the seat back.



Warning

- When adjusting the rear seat back, ensure that the seat belt is not twisted or caught in the seat back, as it may damage the seat belt and affect safety.
- When folding the seat back, ensure that there are no items on the rear seats and that the seat belts are not connected. Otherwise, it may damage the rear seats.
- When the seat is in a folded position (such as the rear seat back folded down), do not sit in that position while the vehicle is in motion. The risk of injury or death increases in the event of a vehicle collision or sudden acceleration or deceleration.
- When folding the rear seat back for additional storage space, make sure that the loaded items are properly secured and that the stack height does not exceed the height of the front seat back. Otherwise, during a sudden stop or collision, it may cause injuries.
- When the rear row is loaded with long items, secure the items to ensure they do not come into contact with the instrument cluster. Additionally, cover any exposed sharp edges or tips to prevent vehicle damage or injuries.
- Before starting the vehicle, confirm that the seats are in the locked position (including forward/backward position, height, backrest angle, etc.). Failure to lock the seats may pose a risk of injury. For example, if the rear seat back is not fully locked into place, it may pose safety issues and cause secondary injury in the event of a vehicle collision or sudden acceleration or deceleration.

Correct Sitting Posture of Rear Row Passengers

To minimize potential risks and ensure safety, please adjust the seat as follows:

- Adjust the headrest so that its center is flush with the passenger's eyes.
- Place feet in the footstep space in front of the rear seats.
- Place the middle portion of the seat belt between the neck and shoulder, and tightly secure the overlapping part of the seat belt around the hip joint (not the abdomen).
- When riding with children, suitable child safety seats should be used to keep them safe. For details, refer to "Child Safety Seats".

Warning

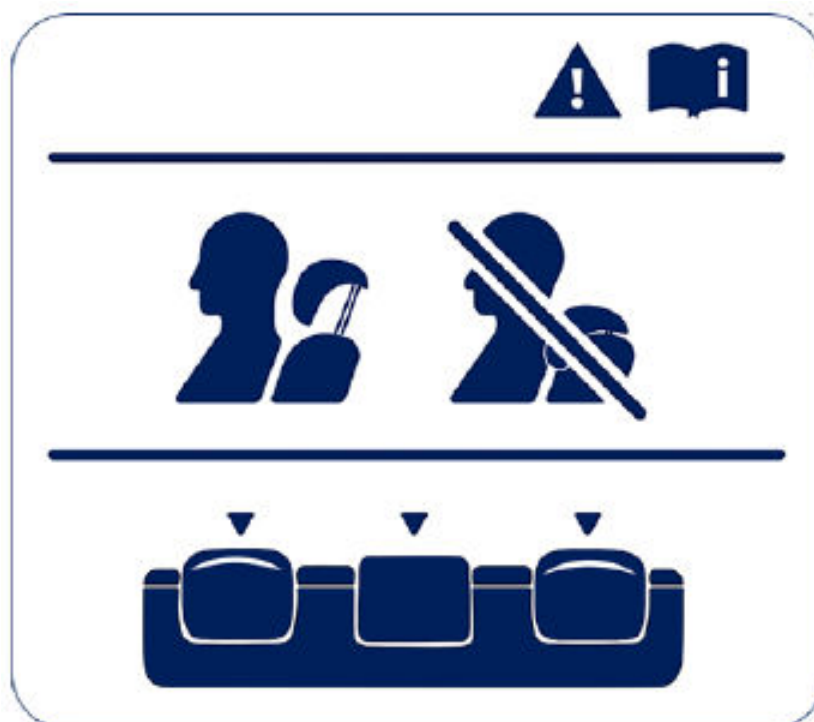
- Rear passengers must wear seat belts correctly to avoid risk of injury from impact caused by vehicle collision, or sudden acceleration or deceleration.
- Do not hang other objects (such as clothes hangers) on the seat or headrest. In case of collision or sudden acceleration or deceleration, this may add to the risk of injury.
- Only one person can ride in each seat while the vehicle is in motion. It is forbidden for infants or children to share a seat and seat belt with an adult or sit on the lap of an adult. In the event of a collision, or sudden acceleration or deceleration, such behavior can result in serious injury.

Seat Headrest Adjustment

The front and rear seat headrests can be adjusted by pressing the buttons under their respective headrests. The illustration shows the front passenger seat headrest adjustment button.



Do not use the rear seat headrest when it is at its lowest position. To use it, pull the headrest upwards and ensure it is locked into place.



Warning



- To provide the best protection, make sure the headrest is set to an appropriate height according to the passenger's height.


- Adjust the seat headrest, and make sure that the headrest center and the passenger's eyes are on the same level.
- After the headrest is removed, do not drive the vehicle. In case of collision, sudden acceleration or deceleration, seats without headrests may not provide sufficient protection to the head, potentially leading to serious injury.

Seat Comfort

Seat Ventilation


If the front seat is equipped with a ventilation feature, it is disabled by default.

You can go to the comfort panel from the bottom of the control panel, select , then tap  feature to enable ventilation for the desired seat. The ventilation feature offers three levels of adjustment, allowing you to select the appropriate level as needed.

Auto seat ventilation: The feature is disabled by default and can be enabled in settings  in the upper right corner of the seat page under the comfort panel. Seat ventilation is enabled automatically when the interior and exterior temperatures are high.

Easy Entry

Driver Easy Entry

You can go to the settings interface from  on the control panel, and tap **Control > Driver seat > Easy entry** to enable or disable this feature, which is disabled by default.

Driver easy entry enabled:

- **When exiting:** The driver seat will move to the saved **Exit position**.
- **After entering:** The driver seat will move to the saved **Driving position**.

The trigger conditions for exit and driving positions can be set according to driving habits in easy entry settings interface on the control panel.


Exit position trigger: **The door is opened or the seat belt is unfastened**

Driving position trigger: **The door is closed or the brake pedal is pressed**

Caution

The driver easy entry feature requires the driving position and exit position to be set in advance.

Front Passenger Easy Entry

You can go to the settings interface from  on the control panel, and tap **Control > Front passenger seat > Easy entry** to enable or disable this feature, which is disabled by default.

When front passenger easy entry is enabled, you can choose from two easy entry options:











- **Exit:** The seat will move to the proper position after the seat belt is unfastened and the front passenger door is opened.
- **Exit + Entry:** After the seat belt is unfastened and the front passenger door is opened, the seat will move to the proper position. After entering the vehicle and closing the front passenger door, the seat will automatically return to the regular position.










A/C

A/C Control Panel

Tap the temperature display button at the bottom of the control panel to access the A/C control panel and set the front A/C's air volume, temperature, airflow direction and other features.

A/C Control Panel Icon Meaning

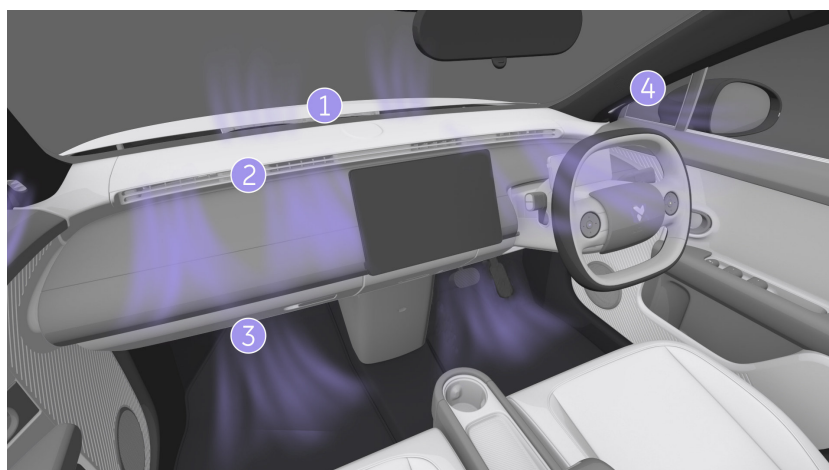
Icon	Name	Feature
	A/C main switch	Control the activation and deactivation of the vehicle's A/C system
	Rear air vent	Air outlet blowing towards back
	Front focus	Air outlet blowing towards front
	Auto sweeping	Air outlet sweeping left and right
	Auto mode	Automatically adjusts A/C cooling, heating, wind speed and circulation mode based on set temperature
	A/C switch	Used to control the cooling of the A/C: when turned off, if the set temperature is higher than the actual temperature in the vehicle, the A/C will turn to heating mode; if the set temperature is lower than the actual temperature in the vehicle, the A/C will turn to ventilation mode.
	Max Cooling	When activated, the whole vehicle's A/C enters Max Cooling mode
	Max Heating	When activated, the whole vehicle's A/C enters Max Heating mode
	One-tap defogging	When activated, it removes fog from the front windshield
	Rear windshield and side mirror heating	Control the activation of the rear windshield and side mirror heating

	Fresh Air	Fresh air
	Recirculation	Recirculation
	Auto Recirculation/Fresh Air	Automatic air circulation inside and outside
	A/C temperature adjustment	It adjusts the A/C temperature within the range of 15-31°C.
	A/C air volume adjustment	Adjust the air volume in the range levels 0~8; when the air volume is 0, the A/C is turned off.
	Windshield mode	The A/C air vents direct air to the front windshield.
	Upper mode	The A/C air vents direct air to the upper body of the passenger.
	Lower mode	The A/C air vents direct air to the lower body of the passenger.
	Setting buttons for the A/C comfort panel	Tap to enter the settings interface for A/C deodorization, A/C filter and other features.

Caution

All automatic airflow modes are only available during upper mode.

Front Row A/C Air Vents and Adjustment



The air vents at the front of the vehicle are arranged as follows:

1. Air vent above instrument cluster
2. Air vent at instrument cluster
3. Air vent under instrument cluster
4. Air vent at A-pillar


To adjust the air vent at the instrument cluster, do as follows:

Press and hold the blowing area on the A/C control panel of the control panel, and slide left and right to control the horizontal outlet angle.

A/C Deodorization

When activated, the fan will continue to run for a period of time after you have left and locked the vehicle, to keep the A/C dry and reduce bacterial growth.

You can select one of the two drying levels: **Standard** (the fan continues to work for about 3 minutes) and **Extended** (the fan continues to work for about 10 minutes).


You can go to the comfort panel page from the bottom of the control panel and tap  to enable or disable **A/C deodorization**; this function is enabled by default, and the level is Standard by default.

It will increase energy consumption in certain circumstances, so make sure that you plan your trip properly or turn the feature off if necessary.

A/C Filter Indicator

The A/C filter indicator is indicated by a color bar:

Green	Operates normally
Orange	Approaching replacement
Red	Recommended for replacement

Go to the A/C control panel and tap the settings button  to check the A/C filter indicator. After replacing the filter, you need to reset the filter indicator.

Note

This estimated service life is for reference only as the actual service life depends on the environment and other factors. Replace it when needed.

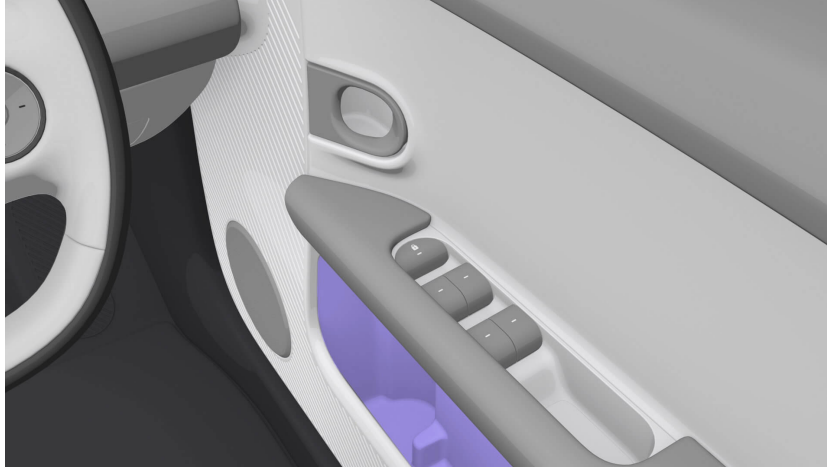
Tips for Using A/C

- Keep the grille clear of any obstructions (e.g., leaves, snow).
- If the vehicle is parked in direct sunlight, it is beneficial to open the windows while turning on the A/C in cooling mode. This allows for air circulation and helps in rapidly cooling down the interior.

Cabin Storage

Door Storage

There is storage space at the lower part of the car door.

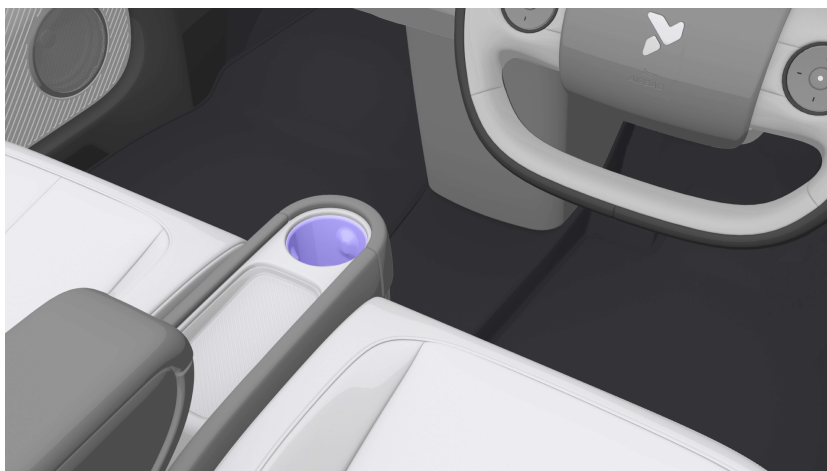


Warning

- To ensure the structural integrity of the door panel, avoid placing oversized or sharp items in the storage to prevent the door panel from being deformed or scratched.
- Do not store unsealed liquid containers in the door panel storage to avoid leakage and damage to internal electronic parts.

Cup Holder

The cup holder is located at the front end of the center armrest.



Caution

- Do not place unsealed hot drinks in the cup holder so as to avoid the risk of burns while the vehicle is in motion.
- Do not place heavy, fragile, sharp objects etc. inside the vehicle to avoid injuries in the event of collision, or sudden acceleration or deceleration.

Center Console Front Storage Box

The center console front storage box is located at the front end of the front-row armrest and can be manually pulled out.



Caution

To avoid the risk of deactivation, do not store magnetic items such as badges, access cards, magnetic stripe cards, etc. in storage boxes with built-in magnets.

Armrest Compartment

Press the button at the front end of the armrest compartment to open it.

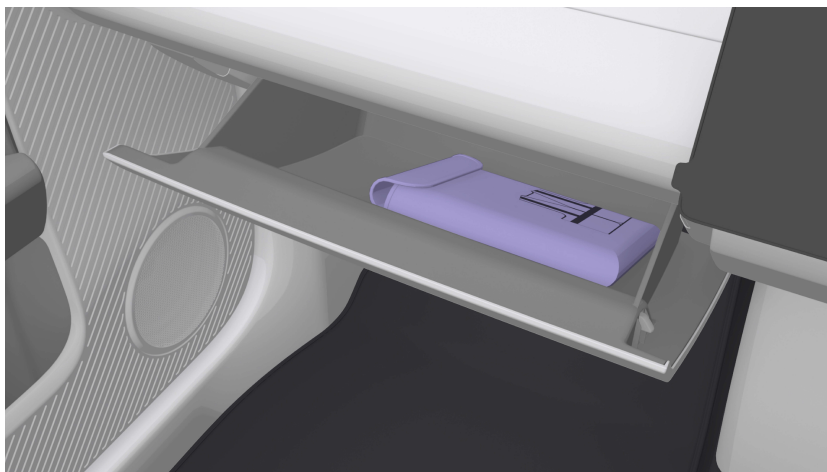


There's also storage space under the armrest.



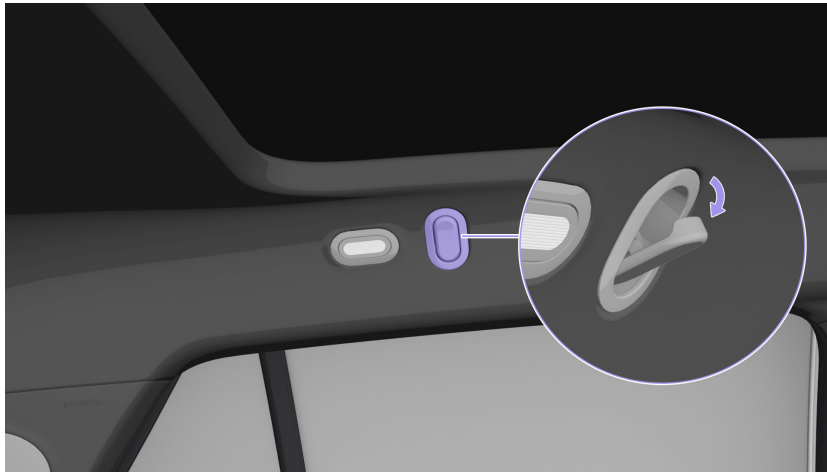
Glove Box

The glove box is located below the front passenger's instrument cluster and contains a reflective vest and a first aid kit.



Roof Hooks

The roof hooks pop out when pressed and can be retracted by pressing again. The maximum load capacity is 3 kg.

**Caution**

Do not hang any hard objects (such as hangers, glass bottles, fruits, etc.) to prevent accidental injury.

Storage Area under Rear Seat Cushion

The rear seat storage space is located under the seat cushion. Lift the seat cushion by pulling the drawstring ①, then turning the seat cushion along position ② to position ③, and the storage space is exposed. The maximum load capacity is 5 kg.



When restoring the seat cushion, first ensure the rear end of the seat cushion is in contact with the storage area at the bottom of the backrest, then press down on the seat cushion until it locks in place.



Caution

- Do not load items higher than the storage area to avoid crushing the items or damaging the seat cushion.
- Ensure seat cushion is restored and locked after loading.

Seatback Map Pocket

The map pocket is located on the back of the front seats and is ideal for small items such as your phone, wallet, magazines, and more.

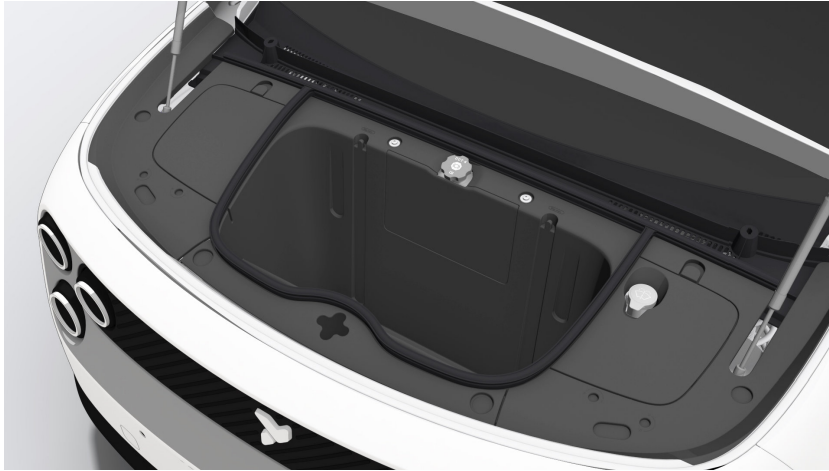


Caution

To avoid deforming the map pocket, do not place heavy or large items in it for a long period of time.

Front Trunk

When loading the front trunk, make sure the items are distributed evenly.



Front trunk storage capacity (L)	92
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Pull the unlock handle under the driver's side instrument cluster twice to release the hood latch.

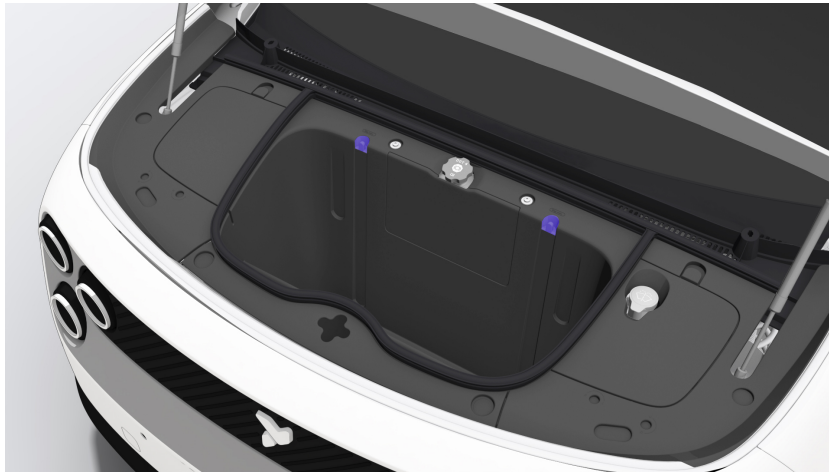


Caution

- The maximum load capacity of the front trunk is 35 kg, and overloading may cause structural deformation or damage to components.
- Do not put children or pets in the front trunk to avoid accidents.
- Do not put sharp objects in the front trunk to avoid damage to the surface of the trim panel, such as tow hooks, knives, etc.

Front Trunk Hook

The front trunk is equipped with hooks for carrying items such as totes, with a maximum load capacity of 5 kg.

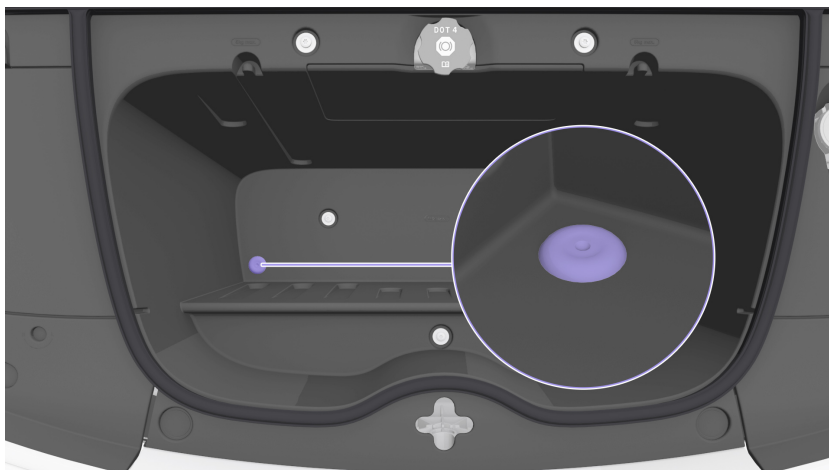


Caution

Do not hang fragile objects while the vehicle is in motion to prevent breaking them due to bumping road.

Front Trunk Grommet

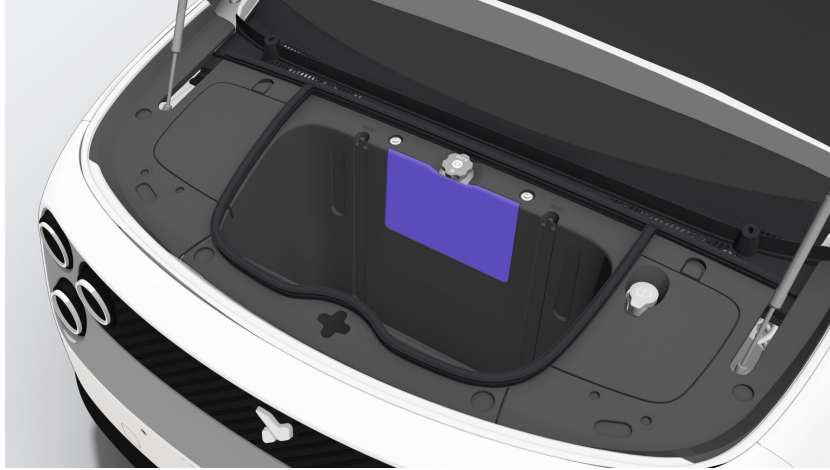
The grommet is located at the bottom of the front trunk. Once removed, it allows for drainage.



Caution

Do not use excessive force or sharp tools when removing the rubber plug, as this may cause the part to deform or seal to fail.

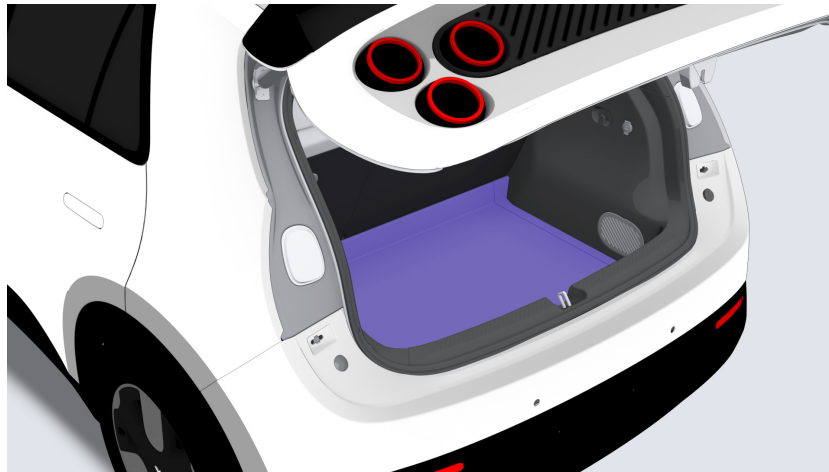
The water storage height in the front trunk does not exceed the lowest position of the A/C access cover (purple area in the picture below). To prevent surge effects, do not store water while driving. Additionally, avoid direct spraying of water onto the A/C access cover area when cleaning the front trunk.



Trunk

Trunk Capacity

Trunk storage capacity (with second-row seats not folded down) (L)	404
Trunk storage capacity (with second-row seats folded down) (L)	1253



Caution

- When storing liquids, be sure to seal them to avoid damage to the vehicle caused by leakage. Please clean promptly in case of leakages.
- The trunk has a maximum load of about 75 kg. Do not load heavy loads to avoid damage to the trunk.
- When carrying items in the trunk, it is recommended to place them evenly and properly secure them to maintain balance and avoid a local concentration of weight that may damage the partition.

Trunk Hook

The trunk is equipped with hooks for carrying items such as totes, with a maximum load capacity of 3 kg.



Caution

Do not hang fragile objects while the vehicle is in motion to prevent breaking them due to bumping road.

Seat Belts

Seat Belt Instructions

All seats are equipped with seat belts.

Seat belts are one of the most important ways to protect passengers in case of an accident. Using seat belts together with airbags can effectively reduce the risk of severe injury if a collision occurs.

There are pre-tensioners for the front seats and rear outboard seats of the vehicle. The pre-tensioner provides a certain pretension force for the seat belt in the event of a serious collision. They retract part of the seat belt quickly to protect passengers reliably. At the same time, they prevent excessive restraint force of the seat belts that could cause injury to passengers.


Warning

- If the seat belt is not fastened or correctly fastened, serious injury or death may occur as a result. Always fasten your seat belt correctly.
- Do not unfasten your seat belt while your vehicle is in motion. Otherwise, serious injury may occur in the event of an accident.
- Please keep your seat belt clean, and avoid blocking the socket with foreign objects. Otherwise, the seat belt will not be able to be buckled reliably.
- Before use, please check your seat belt and its fixing mechanism carefully for damage and aging. If there is any damage, stop using it, and replace your seat belt immediately.
- Do not repair damaged seat belts by yourself. Do not remove or install seat belts by yourself under any circumstances.
- Do not share one seat belt with another person (such as holding a child), or it may cause secondary injury to passengers in the event of an accident.
- A seat belt that is stretched and deformed during an accident has lost its safety protection feature. Even if its surface is not damaged, it shall be replaced immediately.
- After an accident where the pre-tensioner has triggered, the seat belt must be replaced immediately. In some accidents, even if the pre-tensioner is not triggered, it is recommended to go to the firefly service for inspection and have it replaced if necessary.


- Please do not tilt your backrest too far. Otherwise, the protective features of your seat belt will be seriously affected.

Seat Belt Warning

Front seat belt warning:

- When the driver is seated (with doors closed or the brake pedal pressed) or is driving, the seat belt warning light  on the digital instrument cluster turns on when the front passenger is unbuckled, to alert them to buckle up.
- If your vehicle speed exceeds 24 km/h and the front passenger's seat belt is still not fastened, the seat belt warning light will flash and the warning chime will sound. After the seat belt is fastened, the warning light and warning chime will disappear.
- If the front passenger's seat belt remains unfastened, the warning light will be constantly on and the warning chime will stop after 95 seconds. Once the chime has stopped, if the vehicle speed exceeds 24 km/h again after slowing down, the warning chime will sound again.

Rear seat belt warning:

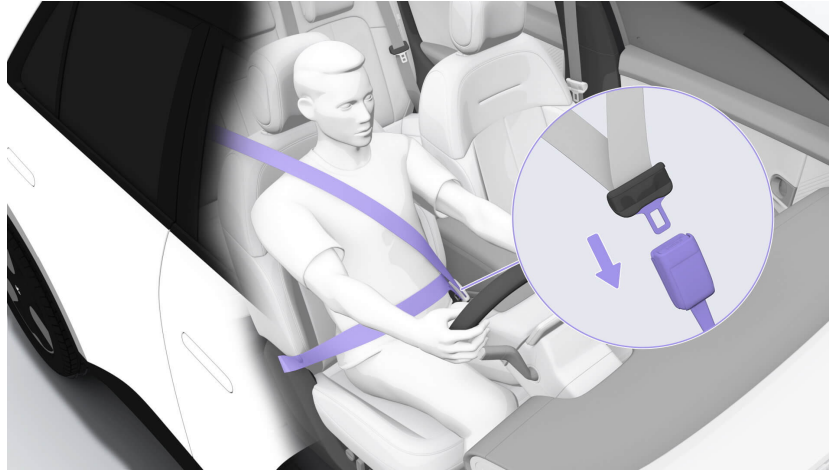
- When the driver is seated (with doors closed or the brake pedal pressed) or is driving, the corresponding seat belt warning light  on the digital instrument cluster turns on if a rear passenger has not fastened the seat belt, reminding them to do so immediately.
- When the vehicle speed exceeds 24 km/h, if any rear passenger unfastens their seat belt, the digital instrument cluster will activate a warning light and a warning chime. The warning light and chime will disappear after all passengers are buckled up.
- If a rear passenger's seat belt remains unfastened, the warning light will be constantly on and the warning chime will stop after 33 seconds. Once the chime has stopped, if the vehicle speed exceeds 24 km/h again after slowing down, the warning chime will sound again.

Warning

If the seat belt unfastened warning feature is not working properly, do not use the corresponding seat and contact the firefly service immediately for inspection.

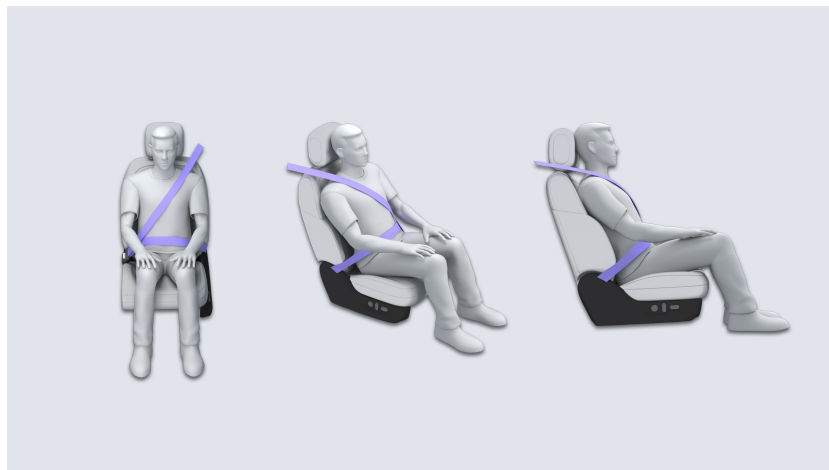
Wearing Seat Belts

Use the seat belts correctly as follows:



Pull out the belt tongue, draw the belt across your body, and ensure that the shoulder strap is placed over the shoulder while the lap belt is positioned across the hips. Never place the seat belt across the neck or abdomen. Insert the tongue into the corresponding buckle until you hear a click indicating it is locked in place.

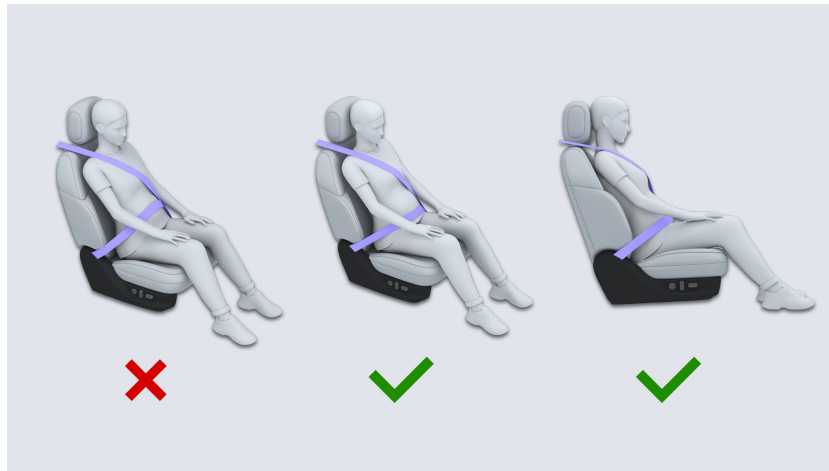
To release the seat belt, press the red button at the buckle, and the tongue will pop out. Now the seat belt can be retracted by hand. The tongue can be rolled back automatically into the upper fixing device of the seat belt.



Warning

- To maximize the protection provided by the seat belt, properly adjust the seat backrest and headrest before fastening the seat belt.
- Wearing a seat belt too loosely, tightly or twistedly may result in injury in the event of an accident.
- Pregnant women must wear the seat belt evenly across the chest and as low as possible across the hip. Keep the seat belt flat and close to the body to

avoid tightening in case of an accident, which can cause serious harm to both the woman and fetus.



Airbags

Airbag Instructions

Airbags are a supplementary restraint system that works with the seat belts. Airbags quickly deploy in serious accidents to protect the head and chest of passengers and reduce the severity of injury. However, they do not prevent limb injuries or scrapes and bruises. Therefore, the airbags should be used together with the seat belt to provide maximum protection.

Your vehicle is equipped with collision sensors. In case of a frontal or side collision that meets the conditions (depending on the type, angle and object of collision) for the airbag system to deploy, the airbags will deploy from the position corresponding to the collision. The gas generator inside the airbag will ignite and release gas at high pressure to blow open the cover of the airbag. Gas will fill the airbag to form a buffer protection layer that protects passengers, thereby reducing the risk of injury or death.

The vehicle airbag system includes frontal airbags and side airbags. The word "AIRBAG" is marked on the places where the airbags are placed to remind you of their locations.

- The frontal airbags include the front row head airbags, which are located in the trim cover of the steering wheel and at the instrument cluster panel on the front passenger side respectively;
- The side airbags include the side airbags (located on both sides of the driver seat and the outer side of the front passenger seat) and the curtain airbags (located above the doors on both sides, in the roof area from A-pillar to C-pillar).



1. Driver frontal airbag

2. Front passenger frontal airbag
3. Front seat side airbag
4. Curtain airbags
5. Front row middle airbag

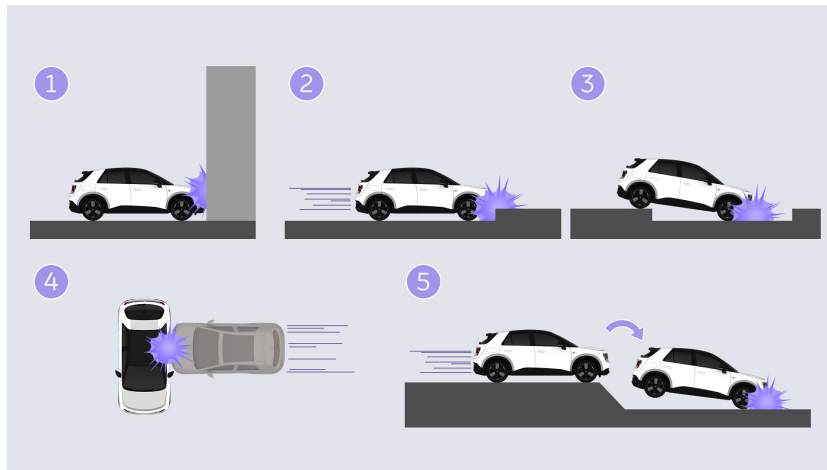
Warning

- Airbags, as an auxiliary safety feature, cannot replace seat belts for protection. They can only provide optimum protection for passengers when used in conjunction with seat belts. As a result, all passengers in the vehicle must wear their seat belts and maintain a proper sitting posture.
- The driver must keep at least 25 cm between his or her chest from the steering wheel when driving to prevent direct harm from the airbag deployment's impact force.
- Children are not allowed to sit in the front passenger seat unless the airbag of that seat is disabled. Children may get catastrophic injuries from the strong impact force produced by airbag deployment during a collision.
- Don't pile things in the front passenger seat. These objects may penetrate the airbag's deployment zone during emergency braking, which increases the risk of injuries when the airbag is activated.
- The protective airbag can only be activated once. You must replace the airbag if it has previously been activated. Please visit the firefly service as soon as possible to inspect the airbag system and, if necessary, replace it to ensure that the airbag system functions normally, even if the airbag did not deploy in some collision accidents.
- If the airbag cover plate is cracked or damaged, please refrain from driving and promptly reach out to the firefly service for assistance.
- When transferring your vehicle, all pertinent documentation must be retained and provided to the new owner together with the vehicle if the airbag system has been adapted. When replacing airbags, never use ones that have been removed or recycled from used vehicles.
- Unauthorized disassembly and assembly of airbag components, including airbag labels, is strictly prohibited.
- When an airbag deploys, smoke and powder are produced, both of which are non-toxic but may still cause discomfort to individuals.

- In order to prevent the seat covers from impairing the protective effect of the side airbags, please avoid installing seat covers on the side of the front seats where the airbags are located.
- Items should not be placed within the range of curtain airbag deployment (for example, on pillars, roof or handles). Passengers must not lean against the door to avoid injuries caused by the deployment of curtain airbags.
- Do not hang any hard items (such as hangers, fruit or glass bottles) on the coat hook next to the door to avoid injuries caused by the deployment of the curtain airbags.
- Please avoid placing any body parts, such as feet or knees, on or near the airbag cover plate to ensure the airbag's proper operation and prevent injuries during deployment. Additionally, refrain from placing or attaching objects to the airbag cover plate.
- Do not stick or place any items on the trim cover of steering wheel, or modify it in any way, to avoid injuries from airbag deployment.
- Do not place, hang or install any items above or near the instrument panel on the front passenger side to avoid injuries resulting from the deployment of the airbag.
- Do not modify your vehicle's roof to avoid interfering with the proper functioning of the curtain airbags and causing injury during airbag deployment.
- Do not position or hang any heavy or sharp objects on the sun visor on the front passenger side, to avoid injuries caused by the deployment of the head airbag installed in the instrument panel on the front passenger side.
- The smoke and dust produced during the rapid deployment of airbags can cause irritation, burns and scalding to your skin and eyes. In addition, the airbag fibers produced during airbag deployment can potentially cause skin abrasions and irritation.

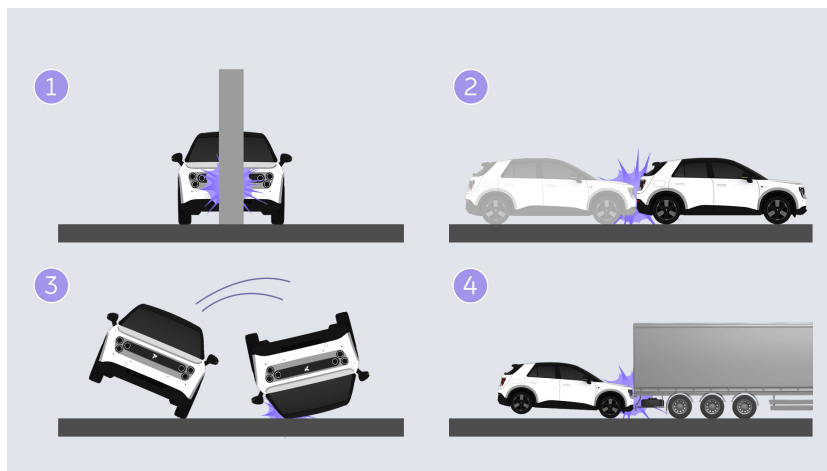
Airbag Deployment Conditions

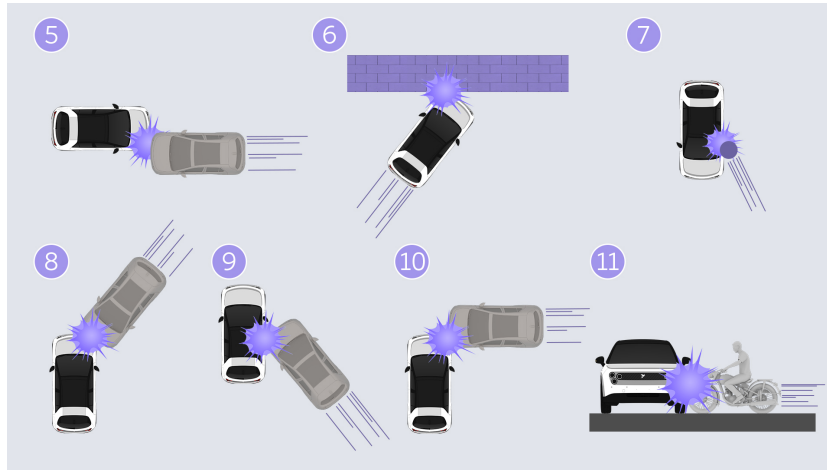
Airbags may deploy in the following conditions, including but not limited to:



1. High speed frontal impact with a wall or vehicle.
2. Impact with hard roadbed.
3. Falling into a deep ditch.
4. Side impact by a vehicle traveling at a high speed.
5. Landing on the road with a violent jolt.


The airbags may not deploy in some collisions, including but not limited to the following situations, please use seat belts correctly for protection:






1. Impact with a tree, pillar or other slender objects.
2. Rear collision from a vehicle behind.
3. Lateral rollover.
4. Collision or intrusion into the rear of a truck.
5. Collision with a vehicle from the side at the nose of the vehicle.
6. Collision with a wall from the side at the nose of the vehicle.
7. Side collision with a pillar.
8. Side collision at the front of the vehicle at a certain angle.
9. Side collision on the body of the vehicle at a certain angle.
10. Partial side collision.
11. Partial side collision.


Airbag Warning Light

The airbag warning light  indicating the airbag status is displayed on the digital instrument cluster. If this warning light is on after the digital instrument cluster is started, please stop using your vehicle and contact the firefly service immediately.

Deactivating the Front Passenger Airbag

Because the airbag expands rapidly and has a large impact force when it deploys, it is safer for the front passenger to stay at least 25 cm away from the frontal airbag.

If there are special circumstances (e.g., passengers with special medical needs or a child in a rear-facing child seat in the front passenger seat) where the front passenger airbag needs to be disabled, you can go to the settings interface from  on the control panel, and tap **General > Privacy & security > Front passenger**

airbag to disable the front passenger airbag. At this time, the icon  and text at the top of the control panel indicate that the front passenger airbag is disabled, so as to avoid serious injury to the front row passenger.

Caution

When the front passenger airbag is disabled, it will not automatically return to normal operating status. Therefore, after the current trip is completed, please activate the front passenger airbag again to ensure safety.

Safety Measures after Airbag Deployment

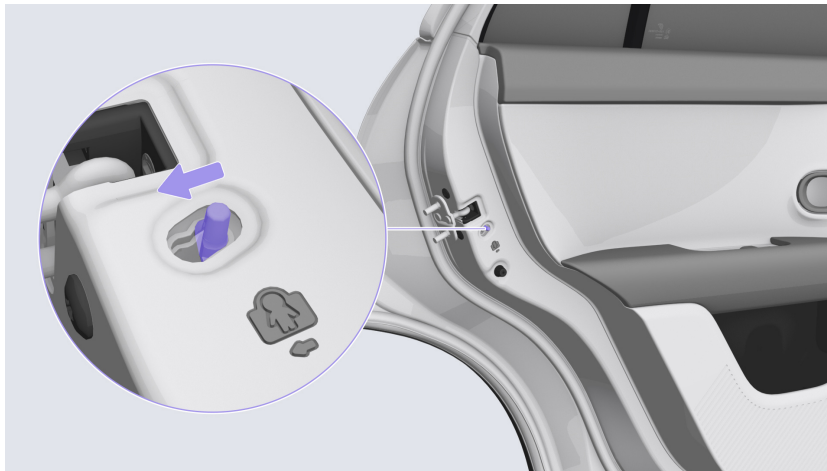
When the vehicle has a collision and the airbags deploy, the vehicle will automatically implement some safety measures to protect passengers in the vehicle:

- Cut off the high-voltage power supply to protect passengers.
- Unlock all doors to ensure that passengers in the vehicle or rescue personnel can open the doors.
- Open windows to prevent passengers from being trapped if the vehicle falls into the water.
- Turn on the hazard warning light to show the vehicle location and warn vehicles behind.
- Turn on the interior reading lights to facilitate rescue at night.

Child Locks

Rear Door Locks

To keep children safe, slide the knobs on the rear doors in the direction indicated to lock them.



Caution

- When the child lock is activated, do not leave children alone in the vehicle to avoid accidental injury.
- When activating the child lock, it is necessary to confirm the activating status to prevent activating failure.
- After the child lock of the rear door is locked, the rear door cannot be opened through the inner handle, and can only be opened from outside through the outer handle. After opening the rear door, slide the knob in the opposite direction to unlock the child lock, and the corresponding side inner handle will return to normal function.

Rear Windows Lock

You can go to the settings interface from  on the control panel and tap **Control > Doors & windows > Rear windows lock** to turn on or off this feature.

Once activated, the window switch on the rear door armrest will be disabled. You can only control the rear windows via the driver's side window switch or the firefly app. This function is set to follow the car's memory.

Note

After the rear window lock is turned on, only the rear window switch control feature will be disabled, and it will not affect the rear window control in other modes (such as auto close windows when locked, auto close windows in rain, pet mode, etc.).

Child Safety Seats

When a child under 12 years old or with a height less than 1.5 m rides in your vehicle, always install a child safety seat or booster cushion. Please have the child sit in the child safety seat or booster cushion instead of holding him or letting him sit on an adult's lap to fully protect the child.

Only child safety seats that are approved for children and comply with relevant regulations or standards should be utilized. When selecting a child safety seat, carefully inspect the seat's markings to verify its compliance.

When installing and using a child safety seat, follow the relevant laws and regulations, the instructions of the child safety seat manufacturer and the instructions on the safety of children in User Manual.

Important Instructions for Using Child Safety Seats

Proper use of child safety seats will greatly reduce the risk of injury to children and reduce the severity of injury in accidents. Please be aware of the following when using child safety seats:

- It is not recommended to install a child safety seat in the middle seat of the rear row.
- Children must use child safety seats, maintain a correct posture and have their seat belts fastened during their ride.
- Never let your children ride without proper protection.
- A single child safety seat must never be shared by two or more children simultaneously.
- Do not hold or carry children while riding in the vehicle.
- Keep hard or sharp objects away from the child safety seat, as they can pose a risk of injury during an accident.
- If a rearward-facing child safety seat is installed in the rear seat of your vehicle, it is necessary to adjust the corresponding front seat forward as appropriate. For a forward-facing child safety seat installed in the rear seat, consider adjusting the height of the seat headrest.
- Children need to be supervised by adults when sitting in child safety seats. Never leave children unattended inside the vehicle.
- It is prohibited to allow children to stand or kneel on seats while the vehicle is in motion. In the event of an accident, children may be ejected, which can lead to severe injuries or fatalities for both the children and other passengers.

- The instructions of the child safety seat manufacturer on the correct use of the seat belt must be observed. Proper fastening of seat belts can make full use of the protection afforded by the child safety seat.
- In case of collision or emergency braking, an improperly installed or unsecured child safety seat may move and injure other passengers in the vehicle. Therefore, even when the child safety seat is not in use, it must also be properly installed and secured in the vehicle.
- When a child is riding in the child safety seat, it is important to prevent them from leaning their head or body against the door, side of the seat, pillar, or below the roof beam. In case of an accident, side airbags or curtain airbags will deploy in those areas, increasing the risk of injury to the child.

Child Safety Seat Grouping

Only a child safety seat that is approved and suitable for the child is allowed to be used. Children taller than 1.5 m can use the vehicle seat belts as an adult. If a child safety seat needs to be used, it must comply with relevant regulations or standards.

CRS Table

Seating Position						
		1 st row Passenger ^{a)}				
	Driver	Front Passenger Airbag OFF	Front Passenger Airbag ON	2 nd row left ^{b)}	2 nd row middle ^{b)}	2 nd row right ^{b)}
Seating position suitable for universal belted (Yes/No)	X	Yes	No	Yes	Yes	Yes
i-Size seating position (Yes/No)	X	No	No	Yes	No	Yes

Seating position suitable for lateral fixture (L1/L2/No)	X	No	No	No	No	No
Largest suitable rearward facing fixture (R1/R2X/R2/R3/No)	X	No	No	R1/R2X/R2/R3	No	R1/R2X/R2/R3
Largest suitable forward-facing fixture (F1/F2X/F2/F3/No)	X	No	No	F2X/F2/F3	No	F2X/F2/F3
Largest suitable booster fixture (B2/B3/No)	X	B2/B3 ^{c)}	No	B2/B3	B2/B3 ^{c)}	B2/B3
<p>a) If needed, the seat can be adjusted forward or backward, and the seat back angle can be adjusted.</p> <p>b) If needed, the headrest can be adjusted or even removed. The front seats can be adjusted to ensure the child is not in contact with them.</p> <p>c) Only with seatbelt.</p> <p>X: seat position not suitable for installing a child restraint of this group</p>						

Recommended Child Restraints by firefly

Mass group	Recommended CRS
Group 0: up to 10 kg	Joie i-spin 360
Group 0+: up to 13 kg	Joie i-spin 360
Group I : 9 kg to 18 kg	Joie i-spin 360

Group II : 15 kg to 25 kg	-
Group III: 22 kg to 36 kg	-

Selection of Child Safety Seats

A front airbag warning label is located on the front passenger-side sun visor:

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



Children should use a child safety seat or seat belt in either outer rear seat according to the age, height and weight of the child:

- Infants with a height between 40-83 cm should use a reclinable child safety seat, preferably rear facing in the rear seats.
- Infants and toddlers with a height between 76-105 cm require seats with safety platforms or 5-point seat belts, strongly recommended to install rear-facing in rear seats.
- Children with a height between 100-150 cm should use forward-facing seats with vehicle seat belts in rear seats.
- Children with a height between 135-150 cm may use booster seats with vehicle seat belts in rear seats.

Warning

The shoulder belt must pass over the shoulder and fit snugly against the upper body - never across the neck. The lap belt must pass over the hips and fit snugly against the lower body - never across the abdomen.

Installation of Child Safety Seat

Before installing a child safety seat, please read the instructions for the child safety seat carefully to confirm that it can be installed in your vehicle. If the vehicle seat belt or ISOFIX connection can be used to secure the child safety seat according to the installation method of the child safety seat, it is recommended to use the ISOFIX connection preferentially.

- **Securing with Vehicle Seat Belt**

Install the child safety seat in the rear seat, thread the vehicle seat belt through the child safety seat and insert the tongue into the buckle. Make sure that the seat belt is straight, not twisted. Pull the seat belt to confirm that it cannot be extended.



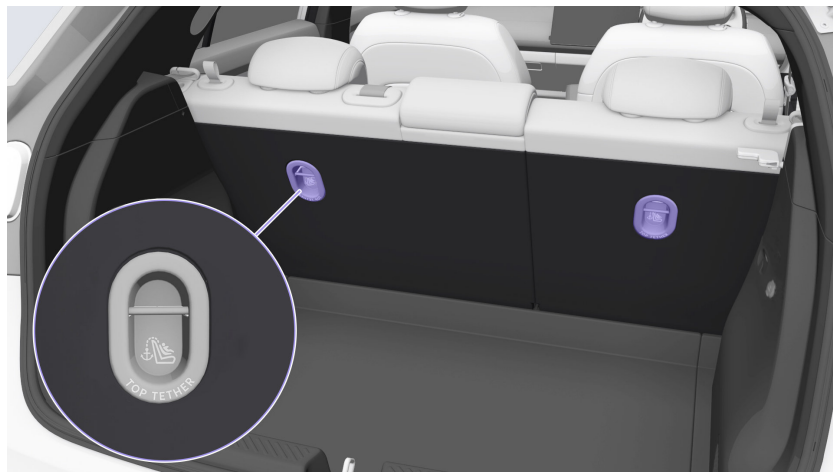
- **Securing with ISOFIX Connection**

Your vehicle's rear outboard seats feature ISOFIX anchors concealed under a protective flap between seat back and cushion. Lift the flap to access the anchors between these components, then install the child safety seat using ISOFIX.

1. Lift the connecting flap between seat back and cushion, then fold and secure it along the marked lower boundary above ISOFIX anchors. Then insert the child safety seat's lower connectors into the ISOFIX anchors until audible "click" confirmation.



2. Thread the upper fixing belt of the child safety seat under the seat headrest and connect it with the hook in the safety device at the back of the rear seat.



3. Pull the child safety seat firmly to check whether it is securely installed.

Warning

- The fixing device is only used for installing a child safety seat with an ISOFIX interface. To avoid injury, do not connect any other item to this fixing device.
- When installing and removing the child safety seat, follow the instructions for the child safety seat and the vehicle. Incorrect operations may result in injury to children or other passengers.

Multi Collision Braking (MCB)

Multi collision braking (MCB) comes standard on firefly. In certain types of collisions, the vehicle applies brakes to help prevent or mitigate a secondary collision. To help avoid or mitigate a secondary collision, the brakes are applied automatically to help braking the vehicle to stop.

The brake lights and hazard warning flashers will be activated and the flashers will remain on after the vehicle has come to a standstill. The electric parking brake will then be applied automatically.

In a situation where stopping the vehicle may not be desirable, you can override this operation by pressing the accelerator.

This feature can only function when the braking system is sufficiently intact after the collision.

Event Data Recorder (EDR)

This vehicle is equipped with an event data recorder (EDR). The main purpose of EDR is to record the data of some collisions or the conditions similar to a collision, such as airbag deployment or collision with obstacles on the road; these data can help to check the operation status of the vehicle's systems.

EDR on this vehicle can temporarily or permanently store technical information such as vehicle status, events and faults. The technical information can usually record the following status of components, modules, systems and environments:

- Status information of the vehicle and its components, such as vehicle speed, acceleration and vehicle identification number.
- Feature status of important system components, such as seat belt buckles.
- Vehicle reaction under special conditions, such as the triggering of airbags and the intervention of electronic stability system.
- Data of a period of time before and after a collision accident, such as braking, acceleration, steering operation, accident occurrence time, deployment information of passenger protection devices, seat belt status information, etc.

The EDR records data related to the active safety system from the following sources:

- The vehicle speed, the status of the anti-lock brake system, the status of the electronic stability control system, the status of the traction control system and the position of the brake pedal are recorded from the brake control unit (BCU).
- The status of the cruise control system, the adaptive cruise control system and the autonomous emergency braking system are recorded from the central computing cluster (CCC).

These data help to better understand the conditions when a collision or an injury occurs.

These data are only of natural attributes, which are used to identify and eliminate faults and optimize vehicle features, but the motion characteristics of road sections passed cannot be created based on these data.

These technical parameters and other information related to the vehicle, such as accident records, vehicle damage, evidence, etc. (which may require the

intervention of professionals), can be read with specialized equipment from on-board diagnostics (OBD) or airbag control module (ACM) in firefly service.

Third parties with specialized equipment, such as law enforcement agencies, can also access and read these technical data if they have permission to access the EDR.

If the EDR does not have enough space to record an event, the current event data will overwrite the previously unlocked event data, but the overwriting will be in chronological order. A locked event will not be overwritten by subsequent events.

Note


The EDR data is based on the coordinated universal time (UTC), and the corresponding regional time needs to be converted based on the time zone (**regional time = UTC time + time zone offsets**). For example, if the recorded UTC time is 6:00, the corresponding local time in Beijing (UTC+8 hours) would be 14:00 (6+8).

Note

firefly will not disclose the information in the data recording system to third-party personnel without the owner's permission.

Smart Image Display

Blind Spot View Camera

You can go to the settings interface from  on the control panel, and tap **General > Privacy & security > Blind spot view camera** to enable or disable this feature.

With this feature enabled, activating the left or right turn signal with the multifunction control stalk will display images from the corresponding side on the control panel. This feature helps to observe blind spots when turning and provide necessary safety alerts, helping to reduce driving risks. If obstructions are detected approaching from the corresponding rear side, the image window will display red alerts on the obstacle side for enhanced visibility.

The image window will be closed when the turn signal is off or when you tap the close button in the top corner of the control panel.

Starting the Vehicle

Once the vehicle is unlocked, it enters the ready to drive (power-on) state when the following conditions are met:

1. The driver is seated or the driver's seat belt is fastened.
2. The driver's door is closed, or the brake pedal is pressed.
3. The vehicle detects a valid key.

When you are seated in the driver seat and the vehicle detects a valid key, press the brake pedal and toggle the gear stalk to Drive (D) or Reverse (R) gear to start the vehicle. At this point, the instrument cluster will show **READY**, indicating that the vehicle is ready to deliver power.

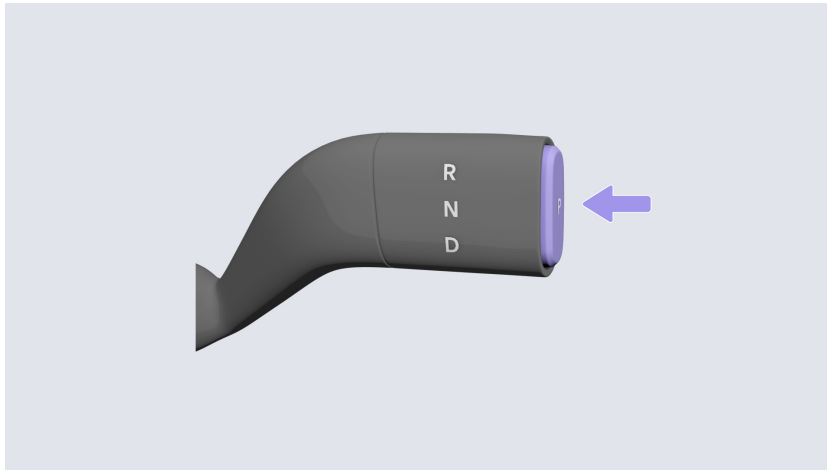
Warning

- Before driving, please fasten your seat belt and adjust the seat, steering wheel, rearview mirror, and side mirrors to the proper positions.
- Please manage your vehicle's phone key, NFC card and the firefly app properly, and do not allow individuals without driving ability or qualifications to sit in the driver seat.
- When starting the vehicle, there may be a short delay in the lighting of the control panel or the instrument cluster. Please wait for the screen to complete a self-check before shifting gears, driving, or performing other operations, to avoid personal injury or property damage.

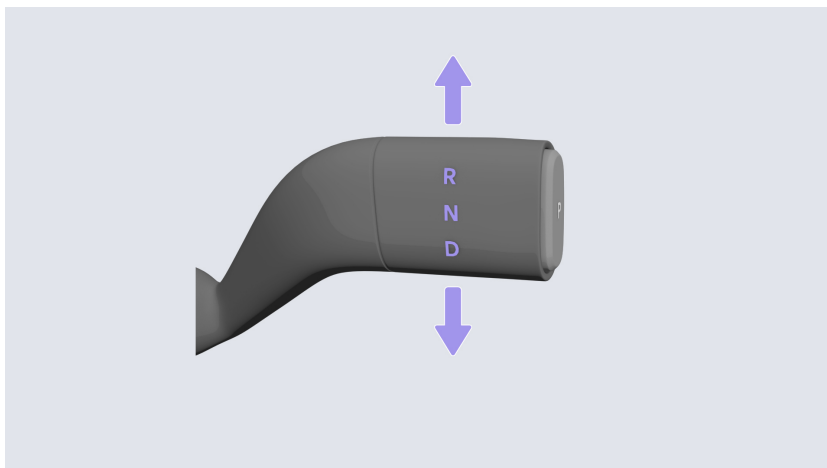
Gear Shifting

The right side of the steering wheel is equipped with a column-mounted gear stalk, featuring four gear positions: Park (P), Drive (D), Neutral (N), and Reverse (R).

When the vehicle is stationary, press the brake pedal and toggle the gear stalk up or down to shift gears. The instrument cluster will display the current gear; if the shift fails, please try again.



- **Park (P):** When the vehicle is stationary, press the Park (P) button on the side of the gear stalk to enter the Park (P); after pressing the brake pedal, toggle the gear stalk up or down to shift the gear out of the Park (P).



- **Drive (D):** When the vehicle is stationary, press the brake pedal and toggle the gear stalk all the way down to engage Drive (D).
- **Reverse (R):** When the vehicle is stationary, press the brake pedal and toggle the gear stalk all the way up to engage Reverse (R).
- **Neutral (N):**

- When the vehicle is in Park (P), press the brake pedal and gently toggle the gear stalk up or down and hold for more than 1 second to engage Neutral (N);
- When the vehicle is in Drive (D), gently toggle the gear stalk up and hold for more than 1 second to engage Neutral (N);
- When the vehicle is in Reverse (R), gently toggle the gear stalk down and hold for more than 1 second to engage Neutral (N).

Warning


While driving, please pay attention to your surrounding environment to prevent accidents.

Caution

- After shifting gears, be sure to confirm the gear position on the instrument cluster. If the gear position is not as expected, please confirm again or shift gears again.
- When the vehicle is in motion, in case of emergency such as brake pedal failure or sticking, perform emergency braking by long-pressing Park (P) gear.
- When the vehicle is in Neutral (N), press the brake pedal to avoid slipping.
- After finishing a trip, make sure that the vehicle is in Park (P) before leaving the vehicle.


Gear Shifting Sound




You can enable the gear shifting sound through the control panel.

Go to the settings interface from  on the control panel, and then tap **Sound > Gear shifting sound** to turn this feature on or off.

Drive Mode

Different drive modes correspond to different driving characteristics, experiences and sensations. Your vehicle has three basic drive modes: "ECO", "Comfort" and "Sport".

You can go to the settings interface from  on the control panel, and tap **Driving** to select:

-  **ECO:** Acceleration power is relatively smooth or limited, balancing handling and energy consumption.
-  **Comfort:** Acceleration power is smooth, prioritizing ride comfort while maintaining a certain level of handling, making it suitable for daily driving and riding.
-  **Sport:** Powerful performance is provided with responsive pedal feedback while maintaining a certain level of comfort, making it suitable for both daily driving and sport experience.


The drive mode of the vehicle is not remembered by the account and is only valid during the current driving. Drive mode is automatically restored to "Comfort" mode every time the vehicle is powered on.

In ECO mode, the system prioritizes energy savings and therefore A/C may be less comfortable than in other drive modes. If necessary, adjust the A/C temperature manually.

Regenerative Braking

When the vehicle brakes or coasts, its kinetic energy can be converted into electrical energy and stored in the high-voltage battery. You can adjust regenerative braking level to optimize energy consumption and extend driving range.

The instrument cluster displays the vehicle's current power output: The drive power output displays as a positive value, while regenerative braking power appears as a negative value.


You can go to the settings interface from  on the control panel, and tap **Driving mode > Regenerative braking** to adjust regenerative braking level (**Low/Standard/High/AUTO**) as needed.

Note

- When the regenerative braking is in a **Low** level, its deceleration is similar to the coasting deceleration of a conventional fuel vehicle after the accelerator is released; the higher the level, the more noticeable the deceleration during coasting.
- The strength of regenerative braking may affect the comfort of the ride. Please select an appropriate regenerative braking level.

Automatic Regenerative Braking

When regenerative braking is set to **AUTO**, the vehicle uses the current driver assistance plan to sense road conditions and intelligently adjust the regenerative braking deceleration according to the distance and speed of vehicles ahead.

Then, the automatic regenerative braking indicator  on the instrument cluster turns on. In addition, when you switch the instrument cluster to the energy consumption card using the right steering wheel buttons, you can also view the current regenerative braking deceleration in real time.


When the automatic regenerative braking is restricted, a warning message will pop up on the instrument cluster, the regenerative braking level will automatically shift to **Standard**, and the automatic regenerative braking indicator on the instrument cluster will turn off.

Caution

- When automatic regenerative braking is activated, keep the brake pedal under your control for safe driving.
- In severe weather, poor road conditions or in some special scenarios, the automatic regenerative braking feature may not be available due to the external environment and road conditions.

Coasting Energy Recovery Compensation

The braking effect via regenerative braking depends on the current status of the high-voltage battery. When the high-voltage battery temperature is too low or it is near full charge, the vehicle's power of coasting energy recovery will be limited and this may affect the braking effect. In this case, a warning message will pop up on the control panel to remind you to drive carefully.

To maintain a consistent regenerative braking deceleration effect, you can go to the settings interface from  on the control panel, and tap **Driving mode**> **Coasting Energy Recovery Compensation** to enable this feature.

When enabled, if the regenerative braking power is restricted, the brake system will automatically apply regular braking when you release the accelerator to ensure consistent deceleration matching unrestricted regenerative braking power, delivering a smooth driving experience.

Caution

- It is not recommended to activate the feature under severe weather or poor road conditions.
- In cases such as long downhill that may cause thermal degradation of the brake system, pay attention to the performance status of the brake system; alternatively, turn off the feature to ensure real-time sensing of the brake system's working status.
- In certain system failures (e.g., overheating of brake discs), this feature will be temporarily disabled and you can switch it back on when the faulty system is restored.



One-pedal Mode

One-pedal mode is a driver assist feature that simplifies the driving procedure by reducing the frequency of switching between the accelerator and brake pedals, thereby reducing driving fatigue.

- When the one-pedal mode is not enabled, if you release the accelerator while driving, the vehicle will still move slowly at a low speed (about 7 km/h in Drive (D) and 5 km/h in Reverse (R)) after decelerating via coasting energy recovery. You need to press the brake pedal for the vehicle to slow down further until it stops.
- Once the one-pedal mode is enabled, you can accelerate, decelerate and stop the vehicle with only the accelerator. The vehicle accelerates when you press the accelerator, decelerates when you release it, and continues to decelerate through coasting energy recovery until it comes to a complete stop when you fully release the accelerator.

You can go to the settings interface from  on the control panel and tap **Driving mode > One-pedal mode** to enable or disable this mode.

Once the mode is enabled, the instrument cluster shows as follows:

- The  indicator is on, the one-pedal mode is in standby state, and it is automatically activated when the vehicle shifts to Drive (D) or Reverse (R).
- The  indicator is on and the one-pedal mode is active.

When the mode is disabled, the one-pedal mode indicator on the instrument cluster turns off.

Caution


- You can still brake with the brake pedal when the one-pedal mode is enabled. When emergency braking is required or there is demand for relatively strong braking, press the brake pedal in time to ensure safe driving.
- When the one-pedal mode is enabled, the autohold feature on the control panel will be disabled.


Note

- In the event of a collision, the impact force can be transmitted to the driver's lower leg via the accelerator, which may cause injury. To protect the driver's safety, the accelerator is designed with a fracture limiter groove.
- When an accident happens and if the accelerator is subjected to a great lateral external force, the fracture limiter groove may cause the accelerator to break to protect the driver's leg.

Auto hold

Autohold is an automatic braking feature that keeps the vehicle stationary when you release the brake pedal after stopping.

With the one-pedal mode disabled, you can go to the settings interface from  on the control panel, and tap **Driving mode**> **Auto hold** to enable or disable this feature.

- When auto hold is enabled, the feature will be activated when you press the brake pedal while driving and the vehicle stops.
- The autohold indicator  on the instrument cluster turns on when the autohold feature is activated. After 10 minutes of activation, the vehicle will automatically engage Park (P) and activate the electric parking brake.
- When autohold is activated, you can step on the accelerator or the brake pedal to deactivate autohold.

When using autohold on the sloped roads, maintain control of the brake pedal. When activated, the brake system provides sufficient braking force to keep the vehicle stationary based on the gradient.

Caution

- The autohold feature cannot be activated when the vehicle is in Reverse (R) or Neutral (N).
- When using the autohold feature on a slope road, the slope of the road should not exceed 20% (approximately 11°).

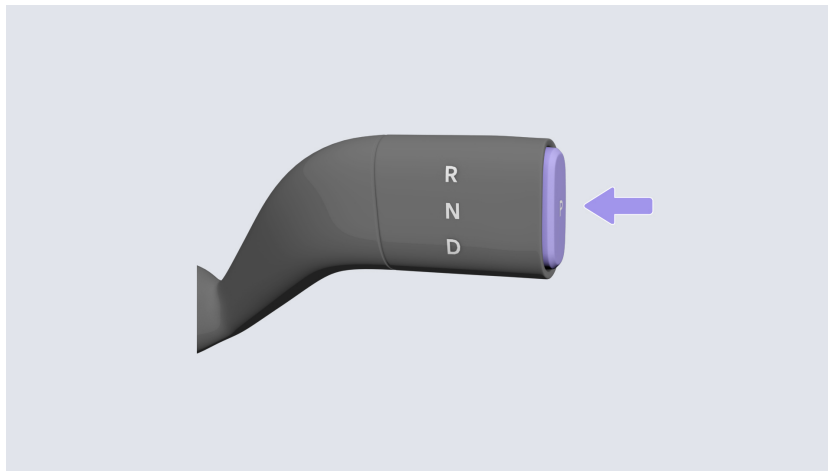
Electric Parking Brake (EPB)

Electric parking brake (EPB) prevents a stopped vehicle from moving on its own.

Enabling EPB

When the vehicle is stationary, you can manually enable the EPB in the following ways:

- Short press the Park (P) button on the side of the gear stalk to switch to Park (P).





- Go to the settings interface from  on the control panel, and tap **Driving mode > Electric parking brake > Tap to park**.

In the following scenarios, the vehicle will automatically enable EPB and shift to Park (P):

- With the vehicle stationary and the autohold activated, when the driver either opens the door or unbuckles the seat belt and exits the seat.
- With the vehicle stationary and the one-pedal mode activated, when the driver either opens the door or unbuckles the seat belt and exits the seat.
- When the vehicle is stationary and autohold is active for more than 10 minutes, or when the feature exits due to faults.
- When the vehicle gear is in D, R, or N, and charging/discharging device is inserted.

When the EPB is enabled, the EPB indicator  on the instrument cluster turns on, indicating the EPB is activated.

When the  indicator on the instrument cluster remains on, and the  indicator turns on and flashes, it signals a malfunction in EPB. Please drive carefully and contact the firefly service in a timely manner.

Releasing EPB

The EPB cannot be released manually via the soft switch on the control panel, but it can be released automatically in the following two ways:

- With the vehicle in Park (P), firmly depress the brake pedal and shift out of Park (P).
- When the vehicle is in Drive (D) or Reverse (R), press the accelerator.

Caution

- When the vehicle is parked on a sloped road, please be careful in releasing the electric parking brake to prevent the vehicle from slipping.
- To prevent the vehicle from slipping, the electric parking brake may remain on when you press the brake pedal on a steep slope road and shift from Park (P) to prepare for starting. With your seat belt fastened, you can press the accelerator and the electric parking brake will be released automatically.

Emergency Braking

In emergency situations while driving (such as brake pedal failure or jamming), long pressing the P button on the side of the gear stalk can provide deceleration assistance.


Releasing the P button or depressing the accelerator before the vehicle comes to a complete stop will immediately cancel the deceleration effect. To reactivate the deceleration effect, press the P button again.


Warning


- Do not activate the emergency braking feature in non-emergency situations, so as to avoid injury caused by accidents during driving.
- When you drive on large curves, uneven roads, or icy and snowy roads in winter, activating the emergency braking feature may cause your vehicle to spin or slip. Please drive with caution.

Electronic Stability System (ESC)

Electronic stability system (ESC) is a vehicle dynamic stability control system. During driving, ESC helps stabilize the vehicle and reduces the risk of fishtailing in case of skidding, understeering or oversteering.

ESC is enabled by default upon vehicle power-on. When the  indicator on the instrument cluster is on and flashes, it indicates that the ESC is working. However, if the indicator remains on, it indicates a fault in the ESC. Please drive carefully and contact firefly service promptly for assistance.

When the  indicator on the instrument cluster turns on, it indicates a fault in the anti-lock braking system. In this case, pressing the brake pedal may be accompanied by abnormal foot feel or noise, please drive carefully and contact the firefly service in time for assistance.



When the  indicator on the instrument cluster turns on, it indicates either a fault in the braking system or insufficient brake fluid level. At this point, to avoid potential danger, do not continue driving the vehicle and contact the firefly service immediately for assistance.

Warning

The electronic stability system cannot prevent accidents caused by dangerous driving behavior such as high-speed emergency steering. Please pay attention to driving safety.

Manual ESC OFF

When the vehicle needs temporary extrication (e.g. in snow or mud), the ESC may limit the power output of the vehicle, and you may need to temporarily turn off this system to get out of the situation.

You can go to the settings interface from  on the control panel, and tap **Driving mode > ESC OFF** to manually turn off the ESC. Then, the  indicator on the instrument cluster will turn on, and the lane assist function and emergency lane keep function will be turned off.

After extrication, please turn ESC back on (turn off the **ESC OFF** switch).

Caution


When the electronic stability system is turned off, the vehicle cannot be adjusted automatically if it slips, understeers or oversteers. Do not turn off manually unless necessary.

Note

After the electronic stability system is turned off, the vehicle will reactivate it automatically when the speed exceeds 100 km/h.


Comfort Stop (CST)

When you decelerate and brake normally in low-speed (about 3-7 km/h) driving scenarios such as traffic jams and red light stops, comfort stop (CST) will automatically optimize the braking force while ensuring a safe braking distance, reduce the inertia during vehicle deceleration, and minimize brake pitching and jerking.

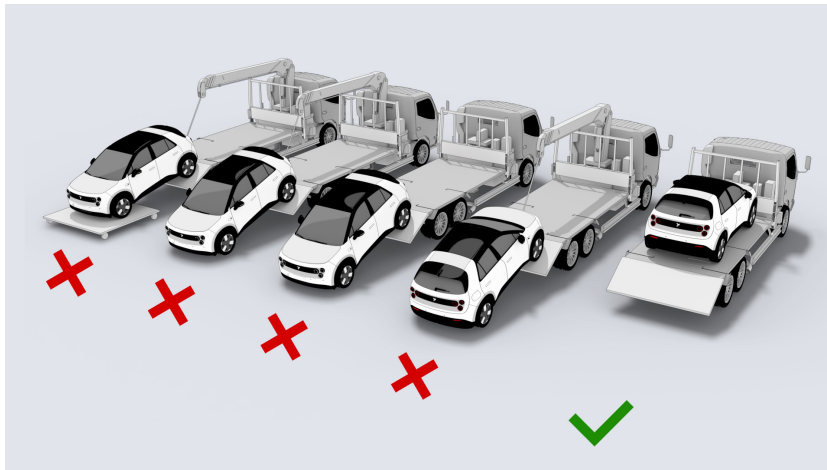
The comfort stop feature is disabled by default. You can go to the settings interface from  on the control panel, and tap **Driving > Comfort stop** to enable or disable this feature.

Neutral (N) Gear Mode



You can turn on Neutral (N) gear mode when preparing for automated car wash systems, vehicle towing, or other recovery scenarios.

When the vehicle is stationary and in Park (P), you can press the brake pedal, go to the settings interface from  on the control panel, and tap **Driving mode > Neutral (N) gear mode** to turn on this mode.

When the mode is on, the vehicle automatically shifts to Neutral (N) and disables the shift to Drive (D) or Reverse (R), and releases EPB at the same time. In this case, the vehicle will remain powered on, and all four wheels should not be on the ground when towed.



When towing is completed and the vehicle is stationary, you can exit this mode by using the following methods:

- Go to the setting interface from  on the control panel, and tap **Driving mode > Neutral (N) gear mode** again to manually turn off this mode.
- Go to the settings interface from  on the control panel, and tap **Driving mode > Electric parking brake > Tap to park** to enable EPB.
- Press the P gear button on the side of the gear stalk to shift into Park (P).

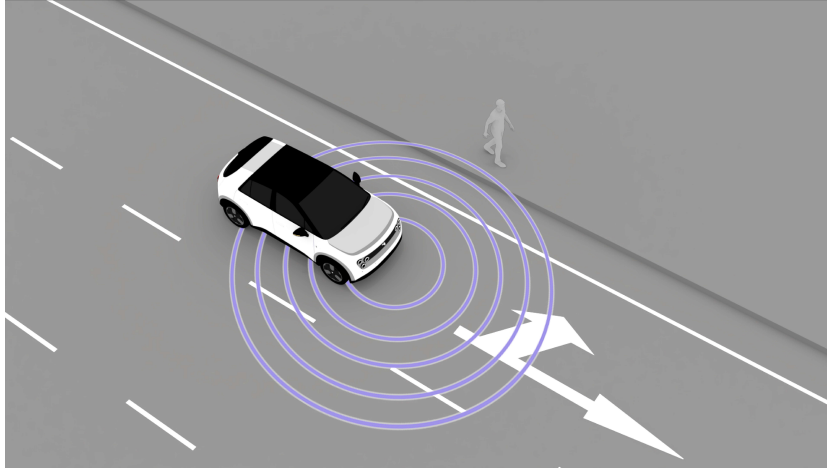
When the Neutral (N) gear mode is turned off, the vehicle will automatically shift to the Park (P) and EPB will be automatically turned on.

Caution

When shifting to neutral (N) gear mode, please press the brake pedal and ensure that the vehicle is stationary to avoid accidents caused by slipping.

Pedestrian Warning Alert

When your vehicle is traveling at low speeds (typically lower than 30 km/h), it produces a sound to alert other road users in the surrounding areas.




- When the vehicle speed is within 0-20 km/h, the sound intensity rises as the vehicle speed increases, and falls as the vehicle speed decreases.
- When the vehicle speed is within 20-30 km/h, the sound intensity drops as the vehicle speed increases, and rises as the vehicle speed decreases.
- When the vehicle speed exceeds 30 km/h, the sound ceases.
- When the vehicle speed decreases to 25 km/h, the sound starts up again.

Connection Management

Bluetooth Connection

You can connect a mobile device (e.g., phone, tablet, etc.) to the vehicle via in-vehicle Bluetooth.

1. Go to the settings interface from  on the control panel, and tap **General > Connect > Bluetooth** to turn on Bluetooth in the vehicle.
2. Turn on Bluetooth on your mobile device.
3. Tap **General > Connect > Bluetooth** to expand the Bluetooth settings interface, select the mobile device you want to connect, and manually pair to connect.


After the mobile device is connected, you can sync some of the features in the device (such as phone contacts, music, etc.) to the control panel of the vehicle. When you take a previously connected mobile device to the vehicle the next time, it can be automatically synchronized to the control panel without reconfirmation.

On the Bluetooth settings interface, you can also set the reception mode of phone sound:

- **Traditional mode:** To play mobile media or hear message notifications and other audio, you first need to switch the vehicle media to the Bluetooth source.
- **Real-time information (RTI) mode:** Instantly play mobile media, message notification etc.

Wi-Fi Connection

The vehicle can be connected to the network via a wireless LAN (Wi-Fi).

1. Go to the settings interface from  on the control panel, and tap **General > Connect > Wi-Fi** to enable the wireless feature of the vehicle.
2. Tap **General > Connect > Wi-Fi** to expand the Wi-Fi settings interface, select the wireless network you want to join, and enter the password to connect.

If the vehicle has previously connected to a Wi-Fi network, it will automatically reconnect when Wi-Fi is enabled and within range. If multiple known networks are in range, the vehicle will connect to the most recently used network first.

Apple CarPlay

Apple CarPlay is an in-car system developed by Apple that allows you to use your iPhone intelligently and safely in your vehicle.

Once your iOS device is paired and connected to the vehicle system via Bluetooth, if it also supports the CarPlay function, you can choose to enable CarPlay.

You can also open the application center panel from the bottom of the control panel, tap **Apple CarPlay**, and complete the pairing connection according to the pop-up guide.

With CarPlay, you can synchronize navigation, communication, media playback, calendar and other apps to the vehicle; Siri voice can also be used to control the phone, listen to music, navigate, and more.

Note

During System Update, CarPlay will be temporarily unavailable.

Sound Management

You can go to the settings interface from  on the control panel, and tap **Sound** to adjust the volume or set various alert sounds.

Note

Some interactive sound effect (such as start, instrument cluster on/off, etc.), sound alert (such as driver assistance system alert, instrument cluster alert sound, etc.) and radar sounds cannot be adjusted.

Sound Effect Adjustment

On the **Sound** interface, tap **Sound profile / Sound effect / EQ** to make respective settings:

- **Sound profile:** Including Smart mode and Manual mode.
 - **Smart mode:** The vehicle will automatically optimize the sound profile based on the seating arrangement of the passengers.
 - **Manual:** You can select multi-listener sound profile for group scenarios or turn on solo listening mode by tapping specific seats on the vehicle model diagram.
- **Sound effect:** Initially the **Default** sound effect is selected, and you can also select the three sound effect modes **Theatre / Vocal / Bass +**.
- **EQ:** The EQ supports seven-band adjustment for personal listening preferences. You can use the slider to increase or decrease the frequency, customize your preferred style, and overlay it with your vehicle's preset sound effect.

Note


When playing Dolby content, the sound effect mode will automatically switch to the **Default** mode, but this will not affect the currently selected sound. A pop-up window with details will appear on the control panel.

Volume Adjustment

On the **Sound** interface, you can adjust the following volumes by dragging the volume bar:

- **Media:** Adjust the volume for Bluetooth/USB/Online music, podcasts, videos and radio etc.
- **Voice:** Adjust the volume for voice broadcast, etc.
- **Call:** Adjust the call volume.
- **Ringtone:** Adjust the phone ringtone volume.

Tap the icon to the left of each volume bar to mute the corresponding audio source; tap the same icon again to restore the previous volume.

You can also on the left side of the home interface of the control panel ******Note!** Quickly adjust media volume by a two-finger vertical swipe. Tapping  on the quick access panel will expand the volume adjustment window for quick adjustment of other volume levels.

Sound Control

On the **Sound** interface, you can set the in-car sound effects:


- **Speed volume compensation:** When enabled, the system dynamically adjusts volumes for media, lumo, and calls in response to vehicle speed, compensating for increased ambient noise.
- **Lower volume when door opens:** When enabled, the system will actively reduce the audio volume when the door (excluding the liftgate and hood) is opened, with volume restoration to prior levels upon door closure.

Alert Sounds


On the **Sound** interface, you can manage various alert sounds:

- **Lock confirmation sound:** Vehicle exterior audible alert on lock.
- **Gear shifting sound:** The alert sound emitted by the system during gear shifting, allowing the driver to better understand the execution of the gear shift operation.
- **System sound:** System sound alert when you touch or tap the screen to interact.

App Management

You can open the application center panel by tapping  from the bottom of the control panel, and tap the application icon to open applications.

Long press the icon on the control bar at the bottom of the control panel to enter the edit mode. You can quickly add applications and some vehicle control features to the control bar, and you can sort or remove applications from the control bar.

You can also go to the settings interface from  on the control panel and tap **General > System > APP management** to manage applications.

Multimedia & Entertainment

Multimedia

You can select different content platforms or third-party apps to listen to music and programs in the "Multimedia center" scene-based component on the control panel:

- Select an app like "Spotify" and "Tidal" to play audio albums online.
- Select "Radio", etc. to listen to radio stations.
- After a mobile device is connected to your vehicle via Bluetooth, you can select "Bluetooth" to play the music in the mobile device.
- Insert a USB drive into the USB port in your vehicle to play the music in the USB drive. Media formats currently supported on USB drive include ".mp3", ".wav", ".m4a", ".aac", ".flac", ".ogg", ".amr", and ".3gp".

In-vehicle Dolby Atmos provides a finely tuned, balanced audio experience with an optimal music listening configuration for the vehicle's interior environment. As a result, the vehicle becomes an ideal immersive space for enjoying music, which sounds more layered and richer than ever before.

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Video

When the vehicle is in Park (P), you can open a video application in the application center on the control panel. Your vehicle will provide you with online videos. You can log in to your account on the video application to sync your play history and favorite episodes.

Note

Only one format of audio files can be played at a time when using the multimedia function.

Phone and Calendar

You can easily make and answer calls or manage your schedule via the vehicle system.

Phone


After pairing your phone's Bluetooth with your vehicle's, you can open the application center panel from the bottom of the control panel to go to the **Phone** app.

When your contacts and recent calls in your mobile phone are synchronized to your vehicle, you can choose a specific contact or recent call or enter a phone number directly to make a call. During a call, you can switch between phone and vehicle modes.

You can browse your recent calls, or switch to other Bluetooth phone devices or hide call history in the dialing interface.

Customer Service

If you encounter any problems with your vehicle, you can call customer service for inquiries or to report an issue.

After pairing your phone's Bluetooth with the vehicle's, go to the settings interface from  on the control panel and tap **General > Privacy & security > Customer service** to view and call customer service.

Calendar

You can open the application center panel from the bottom of the control panel, or tap the ambient ring clock to enter the **Calendar** app, where you can view and manage important events and reminders. The schedule set in the calendar will be saved in your personal account, and reminders will be triggered at the set time.

Scenario Intelligence

You can open the application center panel from the bottom of the control panel, and tap **lumo** to go to "Scenario intelligence", then swipe through the scenario cards to choose a recommended template.

Tap the scenario card to go to the corresponding setting interface; tap the **Run** button (if any) on the scenario card to apply the corresponding content. The intelligent scenarios (subject to the vehicle's actual configuration) currently available include:

- **Power-keep mode:** Maintain a stable interior environment when briefly leaving the vehicle.
- **Pet mode:** To maintain a comfortable temperature and ventilation inside the vehicle, you can safely leave pets inside.
- **Nap mode:** Sleep-inducing music and timer alarm are provided.
- **Warm comfort:** Quickly increase the cabin temperature when it is cold (by turning on max heating, etc.).
- **Cool comfort:** Quickly reduce cabin temperature when it is hot (by turning on max cooling, ajar mode, driver seat ventilation, etc.).
- **Smart drive & park:** Provide convenient parking information and parking assist.
- **Car wash scenario:** Designed specifically for the car washing scenario, it makes the process more convenient and safe.
- **firefly speedway:** Create a racing atmosphere to enhance driving pleasure.

Wash Mode

Activating the wash mode before starting to wash the vehicle can reduce the chances of damaging vehicle components due to misoperation when washing the vehicle. When the vehicle speed is below 3 km/h, you can open the application center panel from the bottom of the control panel, and tap **lumo > Car wash scenario** to enable or disable this mode.

When the wash mode is enabled:

- The windows will be closed;
- Automatic wipers and walk-away auto lock will be disabled;
- The A/C (if turned on) will be automatically switched to recirculation.

The above settings can also be manually changed during the washing process. Some features will be restored once you exit the wash mode. Additionally, you can quickly fold the side mirrors * and enable the "Screen cleaning" on this settings interface.

Features marked with "" will vary by model. Please refer to the actual vehicle configuration.*

The wash mode will automatically exit when the vehicle speed exceeds 15 km/h.

Caution

- Before a car wash, you are strongly advised to enable Car wash mode from the Control Panel, quickly close the windows with one touch, and disable the sensing function to avoid unnecessary losses.
- Before washing the vehicle, please manually close the charging/discharging port cover.
- Before your vehicle undergoes a tunnel-type automatic car wash, please first enable the **Neutral (N) gear mode**, then enable the Car wash mode.
- Do not enable the **Wiper service mode** before using a contact-type car wash (with brush/foam).


Note

- It is not possible to activate Car wash mode simultaneously with other modes such as Power-Keep mode or Pet mode.

- Do not perform System Update after activating Wash mode.

Screen Cleaning

Screen cleaning prevents you from accidentally touching and activating features on the control panel during interior cleaning.

You can go to the settings interface from  on the control panel and tap **Display > Screen cleaning > ON** to manually enable this mode.

Once enabled, long press the screen for 5 seconds to exit.

Pet Mode

When the vehicle has sufficient battery power or is in charging status, with the high-voltage system and A/C system functioning normally, and the gear in Park (P), you can open the application center panel from the bottom of the control panel, tap **Pet desktop** at the bottom to enable pet mode. When you need to leave your pet in the vehicle temporarily, enabling this mode can ensure pet safety and vehicle safety.

The pet mode is disabled by default before each drive. If you switch accounts after enabling this mode, the function settings will remain unchanged.

When you enable the pet mode, it will be activated automatically when you leave the vehicle and close the doors:

- A/C enters automatic mode (maintain the current temperature by default but can be adjusted manually), and the control panel shows the current cabin temperature and related prompts.
- Windows will be automatically closed, and exterior lights (except for parking lights), etc will be automatically turned off.
- The brightness of the instrument cluster will be adjusted to the lowest level, while the brightness of the control panel will be set to 50%.
- Functions like **lumo voice wake-up**, gear stalk, steering wheel button, window button, etc. will be disabled.
- Some remote control features of the firefly app will be disabled.

After the mode is activated, you can remotely check the current vehicle status through the firefly app.

Caution

- Pet mode should only be enabled for the temporary placement of pets. Please do not leave children alone in your vehicle.
- Please manually turn off the child lock before enabling the pet mode.
- After the pet mode is enabled, system update cannot be performed for your vehicle.
- When the pet mode is activated, if the current range of the vehicle is less than 10 km, the pet mode will automatically deactivate and windows will automatically switch to the ajar mode.

- When the pet mode is activated, if the high-voltage, low-voltage or A/C system of the vehicle are abnormal, the pet mode will automatically deactivate and windows will automatically switch to the ajar mode.
- In the event that pet mode exits due to a system condition, the firefly app will notify you with a message.

Nap mode

When the vehicle has sufficient battery power or is in charging status, with the high-voltage system and A/C system functioning normally, and the gear in Park (P), you can open the application center panel from the bottom of the control panel, tap **Nap desktop** at the bottom to start napping.

At the nap desktop, you can:

- Tap **Clock** to set the duration of the nap or the specific wake-up time. You can also set a **Charging alarm** here to set a target charge level while charging. The alarm will automatically sound when the target level is reached.
- Tap **Ambient lights** to turn the lights on or off, or activate synchronization features.
- Tap **Start** to start napping.
- Swipe left and right to switch between different sound scenarios.

You can also open the **lumo** app, tap **Nap mode** to go to the scenario settings interface, and set alarms and sleep-inducing music:

- **Background sound volume:** You can drag the volume bar to adjust the volume of background music. You can also set the duration of background sound timer, and the music will automatically turn off after reaching the set time.
- **Alarm volume:** You can adjust the alarm volume by dragging the volume bar. Additionally, you have the option to select your preferred ringtone.
- **Auto temperature adjustment:** You can either sync the current A/C temperature when starting a scenario or adjust it separately by dragging the temperature bar.
- **Seat and atmospheric light linkage:** You can enable the synchronization feature for seats (if provided) or ambient lights. When you start a nap, the seats will automatically adjust to the appropriate position, and the ambient lights will automatically switch to the color and effect that matches the theme.

Caution

- Make sure that the vehicle is in Park (P) and not in a power swap state.
- Before starting the scenario, close all doors and liftgate for safety.
- If the vehicle is not charging, ensure that it has a remaining range of at least 60 km.

- After a nap begins and when moving the front seats backward, make sure to check the rear passenger space.
- The vehicle will automatically exit the current scenario under certain circumstances, such as shifting the gear out of Park (P), or the current vehicle status does not allow continued operation.

Power-Keep Mode

When the vehicle has sufficient battery power or is in charging status, with the high-voltage system and A/C system functioning normally, and the gear in Park (P), you can open the application center panel from the bottom of the control panel, and tap **lumo > Power-keep mode** to enable this mode. When you need to leave the vehicle temporarily (such as getting breakfast), enabling this mode can maintain the stability of the in-vehicle environment.

Before enabling the power-keep mode, you can set the **Mode running time** on the control panel. Once the set time is reached, the vehicle will automatically exit this mode. You can also set here whether to turn off the headlights during this operation period.

Upon completion of the settings, tap the **Run** button in the top right corner of the interface to enable the power-keep mode. The mode will be activated automatically when you lock the vehicle. After that:

- Functions like **lumo voice wake-up**, gear shifting, wipers, and lights will be disabled;
- Some remote control functions of the firefly app will be disabled.

After the mode is activated, you can also remotely check the current vehicle status or disable the mode via the firefly app.


Caution

- Power-keep mode is only applicable to maintaining a stable interior climate during a temporary walk-away. Do not leave children and pets alone in your vehicle.
- It is not possible to activate power-keep mode simultaneously with other modes such as nap mode or pet mode.
- After power-keep mode is activated, system update cannot be performed for your vehicle.
- If the current remaining range of your vehicle is less than 10 km and it is not being charged, power-keep mode will automatically exit.
- If the high-voltage system or A/C system of your vehicle is abnormal, power-keep mode will automatically exit.

lumo

lumo is a multimodal digital intelligent assistant. Through conversation with lumo, you can control your vehicle more conveniently and enjoy a smart mobility experience.

lumo Settings

You can go to the settings interface from  on the control panel, and tap **My car** > **lumo settings**; also, you can open the application center panel from the bottom of the control panel, and tap **lumo** to enter the settings interface to manage lumo as follows:

- **lumo activity:** lumo activity is divided into "Balanced", "Concise" and "Silent" modes, which you can adjust based on the feedback you are expecting.
- **lumo suggest settings:** Here you can manage the lumo suggest switch and customize push suggestions based on scenarios and habits.
 - **lumo suggest:** With this function switch on, lumo will create personalized push recommendations based on scenarios and usage habit.
 - **Ways to push:** Select the location of suggestion push, including "Entire journey" and "Desktop only".
 - **Suggestion type:** Adjust the desired scenario categories for push, including "Convenient travel", "Cozy environment" and "Smart ambience".

firefly app Vehicle Control

You, co-user and authorized users can use the firefly app to control invehicle features.

Caution







When using the vehicle control feature of the firefly app, please check the vehicle status and surrounding environment to avoid accidental property damage or personal injury.

Note

- The vehicle control feature of the firefly app requires a network connection to work properly. This feature may be affected if there is poor or no network connection.
- We will continuously iterate on the firefly app. Please download the latest version to take advantage of the new and improved features.

Quick Access

On the firefly app's "My car" interface, you can expand or collapse the quick access bar, or long press the function icon on the quick access bar to adjust the position. Currently, quick access bar can manage the following features (including but not limited to):

- **Door lock:** Tap  to unlock or lock the vehicle.
- **Liftgate:** Tap  to slightly open the liftgate.
- **Windows:** Tap  to open the front right and rear left windows partially (about 12% area) or close all windows.
- **Find my car:** Tap  to turn on find my car feature, and the headlights flash and the horn honk for about 10 seconds before automatically being turned off to indicate the vehicle location.
- **Deodorization:** Tap  to turn on vent mode to dry the A/C box and filter, clean cabin air, and remove odor. The feature turns off automatically after 1 hour of operation.
- **Defrosting:** Tap  to turn on A/C to blow air onto the front windshield, and heat side mirrors and rear windshield. The feature turns off automatically after 15 minutes of operation.

Cabin Comfort

On the firefly app's "My car" interface, you can tap the temperature control card to go to the comfort control interface.

Here, you can remotely control in-vehicle devices such as the A/C, including turning the A/C on or off, adjusting the A/C temperature, etc.

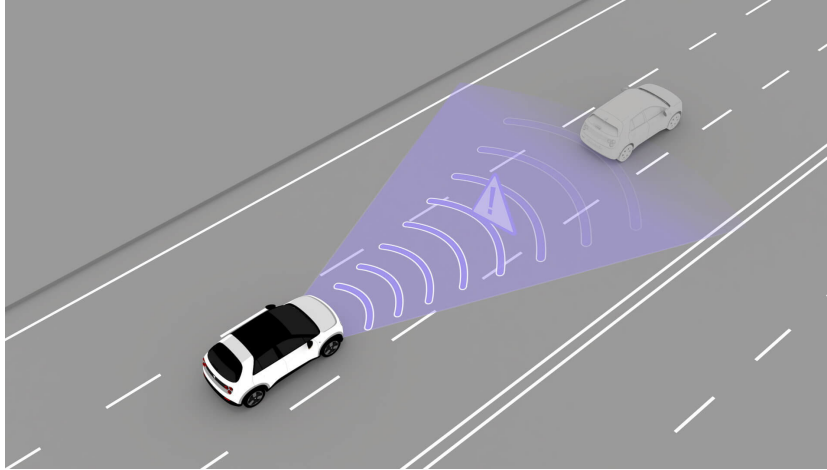
Map

On the firefly app's "My car" interface, you can tap the map card to go to the vehicle control mini-map interface.

Here you can view the vehicle location, search for addresses, plan routes, etc.

Forward Collision Warning


Forward collision warning (FCW) will alert you with sound, images and vibration if the system detects a potential collision risk with a vehicle, pedestrian, or cyclist ahead.



Warning

- FCW is an assist feature, which is only effective in forward driving and may be subjected to detection delay or failure due to environmental factors.
- Drivers must always stay attentive, proactively anticipate risks and respond in a timely manner, and shall not rely on or test the feature.
- Autonomous emergency braking (AEB) will intervene in case of high collision risk, but drivers always bear the responsibility for safe driving and shall strictly abide by traffic regulations.

Enabling/Disabling FCW

FCW is enabled by default. You can go to the settings interface from  on the control panel and tap **Driver assistance > Safety guardian > Forward collision warning** to set the warning timing or disable the feature.

When the vehicle speed reaches or exceeds 4 km/h, FCW can provide collision warning for vehicles, pedestrians or cyclists ahead.

When FCW is triggered, the instrument cluster will display visual warnings and the vehicle will sound alarms reminding you to brake.

Caution

- Once the forward collision warning (FCW) is deactivated, the vehicle will not provide alerts for potential collisions. It is recommended that you do not deactivate this feature.
- This feature will be automatically activated when the vehicle is powered on again.

Precautions and Restrictions

The following situations may lead to a recognition disorder of cameras, radars and sensors, preventing the normal operation of driver assistance features, which include but are not limited to:

- Poor visibility due to inclement weather (rain, snow, fog, haze, sand, etc.) or splashing water, snow or dust caused by vehicles.
- Sudden changes in ambient brightness, such as tunnel entrances or exits.
- Reduced recognition capability due to dim surroundings, such as at dawn, dusk, night, or in a tunnel or large areas of shadow, etc.
- Thin, sharp, and low stationary obstacles, such as chains, thin poles, curbs, pillars, road surface protrusions, or scattered metals, flower beds, shrubs, etc.
- Suspended obstacles, such as low-hanging electric wires, tree branches across the road, height restriction bars, unraised barriers, balloons, drones, etc.
- Items with special surfaces or structures, such as glass, foam, stainless steel roadblocks, thin wooden boards, wire mesh fences, hollow railings, tables and chairs, open doors, etc.
- Error of cameras, radars, sensors, etc. (such as blocked by objects or stained, installation position altered, exposed to bright light or reflective conditions, extremely high or low temperature, malfunction, etc.).
- Due to the limitations of radar detection, false alarms are likely in very rare and specific situations due to metal fences, green belts, concrete walls, traffic signs of expressway and elevated roads, high-speed anti-collision barrels.
- Complex or unfavorable road conditions, such as steep slopes, sharp turns, continuous curves, construction zones, water accumulation, snow accumulation, icy surfaces, collapses, potholes, temporary detours, missing manhole covers, and blurred markings, etc.

FCW will only respond to vehicles, cyclists and pedestrians that meet the conditions. The following targets will not be responded to, including but not limited to:

- Walls, animals, traffic lights, thin poles, roadblocks (such as traffic cones), sidecrossing vehicles, cross-riding motorcycles, etc.

FCW has certain limitations in special vehicle recognition, night detection, stationary or low-speed vehicle detection, and special scenes. Special attention is needed when using it to ensure the effectiveness and safety of the feature.

- This feature cannot guarantee the recognition of special vehicles in all circumstances, especially during nighttime, when extra caution is required. For example, three-wheeled vehicles, vehicles with damaged taillights or indistinct rear contours, vehicles with obstructions at the rear, vehicles with irregular shapes, vehicles with a rear vertical surface below a certain height, and unloaded commercial vehicles, among others.
- The feature may have false negatives for stationary or slow-moving vehicles, especially during nighttime, when extra caution is required.
- There is a possibility of false triggering of the feature in special scenarios where vehicles need to drive close to carrier trucks or recovery vehicles.

To perform this feature optimally, the system needs to recognize the outline and main features of the pedestrian's body as clearly and completely as possible, which means that the head, shoulders, arms, legs, upper and lower body of the pedestrian can be recognized by integrating them into standard human movements. The following situations may cause pedestrians not to be recognized and prevent the FCW from operating as expected, which include but are not limited to:

- Pedestrians taller than 200 cm or shorter than 100 cm, especially children.
- Pedestrians bend or squat.
- Pedestrian is seated in a wheelchair.
- Pedestrian suddenly darts out.
- Pedestrians walking in dark places such as roads at night, in tunnels, etc.
- Pedestrians being too close to the sensor when they first appear in the sensor's field of view.
- Pedestrians in close proximity to each other.

- Contours of pedestrians unable to be clearly identified due to color and material of clothing, obstruction, environment, lighting, speed, etc.

To perform this feature optimally, the system needs to recognize the outline and main features of the cyclist's body as clearly and completely as possible as well as the outline of the bicycle. The following situations may cause cyclists not to be recognized and prevent the FCW from operating as expected, which include but are not limited to:

- Contours of a person or a bicycle unable to be clearly identified due to environment, speed, distance, obstruction, etc.
- Cyclists riding self-balancing scooters, standing scooters, certain types of seated scooters, and special-shaped electric bicycles.
- Fallen cyclists.

FCW may malfunction if the target is not right in front in some situations, including but not limited to:

- It will not respond to targets in the blind spots of the sensor, such as targets in blind spots at corners, and sides and rear of the vehicle.
- The target may be incorrectly selected or missed when the vehicle is approaching or navigating a curve.
- The target may be lost or the distance to the target may be misjudged when the vehicle is on a slope.
- When only part of the body of a vehicle in an adjacent lane cuts in front of your vehicle (especially when it's a larger vehicle such as a bus, truck, etc.), the target may not be recognized in time.
- When your vehicle abruptly cuts in behind a vehicle ahead, or another vehicle abruptly cuts into or out of the front of your vehicle, the target may not be recognized in time.
- When the vehicle ahead has a large angle relative to your vehicle, it may not be recognized in time.
- When only part of the body of the vehicle ahead overlaps with your vehicle, it may not be recognized in time.
- When the vehicle ahead suddenly stops in low-speed traffic congestion, it may not be recognized in a responsive manner.
- Situations such as within a short amount of time after powering on, when the vehicle is in Park (P), when a seat belt is unfastened, etc.

FCW may malfunction due to special or complicated road conditions, including but not limited to:

- Tunnel entrances and exits.
- Uphill and downhill slopes, uneven roads, winding roads, sharp curves.
- Large numbers of pedestrians, bicycles, electric bicycles, or animals.
- Water, mud, potholes, snow, ice, cave-ins, speed bumps, or obstacles on the road.
- Complex and varied traffic conditions, such as busy intersections, expressway ramps, and congested roads.

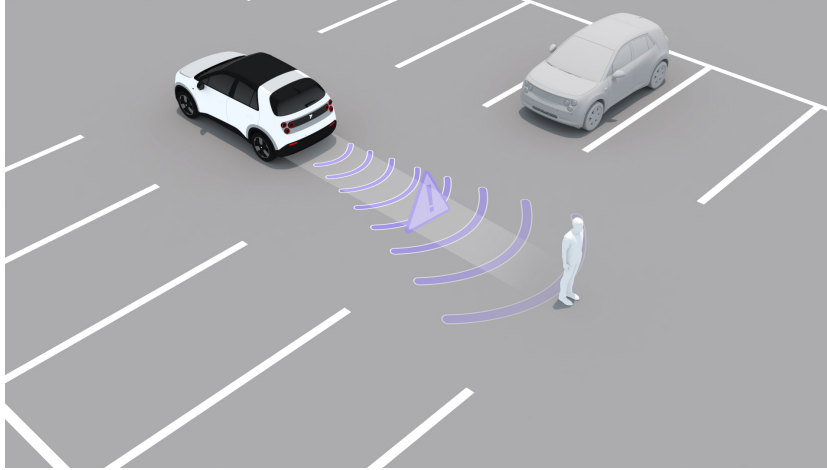
The following actions may result in FCW not issuing an alert, including but not limited to:

- When the driver is already applying the brakes, FCW may not issue an alert.
- When the driver presses the accelerator deeply or suddenly, the FCW may not issue an alert.
- When the driver makes a sudden steering maneuver, FCW may not issue an alert.


The above warnings, precautions and restrictions do not exhaust all the situations that may affect the proper operation of FCW. There are many factors that may interfere with FCW. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Reverse Collision Warning

Reverse collision warning (RCW) will alert you with sound and images if the system detects a potential collision risk with a pedestrian.



Enabling/Disabling RCW

RCW is enabled by default, and follows account memory. You can go to the settings interface from  on the control panel, and tap **Driver assistance > Safety guardian > Reverse collision warning** to enable or disable this feature.

Operating conditions for RCW:

- The driver is seated.
- The vehicle is in Reverse (R).
- The vehicle travels at a speed of 4-15 km/h.
- The rear camera has a clear view.
- Components of the RCW system work properly.
- The vehicle is in the normal driving state in the lane, without sharp acceleration and deceleration, sharp turns, etc.

When RCW is triggered, the instrument cluster shows an image warning and the vehicle sounds an alarm.

Caution

- As a driving assist feature, RCW has limitations. It may become ineffective or untimely due to environmental factors or operational restrictions.
- Drivers must remain focused, bear ultimate responsibility for safety and comply with traffic regulations.

Precautions and Restrictions

The following situations may lead to a recognition disorder of cameras and sensors, preventing the normal operation of driver assistance features, which include but are not limited to:

- Poor visibility due to inclement weather (rain, snow, fog, haze, sand, etc.) or splashing water, snow or dust caused by vehicles.
- Sudden changes in ambient brightness, such as tunnel entrances or exits.
- Reduced recognition capability due to dim surroundings, such as at dawn, dusk, night, or in a tunnel or large areas of shadow, etc.
- Thin, sharp, and low stationary obstacles, such as chains, thin poles, curbs, pillars, road surface protrusions, or scattered metals, flower beds, shrubs, etc.
- Suspended obstacles, such as low-hanging electric wires, tree branches across the road, height restriction bars, unraised barriers, balloons, drones, etc.
- Items with special surfaces or structures, such as glass, foam, stainless steel roadblocks, thin wooden boards, wire mesh fences, hollow railings, tables and chairs, open doors, etc.
- Error of cameras, and sensors, etc. (such as blocked by objects or stained, installation position altered, exposed to bright light or reflective conditions, extremely high or low temperature, malfunction, etc.).
- Complex or unfavorable road conditions, such as steep slopes, sharp turns, continuous curves, construction zones, water accumulation, snow accumulation, icy surfaces, collapses, potholes, temporary detours, missing manhole covers, and blurred markings, etc.

RCW will only respond to pedestrians that meet the conditions. The following targets will not be responded to, including but not limited to:

- Motor vehicles, laterally crossing motorcycles, electric bikes, bicycles.
- Animals, walls, traffic lights, thin poles, roadblocks (such as traffic cones), and other nonvehicle objects.

To perform this feature optimally, the system needs to recognize the outline and main features of the pedestrian's body as clearly and completely as possible, which means that the head, shoulders, arms, legs, upper and lower body of the pedestrian can be recognized by integrating them into standard human movements. The following situations may cause pedestrians not to be recognized

and prevent the RCW from operating as expected, which include but are not limited to:

- Pedestrians taller than 200 cm or shorter than 100 cm, especially children.
- Pedestrians bend or squat.
- Pedestrian is seated in a wheelchair.
- Pedestrian suddenly darts out.
- Pedestrians walking in dark places such as roads at night, in tunnels, etc.
- Pedestrians being too close to the sensor when they first appear in the sensor's field of view.
- Pedestrians in close proximity to each other.
- Contours of pedestrians unable to be clearly identified due to color and material of clothing, obstruction, environment, lighting, speed, etc.

RCW may malfunction if the target is not right in the back in some situations, including but not limited to:

- It will not respond to targets in the blind spots of the sensor, such as targets in blind spots at corners, and sides and rear of the vehicle.
- The target may be incorrectly selected or missed when the vehicle is approaching or navigating a curve.
- The target may be lost or the distance to the target may be misjudged when the vehicle is on a slope.
- Situations such as within a short amount of time after powering on, when the vehicle is in Park (P), when a seat belt is unfastened, etc.

The following actions may result in RCW not issuing an alert, including but not limited to:

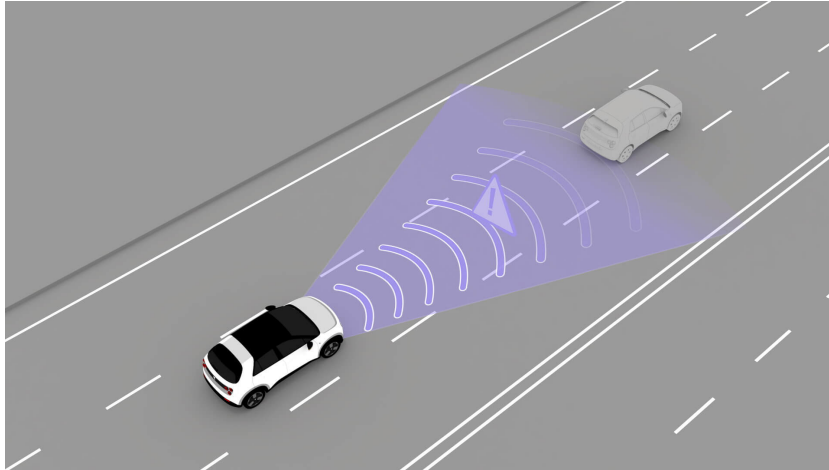
- When the driver is already applying the brakes, RCW may not issue an alert.
- When the driver presses the accelerator deeply or suddenly, RCW may not issue an alert.
- When the driver makes a sudden steering maneuver, RCW may not issue an alert.

The above warnings, precautions and restrictions do not exhaust all the situations that may affect the proper operation of RCW. There are many factors that may interfere with RCW. In order to prevent accidents from occurring, you need to drive

attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Autonomous Emergency Braking


If the system judges that a collision with a vehicle, pedestrian, or cyclist in front is inevitable, the forward autonomous emergency braking (F-AEB) will be triggered. The system will actively apply emergency braking to reduce or even avoid the risk of collision as much as possible.



Caution

- F-AEB has functional limitations. Its performance is subject to environmental, road and technical conditions, and it cannot guarantee timely response in all scenarios.
- The driver shall always keep active control, and never rely solely on this feature to avoid danger or carry out dangerous tests. In case of dangerous situations, intervene immediately and never wait for the system to be triggered.
- Always be attentive while driving. You always bear the ultimate responsibility for safe driving and comply with the current traffic laws and regulations.

Enabling/Disabling F-AEB

F-AEB is enabled by default. You can go to the settings interface from  on the control panel and tap **Driver assistance > Safety guardian > Autonomous emergency braking** to enable or disable this feature.

Operating conditions for F-AEB:

- The driver is seated.
- The vehicle travels at a speed of 4-150 km/h.
- The vehicle is in Drive (D).

- Components of the F-AEB system work properly.
- The vehicle is in the normal driving state in the lane, without sharp acceleration and deceleration, sharp turns, etc.

When F-AEB is triggered, the instrument cluster shows an image warning and the brake light turns on with a warning sound.

Caution

- When F-AEB is triggered, the system will actively apply emergency braking to try to reduce the driving speed, but cannot ensure that the vehicle will come to a complete stop.
- When F-AEB is turned off, the vehicle will not perform the brake even if a potential collision is detected. It is recommended that you do not deactivate this feature.
- F-AEB is not a substitute for maintaining a safe following distance from the vehicle ahead. Avoid following too closely or driving aggressively.
- F-AEB only turns off once, and will be automatically activated when the vehicle is powered on again.

Precautions and Restrictions

The following situations may lead to a recognition disorder of cameras, radars and sensors, preventing the normal operation of driver assistance features, which include but are not limited to:

- Poor visibility due to inclement weather (rain, snow, fog, haze, sand, etc.) or splashing water, snow or dust caused by vehicles.
- Sudden changes in ambient brightness, such as tunnel entrances or exits.
- Reduced recognition capability due to dim surroundings, such as at dawn, dusk, night, or in a tunnel or large areas of shadow, etc.
- Thin, sharp, and low stationary obstacles, such as chains, thin poles, curbs, pillars, road surface protrusions, or scattered metals, flower beds, shrubs, etc.
- Suspended obstacles, such as low-hanging electric wires, tree branches across the road, height restriction bars, unraised barriers, balloons, drones, etc.
- Items with special surfaces or structures, such as glass, foam, stainless steel roadblocks, thin wooden boards, wire mesh fences, hollow railings, tables and chairs, open doors, etc.

- Error of cameras, radars, sensors, etc. (such as blocked by objects or stained, installation position altered, exposed to bright light or reflective conditions, extremely high or low temperature, malfunction, etc.).
- Due to the limitations of radar detection, false alarms are likely in very rare and specific situations due to metal fences, green belts, concrete walls, traffic signs of expressway and elevated roads, high-speed anti-collision barrels.
- Complex or unfavorable road conditions, such as steep slopes, sharp turns, continuous curves, construction zones, water accumulation, snow accumulation, icy surfaces, collapses, potholes, temporary detours, missing manhole covers, and blurred markings, etc.

F-AEB will only respond to vehicles, pedestrians and cyclists that meet the conditions. The following targets will not be responded to, including but not limited to:

- Walls, animals, traffic lights, thin poles, roadblocks (such as traffic cones), etc.

The following situations may cause F-AEB not apply brakes or may stop applying brakes, which include but are not limited to:

- Driver presses the accelerator deeply or suddenly.
- Driver releases the brake pedal after pressing it deeply.
- Driver's seat belt is not fastened or driver makes a sudden steering maneuver.
- Driver door is not closed.
- No vehicles, pedestrians, and cyclists are detected in front of or behind your vehicle.
- Your driving speed does not meet the operating conditions.
- The feature cannot be triggered again shortly after being triggered.
- The system has a malfunction.

F-AEB has certain limitations in special vehicle recognition, night detection, stationary or low-speed vehicle detection, and special scenes. Special attention is needed when using it to ensure the effectiveness and safety of the feature.

- This feature cannot guarantee the recognition of special vehicles in all circumstances, especially during nighttime, when extra caution is required. For example, three-wheeled vehicles, vehicles with damaged taillights or indistinct rear contours, vehicles with obstructions at the rear, vehicles with irregular

shapes, vehicles with a rear vertical surface below a certain height, and unloaded commercial vehicles, among others.

- The feature may have false negatives for stationary or slow-moving vehicles, especially during nighttime, when extra caution is required.
- There is a possibility of false triggering of the feature in special scenarios where vehicles need to drive close to carrier trucks or recovery vehicles.

To perform this feature optimally, the system needs to recognize the outline and main features of the pedestrian's body as clearly and completely as possible, which means that the head, shoulders, arms, legs, upper and lower body of the pedestrian can be recognized by integrating them into standard human movements. The following situations may cause pedestrians not to be recognized and prevent the F-AEB from operating as expected, which include but are not limited to:

- Pedestrians taller than 200 cm or shorter than 100 cm, especially children.
- Pedestrians bend or squat.
- Pedestrian is seated in a wheelchair.
- Pedestrian suddenly darts out.
- Pedestrians walking in dark places such as roads at night, in tunnels, etc.
- Pedestrians being too close to the sensor when they first appear in the sensor's field of view.
- Pedestrians in close proximity to each other.
- Contours of pedestrians unable to be clearly identified due to color and material of clothing, obstruction, environment, lighting, speed, etc.

To perform this feature optimally, the system needs to recognize the outline and main features of the cyclist's body as clearly and completely as possible as well as the outline of the bicycle. The following situations may cause cyclists not to be recognized and prevent the F-AEB from operating as expected, which include but are not limited to:

- Contours of a person or a bicycle unable to be clearly identified due to environment, speed, distance, obstruction, etc.
- Cyclists riding self-balancing scooters, standing scooters, certain types of seated scooters, and special-shaped electric bicycles.
- Fallen cyclists.

Vehicle targets may cause F-AEB to malfunction in the following situations, which include but are not limited to:

- F-AEB will not respond to targets in blind spots of the sensor, such as those in blind spots at the corners, sides and rear of the vehicle.
- The target may be incorrectly selected or missed when the vehicle is approaching or navigating a curve.
- The target may be lost or the distance to the target may be misjudged when the vehicle is on a slope.
- When only part of the body of a vehicle in an adjacent lane cuts in front of your vehicle (especially when it's a larger vehicle such as a bus, truck, etc.), the target may not be recognized in time.
- When your vehicle abruptly cuts in behind a vehicle ahead, or another vehicle abruptly cuts into or out of the front of your vehicle, the target may not be recognized in time.
- When the vehicle ahead has a large angle relative to your vehicle, it may not be recognized in time.
- When only part of the body of the vehicle ahead overlaps with your vehicle, it may not be recognized in time.
- When the vehicle ahead suddenly stops in low-speed traffic congestion, it may not be recognized in a responsive manner.
- Situations such as within a short amount of time after powering on, when the vehicle is in Park (P), when a seat belt is unfastened, etc.

The following situations may affect the ability of F-AEB due to special or complex road conditions, including but not limited to:

- Tunnel entrances and exits.
- Uphill and downhill slopes, uneven roads, winding roads, sharp curves.
- Large numbers of pedestrians, bicycles, electric bicycles, or animals.
- Water, mud, potholes, snow, ice, cave-ins, speed bumps, or obstacles on the road.
- Complex and varied traffic conditions, such as busy intersections, expressway ramps, and congested roads.

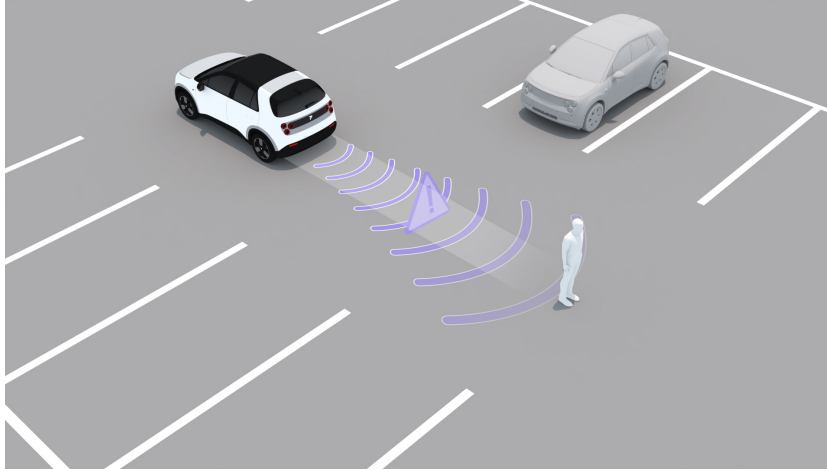
Caution

The braking distance is extended on slippery surfaces. If the anti-lock brake, traction control, and vehicle stability control systems are triggered, it may affect the ability of AEB to mitigate collisions.


The above warnings, precautions and restrictions do not exhaust all the situations that may affect the proper operation of F-AEB. There are many factors that may interfere with F-AEB. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Rear Autonomous Emergency Braking

If the system detects a collision risk with a pedestrian from behind during reversing, the rear autonomous emergency braking (R-AEB) can warn you through visual and auditory alerts and trigger vehicle braking.



Enabling/Disabling R-AEB

R-AEB is enabled by default. You can go to the settings interface from  on the control panel and tap **Driver assistance > Safety guardian > Rear autonomous emergency braking** to enable or disable this feature.

Operating conditions for R-AEB:

- The driver is seated.
- The vehicle is in Reverse (R).
- The vehicle travels at a speed of 4-15 km/h.
- The rear camera has a clear view.
- Components of the R-AEB system work properly.
- The vehicle is in the normal driving state in the lane, without sharp acceleration and deceleration, sharp turns, etc.

When R-AEB is triggered, the instrument cluster shows an image warning, the vehicle sounds an alert and triggers the vehicle braking.

Caution

- As a driving assist feature, R-AEB has limitations. It may become ineffective or untimely due to environmental factors or operational restrictions.
- Never intentionally drive towards pedestrians to test the feature.

- Disabling RCW will simultaneously disable R-AEB (The on/off status is memorized by the account). Once deactivated, the system will no longer apply the brakes. It is recommended to keep this feature enabled.
- When the driver presses the brake pedal to a certain degree, it may restrict the activation of R-AEB. Please pay attention to driving safety.
- Drivers must remain focused, bear ultimate responsibility for safety and comply with traffic regulations.

Precautions and Restrictions

The following situations may lead to a recognition disorder of cameras and sensors, preventing the normal operation of driver assistance features, which include but are not limited to:

- Poor visibility due to inclement weather (rain, snow, fog, haze, sand, etc.) or splashing water, snow or dust caused by vehicles.
- Sudden changes in ambient brightness, such as tunnel entrances or exits.
- Reduced recognition capability due to dim surroundings, such as at dawn, dusk, night, or in a tunnel or large areas of shadow, etc.
- Thin, sharp, and low stationary obstacles, such as chains, thin poles, curbs, pillars, road surface protrusions, or scattered metals, flower beds, shrubs, etc.
- Suspended obstacles, such as low-hanging electric wires, tree branches across the road, height restriction bars, unraised barriers, balloons, drones, etc.
- Items with special surfaces or structures, such as glass, foam, stainless steel roadblocks, thin wooden boards, wire mesh fences, hollow railings, tables and chairs, open doors, etc.
- Error of cameras, and sensors, etc. (such as blocked by objects or stained, installation position altered, exposed to bright light or reflective conditions, extremely high or low temperature, malfunction, etc.).
- Complex or unfavorable road conditions, such as steep slopes, sharp turns, continuous curves, construction zones, water accumulation, snow accumulation, icy surfaces, collapses, potholes, temporary detours, missing manhole covers, and blurred markings, etc.

R-AEB will only respond to pedestrians that meet the conditions. The following targets will not be responded to, including but not limited to:

- Motor vehicles, laterally crossing motorcycles, electric bikes, bicycles.

- Animals, walls, traffic lights, thin poles, roadblocks (such as traffic cones), and other nonvehicle objects.

To perform this feature optimally, the system needs to recognize the outline and main features of the pedestrian's body as clearly and completely as possible. The following situations may cause pedestrians not to be recognized and prevent the R-AEB from operating as expected, which include but are not limited to:

- Pedestrians taller than 200 cm or shorter than 100 cm, especially children.
- Pedestrians bend or squat.
- Pedestrian is seated in a wheelchair.
- Pedestrian suddenly darts out.
- Pedestrians walking in dark places such as roads at night, in tunnels, etc.
- Pedestrians being too close to the sensor when they first appear in the sensor's field of view.
- Pedestrians in close proximity to each other.
- Contours of pedestrians unable to be clearly identified due to color and material of clothing, obstruction, environment, lighting, speed, etc.

The following situations may cause R-AEB not apply brakes or may stop applying brakes, which include but are not limited to:

- Driver presses the accelerator deeply or suddenly.
- Driver releases the brake pedal after pressing it deeply.
- Driver's seat belt is not fastened or driver makes a sudden steering maneuver.
- Driver door is not closed.
- No pedestrians are detected behind your vehicle.
- Your driving speed does not meet the operating conditions.
- The feature cannot be triggered again shortly after being triggered.
- The system has a malfunction.

The above warnings, precautions and restrictions do not exhaust all the situations that may affect the proper operation of R-AEB. There are many factors that may interfere with R-AEB. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Rear Collision Warning

During driving, the vehicle will actively monitor the risk of collision from directly behind. When a vehicle is detected within the detection range approaching at a certain speed, and there is a risk of collision with your vehicle, alerts will be provided through the instrument cluster, warning sound, etc., and the rear alert light will be illuminated to alert the following vehicles.

Enabling/Disabling Rear Collision Warning

You can go to the settings interface from the bottom of the control panel, and tap **Driver assistance > Safety guardian > Rear collision warning** to enable or disable this feature. The status of this feature, enabled by default, follows the account memory; the warning type defaults to rear alert light, with an audible alert also available.

Conditions for normal activation of rear collision warning:

- The vehicle travels at a speed of 0-150 km/h.
- The following vehicle's speed is above 15 km/h, and its relative speed to your vehicle exceeds 15 km/h.
- The target object for the response is a vehicle.

When the feature is activated, the system will alert through the instrument cluster and warning sound, while illuminating the rear alert light to alert the following vehicles.

Warning

- The rear collision warning can neither respond to all traffic, weather, and road conditions, nor detect vehicles in all cases. It may become ineffective, inappropriate or untimely due to a number of factors. When danger is found, do not wait for the rear collision warning to trigger before taking action.
- You must always pay attention to the traffic conditions and road environment. Do not rely solely on the rear collision warning. Otherwise, injuries or vehicle damage may occur.
- For safety reasons, do not intentionally test the rear collision warning feature.
- The feature operates based on the vehicle's actual driving speed.
- Always be attentive while driving. You always bear the ultimate responsibility for safe driving and comply with the current traffic laws and regulations.

Precautions and Restrictions

The rear collision warning will only respond to the vehicles behind that meet the conditions. The following targets will not be responded to, including but not limited to:

- Pedestrians.
- Two-wheeled vehicles, including bicycles, electric scooters, motorcycles, etc.
- Tricycles.

The following conditions may affect the protection performance of the rear collision warning:

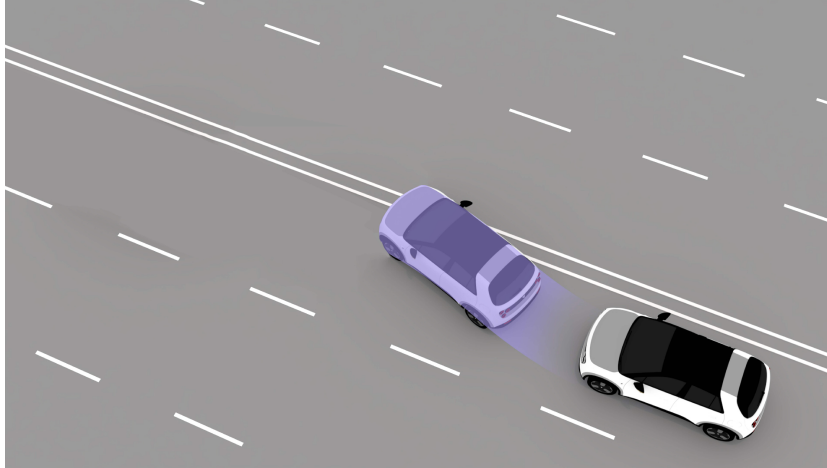
- Insufficient tire grip (e.g., tire wear, abnormal tire pressure, etc.)
- Low-adhesion road surfaces (e.g., icy or snowy roads, wet or slippery roads, oily roads, etc.)
- Excessive speed or mass of the following vehicle
- System component failure
- Interference from environmental factors (e.g., heavy rain, snowstorm, dense fog, etc.)

The following situations may lead to a recognition disorder of cameras, radars and sensors, preventing the normal operation of driver assistance features, which include but are not limited to:

- Poor visibility due to inclement weather (rain, snow, fog, haze, sand, etc.) or splashing water, snow or dust caused by vehicles.
- Sudden changes in ambient brightness, such as tunnel entrances or exits.
- Reduced recognition capability due to dim surroundings, such as at dawn, dusk, night, or in a tunnel or large areas of shadow, etc.
- Error of cameras, radars, sensors, etc. (such as blocked by objects or stained, installation position altered, exposed to bright light or reflective conditions, extremely high or low temperature, malfunction, etc.).
- Complex or unfavorable road conditions, such as steep slopes, sharp turns, continuous curves, construction zones, water accumulation, snow accumulation, icy surfaces, collapses, potholes, temporary detours, missing manhole covers, blurred markings, presence of width-restricting piers, etc.

Lane Departure Warning


When the driver is driving towards or drifting into an adjacent lane, the lane departure warning (LDW) feature will alert the driver through images, sounds, or steering wheel vibrations.



Warning

- LDW may not detect road edges, so it is important to drive with caution and always stay within the lane.
- Take over the vehicle immediately in scenarios such as bends and turns, etc.
- LDW has functional limitations. Its performance is subject to environmental, road and technical conditions, and it cannot guarantee timely response in all scenarios.
- Always be attentive while driving. You always bear the ultimate responsibility for safe driving and shall comply with the current traffic regulations.

Enabling/Disabling Lane Control Assist

The lane departure warning (LDW) feature is enabled by default. You can go to the settings interface from  on the control panel and tap **Driver assistance > Safety guardian > Lane departure warning** to set the feature.

When enabled, you can set the warning type and sensitivity:

- **Warning type:** It can be configured to Visual + Audio, Visual + Vibration, or Visual + Audio + Vibration.
- **Sensitivity:** It can be configured to High, Normal and Low.

Operating conditions for LDW:

- Your vehicle speed is about 65-150 km/h.
- Your vehicle drives normally without sharp acceleration and deceleration, sharp turns, etc.
- Your vehicle is in the center of its lane and does not drive on the lane markings.
- The lane markings on at least one side are clear.
- The cameras are operating normally and provide clear vision.
- No components of the LDW system are faulty.
- Your vehicle meets all safety conditions, such as:
 - The driver is seated.
 - The driver has fastened their seat belt.
 - All doors are closed.
 - Your vehicle is in Drive (D).
 - The anti-lock brake, traction control, and electronic stability control systems are not triggered.

Caution

- Set your warning type and sensitivity carefully to ensure they align with your driving habits.
- Enabling LDW on the control panel does not mean that the feature is activated. Its functionality will only be automatically activated when the working conditions are met.
- When LDW is disabled, there will be no warning for lane departures.
- LDW will not provide alerts when the turn signal is activated and the vehicle deviates to the corresponding side.

Precautions and Restrictions

Some situations may cause the LDW feature to malfunction or automatically exit. They include but are not limited to:

- Road sections with excessively curved bends, with unclear lane markings, without lane markings, with special lane markings, with too wide or too narrow lane markings, and uphill or downhill slopes.
- There are edges or other high-contrast lines on the road instead of lane markings, such as road joints or curbs.

- Lane markings cannot be recognized or are not recognized correctly due to light, such as reflection of lane markings caused by strong light, poor visibility or insufficient light caused by bad weather and/or at night.

The following situations may lead to a recognition disorder of cameras and sensors, preventing the normal operation of driver assistance features, which include but are not limited to:

- Poor visibility due to inclement weather (rain, snow, fog, haze, sand, etc.) or splashing water, snow or dust caused by vehicles.
- Sudden changes in ambient brightness, such as tunnel entrances or exits.
- Reduced recognition capability due to dim surroundings, such as at dawn, dusk, night, or in a tunnel or large areas of shadow, etc.
- Thin, sharp, and low stationary obstacles, such as chains, thin poles, curbs, pillars, road surface protrusions, or scattered metals, flower beds, shrubs, etc.
- Suspended obstacles, such as low-hanging electric wires, tree branches across the road, height restriction bars, unraised barriers, balloons, drones, etc.
- Items with special surfaces or structures, such as glass, foam, stainless steel roadblocks, thin wooden boards, wire mesh fences, hollow railings, tables and chairs, open doors, etc.
- Error of cameras, radars, sensors, etc. (such as blocked by objects or stained, installation position altered, exposed to bright light or reflective conditions, extremely high or low temperature, malfunction, etc.).
- Due to the limitations of radar detection, false alarms are likely in very rare and specific situations due to metal fences, green belts, concrete walls, traffic signs of expressway and elevated roads, high-speed anti-collision barrels.
- Complex or unfavorable road conditions, such as steep slopes, sharp turns, continuous curves, construction zones, water accumulation, snow accumulation, icy surfaces, collapses, potholes, temporary detours, missing manhole covers, and blurred markings, etc.

It is not recommended to use LDW in special or complex road conditions, as that may prevent LDW from operating as expected or cause it to automatically exit, which include but are not limited to:

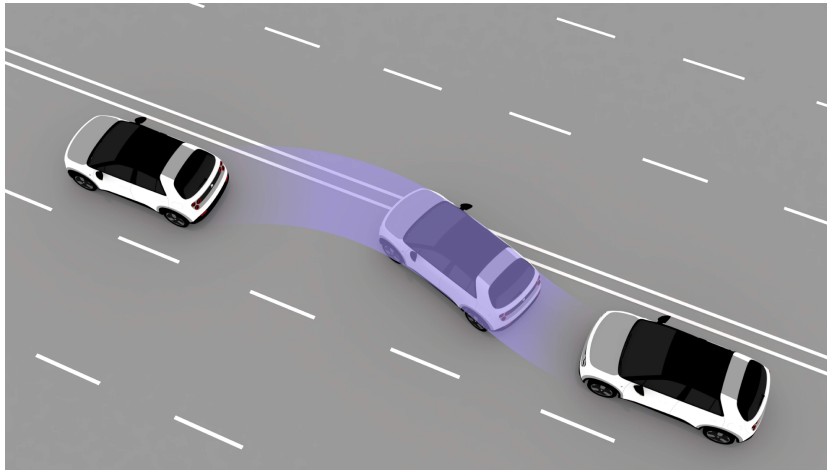
- Tunnel entrances and exits.
- Narrow roads, uphill and downhill slopes, bumpy roads, winding roads, sharp-curved roads, roads without central dividers.

- Large numbers of pedestrians, bicycles, electric bicycles, or animals.
- Water, mud, potholes, snow, ice, cave-ins, speed bumps, or obstacles on the road.
- Complex and varied traffic conditions, such as busy intersections, expressway ramps, and congested roads.

The above warnings, precautions and restrictions do not exhaust all the situations that may affect the proper operation of LDW. There are many factors that may interfere with LDW. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Lane Keep Assist


When the driver is driving towards or drifting into an adjacent lane, the lane keep assist (LKA) feature will alert the driver through visual and auditory alerts, and will temporarily assist the driver in controlling the steering wheel with slight steering force to steer the vehicle back into the original lane.



Warning

- LKA provides only a slight corrective steering support, but does not have speed control capacity, and does not completely prevent the vehicle from drifting out of its lane, especially in bends or sharp turns.
- The system is subject to traffic, weather and road conditions, and the driver must always maintain control of the vehicle, assess road safety in real time and be prepared to take over at any time.
- The driver is always the primary person responsible for safe driving. During use, the driver shall remain focused, strictly comply with traffic regulations, and shall not overly rely on assistance systems.

Enabling/Disabling LKA

LKA is enabled by default. You can go to the settings interface from  on the control panel and tap **Driver assistance > Safety guardian > Lane keep assist** to set the feature.

When enabled, you can set the warning type and sensitivity:

- **Warning type:** It can be configured to Visual + Audio, Visual + Vibration, or Visual + Audio + Vibration.
- **Sensitivity:** It can be configured to High, Normal and Low.

Operating conditions for LKA:

- Your vehicle speed is about 65-130 km/h.
- Your vehicle drives normally without sharp acceleration and deceleration, sharp turns, etc.
- Your vehicle is in the center of its lane and does not drive on the lane markings.
- The lane markings on at least one side are clear.
- The cameras are operating normally and provide clear vision.
- No components of the LKA feature are faulty.
- Your vehicle meets all safety conditions, such as:
 - The driver is seated.
 - The driver has fastened their seat belt.
 - All doors are closed.
 - Your vehicle is in Drive (D).
 - The anti-lock brake, traction control, and electronic stability control systems are not triggered.

Caution

LKA will not respond when the turn signal is activated and the vehicle deviates to the corresponding side.

Precautions and Restrictions

Some situations may cause the LKA feature to malfunction or automatically exit. They include but are not limited to:

- Road sections with excessively curved bends, with unclear lane markings, without lane markings, with special lane markings, with too wide or too narrow lane markings, and uphill or downhill slopes.
- There are edges or other high-contrast lines on the road instead of lane markings, such as road joints or curbs.
- Lane markings cannot be recognized or are not recognized correctly due to light, such as reflection of lane markings caused by strong light, poor visibility or insufficient light caused by bad weather and/or at night.

The following situations may lead to a recognition disorder of cameras and sensors, preventing the normal operation of driver assistance features, which include but are not limited to:

- Poor visibility due to inclement weather (rain, snow, fog, haze, sand, etc.) or splashing water, snow or dust caused by vehicles.
- Sudden changes in ambient brightness, such as tunnel entrances or exits.
- Reduced recognition capability due to dim surroundings, such as at dawn, dusk, night, or in a tunnel or large areas of shadow, etc.
- Thin, sharp, and low stationary obstacles, such as chains, thin poles, curbs, pillars, road surface protrusions, or scattered metals, flower beds, shrubs, etc.
- Suspended obstacles, such as low-hanging electric wires, tree branches across the road, height restriction bars, unraised barriers, balloons, drones, etc.
- Items with special surfaces or structures, such as glass, foam, stainless steel roadblocks, thin wooden boards, wire mesh fences, hollow railings, tables and chairs, open doors, etc.
- Error of cameras, radars, sensors, etc. (such as blocked by objects or stained, installation position altered, exposed to bright light or reflective conditions, extremely high or low temperature, malfunction, etc.).
- Due to the limitations of radar detection, false alarms are likely in very rare and specific situations due to metal fences, green belts, concrete walls, traffic signs of expressway and elevated roads, high-speed anti-collision barrels.
- Complex or unfavorable road conditions, such as steep slopes, sharp turns, continuous curves, construction zones, water accumulation, snow accumulation, icy surfaces, collapses, potholes, temporary detours, missing manhole covers, and blurred markings, etc.

It is not recommended to use LKA in special or complex road conditions, as that may prevent LKA from operating as expected or cause it to automatically exit, which include but are not limited to:

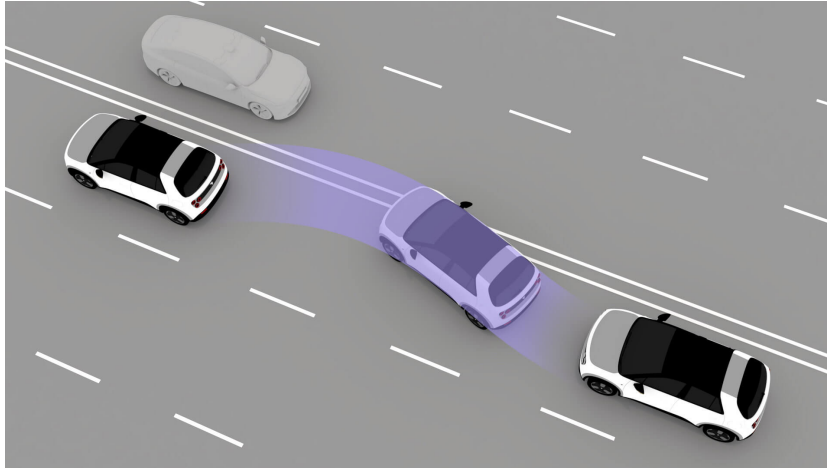
- Tunnel entrances and exits.
- Narrow roads, uphill and downhill slopes, bumpy roads, winding roads, sharp-curved roads, roads without central dividers.
- Large numbers of pedestrians, bicycles, electric bicycles, or animals.
- Water, mud, potholes, snow, ice, cave-ins, speed bumps, or obstacles on the road.

- Complex and varied traffic conditions, such as busy intersections, expressway ramps, and congested roads.

The above warnings, precautions and restrictions do not exhaust all the situations that may affect the proper operation of LKA. There are many factors that may interfere with LKA. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Emergency Lane Keep assist


The emergency lane keep assist (ELK) can provide certain steering assist to help the driver correct the direction of the vehicle to minimize the risk of collision when the vehicle deviates from this lane involuntarily or there is a potential risk of side collision in adjacent lanes.



Caution

- The ELK feature only provides limited steering assistance and cannot entirely prevent the vehicle from drifting out of its lane or avoiding dangers. ELK may be ineffective or delayed due to road conditions, weather, etc.
- Take over steering and intervene immediately in case of turns, turn-arounds, complex road conditions or dangers, and do not test system features intentionally.
- The driver must remain attentive at all times, always take ultimate responsibility for driving safely, strictly comply with traffic regulations and never rely solely on driver assistance systems.

Enabling/Disabling ELK

ELK is enabled by default. You can go to the settings interface from  on the control panel and tap **Driver assistance > Safety guardian > Emergency lane keep assist** to enable or disable this feature. After disabling it, it will be enabled automatically the next time the vehicle starts.

It is not recommended to disable this feature. When disabled, it will not assist driver in emergency steering control in event of a potential side collision.

When the vehicle speed is between 50 and 130 km/h, ELK may be triggered in the following two emergency scenarios:

- When your turn signal light is off and there is an oncoming vehicle in your left lane, your vehicle deviates involuntarily from its lane to the left.
- When there is a vehicle approaching rapidly from behind in your left lane, your vehicle deviates from its lane involuntarily or actively switches to the left lane.

When the vehicle speed is between 65 and 130 km/h, ELK may be triggered in the following two emergency scenarios:

- When your turn signal light is off, your vehicle deviates involuntarily from its lane to the right road curb.
- When your turn signal light is off and the lane marking is a solid line, your vehicle deviates involuntarily from its lane to the side where the solid line is.

Operating conditions for ELK:

- Your vehicle drives normally without sharp acceleration and deceleration, sudden steering, etc.
- Your vehicle is in the center of its lane and does not drive on the lane markings.
- The vehicle speed is between 50 and 130 km/h.
- The high-definition camera works normally and provides clear vision.
- No components of the ELK system are faulty.
- Your vehicle meets all safety conditions, such as:
 - The driver is seated.
 - Your vehicle is in Drive (D).
 - The vehicle doors, hood and liftgate are closed.
 - The anti-lock brake, traction control, and vehicle stability control systems are not triggered.

Caution

- ELK can be activated automatically in emergency situations when certain requirements are met.
- ELK provides limited steering assistance but does not control the vehicle's speed.

- The steering wheel turns when ELK is controlling the steering.
- You can take over the vehicle by manually turning the steering wheel. In this case, the steering of the vehicle will be under your control.

Precautions and Restrictions

The following situations may lead to a recognition disorder of cameras and sensors, preventing the normal operation of driver assistance features, which include but are not limited to:

- Poor visibility due to inclement weather (rain, snow, fog, haze, sand, etc.) or splashing water, snow or dust caused by vehicles.
- Sudden changes in ambient brightness, such as tunnel entrances or exits.
- Reduced recognition capability due to dim surroundings, such as at dawn, dusk, night, or in a tunnel or large areas of shadow, etc.
- Thin, sharp, and low stationary obstacles, such as chains, thin poles, curbs, pillars, road surface protrusions, or scattered metals, flower beds, shrubs, etc.
- Suspended obstacles, such as low-hanging electric wires, tree branches across the road, height restriction bars, unraised barriers, balloons, drones, etc.
- Items with special surfaces or structures, such as glass, foam, stainless steel roadblocks, thin wooden boards, wire mesh fences, hollow railings, tables and chairs, open doors, etc.
- Error of cameras, radars, sensors, etc. (such as blocked by objects or stained, installation position altered, exposed to bright light or reflective conditions, extremely high or low temperature, malfunction, etc.).
- Due to the limitations of radar detection, false alarms are likely in very rare and specific situations due to metal fences, green belts, concrete walls, traffic signs of expressway and elevated roads, high-speed anti-collision barrels.
- Complex or unfavorable road conditions, such as steep slopes, sharp turns, continuous curves, construction zones, water accumulation, snow accumulation, icy surfaces, collapses, potholes, temporary detours, missing manhole covers, and blurred markings, etc.

Special or complex road conditions may cause the ELK system to malfunction or exit automatically, in which case please steer your vehicle in a timely manner.

These situations include but are not limited to:

- Construction areas.
- Tunnel entrances and exits.

- Narrow roads, uphill and downhill slopes, bumpy roads, winding roads, sharp-curved roads.
- Large numbers of pedestrians, bicycles, electric bicycles, or animals.
- Water, mud, potholes, snow, ice, cave-ins, speed bumps, or obstacles on the road.
- Complex and varied traffic conditions, such as busy intersections, expressway ramps, and congested roads.

The above warnings, precautions and restrictions do not exhaust all the situations that may affect the proper operation of ELK. There are many factors that may interfere with ELK. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Emergency Active Stop

When the system detects that you are not in a normal driving state (e.g., hands-off steering wheel, prolonged distraction or drowsiness, or driver absence), the emergency active stop (EAS) feature will activate, provided all system operating conditions are met.

EAS does not need to be enabled. After the system is activated, it will continue to brake until the vehicle stops. This will be accompanied by a sound reminder, and the instrument cluster will also display a warning message and turn on the hazard warning lights. After the vehicle stops, the doors will be unlocked automatically.

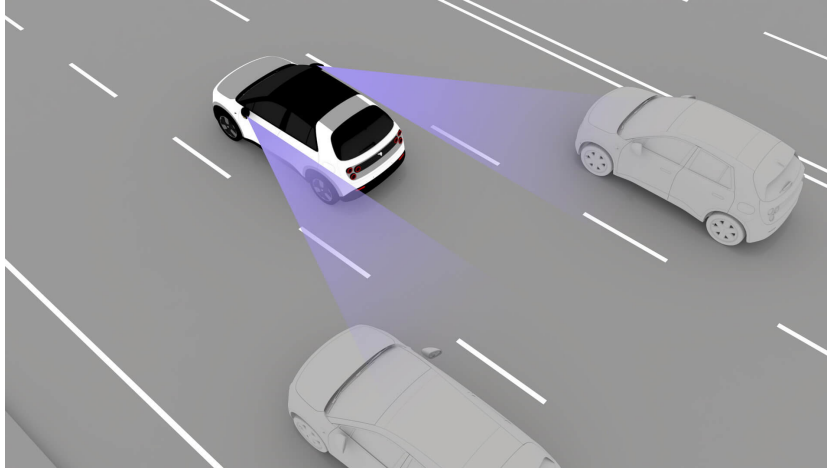
When EAS is active, you can deactivate it and take over your car at any time by stepping on the accelerator or brake pedal, turning the steering wheel, or turning off the hazard warning lights.

Warning

- Activation of EAS will result in braking to a stop. During this process, it may not be possible to avoid lane departure or collision. Do not rely on this feature or attempt to activate it intentionally.
- Activating the feature for braking to a stop may violate the provisions of local relevant road and traffic safety laws and regulations on temporary parking.
- Always be attentive while driving. You always bear the ultimate responsibility for safe driving and shall abide by the current traffic laws and regulations.

Blind Spot Detection and Lane Change Alert


When other vehicles are in your blind spot or approaching quickly, the blind spot detection (BSD) and lane change alert (LCA) will alert you to lane change safety via the side mirror marker lights, audible warnings, or steering wheel vibrations.



Caution

The BSD and LCA systems monitor adjacent lanes and an area extending approximately 70 m rearward.

Enabling/Disabling BSD and LCA

The BSD and LCA feature is enabled by default. You can go to the settings interface from  on the control panel, and tap **Driver assistance > Safety guardian > Blind spot detection and lane change alert** to enable or disable this feature, and set a suitable warning type.

Warning type: You can set side mirror marker light, sound or vibration.

BSD and LCA will only be activated when the speed of your vehicle exceeds 15 km/h.

When other vehicles are in your blind spot or approaching quickly, the side mirror marker light will illuminate. If you activate the turn signal for that side in this case, it will remind you not to change lanes based on your selected warning type.

When the feature is enabled and activated, the instrument cluster will show a warning when a vehicle is approaching from behind.

Caution

- When ambient noise is loud, such as when the in-car sound system is too loud or it is too noisy outside the vehicle, the alarm sound may be inaudible.
- When reversing, BSD and LCA will not work.
- ESD on the instrument cluster is only for illustrative purposes and cannot fully reflect the actual traffic conditions. Therefore, do not rely solely on what is displayed on the instrument cluster.
- BSD and LCA may not be able to alert you to vehicles in adjacent lanes when the vehicle is driving on a road with large curves, wide lanes, or uneven surfaces.

Caution

BSD and LCA may provide false alarms in the following situations:

- Driving close to fences.
- Driving on a bridge, under a bridge or in a tunnel.
- Driving next to shrubs, trees, etc.
- There are electric poles, street lights or low concrete walls along the road.
- Driving near building areas such as factories, ports, etc.
- Driving on urban roads or turning at multi-lane intersections.

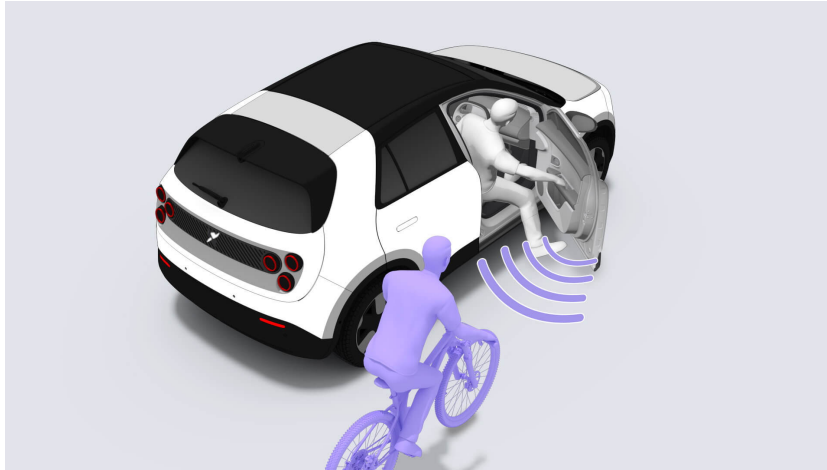
Caution

- Please keep the area of and around the camera clean. Its performance may be affected and it may not alarm normally, if it is covered with dirt, ice, snow, metal plates, tape, labels, leaves, etc.
- The system does not warn of stationary objects, and false alarms may be triggered for some metal fences, green belts, concrete walls, etc.
- False alarms or no alarms are likely under extreme weather such as heavy rain, snow, and fog. Please pay attention when opening doors.


The above warnings, precautions and restrictions do not exhaust all the situations that may affect the proper operation of BSD and LCA. There are many factors that may interfere with BSD and LCA. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Side Door Opening Alert

When you are about to open the door of your vehicle, if vehicles, cyclists, or pedestrians approaching from behind may pose a risk when opening the door or even lead to a collision, the side door opening alert will alert you to door opening safety with auditory warnings.



Enabling/Disabling Side Door Opening Alert

The side door opening alert feature is enabled by default. You can go to the settings interface from  on the control panel, and tap **Driver assistance > Safety guardian > Side door opening alert** to enable or disable this feature.

When the side door opening alert feature is enabled, your vehicle will remind you in the following ways whether it is safe to open the doors:

- Warning alarm.
- Instrument cluster suggests attention to the left/right blind zone.
- Red flashing at the edge of the instrument cluster.

Caution

- Side door opening alert can detect a variety of moving objects fast approaching from behind, such as cars, motorcycles, scooters, bicycles, pedestrians, etc.
- The moving targets move toward the vehicle at a speed of no lower than 5 km/h.
- The vehicle must be stationary or at a forward speed of 0-5 km/h.

- When ambient noise is loud, such as when the in-car sound system is too loud or it is too noisy outside the vehicle, the alarm sound may be inaudible.

Warning

Side door opening alert cannot accurately alert you in all situations and cannot replace active observation by you and passengers, as well as the function of the rearview mirror and side mirrors. Please do not rely solely on this feature and always be aware of the environment outside the vehicle when opening doors.

Caution

- Please keep the area of and around the camera clean. Its performance may be affected and it may not alarm normally, if it is covered with dirt, ice, snow, metal plates, tape, labels, leaves, etc.
- The system does not warn of stationary objects, and false alarms may be triggered for some metal fences, green belts, concrete walls, etc.
- False alarms or no alarms are likely under extreme weather such as heavy rain, snow, and fog. Please pay attention when opening doors.

The above warnings and precautions do not exhaust all the situations that may affect the proper operation of the side door opening alert. There are many factors that may interfere with the side door opening alert. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

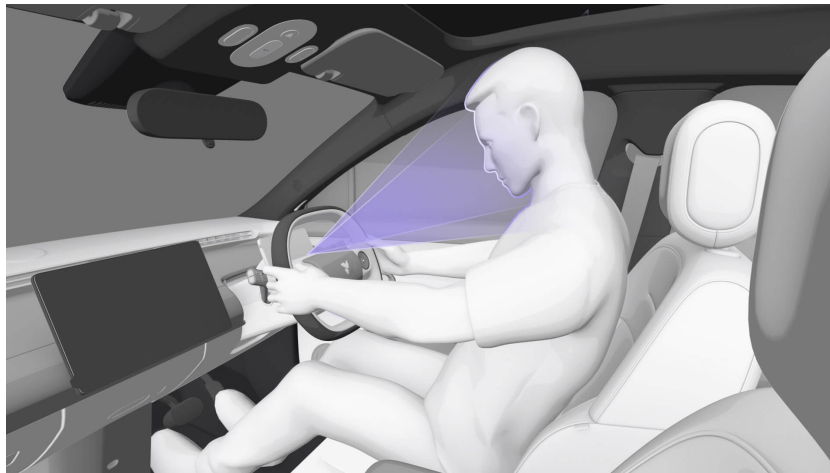
Advanced Driver Monitoring System

The advanced driver monitoring system (ADMS) monitors the driver's condition while the vehicle is in motion, detecting signs of distraction, drowsiness, and awareness of surrounding hazards. It alerts the driver to maintain safety through audible alerts, voice prompts, or visual notifications on the instrument cluster display.

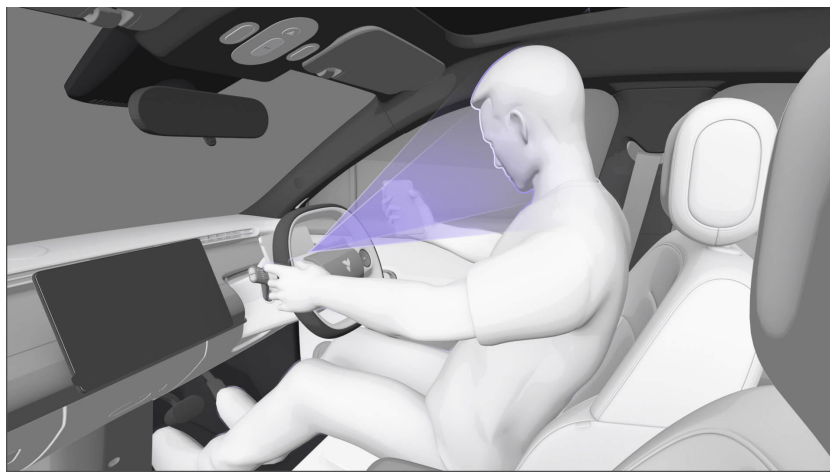
Drowsiness Warning and Distraction Warning

The ADMS monitors the driver's drowsiness and distraction state.


- Drowsiness Warning



- Distraction Warning





Enabling/Disabling Drowsiness and Distraction Warning

The feature is disabled by default. You can go to the settings interface from  on the control panel, and tap **Driver assistance > Safety guardian > Drowsiness warning/Distraction warning** to enable or disable the relevant feature.


When the feature is enabled and the vehicle speed is 20 km/h or higher, the system actively monitors the driver. If signs of drowsiness or distraction are detected, your vehicle will issue alerts using facial expressions and sound notifications, based on the severity level. Simultaneously, the instrument cluster will display reminders to help the driver stay focused.


Instrument Cluster Display

When the drowsiness warning or distraction warning feature is triggered, the instrument cluster will provide different levels of alarms:

Level 1 alarm	Level 2 alarm
	

Precautions and Restrictions

When the camera in the vehicle is obstructed, the instrument cluster displays , indicating that the feature is restricted, please remove the camera obstruction or contact the firefly service in a timely manner.

When the system fails, the instrument cluster displays , indicating that the feature is restricted. Please contact the firefly service in a timely manner.

Caution

The camera does not capture or distribute photos, audio or videos.

In some cases, detection of driver drowsiness and distraction may be affected or fail, resulting in the system not providing corresponding warnings or issuing false alarms. Such situations include:

- At night and in low light.
- Sunlight, opposite headlights and other direct light interference.
- Adjust the seat.
- Adjust or turn the steering wheel.

- When the driver's eyes are covered, including but not limited to wearing various types of dark glasses with low transmittance, polarizers, sunglasses, and blockage by eyeglass frames.
- Wearing accessories such as hats, scarves and bandanas that may alter the shape of the head.
- Wearing a mask.

The above warnings, precautions, and restrictions do not exhaust all the situations that may affect the proper operation of ADMS. There are many factors that may interfere with ADMS. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Camera View


The camera view feature utilizes vehicle cameras to capture images of the surrounding environment, providing better vision for the driver in complex environments such as parking, reversing, and driving in narrow lanes, thereby improving driving safety.

While driving at a low speed, if an obstacle is detected, you are alerted by a warning color and sound based on the distance to the obstacle.

Alarm level	Distance	Frequency of warning sound	Warning color
Level 1 alarm	90-150 cm	None	Green line
Level 2 alarm	20-90 cm	Low-frequency beeps	Yellow
Level 3 alarm	Less than 20 cm	High-frequency beeps	Red

Enabling Camera View

You can enable the camera view feature in the following ways:

- Camera view feature will automatically be turned on when the vehicle is in Reverse (R).
- Tap  from the bottom of the control panel to go to the application center panel, open **Camera view**, and then enable the camera view feature.

You can tap the **Sound** icon in the camera interface and select to turn off the alerts.

Caution

When the vehicle's camera view exhibits any of the following malfunctions, do not rely on this feature for parking to avoid vehicle damage. Please contact the firefly service.

- The camera view screen is blurry, laggy, shows misaligned guide lines, or goes black.
- A camera malfunction prompt pops up on the screen.

- The camera or sensor is damaged, misaligned, or obstructed (by mud, ice, snow, vehicle covering, etc.).

Caution

Due to the characteristics of ultrasonic sensors, they may produce false alarms in certain situations. These false alarms will end on their own as road conditions change and will not affect driving. Such situations include but are not limited to:

- Rough asphalt, concrete, cobblestone roads, waterlogged roads, and other uneven surfaces.
- Induction loops and similar devices buried under roads.
- Interference caused by large vehicles, construction machinery, and other equipment nearby.

Warning

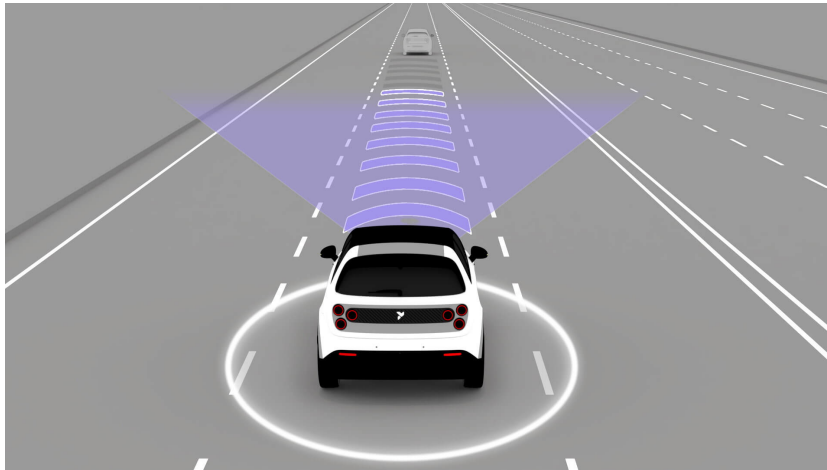
The ultrasonic sensors may have limitations in detecting obstacles with low heights, obstacles coming from above or the sides of the vehicle, narrow objects, and other items, including but not limited to the following. It is crucial for you to always pay attention to the surrounding environment. Failure to do so may result in property damage or personal injury:

- Pedestrians, children, animals.
- Unlocked ground locks, low stone pillars, cylindrical objects, thin poles, sharp objects, and uneven ground surfaces.
- Height-restricted gates, poles, or overhead structures.
- Obstacles on the sides of the vehicle that may cause collisions or scratches.
- Bicycles, wall corners, edges of parking lot barriers, etc.

Adaptive Cruise Control

The adaptive cruise control (ACC) feature assists the driver in maintaining and adjusting the vehicle's speed in response to the speed of the lead vehicle.

- If there is no detected target ahead, the vehicle will maintain the set speed.
- When a target is detected ahead, the vehicle will automatically adjust the speed to maintain the user-set following distance.



Warning

- ACC, as a driver assist feature, cannot address all traffic, weather, and road situations. To protect your safety, you must always pay attention to the traffic and road conditions and decide by yourself whether to activate ACC.
- ACC is a comfort feature and is not intended for collision avoidance, so it has a limited maximum deceleration that is less than the maximum deceleration that can be requested during AEB and manual driving. Therefore, do not rely solely on ACC to slow down the vehicle sufficiently to avoid collisions.
- When utilizing ACC, you should always be ready to take over the vehicle if you discover that the road, the traffic, the state of the vehicle, or any other risky factors make it unsafe for you to utilize this feature.
- ACC may not be able to bring your vehicle to a complete stop or maintain a safe distance, when there is a significant speed difference between your vehicle and the lead vehicle, especially if the lead vehicle is suddenly stops or slows down. In this case, it is important to immediately brake manually. Do not rely on ACC to bring your vehicle to a full stop when following a stationary vehicle or a lead vehicle.

- Always be attentive while driving. You always bear the ultimate responsibility for safe driving and comply with the current traffic laws and regulations.

Caution

- ACC only controls longitudinal speed and distance, not the lateral steering of the vehicle.
- ACC includes the GO notifier feature, which allows your vehicle to follow the lead vehicle till it stops (after meeting certain deceleration conditions).
- If the lead vehicle drives away in a short amount of time, your vehicle can automatically start and follow. If the lead vehicle remains stationary for a period of time, your vehicle will enter the parking state.
- ACC is mainly applicable to long-distance driving on dry and smooth standardized straight roads, such as highways, expressways, long straight roads, etc.

Enabling ACC

You can go to the settings interface from  on the control panel, tap **Driver assistance >Easy driving**, and select **Adaptive cruise control**.

You can control the driver assistance features with the left steering wheel buttons:



- **Middle button:** activate or deactivate ACC.
- **Up button:** increase or resume the cruise speed.
- **Down button:** decrease the cruise speed.
- **Left button:** decrease the following distance.
- **Right button:** increase the following distance.

Enabling **ACC** in settings does not mean the feature is activated; the system will only activate when the operating conditions are met:

- Functional components work properly, and vision is clear.
- The steering wheel's steering angle must not be too large.
-
- The vehicle is not in special modes, such as ECO+ mode, etc.
- Your vehicle meets all safety conditions, such as:
 - The driver is seated.
 - The driver has fastened their seat belt.
 - The driver's hands are on the steering wheel.
 - The driver does not step on the brake pedal.
 - Doors, hood and liftgate are closed.
 - Your vehicle is in Drive (D).
 - FCW and AEB are not triggered.
 - The anti-lock brake, traction control, and vehicle stability control systems are not triggered.

When the operating conditions for ACC are met, press the steering wheel left middle button  to activate ACC.

- If the vehicle speed is lower than 30 km/h, 30 km/h will be set as the cruise speed.
- If the vehicle speed is higher than 30 km/h, the current speed will be set as the cruise speed.

When ACC is activated, you can release the accelerator to maintain the set cruise speed.

- If there is a lead vehicle, ACC will automatically adjust the speed of your vehicle according to the speed and distance of the lead vehicle without exceeding the cruise speed.
- If there is no vehicle ahead, ACC will quickly adjust the speed of your vehicle to the cruise speed.

When driving with ACC, you can depress the accelerator at any time to take over your vehicle in a short amount of time. At this time, ACC will no longer respond


to any target lead vehicle, and your vehicle will be completely under your control. When you release the accelerator, your vehicle will resume following the lead vehicle.

When ACC actively accelerates your vehicle, the accelerator will not move. When ACC decelerates your vehicle, the brake pedal may move.

Caution

When this feature is enabled and the system detects that you are not in a normal driving state (e.g., hands-off steering wheel, prolonged distraction or drowsiness, or driver absence), the emergency active stop (EAS) feature will activate, provided all system operating conditions are met.

Adjusting ACC Speed

When ACC is activated, you can go to the setting interface from  on the control panel, and tap **Driver assistance > Easy driving > Cruise speed adjustment** to select the appropriate speed adjustment mode.

The available options are:

- **Short press ± 1 , Long press ± 5**
 - Short press the up or down button on the left side of the steering wheel to increase/decrease the cruise speed by 1 km/h.
 - Long press the up or down button on the left side of the steering wheel to increase/decrease the cruise speed to the closest 5 km/h increment. For example, if the speed is 80 km/h, long press the up button on the left side of the steering wheel, and the speed will increase to 85 km/h.
- **Short press ± 5 , Long press ± 1**
 - Long press the up or down button on the left side of the steering wheel to increase/decrease the cruise speed by 1 km/h.
 - Short press the up or down button on the left side of the steering wheel to increase/decrease the cruise speed to the closest 5 km/h increment. For example, if the speed is 80 km/h, short press the up button on the left side of the steering wheel, and the speed will increase to 85 km/h.

The minimum set speed for ACC is 30 km/h, but it allows the vehicle to decelerate to 0 km/h when following the vehicle ahead.

Cruise Speed Personalization

According to the speed limit information of current road regulations, the cruise speed can be customized:

- By value: It can be adjusted within the range of "-15 km/h" to "15 km/h" relative to the legal speed limit. For example: Setting "+5 km/h" will enable the ACC feature on roads with a speed limit of 120 km/h, setting the cruise speed to 125 km/h by default.
- By percentage: It can be adjusted within the range of "-15%" to "15%" relative to the legal speed limit. For example: Setting "+5%" will enable the ACC feature on roads with a speed limit of 120 km/h, setting the cruise speed to 126 km/h by default.

Warning

- ACC does not always set the accurate speed limit according to the road conditions, causing the vehicle to unexpectedly accelerate or decelerate. Please always pay attention to road conditions and, if necessary, manually adjust the set cruise speed or directly take over the vehicle.
- Excessive cruise speed (including with manual adjustment and the system's autonomous adjustment) may pose risks of safety and rule violations.

Adjusting Following Time and Distance under ACC

When ACC is active or in standby, the following time and distance can be adjusted in 5 levels.

- Short press the right button on the left side of the steering wheel to set the following time and distance farther by one level.
- Short press the left button on the left side of the steering wheel to set the following time and distance closer by one level.

Warning

- When the set following time and distance to the lead vehicle is relatively short, the driving behavior of ACC is intense and may cause discomfort.
- You are responsible for ensuring and maintaining a safe distance to the lead vehicle at all times. Do not rely solely on ACC to maintain vehicle distance.

Lead Vehicle Start Alert

When your vehicle with ACC follows and stops behind the lead vehicle:



- If the lead vehicle starts, your vehicle will follow it and actively start the vehicle. Pay attention to the surrounding environment at all times to prevent collision accidents.
- When your vehicle is stopped for no more than 10 minutes when following a lead vehicle, ACC can start following the lead vehicle again.
- After your vehicle is stopped for more than 10 minutes when following a lead vehicle, EPB will be activated and ACC will be deactivated.
- If the system detects obstacles ahead that affect driving, making it impossible to follow a lead vehicle, you may, after checking the surroundings, restore starting while following by stepping on the accelerator.

Warning

- ACC cannot detect other traffic participants in all scenarios and may be ineffective, inappropriate or untimely owing to a variety of factors.
- You must pay attention to the traffic and road conditions at all times. Never depend solely on ACC for automatic follow-start. Doing so can cause injuries or vehicle damage.

Instrument Cluster Display

The driver assistance status indicator is located on the right side of the instrument cluster, where you can check the current features that can be activated, the features that are operating, and the cruise speed status.

	To be activated	Activated	Fault alert
Adaptive cruise control (ACC)			

When the instrument cluster displays a warning "The distance to the vehicle ahead is too close", it means that there is a risk of collision because ACC can't maintain the distance. You need to press the brake pedal and take over the steering wheel immediately to control the speed and direction of the vehicle.

Caution


The ESD on the instrument cluster is for illustrative purposes only and may not fully represent actual traffic conditions. Therefore, do not rely solely on what is displayed on the instrument cluster.

Warning

If you come across a dangerous situation, never wait for a warning to appear before taking action. Take over the vehicle immediately.

Exiting ACC

You can actively exit ACC by:

- Pressing the steering wheel left middle button 
- Pressing the brake pedal

In addition, ACC will exit automatically when the operating conditions are not met:

- The hands are off the steering wheel for a long time.
- The driver is distracted for too long or fatigued.
- The driver leaves driver's seat or unfastens seat belt.
- The vehicle is stopped for more than 10 minutes when following a lead vehicle.
- The driver turns the steering wheel with an angle of more than 90° when following a lead vehicle.
- Sensor is blocked due to extreme weather.
- Tire pressure alarm.
- The AEB system is activated.
- The automatic anti-lock brake system or the vehicle stability system is activated.

Warning

- When the ACC feature automatically exits, take over the vehicle immediately.
- After ACC is deactivated, the vehicle may slow down due to regenerative braking, and will not be able to maintain the set distance to a lead vehicle. Please pay attention to driving safety.

Precautions and Restrictions

The following situations may lead to a recognition disorder of cameras, radars and sensors, preventing the normal operation of driver assistance features, which include but are not limited to:

- Poor visibility due to inclement weather (rain, snow, fog, haze, sand, etc.) or splashing water, snow or dust caused by vehicles.
- Sudden changes in ambient brightness, such as tunnel entrances or exits.
- Reduced recognition capability due to dim surroundings, such as at dawn, dusk, night, or in a tunnel or large areas of shadow, etc.
- Thin, sharp, and low stationary obstacles, such as chains, thin poles, curbs, pillars, road surface protrusions, or scattered metals, flower beds, shrubs, etc.
- Suspended obstacles, such as low-hanging electric wires, tree branches across the road, height restriction bars, unraised barriers, balloons, drones, etc.
- Items with special surfaces or structures, such as glass, foam, stainless steel roadblocks, thin wooden boards, wire mesh fences, hollow railings, tables and chairs, open doors, etc.
- Error of cameras, radars, sensors, etc. (such as blocked by objects or stained, installation position altered, exposed to bright light or reflective conditions, extremely high or low temperature, malfunction, etc.).
- Due to the limitations of radar detection, false alarms are likely in very rare and specific situations due to metal fences, green belts, concrete walls, traffic signs of expressway and elevated roads, high-speed anti-collision barrels.
- Complex or unfavorable road conditions, such as steep slopes, sharp turns, continuous curves, construction zones, water accumulation, snow accumulation, icy surfaces, collapses, potholes, temporary detours, missing manhole covers, and blurred markings, etc.

ACC will only respond to the vehicles that meet the conditions. Some targets may not be identified or may trigger a response, including but not limited to:

- Vehicles lying across the lane, vehicles moving sideways, vehicles that have rolled over in an accident, and overturned vehicles.
- Bicycles, motorcycles, tricycles.
- Shattered obstacles.

The following targets will not be responded to, including but not limited to:

- Humans, animals, traffic cones, traffic lights, roadblocks, walls, and other non-vehicle objects.

Caution

- This feature cannot guarantee the recognition of special vehicles, especially at night and in poorly lit environments, where extra caution is necessary. For example, vehicles with obstructions at the rear, vehicles with irregular shapes, vehicles with a rear vertical surface below a certain height, and unloaded commercial vehicles, among others.
- The feature may have false negatives for stationary or slow-moving vehicles, especially during nighttime, when extra caution is required.

Some situations may cause late recognition and response of ACC because the target is not directly ahead, including but not limited to:

- ACC will not respond to targets in the sensor blind zone. For example, ACC cannot detect the blind spots at the corners of the vehicle and the blind spots on the sides of the vehicle.
- The target may be incorrectly selected or missed when the vehicle is approaching or navigating a curve, resulting in unexpected acceleration or deceleration of the vehicle.
- The target may be lost or the distance to the lead vehicle may be misjudged when the vehicle is on a slope. When going downhill, it may accelerate the vehicle, causing it to exceed the cruise speed.
- When only part of the body of a vehicle in an adjacent lane cuts in front of your vehicle (especially when it's a larger vehicle such as a bus, truck, etc.), the system may not recognize the target in a responsive manner, in which case you need to take over your vehicle in time.
- When your vehicle abruptly cuts in behind a vehicle ahead, or another vehicle abruptly cuts into or out of the front of your vehicle, the system may not recognize the target in a responsive manner, in which case you need to take over your vehicle in time.

Caution

- This feature may accelerate your vehicle when no acceleration is required or planned by you. This may be caused by a change or loss of a followed target (particularly during a turn or lane change).

- This feature may brake your vehicle when no braking is required or planned by you. This may be caused by detection of a change or loss of a vehicle, object, or stationary target in an adjacent lane (particularly during a turn or lane change).
- When following a lead vehicle, if your vehicle or the lead vehicle cuts out of the current lane, acceleration by this feature may be limited for a period of time due to safety reasons. You can take over your vehicle by actively pressing the accelerator.

This feature cannot guarantee accurate recognition of the target in all situations. If you find that the display of "target lead vehicle" on the instrument cluster does not match the actual situation, please take over your vehicle in a timely manner. Such situations include but are not limited to:

- There is a vehicle ahead, but the instrument cluster does not show the lead vehicle.
- There is no vehicle ahead, but the instrument cluster shows a lead vehicle.

When driving in special or complex road conditions, use of ACC is not recommended because it may affect the performance of the feature or even cause it to be deactivated. Such conditions include but are not limited to:

- Tunnel entrances and exits.
- Uphill and downhill slopes, uneven roads, winding roads, sharp curves, narrow roads, non-paved roads, and roads without a central divider.
- Large numbers of pedestrians, bicycles, electric bicycles, or animals.
- Water, mud, potholes, snow, ice, cave-ins, speed bumps, or obstacles on the road.
- Complex and varied traffic conditions, such as busy intersections, expressway ramps, and congested roads.

In the following situations, if the vehicle speed is too high relative to the lead vehicle, ACC may be subject to limited control, which will result in an inability to maintain the safe distance in a responsive manner. Such situations include but are not limited to:

- Sudden maneuvers of a vehicle ahead (such as sudden turns, acceleration, deceleration, etc.)
- Another vehicle abruptly cutting in or out of the front of your vehicle.

- Your vehicle abruptly cutting in behind a vehicle ahead.
- Your vehicle driving towards a stationary or slow-moving target at a high speed.

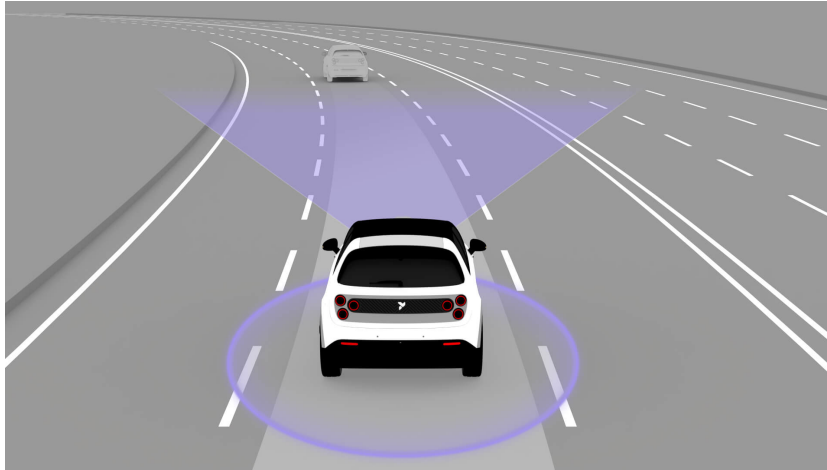
Sufficient braking force may not be available in situations including but not limited to:

- The brake feature does not work fully (such as when the brake parts are too cold, too hot, wet, etc.)
- Improper vehicle maintenance (excessive wear of the brake or tires, abnormal tire pressure, etc.)
- The vehicle is driving on special roads (such as uphill and downhill slopes, or roads with water, mud, potholes, ice, snow, etc.)

The above warnings, precautions and restrictions do not exhaust all the situations that may affect the proper operation of ACC. There are many factors that may interfere with ACC. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Lane Centering Control

Lane centering control (LCC/Pilot Assist) assists in keeping the vehicle centered in its lane, in addition to the vehicle speed control and distance maintenance features provided by ACC. LCC/Pilot Assist uses high-definition cameras and millimeter-wave radar to detect vehicles ahead on the driving path, so as to automatically control the speed of the vehicle and maintain the distance between itself and the vehicle ahead.



Caution

- LCC/Pilot Assist is mainly intended for use on roads with clear lane markings.
- If the lane markings are clear on both sides, LCC/Pilot Assist will seek to keep the vehicle in the center of the lane. Under special road conditions, such as on rainy days, with poor lighting at night or in other undesirable situations, LCC/Pilot Assist's ability to recognize lane markings will be reduced, potentially resulting in a failure to keep the vehicle in the lane in an appropriate manner or risk of scratching. In such cases, it is recommended to temporarily disable LCC/Pilot Assist or switch to ACC.

Warning

- LCC/Pilot Assist is a comfort feature and is not intended for collision avoidance, so it has a limited maximum deceleration that is less than the maximum deceleration that can be requested during AEB and manual braking. Do not rely on it to avoid collision.
- If your vehicle is approaching a stationary or slow-moving vehicle at a high speed, the system may not be able to bring your vehicle to a complete stop or maintain a safe distance. Take over your vehicle immediately.

- LCC/Pilot Assist has a limited steering torque that is less than the maximum steering force of manual steering. Do not rely solely on it to control the direction.
- Please take over the steering wheel immediately when cornering, turning around, or driving on roads with unclear lane markings. Never use LCC/Pilot Assist in these situations.

Warning

- As a driving assist feature, LCC/Pilot Assist does not support auto driving, so the driver must stay focused and pay attention to road conditions.
- LCC/Pilot Assist has operating condition limitations (such as severe weather, complex road conditions, system abnormalities), so the driver needs to assess the feature's applicability in real time and take over the vehicle in a timely manner.
- You always bear the ultimate responsibility for driving safety, and shall abide by road safety regulations and independently decide when to activate the feature.

Enabling/Disabling LCC/Pilot Assist

You can go to the settings interface from  on the control panel, tap **Driver assistance** > **Easy driving**, and select **LCC/Pilot Assist**.

You can control the driver assistance features with the left steering wheel buttons:




- **Middle button:** activate or deactivate LCC/Pilot Assist.
- **Up button:** increase or resume the cruise speed.
- **Down button:** decrease the cruise speed.

- **Left button:** decrease the following distance.
- **Right button:** increase the following distance.

Enabling **LCC/Pilot Assist** in settings does not mean that the feature is activated; the system will only activate if the operating conditions are met:

- Functional components work properly, and vision is clear.
- The steering wheel's steering angle must not be too large.
-
- The vehicle is not in special modes, such as ECO+ mode, etc.
- Your vehicle meets all safety conditions, such as:
 - The driver is seated.
 - The driver has fastened their seat belt.
 - The driver's hands are on the steering wheel.
 - The driver does not step on the brake pedal.
 - Doors, hood and liftgate are closed.
 - Your vehicle is in Drive (D).
 - FCW and AEB are not triggered.
 - The anti-lock brake, traction control, and vehicle stability control systems are not triggered.

When LCC/Pilot Assist's operating conditions are met, press the steering wheel left middle button  to activate LCC/Pilot Assist.

- If the lane markings on both sides are clear and the vehicle is in the center of the current lane, activate LCC/Pilot Assist.
- If the lane markings on both sides are unclear or the vehicle is not in the center of the current lane, it will first activate ACC and start searching for lane markings, then activate LCC/Pilot Assist when the conditions are met.
- If the vehicle speed is lower than 30 km/h, the cruise speed will be set at 30 km/h.
- If the vehicle speed is higher than 30 km/h, the vehicle speed will be set as the cruise speed.

When LCC/Pilot Assist activates ACC and starts searching for lane markings, you can release the accelerator and the system will maintain the set cruise speed.

- If there is a lead vehicle, LCC/Pilot Assist will adjust the speed of your vehicle according to the speed and distance of the lead vehicle, with the maximum speed not exceeding the cruise speed.
- When there is no vehicle ahead, LCC/Pilot Assist will quickly adjust the speed of your vehicle to the cruise speed.

When LCC/Pilot Assist activates steering assist, it will actively assist with steering control, but please keep your hands lightly on the steering wheel. The pressure of your hands may have a slight effect on steering assist, so please pay close attention to the driving situation, and be ready to take control of the steering wheel at any time to control the direction of the vehicle.

The steering wheel turns when LCC/Pilot Assist is controlling the steering. When LCC/Pilot Assist is actively accelerating, the accelerator does not move; when it is decelerating, the brake pedal may move.


Caution

The feature cannot be activated, when the vehicle is in autohold and there are no other vehicles in front of the vehicle.

Warning

When this feature is enabled and the system detects that you are not in a normal driving state (e.g., hands-off steering wheel, prolonged distraction or drowsiness, or driver absence), the emergency active stop (EAS) feature will activate, provided all system operating conditions are met.

Adjusting Speed under LCC/Pilot Assist

When LCC/Pilot Assist is activated, you can go to the settings interface from  on the control panel, tap **Driver assistance > Easy driving > Cruise speed adjustment**, and select the appropriate speed adjustment mode.

The available options are:

- **Short press ± 1 , Long press ± 5**
 - Short press the up or down button on the left side of the steering wheel to increase/decrease the cruise speed by 1 km/h.

- Long press the up or down button on the left side of the steering wheel to increase/decrease the cruise speed to the closest 5 km/h increment. For example, if the speed is 80 km/h, long press the up button on the left side of the steering wheel, and the speed will increase to 85 km/h.
- **Short press ± 5 , Long press ± 1**
 - Long press the up or down button on the left side of the steering wheel to increase/decrease the cruise speed by 1 km/h.
 - Short press the up or down button on the left side of the steering wheel to increase/decrease the cruise speed to the closest 5 km/h increment. For example, if the speed is 80 km/h, short press the up button on the left side of the steering wheel, and the speed will increase to 85 km/h.

The minimum set speed for LCC/Pilot Assist is 30 km/h, but it allows the vehicle to decelerate to 0 km/h when following a vehicle ahead.

Cruise Speed Personalization

According to the speed limit information of current road regulations, the cruise speed can be customized:


- By value: It can be adjusted within the range of "-15 km/h" to "15 km/h" relative to the legal speed limit. For example: Setting "+5 km/h" will enable the ACC feature on roads with a speed limit of 120 km/h, setting the cruise speed to 125 km/h by default.
- By percentage: It can be adjusted within the range of "-15%" to "15%" relative to the legal speed limit. For example: Setting "+5%" will enable the ACC feature on roads with a speed limit of 120 km/h, setting the cruise speed to 126 km/h by default.

Warning

- LCC/Pilot Assist does not always set the accurate speed limit according to the road conditions, causing the vehicle to unexpectedly accelerate or decelerate. Please always pay attention to road conditions and, if necessary, manually adjust the set cruise speed or directly take over the vehicle.
- Excessive cruise speed (including with manual adjustment and the system's autonomous adjustment) may pose risks of safety and rule violations.

Intelligent Speed Assist

Once enabled, when the vehicle is driving on a highway or overpass under LCC/Pilot Assist, it will alert you to change the speed limit when it detects a change in the road speed limit.

You can go to the settings interface from  on the control panel, tap **Driver assistance > Easy driving > Intelligent speed assist**, and then choose **Off**, **Manual** or **Auto**. When Manual mode is selected, if the vehicle shows a speed limit change prompt, you need to press the button to confirm according to the instrument cluster prompt, keeping the cruise speed consistent with the current road; when Auto mode is selected, it will assist the vehicle in keeping the cruise speed consistent with the current road when a change in speed limit is recognized.

Caution

- ISA is a driver assist feature and cannot address all traffic, weather, and road situations. You must always pay attention to the traffic and road conditions and decide by yourself whether to activate ISA while ensuring safety.
- ISA is only a supplement to, and not a substitute for your visual observation. Never rely solely on the speed limit information identified by the TSR for driving.
- ISA does not currently work on complex road conditions such as ramps.
- ISA displays speed limit messages on the instrument cluster by combining the speed limit information on the map; if there is no speed limit information source on the map, no speed limit warning message will be displayed.
- An overspeed alert will be sent if the driving speed exceeds the current speed limit.
- Always be attentive while driving. You always bear the ultimate responsibility for safe driving and comply with the current traffic laws and regulations.

Adjusting Following Time and Distance under LCC/Pilot Assist

When the system is active or to be activated, the following time and distance can be adjusted in 5 levels.

- Short press the right button on the left side of the steering wheel to set the following time and distance farther by one level.
- Short press the left button on the left side of the steering wheel to set the following time and distance closer by one level.

Lead Vehicle Start Alert

When your vehicle with LCC/Pilot Assist follows and stops behind the lead vehicle:

- If the lead vehicle starts, your vehicle will follow it and actively start the vehicle. Pay attention to the surrounding environment at all times to prevent collision accidents.
- When your vehicle is stopped for no more than 10 minutes when following a lead vehicle, LCC/Pilot Assist can start following the lead vehicle again.
- After your vehicle is stopped for more than 10 minutes when following a lead vehicle, EPB will be activated and LCC/Pilot Assist will be deactivated.
- When your vehicle stops as the lead vehicle stops for more than 5 seconds, and the system detects obstacles ahead that may affect driving, preventing the vehicle from following the lead vehicle, you need to re-activate following the lead vehicle by pressing the up button on the left side of the steering wheel or pressing the accelerator after checking the surroundings.

After LCC/Pilot Assist stops the vehicle as the lead vehicle stops, it will start the vehicle again only when the distance to the lead vehicle exceeds 4 m.

Caution

- When lane markings on both sides are unclear, but there is a vehicle that meets the conditions in the immediate front, your vehicle may follow that vehicle for a short period of time.
- While following a lead vehicle, if the lane markings on both sides are unclear and the lead vehicle slowly changes its driving path, your vehicle is at risk of colliding with adjacent vehicles. You need to be ready to take over your vehicle at any time to ensure driving safety.


Takeover and Resume

When driving with LCC/Pilot Assist on, you can actively take over the vehicle by depressing the accelerator at any time or turning the steering wheel.

- LCC/Pilot Assist no longer responds to the target lead vehicle when you actively take over by depressing the accelerator.
- LCC/Pilot Assist will resume ACC as soon as you release the accelerator.
- The steering assist feature of LCC/Pilot Assist will retreat to the standby status for the time being when you actively take over by turning the steering wheel,

but ACC will remain active and search for lane markings, during which time you will be controlling the direction of the vehicle.

- When you stop turning the steering wheel, if the lane markings on both sides are clear and the vehicle is in the center of the current lane, steering assist will resume automatically.

After you exit LCC/Pilot Assist by pressing the steering wheel left middle button  or depressing the brake pedal, you can activate it again by pressing the up button on the left side of the steering wheel, and restore the previously set cruise speed. When LCC/Pilot Assist stops the vehicle as the lead vehicle stops, you can press the up button on the left side of the steering wheel, or step on the accelerator to restore the previously set cruise speed.

Reactivate LCC/Pilot Assist, then activate ACC first which will start searching for lane markings and, if the lane markings on both sides are clear and the vehicle is in the center of the current lane, activate LCC/Pilot Assist.

Caution

When the steering assist feature of LCC/Pilot Assist is working properly:

- If the active lane change (ALC) feature is activated in the settings and you toggle the turn signal stalk, an automatic lane change will be performed once the conditions are met. Please refer to "Active Lane Change" for details.
- If the ALC feature is not activated in the settings, when you toggle the turn signal stalk, the steering assist feature of LCC/Pilot Assist will be temporarily exited to enter standby state. During this time, ACC will remain on and continue searching for lane markings, and you need to take over the steering wheel to control your vehicle direction in a timely manner. When the required conditions are met, steering assist will resume automatically.


Warning

The following situations may cause the steering assist feature of the LCC/Pilot Assist to not function in an expected manner or temporarily exit to enter standby mode. In such cases, an auditory and text alert will be sent to remind you to take over the steering wheel in a timely manner. During this time, the ACC will remain on and continue searching for lane markings. When the required conditions are met, steering assist will resume automatically. Such situations include but are not limited to:

- Road sections with excessively curved bends, with unclear lane markings, without lane markings, with special lane markings, with too wide or too narrow lane markings, and uphill or downhill slopes.
- There are edges or other high-contrast lines on the road instead of lane markings, such as road joints or curbs.
- Lane markings cannot be recognized or are not recognized correctly due to light, such as reflection of lane markings caused by strong light, poor visibility or insufficient light caused by bad weather and/or at night.

Instrument Cluster Display

The driver assistance status indicator is located on the right side of the instrument cluster, where you can check the current features that can be activated, the features that are operating, and the cruise speed status.

	To be activated	Activated	Fault alert
LCC/Pilot Assist			

Caution

The ESD on the instrument cluster is for illustrative purposes only and may not fully represent actual traffic conditions. Therefore, do not rely solely on what is displayed on the instrument cluster.

Keep your hands on the steering wheel and eyes on the road ahead when driving with LCC/Pilot Assist active:

- When the system detects that your hands have been off the steering wheel or your eyes have been off the road ahead for a period of time, the instrument cluster will remind you to keep your hands on the steering wheel and concentrate on driving with a sound alert.
- When the system detects that your hands are still off the steering wheel or your eyes are still off the road ahead after a period of time, the instrument cluster will remind you with repeated sound alerts to take control of the vehicle, or the driver assistance feature will be exited.
- When the system detects that your hands have been always off the steering wheel or your eyes have been always off the road ahead after a period of time, the emergency active stop feature will be activated and the vehicle will come

to a complete stop, and the instrument cluster will remind you with sound alerts and hazard warning lights will turn on.

When the system detects that your hands are on the steering wheel and your eyes are on the road ahead, the warning disappears.

Maintaining Safe Distance


When the instrument cluster displays a warning "The distance to the vehicle ahead is too close", it means that there is a risk of collision because LCC/Pilot Assist can't maintain the distance. You need to press the brake pedal and take over the steering wheel immediately to control the speed and direction of the vehicle.

Warning

If you come across a dangerous situation, never wait for a warning to appear before taking action. Take over the vehicle immediately.

Exiting LCC/Pilot Assist

You can actively exit LCC/Pilot Assist by:

- Pressing the steering wheel left middle button 
- Pressing the brake pedal

In addition, LCC/Pilot Assist will exit automatically when the operating conditions are not met:

- The hands are off the steering wheel for a long time.
- The driver is distracted for too long or fatigued.
- The driver leaves driver's seat or unfastens seat belt.
- The vehicle is stopped for more than 10 minutes when following a lead vehicle.
- The driver turns the steering wheel with an angle of more than 90° when following a lead vehicle.
- Sensor is blocked due to extreme weather.
- Tire pressure alarm.
- The AEB system is activated.
- The automatic anti-lock brake system or the vehicle stability system is activated.

Warning

- When LCC/Pilot Assist automatically exits, take over your vehicle immediately.
- After LCC/Pilot Assist is deactivated, the vehicle may slow down due to regenerative braking, and will not be able to maintain the set distance to a lead vehicle. Please pay attention to driving safety.

Precautions and Restrictions

The following situations may lead to a recognition disorder of cameras, radars and sensors, preventing the normal operation of driver assistance features, which include but are not limited to:

- Poor visibility due to inclement weather (rain, snow, fog, haze, sand, etc.) or splashing water, snow or dust caused by vehicles.
- Sudden changes in ambient brightness, such as tunnel entrances or exits.
- Reduced recognition capability due to dim surroundings, such as at dawn, dusk, night, or in a tunnel or large areas of shadow, etc.
- Thin, sharp, and low stationary obstacles, such as chains, thin poles, curbs, pillars, road surface protrusions, or scattered metals, flower beds, shrubs, etc.
- Suspended obstacles, such as low-hanging electric wires, tree branches across the road, height restriction bars, unraised barriers, balloons, drones, etc.
- Items with special surfaces or structures, such as glass, foam, stainless steel roadblocks, thin wooden boards, wire mesh fences, hollow railings, tables and chairs, open doors, etc.
- Error of cameras, radars, sensors, etc. (such as blocked by objects or stained, installation position altered, exposed to bright light or reflective conditions, extremely high or low temperature, malfunction, etc.).
- Due to the limitations of radar detection, false alarms are likely in very rare and specific situations due to metal fences, green belts, concrete walls, traffic signs of expressway and elevated roads, high-speed anti-collision barrels.
- Complex or unfavorable road conditions, such as steep slopes, sharp turns, continuous curves, construction zones, water accumulation, snow accumulation, icy surfaces, collapses, potholes, temporary detours, missing manhole covers, and blurred markings, etc.

LCC/Pilot Assist will only respond to the vehicles that meet the conditions. Some targets may not be identified or may trigger a response, including but not limited to:

- Vehicles lying across the lane, vehicles moving sideways, vehicles that have rolled over in an accident, and overturned vehicles.
- Bicycles, motorcycles, tricycles.
- Shattered obstacles.

The following targets will not be responded to, including but not limited to:

- Humans and animals.
- Traffic cones, traffic lights, roadblocks, walls, and other non-vehicle objects.

Some situations may cause late recognition and response of LCC/Pilot Assist because the target is not directly ahead. They include but are not limited to:

- LCC/Pilot Assist will not respond to targets in the sensor blind zone. For example, it cannot detect the blind spots at the corners of the vehicle and the blind spots on the sides of the vehicle.
- The target may be incorrectly selected or missed when the vehicle is approaching or navigating a curve, resulting in unexpected acceleration or deceleration of the vehicle.
- The target may be lost or the distance to the lead vehicle may be misjudged when the vehicle is on a slope. When going downhill, it may accelerate the vehicle, causing it to exceed the cruise speed.
- When only part of the body of a vehicle in an adjacent lane cuts in front of your vehicle (especially when it's a larger vehicle such as a bus, truck, etc.), the system may not recognize the target in a responsive manner, in which case you need to take over your vehicle in time.
- When your vehicle abruptly cuts in behind a vehicle ahead, or another vehicle abruptly cuts into or out of the front of your vehicle, the system may not recognize the target in a responsive manner, in which case you need to take over your vehicle in time.

Caution

- This feature may accelerate your vehicle when no acceleration is required or planned by you. This may be caused by a change or loss of a followed target (particularly during a turn or lane change).
- This feature may brake your vehicle when no braking is required or planned by you. This may be caused by detection of a change or loss of a vehicle,

object, or stationary target in an adjacent lane (particularly during a turn or lane change).

- When following a lead vehicle, if your vehicle or the lead vehicle cuts out of the current lane, acceleration by this feature may be limited for a period of time due to safety reasons. You can take over your vehicle by actively pressing the accelerator.

This feature cannot guarantee accurate target recognition in all situations. If you find that what is displayed on the instrument cluster do not match the actual situation, please drive with caution so as to take over your vehicle in a timely manner. Such situations include but are not limited to:

- There is a vehicle ahead, but the instrument cluster does not show the lead vehicle.
- There is no vehicle ahead, but the instrument cluster shows a lead vehicle.

When driving in special or complex road conditions, the use of LCC/Pilot Assist is not recommended because they may affect the performance of the feature or even cause it to be deactivated. Such conditions include but are not limited to:

- Tunnel entrances and exits.
- Uphill and downhill slopes, uneven roads, winding roads, sharp curves, narrow roads, non-paved roads, and roads without a central divider.
- Large numbers of pedestrians, bicycles, electric bicycles, or animals.
- Water, mud, potholes, snow, ice, cave-ins, speed bumps, or obstacles on the road.
- Complex and varied traffic conditions, such as busy intersections, expressway ramps, and congested roads.

In the following situations, if the vehicle speed is too high relative to the lead vehicle, LCC/Pilot Assist may be subject to limited control, which will result in an inability to maintain the safe distance in a responsive manner. Such situations include but are not limited to:

- Sudden maneuvers of a vehicle ahead (such as sudden turns, acceleration, deceleration, etc.)
- Another vehicle abruptly cutting in or out of the front of your vehicle.
- Your vehicle abruptly cutting in behind a vehicle ahead.

- Your vehicle driving towards a stationary or slow-moving target at a high speed.

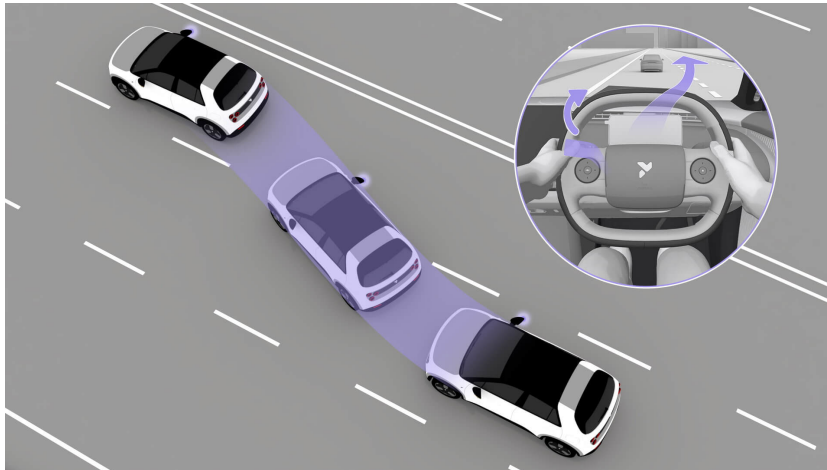
It may not be able to provide sufficient braking force in the following situations, which include but are not limited to:

- The brake feature does not work fully (such as when the brake parts are too cold, too hot, wet, etc.)
- Improper vehicle maintenance (excessive wear of the brake or tires, abnormal tire pressure, etc.)
- The vehicle is driving on special roads (such as uphill and downhill slopes, or roads with water, mud, potholes, ice, snow, etc.)

The above warnings, precautions, and restrictions do not exhaust all the situations that may affect the proper operation of the LCC/Pilot Assist. There are many factors that may interfere with the LCC/Pilot Assist. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Active Lane Change


Active lane change (ALC) adds a lane change assist feature on the basis of realizing LCC/Pilot Assist. Once enabled in the settings, the system will complete the lane change after the driver toggles the turn signal stalk and when specific environmental and road conditions are met.



Warning

- ALC, as a driver assist feature, cannot address all traffic, weather, and road situations. To protect your safety, you must always pay attention to the traffic and road conditions and decide by yourself whether to activate ALC.
- When utilizing ALC, you should always be ready to take over the vehicle if you discover that the road, the traffic, the state of the vehicle, or any other risky factors make it unsafe for you to utilize this feature.
- Always be attentive while driving. You always bear the ultimate responsibility for safe driving and comply with the current traffic laws and regulations.

Enabling/Disabling ALC

ALC is disabled by default. You can go to the settings interface from  on the control panel, and select the drive mode to **LCC/Pilot Assist** to enable or disable ALC.

Enabling ALC in settings does not mean the feature is activated; the feature will only activate if the operating conditions are met:

- Driver is seated in the right position, and keeping both hands on the steering wheel.
- The driver does not step on the brake pedal.

- Your vehicle is in drive (D).
- All doors are closed.
- LCC/Pilot Assist is enabled and operating normally.
- ALC is enabled and operating normally.
- Turn signals and sensors operate properly, and cameras provide a clear view.
-
- The anti-lock brake, traction control, and vehicle stability control systems are not triggered.
- The current and target lanes meet all the safety conditions for changing lanes. For example:
 - The lane marking on the side of the lane change is a dotted line.
 - The vehicle maintains a safe distance to vehicles in front of and behind it in the current and target lanes.
 - The lane markings on both sides of the target lane are clear.


Initiating Lane Change

After meeting the operating conditions, you must perform a visual check to confirm the safety of the lane change environment, and then toggle the turn signal stalk on the corresponding side. The system will detect if your hands are on the steering wheel.

- The system will activate the ALC feature to implement a lane change if it detects that the conditions to change lanes have been met; After the lane change is completed, please confirm that the turn signal stalk has been toggled back.
-

When the following situations occur, the lane change will be interrupted, and you will be reminded to take over your vehicle through the instrument cluster and sound alerts:

- Unsafe environment for lane changes is detected.
- Steering assist is exited, such as when the driver has taken over the steering wheel, the lane markings are unclear, and navigating excessively curved bends.

- ACC and LCC/Pilot Assist are exited at the same time, such as when  button has been pressed and the brake pedal is depressed.

Caution

- ALC can only change one lane at a time.
- ALC may not be completed in the event of poor lighting or vision at night or unclear lane markings.

Warning

- ALC may be exited unexpectedly due to unforeseen circumstances. Please always pay attention to the traffic conditions and road environment, and be prepared to take over your vehicle at any time.
- You must always confirm whether it is safe and appropriate to change lanes before and during a lane change. And note that ALC cannot respond to pedestrians, obstacles, oncoming vehicles, etc.
- Do not rely solely on driving routes determined by ALC. You always bear the ultimate responsibility for safety during lane changes.

Canceling Lane Change

Before or during a lane change, toggle the turn signal stalk in the opposite direction of the lane change to cancel the lane change.

Caution

- If over half of the vehicle has crossed the lane marking, the lane change cannot be canceled and the lane change command will still be executed until it is completed.
- If less than half of the vehicle has crossed the lane marking, the vehicle will return to the original lane after canceling the lane change.

Precautions and Restrictions

Some situations may prevent ALC from completing a lane change assist or operating normally, requiring the driver to take over the steering wheel at any time. They include but are not limited to:

- Road sections with excessively curved bends, with unclear lane markings, without lane markings, with special lane markings, with too wide or too narrow lane markings, and uphill or downhill slopes.
- There are edges or other high-contrast lines on the road instead of lane markings, such as road joints or curbs.
- Lane markings cannot be recognized or are not recognized correctly due to light, such as reflection of lane markings caused by strong light, poor visibility or insufficient light caused by bad weather and/or at night.

The following situations may lead to a recognition disorder of cameras, radars and sensors, preventing the normal operation of driver assistance features, which include but are not limited to:

- Poor visibility due to inclement weather (rain, snow, fog, haze, etc.) or splashing water, snow or dust caused by vehicles.
- Sudden changes in ambient brightness, such as tunnel entrances or exits.
- Reduced recognition capability due to dim surroundings, such as at dawn, dusk, night, or in a tunnel or large areas of shadow, etc.
- Error of cameras, radars, sensors, etc. (such as blocked by objects, installation position altered, exposed to bright light, extremely high or low temperature, malfunction, etc.).
- Due to the limitations of radar detection, false alarms are likely in very rare and specific situations due to metal fences, green belts, concrete walls, traffic signs of expressway and elevated roads, high-speed anti-collision barrels.
- Waterlogged or collapsed roads.

ALC may miss or mis-detect obstacles in the target and current lanes. You must always confirm whether it is safe and appropriate to change lanes before and during the lane change. Some targets may not be identified or may trigger a response, including but not limited to:

- Side-crossing vehicles.
- Motorcycles, tricycles.

The following targets will not be responded to, including but not limited to:

- Animals, stones, cardboard boxes, traffic lights, roadblocks, walls and other nonvehicle, pedestrian barriers

Warning

- ALC cannot guarantee the recognition of special vehicles in all circumstances, especially during nighttime, when extra caution is required. For example, vehicles with obstructions at the rear, vehicles with irregular shapes, vehicles with a rear vertical surface below a certain height, and unloaded commercial vehicles, among others.
- ALC may have false negatives for stationary or slow-moving vehicles, especially during nighttime, when extra caution is required.

It is not recommended to activate ALC when driving in special or complex road conditions, which include but are not limited to:


- Tunnel entrances and exits.
- Uphill and downhill slopes, uneven roads, winding roads, sharp curves, narrow roads, non-paved roads, and roads without a central divider.
- Large numbers of pedestrians, bicycles, electric bicycles, or animals.
- Water, mud, potholes, snow, ice, cave-ins, speed bumps, or obstacles on the road.
- Complex and varied traffic conditions, such as busy intersections, expressway ramps, and congested roads.

Warning

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

The above warnings, precautions and restrictions do not exhaust all the situations that may affect the proper operation of ALC. There are many factors that may interfere with ALC. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Mute Driver Assistance

You can go to the settings interface from  on the control panel, tap **Driver assistance** > **Easy driving** to enable or disable "Mute driver assistance". This feature is disabled by default, and follow the account memory.


When the feature is enabled, the sound from rear collision warning, GO notifier, lane departure warning, and lane blind spot alert will be turned off.

Warning

It is recommended to only disable the warning sound when the surrounding environment clearly does not require it. When you disable it manually, you assume all risks arisen from it.

Dynamic Environment

The dynamic environment can show the real-time external environment monitored by the vehicle, including lane markings, traffic lights, vehicles, and other traffic elements.

You can tap  from the bottom of the control panel to go to the application center panel, and open **Dynamic environment**. You can also swipe left from the right side of the control panel to go to the dynamic environment.

Caution

- As a driver assist feature, the dynamic environment cannot replace your visual observation, and may be ineffective, inappropriate or untimely due to environmental and road conditions.
- Since the detection range of the cameras and sensors associated with the dynamic environment is limited, and road and weather conditions may have adverse effects on detection, always drive with caution.
- The dynamic environment is not able to monitor various objects, vehicles, cyclists or pedestrians, nor can it accurately display the full condition of the surrounding environment, and there is a possibility of display error. Do not rely solely on what is displayed on the screen.
- Always be attentive while driving. You always bear the ultimate responsibility for safe driving and comply with the current traffic laws and regulations.

Driving Alert

You can go to the settings interface from  on the control panel, and tap **Driver assistance** > **Easy driving** to enable or disable the alert feature.

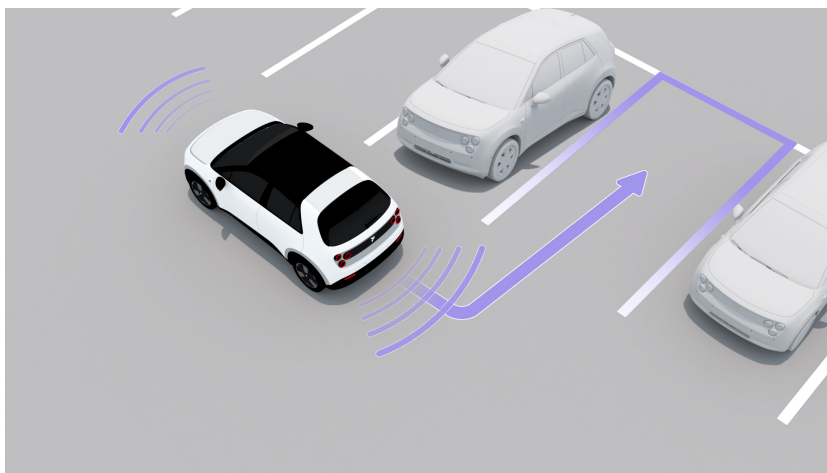
GO Notifier

With this feature enabled in the manual driving mode, when the driver stops by following the lead vehicle for a period of time, the system will issue alerts through text and sound if the driver does not follow after the lead vehicle starts.

Shiftless Advanced Parking Assist with Ultrasound Sensor (S-APA with USS)

Shiftless advanced parking assist with ultrasound sensor (S-APA with USS) uses ultrasonic sensors to detect parking spots between two vehicles, so as to provide parking assist.

S-APA with USS supports only perpendicular parking and parallel parking defined by physical obstacles, but does not support parking spaces marked only by parking lines, angled parking spaces, three-dimensional parking spaces or mechanical parking spaces.



Caution




- As a driver assist feature, S-APA with USS cannot address all traffic, weather, road and lighting situations. To protect your safety, you must always pay attention to the traffic and road conditions and decide by yourself whether to activate this feature.
- When utilizing S-APA with USS, you should immediately take over the vehicle if you discover that the road, the traffic, the state of the vehicle, or any other risky factors make it unsafe for you to utilize this feature.
- Always be attentive while driving. You always bear the ultimate responsibility for safe driving and comply with the current traffic laws and regulations.

Enabling S-APA with USS

The steps to use S-APA with USS are as follows:

1. **Enable S-APA with USS**

You can enable the S-APA with USS in the following ways:

- After shifting the vehicle into Reverse (R), enter the park assist camera interface, then tap the icon  to enable S-APA with USS.
- Tap  from the bottom of the control panel to go to the application center panel, open **Park assist**, and tap the icon  to enable S-APA with USS.

2. Search for parking

The vehicle moves at a low speed to search for parking spots. After a successful search, the control panel will show available parking spots nearby, labeled with numbers.

3. Select parking spot

Once a parking spot is found and the selected parking spot is confirmed to be suitable and safe, slow down the vehicle to under 3 km/h and then select the parking spot on the control panel.

4. Start parking

After selecting a suitable parking spot, a message will appear on the control panel prompting you to release the brake pedal and steering wheel. Then, release the brake pedal to start assisted parking.

5. Complete parking

When the message appears on the control panel indicating that parking is complete, ensure that the vehicle is in Park (P) and the steering wheel is returned to its neutral position before unbuckling your seat belt and leaving the vehicle.

For S-APA with USS to work properly, the vehicle must meet the following conditions:

- The vehicle speed is lower than 16 km/h.
- The vehicle is in Drive (D) or Reverse (R).
- All doors are closed.
- The driver is seated.
- The system is not faulty, and the ultrasonic sensor functions normally.
- The anti-lock brake, traction control, and vehicle stability control systems are not triggered.

Caution

- If the vehicle speed is above 16 km/h, PSS will stop.

- When searching for a parking spot, the final parking effect will be affected if the angle between the vehicle's forward direction and the road's direction is too big.
- Parking spots on narrow passages or narrow parking spots may not be selected as parking spots because they do not have the required operating space.
- S-APA with USS does not support activating PSS and parking the vehicle within a parking spot.

Pause Parking

During the process of parking under S-APA with USS, you can lightly step on the brake pedal to slow the vehicle down without disengaging the feature; only when you keep stepping on the brake pedal until the speed is reduced to 0 km/h and the "Pause parking" button appears on the screen, can you tap the button to suspend the feature.

During the process of parking with park assist, if the system detects that there may be a safety risk or the parking result cannot be guaranteed, the system will pause parking and ask you whether to continue parking.

If you actively interfere with the steering wheel, the parking feature will be suspended.

After parking is paused, check the surroundings to ensure that it is safe to continue parking. If so, release the brake pedal, and tap the **Resume parking** button on the control panel to re-activate S-APA with USS.

Caution

- S-APA with USS cannot determine whether the searched parking spot is legal. You must always check and confirm that the parking spots detected by the system are legal and safe. Do not rely solely on the judgment of this feature.
- The system may wrongly identify parking spots on entrances, bushes, and other places. Please exercise your judgment to determine the suitability of parking spots.
- Do not use S-APA with USS in the event of faults in hardware such as side mirrors, ultrasonic sensors, etc.
- Too many pauses during the parking process will affect the final parking effect.

- To ensure the normal and safe operation of this feature, please make sure to fasten your seat belt during the use of this feature.

Exiting S-APA with USS

You can deactivate the parking process manually in the following ways. Immediately take over the vehicle after deactivating S-APA with USS:

- Step on the brake pedal and shift gears.
- Tap the **Stop parking** button when S-APA with USS is paused.
- Manually exit parking interface

In addition, when S-APA with USS is active, the following situations will cause the ongoing parking process to stop, requiring you to take over the vehicle in time:

- The vehicle is too close to an obstacle.
- Front trunk, liftgate or any door is open.
- Electric parking brake is activated.
- The anti-lock brake, traction control and vehicle stability control systems are triggered.
- The driver has left the seat.
- S-APA with USS pauses for more than 30 seconds.
- Too many front and rear adjustments.
- The overall parking process has timed out.
- System fault.

If S-APA with USS is unexpectedly stopped, take over the vehicle immediately when prompted.

Precautions and Restrictions

S-APA with USS may not function normally when the vehicle is driving under the following road conditions, including but not limited to:

- Do not activate S-APA with USS if the road surface is uneven or there are steps on the road. S-APA with USS is designed for use on flat roads only.
- Do not activate S-APA with USS if there is water, mud, potholes, ice and snow, speed bumps, and obstacles on the road.

- The curb material is special or cannot be detected. If parked improperly, the tires and wheel rims of the vehicle are at risk of being damaged by the curb, and you need to promptly take over the vehicle.
- When the road surface is slanted or the gradient is beyond the supported range, the success rate of S-APA with USS cannot be guaranteed.
- If the angle of the slanted parking space exceeds the supported range, the parking space will not be released, and the success rate for parking cannot be guaranteed.

The ultrasonic sensors may have limited detection of the following obstacles, requiring you to be ready to take over the vehicle at any time, so as to prevent property damage or injuries. Such obstacles include but are not limited to:

- Pedestrians, children, animals, etc.
- Wall corners, parking lot columns, etc.
- Thin, pointed, low, and suspended obstacles, such as ground locks, low stone piers, low cylinders, thin rods, sharp objects, height restriction bars, etc.
- Items with special surfaces or structures, such as glass, foam, stainless steel roadblocks, thin wooden boards, wire mesh fences, hollow railings, tables and chairs, open doors, etc.

Ultrasonic sensors have limited detection in the following situations, which may result in S-APA with USS being unable to work or not functioning as expected, which include but are not limited to:

- One or more of the ultrasonic sensors being damaged, misplaced, or obscured (such as by mud or ice).
- Severe weather like rain, snow, fog, and haze that affects the performance of the ultrasonic sensors.
- The sensors are affected by other electrical equipment or installations that can cause interference.

S-APA with USS may not be able to function as expected when the vehicle is driving in the following situations, which include but are not limited to:

- Any addition or modification of the steering wheel, which will increase the risk of parking and may cause S-APA with USS not to work, or not function as expected, including but not limited to: installing a steering wheel cover, modifying the steering wheel, adding a balancing ring, etc.

- Do not activate S-APA with USS if a trailer is attached to the rear of the vehicle.
- Do not activate S-APA with USS if the vehicle is fitted with snow chains or an alternate wheel.
- Do not activate S-APA with USS if a loaded object protrudes into the area surrounding the vehicle.
- Non-original tires or low tire pressure will affect the driving trajectory of S-APA with USS. When S-APA with USS is active, make sure the tires are original and properly inflated.
- After changing the tire size and specifications, you need to update the relevant parameters at firefly service. Currently only the tire models specified by firefly are supported; any modification of the vehicle's tire size and specifications may affect parking performance.

S-APA with USS may not be able to function as expected due to the following target parking spot conditions, which include but are not limited to:


- The target parking spot is adjacent to a roadside fence, high wall, street light, tree, bush, pillar, suspended obstacle such as a railing, distribution box, charging gun, etc., which will affect the final parking effect and may even cause vehicle damage.
- The target parking spot is on a curve, which will affect the final parking effect.
- Do not activate S-APA with USS when the target parking spot is at an angle.
- Do not activate S-APA with USS when there are unlocked ground locks, cones, shopping carts, and lampposts in the target parking spot.

Do not activate S-APA with USS repeatedly in the following situations, which include but are not limited to:

- Vigorous driving or repeated parking operations may trigger overheating protection of the steering system. Do not use S-APA with USS multiple times within a short period of time.

The above warnings, precautions and restrictions do not exhaust all the situations that may affect the proper operation of the S-APA with USS. There are many factors that may interfere with the S-APA with USS feature. In order to prevent accidents from occurring, you need to drive attentively and focus on the traffic, road, and vehicle conditions to ensure safe driving.

Vehicle Health Status

Please keep an eye on the health status of the vehicle to keep your vehicle in the best condition. You can go to the settings interface from  on the control panel, and tap **My car** to enter the service interface. When you are on this interface, the vehicle can perform a self-check, and show you the current health status of the vehicle once it is finished.

You can also view the energy consumption of the current trip on **My car** interface.

Maintenance Instructions

Routine maintenance is essential to ensure optimal vehicle performance and premium driving experience.

Given the system complexity of the vehicle and the after-sales service requirements of the national laws and regulations for NEVs, it is recommended that you complete the routine maintenance of the vehicle at the firefly service. If you have questions about how to check your vehicle, you can contact the firefly service directly.

Routine Maintenance

Routine maintenance is very important for ensuring your vehicle performance, reducing your costs of vehicle usage, and extending your vehicle service life. It is recommended to have your vehicle serviced at the firefly service according to the following requirements.

Daily Maintenance

The following items shall be checked on a daily basis. If any abnormalities are found, please contact the firefly service in a timely manner for relevant inspections.

- Check that all vehicle lights and horns work properly.
- Check that the wipers and windshield washers work properly.
- Check that the brakes work properly.
- Check that the seat belts work properly.
- Check if there are abnormally lit indicator lights or text warning messages on the digital instrument cluster and control panel.
- Check tire pressure, and inspect tires for damage or unusual wear.
- Check if there is any abnormal accumulation of fluids under your vehicle body (water accumulation caused by dehumidification in the A/C system is normal).
- Check your vehicle body for any dirt (such as bird droppings, resin, asphalt spots, insects, industrial dust, etc.) that may damage the paint. If there is any dirt, please clean your vehicle body according to the instructions. Refer to "Exterior Cleaning and Maintenance".
- Check for any dirt in the high-definition camera area. If there is any dirt, please clean those areas according to the instructions. Refer to "Exterior Cleaning and Maintenance."
- When driving, pay attention to any abnormal sounds such as bumps or impacts from the bottom of your vehicle body.

Regular Maintenance

If you drive your vehicle in normal driving conditions, please have it serviced at the firefly service according to the following maintenance items and intervals:

- **Gearbox oil:** Replace every 200,000 km.
- **Brake fluid:** Replace every 3 years.
- **Tire pressure:** TPMS reset every 1 year or 20,000 km (whichever comes first).

- **Coolant:** Check the coolant at the latest in the 5th year or at 100,000 km (whichever comes first), and replace it if necessary.
If the coolant is not replaced, check the coolant every 2 years or 40,000 km (whichever comes first) and replace it if necessary. If the coolant is replaced, check the new coolant in the 5th year or at 100,000 km (whichever comes first), and replace it if necessary.
When your vehicle is used in extremely cold (below -30°C) climates, check the coolant and replace it if necessary.
- **Brake pad:** Check your brake pads for wear at the latest in the 5th year or at 100,000 km (whichever comes first), and replace them if necessary.
If the brake pads are not replaced, check the brake pads every 2 years or 40,000 km (whichever comes first) and replace them if necessary. If the brake pads are replaced, check the new brake pads for wear in the 5th year or at 100,000 km (whichever comes first), and replace them if necessary.
- **Brake disc:** Check your brake discs for wear at the latest in the 10th year or at 200,000 km (whichever comes first) and replace them if necessary.
If the brake discs are not replaced, check the brake discs every 2 years or 40,000 km (whichever comes first) and replace them if necessary. If the brake discs are replaced, check the new brake discs for wear in the 10th year or at 200,000 km (whichever comes first), and replace them if necessary.

Note

The above "when necessary" refers to when test results do not meet the requirements of firefly technical standards.

Irregular Maintenance

It is recommended to have the following maintenance done at the firefly service when needed based on the conditions of your vehicle and the prompts on the control panel:

- Check the wiper blades for aging and scraping, and replace them if necessary.
- Check the A/C filter according to the prompts on the control panel of your vehicle or the actual usage conditions and replace it if necessary.
- Check the 12V battery according to the prompts on the control panel of your vehicle and replace it if necessary.

Note

The above "when necessary" refers to when test results do not meet the requirements of firefly technical standards.

It is recommended to have a comprehensive vehicle health check done at the firefly service when needed based on the usage environments and condition of your vehicle.

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 firefly service.


- Driving in a dusty environment.
- Driving in extremely cold (below -20°C) or high temperature (above 40°C) environments.
- Driving in humid environments or frequently wading in water.
- Driving on roads with high salt content or corrosive materials.
- Frequent braking or driving in mountainous areas.
- Frequent use under heavy loads or driving for special purposes.
- Vehicle retrofitted or modified for special purposes.

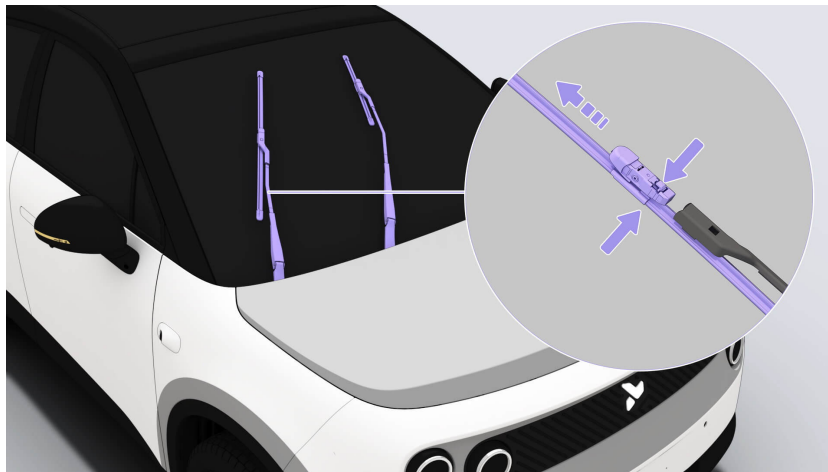
In extremely cold areas, it is recommended that your brake calipers be cleaned and lubricated yearly or every 20,000 km.

Front Wiper Blade Replacement

The front wipers remove rainwater and stains on the windshield (used together with windshield washer fluid). If your vision through the windshield is blurred or if there are multiple obvious water marks after the wiping, which affect the driver's vision and do not disappear, it's time to replace the wiper blades.

How to replace the front wiper blades:

1. Shift the vehicle to park (P), turn the wiper control knob to "0", go to the settings interface from  on the control panel, tap **My car > Service > Wiper service mode** to enable this feature, and then the wipers will move to a position that is convenient for replacement.
2. After the front wipers move to the service position, they can be lifted upwards: press and hold the front wiper blade tab and slide the wiper blade down perpendicular to the wiper arm to remove the wiper blade.

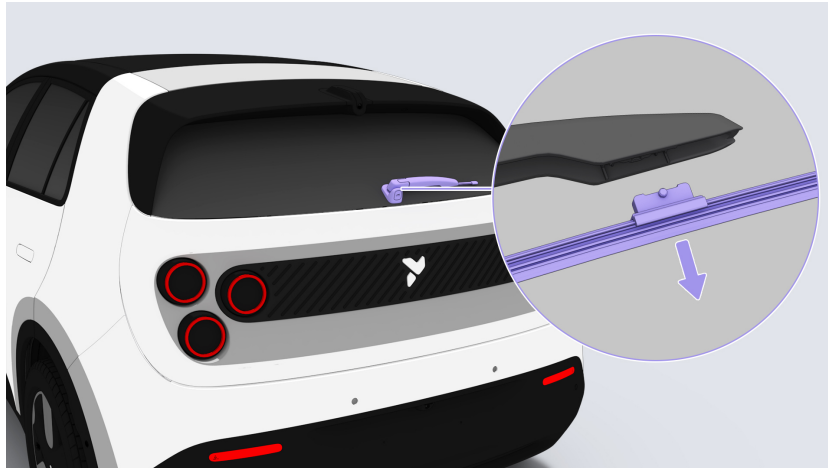


3. Insert the new wiper blade until you hear a "click", which indicates that the wiper blade has been properly secured.
4. After replacement, lower the wiper arm, and exit the wiper service mode on the control panel.

Rear Wiper Blade Replacement

The rear wipers remove rainwater and stains on the rear windshield (used together with windshield washer fluid). The steps to replace the rear wiper blades are as follows:

1. Lift the rear wiper arms up and remove the rear wiper blades.



2. Install new wiper blades and pull them to confirm that they are securely installed.
3. After replacement, lower the wiper arm.

Windshield Washer Fluid Refill

The steps to add windshield washer fluid are as follows:

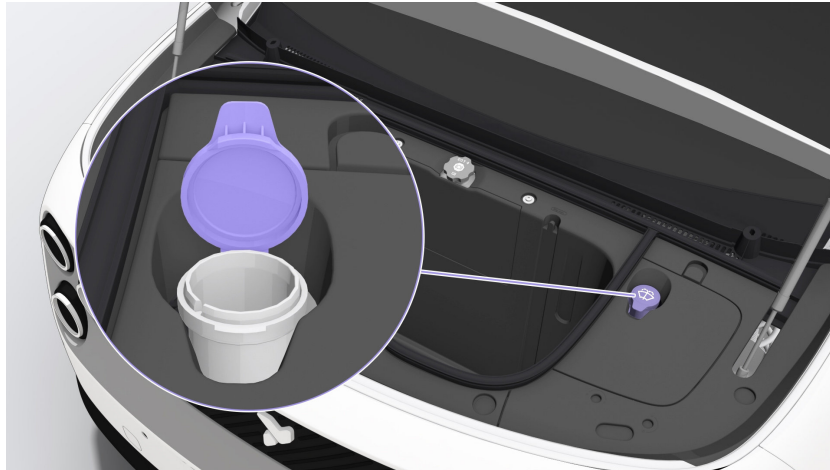
Warning

- To add windshield washer fluid, open the hood. If necessary, please contact the firefly service for assistance, so as to avoid injuries resulting from accidental contact with high-voltage components.
- Windshield washer fluid is flammable and irritating. When using it, please avoid open flames or bringing it into contact with body parts.
- Windshield washer fluid may damage your vehicle light covers. Please prevent the windshield washer fluid from coming into contact with the light covers.
- Do not add coolant to the windshield washer fluid. Otherwise, it may damage the windshield washer system and paint.
- Please use windshield washer fluid exclusive for vehicles. Avoid impurities during refill to prevent clogging the windshield washer system.

1. Pull the handle under the driver's side of the instrument cluster twice to release the hood.



2. Lift the hood up.
3. Open the windshield washer fluid cap and add an appropriate amount of washer fluid.



Caution

When refilling windshield washer fluid, aim for the reservoir opening and pour slowly. If any fluid spills, promptly wipe it clean.

4. Close the cap of the washer fluid reservoir tightly.
5. When closing the hood, first lower it gently while holding it with your hand, then press down on the front center area of the hood to ensure it is fully closed.

Caution

- Do not close the hood forcefully or allow it to fall freely.
- Please add appropriate windshield washer fluid according to the outdoor temperature. In cold weather, please use washer fluid containing antifreeze to avoid reducing the visibility through the windshield.
- When using concentrated windshield washer fluid, please follow the manufacturer's instructions to dilute it with water.
- Do not add water to the ready-to-use windshield washer fluid, or it may cause the washer fluid to freeze and damage the washer fluid reservoir and other components of the windshield washer system.
- In very cold weather, it is recommended to add washer fluid to three-quarters of the reservoir to prevent the washer fluid from freezing and expanding, which can damage the washer fluid reservoir.
- Do not add formulated windshield washer fluid containing waterproofing agent or insect-stain removal washer fluid, or it may cause streaks, stains, or noises during wiping.

Coolant Refill

Warning

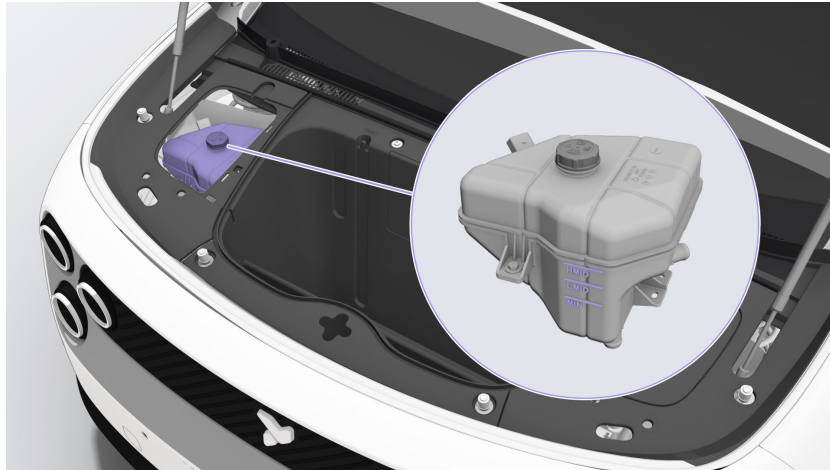
- To add coolant, open the hood first. Please contact the firefly service for assistance, so as to avoid injuries resulting from accidental contact with high-voltage components.
- Windshield washer fluid should not be added to the coolant, as this can damage the coolant system.
- Do not use coolant that is not recommended by firefly to avoid damaging the coolant system.

Coolant helps the vehicle powertrain system to run at a suitable temperature range. How to refill coolant:

1. Pull the handle under the driver's side of the instrument cluster twice to release the hood.



2. Lift the hood up. Remove the maintenance cover.
3. Open the cap of the coolant reservoir and refill an appropriate amount of coolant (between the LMID level and the HMID level).



4. Close the reservoir cap tightly.
5. When closing the hood, first lower it gently while holding it with your hand, then press down on the front end of the hood to ensure it is fully closed.

Caution

Do not close the hood forcefully or allow it to fall freely.

Brake Fluid Refill

Warning

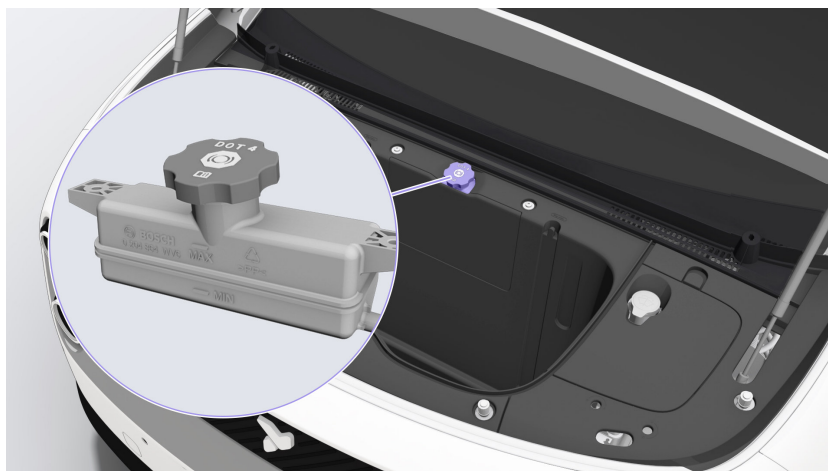
To add brake fluid, open the hood first. Please contact the firefly service for assistance, so as to avoid injuries resulting from accidental contact with high-voltage components.

Brake fluid is the medium that transmits brake pressure in the hydraulic brake system. How to add brake fluid:

1. Pull the handle under the driver's side of the instrument cluster twice to release the hood.



2. Lift the hood up. Remove the cover plate in front of the brake fluid reservoir.
3. Open the cap of the brake fluid reservoir and add an appropriate amount of brake fluid (between the MIN level and the MAX level).



4. Replace the cover plate and close the cap tightly.

5. When closing the hood, first lower it gently while holding it with your hand, then press down on the front end of the hood to ensure it is fully closed.

Caution

- Please note that after opening the brake fluid reservoir cap, it should be placed upward. Be careful not to contaminate the inside of the cap, and do not take out the filter inside the brake fluid reservoir.
- Do not close the hood forcefully or allow it to fall freely.

Tire Inspection and Maintenance

Do not drive on damaged, over-worn, or incorrectly inflated tires. For driving safety, please check the tires on a regular basis:

- Inspect the tires frequently for damage (punctures, cuts, tears, and bulges), and remove foreign matter embedded in the tire tread.
- A puncture will cause the tire to lose pressure, so it's important to check the tire pressure frequently. Repair or replace punctured or damaged tires as soon as possible. If you feel sudden shaking or bumps while driving, or suspect that the tires are damaged, slow down immediately while avoiding hard braking or sharp steering. After stopping safely, contact the firefly service for assistance immediately.
- If the tire valve dust cap is lost, please replace it as soon as possible.
- Keep the tires away from oil, grease or fuel.
- Always store wheels in a cool, dry and dark place.
- Do not store summer tires or park vehicles equipped with them in ambient temperatures below -15°C .

Check the tread pattern for wear marks on a regular basis, especially before and after long drives. If the tire is worn down to 1.6 mm or less, a wear mark will appear, traction on wet surfaces becomes critically reduced. Replace tires immediately to avoid accident risks.

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

- Damage such as cuts, splits, and cracks down to the carcass, and bulges that indicate inner ply damage.
- Frequently leaks, or irreparable damages.
- Punctures, bulges and damage to tire sidewalls.
- Deformation or aging of tires caused by long-term parking.

If you are unsure, please consult the firefly service.


Caution

If tires show uneven wear, it is recommended that you visit the firefly service for a wheel alignment check.

In order to reduce tire wear and prolong the service life of the tires, the tires should be cared for according to your driving habits and road conditions:


- New tires are in the running-in period during the first 500 km. Running in at a moderate speed and with a careful driving style will prolong the service life of the tires.
- Hard impacts of the tires against curbs or objects with sharp edges, such as rocks, or impacts against sharp edges can cause imperceptible tire or hub damage that will add up in the future. Depending on the severity of the impact, it may damage the rim flange.
- When equipped with non-firefly designated standard or optional tires, it may cause false alarms by TPMS. Please contact the firefly service to get the designated standard or optional tire model. Calibrate the tire pressure to the standard value when changing tires. Please refer to the "Tire Pressure Monitoring System".
- Turning too fast, over acceleration and hard braking will increase tire wear.
- Avoid road shoulders and potholes when driving. When passing a curb, keep the wheels perpendicular to the curb as much as possible, and drive slowly. When encountering larger potholes, speed bumps, or obstacles, please slow down and proceed with caution for your safety.
- You must perform a dynamic balancing check when replacing tires.
- If the vehicle cannot remain straight or keeps drifting while driving, please go to firefly service to check the wheel alignment parameters and adjust if necessary.
- Front tires typically wear less than rear tires. For rotation, swap front and rear tires on the same side. It is recommended to rotate tires every 10,000 km.

Tire Pressure Monitoring System



The vehicle is equipped with an indirect tire pressure monitoring system (iTPMS). This system uses ABS/ESP sensors to monitor the spectral signatures or rolling radius of each wheel. Once it detects abnormal tire pressure in one or more tires, the TPMS warning light  on the instrument cluster will turn on, indicating the location of the faulty tire, reminding you to safely stop as soon as possible, check the condition of the relevant tire, and inflate the tire to the correct pressure if necessary.


In the following cases, the circumference or vibration characteristics of a tire may change and cause a tire pressure alarm:

- Tire pressure too low
- Damaged tire structure
- Vehicle load on one side
- Excessive load on front/rear axle wheels (e.g. during trailer towing, mountain driving, or downhill descent)
- Installation of snow chains
- Spare wheel replacement
- Non-original wheels replacement
- Excessive changes in ambient temperature


You can go to the settings interface from  on the control panel and tap **My car** to view the vehicle model area of this interface. If tire pressure is too low or the TPMS malfunctions, the corresponding wheel on the vehicle model will auto-highlight and display specific fault information.

Common TPMS warning light  triggers include:

- TPMS warning light  lights up briefly and goes off: It means a system self-check at startup, indicating normal vehicle status.
- TPMS warning light  stays ON: It means the tire pressure of the vehicle is abnormal or leaking rapidly. Please immediately slow down, avoid aggressive steering/braking, and stop as soon as safely possible.
 - After stopping, inspect all wheels for external damage or foreign objects, and check each tire's pressure.

- If tire pressure can be restored or the correct tire can be installed onsite, execute **Tire pressure calibration** on the control panel, re-initialize the system and clear the alarm.
- If onsite repair is impossible but the leak is minor, drive cautiously at reduced speed to the closest firefly service.
- If the vehicle becomes undrivable, immediately contact firefly service for emergency assistance.
- TPMS warning light  flashes for 75 seconds and then stays ON: The TPMS malfunctions or is temporarily unavailable.
 - If the tire pressure is normal, you may drive smoothly on regular roads for several minutes with caution to verify TPMS recovery.
 - If unrecovered, safely park the vehicle, lock it, and wait several minutes before unlocking and restarting to complete the self-check cycle and check system recovery.
 - If the TPMS warning light keeps flashing and then stays ON after self-check, contact firefly service immediately.

Tire Pressure Calibration

After tire replacement or inflation to standard pressure, let the vehicle idle for 60 seconds or power it on again, then go to the settings interface from  on the control panel and tap **My car > Service > Tire pressure calibration** for TPMS reset.

After TPMS reset, the system alarm will clear, and the system will relearn pressure data during following low-speed driving.

The TPMS must be calibrated after the following changes:

- Adjusting the inflation pressure of one or more tires
- Replacing (rotating) any tire
- Performing wheel dynamic balancing
- Chassis technical modifications
- Replacing the brake control unit
- Ambient temperature changes exceeding 40°C since last calibration

Warning

- Different or low tire pressure may cause tire failure, loss of control of the vehicle, accidents and potentially result in injuries or fatalities.
- If the warning light turns on, reduce the speed immediately, avoid sharp turns and emergency braking, and stop nearby and check the tire pressure as soon as possible. Continuing driving can lead to breakdowns in road traffic, causing accidents and injuries.
- Do not ignore the warning lights and text messages. Stop immediately as soon as the road conditions allow and are safe.
- The driver is responsible for keeping all tires at the correct pressure at all times, and therefore must check tire pressure regularly, preferably before long journeys.
- The tire pressure must meet the requirements. Continuous high-speed driving with insufficient tire pressure will exacerbate the tire flexing or overheating, which may cause tread separation or tire burst.
- In certain driving scenarios, such as when driving aggressively, during cold seasons or in cold regions, or on roads that are not flat, the warning lights might not activate immediately or may not appear at all.

Caution

- Resetting TPMS is not a substitute for periodic maintenance of the tire, nor should it be used as an indication of the tire pressure during inflation. It is the driver's responsibility to ensure that the correct tire pressure is maintained at all times, even if the TPMS has not yet displayed a low tire pressure warning.
- After replacing a tire, if a false underpressure alert occurs, reset the TPMS first. If the alarm persists, contact the firefly service.
- TPMS is based on tire temperature and atmospheric temperature. At high altitudes or in cold regions, you may need to inflate the tires to a slightly higher pressure to clear the low tire pressure warning message.
- While driving with tire chains, TPMS may display an incorrect warning message or fail to provide an underpressure message.
- If one or more tires burst due to external influences, TPMS may not be able to alert in time.
- When equipped with non-firefly designated standard or optional tires, it may cause false alarms by TPMS. Please contact the firefly service to get the designated standard or optional tire model.

- Prolonged driving on uneven surfaces or aggressive driving may cause false alarms by TPMS.
- Failure to set the tire pressure calibration correctly (resetting the tire pressure is required after adjusting the tire pressure, changing the tire, replacing the shock absorber, etc.) can cause a false alarm by TPMS.
- TPMS may also stop working in the event of a failure of the electronic stability control system.

Brake Pad and Disc Inspection and Maintenance

The brake pedal should be stepped on occasionally during rainy or snowy days, so that the heat generated by friction can warm and dry the brake pads. Do the same when driving in extremely wet or cold weather.

After having your vehicle cleaned, dry the brakes for a short time to preserve the braking effect and prevent the brake discs from rusting.

Because the wear condition of brake pads and brake discs depends largely on your driving style and usage environments, it is impossible to determine the wear condition in terms of actual driving mileage.


This high performance braking system is used to achieve comprehensive and excellent braking effects at various vehicle speeds and temperatures. Therefore, in certain vehicle speed, braking force and environment conditions (such as temperature and humidity), the brake may make a sharp noise.

New or replaced brake pads and brake discs can provide the best braking effect after a "running-in" period of at least 500 km. During the running-in period, you need to depress the brake pedal harder to compensate for the reduced braking effect.

When starting slowly by releasing the brake pedal (especially on downhill roads), the brake position may make a "gurgling" sound. This is the sound of creeping motion produced when the drive torque and braking torque are approximately equal, which is a normal phenomenon.

After turning off the "Comfort stop" feature, at the moment of braking and stopping, the body's pitching motion may cause the brake position to make a "creaking" sound. This is the sound of creeping motion of the brake pads and brake disc at the moment of stopping, which is a normal phenomenon.

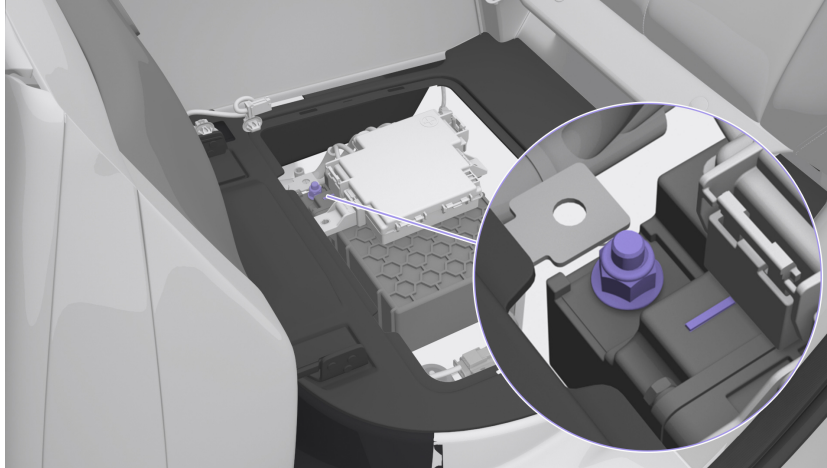
A/C Filter Inspection and Maintenance

After replacing the A/C filter, you can tap  by going to the comfort panel interface from the bottom of the control panel, and then choose **A/C filter > Reset** to reset the A/C filter indicator timer. This estimated service life is for reference only as the actual service life depends on the environment and other factors. Replace it when needed.

Make sure to keep the grille shutter of the A/C clear of any obstructions (such as leaves, snow, etc.) before driving.

Low-Voltage Battery Maintenance

The low-voltage battery is a 12V battery located in the rear left-hand under-seat cover that supplies 12V power for vehicle starting equipment and electrical equipment. Keeping the 12V battery fully charged will prolong its service life.



Caution

- If the 12V battery is severely depleted (after the vehicle has not been used for long), please contact the firefly service.
- When leaving the vehicle, be sure to turn off its electrical equipment (e.g. lights, multimedia devices, etc.) and try to keep the vehicle in a cool, dry place.

Caution

After the 12V battery is disconnected and reconnected, the automatic lifting and anti-pinch features of the windows will be temporarily unavailable. Please perform the window initialization procedure to resume normal operation.

High-voltage Battery Maintenance and Recycling

High-voltage Battery Maintenance

The high-voltage battery is a critical driving component of the vehicle. When utilizing it, please pay attention to the following:

- Do not expose the vehicle to a low temperature below -30°C or a high temperature above 55°C for an extended period of time to avoid the danger caused by damage to the performance of the high-voltage battery.
- To reduce the risk of accidental fires, avoid parking the vehicle near high temperatures or heat sources.
- The vehicle should be parked in a dry location, avoiding damp or watery parking spots.
- It is recommended not to stay in deep water (preferably not exceeding the high-voltage battery base plate) for a long time when the vehicle is wading, as it may cause damage to its high-voltage components.
- It is recommended to refrain from using high-power DC fast charging methods frequently in order to preserve the lifespan of the high-voltage battery.
- If the vehicle will be unused for an extended period, ensure that the high-voltage battery's charge level is above 50% (as indicated on the digital instrument cluster) and park it in a cool, dry place to preserve the battery life. It is recommended to check the battery level weekly and use the vehicle at least once a month.
- For proper charging, use equipment that complies with the charging specifications and adhere to the guidelines provided by the charger.
- To prevent harming the vehicle's chassis or high-voltage battery, be cautious when driving on uneven terrain, across gravel or over speed bumps. If you hear any sounds of impact or collision from the bottom of the vehicle, contact the firefly service immediately for a safety inspection of the chassis and high-voltage battery components.

Warning

- For information on remaining high-voltage battery and vehicle's remaining range, please consult the digital instrument cluster display; other display terminals (including but not limited to the firefly app, NIO Phone, Watch and other wearable devices) may not provide the most recent information and should only be used for reference purposes.

- High-voltage battery is a high-voltage component. To avoid injury, do not touch, move or disassemble it and its wiring.
- If the vehicle's remaining range is 0 km (as indicated by the digital instrument cluster display), be sure to charge the vehicle within 24 hours. In this case, the charging speed may be slow until the high-voltage battery is charged to 50% in order to restore the performance of the battery. Failure to charge the high-voltage battery within 72 hours may cause irreversible damage to the battery.

High-voltage Battery Recycling

Proper recycling is required for used high-voltage batteries. During vehicle maintenance and repair, high-voltage batteries meeting the following conditions are determined to be in need of recycling:

1. The capacity and condition of the high-voltage battery should be assessed during their maintenance and servicing at firefly service. For high-voltage batteries that are required to be recycled according to relevant laws and regulations, firefly takes primary responsibility and conducts recycling based on the current market conditions.
2. When high-voltage batteries are found to be unsuitable for continuous use but are still in acceptable condition, they go through minor repairs before being recycled for cascaded utilization.
3. If the high-voltage battery has experienced severe failures or damage where cascaded utilization is impossible, it will be recycled for regeneration.

Caution

Properly dispose of or discard the used high-voltage battery to avoid serious environmental pollution.

Vehicles, vehicle parts and batteries must be disposed of using authorized recycling companies. They must not be disposed of in general household waste or sent to landfill as this can cause severe environmental damage. Please see the firefly website for details.



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

The high-voltage battery recycling process involves collection and subsequent processing carried out by firefly or a third party recycling facility designated by firefly.

Exterior Cleaning and Maintenance

Regular washing and waxing can protect your vehicle from environmental damage. The frequency of washing and waxing depends on usage intensity, parking conditions (garage, under trees, or direct sunlight), and weather exposure.

Bird droppings, insect residues, tree sap, industrial dust, tar spots, cinders, and other deposits on painted surfaces or roof can cause damage to the paintwork/headlights/taillights, with accelerated corrosion under high-temperature sunlight. Weekly washing may be required under such conditions. When washing, please soak the dirt with enough water first and then remove it.

Before starting to wash the vehicle, please open the application center panel from the bottom of the control panel, and tap **lumo > Wash mode** to enable this mode, which helps reduce the chances of damaging vehicle components due to misoperation when washing the vehicle.

Warning

Do not wash the vehicle when it is charging.

Caution

- Before a car wash, you are strongly advised to enable Wash mode from the Control Panel, quickly close the windows with one touch, and disable the sensing function to avoid unnecessary losses.
- Before washing the vehicle, please manually close the charging/discharging port cover.
- When washing and waxing the vehicle, use special-purpose cleaning and maintenance products. Check that the products are not expired before use and be sure to store them out of reach of children after use.
- Any addition or modification to accessories on the vehicle will increase the risk of driving. The air intake grille and duct near the front bumper should not be obstructed in any form, as blockage may affect vehicle cooling and cause irreversible damage to the vehicle's thermal management system.

Manual Wash

When manually washing your vehicle, first use enough water to moisten the exterior surface of your vehicle and rinse off as much dirt as possible. Then, clean your vehicle carefully from the top down using a soft sponge, cloth, or soft brush.

If there is dirt that is difficult to remove, a cleaning agent can be used. If there is a lot of dirt on the sponge or cloth, replacing it with a new cleaning sponge is recommended. After cleaning your vehicle, rinse it thoroughly with water and wipe it clean with a towel. After the salt spraying period ends in winter, the bottom of your vehicle needs to be thoroughly washed.

To protect the environment, please wash your vehicle on a dedicated washing platform. If this equipment is not available, you need to choose a suitable place to wash your vehicle.

Note

- Do not wash the vehicle in direct sunlight as this may damage the surface of the paint, headlights, and taillights.
- When washing the vehicle with a hose in winter, do not aim directly at the outer handles, charge port, and seams around the doors. Otherwise, these parts may be frozen in place.
- Do not use coarse sponges and corrosive cleaning agents to wash the vehicle to avoid damaging the surface of the paint.
- Do not wash the vehicle with water above 60°C.
- Do not use a dry cloth or sponge to clean the lights. Use only water or soapy water.
- Alcohol-based or organic cleaning agents may damage the lights and cause them to crack. Make sure the lights are protected when cleaning or applying film on the vehicle.

Automatic Wash

Automatic car washes may be used, but their brush mechanisms, filtration systems, and detergent and maintenance agent formulations can affect the vehicle's paint finish. If the paint loses gloss or shows scratches after washing, immediately notify the equipment operator and replace car washing equipment if necessary.

Before automatic washing, ensure all windows and doors are closed, automatic wipers deactivated, and side mirrors folded. Additionally, notify the operator about roof racks or radio antennas.

Caution

- Before a car wash, you are strongly advised to enable Car wash mode from the Control Panel, quickly close the windows with one touch, and disable the sensing function to avoid unnecessary losses.
- Before washing the vehicle, please manually close the charging/discharging port cover.
- Before your vehicle undergoes a tunnel-type automatic car wash, please first enable the **Neutral (N) gear mode**, then enable the Car wash mode.
- Do not enable the **Wiper service mode** before using a contact-type car wash (with brush/foam).

High Pressure Wash

When using a high pressure washing machine to wash your vehicle, always follow the operating instructions, and maintain a sufficient distance between the spraying nozzle and the paintwork or soft materials (such as rubber hoses or sound insulation materials). Maintain a minimum 500 mm spray distance with pressure below 100 bar and water temperature under 60°C. Always spray perpendicular to surfaces to prevent component damage or water intrusion.

Do not use pinpoint or rotary nozzles, especially on tires, as even brief exposure at extended distances may cause damage.

Never use a high pressure washing machine to rinse your vehicle nameplate and the gaps at the edges and corners of the door glass.

Polishing and Waxing

A high quality wax layer can effectively protect your vehicle's paintwork from environmental influences and even prevent minor scratches. Apply premium hard wax immediately when water no longer beads uniformly on cleaned paint surfaces. With regular use of cleaning conditioners, apply hard wax at least twice a year for optimal paint protection.

Polishing is only necessary when the body paintwork has lost its gloss, and the waxing cannot restore its glossy appearance. Do not polish components coated with matte paint or plastic parts.

Wiper Blades

Wash in warm soapy water. Do not use cleaning agents derived from alcohol or petroleum products.

Windows and Side Mirrors

Clean the inner and outer surfaces of all the windows regularly with glass cleaning agents.

Clean the rear window interior with a soft cloth horizontally, never scrape the glass or use abrasive cleaners to prevent damage to heating elements.

Wash the side mirrors with soapy water. Do not use abrasive cleaners to avoid damaging the lens.

Plastic Parts

Plastic parts (such as the front bumper grille trim, liftgate trim, etc.) should be cleaned using conventional cleaning methods. If stains persist, only neutral detergents or plastic-specific cleaners can be used for cleaning, otherwise the plastic parts will be corroded.

Warning

Do not use cleaners containing ketones, aromatic hydrocarbons or other high-risk solvents (e.g. tar removers, carburetor cleaners, or engine degreasers) on plastic components.

Chromium-plated Parts

Chromium-plated parts can be cleaned with a damp cloth and then polished with a soft dry cloth. If the result is not good enough, use chrome polish uniformly across the entire surface for complete coverage. Do not clean and polish chrome-plated surfaces in dusty and sandy environments.

Wheels

Regular maintenance is essential to preserve the aesthetic appeal of aluminum alloy wheels over time. Thoroughly clean every two weeks to prevent corrosion from brake dust, road dirt, or salt deposits adhering to the aluminum alloy. After washing, treat the wheels with pH-neutral cleaner specifically formulated for aluminum alloy wheels. Apply hard wax to the wheels every three months. If the protective coating is damaged (e.g., by stone impacts), immediate repair is mandatory, never use automotive polish or similar finishing compounds.

Heavy dirt layers on the wheels can also lead to a wheel imbalance. This shows as wheel vibrations transmitted to the steering wheel, potentially causing premature wear in steering components in some cases. Therefore, wheels covered in dirt shall be cleaned regularly.

Radar Exteriors

Manually clean radar exteriors using a microfiber cloth moistened with water or pH-neutral cleaner.

In snowy or icy conditions, remove all snow and ice from radar surfaces before wiping with a microfiber cloth or air-drying.

When using a high pressure washing machine, never spray directly at radar exteriors to prevent damage.

Please be careful during maintenance to avoid contaminating or damaging sensors on the front/rear bumpers.

Do not apply metal-containing materials (e.g., metallic wraps, color-change films, or decorative trims) above the front license plate where radar sensors are located, as this will cause operational interference.

Radio Devices

When using your vehicle's radio device, comply with the laws and regulations applicable to your current location.

Do not park the vehicle in an area characterized by high electromagnetic interference, such as in the vicinity of a transformer.

The users of electronic medical equipment must consult with the equipment manufacturer to ascertain the potential impact of radio waves on its functionality. This is to ensure that radio waves do not have an unintended effect on the operation of the medical device.

Caution

Considering the problem of radio wave interference, any alteration to the wireless characteristics of the device, including software changes, replacement of the original antenna, or replacement of the original antenna with a new one, must be approved by the MOC.

Interior Cleaning and Maintenance

Regularly cleaning the interior of the vehicle with cleaning agents and care products will keep the interior polished and shiny. Before using cleaning products, please vacuum the interior of the vehicle.

Note

- Certain clothing susceptible to fading (such as dark jeans and sheep leather garments) may stain the interior fabrics. If this happens, you should clean and care for these fabrics as soon as possible.
- Do not use strong solvents such as cleaning fluids, gasoline, petroleum solvents, etc., as they may damage the fabric and other interior materials.
- Do not spray cleaning agents directly onto parts with electrical buttons and controls. Wipe these parts with a soft cloth moistened with cleaning agents.
- Sharp objects may damage the upholstery.

Interior Trims and Textile Fabrics

Interior trims and textile fabrics for the doors, trunk and roof must be cleaned with special cleaning agents, dry foam and soft brushes.

Leather Fabrics

For general dirt, use a slightly damp cotton or wool cloth or cloth to clean the surface of leather materials; for heavy oil stains, use a cloth dampened with a gentle soap solution. Do not fully soak leather materials, and prevent water from seeping inside through the stitching. Water stains on the leather surface should be wiped away with a soft dry cloth in time. Stains on the leather surface from ballpoint pens, ink, lipsticks, shoe polish, etc. should be removed as soon as possible. For cleaning Nappa leather, it is recommended to use a sponge made of 100% pure polyurethane foam.

It is recommended to treat leather materials with leather care products as infrequently as possible, up to twice a year for light-colored leather and up to once a year for dark-colored leather.

Note

- Do not use solvent-based cleaning agents to clean the instrument cluster, airbag cover or leather materials.

- Avoid exposing your vehicle to strong sunlight for extended periods to prevent discoloration of leather materials. If you need to park the vehicle outdoors for a long time, please cover the leather materials.
- Sharp objects on clothing, such as zipper buckles, rivets or sharp belts, may leave scratches on the surface of leather materials.
- Do not spray or apply formaldehyde cleaning agents on the leather surface, as it may leave difficult-to-remove white spots on the genuine leather.
- Refrain from drinking coffee and applying sunscreen in the vehicles with Nappa leather upholstery. If the Nappa leather upholstery is stained with coffee or sunscreen, promptly use mild soapy water to remove the stains.

Seat Belt Cleaning

Only clean dirty seat belts with a gentle soap solution. Do not remove seat belts from the vehicle. Dry seat belts completely before retracting them.

Protective Films

Color-Changing Film/Transparent Film

When installing a color-changing or transparent film, make sure to avoid the areas around the surround-view cameras, HD cameras, and millimeter-wave radars to prevent interference with the advanced driver assistance system features.

Side Window Film

Do not install the side window film too close to the edge of the window. Leave a small gap to prevent the curling caused by the lifting and lowering of the window.

Front Windshield Film

The original front windshield of firefly has good thermal insulation and ultraviolet blocking performance. We do not recommend to install non-original films on it.

If you still want to install a film, you should prevent installation liquid from seeping into the area below the instrument cluster. This will cause failure of electrical components inside the instrument cluster.

Rear Windshield Film

The original rear windshield of firefly has good thermal insulation and ultraviolet blocking performance. We do not recommend to install non-original films on it.

If you still want to install a film on the rear windshield, be sure to:

- Thoroughly remove water when applying the film to avoid causing excessive glare on the windshield at night.
- Prevent excessive installation liquid from seeping into the rear cover, which will cause short circuit in the audio system.

Caution

- Avoid the signal emission and reception areas when installing the film in order not to affect the normal operation of some systems.
- After the installation of the sunroof insulation protection film, avoid exposure to sunlight within 3 hours, and do not wash your vehicle or exceed 80 km/h while driving within 24 hours.
- Do not raise or lower the window or wipe the inside of the glass with force within 7-10 days after the installation of the side shield film.

- Do not activate the rear windshield defogging feature within 30 days after the installation of the rear windshield film.
- The rear windshield film may have an impact on the auto-dimming feature of the rearview mirror.
- Avoid scratching the film area with hard objects during daily use and when washing the vehicle.

Application of Antibacterial Product

Solvent Free PU

Solvent free PU synthetic leather with antibacterial properties through a functional layer based on Biomaster AT300 (active ingredient silver chloride CAS-Nr.7783-90-6) is used in automotive interior parts (e.g. seats, IP, door panel, CNSL) cladding: Antimicrobial product protection against gram-positive and gram-negative bacteria (e.g. Staphylococcus aureus and Escherichia coli according to GB/T 31402 or ISO 22196). No additional precautions need to be taken when the driver and passenger use the vehicle normally.

Steering Wheel Leather

Antibacterial Laedana[®] with surface antibacterial properties through a functional antibacterial layer based on silver adsorbed on silicon dioxide(nano)(active ingredient silver chloride CAS-Nr. 7783-90-6) is used in the steering wheel surface covered with artificial leather: Bacteriostatic and fungistatic surface disinfection properties against a multitude of gram-positive and gram-negative bacteria (e.g. Staphylococcus aureus and Escherichia coli according to GB/T 31402 or ISO 22196). Users can touch any part of the steering wheel surface wrapped with Antibacteria Laedana[®] without any negative effects on skin compatibility.

AutoSock

The vehicle is not equipped with autosocks, but they can be purchased and used separately. When using autosocks, please take note of the following:

- Inappropriate autosocks can damage the vehicle's tires, wheels, and brake system. Carefully inspect the specifications of the original tires and refer to the manufacturer's instructions for the appropriate use of autosocks. Autosocks are suitable for all four wheels of the vehicle.
- Autosocks are for use on icy or snowy roads only. When driving on dry roads (such as tarmac, concrete, dirt, etc.), please remove them immediately. Autosocks should be removed when the vehicle is parked.
- When the vehicle starts, snowy and icy particles on the ground may be thrown about due to the increased grip of autosocks, so people should avoid standing behind the vehicle.
- When using autosocks, there is no need to disable the vehicle-related electronic stability system.
- After installing autosocks, the driving speed of the vehicle should not exceed 50 km/h. At the same time, please avoid excessive operations such as sharp acceleration, sharp braking, sharp turns, etc., otherwise it is very likely to damage the autosocks.
- After installing autosocks, if there are abnormal noises during driving, please park the vehicle in a safe place and check whether the autosocks are installed correctly while ensuring the safety of personnel.
- When the black fibers underlying the road-contact white surface of the autosocks become exposed, please stop using them and replace with a new set of autosocks.
- Autosocks are not a direct substitute for winter tires.
- After use, dry the autosocks and place them in the original packaging in a dry place. Due to the ease of use of the material, autosocks can be washed at room temperature to keep the road contact fiber clean, but they cannot be ironed.

Seasonal Tires

Summer Tires

The vehicle is configured with summer tires. It is recommended to install winter tires for your vehicle when the ambient temperature is below 7°C. Extremely cold temperatures below -15 °C may cause permanent damage to summer tires.

The rubber material of summer tires will harden in low temperature environment, which may lead to the following situations:

- The tire grip is significantly reduced (affected on dry/slippery roads).
- The sensitivity of vehicle handling response decreases.
- Rolling noise may be heard for the first few kilometers.
- The impact resistance of the tire decreases.

Winter Tires

In low temperatures or on icy roads, it is recommended to use winter tires. Its unique tread design can enhance the traction performance on icy roads. To ensure driving safety while using winter tires, please note:

- Use winter tires of the same size, brand, structure, and tread pattern on all wheels to ensure safe handling characteristics.

Tire Size	Load Index
215/50 R18	92

- When equipped with non-firefly designated standard or optional tires, it may cause false alarms by TPMS. Please contact the firefly service to get the designated standard or optional tire model.
- Calibrate the tire pressure to the standard value when changing tires. Please refer to the "Tire Pressure Monitoring System".
- It is recommended to check the tire system before winter each year.

Caution

- Exceeding the maximum speed rating of the tires will damage them. This may cause the tires to burst. Always adhere to the maximum speed rating of the tires.

- Winter tires with a tread depth of less than 4 mm must be replaced immediately. These tires are no longer suitable for winter use as they lack sufficient traction. This may cause you to lose control of the vehicle and result in an accident.

Tire Chains

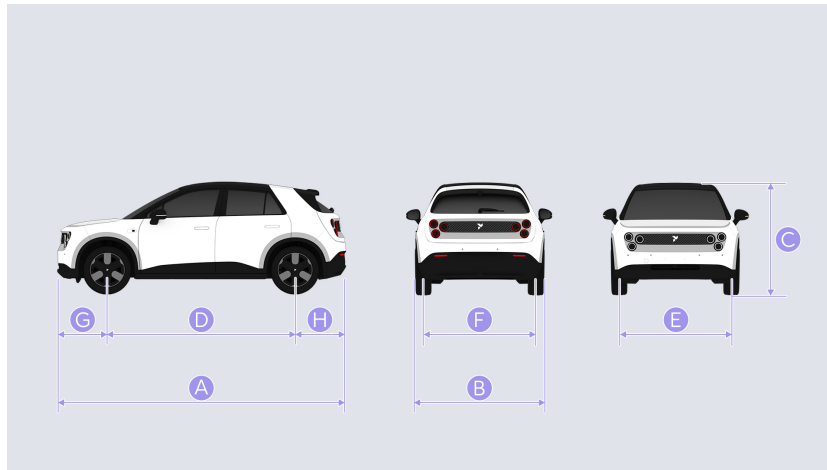
The vehicle is not equipped with tire chains, but they can be purchased and used separately. When using tire chains, please take note of the following:

- Inappropriate tire chains can damage the vehicle's tires, wheels, and brake system. Carefully inspect the specifications of the original tires and refer to the manufacturer's instructions for the appropriate use of the tire chains. Only the rear tires of the original tires are suitable for tire chains with a thickness ≤ 9 mm.
- The driving speed must not exceed 50 km/h or the lower speed limit specified by the tire chain manufacturer.
- Drive with caution, avoiding road obstacles, potholes, sharp turns, or wheel lock-up, as these factors may adversely affect the vehicle.
- To prevent tire damage and excessive wear on the tire chains, they must be removed when driving on non-snow-covered roads.

Caution

- If the vehicle is equipped with wheel covers, they must be removed before installing the tire chains, see "Tire Replacement" .
- The use of tire chains with a thickness exceeding 9 mm, or the use of tire chains on tires of other specifications, may damage the relevant systems of the vehicle.
- Do not use tire chains on front tires.
- Do not install the chains by deflating the tires. When re-inflating, the chains may be installed too tightly, causing tire damage.
- Ensure that the tire chains do not touch the vehicle's suspension components or brake lines. If you hear abnormal noise from the tire chains, stop immediately to check.
- When driving with tire chains installed, the tire pressure monitoring system may display erroneous warning messages or miss low tire pressure warning, and the tire pressure needs to be calibrated to the standard value synchronously. Please refer to the "Tire Pressure Monitoring System".

Vehicle Parameters



Item	Parameters
Length A (mm)	4003
Width B (mm) (no side mirrors)	1781
Height C (mm)	1557
Wheelbase D (mm)	2615
Front track E (mm)	1533
Rear track F (mm)	1540
Front suspension G (mm)	680
Rear suspension H (mm)	708
Minimum ground clearance (mm)	142
Drive mode	4×2
Maximum vehicle speed (km/h)	150
Maximum gradeability	30%
Approach angle (°)	22
Departure angle (°)	26
Number of seats	5

Mass Parameters

Item		Parameters
Sales Versions		Main
Mass of vehicle with bodywork in running order (including coolant, oils, fuel, tools, spare wheel and driver) (kg)		1542
Distribution of this mass among the axles (kg)	Front Axle:	746
	Rear Axle:	796
Technically permissible maximum laden mass stated by the manufacturer (kg)		1858
Distribution of this mass among the axles (kg)	Front Axle:	821
	Rear Axle:	1037
Technically permissible maximum mass on each axle (kg)	Front Axle:	821
	Rear Axle:	1037

Motor Parameters

Item	Parameters
Drive motor type	Three-phase permanent magnet synchronous motor
Drive motor model	TZ160S010
Drive motor rated power/torque/ operating speed (kW/N·m/r/min)	30/75/4000
Drive motor peak power/torque/ operating speed (kW/N·m/r/min)	105/205/15500

Brake Specifications

Item	Parameters	
Thickness of brake pad (mm)	Front	Rear
	New: 9 Usage limits: 3	New: 8 Usage limits: 2
Thickness of brake disc (mm)	Front	Rear
	New: 26 Usage limits: 24	New: 12 Usage limits: 11

Wheel and Tire Specifications

Item	Parameters
Specifications	215/50R18 92T
Tire pressure (bar)	2.5
Front camber angle	$-0.33^{\circ} \pm 0.67^{\circ}$
Front toe angle (individual)	$0.08^{\circ} \pm 0.05^{\circ}$
Front caster angle	$5.53^{\circ} \pm 0.5^{\circ}$
Rear camber angle	$-0.74^{\circ} \pm 0.5^{\circ}$
Rear toe angle (individual)	$0.17^{\circ} \pm 0.08^{\circ}$
Lug nut torque (N·m)	130

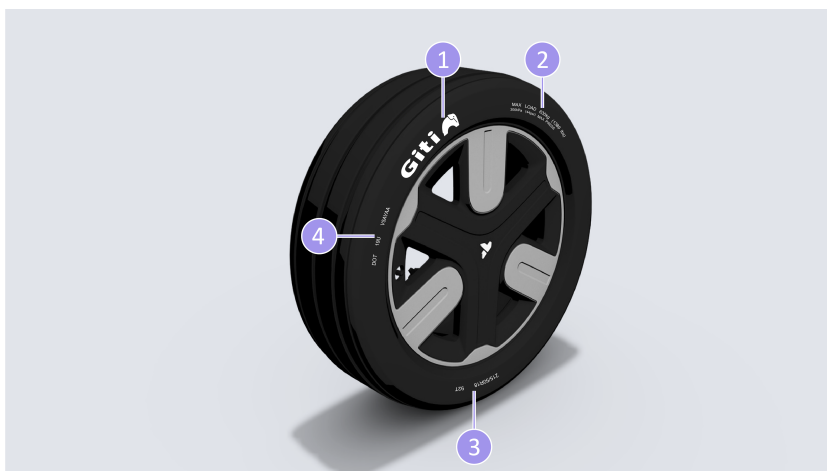
Note: Tire specifications are subject to the actual vehicle configuration.

Caution

To ensure driving safety, it is recommended to replace the lug nuts after removing and installing them 20 times.

Tire Markings

The tire sidewalls are marked with all tire-related signs and features.



1. Tire Brand
Tire brands are as configured on the actual vehicle.

2. Maximum tire load and maximum inflation pressure allowed (not for normal driving)
3. Tire Specifications

For example: 215/50R18 indicates a nominal tire section width of 215 mm, an aspect ratio of 50, where R denotes the radial construction of the tire, and a wheel diameter of 18 inches.

The load index indicates the tire's load capacity, while the speed symbol denotes the maximum sustained speed rating:

Load Index	Load Capacity (kg)	Load Index	Load Capacity (kg)
92	630	101	825
93	650	102	850
94	670	103	875
95	690	104	900
96	710	105	925
97	730	106	950
98	750	107	975
99	775	108	1000
100	800	109	1030

Speed Symbol	Maximum Service Speed (km/h)	Speed Symbol	Maximum Service Speed (km/h)
P	150	U	200
Q	160	H	210
R	170	V	240
S	180	W	270

T	190	Y	300
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4. DOT Tire Identification Number

The number starting with "DOT" consists of three parts: the first 3 digits/letters indicate the manufacturer's plant code, the following 6 digits/letters specify the tire specifications, tread pattern and brand, while the last 4 digits represent the year and week of production. For example, 1721 represents the 17th week of 2021. This information is used to contact consumers when tire defects require recalls.

High-voltage Battery Parameters

Item		Parameters
High-voltage battery cell	Type	Lithium iron phosphate battery
	Rated voltage (V)	3.2
	Rated capacity (Ah)	116
High-voltage battery pack system	Rated voltage (V)	358.4
	Rated capacity (Ah)	117.5
	L x W x H (mm)	1498x1244x128
	Number of cells in battery pack	112
	Weight of battery pack (kg)	314

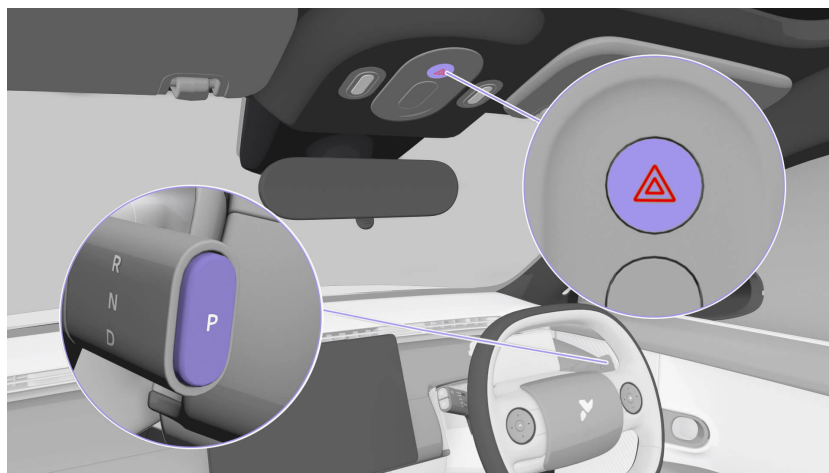
Recommended Fluids and Capacities

Item	Specifications	Quantity
Brake fluid	DOT4	0.75L
Coolant	-40 °C low conductivity coolant	8.1L
Refrigerant	R-1234yf (Tetrafluoropropylene)*	400±20g
Windshield washer fluid	Ethanol-based, freezing point < -30°C	2.96L
Gearbox oil	Castrol BOT350M3	0.8L

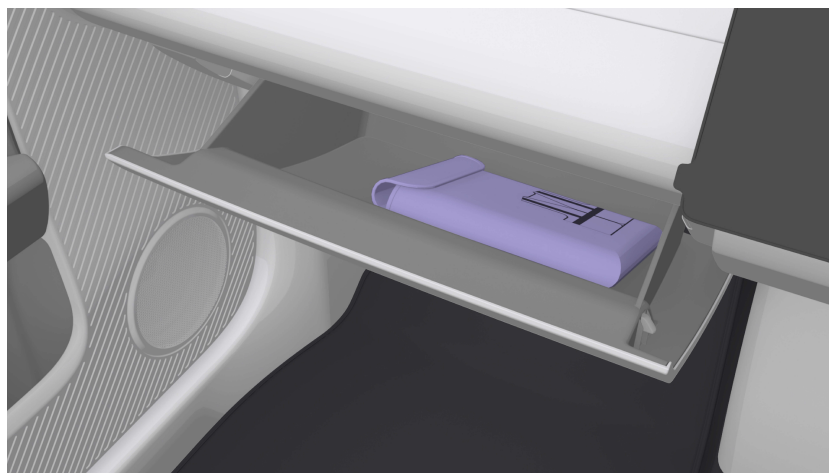
Note*: Before adding refrigerant, please carefully check the A/C refrigerant label to ensure that the type matches the vehicle's requirements. Never mix different types of refrigerants.

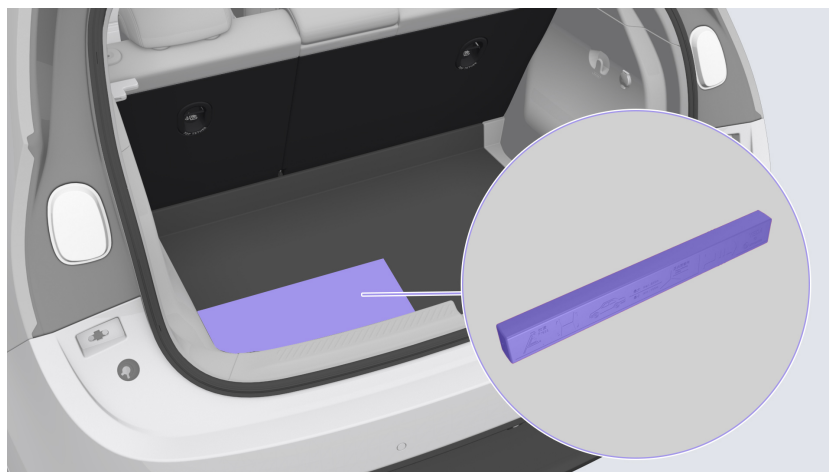
Set Up Warning Signs

In the event of an emergency, drive the vehicle to a safe area while ensuring safety, then press the brake pedal to stop the vehicle; put the vehicle in park (P), and turn on the hazard warning lights on the roof to alert other drivers and passersby.

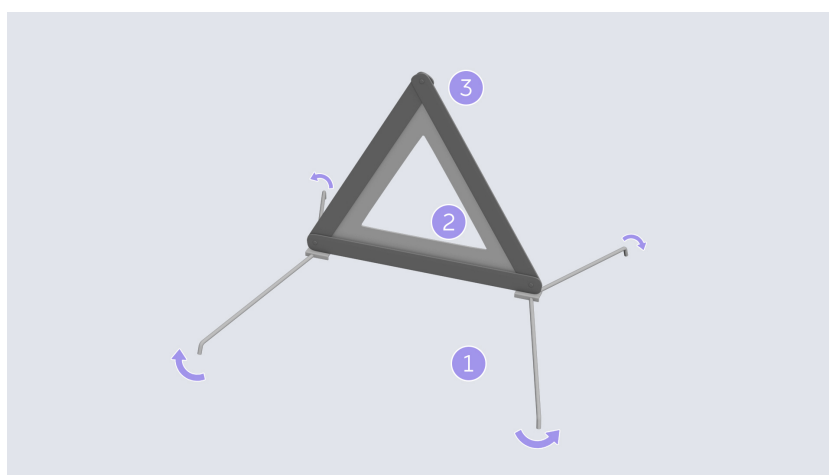


Open the glove box on the passenger side to take out the reflective vest and put it on. Then open the cover under the trunk storage space, where you can see the vehicle tool box. Take out the triangle warning sign and place it at a sufficient distance behind the vehicle.





How to assemble the warning triangle:



1. Unfold the bracket of the triangle.
2. Unfold the sides of the triangle.
3. Fasten the snap button on the top of the triangle.

Caution

Please be careful and avoid scratches when opening the brackets.

Emergency Unlocking from the Outside

12V Battery Exhausted

If the vehicle cannot be unlocked and started properly due to a depleted or faulty of the 12V battery, please contact the firefly service immediately.

Caution

- When the 12V battery of the vehicle is depleted, do not connect external power supplies to charge the 12V battery so as to avoid damaging it. If the 12V battery has lost power and requires professional use of specialized tools, please contact the firefly service.
- Do not jump-start this vehicle or other vehicles on your own to avoid damaging the 12V battery.

Note

Under normal circumstances, the vehicle charges the 12V battery through the high-voltage battery. When the vehicle is started after being left unused for a certain period of time, it is normal for the digital instrument cluster display to show a lower range.

12V Battery Wake-up Protection

When the 12V battery power falls below a certain level, it will stop discharging and retain some residual power to support the next power-on. The 12V battery will then enter a low-battery protection mode. In this case, you may not be able to unlock the vehicle with the conventional exterior unlocking methods, and the 12V battery can be waken up to supply power by pressing the liftgate opening button continuously (hold for 10 seconds then release).

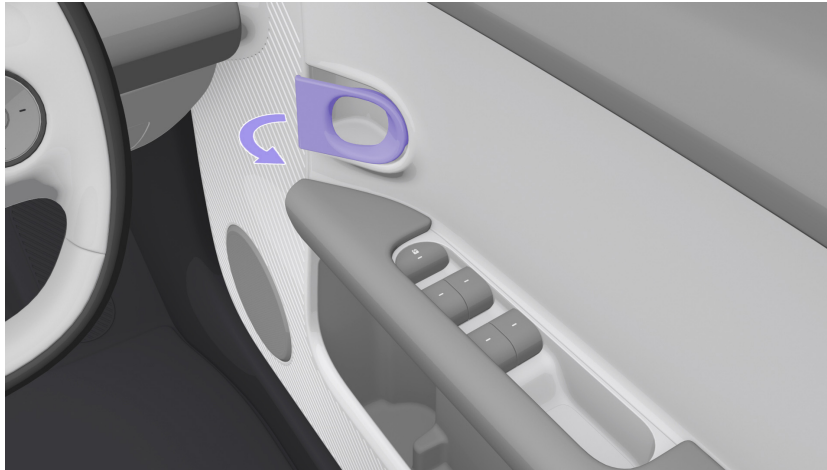
Press the liftgate opening button again, and the vehicle taillights will remain on for 2 seconds to remind you that the vehicle's low-voltage system has been powered on, the headlights will flash, indicating that the vehicle's power supply is successful. You can unlock the vehicle by performing the normal exterior unlocking operation and open the driver's door. If the vehicle features return to normal at this time, the high-voltage battery will recharge the 12V battery.

Caution

If the 12V battery is awakened to supply power, but vehicle functions remain faulty and prevent the 12V battery from recharging, the vehicle will turn into the power-

off mode again after 2 minutes. Please contact the firefly service immediately to avoid repeated attempts to wake up the 12V battery, which will reduce its life or even damage the battery.

Emergency Unlocking from the Inside

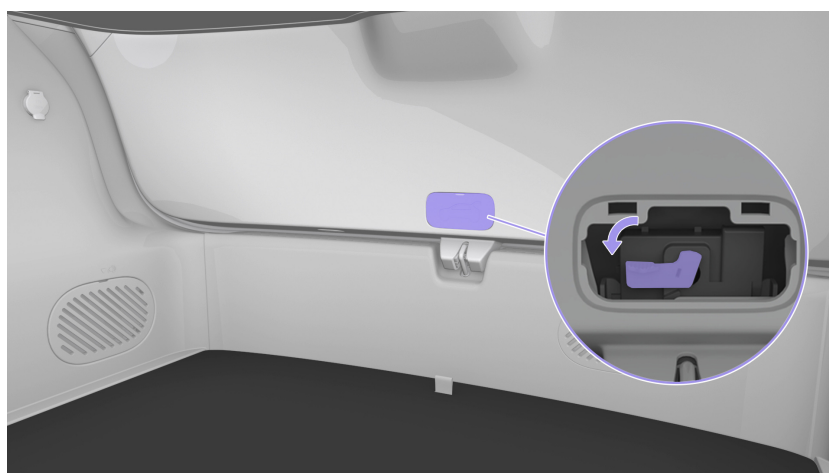


You can pull the inner door handle to unlock or open the door. Pull once in the unlocked state and twice in the locked state. After the door slightly pops open, push the door outward to open it.

Caution

- When the child lock is activated, do not leave children alone in the vehicle to avoid accidental injury.
- When activating the child lock, it is necessary to confirm the activating status to prevent activating failure.
- After the child lock of the rear door is locked, the rear door cannot be opened through the inner handle, and can only be opened from outside through the outer handle. After opening the rear door, slide the knob in the opposite direction to unlock the child lock, and the corresponding side inner handle will return to normal function.

Emergency Opening of Liftgate



You can use the removal hook from the vehicle tools to remove the square block above the latch from the inside of the trunk, and then use your finger to toggle the button inside the hole to open the liftgate.

Emergency Evacuation

In case of danger or emergency, evacuate the vehicle immediately and call for assistance while ensuring your personal safety.

Collision Accidents

If your vehicle is involved in a severe collision accident and you can safely exit the vehicle, please leave the vehicle promptly and move to a safe area to avoid secondary injury.

Vehicle Fire or Abnormal Temperature

If your vehicle is smoking, on fire or experiencing any other emergency situation, quickly evacuate the vehicle and move to a safe area to ensure your personal safety.

If your vehicle's control panel shows warnings about abnormal vehicle or high-voltage battery issues, please stop the vehicle safely, ensuring you're in a safe driving condition. Quickly exit the vehicle and move to a safe location to ensure your personal safety.

Vehicle Submerged in Water

If your vehicle gets trapped in a heavily flooded area, such as an underpass or a low-lying road, promptly evacuate the vehicle and move to a safe area to ensure your personal safety.

Severe Vehicle Breakdown

If your vehicle experiences a severe breakdown during driving or if the control panel indicates a serious vehicle malfunction, please ensure your safety while parking the vehicle. Then, quickly exit the vehicle and call for assistance.

Other

Other scenarios where it is necessary to evacuate the vehicle promptly.

Tire Inflation

Warning

Driving with tire pressure that is too low or high can cause accidents and result in personal injury.

Excessively high or low tire pressure can cause uneven tire wear, affect handling, and increase the vehicle's energy consumption. To ensure driving safety, please check the tire pressure at least once a month and before long-distance driving. When checking the tire pressure, make sure it is the cold tire pressure (the tire temperature should be the same as the ambient temperature, or the tire should be cooled off for 3 hours after driving). The recommended cold tire pressure is marked on the door frame of the driver side. If hot tire is measured, the tire pressure is generally about 0.3 bar higher than that of cold tires.



The tires can be inflated using an air pump:

1. Park the vehicle on a safe road, put on your reflective vest and place a warning triangle.
2. Take out the air hose at the bottom of the air pump and connect it to the tire valve.
3. Take out the power plug of the air pump and connect it to the 12V power supply of the vehicle.
4. Make sure that the vehicle is powered on, turn on the power switch of the air pump, and start to inflate the tires. When the tire pressure reaches the recommended level on the tire pressure label, manually turn off the power of the air pump and disconnect it from the vehicle's power supply.
5. After inflation is complete, disconnect the air hose from the tire valve, and put everything away.

6. After inflation, calibrate the tire pressure to the standard value synchronously. Please refer to the "Tire Pressure Monitoring System".

Tire Repair

Warning

- If you continue to drive with a punctured tire, the tire may burst and cause injury.
- Keep tire sealant away from skin and eyes. Keep it out of reach of children. Sparks, open flames, and smoking are prohibited when using tire sealant.
- If tire sealant comes into contact with the skin or eyes, rinse the affected area immediately and thoroughly with plenty of water. Take off the polluted clothing immediately. In case of an allergic reaction, seek immediate medical attention. If tire sealant is swallowed, rinse your mouth immediately and thoroughly and drink plenty of water. Do not induce vomiting.

Caution

- Before using tire sealant, please check the expiration date indicated on the container to ensure it is within the expiration date.
- When the puncture diameter is less than 6 mm, it is recommended to remove the object and repair the tire. If the puncture diameter is greater than 6 mm or if the tire is severely damaged, please contact the firefly service promptly for tire replacement. Do not continue driving in such cases.
- If you do not remove the object and repair the tire, the tire may produce abnormal noises during vehicle running, and it may even result in air leakage during long-distance driving.

Note

- Please attempt to locate the puncture at the top of the tire when repairing it.
- Only the tire's tread area can be repaired with tire sealant.

Park the vehicle on a flat and solid road surface and put it in park (P), stay away from busy and congested roads, then put on your reflective vest and place the warning triangle, turn on the hazard warning lights, and use the tire sealant and air pump from the vehicle tools to repair the tire:

1. Park the vehicle on a safe road, and place the warning triangle.
2. Open the vehicle tool cover in the trunk, and take out the tire sealant canister and air pump.

3. Stick the speed limit sign on the tire sealant canister onto the steering wheel to remind yourself not to exceed 80 km/h when driving.
4. Connect the tire sealant canister to the wheel, remove the tire valve dust cap, and connect the filling tube to the tire valve.
5. Take out the power plug of the air pump and connect it to the 12V power supply of the vehicle.
6. Make sure the vehicle is powered on, turn on the tire inflator and start to inject tire sealant into the tire. Observe the pressure gauge, and turn it off when the pointer reaches ≥ 2.2 bar (which will take around 5 to 10 minutes). Turn off the tire inflator and disconnect the power plug from the 12V power supply.

Note

When the air pump is working, the tire pressure pointer may briefly indicate the maximum value of 6 bar, and then return to indicate the correct pressure.

7. Disconnect the inflation tube from the tire valve, and stow everything away.
8. Drive for 3 to 10 km (around 5 to 10 minutes) at a speed not higher than 80 km/h, so that the tire sealant can be evenly spread inside the tire and block the puncture hole.
9. Park the vehicle on a safe road, set up the warning triangle, and check the tire pressure readings on the control panel. Continue driving if the tire pressure is ≥ 2.2 bar. Inflate the tire to ≥ 2.2 bar if the tire is under-inflated and drive the vehicle at a speed no higher than 80 km/h for 3 to 10 km (or around 5 to 10 minutes). Check the tire pressure again. If the tire pressure is still below 2.2 bar which means the tire is severely damaged or the tire sealant cannot seal the tire, park the vehicle in a safe place and contact firefly immediately.

Caution

- If the tire pressure cannot reach the designated range within 12 minutes during the tire repair process, this indicates severe damage. Please park your vehicle safely and call for assistance.
- Repairing with tire sealant is only for temporary emergency processing. After repairing the tire, you can continue driving for up to 200 km or 3 days. Please go to the nearest workshop as soon as possible to have the tire repaired and the tire sealant wiped dry.
- Please contact firefly service to replace the air pump hose assembly after repairing the tire with tire sealant.

Tire Replacement

When a severe air leakage prevents you from continuing driving, park the vehicle on a flat and solid road surface and put it in park (P), stay away from congested roads, then put on your reflective vest and place the warning triangle, turn on the hazard warning lights, and then contact firefly service for tire replacement.

Warning

- When replacing tires, you should choose new tires of the same size, brand, structure, and tread pattern as the original car tires. Using tires with different specifications may affect the maneuverability of the vehicle and result in loss of control.
- Replace tires that are over six years old, even if the tread depth is greater than the minimum.
- When installing asymmetrical tires, make sure the new tires are correctly installed on the wheel rim with the side of the tire facing outwards, the side of the tire is marked with the word "OUTSIDE".
- Do not lift the vehicle when there are people inside.
- Do not use a jack to lift the vehicle on a sloped road or when the surface of the ground is inclined to either side.
- Only lift from the jacking points on the bottom of the vehicle.
- When using a jack to lift a vehicle, do not place any objects on or under the jack.
- When using a jack to lift the vehicle for tire replacement, do not go underneath the lifted vehicle as this may result in injury.
- The jack is only to be used to lift the vehicle for tire replacement.

Note

Some models are equipped with hubcaps on the outer side of the wheels, which can effectively reduce wind resistance and energy consumption, while also protecting the wheels and axle heads. Please do not remove them unless necessary.

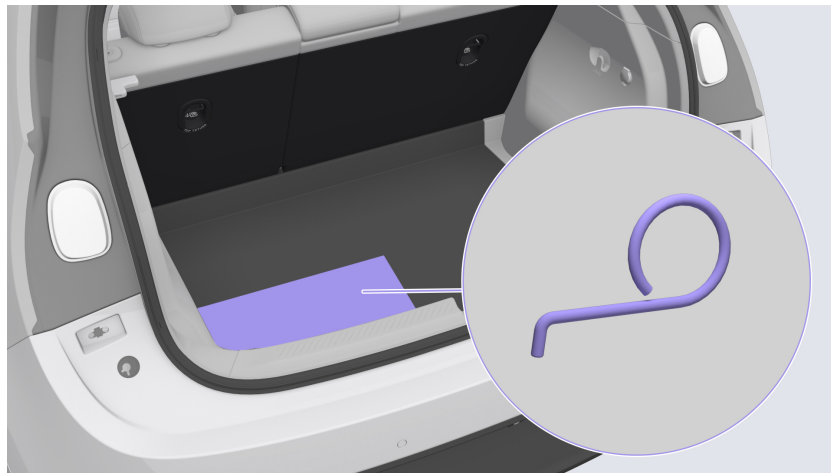
How to replace the tire:

1. Have a jack and a spare tire of the right specification ready for the tire replacement.

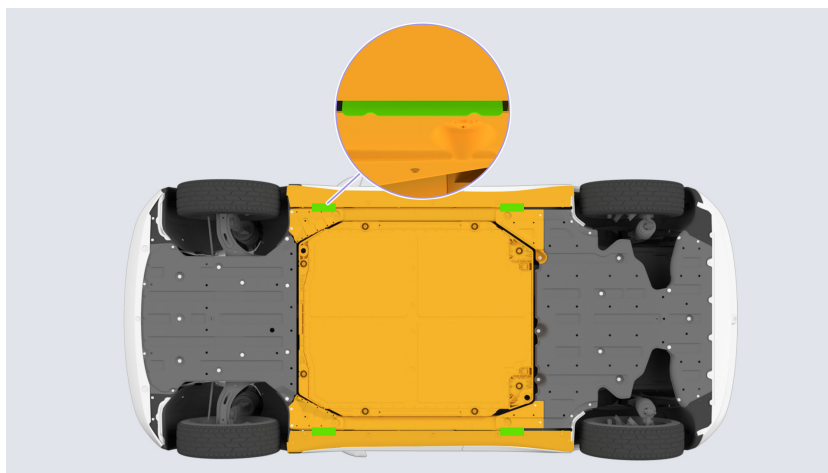
Caution

When replacing tires, it is recommended to replace the valve at the same time (it must be the original model).

2. Place a block in front of the tire diagonally to the flat tire to prevent the vehicle from sliding.
3. Remove the hubcap:
 - For low-drag hubcaps, grip firmly with both hands and pull outward, then use a wheel wrench to loosen lug nuts counterclockwise.
 - For center hub or nut covers, use the provided removal hook to detach them before loosening lug nuts counterclockwise with a wheel wrench.



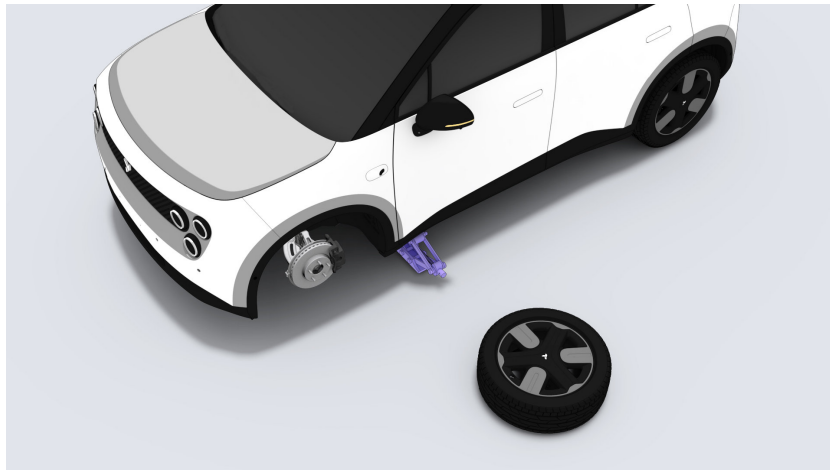
4. Place the jack below the correct jacking spot on the vehicle.



Warning

Make sure to place the jack on the correct jacking points. Failure to use the correct jacking points can damage the vehicle or cause the vehicle to slip off the jack, resulting in personal injury.

5. Jack the vehicle up to a tire changing height. As the jack touches the vehicle and jacks it up, double check to make sure that the jack is in the correct position.



6. Remove the lug nuts and replace the tire. When installing the wheel, ensure nuts align with studs and fully seat on conical surfaces. Tighten diagonally in stages using clockwise torque.
7. After installing lug nuts, lower the vehicle with the jack and tighten nuts diagonally in a clockwise pattern. Finally, torque all nuts to specification using a torque wrench.
8. Check the tire pressure after the tire is replaced, inflate to the specified tire pressure if necessary, then install the tire valve cap.
9. Install the hubcap:
 - For low-drag hubcaps, align the valve stem hole with the wheel's, then press firmly along the clips' perimeter until fully seated before securing the center section.
 - For center hubcaps, align the locating pins with wheel slots and press firmly the hubcaps until achieving full engagement.
 - For small hub and nut covers, align each precisely and apply firm pressure until achieving complete installation.

Warning

Ensure wheel hubcaps are securely fastened before driving to prevent detachment.

10. Put the tools, jack and the flat tires away in a secure manner.
11. When equipped with non-firefly designated standard or optional tires, it may cause false alarms by TPMS. Please contact the firefly service to get the designated standard or optional tire model. When changing tires, calibrate the tire pressure to the standard value at the same time. Please refer to the "Tire Pressure Monitoring System".

First Aid Kit

Your car is equipped with a first aid kit located in the glove box. The first aid kit contains the necessary medical supplies for emergency situations. For specific instructions on how to use the items, please refer to the instruction manual included in the kit.

The first aid kit is **valid for 5 years**. After the expiration, please contact firefly service to purchase a new one.

Protective Equipment for Rescue Operations

The vehicle's powertrain is driven by a high-voltage battery. In the event of a serious collision, leakage of high-voltage power or high-voltage battery electrolyte may occur. Therefore, rescue operations for the vehicle should be carried out by professional rescuers who wear the appropriate protective equipment to ensure personal safety.

Warning

When operating the vehicle, make sure that you are not wearing any metal objects (such as necklaces and watches) to avoid injury from electric shock.

Electrical Protection

Please wear the following protective equipment to avoid injury from high-voltage electric shock:





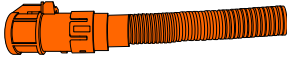
- Insulated rubber gloves (be able to insulate against voltage above 1000V)
- Goggles
- Insulated rubber boots
- Tools with insulated protective covers


Chemical Protection

In the event of or potential risk of high-voltage battery or battery electrolyte leakage, please wear the following protective equipment to prevent injury to your skin and face:

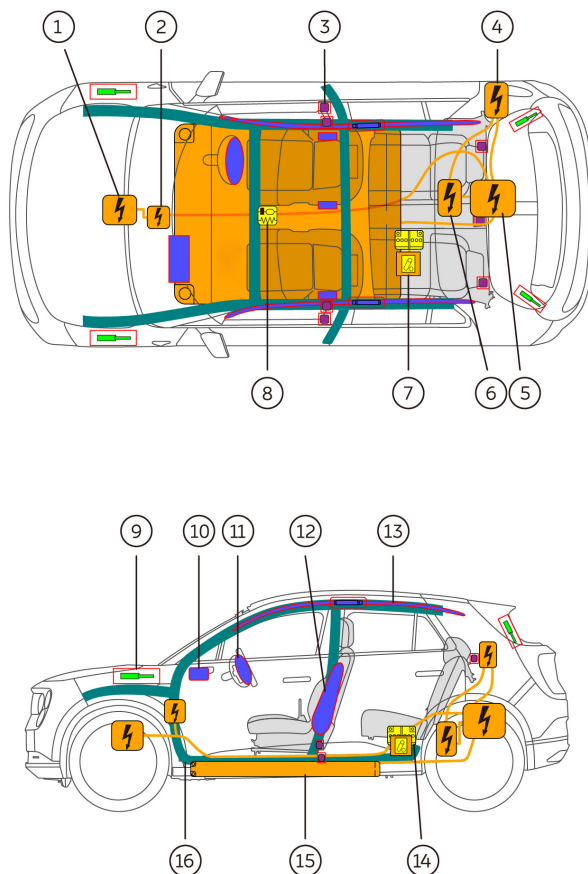
- Protective face shield
- Solvent resistant gloves

Warning Sign Information

No.	Title	Diagram	Description
1	High Voltage Warning Sign		Do not touch high voltage components. Dangerous!
2	High Voltage Component Warning Sign 1		High voltage components - Danger! Do not touch high voltage components without wearing protective gear. Beware of electric shock!
3	High Voltage Component Warning Sign 2		High voltage components - Danger! Do not touch high voltage components without wearing protective gear. Beware of electric shock and scald!
4	High-voltage Battery Warning Sign		Precautions for the use of high-voltage batteries.
5	High Voltage Cable Sign		All high voltage components of the vehicle are connected with orange high voltage cables. Do not touch high voltage components without wearing protective gear!

6	Mutual compatibility identifiers used for charging the car		<p>Mutual compatibility identifiers to guide you charging the car are found in the car's charge port. When selecting the charging gun, you must make sure the identifier on the charging gun equals one of the identifiers found in the car's charge port, either C, K or L. Voltage ranges related to those identifiers are as follows:</p> <ul style="list-style-type: none">• C: AC \leq 480 V• K: DC 50 V to 500 V• L: DC 200 V to 920 V
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Emergency Rescue Information



1. A/C compressor
2. A/C HV electric heater
3. Seat belt pre-tensioners
4. Charge port
5. Drive motor
6. In-vehicle charging module
7. Emergency high-voltage cut-off plug
8. Airbag control unit
9. Gas springs
10. Front passenger instrument cluster airbag

11. Steering wheel airbag
12. Seat side airbag
13. Curtain airbags
14. 12V battery
15. High-voltage battery
16. Structural reinforcement

High-voltage Battery

The vehicle is equipped with a lithium-ion high-voltage battery. Be sure not to damage the high-voltage battery when lifting the vehicle. Take extra care not to break the battery's bottom plate when using rescue tools.

Warning

- Before repairing, disassembling, and installing high-voltage components, it is necessary to disconnect the high-voltage power and confirm that the emergency high-voltage cut-off plug and the 12V battery power supply are disconnected. After disconnecting the power, your vehicle should stand still for more than 5 minutes.
- Personnel without proper qualifications are prohibited from operating high-voltage components. Operators must wear appropriate insulated protective gear, such as compliant insulated gloves, and must not carry or wear any metal items.

Drive Motor

The electric drive system is responsible for the power output of the vehicle, which can convert the DC energy of the high-voltage battery into mechanical torque in a controllable way, and transmit it to the wheels to drive the vehicle. In addition, in the braking state, the electric drive system can also regenerate braking energy to charge the high-voltage battery. The vehicle's rear electric drive system is installed on the rear sub-frame.

12V Battery

The vehicle's low-voltage battery is a 12V battery. The 12V battery powers airbag, windows, locks, touchscreens and lighting systems, etc.

Airbags

The vehicle airbag system includes frontal airbags and side airbags. The frontal airbags include the front row head airbags, which are located inside the trim cover of the steering wheel and at the instrument cluster on the front passenger side respectively; the side airbags include front side airbags (located on both sides of the driver seat, and the outer side of the passenger seat), and curtain airbags (located above the doors on both sides, in the roof area from A-pillar to C-pillar, where there are curtain airbag gas cylinders inside). The word "AIRBAG" is marked on the places where the airbags are placed to remind you of their locations.

Warning

- Airbags will remain electrically charged for a certain period of time after deployment. It is forbidden to touch airbag components immediately after airbag deployment to avoid personal injury.
- It is forbidden for rescue personnel to cut curtain airbag gas cylinders, as this may cause personal injury.

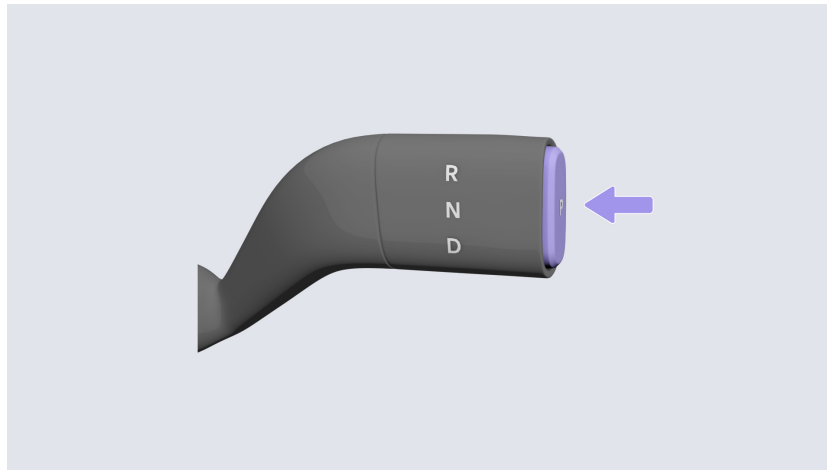
Seat Belt Pre-tensioners

There are seat belt pre-tensioners for the front seats and rear outboard seats of the vehicle. The pre-tensioner provides a certain pretension force for the seat belt in the event of a serious collision. They retract part of the seat belt quickly to protect passengers reliably. At the same time, they prevent excessive restraint force of the seat belts that could cause injury to passengers.

Cut off the High-voltage Circuit

Disable High-voltage System in Emergencies

With the vehicle powered on and stationary (not connected to charging/discharging equipment), long press (about 5 seconds) the park (P) button until the control panel shows a "High voltage power will disconnect soon" countdown, after which the high-voltage system will be turned off.



Caution

- Avoid frequent operation of this feature as it may compromise the service life of the vehicle's high-voltage system.
- After the high-voltage system is powered down, the 12V battery may experience a power loss. When the 12V battery is low on power, the vehicle's low-voltage system will also power down.

After high-voltage system shutdown, you can power on the vehicle again by either pressing the brake pedal or tapping **Reboot power>Restore** on the control panel.

Cut off the High-voltage Circuit

Warning

High-voltage circuit should be cut off by professional rescue personnel wearing the correct protective equipment. Do not touch the high-voltage components directly to avoid personal injury or even death.

To cut off the high-voltage circuit, first disconnect the emergency high-voltage cut-off plug, then detach the 12V battery negative terminal (both located under the left rear seat).

The steps are as follows:

1. Fold the left rear seat forward:

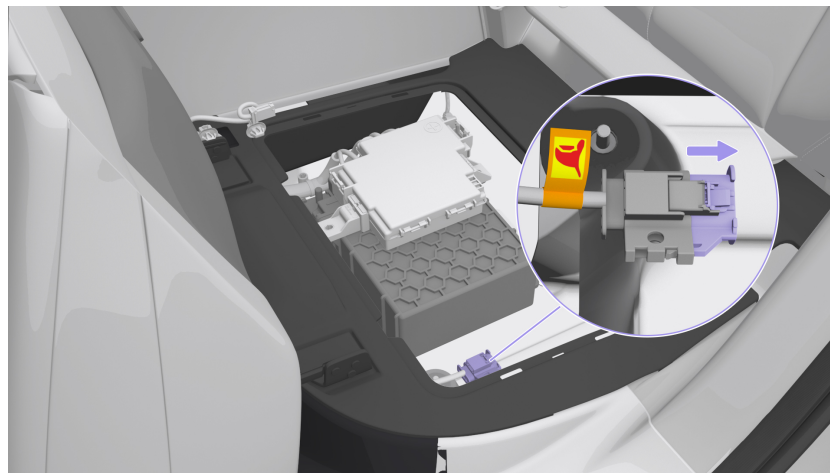
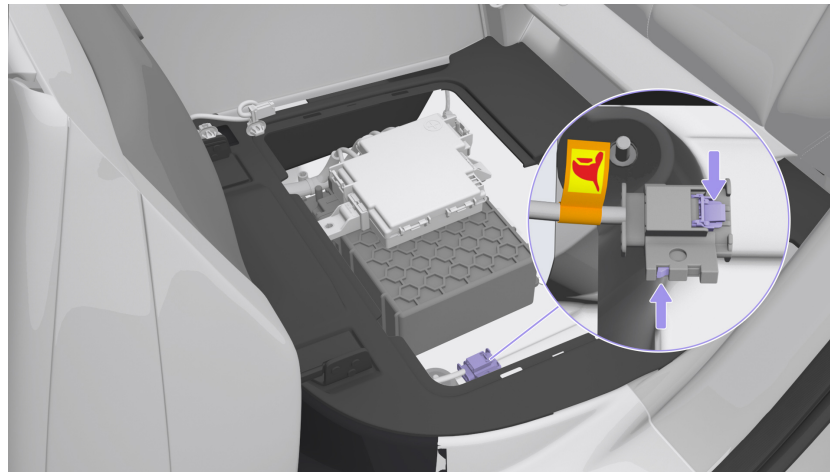


- 1) Pull the strap on the left rear seat forward to unlock the seat (marked as ① in the diagram).
- 2) Then lift the strap upward to raise the seat cushion (marked as ② in the diagram).
- 3) Reach behind the seat cushion and flip it forward until the front edge engages with the carpet (marked as ③ in the diagram).

2. Open the access panel beneath the left rear seat.

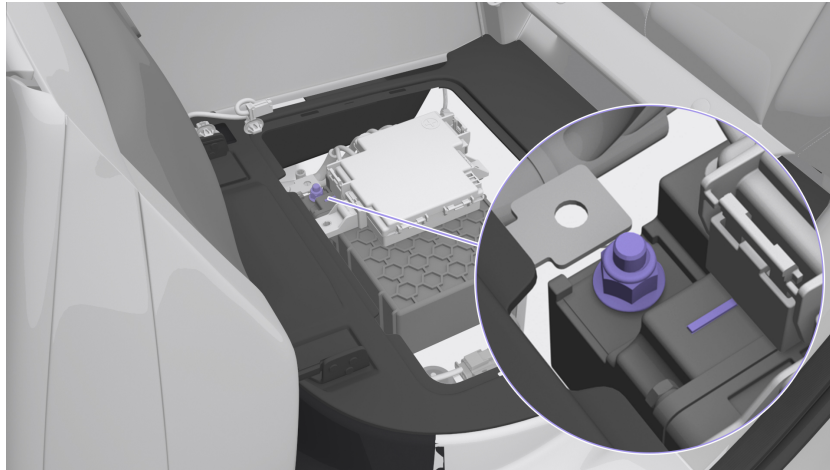


3. Disconnect the emergency high-voltage cut-off plug. This action will cut off the high-voltage supply circuit.



Caution

- After disconnecting the emergency high-voltage cut-off plug, it is recommended to use a lock buckle to prevent others from mistakenly connecting the plug.
 - After disconnecting the emergency high-voltage cut-off plug, please wait at least 3 minutes to allow the capacitors inside the high voltage components to fully discharge.
 - When disconnecting the emergency high-voltage cut-off plug, the control panel and the instrument cluster will display a vehicle high voltage system fault prompt. After the plug is restored and the vehicle is powered on again, the related fault prompts will be cleared.
4. Disconnect the negative terminal cable of the 12V battery. After disconnection, wrap the terminal with protective insulation to prevent accidental contact and short circuits.



5. When restoring the high-voltage circuit, first reconnect the emergency high-voltage cut-off plug, then connect the 12V battery. If the 12V battery is connected before the emergency high-voltage cut-off plug, the vehicle may report a fault.
6. After the operation, secure the access panel and rotate the seat cushion back to its locked position by pivoting it around the hinge axis.

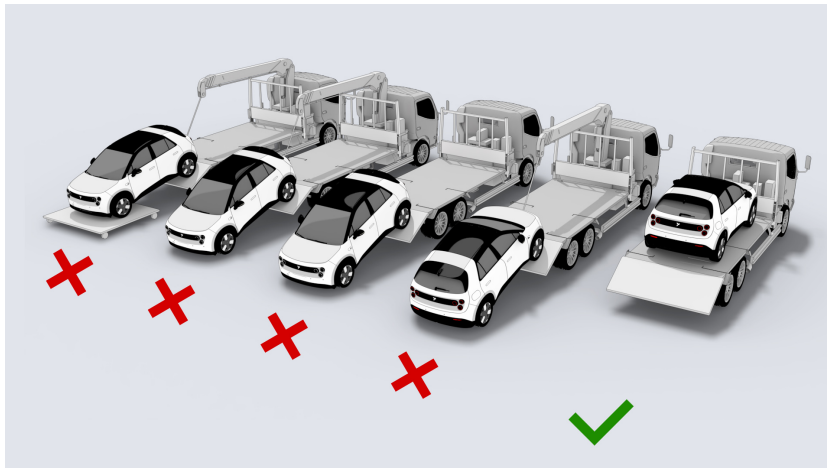
Caution

When restoring the seat cushion position, press the front of the cushion until the hooks on the back of the seat are fully locked.

Towing a Vehicle that Had an Accident

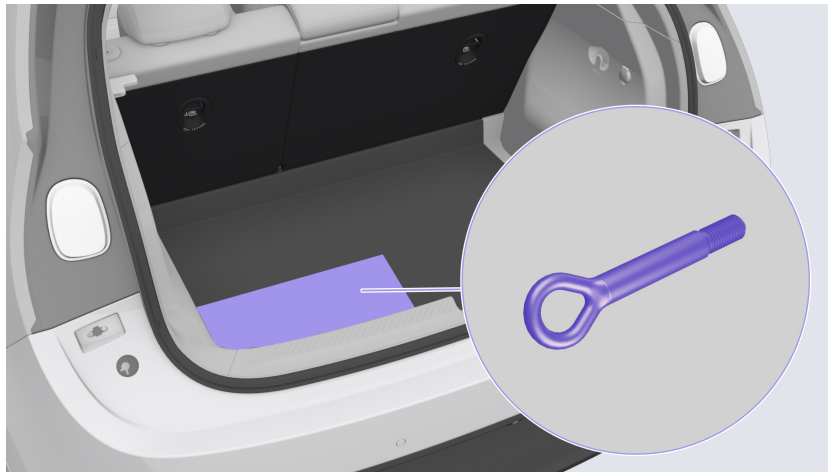
Caution

- This vehicle should not be towed with four wheels on the ground. Do not tow the vehicle directly with a tow chain.
- Tow hooks are only suggested for moving a vehicle from a flat surface to a flatbed trailer.
- When the vehicle is stuck in snow, mud or sand, or when the wheels are locked and unable to rotate freely, do not use a tow hook to tow the vehicle. Please contact the firefly service instead.
- When towing a vehicle, make sure the vehicle is stable, all doors are closed and locked, and do not allow people to stay near and inside the vehicle.
- When transporting the vehicle, make sure that the wheels are secured and compliant with relevant local regulations.

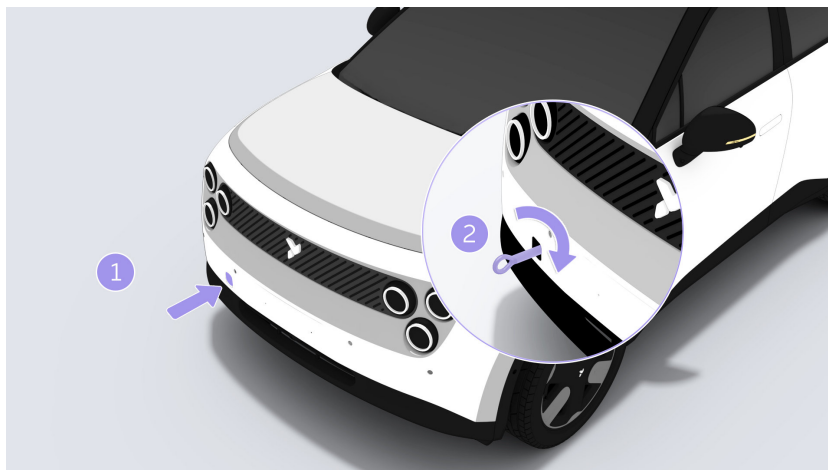



If you need the vehicle to be towed, please call a flatbed trailer to transport the vehicle. How to tow a vehicle:

1. Take out the tow hitch from the toolbox in the trunk.



2. Press the lower end of the front towing flap of the vehicle to open it (1 in the diagram), then insert the tow hitch into the hole and rotate until the tow hitch is firmly seated (2 in the diagram). The rear tow hitch (if present) is installed in the same way as the front one.



3. Press the brake pedal while the vehicle is in park (P), go to the settings interface from  on the control panel, tap **Driving > Neutral (N) gear mode**, then the vehicle will be released from the parking brake and can be towed.
4. Power the vehicle off before towing, turn on the hazard warning lights, and make sure that there is no one in the vehicle and lock the entire vehicle.
5. Install the tow chain on the tow hitch and slowly winch 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 secure the tires.
7. Before transporting the vehicle on a flatbed, exit the neutral (N) gear mode on the control panel to prevent damage from bumps during transportation.

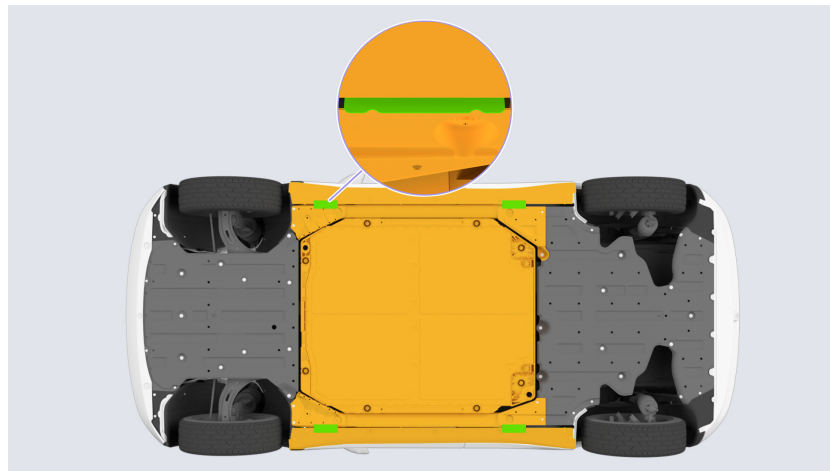
Caution



- Only when there is no safety risk to the vehicle can it be towed away from the site. If the vehicle's high-voltage battery is deformed, leaking liquid, or emitting smoke, safety risks shall be eliminated first.
- If you are unable to enter the neutral (N) gear mode normally, you can try restarting the control panel by reconnecting 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 hard while exiting the neutral (N) gear mode on the control panel.
- 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.
- When opening the towing flap, be careful not to break the positive and negative cables for emergency unlocking.
- Before closing the towing flap, straighten the rear end of the positive and negative cables on the towing flap, plug them back into the front bumper, and then place the towing flap and the cables back in the front bumper.
- Tow hooks must be screwed securely into the threaded holes or the hook may slip out during towing.
- Only attach the towing chain to the tow hooks, not to other parts of the vehicle, otherwise the vehicle may be damaged.
- When the tow hooks are used to tow the vehicle, please pay special attention to starting and driving the vehicle in a slow and smooth manner. Excessive towing force will cause impact loads, which may cause serious injury or damage to the vehicle.
- After using the tow hook, it should be returned to the tool box in the trunk, not placed in the front trunk, to avoid the tow hook tip damaging the surface and body of the front trunk.

Vehicle Lifting

For full lift using the jacking points, proceed as follows:

1. Position the vehicle centrally between the lift.
2. Position the lift arm pads under designated vehicle jacking points (green mark in figure) and adjust the height and position of the lift arm pads to ensure that they are correctly located.



	Proper vehicle jacking point
	Improper vehicle jacking point

3. Raise the lift to the desired height, ensuring the lift arm pads remain in their correct positions.
4. Engage any lift safety locks. Lift the vehicle according to the instructions of the lift manufacturer.

Warning

- Do not lift a vehicle that is not properly supported, as this may cause serious damage to the vehicle, and even personal injury or death.
- Do not lift the vehicle from under the high-voltage battery.
- Do not touch the high-voltage battery or other high-voltage components when lifting the vehicle and after it has been lifted.
- When lifting the vehicle, check the surrounding environment of the vehicle to ensure that the relevant areas are free of obstacles during the lifting and

lowering process, and that the doors, hood and liftgate are closed to avoid damage to the vehicle.

Emergency Unlocking Assistance

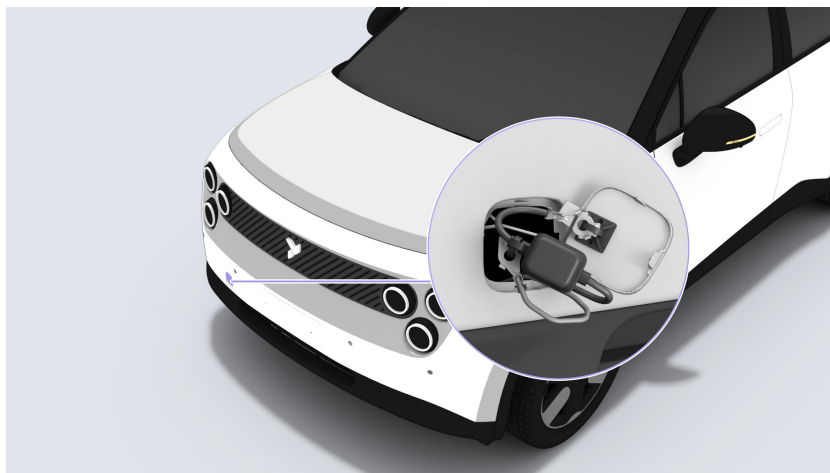
If the vehicle is severely depleted and you are unable to unlock the vehicle with your phone key, NFC card or by long pressing the liftgate button, contact the firefly service for emergency unlocking assistance.

Caution

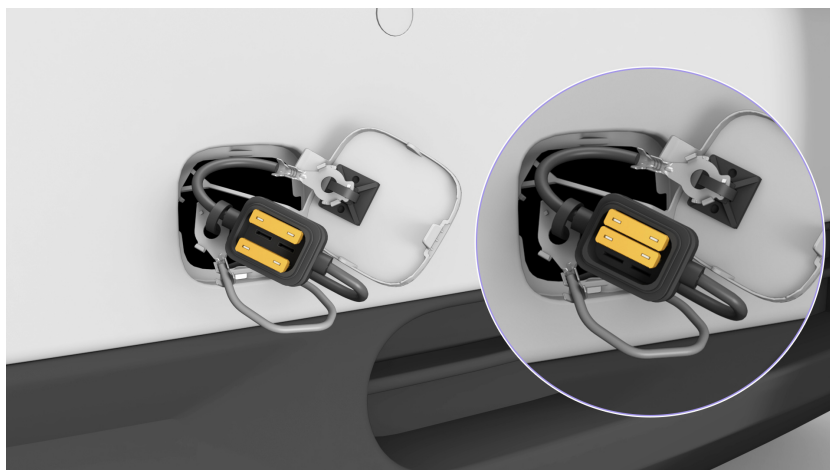
Emergency unlocking assistance is only for unlocking doors in an emergency. After the vehicle is unlocked, the external power supply should be removed immediately. Do not use the emergency jump-start terminals to charge the 12V battery.

The steps for emergency unlocking assistance are as follows:

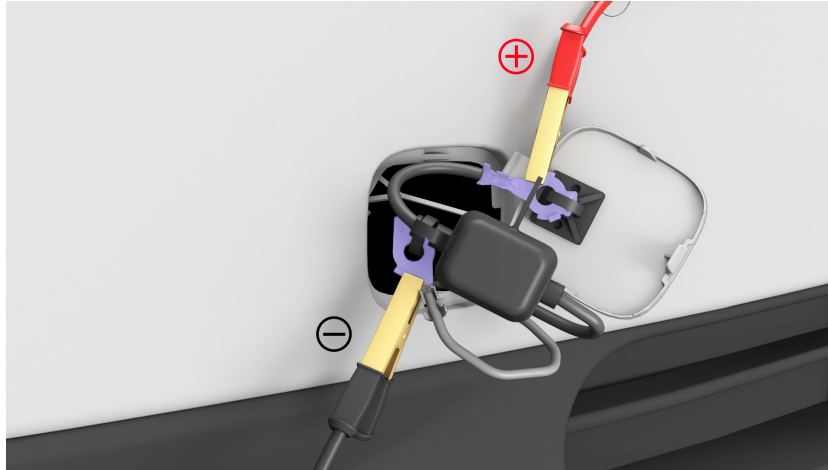
1. Press the lower end of the front towing flap of the vehicle to open it, then pull the flap and emergency unlocking jump-start fuse box out of the towing port.



2. Open the cover of the emergency unlocking jump-start fuse box, and insert either of the spare fuses at both ends into the terminal slots in the middle.



3. Connect the red positive (+) cable from the external low-voltage power supply to the positive (+) terminal at the towing flap and the black negative (-) cable from the external low-voltage power supply to the black negative (-) terminal attached to the cables.



4. After the vehicle is connected to the external power, use your phone key or NFC card to unlock the vehicle and open the door.
5. After the vehicle is unlocked, turn off the external power supply, reset the spare fuse in the emergency unlocking jump-start fuse box, and then restore the fuse box and the towing flap to their original position.

Caution

After the vehicle is unlocked, be sure to pull out the spare fuse in the emergency unlocking jump-start fuse box from the center terminal slot. Failure to do so may cause a short circuit or even melt the positive emergency jump-start terminal.

Rescuing the Vehicle in Water

Caution

It is recommended not to stay in deep water (preferably not exceeding the high-voltage battery base plate) for a long time when the vehicle is wading, as it may cause damage to its high-voltage components.

As long as the vehicle body and chassis are not damaged, there is no significant risk of electric shock from brief submersion in water. However, when dealing with water-soaked vehicles, professional rescue personnel must wear appropriate protective rescue gear, ensure proper insulation, pull the vehicle out of the water, open the door, and disconnect the power. They should then remove the water from the vehicle, check for any leakage, and safely disconnect the high-voltage circuit.

Warning

When dealing with water-soaked vehicles, the rescue personnel must wear appropriate protective rescue gear to avoid serious injury or even death.

Vehicle Fire Rescue

Warning

- If the vehicle is on fire, do not touch any part of the vehicle. Rescue operations should be carried out by professional rescue personnel wearing correct protective equipment.
- The gases stored in the curtain airbag gas cylinders may expand at high temperatures, causing an explosion. Always exercise caution to avoid personal injury.

Fire extinguishers may be used if the vehicle's fire does not involve a high-voltage battery.

If the vehicle's high-voltage battery is heated or ignited, or even bent, cracked, or damaged, cool the high-voltage battery with a large amount of water or a mixed foam fire extinguisher (F500 is recommended). After the high-voltage battery has completely cooled (this may take up to 24 hours), monitor for an additional hour, ensuring the high-voltage battery is no longer heating up before moving the vehicle to an open space with a flat ground. Set up a safe area of 15 m to prevent non-relevant persons from touching the vehicle.

Warning

After taking measures to cool the burning high-voltage battery, stay alert to the risk that the battery may catch on fire again to avoid hazards during transportation.

Rescuing the Vehicle with High-voltage Battery Leakage

Warning

If a collision happens and leads to leakage of high-voltage battery fluid, it should be handled by professional rescuers, who must wear protective masks and solvent-resistant gloves, and avoid direct contact with the fluid.

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

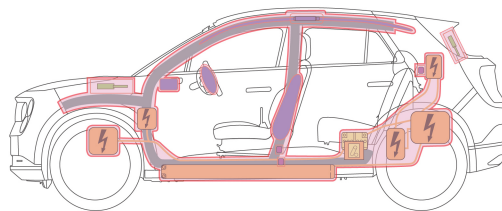
If the human body accidentally comes into contact with leaked fluid, remove the contaminated clothing and immediately rinse with soap and plenty of water for 15 minutes until there are no chemical residues. If there is no improvement or any discomfort occurs, please seek medical attention immediately.

Vehicle Cutting Area

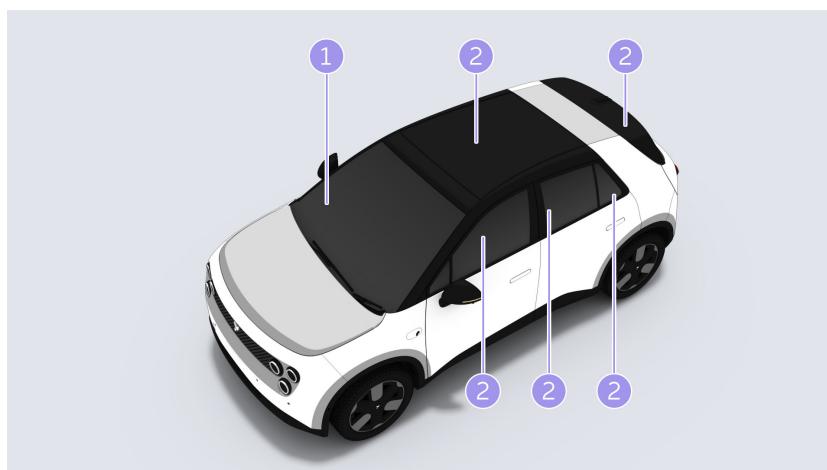
Warning

When cutting the vehicle, professional rescuers must use appropriate tools, such as hydraulic cutters, and wear suitable protective equipment to avoid serious personal injury.

When cutting is necessary during rescue, appropriate tools shall be used. The high-voltage and high-pressure areas of the vehicle are prohibited cutting zones, such as: airbag-related components, high-voltage parts, and others, as shown in the key areas in the figure below.



Vehicle Glass



1. Laminated glass
2. Tempered glass

Note

Only models equipped with a sunroof have a glass-made roof; models without a sunroof have a steel outer roof panel.