



Introduction

Foreword

XPENG G6 is an intelligent coupe SUV with features different from ordinary vehicles. Before starting the journey on your G6, it is recommended to read this manual to understand basic vehicle information, basic operations, and corresponding cautions and warnings. If you have questions regarding the use of the vehicle, please contact XPENG Service Center.

This manual is published in July 2024. Titles marked with “*”, the described equipment, functions and pictures are only valid for a certain configuration. G6 is capable of upgrading over-the-air (OTA), and the features and configurations may be updated from time to time after remote upgrade. Therefore, XPENG would like to inform you about following reminders:

Please be familiar with the latest and most complete vehicle functions, vehicle usage techniques, precautions, etc. before using the vehicle after an upgrade, pay special attention to the warnings in this manual, and use the vehicle properly and safely.

XPENG always reserves the right to change, supplement, or terminate the contents and technical specifications of this manual.

Please keep the manual safe for future reference.



Manual Description

1. The current user manual corresponds to the car version V5.2. Click “🗨️”→General on the central control screen to view the current system version. If the system version is not the latest, please update it in time.
2. The descriptions marked with * or "if applicable" in this manual are only applicable to certain models, and your vehicle may not be equipped with these features.
3. The vehicle has remote upgrade (OTA) capabilities, and vehicle functions are updated from time to time. The contents of this manual will be updated with function updating.
4. This manual provides information on all vehicle configurations. Due to differences in vehicle configuration, software version, etc., it may be different from the vehicle you purchased. Please refer to the actual vehicle.
5. Please read the warning/caution notices in the manual carefully:
 - ⚠️ Please be sure to comply with warning information, otherwise it may result in personal injury or traffic accidents!
 - ⚠️ Please be sure to comply with the caution information, otherwise it may cause vehicle damage or malfunction!
 - ℹ️ Prompt information can help you use the vehicle better.



6. The illustrations in this manual are only used to illustrate the function operation, and the content is for reference only.

7. Illustrations in this manual are marked as:

 Indicates the object being described

 Indicates the direction of the operation

 Indicates the direction of the rotation operation

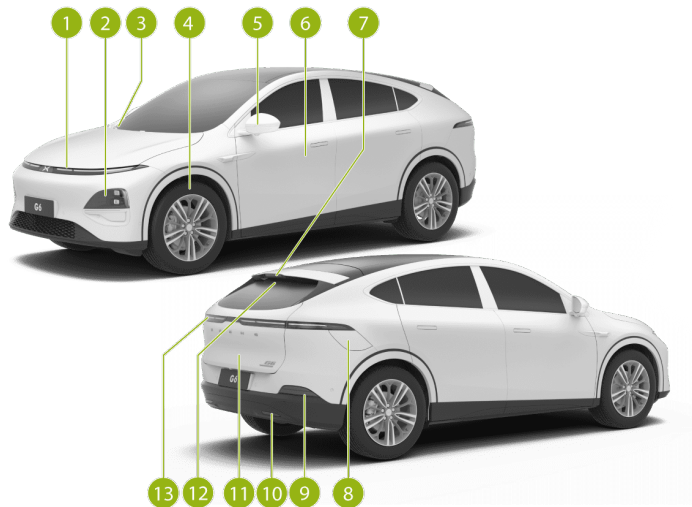


Without the authorization of Xpeng Motors, no one may copy or modify the contents of this manual in whole or in part. Xpeng Motors always reserves the right to change, supplement or terminate the contents and technical specifications of this manual.

Appearance

Introduction

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1. Front headlight
 - Daytime running light [See 266 page](#)
2. Front combination light
 - Light operation [See 266 page](#)
 - Follow-me-home [See 266 page](#)
 - Headlight leveling [See 266 page](#)
3. Front wiper
 - Wiper operation [See 270 page](#)
 - Replacement of wiper blades [See 307 page](#)
4. Wheel
 - Tire maintenance [See 313 page](#)
 - Tire specifications [See 350 page](#)
5. Exterior rearview mirror
 - Adjustment of exterior rearview mirror [See 261 page](#)
 - Exterior rearview mirror heating [See 211 page](#)
6. Doors
 - Electric door opening and closing [See 205 page](#)
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 - Electric door emergency opening and closing [See 339 page](#)
 - Flush door handle [See 204 page](#)
7. High-mounted stop light
8. Charging port cover
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 - Emergency unlocking of charging port [See 287 page](#)
 - External discharge [See 245 page](#)
9. Brake light
10. Rear fog light/reversing light
11. Trunk
 - Trunk opening and closing [See 206 page](#)
 - Emergency trunk opening [See 337 page](#)
12. Rear wiper



- Wiper operation [See 270 page](#)
- Replacement of wiper blades [See 307 page](#)

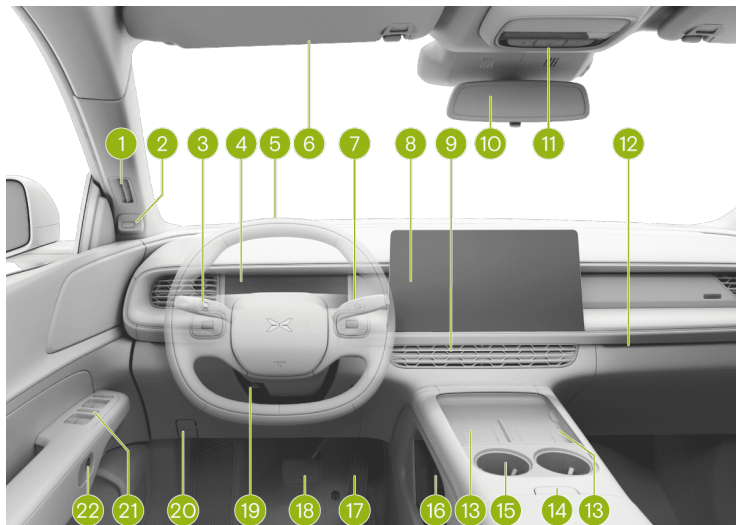
13. Tail light



Front Row

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1. Side defrost air vent [See 211 page](#)
2. In-vehicle camera
 - Driver monitoring system (DMS) [See 155 page](#)
3. Light & wiper stalk
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4. Instrument cluster module (ICM)
 - Instrument panel interface [See 31 page](#)
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5. Steering wheel
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10. Interior rearview mirror
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11. Front ceiling light
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 - Emergency power-off [See 342 page](#)
12. Ambient light [See 240 page](#)
13. Cellphone wireless charger (CWC) [See 236 page](#)
14. Opening/closing of front central armrest box
15. Cup holder [See 231 page](#)



- 16. Power outlet [See 233 page](#)
- 17. Accelerator pedal
 - X-pedal [See 277 page](#)
- 18. Brake pedal
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- 19. Steering wheel unlock lever
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- 20. Front hood opening handle [See 298 page](#)
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 - Door lock switch [See 205 page](#)
- 22. Door electric release switch [See 205 page](#)

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1. Ceiling handle
2. Rear reading light [See 238 page](#)
3. A/C air vent
 - Manual adjustment
4. Type-C port [See 233 page](#)
5. Driver seat
 - Seat adjustment [See 218 page](#)
 - Seat heating [See 223 page](#)
 - Seat ventilation [See 224 page](#)
6. Window switch [See 225 page](#)
7. Door electric release switch [See 205 page](#)
8. Door emergency opening handle [See 339 page](#)
9. Rear seat
 - Backrest adjustment [See 218 page](#)
 - Central armrest [See 231 page](#)
 - Backrest inclination [See 218 page](#)
 - Seat heating [See 223 page](#)



Trunk

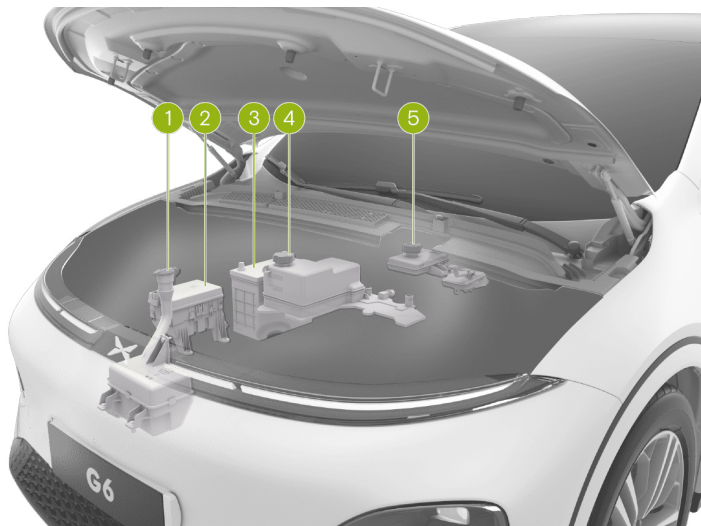
Introduction

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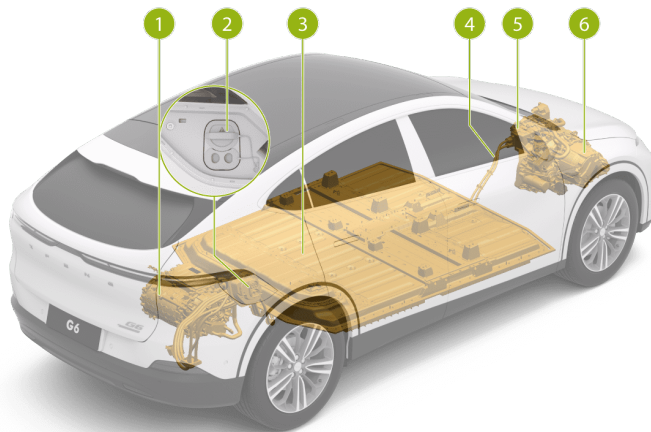


1. Trunk external switch
 - Trunk opening and closing [See 206 page](#)
2. Trunk internal switch
 - Trunk opening and closing [See 206 page](#)
3. Trunk light
4. Trunk access cover
 - Emergency unlocking of charging port [See 287 page](#)
5. 12V power outlet [See 233 page](#)
6. Trunk cover
 - Trunk emergency device [See 325 page](#)
7. Trunk shade [See 243 page](#)





1. windshield washer fluid reservoir
 - Inspection and filling [See 306 page](#)
 - Filling amount [See 355 page](#)
2. Front compartment fuse box
3. Battery
4. Coolant reservoir
5. Brake fluid reservoir
 - Inspection and filling [See 300 page](#)
 - Type and filling amount [See 355 page](#)





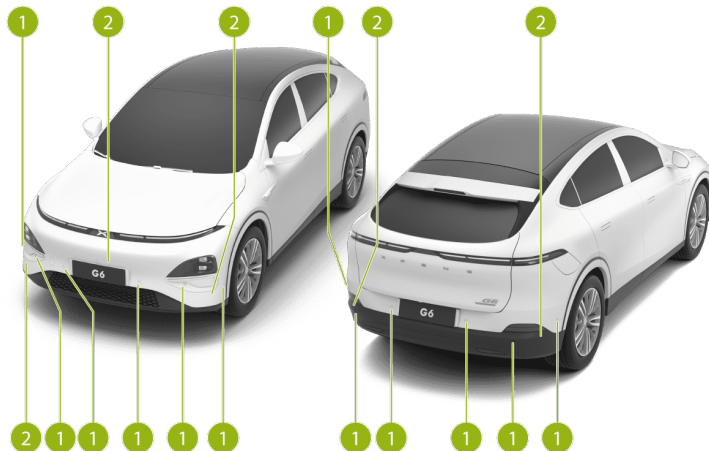
1. Rear electric drive system
 - Type and parameters [See 354 page](#)
2. Charging port
 - Charging port cover opening and closing [See 281 page](#)
 - Charging operation [See 282 page](#)
 - Emergency unlocking of charging port [See 245 page](#)
- External discharge
3. Traction battery
 - Traction battery maintenance and recycling [See 311 page](#)
4. High-voltage wiring harness
5. A/C compressor
6. Front electric drive system*
 - Type and parameters [See 354 page](#)



warning

It is prohibited to touch or disassemble the high-voltage wiring harness or the high-voltage components connected, otherwise, there is a risk of electric shock.

Radar

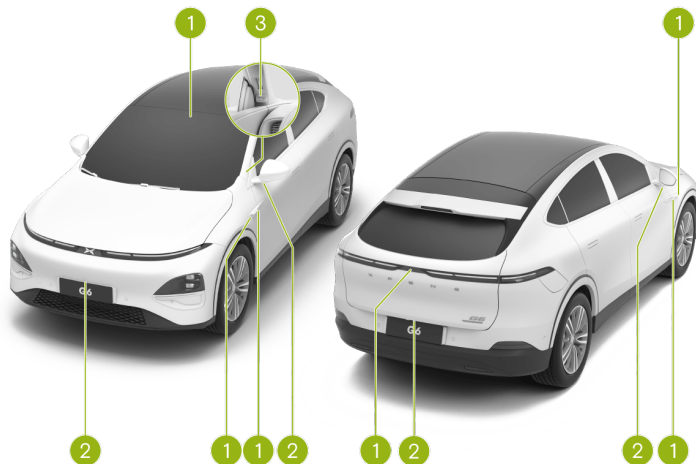




1. Ultrasonic radar
2. MMW radar

Camera

2





1. High sensitivity camera
2. Surround view camera
3. In-vehicle camera

**warning**

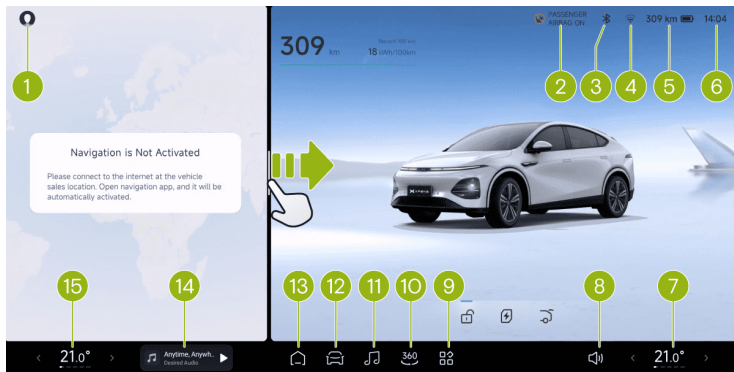
If the radar and camera functions are limited, the driving assist function will not be activated or work properly.

CID Interface

Introduction

The CID defaults to display in split screen status. The left side displays an to the navigation map interface [See 57 page](#), and the right side displays an to the global intelligent driving interface [See 85 page](#).

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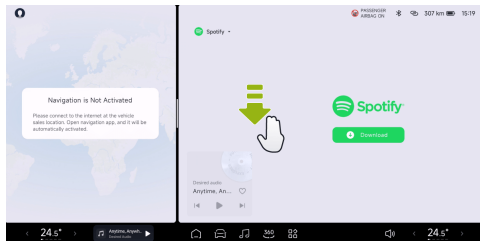


1. Account&Habit [See 54 page](#)
 - After tapping to login, the account avatar will be displayed.
 - Set driving habits.
2. Front passenger airbag status indicator
 - Tap to activate/deactivate the front passenger airbag disable function.
3. Bluetooth
4. Network
5. Traction battery
 - Display the current range and remaining battery SOC.
6. Time
7. Front passenger A/C assembly
 - Display the current temperature and air flow of the front passenger A/C.
 - Tap to adjust the A/C [See 211 page](#).
8. Volume adjustment
9. Application center
10. AVM [See 94 page](#)
11. Music [See 59 page](#)
12. Setting
 - Entry for vehicle control settings.
13. Homepage
 - Tap to return to the desktop.
 - When in desktop mode, tapping will switch between split screen and full screen.
14. Music Components [See 59 page](#)
 - Display the current media cover, media name, and playback source.
 - Tap to pause or resume music playback.
 - Slide left and right to switch to previous or next one.
15. Driver A/C assembly
 - Display the current temperature and air flow of the driver A/C.
 - Tap to adjust the A/C [See 211 page](#).

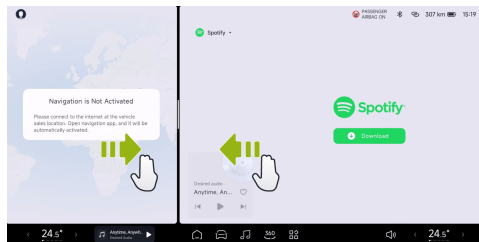
i Tips

The font used by XOS is [MiSans].

Gesture Interaction



The sliding down with three fingers allows you to return to the desktop, and in split screen mode, exit the application opened in the application window and return to the corresponding desktop.



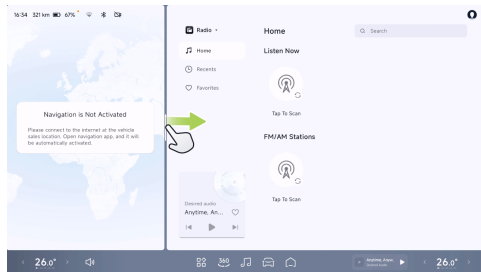
Slide with three fingers or four fingers to the left or right to complete the switch among window applications. In full screen mode, this gesture is invalid.

i Tips

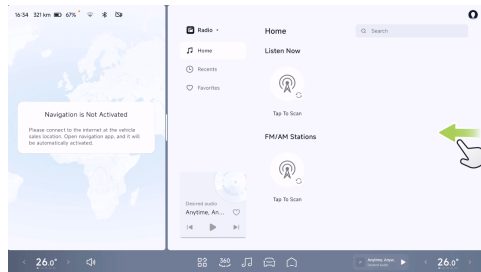
The bottom taskbar area is not involved in gesture operations. During the switch process, the status bar is hidden and the bottom taskbar is not hidden.



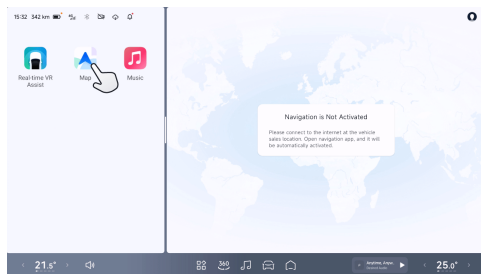
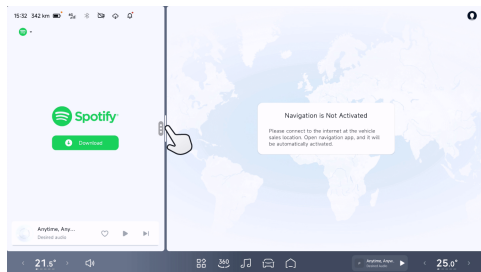
Split-screen multitasking



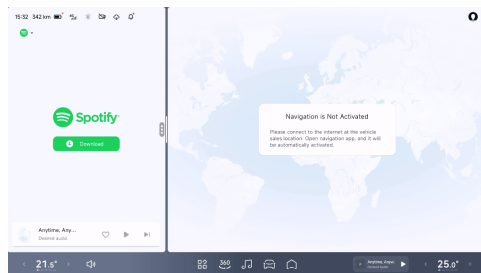
Drag the split line to toggle the full/split screen state and change the size of the form when split. When split-screen switches to full-screen, the last open split-screen application is remembered.



Swipe side to return to the page above the corresponding window.



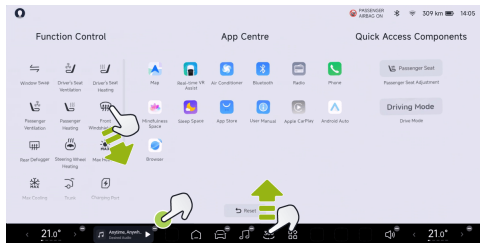
Tap the split-screen line to fix the small window App, supporting display of global smart drives, maps, and music.



The large windows under split screen support different applications to open, the main drive to watch the navigation, the secondary drive to watch the video, listen to songs and read the lyrics.



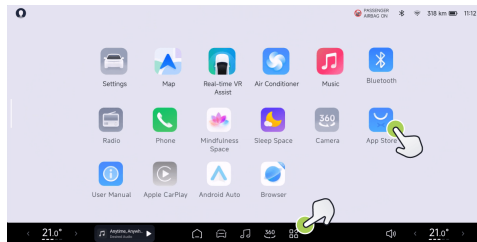
Customize Bottom Taskbar



1. Press and hold the icon in the bottom taskbar or any area of the application list to customize the bottom taskbar.
2. You can drag the icons of function control, application, and shortcut component from the application center to the spaces of bottom taskbar.
3. Tap  in the upper right corner of the icon in the custom state, or drag the icon and release it in the application center to remove it from the bottom taskbar.

4. Tap again in the blank area of the bottom taskbar or application list to exit the custom state.

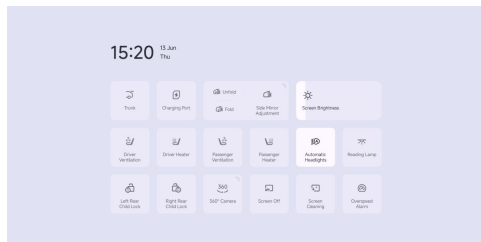
Application Center



1. Tap on the bottom taskbar  to open the Application Center. Tap in any blank area in the Application Center to exit quickly.
2. Tap the application icon to open the application, and the corresponding status of the downloaded and installed application will also be displayed.

- Press and hold the application icon or in blank area to enter the custom application center state. At this time, you can drag the application icon to sort in the application list.

Quick Panel

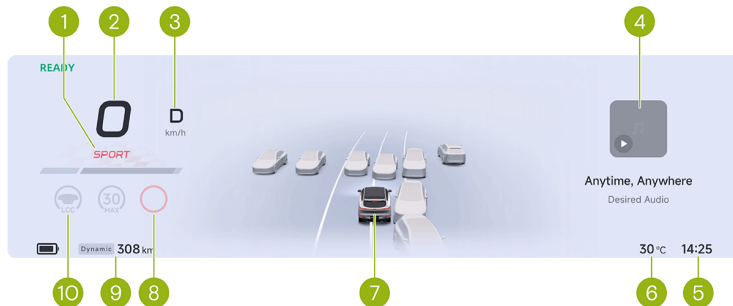


For high-frequency functions, you can operate directly from the quick panel without opening the application. Slide down from the top of the screen to show the quick panel, and slide up to collapse the quick panel. When tapping in a blank area or opening a new interface, the quick panel will collapse.



Instrument Cluster Module (ICM)

Introduction



1. Driving mode [See 273 page](#)

2. Vehicle speed

3. Gear [See 271 page](#)

4. Information display area

- Display information can be switched by the left and right roller on the steering

wheel, including gear, energy consumption, mileage, navigation, music.

5. Time

6. Outside ambient temperature

7. Global intelligent driving [See 84 page](#)

- Display the status of the vehicle.

- Display the simulated environment outside of the vehicle.
8. Speed limit information
- Display the speed limit information recognized by the system,
9. Range/SOC
- On the “→**Charging and Discharging→Range Display Settings**” interface of CID, it is possible to switch between displaying WLTP/Dynamic and on/off SOC%.
10. Indicator
- Indicators are distributed at different positions on the instrument panel to reflect the status of vehicle functions.



Instrument Panel Indicators

After the vehicle is powered on, some indicators will go on and will go off after the system self-test without abnormality. The illumination of some indicator indicates the current status of the vehicle system functions, not a system failure. If there is anything unclear during daily use, please contact the XPENG Service Center for consultation.



High beam on



Airbag fault



IHB on and high beams on



Driver seat belt not fastened



IHB failed



Front passenger seat belt not fastened



IHB on and high beams off



Rear left passenger seat belt not fastened



Left turn signal light on



Rear middle passenger seat belt not fastened



Right turn signal light on



Rear right passenger seat belt not fastened



Low beam on



Rear fog light on



Clearance lights on



Automatic headlight control on and low beams on.



Lane departure assist failed



Charging line connected



Scheduled charging on



Steering system malfunction



Speed limit sign



Low washer fluid level indicator



High voltage system normal and vehicle in ready state.



Battery fault



Coolant temperature too high



Power system malfunction



Motor and control unit overheating



Motor and control unit fault



Always on: EPB activated
Flashing: incorrect caliper status



Always on: EPB failed
Flashing: EPB in maintenance mode



AutoHold activated



AutoHold malfunction



Brake system fault



Flashing: ESP activated
Always on: ESP failed



ESP has been disabled



ABS fault



Traction battery temperature too low



Traction battery temperature too high



Traction battery SOC too low



Traction battery fault



Traction battery cut off



FCW fault



FCW off



Too many indicators lit at the same time, the indicator display occupied



Braking performance reduced



HDC activated



HDC malfunction



Drive power limit



Maximum speed limit value of ACC/LCC, and any function activated



Maximum speed limit value of ACC/LCC, and no function activated



Towing malfunction indicator*



Towing function normal indicator*



Driving assist failed



Abnormal tire pressure or TPMS malfunction



Doors, front hood and trunk not all closed



LCC has been activated



LCC can be activated



APA has been activated



APA can be activated



APA unavailable



Towing function not on indicator*



SAS activated



ACC activated

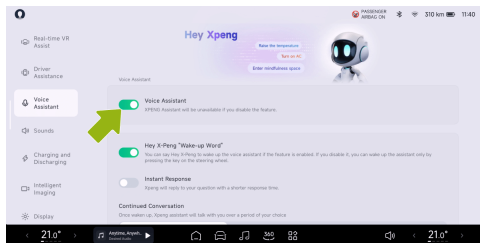


ACC can be activated

3

Intelligent Voice

Voice Assistant



The “**Voice Assistant**” can be enabled on the “→**Voice Assistant**” interface of CID, supporting functions such as multi-tone area and continuous conversation.

i Tips

Other functions of intelligent voice can only be activated after “**Voice Assistant**” is activated.

Standard Wake-up

You can wake up X-Peng in the following ways:

- Voice button on steering wheel
- “**Voice Assistant**”

The “**Voice Assistant**” can be enabled/disabled on the “→**Voice Assistant**” interface of CID. After the function is enabled, add “**Hey X-Peng**” before and after the command to call the X Peng service, for example:

- Hey X-Peng, turn on the A/C.

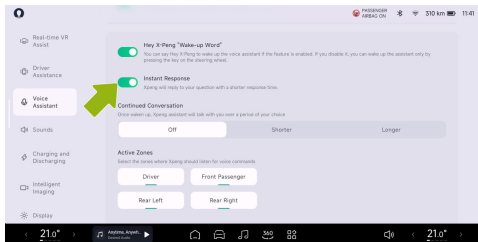
- Hey X-Peng, navigate to home.
- Hey X-Peng, how long will it take to reach the destination?
- Hey X-Peng, Play a song.

You can try the following voice commands:

- Lower driver's seat.
- Move my seat backward.
- Turn on massage.
- Turn on reading light.
- Open my window.
- Turn up the heat in my seat.
- Turn on seat ventilation.
- Turn on the steering wheel heating.
- Turn on ac cooling.
- Navigate to...
- Turn on spotify.
- Play some music.
- Turn on bluetooth.

Dialog Mode

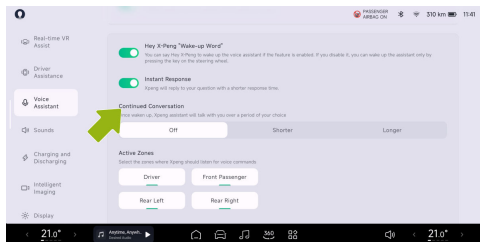
Instant Response



The “**Instant Response**” can be selected on the “ → **Voice Assistant**” interface of CID. Once selected, Xiao P will take less time to answer the question in each dialogue.

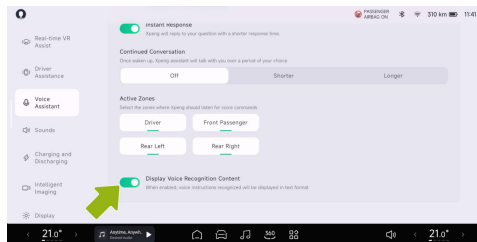


Continued Conversation



The “**Continued Conversation**” can be selected on the “🚗 → **Voice Assistant**” interface of CID. Once selected, Xiao P can maintain a listening state for a period of time after executing the last task, at which time new commands can be given directly with no need to wake up Xiao P repeatedly. You can also set the period of time for Xiao P to stay in the listening state.

Display Voice Recognition Content



The “**Display Voice Recognition Content**” can be selected on the “🚗 → **Voice Assistant**” interface of CID. Once selected, voice commands will be presented as text on the CID.

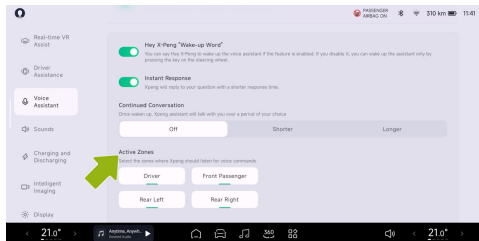
Multitone Area

The intelligent voice assistant supports voice dialogue recognition in all four zones of the vehicle, and each passenger in the car can wake up the Xiao P for conversation at any time. Xiao P can accurately distinguish which position is issuing instructions with the capabilities of four

tone zone sound source positioning and speech separation, and provide corresponding services for the main voice zone, and the dialogue from each passenger does not interfere with each other.

For example:

- When the driver says “**“open the window by a gap”**”, X Peng can open the driver window by a gap.
- When the front passenger says “**“activate the seat ventilation”**”, X Peng can activate the front passenger seat ventilation.



In the “ → **Voice Assistant**” interface of CID, the voice zone can be deactivated as needed. After deactivated, the system will no longer receive voice commands from that voice zone.

Offline Session

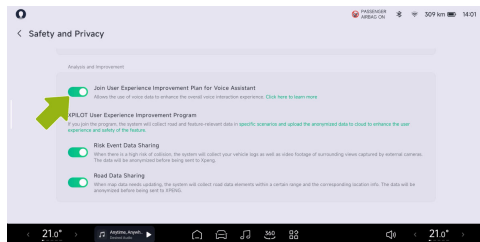
In the poor network environment such as basement, expressway and tunnel, some dialog services that rely heavily on the Internet (such as playing music) are temporarily unavailable, but X Peng can still provide you with basic voice services, including but not limited to the following functions:

- A/C control by voice
- Seat control by voice
- Door and window control by voice
- Light control by voice
- Navigation control by voice



Join the User Experience Improvement Plan

In order to make Xiao P more intelligent, we sincerely invite you to join the “**User Experience Improvement Plan for Voice Assistant**”.

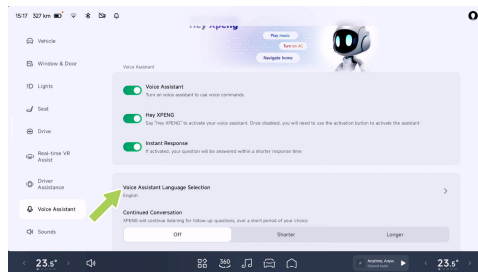


The “**Join User Experience Improvement Plan for Voice Assistant**” can be enabled/disabled on the “**General→Safety and Privacy**” interface of CID.

Before enabling, you need to review and agree to the "User Experience Improvement Plan for Voice Assistant". After the function is enabled,

the system can collect the usage information of voice assistant to improve your voice interaction experience.

Voice Assistant language



On the CID “**→Voice Assistant**”interface, click “**Voice Assistant Language Selection**”Once in the screen, Voice assistant language selection and new language pack download, installation, Switch.

**i Tips**

- Currently the Voice Pack supports selection of English, German, French, Thai and Cantonese.
- Continuous conversation capability is supported with English Voice Pack only.



Voice control

Voice Control allows the driver to control the vehicle's features while driving. Please using voice commands to avoid distractions and improve driving safety and convenience.

Common voice control commands (English)

Category	Function	Sample voice control commands
Vehicle	Seats	Raise driver seat higher
		Move driver seat back to the front
		Activate driver's seat massage
		Change second row

		seat massage mode
		Turn on front massage to low
	AC	Turn on AC
		Driver ac temperature turn higher
		Turn on driver auto ac
		Turn on purifier
		Turn on recirculation
		Turn on max cooling
		Turn on max heating
		Turn on refresh mode

Phone	/	Make a call
		Call Anna
		Call back
Navigation	/	Navigate to
		Exit navigation
		Take me home
Media	/	Next song
		Pause
		Turn off music
		Play music
Others	Screen	Turn up main screen brightness by 10%

		Dashboard brighter
		Change to day mode
	Device	Turn on driver Bluetooth
		Turn on the Wi-Fi
		Turn on camera

Gängige Sprachsteuerungsbefehle (Deutsch)

Category	Function	Sample voice control commands
----------	----------	-------------------------------



Fahrzeug	Sitz	Verstelle den rechten Rücksitz nach vorne
		Neige die Rückenlehne des Fahrers nach vorne
		Aktiviere die Sitzmassage des Fahrers
		Aktiviere wave Massage des Vordersitzes
		Stelle die Massageintensität auf Stufe hoch ein
	Klimaanlage	Schalte die Klimaanlage

	des ganzen Fahrzeugs aus
	Senke die Temperatur auf der Beifahrerseite
	Erhöhe den Luftstrom
	Stelle Klimaanlage auf Automatikmodus ein
	Reinige die Luft
	Schalte die Umluft aus
	Aktiviere den Entfogger
	Schalte den Desodorierungsmodus der

Telefon	/	Mache einen Anruf
		Rufe Anna
		Rufe 101
		Rufe zurück
Navigation	/	Wo ist die Seite für Klimaanlage
		Schalte Navigation aus
		Bringe mich nach Hause
Media	/	Vorheriges Lied
		Pausiere
		Spiele Musik

		Schalte Sotify ein
Sonstiges	Bildschirm	Erhöhe die Bildschirmhelligkeit um 20%
		Erhöhe die Helligkeit des Armaturenbrettes
		Erhöhe die Bildschirmhelligkeit des Armaturenbretts
	Geräteverbindung	Schalte Bluetooth ein
		Schalte 360° Kamera aus

**Commandes de contrôle vocal courantes
(français)**

Category	Function	Sample voice control commands
Véhicule	Sièges	Monte le siège passager
		Incline le dossier du siège conducteur vers l'avant
		Active le massage, s'il te plaît
		Donne-moi un autre type de massage

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		Active le massage du siège conducteur à faible intensité
	Climatisation	Allume toutes les climatisations
		Augmente la température de la climatisation
		Accrois le volume d'air
		Active la climatisation automatique du conducteur
		Ferme le purificateur d'air

Téléphone	/	Passe un appel téléphonique
		Appelle le service client
		Appeler 123
		Recompose
Navigation	/	Navigue vers
		Termine la navigation
		Rentrer à la maison
Média	/	La chanson précédente
		Arrête la diffusion de la radio

		Joue de la musique
Autres	Écrans	Augmente la luminosité de l'écran
		Tableau de bord plus lumineux
		Mets la luminosité du tableau de bord en mode automatique
	Appareils	Active le Bluetooth
		Active le WIFI
		Ouvre la caméra



คำสั่งควบคุมด้วยเสียงทั่วไป (ภาษาไทย)

หมวดหมู่	การทำงาน	ตัวอย่างคำสั่งควบคุมด้วยเสียง
รถยนต์	เบาะ	ปรับเบาะนั่งไปข้างหลังหน่อย
		ปรับพนักพิงหลังผู้โดยสารด้านหน้าไปข้างหลังสุด
		เปิดฟังก์ชันการนวดเบาะนั่งของคนขับ
		ปรับแรงนวดของเบาะคนขับให้สูงขึ้นนิดหน่อย
	เครื่องปรับอากาศ	ปิดเครื่องปรับอากาศทั้งคันรถ

		ปรับอุณหภูมิของที่นั่งคนขับสูงขึ้นเล็กน้อย
		เพิ่มความเร็วลมของเครื่องปรับอากาศในที่นั่งด้านหลัง
		เปิดการไล่ฝ้ากระจกหลัง
		ปิดการอุ่นเบาะของผู้โดยสารด้านหน้า
ไฟ		ปิดไฟตัดหมอก
		เปิดไฟสร้างบรรยากาศ
		ตั้งไฟสร้างบรรยากาศเป็นสีแดง
		ปิดไฟอ่านหนังสือหน้า
		เปิดหน้าต่าง

โทรศัพท์	/	โทรศัพท์
		โทรหาผู้ติดต่อ
		โทร 123
		โทรหมายเลข เมื่อ
การนำทาง	/	นำทางไปที่
		ไปที่บ้าน
		นำทางไปบริษัท
สื่อ	/	รายการวิทยุ ก่อนหน้า
		เพลงถัดไป
		หยุดเล่น

		เล่นเพลง
อื่น	หน้าจอ	เปิดหน้าจอ ทั้งหมดในรถ
		ปรับหน้าจอให้ สว่างขึ้น
		เปิดความสว่าง อัตโนมัติของ หน้าจอด้านหน้า
	อุปกรณ์	เปิดบลูทูธ
		เปิดกล้อง
		เปิดกล้องหน้า

常用语音控制指令 (粤语)

分類	功能	語音控制指令範例
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車控	座椅	主駕座椅調高
		主駕座椅靠背調前
		啓動主駕座椅按摩
		主駕換個按摩模式
		司機按摩力度較到低
	冷氣	打開全車空調
		前座溫度較低
		空調風大啲
		啓動自動空調
		打開空氣淨化模式
		打開外循環
		打開前除霧
		打開智能除味
		打開座椅通風
		開司機座椅加熱 PENG
		打開自動大燈

電話	/	打電話
		打個電話畀 Anna
		重撥
		回撥
導航	/	導航去
		退出導航
		返屋企
		去公司
媒體	/	播上一個廣播
		播放音樂
		下一首歌
		停止播放



其他	螢幕	螢幕調亮
		儀表屏亮度調高
		打開儀表屏自動亮度
	設備鏈接	打開藍牙
		打開 wifi
		打開攝像頭

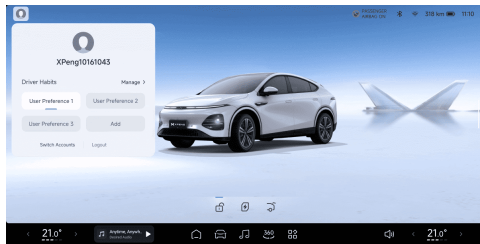
User Account

Introduction

You can log in, log out, and switch accounts by tapping the avatar in the upper left corner of the CID.

Operation

Account login



Tap the gray default avatar (not logged in) in the upper left corner of the CID, and use the cellphone APP to scan and log in. After successful login, the account's various memory

settings will be automatically synchronized to the current vehicle.

Tapping the avatar displays an account floating window, where you can select the habit you want to use. Each user habitually remembers the driver seat position and the position of the rearview mirrors. You can also tap **"Add"** to create a new habit. Up to 6 habits can be created.

Tap **"Manage"**, press and hold the habit you want to edit, and you can change the name of the habit or delete it.

Switch accounts

In the account floating window, tap **"Switch Accounts"** and use the cellphone APP to scan the code to switch accounts.

Log out

In the account floating window, tap **"Logout"** to log out of the current account.



Tips

After logged out, most of the vehicle's functions can still be used, but the user's various vehicle settings will not be remembered. If you want to use features such as driving assist, you need to log in to your account.

System Update

Introduction

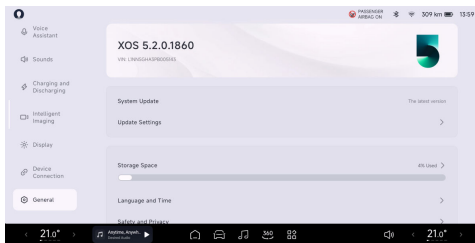
The vehicle supports updates via the CID or remote updates via the cellphone APP, providing the latest features for your vehicle. it is recommended that you update the system as soon as you receive a new version prompt.

Tips

- Please ensure that the vehicle is connected to the Internet and the upgrade notifications can only be received when the vehicle is connected to the Internet.

- If you have any other questions, please contact XPENG Service Center or Customer Service Center.

System version



In the “ → **General**” interface of CID, tap the “**XOS version number**” at the top to view the current version details of the IVI system.

Update settings

Tap “**Update Settings**” to enable the “**Auto Update**”. If the vehicle detects a new version that

can be used, it will automatically update at 3:00 am without the need for manual confirmation.

Tips

It is recommended to enable the “**Auto Update**” and keep the vehicle system up-to-date at all times.

Update method

When a new version is available, a push notification will be sent to remind you that there is a new version to update. The “**System Update**” bar will display the “**New Version**” icon, and the System Update icon  will appear in the status bar at the top of CID.

Tap the update icon  in the status bar of CID or tap the “**System Update**” bar to view the update instructions for the new version.

When there is a new version for update, there are two ways to update the system:

Scheduled update

On the new version update instructions page, tap “**Scheduled Update**”, set the time when the vehicle does not need to be used, tap “**Confirm**”, and the system update will be carried out when the set time is reached and the vehicle is locked.

After the update time is scheduled, the system update page displays the schedule information. Before the update begins, you can tap “**Cancel Schedule**” and reschedule the system update time at any time.

Cellphone APP remote update

This vehicle supports the remote system upgrade via “**XPENG App**”. When there is a new version to update, the App will send a message notification and the icon for “**new version available**” will be displayed in the upper left corner of the vehicle control. Tap the card button or the icon for “**new version available**” to enter the remote system update interface. Tap “**Update Now**” to complete the update.



Caution and Limitation

- The vehicle cannot be used during the system upgrade process, please make sure the vehicle is locked, parked in a safe area and allow enough time for the upgrade to complete.
- Vehicles cannot be charged during the upgrade process, so please arrange the upgrade and charging time reasonably.
- Failed system upgrades may cause some functions to be abnormal. If the update fails, do not use the vehicle. Tap **"Retry"** for upgrade again. Please contact XPENG Service Center or Customer Service Center after multiple failed attempts.
- After the system is updated, it cannot be rolled back to any previous version.

Navigation

Seamless Navigation

Introduction

After logging in and binding to the cellphone APP, seamless navigation can be achieved by using the cellphone to send addresses to the car and quickly initiate navigation.

Operation

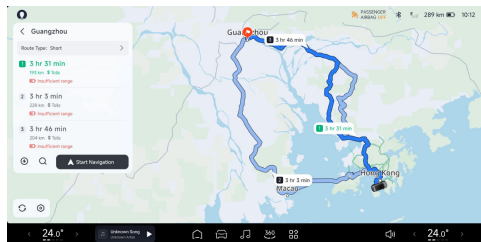
Taking the XPENG APP as an example, seamless navigation can be achieved through the following operations:

1. Tap **"XPENG→search box"** on the cellphone APP interface in sequence to set the navigation destination.
2. Tap **"Send to Car"** to send the destination information to the vehicle's CID.
3. After receiving the navigation information from the cellphone, the CID pops up a confirmation window. Tap **"OK"** on to achieve seamless navigation.

Charging Schedule

During long-distance travel, the system can automatically plan the route for driving and charging based on charging preferences.

1. On the map interface of the CID, tap “**Map Settings**” to adjust the minimum battery level when reaching the charging station and the minimum battery level when reaching the destination in the “**Charging Route Preferences**”.



2. Tap “**Charging**” in the route planning interface to enter the intelligent charging planning

interface. The system will automatically plan charging stations along the way, displaying information such as charging stations on the way, driving interval and distance, and charging times and duration. Tap “**Start Navigation**” to start the journey.

Tips

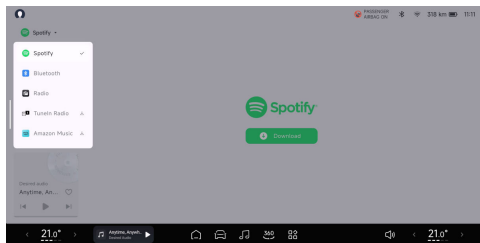
If the current battery level preference is sufficient to reach the destination, a charging station will not be automatically added.

3. During driving, the distance to the charging station and estimated time of arrival are updated dynamically. When you are about to reach the charging station, a voice prompt will be provided.



Music Applications

Introduction



XPENG vehicles provides customized music applications that support Spotify, Bluetooth, TuneIn Radio, Radio, Amazon Music.

Tap on the CID bottom taskbar “🎵”, and at the top left corner of the music interface, you can switch and play audio sources.

Radio

The vehicle supports FM/AM, and some regions support DAB.

- Switch the audio source to “**Radio**” to play the local radio station.

Bluetooth Music

Switch the audio source to “**Bluetooth**”, tap “**Connect Bluetooth**” to connect to your phone Bluetooth, and then you can listen to songs on your phone in the car.

Wired projection

Introduction

It supports wired screen projection, allowing you to easily project the images of game consoles, computers and other devices (including Switch, MacBook, etc.) to the large screen of the car and enjoy an unprecedented visual feast.

Operation

1. Tap the CID “”, in the application center “” and tap the “**Wired projection**”.
2. Connect the front Type-C or Type-A connector using an HDMI cable and a video capture card.

Tips

The Switch requires an additional PD charging cable that plugs into a video capture card or HDMI and connects to the C port on the vehicle end.

3. The connection is successful and the screen is displayed on the screen.
4. Wired projection screen:
 - Swipe left up or down to adjust the screen brightness.
 - Swipe up or down on the right to adjust the media volume.
 - Supports contact mute.

5. Click the screen, and tap “**Exit Projection**” in the upper left corner to exit the projection screen.

Tips

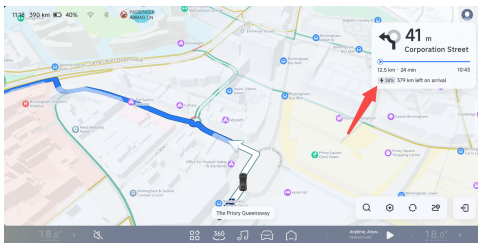
Due to Sony PS, Xbox, etc. require high voltage, it is not recommended to use the in-vehicle transfer port for projection. However, it is possible to use the outside power supply to power the device when parked.

AI Cockpit

Battery percentage display

Upgrade

The estimated range at the destination has been increased to include battery percentage display, making battery management more intuitive.



Navigation voice broadcast

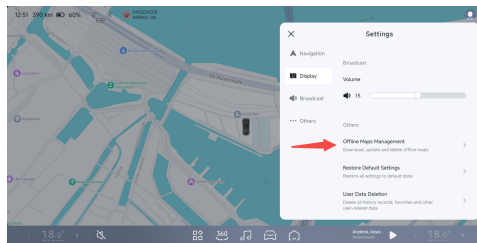
New Features

Support Hebrew navigation voice broadcast.

Navigation optimization

Offline map

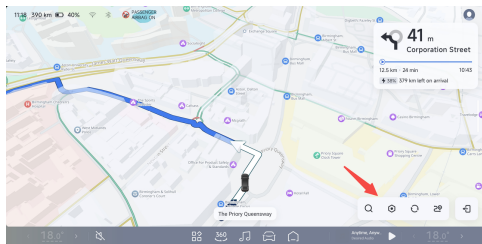
1. Added recommended download areas to the offline map management page.
2. Download offline map data for the current area and navigate even without a network connection.



New Features

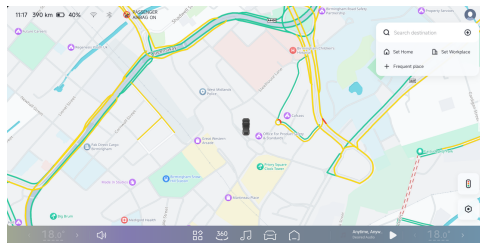
1. Navigation performance continues to improve, map operation and animation effects are smoother.
2. Navigation search association capability upgraded, recommended results are more accurate after entering keywords.
3. Optimize the guidance strategy and map view of the large screen and instrument navigation, and make the route guidance clearer.

4. More function buttons are always present in the navigation for more convenient search and other operations, see



Visual Improvement

1. The map style is dynamically adjusted according to browsing, navigation, and other scenes, providing a more suitable user experience.
2. Newly upgraded map style, clearer road network hierarchy, and richer location elements :



3. Switching between day and night modes with smooth transitions for a more natural visual experience :

Expansion of Language Types

New Languages

New Inni language car interface added, please click  choose **language and time** to set this function.

Tips

This version is only for F30V/F30R/E28aV



Application Optimization

New Features

New local media application that can play music and videos through USB flash drive.

Tips

This version is only for F30V/F30R/E28aV

Guest Mode

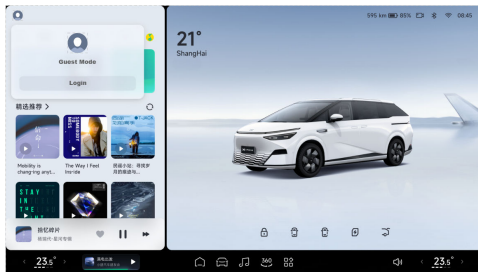
Introduction

New Features

Visitor mode, replacing the original logged in state, automatically opens when unlocking the vehicle with a physical key.

Operation

1. If the user's vehicle is in an unregistered state before OTA, after OTA, the vehicle status changes to guest mode, and the vehicle settings and stored content remain unchanged;



2. Users can enter guest mode or switch accounts while already logged into their Xpeng account.

X-Combo

Custom callable atomic capability expansion

New Features

1. Enhanced perception capabilities, including sentinel mode triggering, temperature sensing

inside and outside the vehicle, speed sensing, and remaining range sensing.

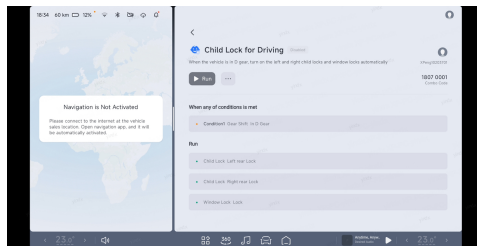
2. Expansion of execution actions, including the addition of sentinel mode switch, driver status monitoring reminder switch, emergency lane keeping sound warning switch, intelligent speed limit auxiliary alarm sound switch, and the ability to execute based on judgment conditions.

Share inheritance function

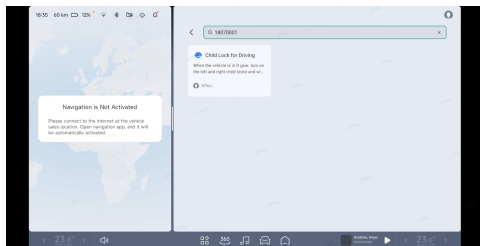
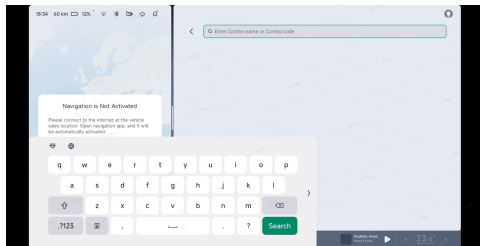
Introduction

Add scene code to the scene. The car application can view scene codes for various scenarios, and scene codes shared by others can be found and added by entering them in the search portal. Support cross vehicle scenario sharing.

Operation-Combo code



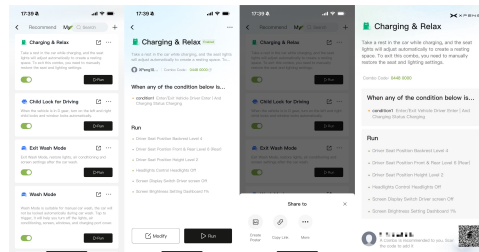
1. Click  , find a combo, and you can see a combo code on the top right corner.
2. You can also enter Combo name or Combo code from the Search Bar.



Operation-mobile APP

The mobile APP adds a new sharing inheritance function. The scene can generate a QR code or

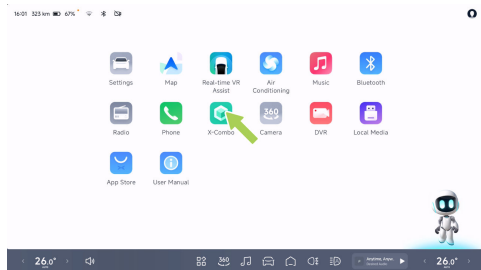
link to share. Others can scan or click the code to view the details and add:



3

Car APP

Feature entry



Tap the CID “” find the “**X-Combo**” in the application center to enter the Intelligence combo interface.

Pick a combo

Combo selects a series of creative and practical car use scenarios. It can be picked up in the “**Recommend**” interface, Click on “**Driving combo**” to view the scenario details. Log in to

your account from the CID. Tap “**+ Add**” to add to my combo.

My combo

You can enable/deactivate/delete/run the combo by logging in to the account in the CID.

Combo editing

X-Combo supports custom editing of the cards in my combo.

1. Log in to your account on the CID, under the My Combo screen, click the scene card to enter the card details screen.
2. Click … “**Modify Combo**” from the icon drop-down menu.
3. Use the Xpeng APP to scan the QR code for editing.

Tips

Changes to the combo require both the vehicle and the mobile phone to be connected



to the network before the update can be synchronized.

Run a review

The enabled combo automatically performs one or more sequential functions when the vehicle meets the set trigger conditions. You can click **"Running"** on the status bar above the CID to view or stop the currently running combo.

Mobile APP

Feature entry

In the Xpeng APP **"XPENG→X-Combo"** interface, to make your own combo settings.

Pick a combo

X-Combo selects a series of creative and practical car use scenarios. You can choose from the **"recommend"** interface. Click on **"Driving Combo"** to view the combo details. Tap **"+ Add"** to My Combo. At the same time, it can be **"adjusted according to your own car habits through custom editing."**

Changes to the combo require both the vehicle and the mobilephone to be connected to the network before the update can be synchronized.

Personalize

X-Combo support the need for personalization of cabin features. Click **"My Combo→+→Create a Combo"** to start personalization.

The system provides **"In-car trigger"** **"Remote trigger"** both in-vehicle triggering and remote triggering modes of operation. Support time, environment, vehicle state, etc. as trigger conditions for automated operation. It also supports a wide range of programmed actions such as driving mode adjustment, climate settings, etc.



caution

- Always keep the vehicle and personnel safe while the combo is running.
- It is recommended to select **"Intelligent Query"** When creating Combos. The combo

task will then determine the level of safety of the combo based on the state of the vehicle before it is carried out at the end of the vehicle, if there is a road safety risk (e.g. adjusting the driving mode in D). A Xpeng smart recommendation card in the CID will be used to ask if the combo is to be executed if **“do not query”**, The combo is performed immediately when the trigger condition is met, be aware of the associated security risks.

Mobile-Vehicle interaction

Introduction

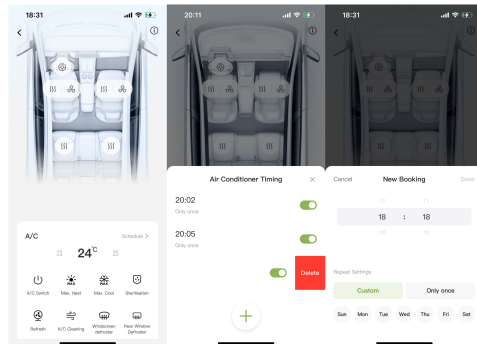
Air conditioning reservation supports custom cycles, and any combination of reservations can be set from Monday to Sunday

Operation

1. Open the mobile APP, and click A/C Schedule ;

2. Open Air Conditioner Timing and then set custom cycle ;

3. Add a new booking





Driving Recorder(Non-EU)

Introduction

The Drive Recording feature enables video recording of the vehicle while driving and storing the video on a USB stick. Video files can be used to view past information when the user needs it, or used to assist in evidence collection in the event of an accident.

Warning,Caution and limitation

- Drive recording is stored for approximately 1 minute by default, if the vehicle is locked down during recording, USB flash drive will pop up, clear video, Formatting or switching the recording view will cause the recording to be interrupted, driving recording will save the recorded video and then rerecord a new video. The video may be less than 1 minute.
- Avoid an emergency power down during driving recording, which will prevent the video being recorded from being saved.
- Drive video is stored in a separate USB drive, do not remove the USB drive directly. To pull out, first control the screen in the center “ → **Driving Recorder** → **Manage Storage**” interface, Click the “**security pop-up**”, Otherwise, the video being recorded may be lost and may result in damage to the USB drive and corrupted or lost video data. Try to avoid the use of plug adapters, docking stations, etc., which can cause loose connections.
- When driving video is on, the video is recorded in a loop, overwriting the oldest video when it is full. To ensure that important videos are not overwritten, export important videos to other devices, such as a mobile phone or computer, as necessary.
- For better technical standards, please select 32GB or above, USB 2.0 or above, write speed 10MB/s or above USB drive.
- Only USB drives with partition formats FAT16, FAT32, NTFS are supported, non-formatted USB drives are recommended to be actively formatted once. Formatting will delete all files



on the USB drive, please save important data before formatting.

- The USB drive has a fixed lifetime of number of writes and is a consumable item. For example, if the USB drive has been in use for more than half a year and the video is found to be very slow to read or video is lost frequently, replace the USB drive with a new one.
- Watch the video carefully for your safety while the vehicle is in motion.

Driving Recorder(EU)

Introduction

The Drive Recording feature enables video recording of the vehicle while driving and storing the video on a USB stick. Video files can be used to view past information when the user needs it, or used to assist in evidence collection in the event of an accident.

Warning,Caution and limitation

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- The USB drive has a fixed lifetime of number of writes and is a consumable item. For example, if the USB drive has been in use for more than half a year and the video is found to be very slow to read or video is lost frequently, replace the USB drive with a new one.
- Watch the video carefully for your safety while the vehicle is in motion.

X-Combo

Introduction

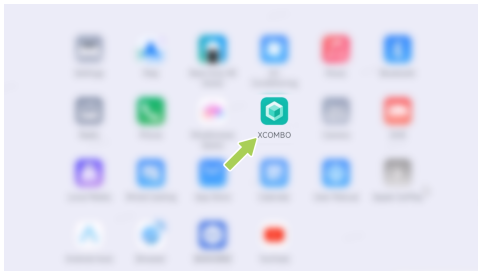
Smart scenes allow you to personalize cockpit functions based on your driving habits, for example: locking the child lock while driving: when the car is in D gear, the left and right child locks and the window locks will be locked.

caution

To ensure a better experience, the Xiaopeng Motors app is recommended to be upgraded to version 3.3.0 or above. The vehicle system must be upgraded to version 5.4.5 or above.

Vehicle APP

Function entry



Click on the CID “”, in the App Center, click “**X-Combo**” enter the X-Combo scene interface.

Select combo

X-Combo has selected a series of creative and practical car use scenarios, which can be used in “**Recommended Stores**” Interface selection, click “**Combo card**” To view the scene details, log in to

your account on the CID and click “**Add**” can be added to My Combo.

My Combo

Log in to your account on the central control screen and you can enable/disable/delete/restore/run combo.

Combo Editing

X-Combo supports custom editing of cards in My Scene.

1. Log in to your account on the CID, and in the My Combo interface, click the combo card to enter the card details interface.
2. Click  Icon drop-down menu “**Edit Combo**”.
3. Use the XPENG App to scan the QR code for editing.



Tips

After the scene is changed, both the car and the mobile phone must be connected to the internet for synchronization to be updated.

Run and view

The enabled scene will automatically execute one or more continuous functions after the vehicle meets the set trigger conditions. You can click the status bar above the central control screen to **“Combo is running”** to view, stop, or resume the currently running combo.

One-click recovery

During and after a smart combo is running, you can restore it to its pre-scene state by:

- When the combo is running, you can click on the upper left corner of the CID **“Combo is running”**, in the expanded Live card, select the combo you want to restore and click **“Recover”** to stop the combo and restore it to recovery.

- When the combo is running, you can also click on the CID “ → **X-Combo→My Combo**” Click on the corresponding combo to proceed **“Recover”** to stop the running combo and recover.
- After the combo is finished, you can click on the CID “ → **X-Combo→My Combo**” select the combo you want to restore, and click **“Recover”** to stop the running combo and recover to its state before the scene was run..

Tips

Currently, the atomic capabilities that support recovery include air conditioning, seat position, and screen display. Subsequent versions will add more recoverable atomic capabilities.

Mobile APP

Feature entry

In the Xpeng APP **“XPENG→X-Combo”** interface, to make your own scene settings.



Pick a combo

Smart Scene A selection of innovative and practical car scenarios. You can choose from the “**recommended**” interface. Click on “**Dring Combo**” to view the scenario details. Tap “+ Add” to My Combo. At the same time, it can be “adjusted according to your own car habits through custom editing.

i Tips

After the scene is changed, both the car and the mobile phone must be connected to the Internet to update synchronously.

Personalize

X-Combo support the need for personalization of cabin features. Click “**My Combo→→Create a Combo**” to start personalization.

The system provides “**In-car trigger**” “**Remote trigger**” both in-vehicle triggering and remote triggering modes of operation. Support time, environment, vehicle state, etc. as trigger conditions for automated operation, It also

supports a wide range of programmed actions such as driving mode adjustment, climate settings, etc.

You can also “achieve multiple-condition, continuous-sense judgment with advanced settings. High-level applications such as simultaneous multitask execution and instruction delay execution.

! caution

- When the scene is running, please make sure that the vehicle and personnel are safe.
- When you “**Create combo**” select “**Smart Query**” mode, so that before the scene task is executed on the vehicle side, the scene safety level will be judged according to the vehicle status. If there is a driving safety risk (such as adjusting the driving mode in D gear), the central control screen will ask whether to execute the scene through the small P smart recommendation card; if you choose “**Do not ask**”, the scene will be executed immediately when the trigger



conditions are met. Please pay attention to the related security risks.

Co-Driving

Introduction

When the LCC Driving Aids feature is activated and the vehicle speed is below 130 km/h, you can actively control the vehicle by pressing the accelerator pedal and turning the steering wheel, when the vehicle is in shared drive mode and the center screen displays the relevant information. The system will automatically return to LCC assisted driving when the accelerator pedal is actively released or the steering wheel is gently grasped after you have completed a lane change, walkaround and steering.

Operation

Open and Close

On the CID, click “**Driving Assistance**” interface, enable or disable the Co-driving Mode, or choose to start the co-driving mode silently.

Co-Driving Mode Activate

1. The LCC assisted driving function is activated and the vehicle speed is below 130 km/h.
2. When you autonomously control the vehicle by turning the steering wheel or pressing the accelerator pedal, the LCC indicator light on the SR interface of the CID displays a zooming breathing effect, and the central control screen displays the co-driving mode card.

warning

- In shared driving mode, the vehicle speed must be below 130 km/h. If the vehicle speed exceeds 130 km/h, shared driving mode will be inactivated or the LCC assisted



driving function will be directly exited and manual driving will be resumed.

- After pressing the accelerator pedal, the vehicle speed is controlled by the driver and is not controlled by LCC or Intelligent Speed Limit Assist. Please use it with caution and pay attention to driving safety.

Restore LCC function

When the vehicle is in shared driving mode, the following operations will revert to LCC assisted driving status:

- Actively release the accelerator pedal.
- Release the steering wheel or stop turning it and change to a light grip.

Warning, Caution and Limitation

warning

- In Co-Driving mode, the driver controls the vehicle. Please always observe road conditions and do not rely on this feature

to respond to sudden emergencies, as this could result in personal injury or death.

- If the driver takes actions such as pressing the brake pedal, the LCC function will be disabled. Please carefully read the LCC section.
- If you detect danger or encounter a situation requiring takeover, take over immediately; do not wait for the vehicle to request it.
- When the vehicle issues a takeover request through the SR interface or voice announcement, take over immediately.
- When encountering complex situations such as curves, intersections, and narrow roads, or when changing lanes or maneuvering around stationary obstacles or slow vehicles, actively control the vehicle's direction and brake if necessary.
- When encountering complex situations such as curves, intersections, and narrow roads, if you need to resume LCC, do so after you have completely navigated the curve

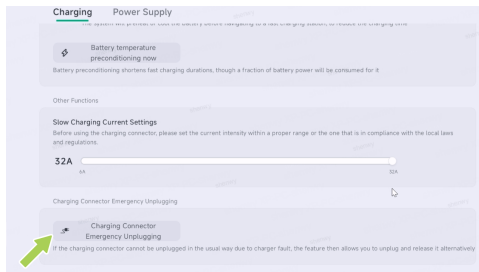


or intersection and returned to the center position and are within the lane markings.

Slow charging pile charging operation

Slow charging port emergency unlock

If the charging gun still cannot be unplugged after the vehicle has been unlocked multiple times, you can unplug the charging gun in the following ways:



On the CID “ → **Charging and Discharging** → **Charging**” interface, click “**Charging Connector Emergency Unplugging**” You can manually unlock the charging gun and remove it. If charging is in progress, unlocking the charging gun will end charging prematurely. Please confirm before proceeding.

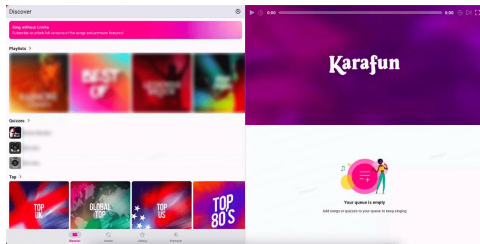
4

Karaoke Without Microphone

Introduction

After downloading the Karafun music app from the central control screen, open the app to achieve a wheat-free K-song experience, free hands and free to sing.

Operation



1. When you open the Karafun app for the first time, the microphone-free karaoke function will be automatically turned on. You can also manually click the floating ball to turn it on or off.
2. Enable the wireless microphone function.
3. After selecting a song, you can sing it directly, and the car audio system will output the mixed effect of vocals and accompaniment in real time.

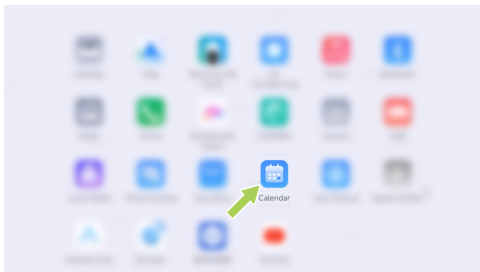
Calendar

Introduction

The central control screen synchronizes the phone's schedule for nearly three days, and if the schedule contains addresses, you can navigate to a destination by tapping the navigation buttons directly in the schedule.

Operation

1. Click on the mobile app **"My XPENG→Settings→Calendar Sync"** interface, turn on the "Calendar Sync" function, and authorize the mobile phone APP to access the mobile phone schedule information.
2. After the vehicle is powered on, when the mobile phone APP is logged in with the same account as the CID, the central control screen will automatically synchronize the schedule information of the mobile phone.



Click on the CID “**APP Center→Calendar**” Enter the calendar interface, where you can view the schedule for the next three days.

4. Click on the corresponding schedule to enter the schedule details interface. If the schedule contains an address, click on the card below “**Navigate to Address**”, the CID will automatically jump to the navigation search interface, and you can start navigation by selecting the destination.

Currently, only the system's own maps are supported. Third-party maps do not support the schedule address jump function.

Common Bluetooth devices

Introduction

After you set a Bluetooth device as a frequently used device on the central control screen, the central control screen will prioritize connecting to the frequently used device when you unlock the vehicle and enter the vehicle. Once the connection is successful, the central control screen will automatically log in to the account associated with the currently used Bluetooth device.

Tips

Only one frequently used device can be set up under one account.



Operation

1. Make sure that the central control screen has an account logged in and the mobile phone Bluetooth is successfully connected to the central control screen Bluetooth.
2. On CID “ → **Device Connection** → **Connected** → **Bluetooth**” Enter the Bluetooth pairing interface and click on the right side of the paired device , enter the Bluetooth settings interface.
3. On the Bluetooth settings screen, click “**Set as a frequently used device**” Set the Bluetooth device as a common device.

Custom Lock/unlock Sound

Introduction

You can set the vehicle unlocking sound effect according to your preferences. After setting, when you unlock the vehicle, the vehicle will automatically trigger the sound effect according to the setting.

Operation

1. Create a new folder called "Lock/Ulock" in the USB drive.
2. Import the audio into the folder you created.

Tips

The length of each audio file should not exceed 30 seconds.

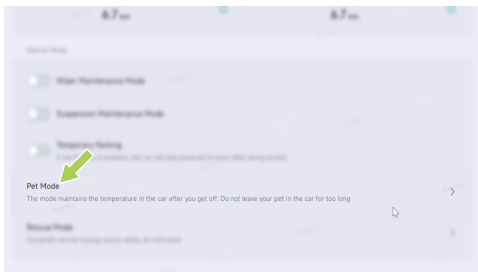
3. Insert the USB drive with the audio file into the USB port, and the status bar on the central control screen will display The icon indicates that the USB flash drive is connected successfully.
4. On the CID, click “ → **Doors and Windows** → **Lock/Ulock Sound**”, you can set the unlocking sound effect in the pop-up window.



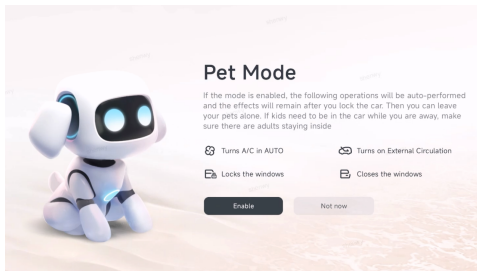
Pet Mode

Introduction

On the CID “→Vehicle” interface to enable pet mode.



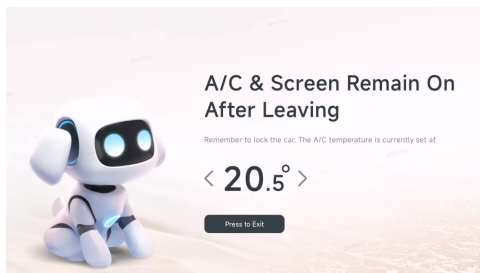
When the driver leaves the car, it can ensure the safety of pets left alone in the car and will remind you of the safety situation inside the car. If there are children in the car, please ensure that they are accompanied by an adult.



Operation

Pet mode can only be enabled when the vehicle is in P gear and the remaining battery power is greater than 20%.

When pet mode is turned on, the air conditioner automatically turns on AUTO mode to ensure a comfortable temperature inside the car. The four windows automatically close and the window locks automatically lock.



When the driver leaves the car, the central control screen will display the current air conditioning setting temperature in the car to inform pedestrians around that no rescue is required.

In the pet mode interface of the CID, long press “**Press to Exit**” button to exit pet mode.

Tips

When the vehicle battery level is lower than 5% or the vehicle function is abnormal (such as air conditioning abnormality), the pet mode

will automatically exit, and then the windows will open 10% to ensure air circulation in the car. At the same time, the mobile phone APP will receive a reminder message.

Wake Word Enhancement

Operation

1. In the CID, “ → **Voice Assistant** → **Wake Word Enhancement**” interface, Click “**Wake Word Enhancement**” Turns on the wake-up word enhancement.
2. Click Wake Word Management under the Wake Word switch to enter the Wake Word Management screen:
 - Add: Click “**Add to**” follow the system prompts to add a wake word. Save up to 8 recorded wakeup words is supported.
 - Edit: Long press the corresponding wakeup word to enter the wakeup word editing screen where you can rename the wakeup



word name or delete the recorded wakeup word.

Before recording a wake-up message, make sure the vehicle meets the following conditions:

- The vehicle is in P gear.
- All doors (including front compartment lid, boot) are closed.
- All windows are closed.
- Owner or co-owner is occupied.
- Multimedia does not play.

- Time: Time Format can be set or Automatic Rimezone can be set on/off, time zone can be set manually when automatic time zone is turned off.
- Speed: The speed display can be set in km/h or mph.
- Temperature: You can set the temperature display unit to display as "°C" or "°F".
- Air Pressure: Tire pressure can be set to display in kPa, bar or psi.

Language and Time Setting

Operation

From the center control screen, click “ → **General** → **Language and Time**”, Enter the Language and Time screen where you can set the following:

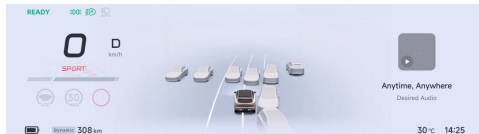
- Language and Region: To set the language and region.

Surrounding Reality (SR) Display

Introduction

SR can simulate the current day and night effects and the traffic environment around the vehicle on the instrument panel and CID.

Instrument cluster SR interface



CID SR interface



The SR interface includes the following functions:

- 3D vehicle control [See 85 page](#)
- 3D charging/discharging [See 85 page](#)
- Driving risk warning [See 89 page](#)
- Front vehicle start reminder [See 90 page](#)
- Green light reminder* [See 92 page](#)

warning

SR is only a driving assist function, and the driver is fully responsible for driving safety. Do not solely rely on this function to control the



vehicle, as this may result in injury or even death.

Warning, Caution and Limitation

warning

SR will not work properly when:

- Camera is limited.
- The vehicle is driving through a sharp curve or on the poor road conditions.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the SR.

3D Vehicle Control

Introduction

When the vehicle is in P gear, tap the icon below the 3D car model on the CID or directly tap the hotspot on the car model to unlock/lock the entire vehicle (only the icon is supported)

or open/close the charging port cover and the trunk.



3D Charging/Discharging

Introduction

When the vehicle is in P gear and a charging plug or external power supply device is inserted, the global intelligent driving interface of CID displays the charging and discharging status, showing the charging and discharging progress and key information.

i Tips

- For specific instructions on vehicle charging, please refer to the charging guide .
- For specific operations on external power supply by the vehicle, please refer to the description of external discharge V2L .

Charging

Scheduled charging

This interface displays information such as the scheduled charging start time and current range.

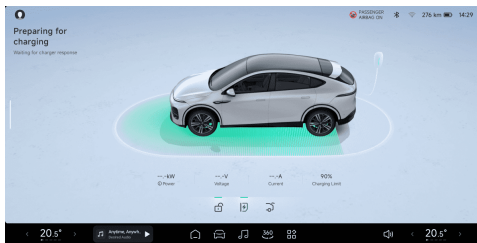
- Tap “**Charging Limit**” below the car model to jump to the “**Charging and Discharging**” page to customize “**Charging Limit**” See [283 page](#). It is also possible to select “**One-Tap Optimal**” where the system will set the optimum charging limit based on the current traction battery status.

i Tips

It is recommended to use the optimal charging limit recommended by the system for faster charging speed.

- Tap “**Current**”, “**Voltage**”, and “**Power**” to pop up a window of charging curve.
- Tap “**Start Charging**” to enter the charging preparation.

Charging in preparation



During charging preparation, the system will wait for the charging station to respond; If the battery temperature is low, the charging power may be



affected. At this time, the battery will be heated first, and the status of **“Battery being heated”** is displayed temporarily. After the heating is completed, charging is started automatically.

In normal charging



When normal charging is used, the interface displays charging information such as Current Range, Estimated Time Maintaining, Enter Range Value, Power, Voltage, Current, Charging Limit, etc. Tap **“Stop Charging”** to complete this charging.

Charging fault

If there is a fault during the charging process, the charging interface will display the cause of the charging fault and recommendations on how to proceed.

warning

If there is a fault prompt, please do not attempt to charge again. Please contact XPENG Service Center immediately.

Charging completed

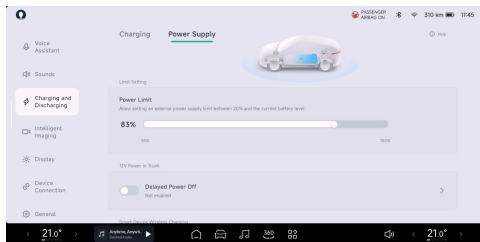
After charging is completed, the interface displays charging information such as Current Range, Charging Duration, and Enter Range Value.

Discharge

Preparing for external power supply

After an electrical device is connected, the interface shows that the device is connected

and the external power supply is automatically started.



- Tap the **“Power Limit”** below the car model to jump the **“Charging and Discharging”** page to customize the **“Power Limit”**.

Tips

The minimum external power supply limit of the vehicle is 20% of the traction battery SOC.

- Tap **“Voltage”**, **“Current”**, **“Charging Limit”** to pop up a window of discharge curve.

Power supplying externally

This interface displays charging information such as current range, power supplied externally, reduced range, power limit, current, voltage, power, etc.

Tap **“End Power Supply”** to complete this discharge.

External power supply fault

If there is a fault during the external power supply process, the interface will display a pop-up window with the cause of the external power supply fault and recommendations on how to proceed.

warning

If there is a fault prompt, please do not attempt to provide power externally again. Please contact XPENG Service Center immediately.

External power supply stopped

- When the power limit is reached, the system stops supplying power externally. If you want



to continue supplying power at this time, you need to reset the power limit and tap **“Start Power Supply”**.

- If you want to continue power supply after tapping **“end power supply”**, you can tap **“Start Power Supply”** directly.

Tips

If the power limit has reached 20% of the traction battery SOC, external power supply cannot continue.

Driving Risk Warning

Introduction



When driving assist is not enabled and the vehicle is in D gear, the SR interface will provide a warning if there is a dynamic obstacle close to the vehicle or if there is a potential safety risk.

The obstacle turns red for warning of medium risk, while the obstacle turns red accompanied by a warning sound for warning of high risk.

Warning, Caution and Limitation

The driving risk warning is intended for warning purpose only, and it is the driver's responsibility to observe the surroundings and make decisions accordingly.

warning

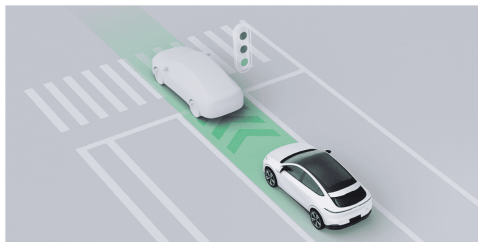
In the following situations, the driving risk warning may not be triggered. Including but not limited to:

- Camera or radar is limited.
- When travelling on roads with large bends.
- When travelling on roads in poor conditions.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of driving risk warning.

Front Vehicle Start Reminder

Introduction



When driving assist is not enabled and the vehicle is in D gear, the SR interface will display an animated special effect to remind the driver to start if the vehicle in front moves a certain distance away on a congested road.



Warning, Caution and Limitation

warning

The front vehicle start reminder may not be triggered in the following situations, including but not limited to:

- There is a pedestrian, bicycle, motorcycle, etc. ahead.
- There is no vehicle ahead.
- The vehicle is in a non-D gear.
- The vehicle is greater than 0 km/h.
- The distance to the front vehicle is relatively far.
- The front vehicle is stationary for relatively short period of time.

warning

Under specific circumstances, the front vehicle start reminder may be restricted, including but not limited to:

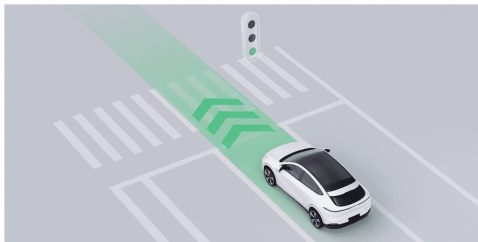
- Poor visibility at night.

- Poor visibility caused by adverse weather conditions such as heavy rain, snow, fog, and dusts.
- Strong light, backlighting, light reflection by water, extreme light contrast.
- Camera is limited.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the front vehicle start reminder.

Green Light Reminder*

Introduction



When driving assist is not enabled and the vehicle is in D gear, if the traffic light turns green but the vehicle is not started while waiting, the SR interface displays a special animation effect for green light start and emit a warning sound to remind the driver to start driving.

Warning, Caution and Limitation

warning

The green light reminder may not be triggered in the following situations, including but not limited to:

- The system did not recognize the traffic light information
- There is a vehicle, non-motorized vehicle, and pedestrian ahead.
- The vehicle is in a non-D gear.
- The vehicle is greater than 0 km/h.

Under specific circumstances, the green light reminder may be restricted, including but not limited to:

- Poor visibility at night.
- Poor visibility caused by adverse weather conditions such as heavy rain, snow, fog, and dusts
- Strong light, backlighting, light reflection by water, extreme light contrast.



- Camera is limited.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the green light reminder.

Around View Monitor (AVM)

Introduction

AVM utilizes surround view cameras installed around the vehicle to capture the surroundings and display them on CID.

Surround view cameras are installed above the license plate and below the left and right exterior rearview mirror [See 22 page](#).

AVM can be activated via:

- Xiao P voice assistant
- CID
 - Application center “AVM”
 - AVM on the bottom taskbar.
- Steering wheel customized keys

caution

The objects in the AVM image may be distorted from the actual objects.

warning

AVM is only a driving assist function and will not work in all traffic, weather and road conditions. The driver is fully responsible for driving safety. Do not solely rely on this function to control the vehicle, as this may result in injury or death.

Operation

2D mode interface



1. 3D/2D mode switching.



2. In 2D mode, view from the front left/right wheel hubs.
3. In 2D mode, view from the front and rear left/right wheel hubs.
4. Image setting

Taping “” will redirect you to the “**Intelligent Image**” page, where you can set up imaging related functions.

Enter the driving gear interface



1. Radar warning

- Simulate display based on obstacle distance and direction.
- White indication for relatively far distance.
- Red indication already very close distance.
- The distance between the vehicle and the nearest obstacle is also displayed numerically in front of and behind the vehicle respectively.

2. Dynamic trajectory line

- The width of the vehicle is shown with two thin white lines.
- The distance from the vehicle to the object is indicated by segmented scale lines in the front/rear view.
- The distances indicated by each scale line from near to far are approximately 0.6 meters, 1 meter, and 1.5 meters, respectively.

3. Tire track surface

- Indicating the wheel travel route.

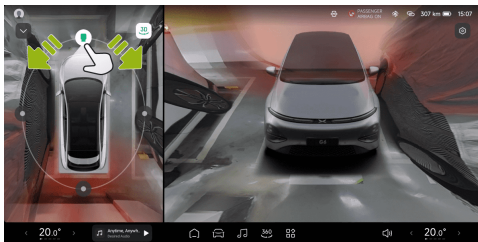
4. Safe stop line

- Indicating a position approximately 0.3m away from the rear of the vehicle.

warning

Please stop reversing when the safety stop line touches an obstacle.

3D mode interface



- After switching to 3D mode, the system will integrate the 3D virtual car model into the real environment image.

- Slide in circles around the left car model  or rotate the right car model directly to achieve 360° free rotation.
- If there is no operation on the screen within 5 seconds, the circle and icon will be hidden automatically. Taping on the top view area displays the circle and icon again.
- Tap “” on the current interface to activate the “**3D Transparent Body**”, and the 3D virtual car model will switch to a transparent state for direct observation of the road conditions under the vehicle chassis.
- Tap “” on the current interface to activate “**Transparent Chassis**”, and the left top view will switch to a transparent chassis when the vehicle driven at a low speed, and the virtual car model will be superimposed on the image of the real road surface, making it easy to observe whether there is a risk of collision around the vehicle.



caution

The objects in the displayed image may be distorted compared with the actual objects.

warning

Transparent chassis and 3D transparent body are only used to assist in observing the underside of the vehicle during parking and driving, do not rely solely on this function.

Reversing image hold

The “**Reversing Image Hold**” can be activated/deactivated on the “→**Driver Assistance**→**Parking**” interface of CID.

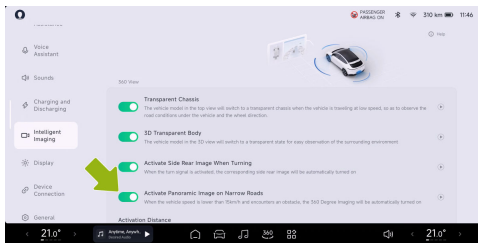
After the function is turned on, the AVM switches to the front view when shifting from R to D. AVM is exited automatically when shifting to P gear or driving at a speed exceeding 10 km/h.

AVM Activation on Narrow Lane

Introduction

The vehicle is engaged in D gear and driving at a speed below 15km/h. If obstacles are detected on both sides of the vehicle, the vehicle will activate narrow road view assist to assist driving.

Operation



On the “→**Intelligent Imaging**” interface of CID, you can activate/deactivate the “**Activate Panoramic Image on Narrow Roads**”, and select

different sensitivity levels according to driving habits.

i Tips

- The trigger range option is about 50cm for closer, about 60cm for moderate, and about 75cm for farther.

Side and Rear Image Activation at Turning

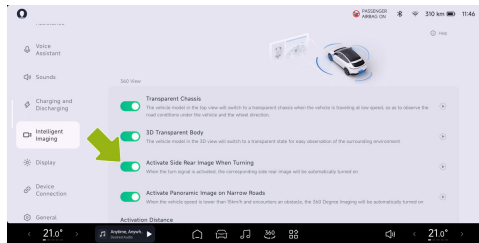
Introduction

When the vehicle is in non R gear and the turning light is turned on, the vehicle will automatically turn on the corresponding side and rear image, making it convenient to view the blind spot on the side and rear, and assisting driving.

i Tips

During autonomous driving, this function will be deactivated.

Operation

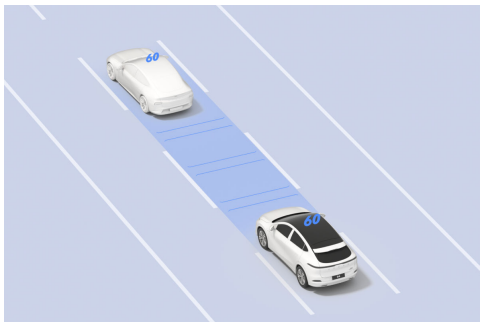


On the “ Intelligent Imaging” interface of CID, you can activate/deactivate the “**Activate Side Rear Image When Turning**”.



Adaptive Cruise Control (ACC)

Introduction



The ACC can control the vehicle to follow the vehicle ahead at the set distance. If the target vehicle ahead stops, the subject vehicle will also stop, and if the target vehicle ahead starts within 90s, the subject vehicle will follow and start; If there is no target vehicle ahead, the function

will control the vehicle to move according to the maximum set cruise speed.

The ACC integrates with adaptive turning cruise control (ATC) function which acquires the curvature of the ahead road through the camera. When ACC is turned on and the vehicle follows the lane lines or the preceding vehicle for a turning, ATC will adjust the vehicle speed to improve the comfort and stability of the turning.

Tips

The brake light will illuminate when ACC is actively slowing down to keep a distance from the vehicles ahead, and the accelerator pedal will not move when ACC is actively accelerating.

warning

ACC is only a driving assist function and will not work in all traffic, weather and road conditions. The driver should be fully responsible for driving safety, and always hold the steering wheel while driving, observe the

road conditions, and take over the vehicle in time if there is any danger. Do not solely rely on this function to control the vehicle, as this may result in injury or even death.

Instrument panel indicators



ACC can be activated if the ACC activation condition is met.



ACC has been activated.



Maximum speed limit value of ACC/LCC, and any function activated.



Maximum speed limit value of ACC/LCC, and no function activated.



There is a fault in the system.

Operation

Activating ACC

The  on the instrument panel will be illuminated when the ACC can be activated.



Move the shift lever down to the bottom 1 times to activate ACC, and the SR interface will be turned on, accompanied by a voice prompt.



i Tips

ACC can be activated if the following conditions are met:

- ACC components work normally with a clear view;
- The windshield wipers are not in HI gear;
- The brake pedal is not depressed;
- The vehicle speed
 - is between 30~150 (no vehicle in front) or 0~150 km/h (vehicles ahead at least 2 m away from the subject vehicle);
- There are no safety risks, including but not limited to:
 - The seat belts are fastened properly;
 - Keep both hands on the steering wheel;
 - All doors closed;
 - Tire pressure is normal;
 - ABS and AEB are not activated;
 - No fatigue driving.

If any of the above conditions are not met, ACC cannot be activated.

Setting cruise speed

The maximum cruise speed can be set by the scroll wheel on the left side of the steering wheel or the speed assist system (SAS) [See 118 page](#) interface.



Assisted Driving



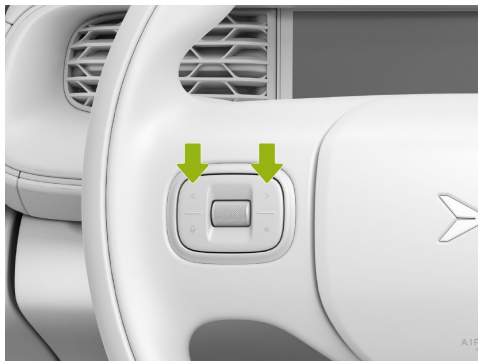
When rolling the scroll wheel slowly, the maximum cruise speed changes by 1km/h, and when rolling the scroll wheel quickly, the maximum cruise speed changes by 5km/h

You can temporarily increase the vehicle speed by depressing the accelerator pedal. After the vehicle speed increases, if you move the shift lever down, you can set the current vehicle speed as the new cruise speed, or release the accelerator pedal, and the vehicle will decelerate to the previously set cruise speed.

Tips

Cruise speed setting range: 30~150 km/h.

Setting following distance



The following distance level can be set through the left/right button on the left side of the steering wheel, and there are 5 levels to choose from.



Tips

When setting the following distance, the ICM will display the level of the distance.

Alarm and takeover

warning

- If the vehicle sends a takeover request through the SR interface or voice broadcast, the driver should take over the vehicle immediately.
- If a danger is detected, or a scenario requiring takeover occurs, the driver should take over the vehicle immediately instead of waiting for a takeover request.

When ACC is activated, it can be taken over in the following ways:

- Depressing brake pedal: Take over the vehicle temporarily. After the vehicle speed increases, if you move the shift lever down, you can set the current vehicle speed as the new cruise speed, or release the accelerator pedal, and

the vehicle will decelerate to the previously set cruise speed.

- Depressing accelerator pedal: Exit the ACC and decelerate.
- Moving shift lever up: Exit the ACC and the energy recovery will decelerate the vehicle.

At this time, ACC function is activated; Then if the conditions are not met, ACC will exit, please take over the vehicle.

Warning, Caution and Limitation

Please read all sections about ACC in this manual, and you should know these restrictions before using this function.

ACC is designed for driving comfort and convenience, which does not belong to the collision warning or avoidance systems. The driver has the responsibility to keep vigilant, drive safely, and control the vehicle at any moment. Please do not rely on the system to fully decelerate the vehicle speed, make sure to keep an eye on the preceding road conditions



and be ready to take any corrective measures at any time, otherwise, severe injury or even death may occur.

You have the responsibility to determine and always keep a safe following distance, and do not rely on ACC to maintain accurate or proper following distance.

warning

ACC is only a driving assist function and will not work in all traffic, weather and road conditions. Please do not use or activate ACC when:

- The vehicle is driving on roads with changing road conditions such as twisty or sharp curves (e.g., s curve, continuous u curves, etc.).
- The vehicle is driving on roads with poor road conditions such as icy or slippery roads.
- There are bad weather conditions, such as heavy rain, heavy snow, dense fog, etc.

- The vehicle is driving on roads in urban areas.

warning

ACC will not work well in the following special and complicated road conditions, poor weather or lighting conditions, please pay attention to the surroundings and road conditions, keep vigilant, always keep your hands on the steering wheel to take over the vehicle at any time, including but not limited to:

- There is a vehicles approaching at high or moving in front of the subject vehicle at a close distance;
- A vehicle in the adjacent lane cuts in front of the subject vehicle with only part of its body (especially large vehicles such as bus or truck);
- A vehicle ahead suddenly slows down;
- A turning or crossing vehicle cuts in front of the subject vehicle;



- There are trucks or buses in the adjacent lanes while driving in a tunnel or at night or the subject vehicle is following a vehicle carrying oversized cargo;
- There are many vehicles in parallel ahead when the subject vehicle is approaching or driving through a curve;
- There are stationary vehicles or objects (e.g., roadblocks), especially those appears after the vehicles in front of the subject vehicle driving away the lane;
- The vehicle is driving on a slope;
- The vehicle speed is increased beyond the set speed or the road speed limit when going downhill.

warning

ACC will not be able to correctly recognize the targets in the following scenarios, so please pay attention to the surroundings and road conditions, and take over the vehicle in time to ensure safe driving, including but not limited to:

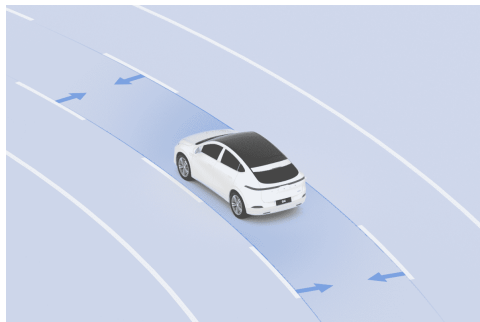
- The following targets are encountered while driving, including but not limited to:
 - People and animals;
 - Traffic lights;
 - Walls, roadblocks;
 - Two-wheelers (bicycles, motorcycles, electric bikes, etc.), tricycles;
 - Other non-vehicle objects;
 - Targets in the blind spot of the sensor;
- Vehicles or objects on the other side of a slope;
- Oncoming vehicles;
- Vehicles loaded with an oversized object in front of the subject vehicle;
- On roads under construction or accidents etc.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the ACC.



Lane Centering Control (LCC)

Introduction



LCC is a driving assist function for comfort, which can assist the driver in controlling the steering wheel to keep the vehicle centering in the current lane

When LCC is activated, ACC is activated simultaneously. ACC controls the longitudinal speed and distance, and LCC assists the driver

in controlling the steering wheel to keep the vehicle centering in the current lane on straight and standard curvature roads with clear lane lines on both sides.

Tips

- When LCC is activated, ALC will assist the driver in changing lanes .
- When LCC is activated, the steering wheel buttons can be used to set the cruise speed and following distance by the same operation method as ACC .

warning

LCC is only a driving assist function and will not work in all traffic, weather and road conditions. The driver should be fully responsible for driving safety, and always hold the steering wheel while driving, observe the road conditions, and take over the vehicle in time if there is any danger. Do not solely rely on this function to control the vehicle, as this may result in injury or death.



Instrument panel indicators



LCC can be activated if the LCC activation condition is met.



LCC has been activated.



LCC exit will be delayed.



There is a fault in the system.

New Features

1. Added intelligent calibration mechanism (self-calibration).
2. The system will automatically calibrate the camera while driving to optimize lane centering accuracy and improve driving stability and safety margins.

3. 30 days after each self-calibration is completed, the next self-calibration will be automatically triggered.

4. Each calibration process generally requires driving for tens of kilometers to complete, and the specific distance depends on the driving conditions and environment.

注意

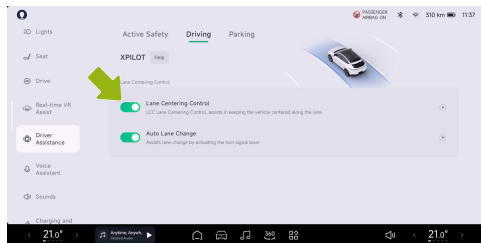
It may take up to one month for the first calibration after the update to be completed and effective.

Assisted Driving



Operation

Turning on/off



The Lane Centering Control can be enabled/disabled on the “→**Driver Assistance**→**Driving**” interface of CID.

Activating LCC

The on the instrument panel will be illuminated when the LCC can be activated.



Move the shift lever down to the bottom 2 times to activate LCC, and the on the SR interface will be turned on, accompanied by a voice prompt.

Tips

LCC can be activated if the following conditions are met:



- LCC components work normally with a clear view;
- The lane lines are clear.
- The windshield wipers are not in the HI gear;
- The brake pedal is not depressed;
- The vehicle speed is between 30~150 (no vehicle in front) or 0~150 km/h (vehicles ahead at least 2 m away from the subject vehicle);
- There are no safety risks, including but not limited to:
 - The seat belts are fastened properly;
 - Keep both hands on the steering wheel;
 - All doors closed;
 - Tire pressure is normal;
 - ABS and AEB are not activated;
 - No fatigue driving.

If any of the above conditions are not met, LCC cannot be activated.

Alarm and takeover

warning

- If the vehicle sends a takeover request through the SR interface or voice broadcast, the driver should take over the vehicle immediately.
- If a danger is detected, or a scenario requiring takeover occurs, the driver should take over the vehicle immediately instead of waiting for a takeover request.

For the adjustment method of LCC cruise speed and following distance, please refer to “**Setting maximum cruise speed**” and “**Setting following distance**” of ACC.

When LCC is activated, it can be taken over in the following ways:

- Turning the steering wheel: Temporarily take over the direction, and LCC can be reactivated automatically after changing to a new lane.
- Depressing the accelerator pedal: Temporarily take over the vehicle speed.



- When the brake pedal is depressed: ACC and LCC will exit.
- Moving shift lever up: Exit the ACC and LCC.
- If the ACC function is turned off, turn the steering wheel vigorously will exit to manual driving and the system will not revert to the LCC function.
- If the ACC function is turned on, turn the steering wheel and the LCC function will switch to the ACC function in a short time. After completing the lane change, lightly hold the steering wheel and the system will automatically restore the LCC function.

Turn the steering wheel: temporarily take over the direction, and after changing to a new lane, LCC can be automatically reactivated.

In the following situations, LCC will degraded to ACC, so please take over the vehicle:

- The lane lines are not clear.

If the ACC activation conditions are not met in the current status, LCC will exit.

Warning, Caution and Limitation

Please read all LCC information in this manual, and you should know these restrictions before using this function.

LCC is designed for comfort and convenience, which is not able to deal with sudden hazards. The driver has the responsibility to keep vigilant, drive safely, and control the vehicle at any moment. Please do not rely on the system to deal with sudden emergencies. Make sure to keep an eye on the preceding road conditions and be ready to take any corrective measures at any time, otherwise, severe injury or even death may occur.

warning

LCC will not work in all traffic, weather and road conditions. Please do not use or activate LCC when:

- The vehicle is driving on roads with changing road conditions such as twisty or sharp curves



- The vehicle is driving on road junctions or diversions.
- The vehicle is driving on roads under construction or repair.
- The lane lines are disappeared or broken.
- The lane lines are blurred, disappeared or covered.
- The vehicle is driving on roads with sharp changes in the direction of the lane lines ahead, such as road diversions, lane merging, or sudden increase or decrease in lane width.
- The vehicle is driving on roads with poor road conditions such as bumpy, icy or slippery roads.
- The vehicle is driving on roads in urban areas.
- The vehicle is driving through a traffic intersection.
- The vehicle ahead turns or a vehicle crosses in front of the subject vehicle.

- The vehicle is driving on roads where pedestrians or cyclists may be present.
- There are adverse weather conditions, such as rain, snow, fog, etc.;
- When the vehicle is in bad condition, such as abnormal four-wheel alignment, abnormal tire pressure, etc.

warning

LCC will not work well in the following special and complicated road conditions, poor weather or lighting conditions, please pay attention to the surroundings and road conditions, keep vigilant, always keep your hands on the steering wheel to take over the vehicle at any time, including but not limited to:

The road conditions are special or the road section has mixed traffic flow:

- Inclined roads, or up and downhill sections;
- Curves or sharply curved sections of the highway;



- Intersections with guardrails/curbs/zebra crossings/arrow markings;
- No lane lines or lane lines excessively worn or obscured, covered, or disappeared;
- Temporary adjustments or rapid changes due to road construction (e.g., lane splitting, crossing, or merging);
- Special lane changes such as rerouting, diversions, guide zones, lane widening, etc.;
- Disturbances such as text or traffic markings on the road surface or dense text, traffic markings, asphalt grease, brake marks, tire tracks, water ruts, etc. in the lane;
- Lanes too wide or too narrow;
- Road boundaries isolated by traffic cones, water safety barriers, concrete piers, etc..

The road conditions are complicated:

- Congested road;
- Roads where pedestrians or cyclists may be present;

- Other vehicles crossing in the front of the subject vehicle;
- Vehicles suddenly changing into the lane in front of the subject vehicle at a close distance;
- Vehicles ahead leaving this lane;
- View of camera or lane lines blocked by vehicle ahead;
- Large vehicles such as trucks, buses, etc. on the side or in front of the subject vehicle.

warning

LCC will not be able to correctly recognize the targets in the following scenarios, so please pay attention to the surroundings and road conditions, and take over the vehicle in time to ensure safe driving, including but not limited to:

- Relying on this system solely;
- Unclear lane lines or poor lighting conditions;



- Environments with many pedestrians, cyclists or animals;
- Take your hand off the steering wheel;
- Take your eyes off the preceding roads;
- Guardrail, median strip or curb on one side of the road.
- LCC may assist in steering the vehicle when steering assist is not required or when you do not intend to steer because of unclear and irregular lane lines or other similar lines or objects on the road surface, in which case you should take over the vehicle immediately.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the LCC.

Automatic Lane Change (ALC)

Introduction* (If applicable)

When LCC is activated, turn on the turn signal light and ALC will assist the driver in changing lanes. (*If applicable)

Tips

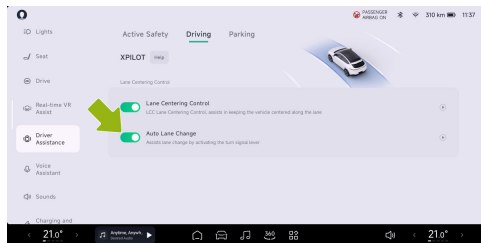
ALC only supports high-speed/expressway use, and the available speed is 65~ 150 kilometers per hour.

warning

ALC is only a driving assist function and will not work in all traffic, weather and road conditions. The driver should be fully responsible for driving safety, and always hold the steering wheel while driving, observe the road conditions, and take over the vehicle in time if there is any danger. Do not solely rely on this function to control the vehicle, as this may result in injury or death.

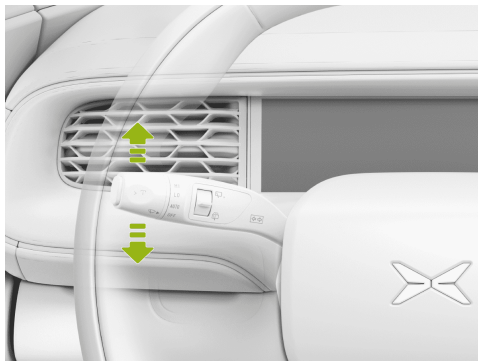
Operation

Turning on/off



The Auto Lane Change can be enabled/disabled on the “→**Driver Assistance**→**Driving**” interface of CID.

Using ALC



1. Check the environment for lane changing to make sure the current lane changing is safe.
2. Turn on the corresponding turn signal light.
3. ALC will assist the driver in changing a lane if the ALC working conditions are met, or will display the message on the instrument if the lane change conditions are not met.



Tips

- ALC only supports lane change once at a time. If you need to change lanes again, please turn on the corresponding turn signal light again.
- ALC can not change lanes when the lanes are solid lines.
- When ALC determines that it is not suitable to change lanes at present, the space box of the target lane in the ICM will be gray, and when the lane change is canceled, the ICM will display the message “**Lane change canceled**”.
- When ALC completes or cancels a lane change, the turn signal light will turn off automatically.

Alarm and takeover

warning

- If the vehicle sends a takeover request through the instrument panel or voice

broadcast, the driver should take over the vehicle immediately.

- If a danger is detected, or a scenario requiring takeover occurs, the driver should take over the vehicle immediately instead of waiting for a takeover request.

After ALC is activated, you can cancel the lane change by the following operations:

- Turning the steering wheel: Cancel the lane change and take over the direction temporarily, LCC will be reactivated when the conditions are met.
- Depressing the brake pedal: Cancel the lane change and exit ACC, LCC.

Warning, Caution and Limitation

ALC is only a driving assist function and cannot achieve fully autonomous driving. The driver still needs to always observe the lane change environment and hold the steering wheel when ALC is activated, and take over the vehicle before any potential danger occurs



ALC is designed for comfort and convenience, which is not able to deal with sudden hazards. The driver has the responsibility to keep vigilant, drive safely, and control the vehicle at any moment. Please do not rely on the system to deal with sudden emergencies. Make sure to keep an eye on the preceding road conditions and be ready to take corrective measures at any time, otherwise, severe injury or death may occur.

ALC may exit accidentally at any time due to unknown reasons. Make sure to keep an eye on the road safety conditions and be ready to take proper measures. The driver is always responsible for the safety of lane changing.

warning

Please read all contents about ALC in this manual to know its restrictions. Drivers should master these restrictions before using this function.

- ALC will not work in all traffic, weather and road conditions. Please do not use it in bad weather (e.g. rain, snow, fog) and on

roads where pedestrians or cyclists may be present.

- Do not use ALC when there are vehicles at the side front of the subject vehicle or in the adjacent lane, as this may result in a collision.
- If another vehicle is changing lane simultaneously and the lane it intends to change into is just the same lane that the subject vehicle intended to change into, the ALC, if activated, will not be able to avoid the collision risk at this time. The driver should always pay attention to the environment of lane changing and timely take over the vehicle to avoid a collision. The driver should be fully responsible for the safety of lane changing.
- Do not use ALC when the vehicle is in bad condition, such as: abnormal wheel alignment, abnormal tire pressure, etc.
- Do not use ALC at ramps, junctions or diversions on highways or other types of roads.



- Please use ALC with caution on curves, as the system may not be able to provide assist in lane changing.
- Do not use ALC on city roads or roads with changing road conditions.
- Do not use ALC on twisty roads with sharp curves, on bumpy, icy or slippery roads as the system will not be able to provide assist in stable lane changing.
- ALC may occasionally recognize the conditions suitable for lane changing as conditions not suitable for lane changing, and you should manually change the lane at this time.
- ALC may not be able to accurately detect lane changing conditions on roads with heavy traffic, so please use ALC with caution.
- Do not use ALC on roads with solid lane lines or roads where the lane changing is restricted.
- If another vehicle is approaching the subject vehicle quickly at the time of using the ALC, the driver must take over immediately, as ALC cannot avoid a potential collision.
- Do not use ALC when there are vehicles in the blind area at the side rear of the subject vehicle or in the lane changing route.
- There are sharp turns in the road, or the road is in poor condition, such as bumpy, slippery or icy roads.
- Inclined roads;
- Roads where pedestrians or cyclists may be present;
- Dark (poor lighting conditions) or poor visibility (due to heavy rain, snow, dense fog, etc.);
- Bright light (such as oncoming headlights or direct sunlight) blocking the view of the camera;
- View of camera blocked by vehicle ahead;
- The view of camera is blocked by windshield (such as fog, dust or sticker, etc.);

- Excessive wear or blockage of lane lines, overlapping of old and new markings, temporary adjustments or rapid changes due to road construction (e.g., lane splitting, crossing or merging);
- Large shadows on the lane cast by objects or landscape features;
- Traffic cones, warning signs, or other objects placed on the roads;
- Radar limited;
- Radar or camera obscured (by dust, coverings, etc.) or poor weather conditions (e.g., heavy rain, snow, dense fog).
- When there are significant lateral airflow or strong winds on one side of the vehicle, ALC performance will be affected and not suitable for use.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of ALC.

Speed Assist System (SAS)

Introduction



SAS can synchronize the setting of the maximum cruise speed when the road speed limit is recognized by TSR.

warning

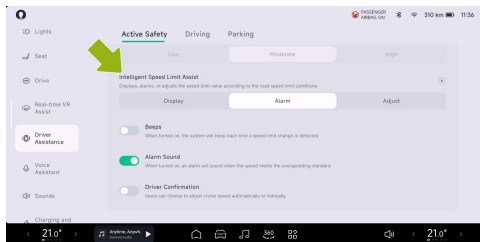
SAS is only a driving assist function and will not work in all traffic, weather and road



conditions. The driver is fully responsible for driving safety. Do not solely rely on this function to control the vehicle, as this may result in injury or death.

Operation

Turning on/off



The Intelligent Speed Limit Assist can be set on the “→**Driver Assistance**→**Active Safety**” interface of CID.

1. Select Intelligent Speed Limit Assist→Adjust and Driver Confirmation enabled. If the

ACC/LCC is activated, each speed limit change will be followed after the confirmation by the driver.

2. Select Intelligent Speed Limit Assist→Adjust and Driver Confirmation disabled. If the ACC/LCC is activated, each speed limit change will be executed automatically without confirmation by the driver.

Warning, Caution and Limitation

SAS may not function fully or may provide inaccurate information when:

- Camera is limited. [See 158 page](#)
- Road or speed limit has recently changed due to construction, traffic control and other reasons.
- Traffic signs are in poor conditions such as broken, faded, blurred or not placed or set as required.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the SAS.



Forward/Reverse Radar Warning

Introduction

When parking and driving at low speeds, the ultrasonic radar can detect the distance between the vehicle and the surrounding obstacles and alert the driver through the instrument, CID and acoustic alarm.

caution

- When the red bar is displayed, it indicates that the distance between the obstacle and the subject vehicle is very close and requires immediate attention.
- As the distance between the subject vehicle and the obstacle decreases, the frequency of the alarm tone will gradually increase.

Tips

- When the vehicle is engaged in D gear and is driving at a speed below 12 km/h, the radar will warn; When the vehicle is engaged

in R gear, the radar will give a warning without speed limitation.

- Even if the obstacle is soft (e.g. fine tall weeds) and will not damage the vehicle, the radar will still give a warning.

Warning, Caution and Limitation

warning

Radar warning may not work properly when:

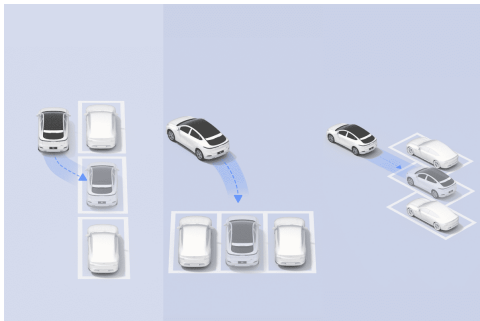
- Radar is limited.
- The vehicle is approaching an obstacle at the high speed.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of radar.



Intelligent Parking Assist

Introduction



APA can assist the driver in parking in and out the perpendicular, parallel and diagonal parking spaces with or without lines. It can be activated in the following ways:

- CID
- Cellphone key

warning

APA is only a driving assist function and will not work in all traffic, weather and road conditions. The driver should be fully responsible for driving safety, and always hold the steering wheel while driving, observe the road conditions, and take over the vehicle in time if there is any danger. Do not solely rely on this function to control the vehicle, as this may result in injury or death.

Instrument panel indicators



APA unavailable



APA can be activated



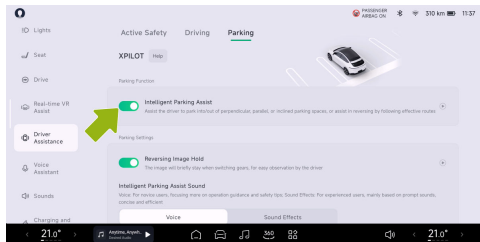
APA has been activated

Parking Assist



Operation

Turning on/off



The Intelligent Parking Assist can be activated/deactivated on the “ → **Driver Assistance** → **Parking**” interface of CID.

Using APA



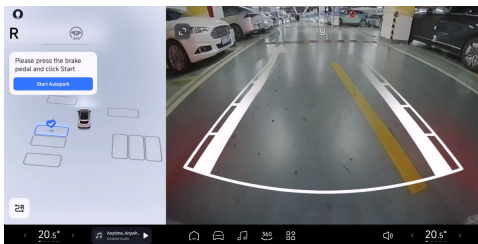
1. By using any of the following methods, the “**global intelligent driving**” interface will enter parking mode:
 - Automatic switching. When the vehicle enters a parking environment such as garage, the “**global intelligent driving**” automatically enters the parking mode.
 - Press the steering wheel customized key [See 228 page](#).
 - Tap “**I want to park**” on the CID.



- When the SR interface displays a parking space icon, stop and shift to R gear.
2. Drive the vehicle and search a target parking space.

Tips

- When searching for a parking space, please keep the lateral distance between the vehicle and the parking space within 1~2m.
- During the process of searching for a parking space, the vehicle speed should not exceed 24 kilometers per hour.



3. Press the brake pedal and tap to select the target parking space on the CID when the target parking space is highlighted.
4. At this time, you can park in the space in the following ways:

- CID: Tap “**Start Autopark**” on the CID and then release the brake pedal.
- Cellphone key: Shift into P gear, get out of the vehicle and close the doors. Open the intelligent parking module on the cellphone App, and tap “**Remote Parking**”. After the exterior rearview mirrors are folded and the hazard warning lights are turned on, press and hold the Park-out button.

Tips

- After using a cellphone key to park in a parking space, the vehicle will automatically shift to P gear, lock the vehicle, and power off.
- When a cellphone key is used to park in a parking space, the cellphone needs to



be kept near the vehicle, otherwise the function will exit.

- When a cellphone key is used to park in a parking space, it is allowed to open the door/trunk for pickup within five minutes after the remote parking is paused, and then you can close the door/trunk and tap continue to complete the remote parking.

Alarm and takeover

warning

- If the vehicle sends a takeover request through the SR interface or voice broadcast, the driver should take over the vehicle immediately.
- If a danger is detected, or a scenario requiring takeover occurs, the driver should take over the vehicle immediately instead of waiting for a takeover request.

- Before using the cellphone App to park in a parking space, please make sure that there is no one inside the vehicle.

When APA is activated, it can be paused in the following ways:

- CID: Press the brake pedal to pause APA at any time.
- Parking via cellphone key: press the Park button on the cellphone App page.

After confirming safety, APA can be resumed by the following operations:

- Parking via CID: Tap “**Continue**” on the CID.
- Parking via cellphone key: press and hold the Park button on the cellphone App.

The APA will be deactivated when:

- The steering wheel is turned manually.
- The brake pedal is depressed.
- APA has been paused for more than 30s without resuming. When using parking via



cellphone key, pause for more than 5 minutes without resuming.

- APA has been paused for more than third times due to operations of opening the door, depressing the accelerator pedal or brake pedal.

Warning, Caution and Limitation

warning

Do not activate APA when:

- The vehicle is driving on a slope.
- One or more ultrasonic sensors, surround view cameras are obscured or obstructed (e.g., sludge, ice, snow, or water stains);
- There are bad weather conditions (heavy rain, heavy snow, dense fog, etc.);
- The road surface is bumpy, icy or slippery;
- The curb is not made of stone, or the curb cannot be detected;

- There is a height difference between road surfaces (e.g., cliff edges, raised platforms, sidewalks along street frontages, etc.);
- Snow chains or spare tires are fitted;
- The vehicle is loaded with an oversized object;
- The left or right exterior rearview mirror is damaged or abnormal;
- The parking space is narrow or is located in narrow streets;
- Vehicle modification or maintenance done at a place other than XPENG Service Center will affect the normal operation of the vehicle's functions.

warning

APA may not be able to take safety measures and you should take over the vehicle immediately when:

- When the instrument or CID sends you a takeover request.
- APA exits unexpectedly;

- Vehicles, pedestrians and objects are encountered while parking and active avoidance or braking is not completed in time.

warning

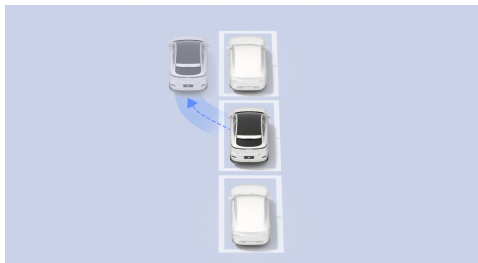
With APA on, please take over the vehicle at any time when:

- There are obstacles at and above the height of the exterior rearview mirrors;
- There are obstacles overhanging, smaller in size and width;
- The targets are located in the blind spots of the camera or radar;
- There are pedestrians or animals.

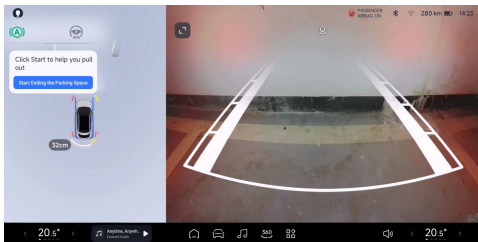
The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the APA.

Auto Exit Parking (AEP)

Introduction



After parking in by APA [See 121 page](#), if the vehicle is not moved, you can drive out the parking space in the following ways:



CID: Get on the vehicle and close the doors, shift into R gear and tap **“Start Exiting the Parking Space”** on the CID.

- Cellphone key: Open the cellphone App, and tap **“Remote Parking”**. After the exterior rearview mirrors are folded and the hazard warning lights are turned on, press and hold the park-out button.

Tips

Log in to the owner's account in the CID and turn on the APA switch to use the park out function.

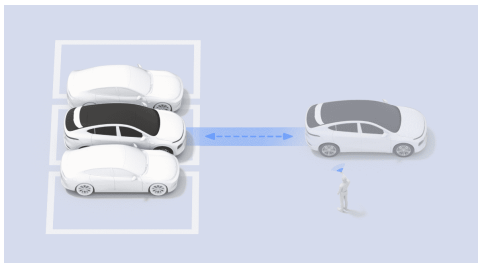
warning

- AEP is only a driving assist function and will not work in all traffic, weather and road conditions. The driver is fully responsible for driving safety, please always hold the steering wheel during the driving, observe the road conditions, and take over the vehicle in time if there is any danger. Do not solely rely on this function to control the vehicle, as this may result in injury or death.
- The warnings, precautions, Alarm and takeover for APA also applies to AEP.



Straight Line Summons

Introduction



The vehicle can be controlled to move forward or backward through the cellphone APP, which is convenient for the vehicle to pull in/out a narrow parking space where people cannot get on and off smoothly.

Tips

Straight Line Summons is integrated with an obstacle avoidance function and will actively stop the vehicle if an obstacle is encountered.

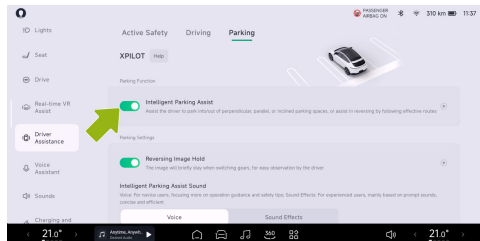
warning

Straight Line Summons is only a driving assist function and will not work in all traffic, weather and road conditions. The driver should be fully responsible for driving safety. Do not solely rely on this function to control the vehicle, as this may result in injury or death.



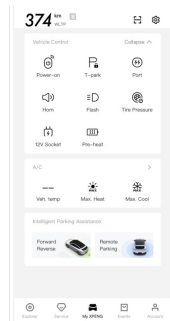
Operation

Turning on/off



The Intelligent Parking Assist can be activated/deactivated on the “ → **Driver Assistance** → **Parking**” interface of CID.

Straight Line Summons via cellphone key



1. Open the cellphone app, tap “**Pulling-in/out**”, then the exterior rearview mirrors will be folded and the hazard warning lights will be turned on.
2. Press and hold the switch to control the vehicle to move forward and backward, release the switch to stop the vehicle.
3. After parking in or out of the parking space, tap back to exit the function.



Alarm and takeover

warning

If a danger is detected, or a scenario requiring takeover occurs, the driver should disable the function immediately instead of waiting for the activation of obstacle avoidance function.

The Straight Line Summons will be deactivated when:

- The cellphone key is too far away from the vehicle.
- Bluetooth pairing between cellphone and vehicle is disconnected.
- The obstacle avoidance are triggered for third times during a single use.
- The vehicle is not controlled to move forward or backward for more than 30s.

Warning, Caution and Limitation

warning

Do not activate the Straight Line Summons function when:

- One or more ultrasonic sensors, surround view cameras are obscured or obstructed (e.g., sludge, ice, snow, or water stains);
- There are bad weather conditions (heavy rain, heavy snow, dense fog, etc.);
- The road surface is bumpy, icy or slippery;
- The vehicle is driving on a slope.

warning

Straight Line Summons may not be able to take safety measures and you should take over the vehicle immediately when:

- The system prompts you to take over the vehicle.
- Vehicles, pedestrians and objects are encountered while parking and active



avoidance or braking is not completed in time.

- Straight Line Summons exits unexpectedly.

warning

When using the Straight Line Summons function, do not:

- Take your eyes off the vehicle;
- Park the vehicle solely relying on the Straight Line Summons function.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the Straight Line Summons.

Reversing Assist

Introduction

The Reversing Assist is a function that assists the driver in reversing along the original path. When encountering harsh road conditions such

as dead ends, narrow roads, you can utilize the Reversing Assist to get out of trouble.

Tips

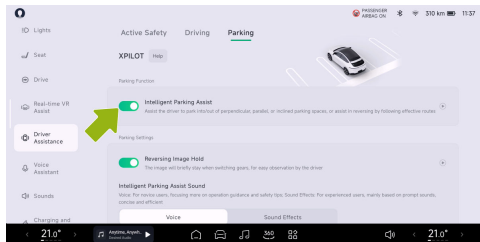
Reversing Assist is integrated with an obstacle avoidance function and will actively stop the vehicle if an obstacle is encountered.

warning

Reversing Assist is only a driving assist function and will not work in all traffic, weather and road conditions. The driver is fully responsible for driving safety. Do not solely rely on this function to control the vehicle, as this may result in accidents.

Operation

Turning on/off



The Intelligent Parking Assist can be activated/deactivated on the “ → **Driver Assistance** → **Active Safety**” interface of CID.

Using Reversing Assist

1. When the vehicle is driving forward at a speed below 20km/h, the system will automatically memorize the latest effective path.
2. Depress the brake pedal to stop the vehicle and shift into R gear.

3. Tap “**Reversing Assist**→**Start Reversing Assist**” button on the CID.

4. The system will autonomously reverse at low speed according to the effective path.

caution

- A forward traveling path of the vehicle driving in D gear and below 20km/h may be considered an effective path, with a maximum length of path up to 100m.
- Before activating the Reversing Assist, if there are behaviors such as reversing, turning the steering wheel excessively, or driving on a slope, the effective path will be cleared.

8

Warning, Caution and Limitation

warning

- Do not activate the Reversing Assist when:
- The vehicle is driving on a slope.



- One or more ultrasonic sensors, surround view cameras are obscured or obstructed (e.g., sludge, ice, snow, or water stains);
- There are bad weather conditions (heavy rain, heavy snow, dense fog, etc.);
- The road surface is bumpy, icy or slippery;
- There is a height difference between road surfaces (e.g., cliff edges, raised platforms, sidewalks along street frontages, etc.);

warning

The Reversing Assist may not be able to take safety measures and you should take over the vehicle immediately when:

- The system prompts you to take over the vehicle.
- The Reversing Assist exits unexpectedly.
- Vehicles, pedestrians and objects are encountered while reversing and active avoidance or braking is not completed in time.

warning

With Reversing Assist in operation, please take over the vehicle at any time when:

- There are obstacles at and above the height of the exterior rearview mirrors;
- There are obstacles overhanging, smaller in size and width;
- The targets are located in the blind spots of the camera or radar;
- Pedestrians or animals approaching suddenly.

warning

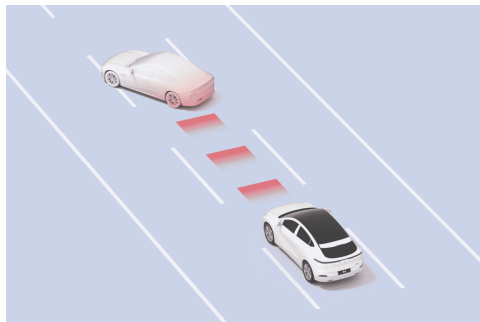
Do not rely solely on Reversing Assist for reverse.

The warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the Reversing Assist.



FCW&AEB

Introduction



The FCW function includes forward collision warning (FCW) and automatic emergency braking (AEB), which can reduce the risk or lower the speed of collisions and improve the driving safety.

warning

FCW will not work when the vehicle is engaged in R gear.

When the function detects that there is a risk of collision, it will first alert the driver through the instrument panel, sound alarms and seat belts.

warning

- For pedestrians and two-wheelers, the FCW only works when the subject vehicle is driving at a speed within 10km/h - 85km/h;
- For vehicles, the FCW only works when the subject vehicle is driving at a speed within 10km/h - 150km/h.
- When the vehicle gives a warning, the driver should take emergency measures for avoidance immediately and should never rely solely on AEB to avoid or mitigate a collision.

If the risk of collision is relatively high and the driver still does not apply the brake or brake



insufficiently, the function will apply the brake actively to mitigate the collision.

warning

- For pedestrians and two-wheelers, the AEB only works when the subject vehicle is driving at a speed within 4km/h - 85km/h;
- For vehicles, the AEB only works when the subject vehicle is driving at a speed within 4km/h - 150km/h.
- If AEB brakes and stops the vehicle, the vehicle will remain stationary for a short time and the driver should take over the vehicle and apply the brake as soon as possible.
- Depressing the accelerator pedal while the AEB is applying the brake may result in an interruption of braking.

warning

- FCW is only a driving assist function and will not work in all traffic, weather and road conditions. It can not replace the attentive driving and accurate judgment of

the driver who should be fully responsible for driving safety. Always observe the road conditions while driving and do not solely rely on FCW to warn of or avoid potential collisions. Many factors can degrade or affect the performance of FCW, resulting in unnecessary, ineffective or inaccurate warnings, brake interventions or missed warnings. Therefore, relying on the FCW solely to warn of or avoid potential collisions may result in serious personal injury or death.

- AEB is not designed to prevent collisions. It is only able to minimize the impact of a frontal collision by trying to reduce the speed. Therefore, relying on the AEB solely to avoid collisions may result in serious personal injury or death.

Instrument panel indicators

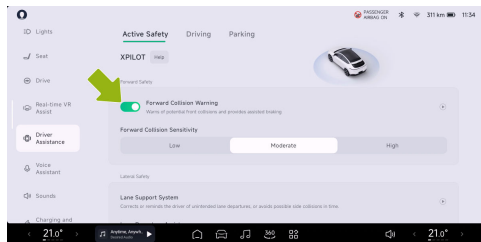


FCW off



FCW fault

Operation



The Forward Collision Warning can be activated/deactivated on the “ → **Driver Assistance** → **Active Safety**” interface of CID.

Tips

FCW will be activated automatically during driving and it is recommended to keep it on at all times for the driving safety.

Warning, Caution and Limitation

Drivers should read this section for feature usage instructions and limitations before using FCW.

warning

FCW may not be triggered, may be triggered incorrectly or at delay when:

- Camera or radar is limited.
- The lighting condition or visibility is poor such as heavy rain, heavy snow, dense fog, etc.;
- The view of camera is blocked by bright light, such as oncoming headlights or direct sunlight;
- The view of camera is blocked by windshield (such as fog, dust or sticker, etc.);
- There is a vehicle traveling against traffic ahead.
- The vehicle is driving through a sharp curve or on the poor road conditions.



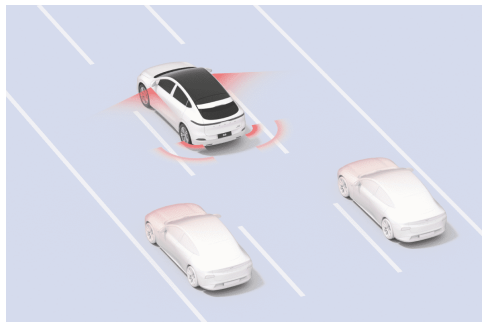
- The target appears suddenly, such as a vehicle approaching at high speed or moving in front of the subject vehicle at a close distance;
- The target overlap rate (overlap between the front end width of subject vehicle and the rear end width of the vehicle ahead) is insufficient;
- The driver applies the brake, depresses the accelerator pedal hardly, turns the steering wheel rapidly or vigorously;
- There are stationary vehicles at the entrance and exit of the curve;
- A vehicle around suddenly slows down during driving through a curve;
- A vehicle overtakes and cuts in front of the subject vehicle during driving through a curve;
- The subject vehicle passes by a stationary target on the roadside or overtakes during lane changing;

- The vehicle ahead changes lane after braking;
- The subject vehicle passes through artificial bumps, floor drains, or by iron gates at garages.
- The subject vehicle passes under overpass, footbridges, or road signs;
- The subject vehicle passes through overpass joints, metal guardrails on the side of the road;
- There are traffic lights, water jets from sprinklers, water splashes, iron poles on the road, hanging steel pipes, floating plastic bags, cans rolling on the road, underground parking garages, toll stations, manhole covers, etc. in front of the subject vehicle.

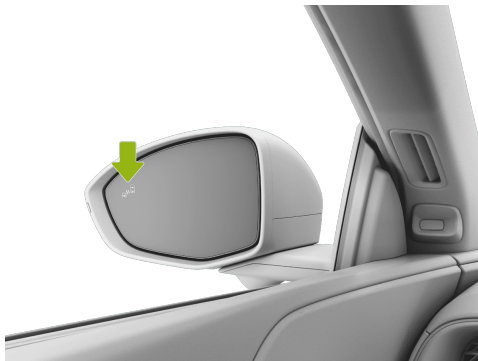
The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the FCW&AEB.

BSD&LCA

Introduction



Blind spot safety assist includes blind spot detection (BSD) and lane change alert (LCA), which can monitor the lanes on both sides of the vehicle and alert the driver of a risk during lane changes.



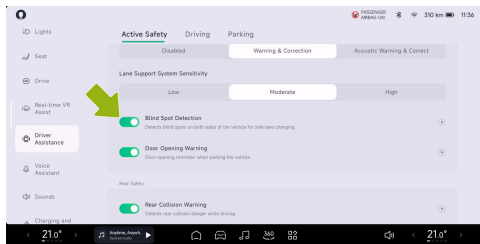
When the vehicle is driving in D gear at a speed above 10km/h, any other vehicle intruding in the blind spot or approaching the blind spot at a high speed from the rear side will make the warning light in the corresponding side mirror remain on. At this time, if the turn signal light on that side is turned on, the warning light will start flashing to provide a reminder.



! warning

BSD&LCA is only a driving assist function and will not work in all traffic, weather and road conditions. It can not replace the attentive driving and accurate judgment of the driver, nor can it replace the use of interior and exterior mirrors. The driver is always responsible for driving safety and lane changing safety. Please do not solely rely on this function to control the vehicle, as this may result in injury or death.

Operation



The Blind Spot Detection can be activated/deactivated on the “ → **Driver Assistance** → **Active Safety**” interface of CID.

Warning, Caution and Limitation

! warning

BSD&LCA may not work properly when:

- Radar is limited.
- The vehicle is driving through the sharp curve.
- The vehicle is reversing;
- There are large moving metal objects in the blind spot.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the BSD&LCA.

Door Open Warning (DOW)

Introduction



The DOW function can alert the driver when there is a risk of collision while opening the door.

When the vehicle speed is between 0~5km/h and there are vehicles, pedestrians, or two-wheelers approaching at a certain speed within the detection range to impose a risk of collision

while opening the door, the DOW will alert the driver in the following ways:

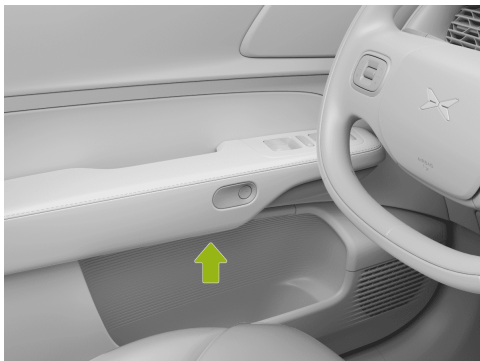
- Dashboard
- CID
- Warning tone



- The warning light in the corresponding side mirror remains on.



Active Safety



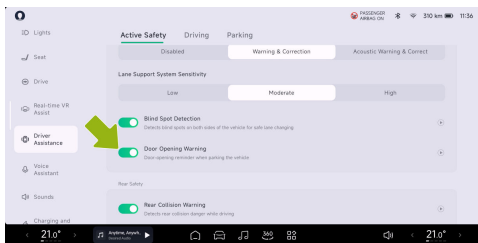
- The door ambient light is flashing.

warning

DOW is only a driving assist function designed to remind driver and passengers to pay attention to the safety when opening the door. It cannot replace the visual observation of the driver and passengers, as well as the function of the interior and exterior rearview mirrors,

and will not work in all traffic, weather and road conditions. The driver is fully responsible for driving safety. Do not solely rely on this function to control the vehicle, as this may result in injury or death.

Operation



The Door Opening Warning can be activated/deactivated on the “ → **Driver Assistance** → **Active Safety**” interface of CID.

Warning, Caution and Limitation

warning

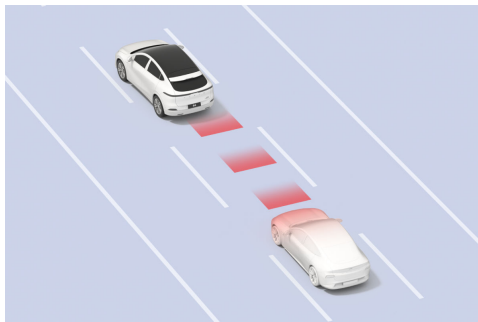
DOW may not work properly when:

- Radar is limited.
- The target is small or stationary.
- The target is moving too fast or steering. For example, the target vehicle changes into the lane directly behind the subject vehicle, or other vehicles directly behind the subject vehicle suddenly change lanes and appears in the monitoring area.
- Other vehicles, cyclists appear directly behind the subject vehicle.
- The subject vehicle stops at a location such as a turn or next to a wall.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the DOW.

Rearward Collision Warning (RCW)

Introduction



RCW can detect the risk of collision at the rear of the vehicle and alert the driver during driving.

When the vehicle speed is between 15~160km/h, and there are vehicles, pedestrians and two-wheelers approaching at a certain speed within the detection range to impose a risk of collision, RCW will alert the driver through the instrument

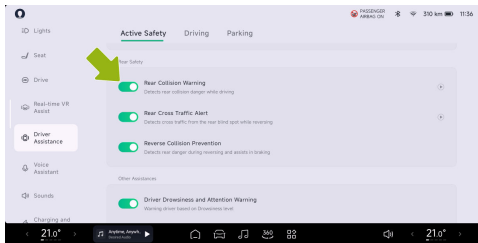


panel and sound alarms, and turn on the hazard warning lights at the same time to remind the drivers of vehicles behind.

warning

RCW is only a driving assist function and will not work in all traffic, weather and road conditions. It can not replace the attentive driving and accurate judgment of the driver, nor can it replace the use of interior and exterior mirrors. The driver is fully responsible for driving safety, please do not solely rely on this function to control the vehicle, as this may result in injury or death.

Operation



The Rear Collision Warning can be activated/deactivated on the “ → **Driver Assistance** → **Active Safety**” interface of CID.

Warning, Caution and Limitation

warning

RCW may not work properly when:

- Radar is limited.
- The detected object is moving too fast.

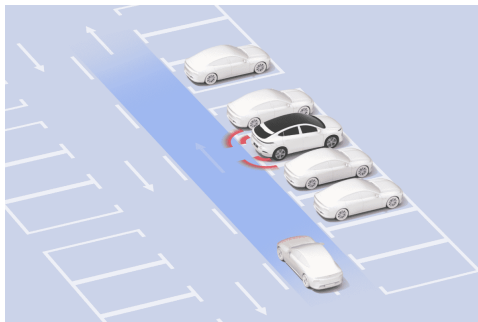


- There are large moving metal objects in the blind spot.
- The vehicle is driving through the sharp curve.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the RCW.

Rear Cross Traffic Alert (RCTA)

Introduction



When the reversing field of view is restricted, RCTA will alert the driver of passing vehicles behind in the blind spots on both sides.

When the vehicle behind is moving at 2~15km/h, and there are vehicles, pedestrians, two-wheelers approaching at a certain speed within the detection range to impose a risk of

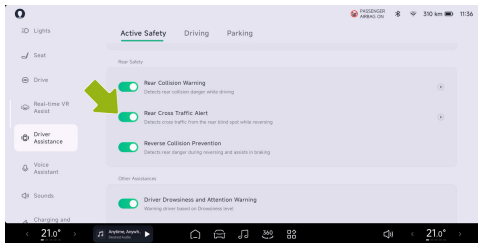


collision, RCTA will be activated, provided that the vehicle is in R gear or N gear, to alert the driver through the instrument panel and sound alarms.

warning

RCTA is only a driving assist function and will not work in all traffic, weather and road conditions. It can not replace the attentive driving and accurate judgment of the driver, nor can it replace the use of interior and exterior mirrors. Do not take risks because that the system improves comfort. The driver is always responsible for the reversing safety, and do not solely rely on this function to control the vehicle, as it may result in injury or death.

Operation



The Rear Cross Traffic Alert can be activated/deactivated on the “ → **Driver Assistance** → **Active Safety**” interface of CID.

Warning, Caution and Limitation

warning

Do not activate RCTA when:

- The view is blocked.



- The traffic conditions are complicated, such as roads with heavy traffic flow, when crossing multiple lanes.

warning

RCTA may not work properly when:

- Radar is limited.
- The detected object is moving too fast.
- There are large moving metal objects in the blind spot.

warning

RCTA may:

- Fail to accurately recognize the pedestrians and two-wheelers.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the RCTA.

Reverse Collision Prevention (RCP)

Function Introduction

The RCP function detects the danger of collision behind the vehicle when reversing and perform warning and assistant braking.

warning

- The smart technology of RCP cannot exceed the physical limit, and can only work within the limit of the system. Do not take risks due to the advanced system. The system is not a substitute for driver's attention.
- RCP is a driving assist feature and does not work in all situations.
- The RCP in no way means that the driver can do nothing and be careless in driving. It is always the driver's responsibility to reverse in a safe manner.
- Do not use the system when the vision is restricted and it is difficult to see traffic



conditions (e.g. on roads with heavy traffic or crossing multiple traffic lanes).

- The system may not be able to accurately identify cyclists and pedestrians, so you must always pay attention to the surroundings.

Function Activated

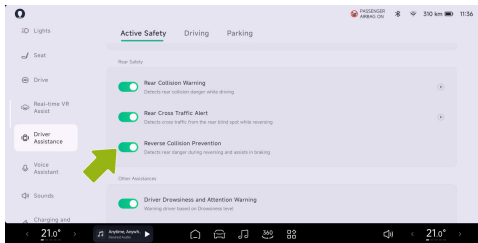
When the vehicle is in R/N gear, the vehicle speed is 1~12 km/h, and there are vehicles, pedestrians, and two-wheeled vehicles approaching at a certain speed within the detection range, and there is a risk of collision, the RCP will be activated and an alert will be sent via ICM or warning sound.

If the driver fails to brake in time or the braking force is too small, the RCP will be activated to reduce or avoid injuries in a vehicle collision.

caution

If the RCP stops the vehicle, the vehicle will remain stationary for a while and the driver should take over braking as soon as possible.

Operation



The Reverse Collision Prevention can be activated/deactivated on the “ → **Driver Assistance** → **Active Safety**” interface of CID.

Warning, Caution and Limitation

RCP does not always work in all situations, and unnecessary, untimely or ineffective warnings or missed warnings can occur for a variety of reasons, such as:

- Radars are restricted. See 158 page

Active Safety

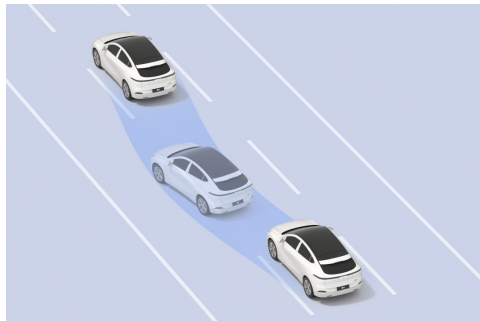


- The presence of bulky, moving metal objects at the blind spot.
- The object to be detected is moving too fast.

The above examples, warnings, and restrictions do not cover all the conditions that may affect the proper operation of RCP.

Lane Support Systems (LSS)

Introduction



LSS includes lane departure assistance (LDA), and emergency lane keeping (ELK), among which LDA consists of lane departure warning (LDW) and lane keeping assist (LKA). It can alert the driver and correct unintentional lane departure or avoid potential side collision.

warning

LSS is only a driving assist function and will not work in all traffic, weather and road conditions. It can not replace the attentive driving and accurate judgment of the driver who should be fully responsible for driving safety. Do not solely rely on this function to control the vehicle, as this may result in injury or death.

If warning mode is selected, only LDW is activated. If correction mode is selected, LDW, LKA and ELK are all activated:

- LDW: When the vehicle speed is between 60~150km/h and the vehicle deviates from the lane without turning on the turn signal light in the same direction, LDW will alert the driver through the instrument panel, CID, sound alarm



and the steering wheel vibration until the driver corrects the position of the vehicle.

warning

LDW only gives a warning and does not actively steer the vehicle back into the lane, so please correct the vehicle position in time when the LDW warning is received.

- LKA: When the vehicle speed is between 60~150km/h and the vehicle deviates from the lane without turning on the turn signal light in the same direction, LKA will alert the driver through the instrument panel, the CID, the sound alarm, and intervene in the steering wheel control until the driver corrects the vehicle back to the lane.
- ELK: When the vehicle speed is 60~150km/hour and there is an imminent collision with the road curb, oncoming vehicle or overtaking vehicle, ELK will alert the driver through the instrument panel, CID, sound alarm, and intervene in the steering wheel control for emergency collision avoidance.

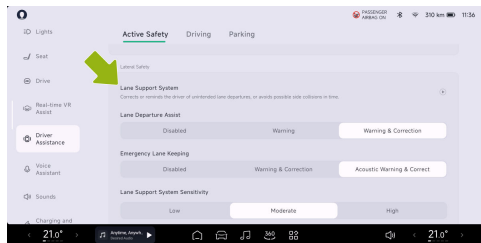
caution

- When the turn signal light is turned on or the driver has an obvious intention to turn (e.g., turning the steering wheel quickly, braking, accelerating by depressing the accelerator pedal hardly, turning on the hazard warning lights, etc.), LDA function will not give a warning or correct the lane departure.
- This function will not be activated when the wipers or the hazard warning lights are turned on.



Operation

Setting LSS



On the “ → **Driver Assistance** → **Active Safety**” interface of CID, you can set the assistance mode and triggering conditions of the Lane Support System (LSS).

If Lane Departure Assist is set to Warning, only LDW will be turned on; if it is set to Warning & Correct, LKA will be turned on.

Tips

If the ELK function is deactivated, it will be activated again the next time the vehicle is powered on.

Warning, Caution and Limitation

warning

LSS may not work properly when:

The road conditions are special or the road section has mixed traffic flow:

- The lane lines are excessively worn, old and new markings are overlapped, temporary adjustments or rapid changes occur due to road construction (e.g., lane splitting, crossing or merging).

The weather or lighting conditions are poor:

- Significant lateral airflow or strong winds on one side of the vehicle;



- Dark (poor lighting conditions) or poor visibility (due to heavy rain, snow, dense fog, etc.);
- Bright light (such as oncoming headlights or direct sunlight) blocking the view of the camera;
- Large shadows on the lane cast by objects or landscape features;
- Recognition failure or incorrect recognition of lane lines due to lighting, such as reflections of lane lines caused by bright light, poor visibility or insufficient light due to bad weather or nighttime.

The camera is limited:

- Camera is limited.
- Camera blocked (dust, covering, etc.);
- View of camera blocked by vehicle ahead.

warning

LSS may:

- Give a warning or apply the brake when there is no risk of collision.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the LSS.

Traffic Sign Recognition (TSR)

Introduction

TSR can recognize the speed limit signs on the road and obtain speed limit information in combination with navigation, display it on the SR interface and alert the driver in the case of overspeed.

Speed limit alarm

TSR can recognize the speed limit signs and surveillance camera, and remind the driver through different icons:



Speed limit sign

i Tips

TSR can recognize the speed limit sign, variable speed limit sign, end of speed limit sign, area speed limit sign, multi-lane speed limit sign, multiple speed limit sign, highway ramp speed limit sign.

Overspeed alarm

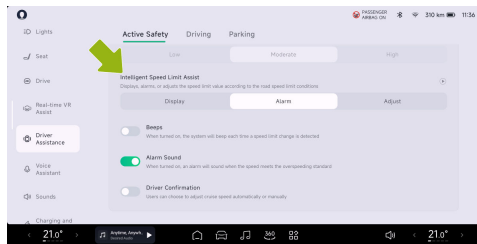
After TSR recognizes the road speed limit:

- Manual, ACC/LCC: When the road speed limit is greater than 20km/h and exceeded, the speed limit icon on the instrument panel will continuously flash and trigger an audible alarm.

⚠ warning

TSR is only a driving assist function and will not work in all traffic, weather and road conditions. The driver is fully responsible for driving safety. Do not solely rely on this function to control the vehicle, as this may result in injury or death.

Operation



1. Select Intelligent Speed Limit Assist→Display, only the icon flashes for alarm.
2. Select Intelligent Speed Limit Assist→Alarm→Beeps, the alarm sound will be given every time the speed limit changes.
3. Select Intelligent Speed Limit Assist→Alarm→Alarm Sound, the alarm sound will be given every time the speed limit exceeds.



Warning, Caution and Limitation

warning

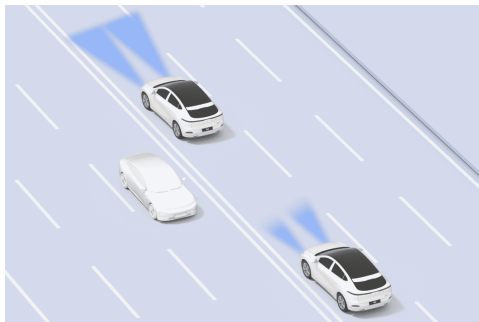
TSR may not work properly when:

- Camera or radar is limited.
- Road or speed limit has recently changed due to construction, traffic control and other reasons.
- Traffic signs are in poor conditions such as broken, faded, blurred or not placed or set as required.
- The obscured camera and limited sensor may recognize the object inaccurately or even trigger the MIL. If the MIL is still illuminated after the vehicle is powered off, please follow the after-sales instructions.

The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the TSR.

Intelligent High Beam (IHB)

Introduction



IHB can automatically switch between high and low beams according to the oncoming vehicles and ambient light conditions to avoid disturbing other traffic participants.



Instrument panel indicators



IHB on and high beam off.

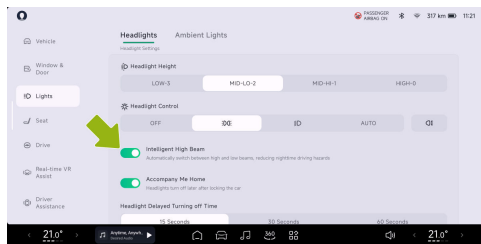


IHB on and high beam on.



IHB malfunction.

Operation



The Intelligent High Beam can be turned on/off on the “ → **Lights** → **Headlights**” interface of CID.

Using IHB

When the following conditions are met, IHB will be activated and the vehicle will automatically switch between high and low beams according to the road environment:

- The CID light switch is in auto.
- The vehicle speed for IHB is between 30~150km/h.

Tips

If the vehicle speed is below 15km/h or above 150km/h, IHB will exit.

Warning, Caution and Limitation

warning

IHB may not work properly when:

- Camera is limited.



The above warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the IHB.

Driver Status Monitoring (DSM)

Introduction



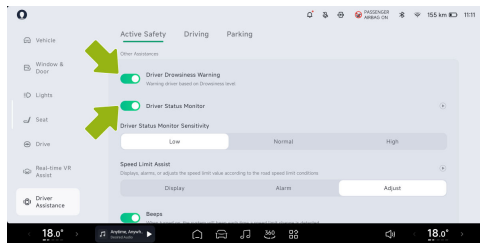
The DSM (Driver Status Monitoring) system starts working after the vehicle is powered on, and when the driver experiences fatigue

or distraction at a the vehicle speed exceeds 20km/h, the system will issue a reminder.

When the driver experiences fatigue or distraction, the system will provide reminders through instrument panel text and sound. When the driver is fatigued or distracted for a long time, the system will advance the trigger timing of LDW and FCW to give the driver enough reaction time.

Operation

Turning on/off Driver Drowsiness Warning (DDW)





The DSM can be activated/deactivated on the “→**Driver Assistance**→**Active Safety**” interface of CID. Due to regulatory requirements, DSM is automatically activated every time the vehicle is started. DSM offers three sensitivity options: high, medium, and low. It defaults to medium at delivery and users can adjust it according to their driving preferences. The system will remember the sensitivity selected by users.

DDW is used to monitor the driver's fatigue status. When the driver experiences fatigue, the system will issue an alarm to remind the driver to concentrate or take other fatigue relieving behaviors to avoid fatigue driving.

Due to the requirements of the Ministry of Transport, the DDW is activated by default and can only be deactivated after the alarm has been triggered. The DDW is not allowed to be turned off after the vehicle is powered off again and before the alarm is triggered.

warning

- If DSM/DDW is turned off, it will not be possible to monitor and remind drivers of fatigue or distraction, which affects driving safety. Please be cautious when turning it off.
- DSM/DDW is an assist function and should not be relied upon to handle all scenarios. Drivers must always maintain control of the vehicle and observe the road environment.
- Please always maintain attention when driving the vehicle and do not drive fatigued. When the system prompts "Please keep an eye on the road conditions", drivers should adjust their driving behavior in a timely manner, or find a service area or a safe place to stop and rest as soon as possible.

caution

When DSM/DDW is in operation, the in-vehicle camera will not store or transmit personal privacy related data such as audio and video.



warning

DSM/DDW may not work properly in all scenarios, and it may malfunction due to various factors, such as:

- Power supply voltage high or low;
- Hardware disconnection;
- In-vehicle camera blocked or faulty.

The warning, caution and limitation mentioned above do not cover all situations that may affect the normal operation of the DSM.



Safe Use Of Assisted Driving System

Limitations Of Radars And Cameras

Tips

Make sure that the radar and camera surfaces are clean without coverings before using the driving assist function.

warning

The radar/camera may fail to recognize the target, or recognize the target at delay or incorrectly when:

- The radar or camera is obscured or covered by foreign matters such as snow, ice, frost, rain, fog, standing water, dust, etc.;
- The radar, camera or related components are faulty;
- There are adverse weather conditions, such as rain, snow, fog, etc.;
- The vehicle is shaking or vibrating caused by uneven roads or other reasons;

- The vehicle is interfered by the nearby sound sources of the same frequency;
- There are objects in the vicinity of the vehicle that can cause false reflection of sound waves;
- The target detected by the radar is covered by substances that absorb sound waves, such as snowflakes, foam, cotton objects, etc.;
- The detected object is too small.
- In the following special circumstances, false alarms may be given for some metal guardrails, median strips, concrete walls, etc.
- Sudden change in the brightness of the surroundings, such as the entrance or exit of a tunnel;
- Large shadows cast by buildings, landscapes or large vehicles;
- Vehicle collisions where the radar or camera mounting position is changed;
- Bright light, such as oncoming headlights or direct sunlight;



- Dim surroundings, such as at night, dawn, dusk, tunnels, etc..

warning

The following targets cannot be recognized by the radar/camera:

- Special vehicles, such as vehicles with a covered rear end, damaged vehicles, irregular shaped vehicles, etc.
- Animals, traffic lights, walls and other unknown obstacles in the middle of the road.
- Some metal guardrails, median strips, concrete walls, etc.
- Pavement testing equipment, traffic cones, safety barrels, tripods, small construction signs, etc.
- Static obstacles, such as road construction facilities in the middle of the road (traffic cones, safety barrels, traffic bollards, warning triangles, or other roadblocks).

- Static objects, such as low-speed or stationary sweepers, overturned vehicles, boulders, tripods, median strips, pedestrians crossing the road, etc.

Safety Instructions

Important Notice

If the vehicle has any of the following conditions, please contact the XPENG Service Center:

- The vehicle is due at the normal mileage or service life interval of maintenance.
- Vehicle accidents such as crash, soaking or scraping the bottom.
- Critical fault alarm messages (e.g., traction battery fault, traction battery overheating, motor and controller overheating, electric system fault, charging port temperature too high , etc.) appear on the vehicle's ICM.



Safety Guide

In the event of a vehicle malfunction or accident, please use the emergency devices [See 325 page](#) and follow the operation procedures below to warn the vehicles behind:

1. Park the vehicle in a safe place and turn on hazard warning lights.
2. Take out the reflective vest from the trunk and put it on.
3. Take out the warning triangle from the trunk. Place the warning triangle at the rear of the vehicle.

Guidance for Traffic Accidents

When the vehicle is severely damaged in an accident, to ensure personal safety, please pay attention to the following warnings:

- Do not touch the HV wiring harness and all high-voltage parts of the vehicle to avoid severe injury from electric shock.
- Do not touch spilled fluid.
- Do not attempt to inspect the vehicle yourself.
- If the vehicle needs to be towed, please contact the XPENG Service Center.
- Secondary energization is prohibited if the vehicle becomes soaked, in which case a short circuit may occur inside the traction battery. In order to ensure personal safety or cause secondary damage to the vehicle, it is necessary to immediately contact the XPENG Service Center to check the traction battery system, and have professionals evaluate the damage of the traction battery.
- If the vehicle emits smoke, please stay away from the vehicle immediately and contact the XPENG Service Center in time.
- If the vehicle is on fire, please stay away from the vehicle immediately and call the police in time. When calling the police, you need to inform that the vehicle is a pure electric vehicle.
- If the ICM shows a traction battery system fault, you should safely pull over, stay away



from the vehicle and contact the XPENG Service Center for treatment.

- If anyone in the vehicle is injured, contact first aid according to the degree of injury.
- If the vehicle is involved in an accident such as scraping the bottom or crash, the internal structure of the traction battery may suffer damage, posing a severe safety risk, and it is necessary to immediately contact XPENG service center to inspect the traction battery system and have the damage assessed by a professional.

Seat Belt

Advantage of Wearing Seat Belts Properly

Properly wearing seat belts can restrain the driver and passengers in restricted positions.

After a vehicle collision, properly wearing seat belts can assist other safety systems to absorb the energy generated by the collision at the

same time, slowing down the inertia of forward motion of driver and passengers and preventing them from being thrown forward, while assuring them the best protection by the airbags and minimizing the injury impact.

warning

The driver and passengers must wear seat belts properly, otherwise they will be thrown out forward in an accident, which will not only injure themselves but also endanger others in the vehicle.

Seat Belt Pre-tensioner

The seat belt pre-tensioner is activated in the event of a severe frontal or side crash, working in tandem with the airbags. It automatically tightens the seat belt webbing, reducing slack in the lap and diagonal parts of the belt, thereby minimizing the forward movement of the vehicle's occupants.



If the pretensioners and airbags are not activated at the time of a crash, it doesn't mean that they are broken. This means that the intensity or type of collision is not enough to activate them.

warning

After an accident, airbags and other related components must be sent for inspection and replaced if necessary. Once a seat belt

pretensioner has been activated, it must be replaced.

Checking the Seat Belts

To confirm that each seat belt is functioning properly, the following four inspection items shall be conducted:

1. Check the seat belt, buckle and other devices for damage, modification, bleach, strain or dirt.
2. Fasten the seat belt and pull it out quickly at the closest point to the buckle. The buckle shall remain securely locked.
3. Unbuckle the seat belt and retract it to the greatest extent. Check the seat belt for excessive looseness and wear.
4. Pull out the seat belt halfway. Hold the latch and pull the belt forward quickly. The internal locking mechanism of the seat belt will lock automatically.



If any seat belt fails any of the above tests, please contact the XPENG Service Center or Customer Service Center immediately.

Adjusting the Shoulder Belt Height



1. Adjust the shoulder belt to the proper height by pinching the guide and moving it upward.
2. Release the shoulder belt guide.

3. Pull the seat belt quickly to check whether the guide has been locked.

warning

Do not adjust the seat belt height during driving.

Fastening the Seat Belt





1. Slowly pull out the seat belt, and place it around the entire pelvis, chest, and collarbone, keeping it between the neck and shoulder.
2. Insert the latch into the buckle until it “**clicks**”, to ensure that it is locked into place.
3. Pull the seat belt hard to check if it is fastened.
4. Tighten the seat belt towards the reel.

Unfastening the Seat Belt



1. Hold the seat belt latch.
2. Press the red button on the belt buckle.
3. Continue to hold the seat belt latch to ensure that the seat belt is slowly retracted.



Use of Seat Belt by the Pregnant

Wearing a seatbelt properly can effectively reduce injuries to a pregnant woman and her fetus in the event of a collision or sudden stop.



Pregnant woman shall wear the crotch/shoulder belt properly. The shoulder belt should pass over the chest from a suitable position. The lap belt shall pass over the crotch as low as possible and

fit under the bulging abdomen. The safety belt must be flat and exert no pressure on the lower body of pregnant women.

Please consult your doctor for better advice.

Use of Seat Belt by the Disabled

The disabled should also wear seat belts properly during driving.

Please consult your doctor for better advice.

Seat Belt Indicator Lights

1.  Unfastened driver's seat belt warning indicator
2.  Unfastened front passenger's seat belt warning indicator
3.  Unfastened rear left seat belt warning indicator
4.  Unfastened rear middle seat belt warning indicator
5.  Unfastened rear right seat belt warning indicator



If the front passenger forgets to wear seat belt, the corresponding seat belt indicator on the instrument cluster will flash when the vehicle is static; when the vehicle reaches a certain speed while driving, the corresponding seat belt indicator on the instrument cluster will flash and the instrument cluster will pop up Warning window, accompanied by alarms.

If the rear passenger forgets to wear seat belt, the corresponding seat belt indicator on the instrument cluster will flash.

If all passengers have fastened their seat belts but the indicator is still flashing, re-buckle the seat belts to ensure that they are properly locked.

Seat Belt Precautions

warning

- Everyone in vehicle shall wear the seat belt properly during driving, or there is a high risk of injury or death in the event of an accident.

- Do not press the seat belt against fragile or sharp objects (e.g. pens, keys, glasses); the seat belt's pressure on these objects may cause injury.
- When wearing the seat belt, it must fit the body and not be distorted. The shoulder belt must pass over the middle of the passenger's shoulder and must be attached to the upper body of the passenger and fasten the body tightly. The lap belt shall be around the hip as low as possible. If necessary, pull it down slightly, and adjust its looseness by pulling in the retraction direction.
- One seat belt is for one person only. It is prohibited to use one seat belt together with child by holding him/her on lap.
- In case of any sign of wear, cracking or other damages to the seat belt, please contact XPENG Service Center for replacement.
- Avoid exposing the seat belts to any chemicals, liquids, etc. If any seat belt fails to retract or be removed from the buckle,



please contact XPENG Service Center for troubleshooting as soon as possible.

- Do not add any non-official accessory to the seat belt, including but not limited to the following products: additional latches, strap restrictors, buckle extension connectors, etc., as they may reduce or even disable the seat belt's normal protection.
- Any seat belt shall be fully retracted without dangling if unused. If any seat belt cannot be retracted completely, please contact XPENG Service Center immediately for troubleshooting.
- Do not remove, install, modify or disassemble the seat belts, seat belt retractors, or seat belt anchors by yourself.

Airbags

Overview

The vehicle provides front airbags, side airbags, and far side airbags for the driver and front

passenger, as well as head airbags for the front and rear occupants. If the front seats, seat belts, headrests and steering wheel are properly adjusted, the front airbags provide additional chest and head protection for the front occupants. It should be noted that the airbag system cannot substitute the seat belts. It only provides supplementary protection! Therefore, even if the front airbags are provided, the front occupants must wear seat belts.

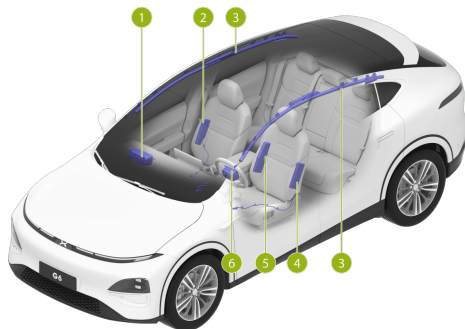
warning

- Deploying the airbags only provides additional protection in the event of an accident, never rely solely on the protection provided by the airbags!
- The airbag system is able to provide full protection only when the occupant wears the seat belt properly, reducing the risk of injury or death in an accident.
- Do not place a rear-facing child safety seat on the seat with protection from a front airbag. Serious injury or death can occur.

- All occupants must be seated properly, fasten their seat belts before starting the vehicle, and wear seat belts at all times, even during driving in urban areas.
- Occupants must keep 25 cm away from airbags and shall not place their hands, feet, etc. on the airbag identification locations, or they may be injured when the airbags are deployed.
- Do not install any radio device by yourself, or airbags may work improperly. If necessary, contact XPENG Service Center.

Airbag Positions

The airbags are located in the areas shown in the figure below. The air bag warning tag is stucked on the sun visor.



1. Passenger airbag
2. Front side airbag
3. Left/Right side curtain airbag
4. Front side airbag
5. Far side airbag
6. Driver airbag



Tips

Airbags are not substitutes for seat belts. Seat belts can reduce the risk of serious injury or death in the event of an accident, whether the airbag is triggered or not. So the seatbelt must be worn correctly. Airbags can only provide protection when triggered, and they may not be triggered in all types of accidents.

Airbag Fault Indicator

The indicator light “” on the instrument cluster will come on for a few seconds when the vehicle is powered on and go off after system self-inspection. If the indicator does not go off after the system self-inspection or goes off and then comes on again or stays on, it indicates the airbag system is faulty. Please contact XPENG Service Center for troubleshooting as soon as possible.

How Do Airbags Work

The airbag deployment does not depend on the driving speed, but on the collision strength detected by the collision sensors. The airbag may not deploy when the impact force of the collision is absorbed or dispersed into the body; However, sometimes the airbag may deploy depending on the different collision conditions. Therefore, the airbag deployment should not be judged based on the vehicle's damage degree.

The airbag may deploy in the following situations:

- When crossing a deep pit, the vehicle front hits the ground.
- The vehicle hits a prominence, kerb, etc.
- The vehicle front hits the ground when driving down a steep hill.

The airbag may not deploy in the following situations:

- The vehicle hits a concrete post, tree, or other long, thin object.



- The vehicle rear-ends into the underside of a truck.
- The vehicle is rear-ended by other vehicles.
- The vehicle overturns or rolls sideways.
- The vehicle collides with walls or vehicles in a non-front way.

The airbags deploy instantly and forcefully with a loud bang. The deployed airbags and seat belts can restrain the occupants' movement to reduce the risk of injury.

Impact of the Airbag Deployment

When deployed, airbags will release gas and powder that may irritate your skin and eyes. At this time, get off the vehicle timely on the premise of safety. If you are unable to do so, open the window or door to keep the cabin ventilated.

If the powder comes in contact with your eyes or skin, rinse with water immediately. Seek medical advice in case of severe discomfort.

After deployment, the airbags will retract to provide the occupants with a progressive shock absorbing effect, avoiding the driver's forward vision from being obstructed.

warning

- Airbags can only be triggered once. The triggered airbags and any affected system components should be replaced as soon as possible by XPENG Service Center.
- Airbags and related systems may be faulty even if they are not triggered in an accident. In this case, please contact XPENG Service Center for troubleshooting.
- XPENG Service Center has the necessary tools, diagnostic tool, repair materials and qualified technical professionals. The maintenance and modification of the vehicle shall be carried out by the XPENG Service Center.



warning

- Do not use any airbag components removed from end-of-life vehicles or any recycled airbag components. The deploying space of the front airbags shall be free of any objects that would prevent the airbags from deploying in the event of a front collision.
- Do not install a cup holder or phone bracket on the airbag cover or in any position within the airbag deploying space.
- Front passenger must not carry child, pet or objects that occupy the airbag deployment space. Both adults and children must follow this regulation.
- Do not attach any objects (e.g., portable navigation devices) to the front windshield glass above the passenger airbags.
- Do not cover or attach anything to the steering wheel or the identification surface of the front passenger side airbag components, or make any modification to these areas.

- Do not stack items on the front passenger seat, as they may be bounced by airbags in the event of emergency braking, injuring occupants.

warning

- Do not use seat covers, which would limit the deployment of the side airbags in the event of an accident and reduce the accuracy of the system detection.
- Do not modify the airbag cover or add any parts near it. Passengers must not lean their heads against the doors. Otherwise, they be injured by the air curtain (when deployed).
- Passengers must not place their feet, knees, or any other part of their body over or near the airbags. Doing so may prevent the airbags from deploying correctly or may cause fractures or other injuries to occupants if the airbags deploy.
- Do not place any object above or near the front airbags, the sides of the front seats, above the canopy on the vehicle



side, on the airbag covers, and in any other positions that may interfere with the airbag deployment. As these items can cause serious injury if the vehicle is involved in a violent collision that causes the airbags to deploy.

- Do not attempt to modify airbag components, wiring, and software. Otherwise, the airbag system may not work properly and cannot provide the necessary protection for the driver and passengers, as well as may fail or accidentally be activated in the event of an accident, increasing the risk of injury.

Sun Visor Label

See the following label mounted on the sun visor.



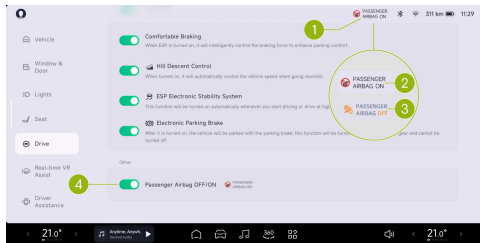
Ride with Children

Instructions For Ride With Children

To ensure the safe ride with children, install an appropriate child safety seat based on the child's age, weight and height in strict accordance with the instructions provided by the child safety seat manufacturer.



Front Passenger Airbag Disabling



1. Front passenger airbag status indicator
2. Front passenger airbag on
3. Front passenger airbag off
4. Front passenger airbag switch

The front passenger airbag is on by default and can be turned off/on in the following two ways:

1. Tap the front passenger airbag status indicator on the status bar, then go to the switch setting interface.

2. The Passenger Airbag OFF/ON can be activated/deactivated on the “ → Drive” interface of CID.

warning

- Do not place a rear-facing child seat on the seat with an active frontal airbag. Death or serious injury to the child in the seat can occur.
- Be sure to select an appropriate child safety seat for the child based on his/her age, height and weight.
- One child seat is for only one child. Never constrain multiple children into one child seat with the seat belt.
- Under no circumstances should a child or infant be carried in the occupant's arms during driving.
- Never leave a child unattended in the child seat.
- Never leave children unprotected in a vehicle. Always keep children in the correct



seating position during driving. Never stand in the vehicle or kneel on the seat. If an accident occurs under these circumstances, it could be fatal to children and others.

- Any child seat that has been applied forces in an accident must be replaced.



Recommended Types of Child Seats

Both ECE-R44 and ECE-R129 standards apply to child seats in the country where the user is located.

ECE-R129 classification is based on a child height.

Child stature	Manufacturer	Type	Accessory
40cm-105cm	Dorel Europe	Maxi-Cosi pearl 360 & FamilyFix 360 base	ISOFIX+Support Leg
61cm-105cm	HTS BeSafe	iZi Kid X3 i-Size	ISOFIX+Support Leg
100cm-150cm	Britax Romer	Kidfix i-Size*	ISOFIX+Belt

*.For the best protection, it is recommended to use this child restraint system with the included backrest and be sure to attach the seat belt through Secure Guard and XP-pad.

ECE-R44 classification is based on a child weight.

Child weight	Manufacturer	Type	Accessory
22kg-36kg	Nania	H6	Belt

Only a child seat that is compliant might be used in the vehicle.



	Seating position						
seating position	front left	front centre	front right ①		2nd row left	2nd row centre	2nd row right
			with front passenger airbag activated	with front passenger airbag deactivated			
Seating position suitable for universal belted (yes/no)	No	No	Yes Forward facing only	Yes	Yes	Yes	Yes
I-Size seating position (yes/no)	No	No	No	No	Yes	No	Yes



Seating position suitable for lateral fixture (L1/L2)	No	No	No	No	No	No	No
Largest suitable rearward facing fixture (R1/R2X/R2/R3)	No	No	No	No	R1/R2X/R2/R3	No	R1/R2X/R2/R3
Largest suitable forward facing fixture (F1/F2X/F2/F3)	No	No	No	No	F1/F2X/F2/F3	No	F1/F2X/F2/F3



Largest suitable booster fixture(B2/B3)	No	No	B2/B3*	B2/B3*	B2/B3	B2/B3*	B2/B3
*Only applicable for installation with seat belt. - During the installation of the CRS, the backrest angle of seats should be adjusted reasonably to ensure that the CRS remains stable. - During the installation of the CRS, the height of the headrest should be adjusted reasonably or the headrest should be removed to avoid interference with the CRS.Do not remove the head restraint when using a booster cushion with no backrest. ①: When installing a CRS on the front passenger seat, adjust the front passenger seat as high as possible to securely install the CRS.							



For Tall Children

If a child is too tall to use a child safety seat, but too short to safely use a standard seat belt, purchase and properly use a child's booster cushion that meets the relevant regulations or standards. Use a child's booster cushion to increase the child sitting height, so that the shoulder belt stays right in the middle of the child's shoulder and the lap belt is lowered to the crotch.

Child Safety Seat Installation

There are two general methods of installing child safety seats:

1. Seatbelt fixed child safety seats: This kind of seats should be secured with the vehicle's seat belts.
2. ISOFIX fixed child safety seats: This kind of seats can be secured to the anchor bars built into the rear seats of the vehicle.

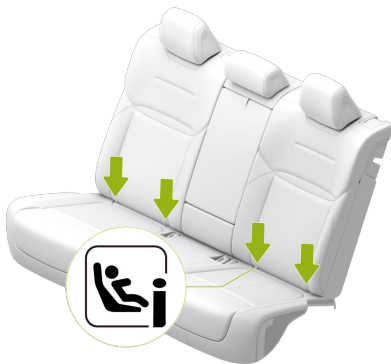
Installing a Seatbelt Fixed Child Safety Seat



1. Place the child safety seat on the seat, and pull out the seat belt completely. Fasten and buckle the seat belt according to the child safety seat manufacturer's instructions.

2. Retract the seat belt, push the child safety seat firmly into the seat while tightening the seat belt.
3. If the child safety seat has an upper tether, attach the tether to the seat backrest.

ISOFIX Anchor Points



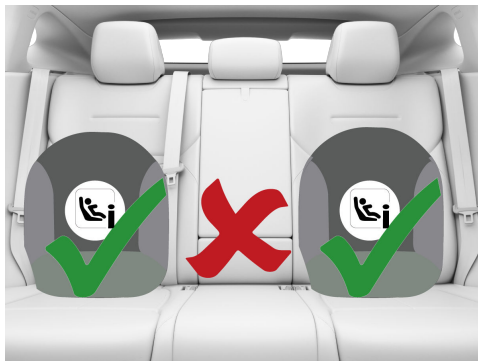
The ISOFIX anchorages are located between the backrests and cushions of the rear left and right

seats. The exact location of each anchorage is marked as above (as shown in the figure).

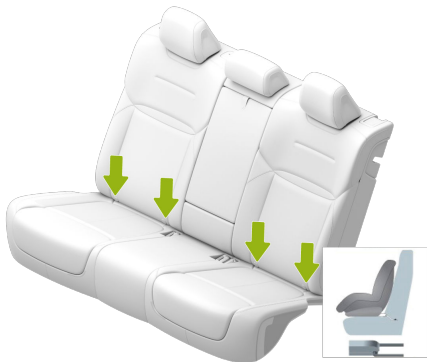
- ▶ The anchor points are located directly below the child seat identification mark.
- ▶ The upper anchoring points are located at the back of the rear side seat backrests. When installing CRS, the anchor point of the corresponding side should be used. If the CRS is installed on the left seat, the upper anchor point must be the left one. It is forbidden to use the right one.



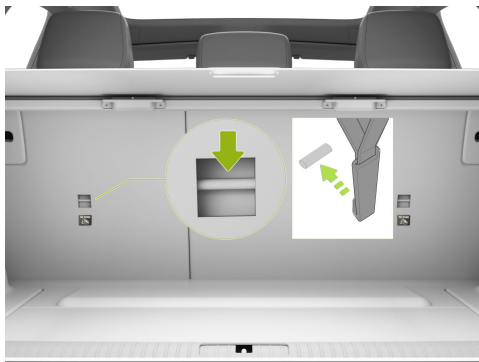
Installing an ISOFIX Child Safety Seat



1. Place the child safety seat in the rear left/right seat.



2. Insert the lower anchor bracket of the child safety seat into the ISOFIX anchorages according to the child seat manufacturer's instructions.



3. Thread the top tether strap of the child safety seat through the headrest, pull it to the back of the backrest, connect the hook of the strap to the anchor point, and tighten the strap.



Notes on installing a child restraint system

warning

When installing a CRS on the front passenger seat, the below instructions can be followed if needed:

- Adjust the front passenger seat to its fully rear position.
- Adjust the front passenger seat as high as possible to securely install the child safety seat.
- The height of the vehicle seat belt can be adjusted if necessary to ensure that the vehicle seat belt passes through the belt guide correctly on the child seat without bending.
- The front passenger airbag must be activated immediately after removing the child seat from the seat.

When installing a child seat in the rear seat, the following instructions need to be followed:

- Please adjust the frontal seats in fore/aft and height, or adjust the seatback to ensure there is no interaction between the frontal seats and the CRS/Child.
- During the installation of the child seat, the height of the headrest should be adjusted reasonably or the headrest should be removed to avoid interference with the child safety seat. Do not remove the head restraint when using a booster cushion with no backrest.

Checking the Child Safety Seat

After installing the child safety seat, check the seat for looseness:

1. Secure the child safety seat along with the seat belt and try to move/shake the seat from side to side, and from front to back.
2. If the seat can move more than 2.5 cm, indicating that it is too loose, fasten the seat belt or reinstall it to the ISOFIX anchorage.



3. If you cannot fasten the seat, try another seat position or replace the seat.

warning

- Never place a rear-facing child safety seat in a seat with an activated airbag, or it will pose a serious risk of injury or death.
- The youngest children (under two years as minimum) do not have a fully developed spine and neck. This is why it is strongly recommended to install them in rearward facing child seat. The latest regulation of child seat impose the rearward facing child seat to accommodate child of 15 months minimum. A variety of child seat can accommodate even older, taller children (see recommended child seat in page 159).
- Infants and toddlers should never be allowed to sit on parents' laps. All children should be restrained in appropriate child safety seats at all times.
- To ensure a safe ride for your child, be sure to follow all instructions detailed in this

manual as well as those provided by the child safety seat manufacturer.

- Do not use extensions for belts of seats installed with child safety seats or booster.

warning

- For a tall child, ensure that the child's head is supported and that the child seat belt is properly adjusted and secured. The shoulder part of the seat belt must be fastened away from the face and neck, and the lap section must also be fastened away from the abdomen.
- Never attach two child safety seats to one anchorage, as one anchorage may not be firm enough to secure both seats in the event of a collision.
- The anchor points for the child protection device can only bear the load from a properly installed child protection device. Under no circumstances, shall the child protection device be used for adult seat



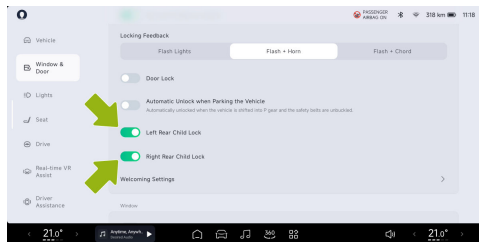
belts, wiring harnesses or the installation of other items or equipment.

- Always check safety harnesses and tethers for damage and wear.
- Do not leave children alone in the car even if they have been put in child safety seats.
- Never use a child safety seat that has been modified, damaged, and in a car accident. Have the seat checked or replaced in accordance with the child seat manufacturer's instructions.

Childproof E-lock

The vehicle has childproof locks on both rear doors. When the lock is turned on, the doors can't be opened by the interior door handles. This can prevent children from opening rear doors accidentally and reduce the accident risk.

- The child safety lock can be turned on/off through the shortcut menu interface [See 30 page](#) on the CID.



- Tap “ → Window & Door” on the CID to turn on/off the Left/Right Rear Child Lock.

Tips

It is recommended that you turn childproof lock on whenever children are seated in the rear seats.

warning

When the childproof lock function is fully turned on, the rear doors cannot be opened from inside. Please do not leave children alone in the car.



Secondary Collision Mitigation (SCM)

Introduction

Secondary Collision Mitigation: After the first collision, this function will automatically apply brake to slow down or stop the vehicle, thus minimizing the risk of a secondary collision and mitigating the damages.

Alcolock

Introduction

The vehicle is equipped with an communication Alcolock, which can be installed with a LIN communication Alcolock (the port must meet the 50436-4 2-22 version specification).

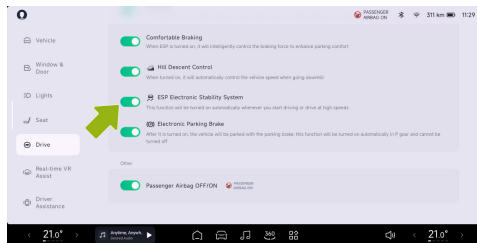
Braking Assist

Introduction

ESP (Electronic Stability Program)

By identifying the driving state of the vehicle through sensors (such as understeering, oversteering or drive wheel slipping), ESP can apply targeted braking intervention or limit driving torque to effectively reduce the risk of side slip or tail flick, so as to ensure the driving stability of the vehicle.

Turning on/off





The ESP Electronic Stability System can be activated/deactivated on the “→Driver” interface of CID.

Tips

- After the vehicle is powered on, the ESP function is automatically activated by default.
- When the vehicle speed is higher than 80km/h, if the ESP is in off state, the ESP function will automatically be enabled.
- The ESP function, if deactivated, will be automatically activated when the steering mode or the creep mode is entered.

warning

- ESP cannot prevent the accidents caused by dangerous driving or emergency steering at high speed.
- If the ESP malfunctions, please contact the XPENG Service Center immediately for inspection and repair.

ABS (Anti-lock Brake System)

ABS prevents wheel lockup when applying maximum braking force. In most road conditions, it can improve the steering control performance of the vehicle in emergency brake.

In emergency brake, ABS continuously monitors the speed of each wheel and adjusts the brake pressure based on the lock state.

When ABS intervenes in driving, you may feel the brake pedal vibration, and you can subjectively drive without panic based on the road conditions.

When ABS fails, the basic braking function remains normal and is not affected by ABS fault, but the braking distance will increase.

warning

The driver shall always keep a safe distance from the vehicle in front and be aware of any dangerous situations during driving. Although ABS can improve the braking distance, it cannot go beyond the physical law, nor can



it prevent the danger caused by tire slip (Like when there is water layer between the road and the tire to prevent the tire from directly contacting the road).

Emergency Brake

In emergency, completely press the brake pedal and maintain stable pressure. ABS prevents the wheel lockup and ensures safe parking by changing the braking pressure applied to each wheel based on the available braking force.

dTCS(Distributed Traction Control System)

When the vehicle starts or accelerates rapidly on icy road and other slippery roads, the drive wheels may slip. dTCS controls brake pressure and vehicle torque output to minimize the wheel spin.

Tips

When the vehicle is trapped (e.g. stuck in a muddy road or a deep snowy road), please control the depth of the accelerator pedal, and

do not depress the accelerator pedal to the floor all the time.

caution

G6 is not a professional off-road vehicle, please do not drive it on undulating off-road surfaces or muddy surfaces. dTCS function does not always help the vehicle get out of trouble on any muddy roads successfully.

EBD (Electronic Brake Distribution)

EBD is a part of ABS, which balances the braking distribution between the front and rear wheels based on the load on the vehicle during regular braking.

EBD will distribute the force generated by the braking system properly to 4 wheels based on the adhesion between each wheel and the ground, to get the optimal efficiency of the braking force, which can significantly shorten the braking distance, and keep the vehicle stable during braking, improving the driving safety.



EBA (Electronic Brake Assist)

In an emergency, quickly press and hold the brake pedal, EBA will generate a braking pressure higher than normal braking, allowing the braking system to generate the pressure required for maximum deceleration of the vehicle in the shortest possible time for the shortest braking distance.

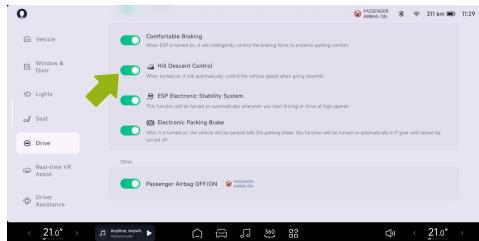
warning

EBA can improve the driving safety, but it cannot be beyond the kinematics law. Please adjust the speed according to the road conditions and the traffic speed.

HDC (Hill Descent Control)

HDC is a cruise control function that helps the driver to go downhill at a constant speed, alleviating foot fatigue caused by constantly pressing the brake pedal.

Turning on/off



The Hill Descent Control can be activated/deactivated on the “ → **Drive**” interface of CID.

When the vehicle speed is higher than 8km/h but less than 35km/h, the HDC function can be used. If the brake pedal or accelerator pedal is pressed during HDC operation, the function will exit and the driver needs to take over the vehicle. When the vehicle speed is higher than 60km/h, the function completely exits and entry is prohibited.



Tips

- HDC can work on slopes with gradient greater than or equal to 5%.
- Conditions for activating HDC: The vehicle speed is below 35km/h; The brake disc temperature is normal. The ESP system works properly.

warning

HDC can actively keep the vehicle descending at a constant speed, but it can not go beyond the laws of kinematics. For safety reasons, the driver should apply the brake in time according to the actual situation of the vehicle to avoid accidents caused by the going downhill too fast.

HHC (Hill Hold Control)

When the vehicle starts from a still state on a slope higher than 5%, the driver releases the brake pedal and presses the accelerator pedal, the power output is insufficient to prevent the vehicle from sliding before starting (the vehicle

has a tendency to slide) during the period. HHC will keep the braking force that the driver depresses on the brake pedal and keeps it stationary to prevent the vehicle from sliding.

Tips

- HHC function is only applicable to: when the vehicle is at D or R gear, the braking force generated before the brake pedal is pressed and released is sufficient to keep the vehicle on a slope.
- HHC function can last for about 1 second, and the braking pressure holding time will be released in advance or extended properly according to the driver and the slope.

warning

HHC can provide brake assistance, but it must follow the kinematics law. For safety reasons, the driver shall apply the brake in time according to the actual situation of the vehicle to avoid accidents caused by sliding.



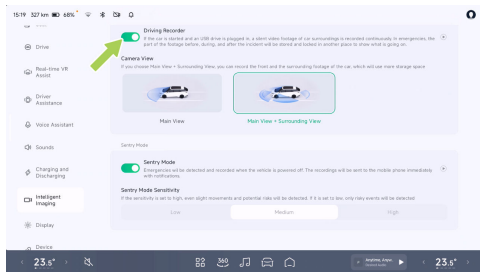
Driving Recorder

Introduction

The Drive Recording feature enables video recording of the vehicle while driving and stores the video on a USB stick. Video files can be used to view past information when the user needs it, or used to assist in evidence collection in the event of an accident.

Operation

Turns Driving recorder on/off



On the CID “→Intelligent Imaging→Driving Recorder”interface. Driving recorder can be switched on/off.

Drive Recording can be selected to record “**Main view**”or “**Main view + Surrounding View**”.

Drive Emergency Recording

Automatic triggering: When CID “”**Driving Recorder**”feature on. Vehicles will automatically recording and save collision risk events when they are detected.

Manual trigger: When CID “”**Driving Recorder**”feature on. You can click the status bar icon at the top of the CID. Click “**Emergency**”on the drop-down menu. Or tap the icon (such as Custom Settings) in the task bar at the bottom of the central control screen to record video urgently.

Emergency recording storage location: In the central control screen “→**Driving Recorder**→**Emergency**”Medium, Emergency recordings can be viewed and exported.



View the drive recording status

Click on the status bar  icon at the top of the central control screen to view the the driving video status.



When driving video is on and in recording



View the drive recording status



Drive recording is not available when the USB drive needs to be checked

Export driving video to mobile phone

In the center control screen “  → **Driving Recorder**” interface, “”After selecting the images to be transferred, Tap “  ”(also in the image screen  , click in the lower right corner), Go to the File Transfer screen and follow the prompts to transfer:

1. Mobile phone connection to vehicle hot spot;
2. Open your Xpeng App login account;
3. The central control screen selects the device to be transmitted;
4. When the mobile app pops up, Click “**Receive**”, to transfer the files to your phone system album.

Tips

- During file transfer, the central control screen and the mobile app should remain on the transfer interface and keep the mobile phone WiFi turned on to avoid disconnecting.
- During the file transfer, the phone will not be able to access the Internet and will resume after the transfer is complete and disconnected.

Install the external storage device

Video data for drive recording is stored on the vehicle's external storage device (USB), the



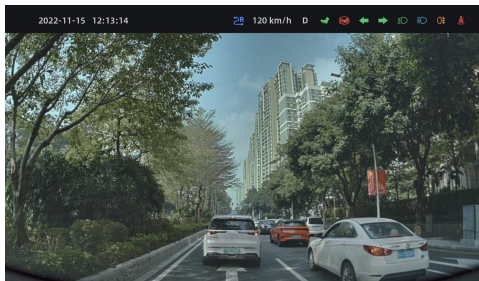
absence of a USB may result in the drive recording feature not being used properly.

The USB media source and Type-C power connectors at the front of the center armrest have data transmission and drive recording is available when a USB drive is inserted.

Drive recording recognizes only one USB drive at a time. Each power-on time, the USB stick that was used before power-off is preferred. If the USB drive used before power down is not recognized after 3 seconds of power up, the first USB drive recognized will be used as the active USB drive in the reading order.

Upgrade

Driving video adds tracking and reversing status record*(If applicable):



Warnings, Cautions, and Limits

- Drive recording is stored for approximately 3 minutes by default, if the vehicle is locked down during recording, USB flash drive is ejected, clear the video, Formatting or switching the recording view will cause the recording to be interrupted, driving recording will save the recorded video and then rerecord a new video. The video may take less than 3 minutes.



- Avoid an emergency power down during driving recording, which will prevent the video being recorded from being saved.
- Drive video is stored in a separate USB drive, do not remove the USB drive directly. To pull out, first control the screen in the center “ → **Driving Recorder** → **Manage Storage**” interface, Click the “**security pop-up**”, Otherwise, the video being recorded may be lost and may result in damage to the USB drive and corrupted or lost video data. Try to avoid the use of plug adapters, docking stations, etc., which can cause loose connections.
- When driving video is on, the video is recorded in a loop, overwriting the oldest video when it is full. To ensure that important videos are not overwritten, export important videos to other devices, such as a mobile phone or computer, as necessary.
- For better technical standards, please select 32GB or above, USB 2.0 or above, write speed 10MB/s or above USB drive.
- Only USB drives with partition formats FAT16, FAT32, NTFS are supported, non-formatted USB drives are recommended to be actively formatted once. Formatting will delete all files on the USB drive, please save important data before formatting.
- The USB drive has a fixed lifetime of number of writes and is a consumable item. For example, if the USB drive has been in use for more than half a year and the video is found to be very slow to read or video is lost frequently, replace the USB drive with a new one.
- Watch the video carefully for your safety while the vehicle is in motion.

Sentry Mode*

Introduction

When the function is switched on, the system will record any unusual vibration when the vehicle is locked. If required, the original recording can be viewed on the CID.

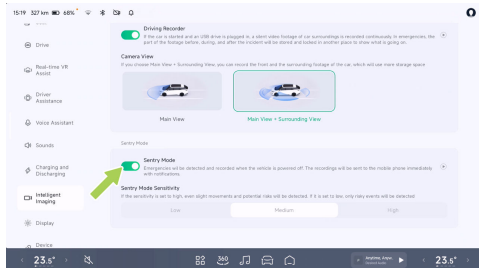


You can do the following with Sentry Mode:

- Sentry Mode is switched on/off via the CID.
- View sentinel recordings from the CID.
- Sentry Mode is turned on/off via the mobile App.

Operation

Sentry Mode is switched on/off via the CID.



On the CID “**Intelligent Imaging**” interface, “**Sentry Mode**” can be opened/closed. Sets the Sentry Mode sensitivity.

View sentinel recordings from the CID.

On the CID “**Driving recorder**→**Sentry Mode**” interface. The original Sentinel video is available for viewing.

caution

Filming may fail if the system runs out of space.

Sentry Mode is turned on/off via the mobile App.

On mobile APP “**XPENG**” interface , can turn on/off Sentry Mode.

Warnings,Cautions, and limits

caution

- When Sentinel mode is used, the system accesses the camera permissions to detect the vehicle's surroundings. Please use Sentinel mode in compliance with local laws and regulations and the camera usage requirements of the location where you



are located, and assume all corresponding responsibilities.

- When Sentinel mode is switched on, the vehicle security alarm may also be activated when the vehicle is subjected to an intrusion such as pry doors, prying the boot.
- Sentinel mode is only active during single-exit when switched on, and functions are automatically switched off when the vehicle is powered on.
- Sentinel mode consumes a certain amount of vehicle power, switch on if necessary.
- Battery power is continuously consumed during Sentinel mode operation and automatically exits Sentinel mode when the vehicle range is below 50 km.
- Sentinel videos can be saved for up to 90 days and will be automatically deleted after 90 days, so please review and export the videos in a timely manner.



I-key

Introduction



1. Lock button

Press and release this button to lock the vehicle.

i Tips

- When the driver seat is unoccupied, the vehicle is engaged in P gear and all doors (including the front hatch and trunk) are closed, the vehicle can be locked.
- After locking, the turn signal lights will flash once and the horn will sound once (if set).

2. Trunk opening/closing button

Press this button twice to open or close the trunk.

3. Unlock button

Press this button briefly to unlock the vehicle.

i Tips

After unlocking, the turn signal light will flash twice and the horn will sound twice (if set).

4. Charging port cover opening/closing button

Press this button twice to open or close the charging port cover.

Operation

Setting the feedback of unlocking and locking outside the vehicle

The Unlocking Feedback can be set on the “ → **Window&Door**” interface of CID.

Replacement of I-key battery



1. Press the trim cover unlock button and remove the trim cover as indicated by the arrow.



2. Carefully flip the cover upwards along both edges of the back cover.



3. Remove the key battery. Battery type: CR2032H.
4. Install the battery in reverse order of removal. Place the key battery “+” (positive) facing up.

Cellphone App Bluetooth key

Introduction

Cellphone App Bluetooth key can be used to check the vehicle status and control some of the vehicle functions remotely. After Bluetooth



pairing, you can use the remote parking [See 121 page](#) and PEPS [See 201 page](#) on your cellphone.

Tips

- You can use the cellphone Bluetooth key in the garage and other places without network.
- The XPENG vehicle is equipped with both media Bluetooth and key Bluetooth. The cellphone App Bluetooth key connects to “**key Bluetooth**”, without pairing in the CID.

Operation

Activating cellphone App Bluetooth key

When the network of the cellphone and the vehicle is normal, tap the “**XPENG Page→Key Activation**” in the cellphone App interface to activate the cellphone App Bluetooth key.

Tips

After successful activation of the cellphone App Bluetooth key, the original “**Key**

“**Activation**” button changes into the “**Vehicle Locking**” button.

Vehicle unlocking and starting

1. If the Bluetooth is paired, tap the “**XPENG Page→Vehicle Lock**” to unlock the vehicle, and the vehicle can be started within 20min after the gear is engaged.
2. If Bluetooth is not paired but there is network connection, tap the “**XPENG Page→Vehicle Lock**”:
 - Tap “**Unlock Doors Only**” to unlock the doors. Tap “**Remote Start**” again and depress the brake pedal within 2min to start the vehicle.
 - Tap “**Unlock and Start**” to unlock and start the vehicle remotely. Please depress the brake pedal to start the vehicle within 2min.

Authorizing other vehicle and Bluetooth key

1. The authorized person shall download the cellphone App and register in advance, and then log in the account.



2. The authorizer taps “**Settings→Authorization**” in his/her cellphone App interface to add the account owned by the authorized person.
3. The authorized person accepts the authorization on the cellphone App and activates the cellphone App Bluetooth key to control the vehicle.

Tips

- The above operations require a connected Internet and there may be delayed feedback. If there is any problem, please repeat the operation again.
- 5 users can be authorized at most.

PEPS

Introduction



The vehicle will be unlocked automatically when you are near a certain range of the vehicle with the cellphone App Bluetooth key carried, and will be locked automatically when you leave.



Operation

Function activation

When the network of the cellphone and the vehicle is normal, tap the **“XPENG Page→Settings→Key Management”** in the cellphone App interface to turn on the **“Walk-in Unlocking”** and **“Walk-away Locking”**.

The **“Walk-in Unlocking”** and **“Walk-away Locking”** functions shall be reset after reactivating the cellphone App Bluetooth key, reinstalling the cellphone App or logging in by a new cellphone.

Function usage

Vehicle unlocking

When you approach the vehicle in a distance with your cellphone, the vehicle will be unlocked and the door handle will be extended automatically. If the door handle is not extended, pull the handle directly to unlock the door.

Vehicle starting

If the cellphone App Bluetooth key being paired with vehicle Bluetooth is left in the vehicle, depress the brake pedal to start the vehicle.

Vehicle locking

When the vehicle is in P gear and all doors (including the front hood and trunk lid) are closed, carry your cellphone away from the vehicle and the vehicle will be locked automatically.

caution

Please make sure the vehicle is locked before leaving even if the **“Walk-away Locking”** function is activated.

Tips

- Before using the cellphone App Bluetooth key, please make sure the **“Bluetooth”** function of your cellphone is turned on.
- In the open field, Bluetooth can be paired within up to 30 m around the vehicle, which may vary due to the influence of cellphone



Bluetooth hardware, human body blocking, and environmental interference factors.

- Please keep the cellphone App running in the background after unlocking the vehicle, otherwise you may not be able to start the vehicle or lock the vehicle.
- The vehicle Bluetooth can be paired with 1 cellphone App Bluetooth key only. When more than one cellphone App Bluetooth key is near the vehicle at the same time, the cellphone App Bluetooth key that unlocks the vehicle first will automatically log in the account on CID.

When the walk-in unlocking function fails or the gear engagement fails, please tap the **"XPENG Page"** in the cellphone App interface to check the Bluetooth pairing, then release the brake pedal first, and retry to depress the brake pedal and engage into a gear. If the Bluetooth is still not paired, please tap the **"XPENG Page→Settings→Key Inspection"** in the cellphone App interface to follow the instructions for troubleshooting.

When the vehicle needs to be locked temporarily because there is a passenger in the vehicle, please make sure that all the doors (including the front hood and trunk lid) are closed first, and then tap the **"XPENG Page→Temporary Parking"** in the cellphone App interface to turn on the function. The vehicle will be locked, but the A/C and the CID will continue to work. The passenger in the vehicle can get off at any time by pressing the door electric release switch.

If the vehicle is locked by the I-key or the cellphone App Bluetooth key, the passengers in the vehicle can still press the electric release switch to get off, but the vehicle anti-theft alarm system will be triggered at this time. It is recommended to unlock the door before triggering the alarm to facilitate passengers to get off the vehicle.

Caution and Limitation

The automatic unlocking and locking function of the cellphone App Bluetooth key will be deactivated when:



- The cellphone is in low battery level and low battery mode.
- Cellphone App stops running in the background.
- Bluetooth signal is unstable or abnormally disconnected.
- Bluetooth signal is blocked by obstacles (such as backpack, human body, wall, etc.), resulting in abnormal ranging.
- Cellphone App is not opened after cellphone restart or system upgrade.

After the above problems occur, please try to:

- Clear the blockage between the cellphone and the body, such as taking out the cellphone from the pocket, backpack.
- Open the cellphone App.
- Restart the cellphone App.

Flush Door Handle

Introduction



When the vehicle is unlocked, the door handles will automatically extend and can be pulled to open the door; When the vehicle is locked, the door handles will automatically fold.



The Pop-out Handles on Unlock can be enabled/disabled on the “🚗 → **Window&Door**” interface of CID

Tips

If the door handle retracts/extends more than 8 times in 1 minute, the tamperproof mode will be triggered to disable the door handle operation. The door handle function will be restored after 20s.

Electric Door Opening and Closing

Introduction

The doors can be unlocked/locked in the following ways:

- I-key [See 197 page](#)
- Cellphone App bluetooth key [See 199 page](#)
- PEPS [See 201 page](#)
- Door electric release switch
- Door lock switch

- Emergency opening [See 339 page](#)
- Auto unlocking at collision

Operation

Door lock switch



The door lock switch is located on the driver side door armrest:



- Lock: When all doors (including the front hood and trunk lid) are closed, press this button to lock the vehicle.
- Unlock: Press this button to unlock the vehicle.

Door electric release switch



When the vehicle is stationary, press the door electric release switch on the side of the door armrest to open the corresponding door.

Auto unlocking at collision

When the vehicle is involved in a serious collision resulting in the airbag deployment, the vehicle will be unlocked automatically immediately after 3s.

Tips

In the case of auto unlocking at collision, the turn signal lights will flash, and stop flashing when the vehicle is powered off or the hazard warning light button is pressed.

Trunk Opening and Closing

Introduction

The trunk can be opened and closed in the following ways:

- Xiao P voice assistant



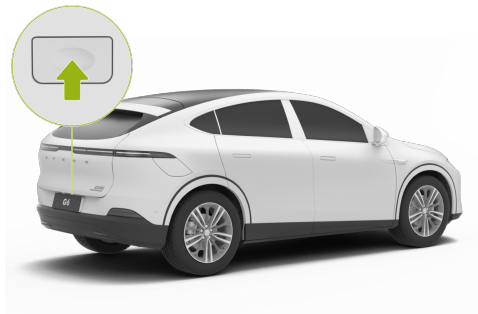
- I-key [See 197 page](#)
- Cellphone App bluetooth key [See 199 page](#)
- CID
 - 3D vehicle control [See 85 page](#)
 - Quick panel [See 30 page](#)
 - Bottom status bar (if set) [See 29 page](#)
 - “ → **Window&Door**” interface
- Trunk external switch
- Trunk internal switch
 - Opening angle adjustment
- Emergency opening [See 337 page](#)

Tips

It can be turned on with the vehicle is engaged in P gear.

Operation

Trunk control by external switch



When the vehicle is unlocked, press the external switch to open or close the trunk automatically.



Trunk control by internal switch



- Press the internal switch to open or close the trunk, or to pause the trunk that is opening or closing.
- Press down the trunk with force in the direction of closing, the vehicle will detect the pressure and close the trunk automatically.

Adjustment of trunk opening angle

The trunk opening angle can be adjusted via the CID or the trunk internal switch.

Open the trunk to the desired angle, press and hold the trunk internal switch until an audible feedback is heard, and the trunk opening angle is set.

Tips

When the switch is pressed and held to open the trunk at an angle lower than the lowest angle allowed to be set, the trunk opening angle will be set to the lowest value.

The Trunk Unfolding Angle Memory can be set on the “ → **Window&Door**” interface of CID.

Trunk anti-pinch protection

When there is an obstacle in the way of opening and closing the trunk, the trunk will move back for a certain distance.



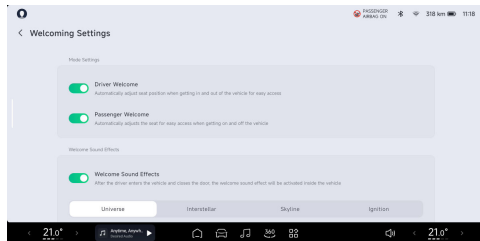
! warning

When opening and closing the trunk, make sure that there are no people or other obstacles within the movement range of the trunk to avoid the personal injury or vehicle damage.

Welcome Mode

Introduction

When the front occupant unfastens the seat belt and opens the door, the seat will move back to a position that is convenient for getting out of the vehicle, and the next time the occupant gets in the vehicle and closes the door, the seat will return to the memorized position. With the welcome sound effect enabled, when the driver enters the vehicle and closes the door, the welcome sound will be played.



The welcome function and welcome sound can be set on the “ → **Window&Door**” interface of CID.

i Tips

- If the seat backrest inclination angle is large, moving the seat backwards may affect the rear passengers, and the welcome function will not be activated at this time.
- If the seat is moved backwards convenient for people to get out of the vehicle, the welcome function will not be activated at this time.



caution

Always make sure that there are no obstructions within the seat movement area before the seat approach function is activated, as personal injury or vehicle damage may result.



A/C operation

Introduction

Front row A/C setting interface



1. Front/rear A/C switching

- Tap “**Front/Rear**” to swith between front and rear A/C setting interface.
- Display the front/row A/C on state.

2. PM2.5 [See 217 page](#)

- Tap the card to turn on or off air purification.



- Display the air quality inside and outside the vehicle.

3. Front passenger A/C assembly

- Display the current temperature and air flow of the front passenger A/C.
- Adjust the front passenger A/C.

Tips

Adjusting the front passenger A/C cancels the synchronization of driver and front passenger.

4. Temperature adjustment on front passenger side

5. Rapid temperature control/smart A/C

-  Max cooling: once activated, the A/C temperature is adjusted to the lowest, the air flow to the maximum, and the seat ventilation is activated automatically.
-  Max heating: once activated, the A/C temperature is adjusted to highest, the air flow to the maximum, and the seat heating

and steering wheel heating are activated automatically.

Tips

For more comfort experience, it is recommended to turn on the A/C remotely via the cellphone App for max cooling/heating in summer (high temperature) or winter (low temperature).

- Smart mode [See 216 page](#).

6. Heating and defrosting / internal/external circulation

- : turn on/off front windshield defrosting.
- : turn on/off rear windshield/exterior rearview mirror heating and defrosting.

Tips

- When the heating function is turned on, the system will turn it off automatically after 14 minutes of heating if it is not turned off manually.



- If the 12V battery voltage is lower than 9V during the heating, the system will automatically turn off the heating function.

caution

- When the vehicle is not started, do not use the heating and defrosting function for a long time to avoid the 12V battery being depleted and unable to start the vehicle.
 - Do not touch with your hands when the heating and defrosting function is activated.
- : switch between internal and external circulation.
7. • With A/C on, tap to open/close the air vent, and drag the slide bar to adjust the wind direction of the air vent.
- The vent modes can be selected are: Free Vent, One -Way Vent, Symmetric Vent, Sweep.

8. Turn on/off front row A/C

Tips

It is recommended not to turn on the A/C system during charging.

9. Air flow adjustment

Tips

The vent mode can be selected in the blank area on the A/C interface.

10. Blowing mode

- : window blowing.
- : face blowing.
- : foot blowing.

Tips

- Red wind indicates that the set temperature is higher than the interior temperature and the A/C is heating.



- Blue wind indicates that the set temperature is below the interior temperature and the A/C is cooling.
- Grey wind indicates that the set temperature is close to the interior temperature and the A/C is maintaining the temperature.

11. A/C mode

- Tap **“SYNC”** to enable/disable the synchronous temperature control for the driver and the front passenger.

Tips

Once the ECO mode is selected, the temperature synchronization is enabled at the same time.

- A/C: A/C cooling or heating turned on after this function is activated.
- AUTO: The A/C will be controlled automatically according to the set temperature once this function activated.

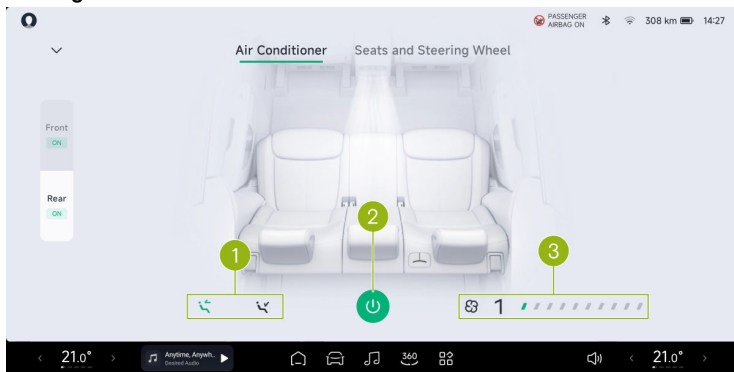
12. Temperature adjustment on driver side

13. Driver A/C assembly

- Display the current temperature and air flow of the driver A/C.
- Adjust the driver A/C.



Rear row A/C setting interface



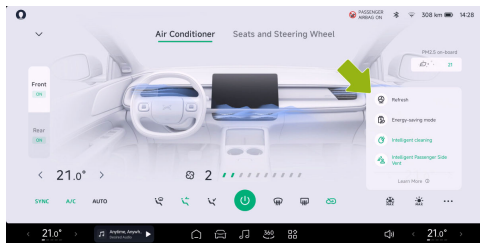
1. Blowing mode
 - : rear row face blowing.
 - : rear row foot blowing.
2. Rear A/C on/off
3. Air flow adjustment

Tips

The A/C can also be controlled via the steering wheel and voice assistant.

A/C Smart Mode

Operation



Refresh

This function is suitable for quickly removing the smell of a new delivered vehicle at the beginning of the vehicle's life, or when an abnormal smell is detected in the vehicle while driving. After this mode is turned on, it will provide continuous ventilation for 180s and improve driving comfort.

Energy-saving mode

After the Energy-saving mode is turned on, the A/C will run in a more power-saving mode, reducing the power consumption of the A/C and extending the range. After it is turned on, the A/C cooling or heating performance will be affected.

Intelligent cleaning

After the vehicle is locked, the water accumulation in the A/C system is detected intelligently and the self-drying function will be enabled to reduce the growth of bacteria and the chance of smell in the vehicle.

i Tips

The function consumes a certain amount of power when enabled and has a small impact on the range.

Intelligent Passenger Side Vent

In positions other than the driver seat, the A/C vents open or close automatically depending



on whether someone or no one is present, reducing A/C power consumption and extending the range.

Air Purification

Introduction

The air purification system can obtain the air quality inside the vehicle through sensors and the Internet, and display it on the A/C interface. When the air quality in the vehicle is poor, it will actively remind the driver to activate the air purification function.

Air purification function can be activated in the following ways:

1. Say to XPENG: perform air purification.
2. Tap the PM2.5 on-board lower area on the CID to start the air purification.
3. With AUTO mode on, when the air quality level in the vehicle is moderately polluted or poorer, the air purification mode will be automatically turned on.

Air purification function can be deactivated in the following ways:

1. When the air quality level in the vehicle is good or better, it will stop automatically for 30s.
2. During purification, tap the air purification icon in the lower right corner of the A/C control interface again to stop the purification.
3. During air purification, turn off the A/C and turn on the front defroster, the air purification function will exit accordingly.
4. During air purification, turn on max heating, max cooling, and smart refresh, the air purification function will exit accordingly.



Seat

Adjustment via Switch

Driver/front passenger seat switch



1. Seat/cushion adjustment switch

- Forward/backward adjustment: Move the switch forward and backward.

- Seat height adjustment: Move the rear part of the switch upward and downward.
- Seat cushion height adjustment: Move the front part of the switch upward and downward.

2. Backrest inclination adjustment switch

Tips

The operations of the front passenger seat is the same as that of the driver seat, but cushion height adjustment is not available.



Rear seat backrest adjustment switch



The rear seat cushions are equipped with seat backrest adjustment buttons on both sides, making it easy for rear passengers to adjust the angle of the seat backrest.

Rear seat inclination switch



1. Pull the seat backrest release lever.
2. Incline the seat backrest forward.
3. To restore the seat backrest, pull out the seat belt, lift the seat backrest upwards and push it backwards to lock it.



caution

Prior to the inclination of the seat backrest, items on the rear seats should be removed so as not to interfere with the inclination of seat backrest.

Front/rear seat headrest adjustment switch



- Down: Press and hold the locking button and push down the headrest to the desired position.
- Up: Lift up the headrest directly to the desired position.

caution

The lowest position of headrest is not suitable for use. The headrest should not be adjusted to the lowest position when the seat is occupied.

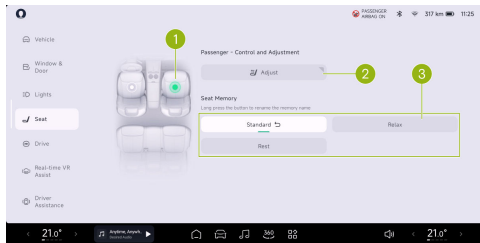


Seat adjustment parameters

In the initial position, the adjustment parameters of the seat are as follows:

	Item	Parameters
Driver seat	Forward/backward adjustment	Total travel 260mm,: 212mm forward, 48mm backward
	Up/down adjustment	Total travel 69.5mm: 35.6mm up, 33.9mm down
	Backrest adjustment	Total travel 91°: 16° forward, 75° backward
Front passenger seat	Forward/backward adjustment	Total travel 260mm,: 212mm forward, 48mm backward
	Up/down adjustment	Total travel 69.5mm: 35.6mm up, 33.9mm down
	Backrest adjustment	Total travel 91°: 16° forward, 75° backward

Adjustment via CID



On the “ → **Seat**” interface of CID, you can adjust the seat position.

1. Tap to select the seat that needs to be adjusted.

Tips

- After turning on the lumbar support adjustment via steering wheel buttons in the CID, scroll the rollers on both sides of the steering wheel to adjust the height and position of the lumbar support.

- The front passenger seat does not support lumbar support adjustment.

2. Tap to enter the adjustment interface of the selected seat.
3. Tap to recall the memory position of the selected seat.

Tips

- After turning on the lumbar support adjustment via steering wheel buttons in the CID, scroll the rollers on both sides of the steering wheel to adjust the height and position of the lumbar support.
- The passenger seat does not support cushion and lumbar support adjustment.

caution

- Adjust the seat with caution and ensure that other occupants are not injured when the seat is moved.



- Do not put your fingers or other parts of your body under the seat, as this may cause the pinch injury.
- Do not place floor mats or other foreign objects (e.g., beverage bottles, charcoal bags, etc.) with a thickness of more than 10mm on the bottom of the front seats, as they may get caught between the seat and the guide rail, preventing the seat from being adjusted and locked, and thus damaging the seat. It is recommended to use the floor mats approved by XPENG.
- Do not adjust the front seats while driving, as this may lead to the incorrect sitting posture and cause accidents.
- Do not adjust the seat with the seat belt fastened to prevent the abnormal use of the seat belt, which may cause personal injury and protection failure.
- Do not modify or disassemble the front seats.

Seat memory

On the “ → **Seat**” interface of CID, the seat can be adjusted to the appropriate position, which is saved according to the prompts on the CID.

Seat Heating

Introduction



Open the A/C interface, and tap “**Seats and Steering Wheel**” to open the seat heating and ventilation interface.

Tap “ ” to turn on the heating function of corresponding seat. The current level is 3. Tap

Comfort Driving



again to switch between level 2, level 1, off and level 3.

The driver and passenger seat heating can be activated/deactivated on the CID quick panel interface or bottom status bar (if set) [See 29 page](#).

Seat Ventilation

Introduction



Open the A/C interface, and tap “**Seats and Steering Wheel**” to open the seat heating and ventilation interface.

Tap “” to turn on the ventilation function of corresponding seat. The current level is 3. Tap again to switch between level 2, level 1, off and level 3.

The driver and passenger seat ventilation can be activated/deactivated on the CID quick panel interface or bottom status bar (if set) [See 29 page](#).

Steering Wheel Heating

Introduction





Open the A/C interface, and tap “**Seats and Steering Wheel**” to open the seat heating and ventilation interface.

Tap “” to turn on the heating function of the steering wheel. The current level is 3. Tap again to switch between level 2, level 1, off and level 3.

Adjustment of Windows

Introduction

You can control the windows in the following four ways:

- Interior buttons
- Xiao P voice assistant
- CID
- Cellphone App Bluetooth key [See 199 page](#)

Tips

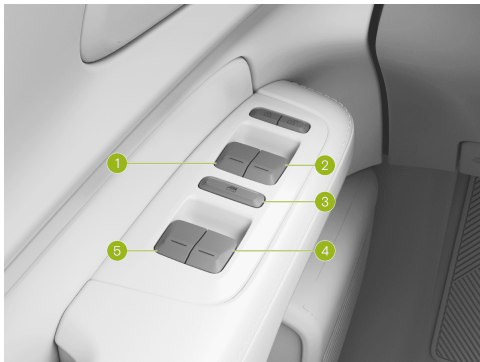
When the one-button closing and anti-pinch function fails, you can try the following initialization procedure.

warning

- Before closing the window, the driver must ensure that all passengers (especially children) have not put any part of their body out of the window, otherwise, pinch injury can occur!
- When locking the vehicle, the windows will be closed automatically, so the driver must make sure that the all passengers will not be pinched by the closing windows before locking the vehicle.
- Before leaving the vehicle, please make sure that the vehicle is powered off.

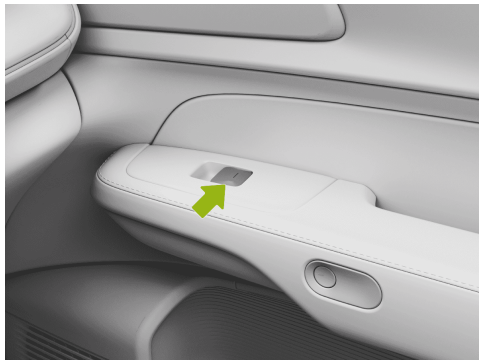
Operation

Adjustment via driver window switch



1. Left front door window lift switch
2. Right front door window lift switch
3. Passenger window lift switch
4. Right rear door window lift switch
5. Left rear door window lift switch

Adjustment via passenger window switch



The left rear door, right front door and right rear door are equipped with the passenger lift switch.

Move the window lift switch up/down to the second level, the window will automatically moves to the fully closed/open position.

Move the window lift switch up/down to the first level and hold it, the window will start to



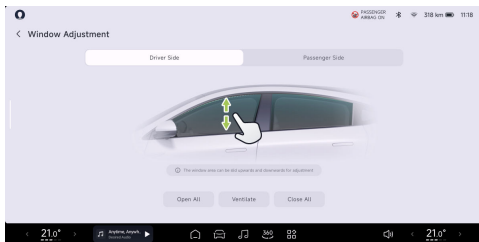
lift/lower. Release the switch to stop the moving window.

When the passenger window switch disable function is turned on, the indicator on the switch will illuminate, at this time, the window switches on the other doors are disabled, and all windows can only be adjusted by the window switch on the driver's door panel.

Tips

When riding with children, to ensure safety, the passenger window regulator switch should be disabled to prevent children from operating the window and cause pinch injury.

Adjustment via CID



The windows can be set to “**open All**、**Ventilate**、**Close All**” on the “ → **Window&Door** → **Window Adjustment**” interface of CID. The adjustment can also be realized by sliding up and down in the window area.

Auto window closing

The functions of “**Close windows automatically after vehicle locking**” and “**Close windows automatically when travelling at high speeds**” can be set on the “ → **Window&Door**” interface of CID.

Window anti-pinch

When the window is closed by one touch, if it is blocked by an obstacle in the anti-pinch area, the window will stop closing and move back for a certain distance.

warning

Even if the windows are equipped with the anti-pinch function, pinch injury still may occur when closing the windows, and it is prohibited to activate the anti-pinch function by blocking the window closing with any part of the body.

Steering Wheel Buttons

Introduction



1. Left and right buttons:

- Default: adjusts the A/C airflow.
- Adjust the headway when ACC is on.
- Control the left exterior rearview mirror lens to flip left and right after waking up the exterior rearview mirror adjustment.



2. Roller:

- Scroll up and down to adjust the A/C temperature.
- Press and hold to enter the tablet switching mode on the left screen of the instrument, scroll up and down to select the tablet, press and release to confirm the selection.
- Scroll up and down to increase or decrease the vehicle speed when ACC is on.
- Scroll up and down to control the left exterior rearview mirror lens up and down after waking up the exterior rearview mirror adjustment.

3. Steering wheel customized keys:

Press and hold to set the function of this button, press and release to execute the set function.

4. Voice wake-up button:

Wake up or turn off the XPENG voice assistant.

5. Previous/next track button:

- Press and release to play the previous or next station/section/song.
- Control the right exterior rearview mirror lens to flip left or right after waking up the exterior rearview mirror adjustment.

6. Roller:

- Scroll up and down to adjust the media volume.
- Press and release to confirm the multimedia play/pause/pop-up.
- Press and hold to enter the tablet selection status on the right side of the ICM.
- Scroll up/down to select answer/reject the incoming call, press and release the roller to confirm. Press and release to end the call.
- Scroll up/down to control the right exterior rearview mirror lens to flip up/down after waking up the exterior rearview mirror adjustment.

7. Mute button: Press and release to mute/cancel mute.



8. Back button.

Horn



Press the horn area to sound the horn.

caution

Do not press the area with horn symbol for a long time, otherwise the horn will be easily damaged.

warning

Do not press or hit the area with horn symbol vigorously to avoid triggering the deployment of the driver's airbag and causing personal injury.

Button emergency function

Press and hold the voice wake-up button and mute button at the same time to restart the instrument panel and CID.

This function can be used temporarily in case of instrument panel and CID faults such as suddenly frozen screens. If the fault still exists after restarting, please contact XPENG Service Center for repair in time.



Steering Wheel Shortcut

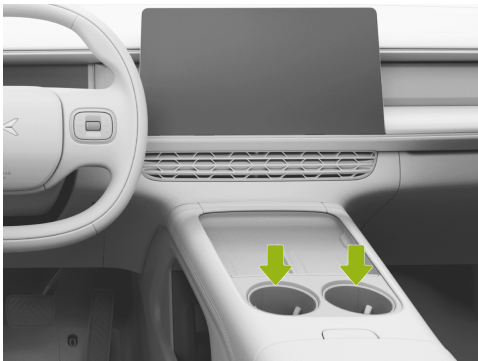


Press and hold steering wheel customized keys or tap on the “→**Drive→Steering Wheel Shortcut**” interface of CID, to set the functions of steering wheel customized keys.

Cup Holder

Introduction

Front cup holder



The dashboard is equipped with a cup holder, which can be used to place drinks and water cups.



Rear cup holder



After flipping down the central armrest of the rear seat, press the button on the front end of the armrest lightly to open the cup holder for use.

warning

- Do not place fine objects and other debris in the cup holder to avoid jamming.

- Do not place open beverage cups in the cup holder while driving. Otherwise, hot beverages spilled from the cups may burn the driver and occupants in the vehicle, and will also damage the vehicle and its electrical equipment.



Power Outlet and Data Interface

Introduction

Interior rearview mirror base interfaces



USB power port: Supply power to the external DVR.

caution

- To avoid damaging the electrical system of the vehicle, do not connect the power generating equipment to the USB power port.
- When the vehicle is powered on or off, disconnect the charging equipment connected to the USB power port to avoid damage to the electric equipment caused by voltage fluctuation.
- Do not use the USB power port when no one is in the vehicle. Improper use of the USB power port may cause a fire.
- Do not use the high-power electrical equipment.

Central armrest box front interfaces



1. USB media source interface: For microphone, gamepad, data transmission* (if applicable) etc.
2. Type-C power port: For data transmission and charging of electronic devices, support standard charging protocol with a maximum power of 60W. Support USB2.0 data transmission, wired Carplay.

3. 12V socket: Maximum power of 180W.

caution

Do not charge the equipment using the USB media source interface, as this may cause the CID to reboot or black out.

Central armrest box rear interfaces



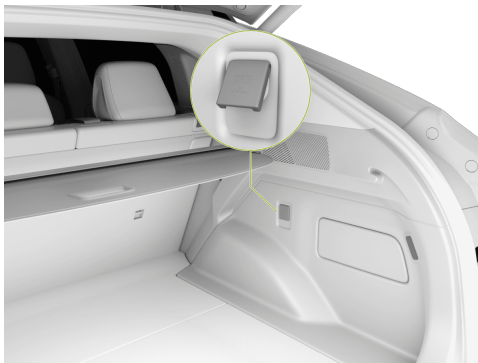
1. Type-C power port: Maximum power of 15W.



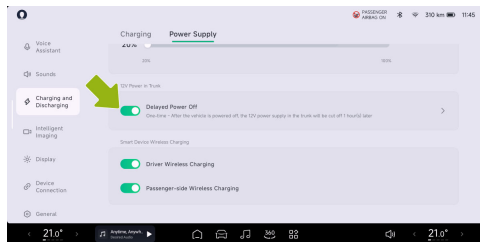
warning

Do not modify the Type-C interface at will.

Trunk internal interface



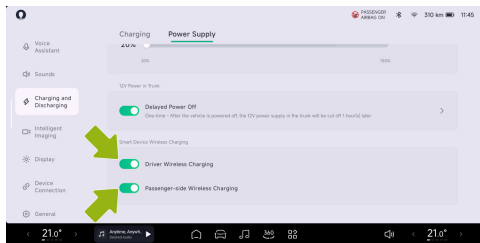
12V socket: Maximum power of 180W.



The 12V delayed power-off of trunk power supply after the vehicle is powered off can be set with **“Delayed Power Off”** enabled on the “ → **Charging and Discharging** → **Power Supply**” interface of CID.

Cellphone Wireless Charger (CWC)

Introduction

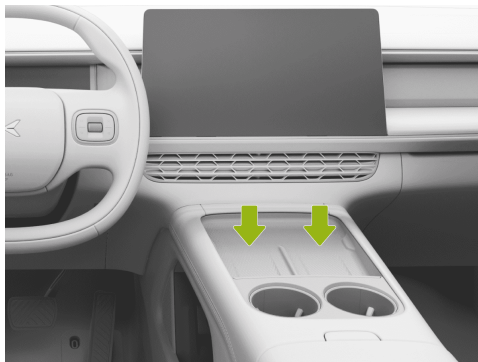


The Driver Wireless Charging or Passenger-side Wireless Charging can be enabled/disabled on the “→**Charging and Discharging**→**Power Supply**” interface of CID.

caution

Some cellphones without wireless charging function placed on the wireless charging pad may cause the screen flashing, jumping, etc., if

necessary, it is recommended to turn off the wireless charging via the CID.



The wireless charging area is located at the front of the dashboard. When charging, please face up the phone screen and slide the phone to the bottom of the charging area along the limiting strip, which will facilitate the induction, charging



and heat dissipation of the phone. The “” will be displayed on the CID while charging.

Tips

The CWC function supports charging power up to 50W and can cool down the cellphone by air to enhance the charging efficiency.

Wireless charging will stop when:

1. The phone is placed at the top of the charging area, resulting in charging interrupted or not sensed.
2. The foreign object is detected between the phone and the wireless charging module during charging.
3. The vehicle key searching function is enabled.
4. The vehicle is not in Ready state and the brake is applied.
5. The vehicle is in Ready state, and the vehicle speed reaches 40km/h for the first time.
6. The vehicle is in Ready state and the last door is closed.

7. The left front door is unlocked, the four doors are closed, and the trunk is closed.

warning

- The CWC function can heat the metal. Please ensure that there are no metal foreign objects on the back of the cellphone and the charging area before charging. Otherwise, the metal foreign objects may be heated or damaged, or even cause a safety accident. Metal foreign objects refer to objects with metal components, including but not limited to chips, magnetic cards, etc.
- When a cellphone without wireless charging function is placed in the charging area, it is recommended to manually tap the CID settings to deactivate the wireless charging function, so as not to affect the normal use of the cellphone.
- For a cellphone with 50W wireless fast charging function, the cellphone must be placed at the bottom of the charging area along the limiting strip, and the cellphone



must completely cover the air outlet to avoid overheating.

- The air outlet of the wireless charging cooling fan is located at the lower end of the wireless charging. Please prevent the foreign objects and liquids from entering the air outlet and affect the operation of the fan.
- Do not spill water in the wireless charging area to prevent water from entering the wireless charging module and causing damage to electronic components.
- External wireless charging coils may cause accidents, so please use them with caution.
- When the driver leaves the vehicle, please do not place the unattended cellphone in the vehicle for charging to avoid causing safety hazards.
- Please do not place heavy objects in the charging area to avoid damaging the wireless charging module.
- If the wireless charging function fails or works abnormally, please stop using it and

contact the XPENG Service Center for maintenance.

- The cellphone will heat up after being charged for a long time, which is normal. Do not continue to place the charging device in the charging area after it is fully charged to avoid overheating.
- Do not use cellphone cases made of metal, such as those that support magnetic charging (MagSafe).

Reading Light

Introduction

Reading lights are installed on the ceiling of the vehicle.

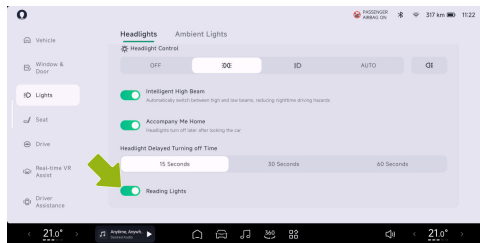
Turning on/off front reading lights



Comfort Driving

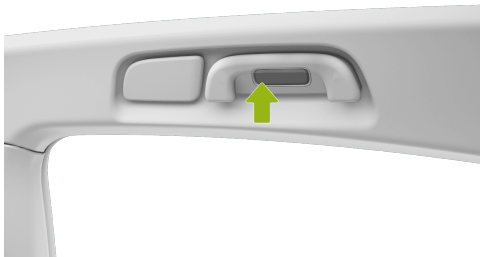


The reading lights are installed in the headliner switch panel. Touch the corresponding side reading light shade to light up the reading light; Touch again to turn it off.



The reading lights can be turned on/off on the “ → **Lights** → **Headlights**” interface of CID.

Turning on/off rear reading lights



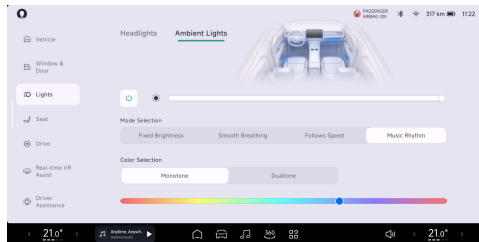
Press the corresponding side reading light switch to light up the reading light; Touch again to turn it off.

Ambient Light

Introduction

This vehicle is equipped with ambient lights that change color to match the sound, adding warmth to your journey at night.

Turning on/off



The ambient lights can be set on the “→**Lights**→**Ambient Lights**” interface of CID.



Brightness adjustment

When the ambient lights are turned on, the brightness of the ambient light can be adjusted manually.

Mode selection

The ambient lights have four mode settings: Fixed Brightness, Smooth Breathing, Follows Speed, and Music Rhythm, which can be selected in the ambient light control interface.

Color selection

Monotone and dualtone options are available depending on the mode.

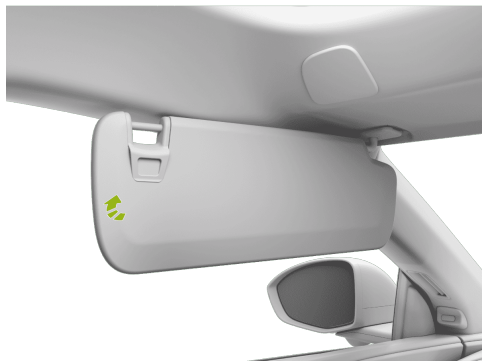
Sun Visor and Vanity Mirror

Introduction

Sun visor



Flip down the sun visor as indicated by the arrow to block the sunlight coming through the front windshield.



After flipping down the sun visor, remove the end of the sun visor near the interior rearview mirror from the bracket and flip the sun visor toward the window to block sunlight coming through the window glass.

warning

The sun visor flipped down may obstruct the view ahead. If the sun visor is no longer needed, please restore it to its bracket.

Vanity mirror



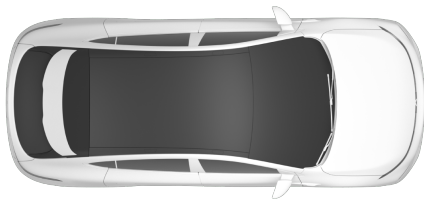
The vanity mirrors are embedded in the sun visors on both driver and passenger sides. Flip



down the sun visor and lift the vanity mirror cover up, the vanity mirror light will go on automatically; Close the vanity mirror cover, the vanity mirror light will go off automatically.

Panoramic Moonroof

Introduction



The vehicle is equipped with a panoramic moonroof, which provides you with a wider field of vision. The moonroof is provided with thermal insulation coating to enhance your driving experience.

caution

After leaving the vehicle under the sun in hot weather, the temperature of the panoramic moonroof will be high, please do not touch it at this time, otherwise, burn injury may occur.

Trunk Shade

Operation

The trunk is equipped with a shade.

Use of shade



1. Pull out the shade.
2. Snap the two ends of the shade into the fixing grooves on both sides of the trunk.

warning

It is prohibited to place any objects on the unfolded shade, otherwise the shade will be

damaged or the objects will be thrown forward and cause personal injury in the event of a collision.

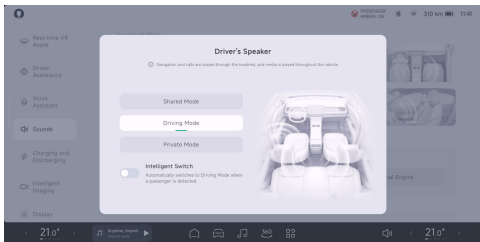
Removal and installation of shade

- Retract any end of the shade to remove it.
- When installing, first snap one end of the shade into the fixing groove, then retract the other end of the shade and snap it into the fixing groove.

Audio on Driver Side

Introduction

The audio mode on driver side can be set on the “ → **Sounds** → **Driver's Speaker**” interface of CID.



The driver's speaker has three modes on the driver side:

- Shared Mode: All sounds are played through audio in the vehicle.
- Driving Mode: Navigation and calls are played by audio inside the driver seat backrest, without affecting the music experience.
- Private Mode: All sounds are played by audio inside the driver seat backrest, only the driver can wake up voice assistant.

Tap **"Intelligent Switch"** to automatically switches to Driving Mode when a passenger is detected.

External Discharge V2L

Introduction

This vehicle can use the discharge device to supply the power of traction battery power to other electrical appliances with the discharge voltage of 220V and the maximum power of 3.3kw.

Operation

1. Open the charging port.
2. When the conditions are met (vehicle unlocking & battery SOC above the power supply limit), inserting the charging gun can directly provide electricity to the outside.
3. When power supply is completed, tap **"End Power Supply"**.
4. Press and hold the unlock button of the charging plug to remove the charging plug.



Caution and Limitation

Tips

- The power supply will stop automatically after the SOC limit (if set) of the traction battery is reached.
- When the SOC of the traction battery is lower than 20%, the external discharge function is not available.

warning

- Do not use the external discharge function when the external electric appliance or charging plug is damaged.
- Never allow minors to touch or use the charging plug, and keep them away from the charging plug during use.
- When the power supply is abnormal, please deactivate the external discharge function immediately.

- Do not touch the plug pins of electrical appliances and the socket of the charging plug.
- Do not use shoddy products, medical or health care electronic devices.
- Do not use products that require a continuous power supply, such as medical equipment. The power supply may be interrupted depending on the vehicle's condition.
- Put the power plug fully and use the qualified plug that meets the standard. If you use worn, corroded or broken plug or improper plug, it might be a cause of malfunction.
- Do not use high power home appliances that pull current for a long time such as air conditioning, washing machine or dryer, etc.
- Do not hang the home appliances on the adapter.
- For devices used outdoors in a vehicle, use a product with a waterproof function or use



it in a waterproof environment. Do not use in environments with rain or high humidity. (Electrical appliances, multi-outlets, cord extension cables, etc.)

- If there is a risk of lightning, do not use the V2L function outside the vehicle.
- Do not connect multiple portable multi-outlets.
- When using an extension cable, if the cable is twisted or overlapped by itself may cause a fire. Be sure to use the cable without twisting it.

Vehicle Loading

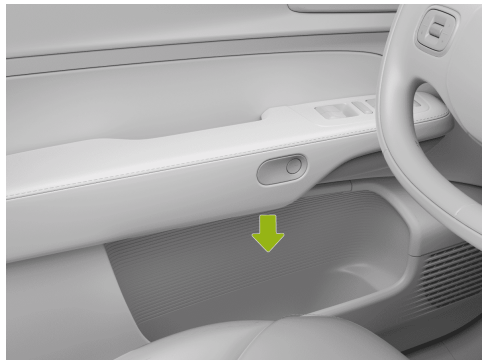
Introduction

Central armrest box



The dashboard is equipped with a central armrest box, which can be opened for use by pressing the switch.

Door storage box



The doors are equipped with storage boxes on the lower part for holding drinks or other items.

Map pocket



The front seats are equipped with the map pockets on the lower part for storing tickets, magazines and other items.



Card holder



The sun visor is equipped with a card holder for holding business cards and other cards.

Towing Mode*

Description*(if applicable)

Your vehicle is equipped with the towing caravan function, and the towing mode can be enabled on the CID. The driver shall possess appropriate qualifications and licenses to tow a caravan.

Before you decide to tow a caravan, you should first check the relevant local regulations on motor vehicles. As the regulations in different regions are different, you need to select a caravan of the appropriate size and consult your local service provider before towing.

caution

- When towing a caravan, please comply with the relevant local laws and regulations, and never modify the vehicle at will.
- Please do not tow the caravan during the running in period of the new car.
- Please restore the towing device when not towing a caravan.

- It is not permitted to tow a caravan equipped with electric service brake.

Instrument panel indicators



The trailer wiring harness is normal, and the suspension/ESP/towing hook is normal.



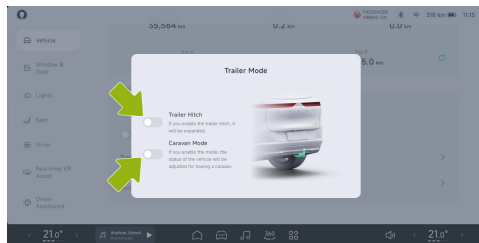
If the trailer wiring harness is normal, the suspension/ESP/towing hook may have a fault, and the towing mode fails.



The towing mode cannot be used due to a trailer wiring harness fault, trailer signal light fault or suspension/ESP/towing hook fault.

Function on/off*(if applicable)

On



The trailer hitch and caravan mode can be activated/deactivated on the “ → **Vehicle → Trailer Mode**” interface of CID when the vehicle is engaged in P gear.



caution

- A second confirmation is required and the vehicle must be engaged in P gear when using the towing hook and entering towing mode.



- The CID switch will be invalid during the operation of the towing hook and will be valid when the towing hook is fully extended or retracted.
- When using the towing hook, none of the driving assist functions except AEB and FCW can be activated. When the towing hook is completely retracted, the related driving assist functions return to the state before the towing hook is used.

The towing mode cannot be activated when:

- The vehicle is not engaged in P gear.
- The towing hook is not extended.
- The suspension and ESP functions are abnormal.
- The suspension is in service mode or suspension leveling mode.
- The sensor is in locking mode during aftermarket calibration.
- The lift mode or marine mode is turned on.

caution

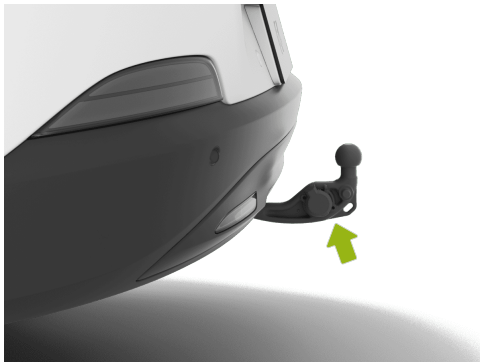
When towing a vehicle, the towing mode must be turned on, otherwise the vehicle will be damaged.

Off

After the caravan is disconnected from the towing hook and the electrical connector is disconnected, tap Towing Hook ON/OFF on the CID to exit the towing mode and retract the hook simultaneously.



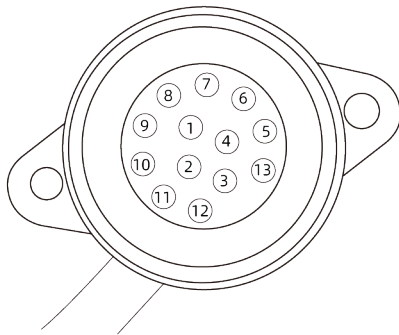
Electrical Connector*(if applicable)



The electrical connector is installed on the towing hook. After the towing hook switch on the CID is turned on, the connector will be extended out together with the towing hook. It can be used after the protective cover is opened.

caution

Please do not use a high pressure washer to clean the electrical connector not connected to the caravan interface directly, owing that water ingress may result in damage of the connector.



The electric connector equipped for this vehicle is a 13-core coil, and the standard applicable to



the power outlet is ISO 11446:2004. The specific pin functions are as follows:

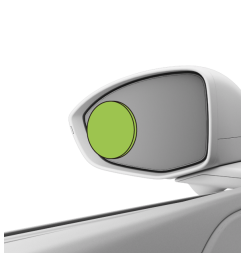
Pin No.	Color	Function
1	Yellow line	Left turn signal light
2	Blue line	Rear fog light or reversing light
3	White line	1-8-pin bus ground wire
4	Green line	Right turn signal light
5	Brown line	Right running light
6	Red line	Brake light
7	Black line	Left driving light (integrated with 5)
8	Pink line	Reversing light

9	Orange line	To battery
10	Grey line	Battery or refrigerator
11	Black and white line	10-pin grounding line
12	Blue and white line	Spare wire
13	Red and white line	9-pin grounding line

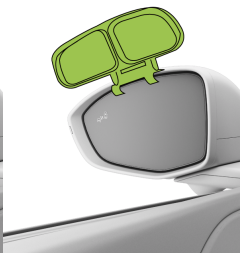
Rearview Mirrors and Brackets

The exterior rearview mirrors of the towing vehicle shall meet the legal requirements. If not, please install suitable mirrors for the towing vehicle.

Type I



Type II



Type I

Pasted on the surface of exterior rearview mirror;

Type II

Held by a bracket that is mounted on the frame.

Technical Parameters

The vehicle's towing capacity depends on its specifications, load, road conditions, and trailer characteristics. To ensure safe driving, please

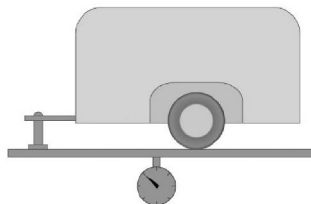
avoid speeding or overloading. Refer to the table below for detailed parameters.

Item	Data
Maximum allowable towing mass (with brake) [kg]	1500
Maximum allowable towing mass (without brake) [kg]	750
Maximum tongue load [kg]	75
Maximum overall dimensions (length × width × height) of passenger car-train combination [mm]	14500*2550*4000



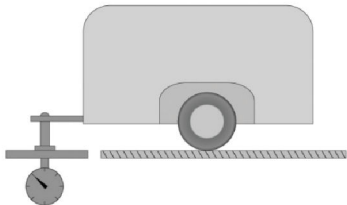
Size limits (length × width × height) of center-axle trailers allowed for towing [mm]	12000*2550*4000
Maximum size limit of trailer rear overhang [mm]	3500
Electrical connection connector	13-core "standard" interface in compliance with ISO11446:2004 standard
Tow ball hitch	Complies with ECE R55 A CLASS tow ball size requirements

Maximum permissible towing mass



The towing mass denotes the combined weight of the trailer and its cargo.

Maximum tongue load



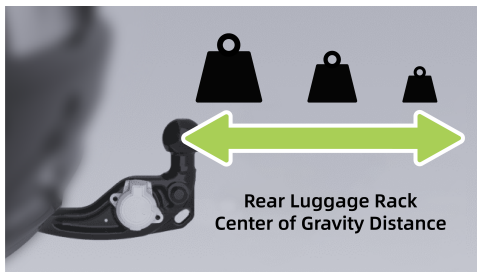
The maximum tongue load represents the highest vertical load allowable at the trailer-hitch connection point.

Trailer taillight power limitation

The power of the trailer's rear lights shall not exceed the specified values below:

- Left/right position lamps: 24W.
- Left/right turn signal lamps: 24W.
- Rear fog light: 42W.
- Reversing light: 42W.
- Brake light: 42W.

Rear Luggage Load Capacity



1. If the center of gravity is less than 30 cm from the center of the tow ball, the total weight of the luggage and carrier must not exceed 75 kg.



2. If the center of gravity is less than 60 cm from the center of the tow ball, the total weight of the luggage and carrier must not exceed 35 kg.
3. If the center of gravity is 60 cm - 70 cm from the center of the tow ball, the total weight of the luggage and carrier must not exceed 10 kg.
4. If the center of gravity is greater than 70 cm from the center of the tow ball, the use of a tow bar for luggage and carriers is strictly prohibited.

Precautions for Driving

Start driving

Please ensure the tire pressure, lights and connection devices of the towing vehicle and trailer are normal prior to driving. After the trailer is connected, turn on **"Towing Mode"** on the CID.

Please load the trailer cargo securely and ensure that the cargo is properly fastened. The trailer

shall be kept level, otherwise do not drive the vehicle.

Start the vehicle steadily and avoid sudden acceleration and emergency braking, especially when driving on wet and slippery roads, as it may cause the vehicle to skid and lose control.

Crosswinds and rough roads may cause the vehicle to swing, seriously affecting the handling of the vehicle. If you notice slight signs of the vehicle swinging in any case, be sure to hold the steering wheel with both hands and slow down immediately. Do not attempt to eliminate swinging by increasing the speed.

Try to avoid towing a loaded trailer while the towing vehicle is empty. If not possible, drive slowly due to unreasonable load distribution.

Braking

Towing a trailer will increase the braking distance of the vehicle. Therefore, the distance from the vehicle ahead should be increased.



Overtaking

With a trailer towed, the length of the vehicle body plus the trailer will become longer. Therefore, it needs a longer distance for overtaking before the vehicle returns to the original lane.

Reversing

Reversing with a trailer is different from regular reversing and can be more challenging. Therefore, you should be especially cautious and practice it more.

Hold the bottom of the steering wheel by one hand when reversing. To steer the trailer to the left, turn the steering wheel to the left; To steer it to the right, turn the steering wheel to the right. Always reverse at a low speed and ask for help from others if possible.

Turning

When towing a trailer, make sure to turn smoothly, try to avoid bumping or sudden operation, and switch on the turn signal light

earlier. The turning radius must be wider than when no trailer is being towed. This will prevent the trailer from hitting road shoulders, road signs, trees or other objects.

Driving on slopes

Slow down earlier before towing a vehicle to a steep or long slope. The driving speed is determined by the trailer weight and the steepness of the slopes.

Try to avoid parking on a slope. If unavoidable, the wedge blocks should be set up under the tires of the towing vehicle and the trailer, and the parking brake should be applied.

Roof Rack*

Roof Rack Introduction*(If applicable)

The vehicle features mounting holes for an optional roof rack. When using a roof rack, please follow the instructions and safety warnings provided in this section, as well as the user manual for the roof rack itself.



Ensure the roof rack is securely installed.

To properly load different types of cargo, such as skis, bicycles, etc., use the appropriate accessories. Verify that the attachments are correctly and securely installed according to the instructions. Do not place cargo directly onto the roof sheet metal. As it could damage the panel.

The total weight of the roof rack and cargo must not exceed the rated load of the roof (75kg). In addition, the total weight of the fully loaded vehicle, including the driver, passengers, cargo, and roof load, must not exceed the maximum vehicle weight listed in the "Vehicle Specifications" section.

The roof rack allows for luggage to be loaded to a height not exceeding 40 centimeters. If the luggage height exceeds 40 centimeters, the vehicle's speed should be adapted to the contours of the road to avoid damaging the roof rack.

When loading cargo onto the rack, place the heaviest items at the bottom and distribute the cargo as evenly as possible.

Do not carry oversized items that might hang over the bumper or the sides of the vehicle, obstructing the view.

Secure the front and back ends of long items (such as planks and surfboards) to the front and back of the vehicle, protecting the vehicle's paint from being scratched by the pulling ropes.

Regularly inspect the roof rack to ensure it is securely installed and undamaged.

For vehicles equipped with roof rack mounting holes, ensure to cover these holes with caps when in use.



Power on/off

Introduction

Vehicle power-on

When the vehicle is unlocked and any door (excluding the tailgate) is opened, the vehicle will be automatically powered on.

When the vehicle is powered off, if the I-key or cellphone App Bluetooth key is placed inside the vehicle and the brake pedal is pressed, the vehicle will be automatically powered on.

Vehicle power-off

Normal power-off

With the vehicle powered on or in the “READY” state, if the driver seat is not occupied and all doors (including the front hood and trunk lid) are closed, the vehicle will be powered off once the any of the following operations is performed:

- Locking the vehicle via the I-key.
- Locking the vehicle via the cellphone App.

Emergency power-off

For specific operations, refer to [See 342 page](#).

Automatic power-off

When the driver seat is unoccupied, the vehicle is parked and all the doors, front hood and trunk lid are closed, the vehicle will be powered off automatically after 1-hour countdown without any operation.

In the last 10min of countdown for automatic power-off, a pop-up window will be displayed on the CID. You can tap to cancel and restart the 1-hour countdown.



Automatic Anti-glare of Interior Rearview Mirror

Introduction



1. Front light sensor
2. Rear light sensor

This vehicle is equipped with automatic anti-glare interior rearview mirror. The light sensor on

the mirror body can detect the intensity of light coming from the rear and front of the vehicle. According to the measured data, the interior rearview mirror will automatically adjust the anti-glare state.

Tips

Do not cover the light sensor on the interior rearview mirror, and clean the surface of the light sensor timely.

Adjustment of Exterior Rearview Mirror

Introduction

The exterior rearview mirror can be adjusted in the following ways:

- Adjusting the lens angle by steering wheel buttons.

The exterior rearview mirror adjustment can be waken up in the following ways:

- Xiao P voice assistant
- CID quick panel [See 30 page](#)
- CID bottom status bar (if set) [See 29 page](#)
- Tap “→**Drive**→**Side Mirrors**” in sequence on CID.
- Lens position memory
- Auto flipping-down while reversing
- Auto folding/unfolding of exterior rearview mirror
- Manual folding/unfolding of exterior rearview mirror

Operation

Adjusting the lens angle by steering wheel buttons



After the exterior rearview mirror adjustment is woke up, the exterior rearview mirror lens angle [See 265 page](#) can be adjusted through the rollers on both sides and the left and right buttons of the steering wheel.



caution

When the exterior rearview mirror is adjusted to the limit position, its lens will move up and down to give a prompt, which is normal. If you continue to adjust the exterior rearview mirror in this direction, it may be damaged.

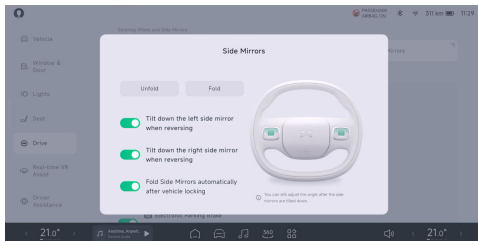
warning

- Do not adjust the exterior rearview mirrors while driving to prevent accidents.
- Do not press the rearview mirror lens manually to adjust its tilt angle.
- Do not modify the exterior rearview mirrors at will.

Lens position memory

After adjusting the exterior rearview mirror lens angle, it will be automatically saved to the current driving habits.

Auto flipping-down while reversing



After the exterior rearview mirror adjustment is woke up, the **“Tilt down the left/right side mirror when reversing”** can be turned on. When the vehicle is shifted into R gear, the corresponding side (with Auto-Tilt function activated) exterior rearview mirror lens will automatically tilt down to a certain angle to assist reversing.

Auto folding/unfolding of exterior rearview mirror

After Fold Side Mirrors automatically after vehicle locking is enabled:



- Unfold: When the vehicle is unlocked, the exterior rearview mirrors will automatically unfold.
- Fold: When the vehicle is locked, the exterior rearview mirrors will automatically fold.

Manual folding/unfolding of exterior rearview mirror

After waking up the exterior rearview mirror adjustment, tap the “**Unfold**”/ “**Fold**” button to manually unfold or fold the exterior rearview mirrors.

Resetting of exterior rearview mirror



1. Forward folding state
2. Standard state
3. Rearward folding state

The exterior rearview mirrors may be in a forward or rearward folding position due to accidental impact or manual pushing, but they can be restored to normal positions as follows.



1. Tap “**Unfold**” and wait for the exterior rearview mirrors to complete the adjustment.
2. Manually push the exterior rearview mirrors to the normal position.

Tips

Before manual reset, check whether there are foreign objects such as ice and snow on the folding surface, and reset only after removing the foreign objects, otherwise it is easy to damage the folding mechanism of the exterior rearview mirror.

warning

When unfolding or folding the exterior rearview mirror, be sure that your fingers are not caught between the exterior rearview mirror and the exterior rearview mirror base.

Adjustment of Steering Wheel

Introduction

Adjustment of steering wheel position



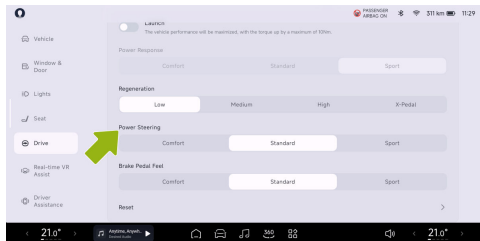
1. Press the steering wheel handle downward to unlock the steering wheel.
2. Move the steering wheel up/down and in/out to the proper position.

Driving Operation



3. Pull the steering wheel handle upward to lock the steering wheel.

Steering assist



“**Comfort**、**Standard** or **Sport**” can be selected in “**Power Steering**” on the “**Drive**” interface of CID.

- **Comfort**: Light steering effort, recommended for comfort driving mode.
- **Standard**: Moderate steering effort, recommended for standard driving mode.
- **Sport**: Heavy steering effort, recommended for sport driving mode.

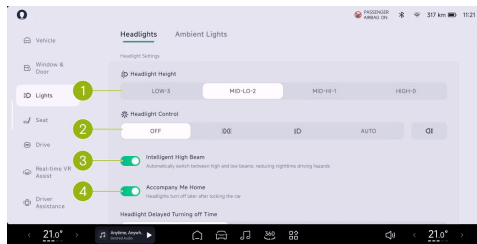
warning

- It is prohibited to adjust the steering wheel or set the PAS mode while driving.
- Improper adjustment of the steering wheel position may cause personal injury. The steering wheel should be at least 25 cm away from the chest of the driver .

Adjustment of Exterior Lights

Introduction

Control via CID





1. Headlight Height :

- The headlight height suitable for vehicle driving and load adjustment can be set according to the condition.

2. Headlight Control:

- OFF: tap to turn off all exterior lights.
- : tap the turn on/off the clearance lamps and license plate lamps.
- : tap the turn on/off the low beams.
- AUTO: automatically turns on/off the low beams according to the ambient brightness of the vehicle's surroundings.
- : tap the turn on/off the rear fog lamps, as well as the low beams if they are not on

3. Intelligent High Beam: tap the turn on/off the intelligent high beams.

4. Accompany Me Home:

- Once enabled, the function of accompany me home is activated when ambient brightness of the vehicle's surroundings

is low. The headlights can be set to be turned off with a delay of **"15 Seconds"**, **"30 Seconds"**, **"60 Seconds"**.

Headlight leveling

The headlight height suitable for vehicle driving and load adjustment can be set according to the condition as shown below.

Condition	Headlight height
Driver only	HIGH-O
Driver and one front passenger only	
Total five occupants in front and rear seats	MID-HI-1

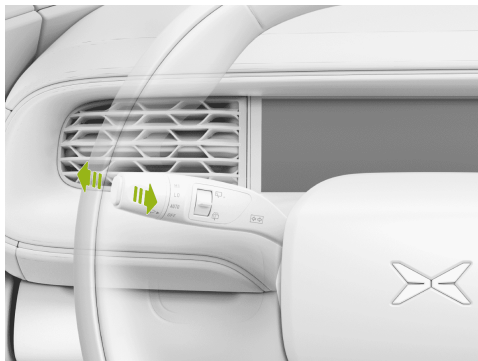
Total five occupants in front and rear seats, with luggage in the trunk (within the maximum permissible axle load and maximum permissible vehicle weight limit)	MID-LO-2
Driver only with luggage in the trunk (within the maximum permissible axle load and maximum permissible vehicle weight limit)	LOW-3

Turning on/off daytime running lights

On: When the vehicle is in READY state, the gear is in non-P position, and the low beams and turn signal lights are off, the daytime running lights will go on.

Off: When the vehicle is powered off or not in READY state, the gear is in P position, and the low beams and turn signal lights are on, the daytime running lights will go off.

Turning on/off high beams



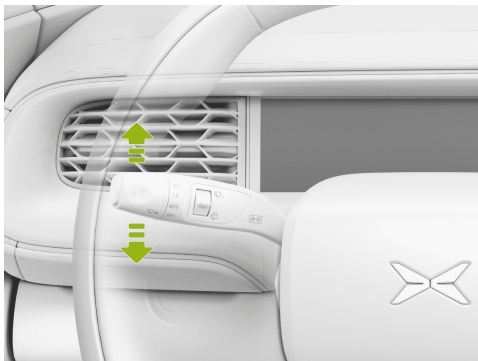
- When the low beams are on, move the combination switch forward once to turn on the high beams, move the combination switch forward again to turn off the high beams.
- Move the combination switch backward continuously and release it, the high beams will flash to remind the vehicle ahead.



caution

The drivers of oncoming vehicles will be dazzled by high beam, so please use it reasonably.

Turning on/off the turn signal lights



When the turn signal lights are turned on, the corresponding indicator on the ICM flashes with “tick” sound.

- Move the combination switch downward to the limit to turn on the left turn signal light and the  indicator on the instrument panel flashes.
- Move the combination switch upward to the limit to turn on the right turn signal light and the  indicator on the instrument panel flashes.
- Move the combination switch to the left/right lane change switch position or center the steering wheel to turn off the turn signal lights.

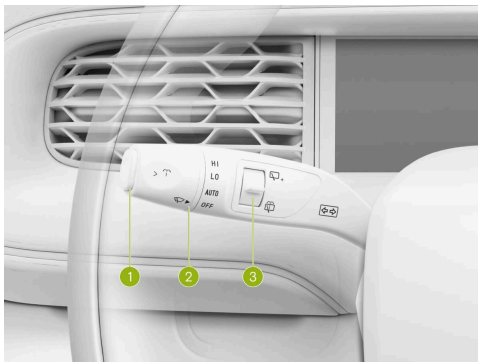
Turn signal light flashing

To indicate a lane change, move the combination switch upward or downward to the resistance point and release it, the combination switch will immediately return to its original position and the corresponding side turn signal light will flash 3 times.



Wiper Operation

Introduction



1. Washer switch

- Press and release: Wipe once.
- Press and hold: The front washer sprays water and the front wiper wipes.

2. Front wiper switch

- OFF: Stop wiping.
- AUTO: Wipe according to the rainfall.

Tips

The automatic wiper sensitivity can be set on the “→**Window & Door**” interface of CID.

- LO: Low-speed wiping.
- HI: High-speed wiping.

3. Rear wiper switch

- Move up: The rear wiper wipes/the rear wiper stops wiping.
- Move down and release: The rear wiper wipes once.
- Move down and hold: The rear washer sprays water and the rear wiper wipes.

caution

When using the rear wiper, the rear wiper will continue to wipe 3 times after releasing the switch and continue to wipe once after 10s.



Shift Operation

Introduction

Depress the brake pedal, move the shift lever up or down, and the corresponding gear indicator will be illuminated, indicating a successful gear shift.



R: Reverse gear

Depress the brake pedal when the vehicle is stationary and push the shift lever up by 2 gears. Then R on the gear display area of the instrument panel will be highlighted to indicate that the vehicle is shifted into R gear.

N: Neutral gear

The vehicle can be shifted into N gear with the following operations, and the N on the gear display area of the instrument panel will be highlighted:

- When the vehicle is at D gear, push the shift lever up by one gear for 1s.
- When the vehicle is at R gear, push the shift lever down by one gear for 1s.
- When the vehicle is at P gear, depress the brake pedal and push the shift lever up or down by one gear for 1s.



D: Drive gear

Depress the brake pedal when the vehicle is stationary and push the shift lever down by 2 gears. Then D on the gear display area of the instrument panel will be highlighted to indicate that the vehicle is shifted into D gear.

P: Park gear

Depress the brake pedal when the vehicle is stationary and press the P button on the shift lever. Then P on the gear display area of the instrument panel will be highlighted to indicate that the vehicle is shifted into P gear.

Tips

With D or R gear engaged, the vehicle will automatically shift to P gear when the vehicle speed is below 3km/h, the seat belt is unfastened, the brake pedal or accelerator pedal is not depressed, and the driver side door is opened.

caution

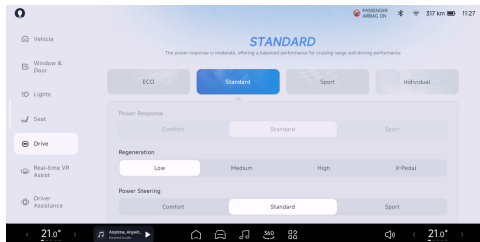
- The gear can be shifted after certain conditions are met. If not, when you shift a gear, the instrument panel will display the text messages such as **“The charging plug is connected. Fail to shift gear”**, **“Please depress the brake pedal before gear shifting”**, **“Please slow down before gear shifting”**. Follow the instructions to ensure that the conditions are met.
- Before leaving the vehicle or parking on the slope, please make sure that the vehicle is engaged into P gear to prevent the vehicle from accidental movement.
- If you are unable to shift gears normally, you should contact XPENG Service Center for maintenance in time.



Driving Mode

Introduction

The drive mode can be selected according to personal preference on the “→**Drive**” interface of CID.



- ECO : Slow power response extends the range.
- Standard : Medium power response leads to a good balance of range and driving performance.

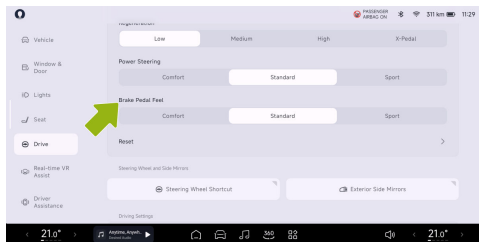
- Sport : Rapid power response brings superior driving experience.
 - Launch control: Faster power response fully utilizes the vehicle performance and brings the push-back feeling.
- Individual: custom drive mode

Tips

- The “**Launch**” switch is only displayed in “**Sport**” mode.
- Launch mode is only enabled during the current ignition cycle and will be disabled when it is turned off manually or the vehicle is powered on again.

Adjustment of Brake Pedal Feedback

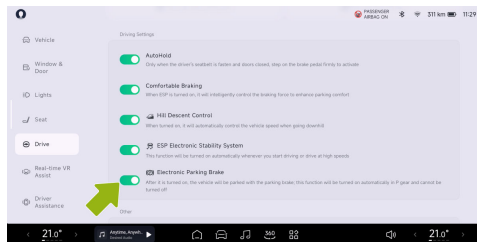
Introduction



The brake pedal feel can be adjusted according to personal preference on the “→Drive” interface of CID.

Electronic Parking Brake (EPB)

Introduction



The electronic parking brake can be activated/deactivated on the “→Drive” interface of CID.

- On: Turn on the “**Electronic Parking Brake**” button or press the P button when the vehicle is stationary. At this time, the  indicator on the instrument panel is illuminated, indicating that the EPB has been enabled.
- Off: Depress the brake pedal, turn off the “**Electronic Parking Brake**” button or switch to



the drive gear (D or R) when the vehicle is stationary. At this time, the  indicator on the instrument panel is go out, indicating that the EPB has been disabled. When the vehicle is at P gear, it is unable to disable EPB by turning off “**Electronic Parking Brake**” button.

Tips

- When the EPB is turned on or off, the system will emit a running noise, which is normal.
- With EPB on, if the vehicle cannot be powered on due to battery depletion, EPB can be turned off by jump starting or by contacting the XPENG Service Center.
- Under special circumstances, EPB can be turned on by pressing and holding the P gear button.

caution

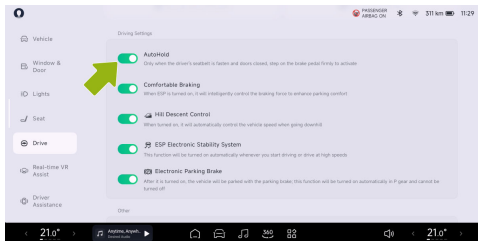
- If the EPB can not be activated or deactivated, contact XPENG Service Center for maintenance in time.

- Do not drive the vehicle without turning off the EPB, otherwise, the EPB can be damaged.

AutoHold

Introduction

If you need to stop for a while, turn on AutoHold and release the brake pedal, the system will automatically apply the brake and keep the vehicle stationary.





The AutoHold can be enabled/disabled on the “ → Drive” interface of CID.

Function activation

- Activation: Depress the brake pedal hardly after the vehicle stops. When the indicator on the instrument panel is illuminated, it indicates that AutoHold has been enabled. At this time, release the brake pedal.
- Deactivation: Depress the accelerator pedal to exit the AutoHold.

Tips

- AutoHold can only be activated when the driver side door is closed, the seat belt is fastened, and the gear is in D, R or N position.
- With AutoHold on, opening the driver side door or unbuckling the seat belt will automatically switch to EPB.
- AutoHold will switch to EPB after it has worked for a certain period of time.

warning

AutoHold can not go beyond the law of kinematics, so please turn on AutoHold according to the road conditions.

4WD System*

Introduction

The driving system of this vehicle is a part-time 4WD, which does not require manual operation. The system can intelligently switch between 2WD and 4WD modes based on the vehicle operating conditions.

- When driving on a good condition road, the vehicle will give priority to the 2WD mode to ensure the comfort and economy of the vehicle driving. When the driver has a large power demand, switch to the 4WD mode.
- When the vehicle is driving on slippery roads, muddy roads, icy and snowy roads, sandy roads and complex outdoor roads, as well as in situations such as medium-to-high speed



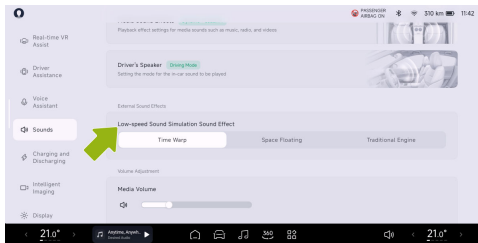
acceleration and large dynamic turns, the part-time 4WD system can intervene in time, and through intelligent torque distribution, it can ensure the traction of the four wheels and achieve the best passability and safety, so that the stability and comfort of the vehicle is guaranteed.

Acoustic Vehicle Alerting System (AVAS)

Introduction

When the vehicle is driving at a speed of less than $< 30\text{km/h}$, the vehicle will make an analog sound to alert the pedestrians and vehicles around.

Operation



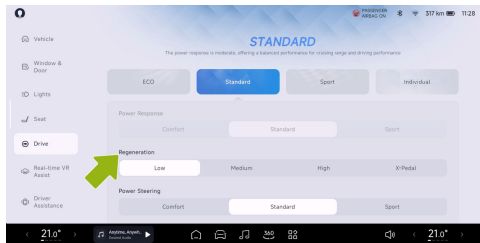
The Low-speed Sound Simulation Sound Effect can be set in the “ → **Sounds**” interface of CID.

Energy Recovery

Introduction

When the vehicle is coasting or braking, the energy recovery function can convert part of the vehicle's kinetic energy into electric energy to charge the traction battery and extend the range.

Operation



Tap “→Drive” on the CID to set the energy recovery level.

Factors affecting energy recovery

The electric quantity supplied through energy recovery to the traction battery is determined by the following factors:

1. Current state of the traction battery.
 - SOC of the traction battery.
 - Temperature of the traction battery.

2. Selected energy recovery level.

Caution and Limitation

Tips

- Different energy recovery levels result in various driving experiences.
- If regenerative braking significantly reduces the vehicle speed (e.g. when driving on a steep hill), the brake lights will go on to alert the driver of the vehicles behind that you are slowing down.

Warning

- The regenerative braking is not sufficient for safe driving, and the driver should apply the brakes in a timely manner according to the actual situation.
- X-Pedal (one-pedal mode) can reduce the use of the brake pedal when it is turned on, further recovering kinetic energy and improving range, but it cannot completely replace the brake pedal. To prevent slipping



on slopes, it is necessary to depress the brake pedal to stop the vehicle when it is about to stopping, and depress the brake pedal hardly to activate AutoHold if necessary.

Braking Operation

Introduction

Wading

After wading through water, slowly depress the brake pedal to dry the water and restore braking performance. Try not to brake suddenly except in emergencies.

Aggressive driving

Under high-speed, continuous and emergency braking conditions, the temperature of the brake disc will rise rapidly and the braking performance will degrade. For safe braking, when the brake pads are severely worn and the temperature is very high, the integrated power brake (IPB) will be degraded, multiple MILs will be illuminated on

the instrument panel, a “tick” sound will be heard from the front compartment and the pedal will kick back after brake application. In this case, reduce the vehicle speed and brake applications, and then perform a recovery operation after the brake disc and brake pad have cooled down.

The recovery steps are as follows:

1. Power off and lock the vehicle and wait for at least 5min. During this period, the driver seat shall not be occupied, and no operations shall be performed on the vehicle (such as depressing the brake pedal, opening doors), to allow the vehicle to enter in sleep mode completely;
2. Unlock and power on the vehicle, and wait at least 15s before opening the door and getting in;
3. Depress the brake pedal to the floor (lean against the seat backrest to depress the pedal as hard as you can) for at least 20s.



caution

G6 braking system is not designed for the race. If you want to drive intensely or improve lap times on the track, you should replace the high-temperature resistant brake pads and cool the brake discs properly.



Opening and Closing of Charging Port Cover

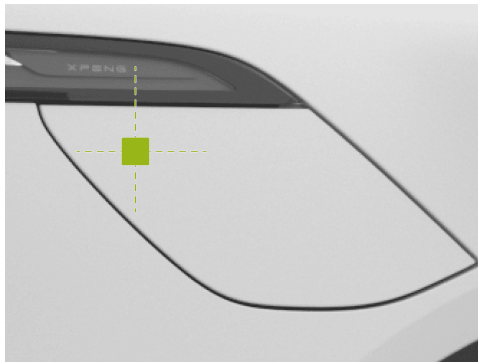
Introduction

The charging port cover can be closed in the following ways:

- Xiao P voice assistant
- Charging port cover switch
- Cellphone App
- I-key [See 197 page](#)
- CID
 - 3D vehicle control [See 85 page](#)
 - Quick panel [See 30 page](#)
 - Bottom status bar (if set) [See 29 page](#)
 - “🚗 → **Window & Door**” interface
- Automatic closing

Operation

Charging port cover switch



When the vehicle is unlocked or the cellphone App Bluetooth key (Walk-in Unlocking) is carried, press the upper left area of the charging port cover to open the charging port cover.

Charging Guidelines



caution

When washing the vehicle, avoid using a high pressure washer to spray water on the charging port cover opening/closing area, as this may cause the charging port cover to open.



Press the switch to close the charging port cover.

Tips

After charging, place the dust cover back into the charging port to prevent foreign objects from entering.

Automatic closing of charging port cover

The charging port cover will close automatically if any of the following conditions is met:

- The vehicle is locked after the charging plug is removed.
- There is no operation after the charging plug is removed.
- When the vehicle is engaged in a non P gear.

Charging Operation

Introduction

Charge the vehicle by a charging pile that meets the relevant standards.



Charging Guidelines

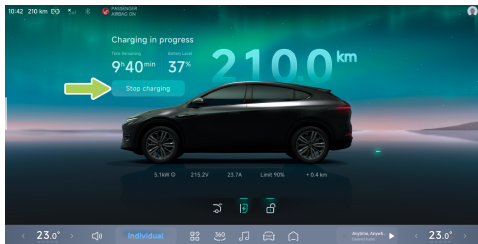
Operation

Charging work procedure

1. Park the vehicle and shift the vehicle into Park (P).
2. Open the charging port cover
3. Remove the charge port dust cover.



4. Remove the charger gun protective cap and insert the charger gun straight into place, keeping the charging harness loose and hanging naturally.
5. After following the instructions of the charging pile (swipe card or code), start charging.



6. If you need to temporarily end the charging process. Click the **"End Charging"** button on the CID. End the charging and confirm at the charging screen that the charging has ended.



hazard

Removing the charge gun directly while the vehicle is charging may cause personal injury. After the vehicle has finished charging and the CID exits the 'charging/heating up' status display, Only use the emergency unlock pull ring to unlock the charge gun.

7. When charging is complete, remove the charge gun.
8. Close the charging port dust cover and close the charging port cover.
9. Put the charge gun back into the home position of the charge post.

warning

- The vehicle may affect medical or implantable electronic devices when charging and discharging, consult the electronic device manufacturer before charging and discharging.

- If a fault occurs during charging, the charging screen will pop up a fault indication, do not try charging again, contact the XPENG Automobile Service Centre immediately.

caution

- If the gun fails to pull out, the gun can be unlocked using either the CID emergency unlock switch or the boot emergency unlock pull ring.
- Charging or stopping must be done in strict accordance with the operating procedures of the charging pile. Do not plug or unplug the charge gun during charging.

Tips

- The system heats the power battery and automatically enters charging when the specified state is reached.
- When charging a cold ambient gun, there may be situations where the charging efficiency is reduced or the charging is



not possible. When the power battery is discharged and charged in a cold environment, the system heats the power battery to the appropriate temperature when the charge gun is connected before charging the power battery.

- It is recommended to use the navigation to describe the keep-warm function before fast charging work in cold environments is required.
- The charging time may vary depending on factors such as outside temperature, battery life or charging current.

Warning, Caution and Limitation

- When removing the charging plug from the charging pile, please hold the charging plug firmly with both hands to prevent the twisted charging cable from bouncing back and resulting in hitting injury.
- Before charging, please check whether the charging port, charging plug, charging socket and other equipments are dry. Do not

perform the charging operation when charging equipments or hands are wet.

- Straighten the charging cable without twist for charging.
- Do not charge the vehicle when the charging equipment is corroded or damaged, such as charging plug metal terminal deformation, skew, socket plastic deformation, breakage and other abnormalities.
- In case of an emergency during charging, press the emergency stop button on the charging device to stop charging.
- It is recommended to stop charging the vehicle in thunderstorms, because lightning may cause damage to the charging device.
- Please select a shady or covered charging pile for charging to prevent rain and snow splashing at the time of connecting and disconnecting the charging plug.
- Unlock the vehicle before inserting/removing the charging plug. Always insert/remove the



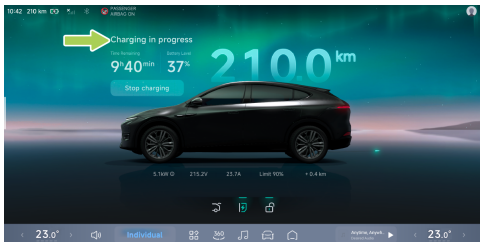
- charging plug upright without any skewing or shaking.
- During charging, if strong pungent odor emits from the charging port, stop charging immediately.
- Never allow minors to touch or use the charging device.
- If there are foreign objects such as dust or large hard particles in the metal port of the charging stand, charging plug or charging socket, clean it after powering off the vehicle before charging.
- If you have implanted electronic medical equipment such as cardiac pacemaker, cardiovascular defibrillator, in vivo PCEA, insulin pump or hearing-aid, please do not stay in the vehicle while charging, otherwise the function of the electronic medical equipment may be affected, resulting in personal injury or death.
- Do not disassemble or modify the charging port or charging cable.
- Close the charging port cover in time at the end of charging to prevent the ingress of rain, snow or other foreign objects.
- Considering the differences in understanding of the charging standards by charging pile manufacturers of various brands and the maintenance disadvantages of different charging pile products, there is a possibility that certain charging pile may not be used for charging. In this condition, please try to re-connect the charging plug or change to another charging pile for charging.



Charging Guidelines

Emergency unlocking of charging gun

Operation

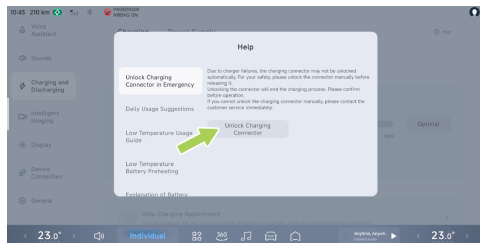


When the vehicle is charging, the message 'Charging/Heating Up' is displayed on the CID, do not pull the gun at this time, as personal injury may result. To end charging early, You must first click on **"End Charging"** in the CID. The charge gun cannot be removed until the switch is switched on and the central control screen exits the "Charging/Heating" status display.

In the event of a sudden condition (e.g. a faulty charging pile, a faulty electronic lock),

which prevents the AC charge gun from being pulled out, the emergency unlock switch or the emergency unlock tab of the boot can be used. Remove the charge gun after unlocking the charge gun lock.

CID emergency unlock switch



On CID , find the “ → **Unlock ChargingConnector in Emergency→help**”interface, Tap **“unlock charging connector”**to manually unlock the charge gun and pull it. If charging is in progress, unlocking the charge gun will end charging early, please confirm and proceed.



Tips

When the charging flap is closed, the 'Unlock Charging Gun' button does not appear on the central control screen.

Trunk emergency unlock pull ring

If the charger gun still fails to pull out after several attempts at the emergency unlock key of the central control screen, pull the charger gun out by plugging it into place as follows:



1. Open the rear trunk and use a suitable tool to open the rear trunk service cover.
2. Locate the emergency unlock ring of the charging port, pull the ring, unlock and pull out the gun.



caution

- After the vehicle has finished charging and the CID exits the 'charging/heating

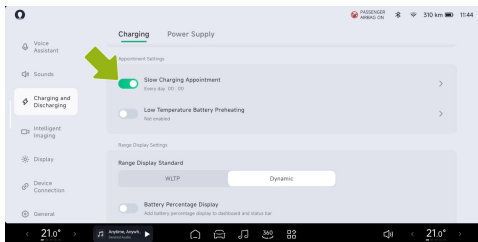


up' status display. Only use the emergency unlock pull ring to unlock the charge gun.

- The emergency unlocking of the ring by the charging port is suitable for use in emergency situations and frequent use may damage the emergency unlocking ring or the charging device.
- If you cannot unlock the charge gun using the emergency unlock ring of the charging port, please contact the XPENG Service Center in a timely manner.

Slow Charging Schedule

Introduction



You can set the charging start time on the “ → **Charging and Discharging** → **Charging**” interface of CID to allow the vehicle to start charging at the specified time, and stop charging automatically when it is fully charged (or reaches the limit value).

Tips

Please make sure that the charging pile schedule function has been deactivated on

Charging Guidelines



the cellphone App before turning on the slow charging schedule function, otherwise, this function will not be activated.

caution

To use the slow charging schedule function, connect the charging plug and lock it to prevent the charging plug from being removed.

Charging SOC Limit

Introduction



You can set the charging limit value on the “ → **Charging and Discharging** → **Charging**” interface of CID, so that charging will be stopped automatically when the set limit value is reached.

Tips

- If battery health protection is turned on, the charging SOC limit will return to the default value after the vehicle is powered on again. The charging SOC limit is 90% for models equipped with ternary lithium batteries, and is 100% for models equipped with lithium iron phosphate batteries.
- It is recommended to use the default limit value, which can effectively protect the health of the traction battery.



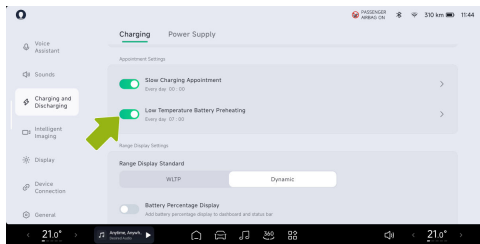
Battery Preheating at Low Temperature

Introduction

When the vehicle is connected to the slow charging pile in working state, you can use the low-temperature battery preheating function to heat up the traction battery and improve the range in cold conditions.

Tips

It is recommended to start preheating one hour before departure.



The preheating time can be set on the “ → **Charging and Discharging** → **Charging**” interface of CID, and the preheating can be directly enabled on the cellphone APP.

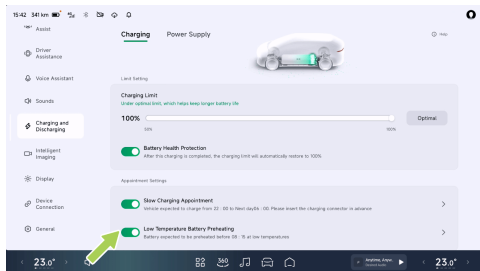
Tips

- When charging at low ambient temperature, the system will heat the traction battery first, and then charge normally after the temperature of the traction battery is normal. Therefore, the charging time will be slightly longer than normal.
- When the vehicle indicates abnormal charging, try to repeat the charging steps, restart the vehicle, and change to another charging pile. Do not repeatedly connect and disconnect the charging plug or operate the charging pile interface. If you still can not charge normally, please contact XPENG Service Center for maintenance in time.
- It is recommended not to turn on the A/C system during charging.



Operation

CID setup screen



On the CID “→Charging and Discharging→Charging” interface. You can set the preheating completion time.

caution

- If the opening fails, check that the opening conditions for the function are met. Please contact the Xpeng Automobile Service Center in case of abnormal conditions.

- When preheating with a low-temperature battery, lock the vehicle after inserting the charger gun to prevent it from being pulled out by others.

Tips

- When the ambient temperature is low, the system gives priority to heating the power battery, after the power battery temperature is normal, then normal charging. The charging time will therefore be slightly longer than normal.
- It is recommended to use the vehicle as soon as possible after the power battery preheating is complete, prolonged parking will reduce the heating effect.
- If you are using slow charge scheduled charging at the same time, make sure that you set the preheating time later than the scheduled charge time.
- If the power battery temperature is high, the low temperature battery preheating function will not be activated.



Charging Guidelines

- Preheating of the low temperature battery will slightly increase the charge pile consumption and use it as needed.

Warning, Caution and Limitation

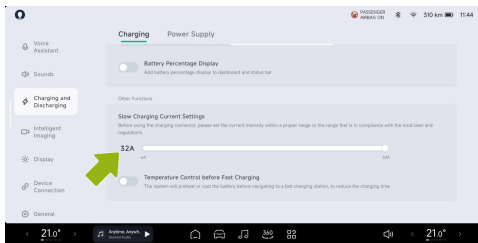
caution

- To activate the battery preheating at low temperature, connect the charging plug and lock the car to prevent the charging plug from being removed.
- It is recommended to use the vehicle as soon as possible after the traction battery is warmed up. Long time parking will reduce the heating effect.
- If the traction battery temperature is high, the low temperature battery preheating will not be activated.
- If slow charging schedule function are activated at the same time, please ensure that the preheating time is set later than the scheduled charging time.

- This function will slightly increase the power consumption of the charging pile, please use it as needed.
- If the activation fails, please check whether the activation conditions of the function are met. If there is an abnormality, please contact the XPENG Service Center.

Slow Charging Current Settings

Operation



Charging Guidelines



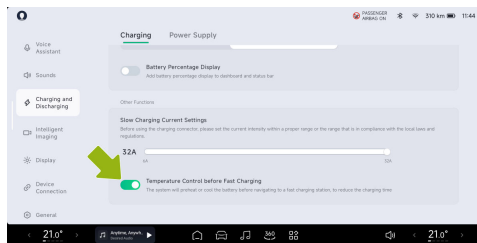
On the “ → **Charging and Discharging** → **Charging**” interface of CID, you can set slow charging current settings.

Tips

Before using the charging connector, please set the current intensity within a proper range or the range that is in compliance with the local laws and regulations.

Temperature Control Before Fastcharging

Introduction



The temperature control before fast charging can be enabled on the “ → **Charging and Discharging** → **Charging**” interface of CID. When navigating to a fast-charging station on CID, the vehicle will control the traction battery temperature in the optimal charging range to shorten the charging time.



Charging Guidelines

Tips

This function will heat or cool the traction battery and consume the energy of the traction battery.

Charging network

Introduction

New Features

Currently, there are more than 850k charging piles (supporting start-stop), covering more than 85% of the European charging network. Xpeng continues to be committed to expanding the charging network and improving the experience, so that your travel is no longer constrained by the power supply, and you can enjoy the convenience of charging anytime, anywhere.

Tips

Mobile APP Coverage Countries Currently covers 24 European countries: France, Germany, United Kingdom, Norway, Spain,

Sweden, Estonia, Lithuania, Finland, Denmark, Netherlands, Italy, Belgium, Austria, Czech Republic, Croatia, Hungary, Ireland, Luxembourg, Poland, Slovakia, Slovenia, Switzerland, Latvia (countries will continue to expand in subsequent versions)

Tips

CID Coverage Countries Currently supports 18 European countries: France, Germany, United Kingdom, Denmark, Netherlands, Italy, Belgium, Austria, Czech Republic, Croatia, Hungary, Ireland, Luxembourg, Poland, Slovakia, Slovenia, Switzerland, Latvia (countries will continue to expand in subsequent versions)

Charging Station Information

Introduction

New Features



1. Charging map: New charging station map control. Once turned on, the surrounding charging station information can be displayed on the map first, making planning more convenient.
2. Flexible filtering: Added multi-dimensional charging station filtering, supporting conditions such as power, brand, interface type, etc., to improve the efficiency of charging station search.
3. Voice search: Supports searching for nearby charging stations through Xiao P, making the search for charging stations more convenient.
4. Real-time information: The station adds charging prices, station numbers and other detailed information to help you find your favorite charging station.

Optimization

Route planning: The algorithm for adding charging stations for long-distance intelligent routes has been upgraded, and the charging station planning results are better. (The Mobile App will be updated in subsequent versions)

Charging start

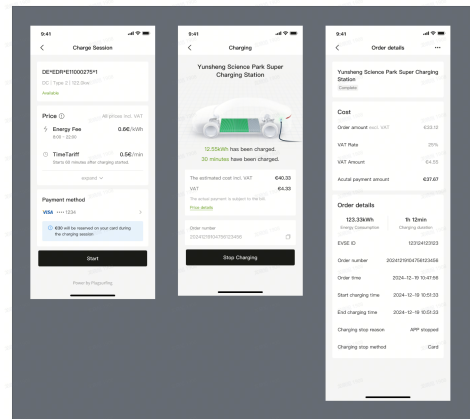
Introduction

New Features

1. Start with charging card: Take out the charging card and swipe it to quickly start the charging process. Say goodbye to tedious operations and enjoy the ultra-fast charging experience easily!
2. App launch: Supports charging initiated through the Xiaopeng mobile app. Just a touch of your fingertips and your car will instantly enter charging mode!



Charging Guidelines





XPILOT Hardware

Radar

To ensure the proper operation of radars:

- Please keep the radar surface clean and free of ice, snow, water, dust and other foreign objects attached.
- When a foreign object is found on the radar surface, wipe it with a soft cloth or clean it up with water (at low water pressure).

Camera

To ensure the proper operation of cameras:

- Please keep the camera surface clean and free of ice, snow, water, dust and other foreign matter.
- Please keep the front windshield clean.
- Keep the windshield in front of the camera clean, and there must be no objects between the camera and the windshield.

- When a foreign object is attached to the camera's surface, wipe it with a soft cloth or clean it with water (low-pressure water).

Opening/Closing of Front Hood

Introduction

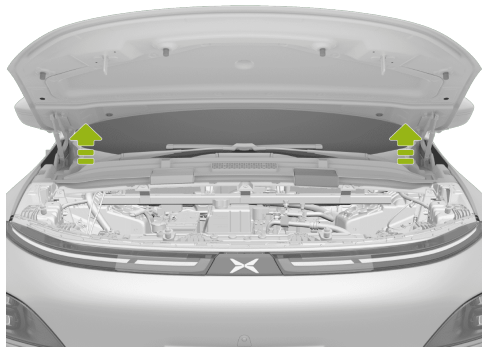
Opening of front hood





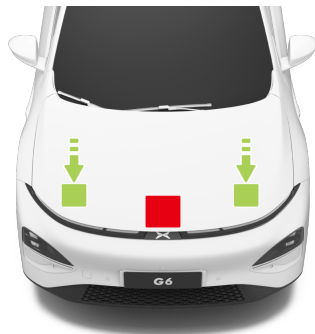
Daily Maintenance

1. Continuously pulling the handle at the left lower of the instrument panel twice can make the front hood slightly pop up to unlock it.



2. Slightly lift the front hood, and it will automatically rise to the limit position with the struts.

Closing of front hood



1. Lower the front hood until the front hood striker contacts the latch.
2. Place both hands on the front side of the front hood (green area as shown above), then firmly press down to close the front hood.
3. After closing, please check if the front hood is firmly locked. The ICM will display a prompt



indicating the status of the front hood (open or close).

warning

- Forces may only be applied to the green area shown in the illustration. Applying forces to the red area is likely to cause damage.
- Do not close the front hood with one hand to avoid concentration of force, which may cause dents or bends.
- Do not press on the front edge of the front hood to avoid bending the edge.

Maintenance reminder

Introduction

The large screen has added a maintenance reminder function. When the vehicle is about to need maintenance, a wrench icon will appear in the status bar of the large screen as a reminder.

Tips

When the maintenance reminder icon appears, you can go to Xpeng service center or other authorized dealers for maintenance.

Coolant

Introduction

Please check the coolant level during the specified maintenance period.

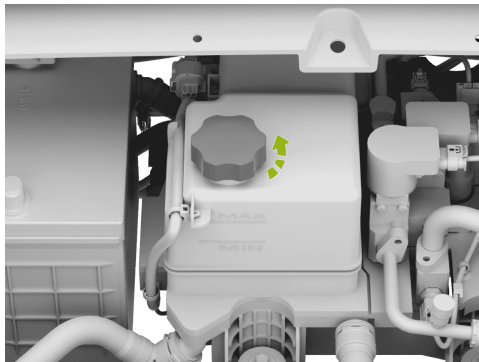


Check the level mark on the side of the coolant reservoir:

- MAX: Upper limit mark
- MIN: Lower limit mark

The coolant level shall be between MIN and MAX marks. If it is lower than MIN mark, add the coolant authorized by XPENG timely.

Operation



Unscrew the reservoir cap and fill the coolant.

In order to maximize the performance and life cycle of the traction battery, motor, and A/C system, a specific type of coolant is selected for the cooling system (select coolant with different freezing points based on the lowest temperature in the location)



Brake Fluid

Introduction

If the fluid level in the brake fluid reservoir is below the specified value, the brake light on the ICM will give an alarm. If an alarm is emitted during driving, pull over on the premise of ensuring safety and do not continue driving; And contact the XPENG Service Center immediately.

warning

- If you find that the brake pedal is loose or the brake fluid is significantly consumed, please contact the XPENG Service Center immediately. Driving under these conditions may increase the braking distances or lead to total brake failure.
- The brake fluid specifications are marked on the brake fluid packaging container. In any case, new brake fluid that meets the vehicle specifications must be used. Used brake fluid or inappropriate brake fluid will inevitably degrade the braking performance

and even cause the braking system failure. It is recommended to use original brake fluid approved by XPENG.



Check the level mark on the side of the brake fluid reservoir:

- MAX: Upper limit mark
- MIN: Lower limit mark



The brake fluid level shall be between MIN and MAX marks. If it is lower than MIN mark, add the brake fluid authorized by XPENG timely.

warning

- Add brake fluid until the fluid level is close to MAX line (but not above the MAX line). After adding brake fluid, refit the reservoir cap.
- The brake fluid is toxic. Please follow the requirements of relevant environmental regulations when releasing or disposing of used brake fluid.

Operation



1. Wrap a flat head screwdriver in a cloth, open and remove the upper trim panel of the reservoir at the position indicated by the arrow in the figure.



2. Clean the reservoir cap to prevent dust from entering.
3. Unscrew and remove the reservoir cap.
4. Fill the brake fluid approved by XPENG until the brake fluid is close to the MAX mark.

Caution and Limitation

warning

- Use new brake fluid in a sealed container. Never use brake fluid in the used or opened container. Brake fluid can absorb moisture, reducing braking performance.
- Brake fluid is highly toxic. Containers must be kept tightly sealed and out of reach of children. In case of accidental ingestion, seek medical attention immediately.
- Brake fluid can damage painted surfaces, so absorb the spillage immediately with a cloth and clean it with a cleaner-water mixture.
- Some models have components in the front compartment that block the brake fluid reservoir, so it may not be possible to accurately check the brake fluid level. If necessary, contact the XPENG Service Center for inspection.
- The brake fluid level may drop slightly during the use of the vehicle due to brake pad wear and automatic adjustment, which is normal.



However, if the fluid level drops significantly in a short period of time, or drops below the “MIN” marking line, or if the fluid reservoir needs to be filled frequently, it indicates that there is a leakage in the brake system. Please contact the XPENG Service Center to check the brake system as soon as possible.

- If the fluid level drops below the specified limit, a warning light will go on. The ICM may display relevant text messages to prompt or alert the driver that certain operations must be performed immediately. In this case, stop the vehicle immediately and do not continue driving. Please contact the XPENG Service Center to check the braking system as soon as possible.
- If the brake system warning light does not go off or goes on while driving, it indicates that the brake fluid level is too low. To prevent an accident, stop the vehicle immediately and do not continue driving.

Please contact the XPENG Service Center as soon as possible.

- Brake fluid is hygroscopic, and can continuously absorb moisture from the surrounding air during use. If the brake fluid contains too much water, it will corrode the brake system and greatly reduce the boiling point of the brake fluid, which may produce air resistance during emergency braking, resulting in degraded braking performance. Therefore, the brake fluid must be replaced every 24 months or every 40,000 km, whichever comes first!
- Do not store the brake fluid in empty food containers, bottles, or any non-original brake fluid containers. Otherwise, the brake fluid may be mistaken for food, resulting in a poisoning accident!



Windshield Washer Fluid

Introduction

Regularly check the washer fluid. If the level is too low, fill in the reservoir timely.

Operate the washer regularly and check whether the nozzle is clogged and can spray properly.

Operation



1. Clean the reservoir cap to prevent dust from entering.
2. Open the reservoir cap.
3. Add washer fluid until the fluid level reaches the lower edge of the filler.



warning

Do not use windscreen detergent with ethanol content higher than 25%. In environment with high temperature, the glass detergent may cause surface damage.

Wiper Blade

Introduction



Shift to P gear and keep the wipers off. Tap “ → **Vehicle Settings**” “**About**” on CID to turn on the front/rear wiper maintenance mode, and the wiper arm will operate to the maintenance position. After turning off the wiper maintenance



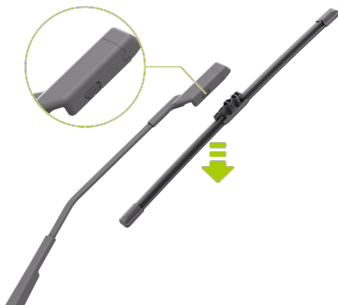
mode, the wiper arm will automatically return to its original position.

caution

Before replacing the wipers, you must turn on the wiper service mode, otherwise, vehicle damage can occur.

Operation

Replacement of front wiper blade



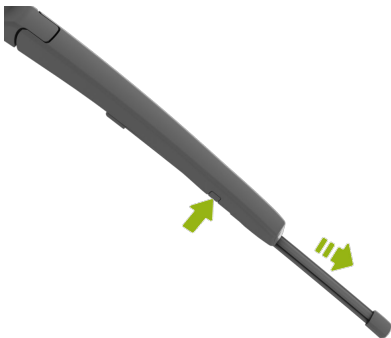
1. Lift the wiper arm, press the lock button, and pull out the wiper blade in the direction perpendicular to the wiper arm.
2. Install the new wiper blade back into the wiper arm by following the opposite steps, and if



you hear a “**click**” sound, it indicates that the blade is installed in place.

3. Gently place the wiper arm back onto the windshield.
4. Disable the front wiper maintenance mode.

Replacement of rear wiper blade



1. Press and hold the wiper blade, remove the wiper blade by pulling the wiper arm upwards

along the connection between the wiper arm and blade.

2. When installing, lift the wiper arm, clip the protruding position on the new wiper blade into the slot of the wiper arm and if you hear a “**click**” sound, it indicates that the blade is installed in place.
3. Gently place the wiper arm back onto the windshield.
4. Disable the rear wiper maintenance mode

Tips

- If you need to replace the wiper blades, it is recommended to go to the XPENG Service Center for replacement.
- Please lift the wiper arm for the cleaning of glass, wiper blades or replacement of wiper blades. Do not grab the wiper blade directly to avoid deformation of the wiper blade, which otherwise may make the wiper noisy and affect the wiping effect.



Traction Battery

Introduction

The traction battery is mounted on the underside of the vehicle, so drive with caution!

caution

- Carefully drive the vehicle through special road surfaces such as mud, potholes, curbs, higher and wider artificial bumps, and sidewalk ramps, etc., to avoid chassis collisions that may cause traction battery scratches or damage.
- Carefully drive the vehicle through standing water to avoid short circuit, leakage or damage of the traction battery due to excessive contact with water.
- If you feel that the chassis has been scratched, or the traction battery emits a strange odor, etc., you should immediately stop using the vehicle and contact the XPENG Service Center.

Range

The range depends on factors such as the vehicle's available power, the driving range and time, ambient temperature, road conditions, driving habits (A/C, driving modes, recycled energy level), and the vehicle loads.

Ambient temperature of traction battery

The ambient temperature affects the performance of the traction battery, and it is required to use the vehicle within the ambient temperature range of -30°C to 55°C in order to maintain the good performance of the traction battery and prolong the life cycle of the traction battery.

caution

Do not park the vehicle in a place with ambient temperature above 55°C or below -30°C for a long period.



Maintenance And Recycling of Traction Battery

Even if the vehicle is not used, the traction battery will slowly discharge. Low SOC will shorten the life cycle and performance of the traction battery, affecting the vehicle range. Therefore, before parking the vehicle for a long time, check the SOC of the traction battery to keep it at 30%~60%. If the SOC is low, please charge it before parking.

Refer to the relationship table between different battery powers and parking time to ensure parking with sufficient power:

Range or SOC	30%	50%	60%
Parking days	≤ 90 days	≤ 150 days	≤ 180 days

It is recommended to power on and check every 3 months. If the battery SOC is too low, charge

timely, otherwise the performance of the traction battery may be affected due to power depletion.

The life cycle of traction battery is also affected by ambient temperature. When the ambient temperature is too low, the driving range of the vehicle will be reduced and the charging time will increase.

Tips

- Recommended charging working temperature: 0 ~ 45°C. The charging time will be extended if the ambient temperature is lower than 0°C.
- Parking the vehicle in a hot or cold environment for a long period will accelerate the loss of the traction battery. It is recommended to park the vehicle in a cool, dry and ventilated place without low-lying areas, away from heat sources (such as heating pipes) flammable and explosive materials and corrosive substances.
- Avoid wading for a long distance or a long time.



- Do not discharge the traction battery completely.

Maintenance of LFP battery

If the LFP battery is used by the vehicle, please follow the following suggestions to allow the more accurate estimation of the range and prolong the life cycle of the traction battery.

- Charge the battery to 100% SOC as soon as possible after picking up the vehicle (fast charging recommended for first three times). After that, it is recommended to set the charging SOC limit to 100%, and fully charge the battery at least once every 2 weeks or every 1,000km (fast/slow charging).
- In winter, when the temperature is low, it is recommended to keep the range not less than 100km.
- When the vehicle is parked, avoid turning on the 12V delayed power-off function of the trunk for a long period of time to reduce the power consumption of the vehicle. If the vehicle is parked for more than a week, it is

recommended to charge the battery to 100% SOC once.

Instructions for traction battery recycling

If the traction battery needs to be replaced or scrapped, please contact XPENG Service Center for recycling and disposal. Careless disposal of traction battery will cause pollution to the environment or safety accidents, and the vehicle owner should be held responsible.

Caution and Limitation

warning

- The traction battery can generate a rated voltage far beyond the safety voltage of human body, which may cause serious injury or even death to human body. Please beware of the high voltage danger!
- Only trained technicians are allowed to disassembling, checking, modifying, and repairing the traction battery and its circuits. Otherwise it may lead to electric shock



injury or even death due to improper operation.

Charging Stand

Introduction

For normal use, clean with a high-pressure air gun or brush every week. If it is impossible, use a dust-free cloth or cotton swab to clean the charging stand and charging plug.

warning

Do not touch the charging plug pins and the charging stand socket by the sharp objects such as screwdrivers, tweezers, etc. to avoid damaging the pins and the socket.

Tire

Inspection and Maintenance of Tires

Please check the tire pressure regularly. If the tire pressure is insufficient, be sure to adjust it to

the specified value on the tire pressure label on the driver side B-pillar.

Regularly check the tread for abnormal wear, nails, etc. Regularly check the tire wall for bulges, cuts, etc.

Tire Wear

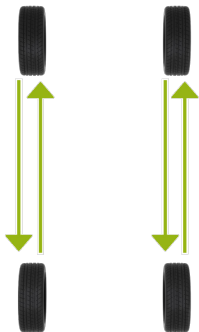
Sufficient tread depth is crucial for the tire performance. Tires with a tread depth less than 2mm are easily slipping under slippery road conditions, so they are not recommended. Tires with a tread depth of less than 4mm will have poor performance on snowy and muddy roads, so they are not suitable for driving in winter.

To reduce tire wear and extend tire life, please service the tires according to your driving habits and road conditions:

- Avoid rapid departure or coarse acceleration.
- Avoid sharp turns and heavy braking
- Slow down when driving over potholes, curbs, or similar sections of the road.



- It is recommended to rotate the tires every 10,000km.



Replacement of Wheel and Tire

Tires will age over time due to UV rays, extreme temperatures, high loads, and environmental conditions. They may also have normal wear during normal acceleration, braking, and turning. XPENG Service Center will check the tire

wear condition during vehicle maintenance, and recommend replacing tires if necessary. In case of special circumstances, such as the tire tread wearing down to the wear mark, or a foreign object scratches or punctures the surface of the tire, go to XPENG Service Center immediately to replace the tire.

caution

Please use the tires and hubs with the same specifications as those of the original tires and hubs. Tires with different specifications will affect the normal operation of the XPILOT function and the TPMS.

warning

- Do not drive the vehicle if the tires are damaged, excessively worn or have incorrect pressure. Regularly check the tire for wear without cuts or bulges.
- After replacing or repairing the tires, perform the dynamic balancing of wheels.



Type of Seasonal Tire

Summer tire

Summer tires are suitable for extremely dry or wet roads, but not for winter. Winter tires are recommended when driving in cold weather or on icy roads.

All-season tire

These tires are designed to provide sufficient traction in all seasons of the year, but may not provide traction comparable to winter tires on icy and snowy roads. “**ALL SEASON**” and/or “**M+S**” (mud and snow) markings are visible on the tire walls of all-season tires.

Winter tires

Winter tires can improve the traction in icy conditions. When fitting winter tires, always fit a set of four tires at the same time and all four wheels must have the same size, brand, structure, and tread pattern of winter tires, contact XPENG Service Center for advice on winter tires.

When driving a vehicle with winter tires fitted, you may experience increased road noise, shortened tread life and reduced traction on dry roads.

warning

- If the tire is worn unevenly and excessively, please go to XPENG Service Center in time to check the wheel balance and wheel alignment.
- Underinflation is the leading cause of tire failure. It may cause overheating, tire cracking, tread separation or tire blowout leading to accidental vehicle loss of control and increased risk of injury.
- Underinflation can also shorten the vehicle range and the service life of tread.
- Do not use any tire sealant (except those provided in the emergency tire repair kit), otherwise, a malfunction of tire pressure sensor may occur.



Tire Pressure Monitoring System (TPMS)

TPMS can monitor the tire pressure and temperature in real-time during driving, and provide alarm in case of abnormal tire pressure, temperature, or abnormal TPMS system to ensure driving safety.

warning

- When the tire pressure or TPMS is abnormal, the ICM will illuminate the TPMS indicator and give a text message: **“Low tire pressure, please inflate the tire in time”, “Low tire pressure, please inflate the tire immediately”, “TPMS fault, please go to a service center for maintenance”**. Please strictly follow the instructions for troubleshooting.
- It is prohibited to modify the TPMS at will.

Tire Pressure Calibration

The tire pressure will be automatically calibrated whenever the tire is replaced. Please keep the vehicle stationary for at least 17min before calibration. During the calibration, drive the vehicle at a speed of over 40km/h for 10min and avoid reversing.

Using Snow Chains

When you drive the vehicle in a severe environment such as snowy or icy roads in winter, use snow chains to increase tire friction and reduce side slip. For the use of snow chains, the following suggestions must be followed:

- When driving in deep snow, it is necessary to install snow chains on the tires. The vehicle is not equipped with snow chains, and the vehicle owners can purchase ones as needed. To install snow chains, you must choose an equivalent of a size and type that matches the specifications of the tires on your vehicle.



- Snow chains installed on your tires can ensure that you can drive in a balanced manner in all types of weather. It should be borne in mind that the vehicle may not have enough traction after installing the chains. Drive carefully, even when the road conditions are good. Do not exceed the speed limit of the tire snow chains, or exceed 50km/h, whichever is lower.
- Only use snow chains on the rear wheels. Install snow chains in pairs. Self-tensioning snow chains are strictly prohibited.
- Do not use tire chains on dry roads. Please remove the tire chains before driving on snow-free roads.
- After installing the snow chains as close as possible to the tires and driving for 0.5~1.0km, tighten the chains again.
- If the vehicle is equipped with wheel trim covers, please remove them before installing the tire chains.
- If you hear the friction or collision sound between the snow chain and the vehicle while driving, stop and re-tension the snow chain. If

it does not work, remove the snow chains to prevent damage to the vehicle.

- Use fine-mesh snow chains. They must not add more than 0.53 inch (13.5 mm) in height, including the chain lock.

Brake Pad

Introduction

It is recommended to check whether the brake pads are worn to the alarm limit during each maintenance or before long distance traveling.

If brake noise is heard during braking, it is recommended to check the brake pads and replace them if they are worn to the alarm limit.

Replace the brake pad with the original part.



Exterior Cleaning

Introduction

Exterior cleaning

Washing vehicle frequently helps maintain the vehicle in good appearance.

Keep the vehicle in a cool place away from direct sunlight when washing. Please wait until the exterior of the bodywork has cooled before washing it to prevent the paint damage caused by sunlight exposure.

When washing will be done through an automatic car washer, be sure to follow the instructions of the washer operator.

In case of washing under high pressure, please direct the water flow at the window instead of the edge of the window so as to prevent water from injecting the inside of the vehicle.

After washing the vehicle in cold winter, dry the water in the grooves around the door handle to avoid freezing.

To prevent damage to the paintwork, remove corrosive substances (bird droppings, resins, insects, asphalt spots, paving salt, industrial dust, etc.) immediately.

The washing of the exterior of the body should be implemented as follows:

1. Preparations before cleaning

Close the doors, trunk and front hood, and check that the charging port is fully closed

2. Rinse thoroughly

Rinse off the dirt and grit from the vehicle body with a hose before washing. Rinse areas that may easily accumulate dust, mud or road salt, for example, wheel arch and panel joint.

3. Hand washing

Add a high-quality neutral vehicle cleaner in cold or warm water, dip the soft cloth wet, and hand wash the outside of the vehicle body.

4. Rinse with water



After washing, rinse with clean water to prevent any residual soap liquid on the surface from getting dry.

5. Dry with a soft cloth

caution

- Do not use hot water and detergent.
- When using a high pressure washer, keep the nozzle moving at least 30cm away from the surface of the vehicle body, and do not keep spraying water towards a certain area. Do not spray water towards the charging port.
- When washing the vehicle at low temperature, or parking outside in snowy days, the active grille shutter (AGS) may not work properly due to icing, and the ICM will display the AGS fault, which is normal and does not affect the normal use of the vehicle. After driving for a period of time (about one hour) or using the heat gun for defrosting, the fault will be eliminated

automatically, otherwise, contact the XPENG Service Center for maintenance.

- Do not spray water from the hose directly toward the windows, door seals or through the wheel hub holes into the brake parts.
- Avoid using lint or coarse cloths, such as car washing gloves.
- Do not use chemical tire cleaners as they may damage the finished wheel surface.
- When washing the vehicle, avoid using a high pressure washer to spray water on the charging port cover opening/closing area, as this may cause the charging port cover to open.

Cleaning, caring for external plastic parts

Clean with water as well as a soft cloth or a soft brush.

Washing of windows and mirrors

The windows and rearview mirrors should be cleaned with alcohol-based glass cleaner. After



cleaning, the surface of the glass should be dried with clean, soft, lint-free cloth.

The residual wax on the glass due to the maintenance of body surface should be removed with special cleaner and cleaning cloth to prevent the wiper blade from being scratched.

Remove snow from windows and mirrors with a small brush.

The accumulated ice can be removed by deicer spray or deicing shovel. However, you must be specially cautious to avoid damaging the parts, and the ice must be scraped in the same direction.

caution

- Do not use warm or hot water to remove snow or ice from the windshields and rearview mirrors, as this may cause the glass breakage.
- Remove the residual rubber, grease and silicone substances on the glass with a

special window cleaner or silicone cleaner if any.

Maintenance of sealing strip

Remove dust and dirt from the surface of the sealing strip using soft cloth during maintenance. Regularly apply special protective agent to the surface of the sealing strip.

Wiper blade cleaning

Regularly clean the edge of the wiper blade and check for cracks, rips and roughness in rubber. If damaged, please contact the XPENG Service Center for replacement.

The contaminants on wiper blade may reduce the effectiveness of the wiper blade. The contaminants include ice, vehicle wash wax, cleaning fluids containing bacteria or waterproof agent, bird droppings, tree leaves and other organic materials.

Please clean the wiper blades as follows:



Daily Maintenance

- Clean the windshield with a nonabrasive glass cleaner
- Tap “ → **Vehicle Settings**” on the CID and open “**Front Wiper Maintenance Mode**” or “**Rear Wiper Maintenance Mode**” in the current menu interface to activate the front/rear wiper maintenance mode.
- Lift the wiper arm slightly from the windshield to get close enough to the wiper blade, then wipe the blade clean with isopropyl alcohol or wiper cleaning fluid.
- If the wiper blades are still ineffective after cleaning, they may need to be replaced.

caution

- Lower the wiper arm carefully to prevent it from dropping momentarily and striking the windshield.
- The wiper blades are coated with a layer of graphite, which makes the wiper work smoothly without noise. Solvent cleaners, hard sponges and sharp objects can damage the graphite layer. If the graphite

layer is damaged, the wiper will be noisy and should be replaced in time.

- In winter or cold weather conditions, check and ensure that the wiper blades are not frozen to the windshield before using the wipers. If the wiper blades are frozen, remove the ice first, otherwise, the wiper blades and wiper motor will be damaged.
- Please lift the wiper arm for the cleaning of glass, wiper blades or replacement of wiper blades. Do not grab the wiper blade directly to avoid deformation of the wiper blade, which otherwise may make the wiper noisy and affect the wiping effect.

Windshield cleaning

Clean the windshield with a non-abrasive glass cleaner.

Contaminants on the windshield may affect the hydrophobicity of the glass, so please clean it promptly. Contaminants include dust and oil film, bird droppings, leaves, and other foreign matters.



caution

- Do not use cleaners containing ammonia or chlorine, such as household window cleaners, as this will accelerate the aging of the wiper blades.
- Do not use water-repellent materials (e.g. wax, crystal wax, etc.) to clean the windshield, which will increase the water repellency of the glass surface and affect the cleanliness of the windshield.

Interior cleaning

Introduction

Check and clean the interior frequently to keep the interior looking neat and new and prevent premature wear and tear.

caution

- Plasticizer-free automotive products are recommended. If the plasticizer content of the automotive products is too high, it

will react with the PU interiors, resulting in bulging and other problems.

- To avoid interference with the pedals, make sure that the floor mat on driver side is properly secured and do not overlap other floor mats on it. Floor mat should always be placed on the carpet surface of the vehicle.
- The solvents (including alcohol), bleach, citrus cleaners, naphtha, silicone-based products or additives can damage the interiors.
- Statically charged substances can cause damage to the CID and instrument panel.
- Do not use wet tissues, wet cloths, detergents, etc. to wipe the door guard plates, and take care to protect them from water during the use of the vehicle (e.g., rainy days, vehicle washing) as much as possible, as this may lead to malfunction of the internal electrical components, etc.
- If the airbags or seat belts are damaged, please contact XPENG Service Center immediately.



- The seat belt components are strictly prohibited to be damaged by water, detergent or fabrics.

Interior glass

Scratching or using any abrasive cleaning solution on the glass or mirror surface is strictly prohibited. Otherwise, the reflective surface of the mirror and the rear window heating element may be damaged

Instrument panel and plastic surfaces

Polishing of the surface of the instrument panel is strictly prohibited, as the polished surfaces tend to reflect light and may interfere with driving visibility.

Seats

Wipe the stain as soon as possible with a soft cloth dampened with warm water and neutral soap. Wipe gently in a circular motion, then dry with a soft lint-free cloth.

Seat belt

Pull out the seat belt and wipe it. Do not use any type of cleaner or chemical cleaner. Allow the extended seat belts to dry naturally.

Carpet

Use a vacuum cleaner with soft brush to clear dust and surface debris For stubborn stains, try using water or baking soda solution to remove them Please select an appropriate method to remove the stains prior to cleaning:

- For liquid stains: Gently wipe the residues with a paper towel, allowing the stains to soak and be absorbed by the paper towel as much as possible.
- For solid and dry stains: Remove as much as possible manually first, then use the vacuum cleaner to clean up the remaining residues.

CID and instrument panel

Clean the CID and instrument with a special soft lint-free cloth. Do not use cleaners (such as a glass cleaner), wet wipe or a dry statically-



charged cloth (such as a recently washed microfiber).

floor mats are excessively worn, replace them in time.

Tap “ → **Display→Screen Cleaning**” or swipe down the quick menu on CID to enable clean mode and wipe the CID, which will not activate buttons or change settings.

caution

Do not clean the CID with corrosive liquids such as acids and alkalis, deoxidizing detergents, sodium hypochlorite (84 disinfectant), etc.

Chrome-plated and metal surfaces

Polishes, abrasive cleaners, or hard cloths can damage the chrome-plated surface and the finish of the metal surface.

Floor mats

To extend the life of the vehicle carpet and for easy cleaning, please use genuine floor mats approved by XPENG. Regularly clean the floor mats and ensure they are properly installed. If the



Emergency Devices

Emergency Devices

Hazard warning light



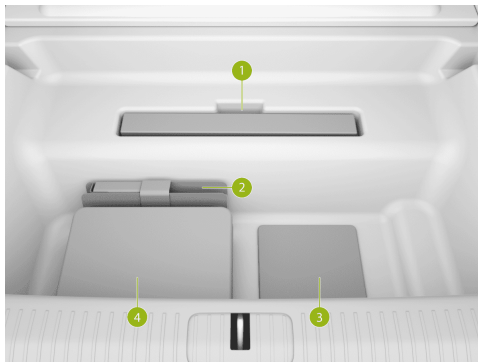
In the case of an emergency during driving, press the hazard warning light button to turn on the hazard warning lights and the turn signal lights

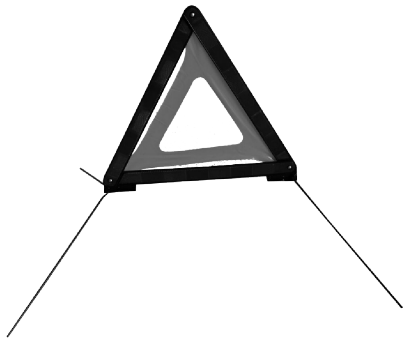
flash. Press the button again to turn off the hazard warning lights.

Tips

Hazard warning lights can be turned on regardless of the vehicle power supply.

Trunk emergency device





1. Warning triangle

In the case of an emergency after parking, take out and place the warning triangle at the rear of the vehicle as shown in the following figure .

General road	General road	Highway
--------------	--------------	---------

Day	Night	Highway
$\geq 50\text{m}$	$\geq 80\text{m}$	$\geq 150\text{m}$

2. Driver's tool

Driver's tool includes: towing hook and wheel nut pliers.

3. Reflective vest

In case of an emergency, please take out the reflective vest from the trunk and put it on. Wearing a reflective vest can increase visibility and reduce the risk of accidents.

4. Emergency tire repair kit

Emergency Tire Repair

Emergency Tire Repair

No spare tire is available to the vehicle but an inflatable emergency tire repair kit is included with the vehicle.



The emergency tire repair kit includes an inflatable pump and a can of tire sealant (for one tire only). When injected into the tire, the tire sealant will penetrate into small punctures on the tire by no more than 6mm for an emergency repair.



warning

- For punctures larger than 6mm, severe tread damage, sidewall damage, tire tearing or tire falling off, please contact XPENG Service Center.
- The emergency tire repair kit is only used for a single temporary repair of a damaged tire, which must be repaired or replaced as soon as possible.
- If the tire is temporarily repaired with the tire sealant, the driving speed must not exceed 80 km/h.
- Please read and observe all warnings and instructions on the label of emergency tire repair kit.
- It is strictly forbidden to continue driving when a flat tire is detected, otherwise, serious personal injury may occur.

Tire Sealant

The tire sealant in the emergency tire repair kit is specially designed for XPENG vehicles,

Emergency Rescue



which will make no damage to the tire pressure sensor. Therefore, it can only be replaced with tire sealant of the same type and capacity. Tire sealant can be purchased from XPENG Service Center.

The product expiration date is printed on the outside surface of the tire sealant. If the service life expires, the tire sealant can not work as expected. Be sure to purchase a new tire sealant.

warning

- Do not use tire sealant purchased from channels other than service center, otherwise, a malfunction of tire pressure sensor may occur.
- Always read and follow the safety and operating instructions for tire sealant.
- Keep the tire sealant out of reach of children.
- In the case of eye contact, flush with water and seek medical attention immediately.

- In the case of accidental ingestion, seek medical attention immediately.
- In the case of inhalation, get fresh air and seek medical attention immediately.

Tire Inflation

Temporarily repair small tire punctures (less than 6 mm) according to the steps below:





Emergency Rescue

1. Take out the emergency tire repair kit from the trunk.
2. Take out the inflatable pump and tire sealant from the emergency tire repair kit.



3. Take out the tire sealant and shake it well.



4. Screw one end of the tire sealant injection tube into the tire valve and tighten it. Be careful not to invert the tire sealant can.



5. Connect the other sealant injection tube to the inflatable pump and tighten it, and then connect the power cord of the inflatable pump to the 12V power supply in the vehicle storage box.



6. a. Switch on the inflatable pump to inflate the tire.
b. In the process of sealant injection, the value on the pressure gauge may be approximately 300~600kPa.
c. Observe the pressure gauge until the tire pressure reaches the standard value before stopping inflation.



- d. For tire specifications and standard tire pressure values, please refer to the tire pressure label.
 - e. Check the tire pressure, if it cannot reach the set value within 20min, it will be deemed as tire repair failure.
7. Turn off the inflatable pump, and then pull out the sealant injection tube from the tire valve. Wipe off the excess sealant from the tire valve and the wheel hub. Pull out the sealant injection tube from the inflatable pump, and put the emergency tire repair kit back to the trunk.
 8. Drive the vehicle immediately for 5km or 10min at a speed of 20~60km/h to allow the sealant spreading evenly throughout the entire tire.
 9. Stop the vehicle to check the tire pressure.

 caution

If the tire pressure is lower than 130kPa, it indicates that the damaged tire can not be repaired by using tire sealant. At this

time, please park the vehicle safely on the roadside and contact the XPENG Service Center.

10. Inflate the tire to the standard tire pressure.
11. Store the inflatable pump back into the trunk.
12. Drive the vehicle at a speed of 20~80 km/h to XPENG Service Center for tire repair.

 caution

- Repair or replace the tire as soon as possible.
- After using the tire sealant, please purchase a new one in time.
- Do not drive the vehicle at a speed above 80km/h.

Emergency Rescue



Inflation Only



1. Take out the emergency tire repair kit from the trunk.
2. Take out the inflatable pump from the emergency tire repair kit.



3. Take out the inflatable tube and the power cord from both sides of the inflatable pump
4. Attach the inflatable tube to the tire valve and tighten it.
5. Connect the power cord of the inflatable pump to the 12V battery in the vehicle.



6. Switch on the inflatable pump to inflate the tire.

- Observe the pressure gauge until the tire pressure reaches the standard value before stopping inflation.
- For tire specifications and standard tire pressure values, please refer to the tire pressure label.

7. Switch off the inflatable pump.



caution

- Please inflate the tire to the specified value, because that the overinflation and underinflation will accelerate the tire wear.
- In the case of overinflation, reduce the tire pressure value by deflating the tire as follows.
 - Operation procedure: Remove the inflatable tube, press and hold the metal rod in the center of the valve to deflate the tire, during which you can connect the inflatable tube to check the reading on the air pressure gauge until the tire pressure is reduced to the specified value.
- After adjusting the tire pressure, if the TPMS indicator does not go out, please drive the vehicle at a speed of 40km/h for a short period of time and check the recovery of the indicator.



- After driving for a period of time, the tire pressure will increase slightly as the tire temperature rises, which is normal.
- If the indicator is still illuminated, please contact the XPENG Service Center.

E-call

Introduction



In the case of an emergency, please call for rescue by the following ways:

- Manual call: Press and hold the SOS button for more than 3s, and the system will call for rescue. If you want to cancel the call while waiting for connection, just press the button again.
- Automatic call: When the vehicle airbag is deployed in a collision, the system will automatically call for rescue.
- Callback: When the call is not connected or interrupted, the system supports callback within a certain period of time.

Tips

- During the call waiting or after the call is answered, the SOS button indicator will be green. When the system is faulty, the SOS button will be red and you should get help by other means.
- After the call is answered, it can only be ended by the rescuer.



- The E-call will be invalid after expiration, please pay attention to the E-call expiration date on the CID in time.
- In the case of battery failure, the call for rescue can be continued for a period of time.

Rescue Protective Equipment

Introduction

The vehicle power system is equipped with a traction battery, which may cause high-voltage leakage in the event of a severe collision. Therefore, the vehicle shall be operated by professional rescue personnel wearing proper protective equipment to ensure personal safety.

warning

When operating the vehicle, please make sure that you are not carrying metal products (such as necklaces, watches, etc.) to avoid electric shock.

Electrical protection

Wear the following protective equipment to avoid injuries from high voltage shock:

- Rubber insulation gloves (capable of insulating voltages above 500V).
- Goggles.
- Rubber insulating shoes.
- Tools with insulated protective sleeves.

Chemical protection

In case of an electrolyte leak from the traction battery, wear the following protective equipment to prevent injuries to the skin, face, and other body parts:

- Protective masks.
- Solvent insulating gloves.



Collision Protection

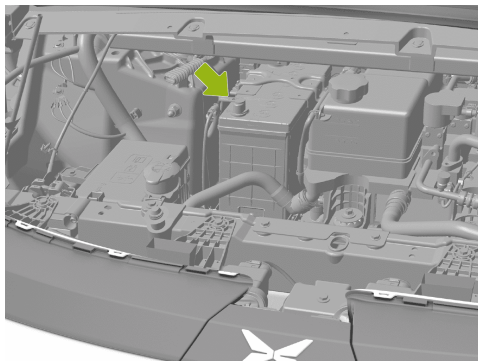
Introduction

The vehicle has the functions of cutting off and releasing high voltage. If a collision occurs and the conditions of collision protection triggering are met, the vehicle will automatically cut off the high-voltage power supply. At the same time, it will remind the occupants to leave the vehicle as soon as possible by sound, text, and other means, thereby avoiding disasters and injuries.

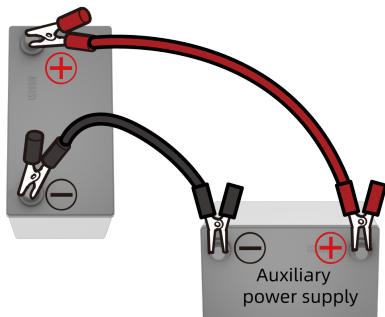
Jump Starting

Operation

If the battery SOC is too low to start the vehicle, jump starting is recommended.



1. Open the trim cover on the positive terminal of the battery.
2. Connect one end of the red cable to the positive (+) terminal of the vehicle battery and the other end to the positive (+) terminal of the auxiliary power supply.



3. Connect one end of the black cable to the negative (-) terminal of the vehicle battery and the other end to the negative (-) terminal of the auxiliary power supply.
4. Start the vehicle. After it is started successfully, remove the connected cables in reverse order and restore the battery cover.

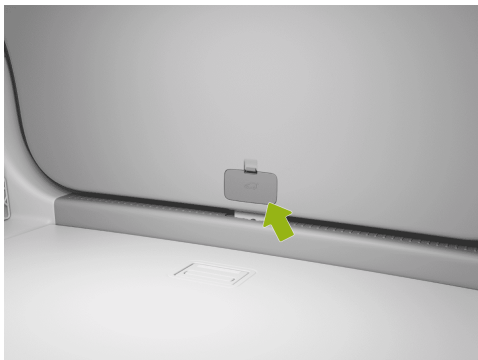
warning

- Improper use of connection cables may lead to the explosion of the battery, causing the personnel injury.
- The voltage and capacity of the auxiliary power supply must be the same as those of the vehicle battery, otherwise, it may cause an explosion.
- The battery shall not be exposed to open flame or static electricity, otherwise, the flammable gas produced by the battery may be ignited by a spark and cause an explosion.
- Do not touch high voltage parts during operation to prevent injury from high voltage electric shock.

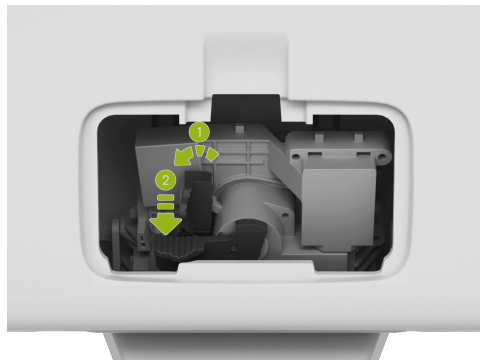
Emergency Opening/Closing of Trunk

Operation

The trunk can be opened by the following operations in an emergency:



1. Fold and lower the rear seat backrests to access the trunk.



2. Open the trim cover on the emergency unlocking device.
3. First push the lever ① to the left and hold, next press the lever ② to unlock the trunk, and then push the trunk outward to open it in an emergency.
4. Press down on the trunk to close the trunk.



Electric Door Emergency Opening and Closing

Operation

The doors can be opened in an emergency by the following operations.

caution

Pull the door emergency opening handle once to open the door while driving; Do not pull the emergency opening handle in non-emergency situations.

Emergency opening of front door



Press the front part of the driver door handle to pop out the flush door handle, insert the mechanical key into the lock hole, turn counterclockwise and then pull the handle to open the door.

Tips

- The mechanical key is provided with the vehicle and is not integrated with the I-key. Please store the mechanical key separately and keep it in a safe place for use in case of emergency.
- When opening the door, turn the mechanical key back to the initial position before it can be removed. If the key cannot be turned during operation, insert the key to the bottom to continue turning.
- The alarm will be given when the door is opened, and will be deactivated when the key is used to unlock the door or when the emergency is activated.



Pull the emergency opening handle at the side of front door storage box to open the door.

Emergency opening of rear door



1. Press open the access cover below the rear door armrest.
2. Pull the emergency opening handle to open the door.

Tips

Close the door and the door is locked.

Vehicle Emergency Starting

Operation

If the instrument displays the message “**Please replace the key battery**”, it indicates that the I-key battery is very low. At this time, you should replace the battery in time. Otherwise the vehicle cannot be started unless try the emergency start:



Emergency Rescue



1. Put the I-key at the position of the arrow on the dashboard.
2. Depress brake pedal and shift the gear into R or D, and the vehicle will start.

Tips

The vehicle can also be started by the cellphone App Bluetooth key .

Emergency Power-off

Operation

Emergency power off can be performed by the following methods:

The vehicle can be powered off in an emergency when the driver's seat is occupied or the door is open.



- When the vehicle is stationary, press and hold the emergency power-off switch for 5s to power off directly.
- When the vehicle is driving, press and hold the emergency power-off switch for 5s, and a prompt pop-up window will appear on the ICM, and the vehicle can be powered off only after tapping to confirm.



- When the vehicle is stationary or running at a speed, press the emergency power-off switch for 3 times within 2s to power off directly.

Initialization of Windows

Operation

When the one-button closing and anti-pinch function fails, you can try the following initialization procedure:

1. Power on the vehicle and close all doors. Pull the window switch lightly to position I (manual lifting mode) to fully close the window for 3s, and then release the switch.
2. Press the window switch with force to position II (automatic lowering mode) and release, the window will automatically lower to the fully closed position.
3. Pull the window switch with force to position II (automatic lifting mode) again, and the window will automatically lift to the fully open position.

You can check if the initialization is successful with the following operations. If all items are normal, it indicates that the initiation is successful:

1. Repeat the above step 2 to check whether the window can automatically lower to the fully open position.
2. Repeat the above step 3 to check whether the window can automatically lift to the fully closed position.



caution

- Setting the window to fully open or fully closed position needs to be completed within 15 s.
- Setting the window to fully open or fully closed position must be completed consecutively. If only one of the steps is done, the anti-pinch function may fail. To avoid this risk, two steps must be done consecutively.



Initialization of Seats

Operation

If the seat function goes abnormally when you are using (such as failed to adjust the seat via button, CID and voice assistant), you can try to initialize the seat manually and then use it.

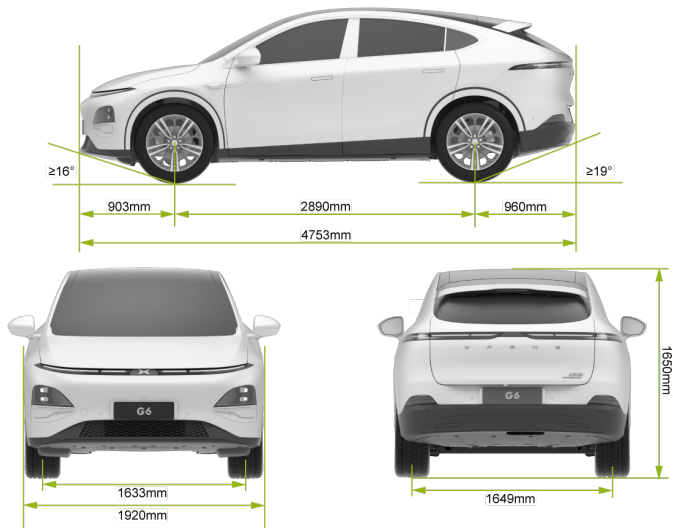
Initialization operation of the front seats

1. Move the backrest angle adjustment switch forward to adjust the backrest to the foremost position, then release it.
2. Move the switch forward and confirm that the backrest is moved to the foremost position, then release it.
3. Move the switch forward again within 5s and hold it for more than 5s and then release it. If the seat starts to adjust its position by itself, it indicates that the seat initialization is successful.
4. Use the seat after the seat is stopped.



Vehicle Type and Parameters

Dimension Parameters



Vehicle Identification



Outline dimensions	Length (mm)	4753
	Width (mm)	1920
	Height (mm)	1650
Wheel track	Front track (mm)	1633
	Rear track (mm)	1649
Wheelbase (mm)		2890
Front overhang (mm)		903
Rear overhang (mm)		960
Seating capacity (person)		5
Approach angle (full load)(°)		16
Departure angle (full load)(°)		19



Tips

The exterior rearview mirrors (left and right) are not included in the overall dimensions, and the allowable tolerance range of the vehicle dimension parameters is $\pm 1\%$.



Mass Parameters

Item		Type I	Type II	Type III	Type IV
Vehicle unladen mass (kg)		2025	2048	2120	2143
Kerb	Front axle (kg)	944	939	1038	1033
	Rear axle (kg)	1081	1109	1082	1110
Maximum total mass (kg)		2553		2638	
Maximum	Front axle (kg)	1106		1191	
	Rear axle (kg)	1447		1447	

Tips

The tolerance range of mass parameters is $\pm 3\%$, except for maximum total mass.



Performance Parameters

Minimum turning diameter (m)	11.6
Maximum vehicle speed (km/h)	200
Maximum gradeability (%)	30



Wheels and Tires

Tire		255/45R20
Wheel rim		20×8.5J
Pressure	Front wheel (empty half load/ full load) (kPa)	250
	Rear wheel (empty half load/full load) (kPa)	270
Wheel dynamic balance (with balance weights)	Inner side of front wheel (g)	≤8
	Outer side of front wheel (g)	≤8
	Inner side of rear wheel (g)	≤8
	Outer side of rear wheel (g)	≤8



Main Parameters of Traction Battery

	Item	Unit	Long range vehicle model	Ultra long range vehicle model - 2WD	Ultra long range vehicle model - 4WD
Cell	Type	/	LFP	NCM	NCM
	Rated voltage	V	3.16	3.67	3.67
	Rated capacity	Ah	129	159	159
Traction battery	Rated voltage	V	512	550.5	550.5
	Rated capacity	Ah	129	159	159
	Rated energy (1C)	KWh	66	87.5	87.5
	Mass (including guard plate)	kg	569±10	559±15	559±15



Brake and Suspension

Type	Floating caliper ventilated disc
Type of assist	Electric assist
Brake pedal free travel or idle travel (mm)	≤2
Wear limit of brake pad for the front wheel (excluding the backing plate for brake pad)	2.3
Wear limit of brake pad for rear wheel (excluding the backing plate for brake pad)	3.3
Wear limit of front brake disc (mm)	26
Wear limit of rear brake disc (mm)	20
Front suspension type	Double wishbone independent suspension
Rear suspension type	Multi-link independent suspension



Wheel alignment parameters

Single-sided front wheel toe-In	$0.15^{\circ} \pm 0.1^{\circ}$
Single-sided front wheel camber angle	$-0.5^{\circ} \pm 0.5^{\circ}$
Kingpin caster angle on one side	$6.8^{\circ} \pm 1^{\circ}$
Kingpin inclination angle on one side	$10.2^{\circ} \pm 1^{\circ}$
Single-sided rear wheel toe-In	$0.1^{\circ} \pm 0.1^{\circ}$
Rear wheel camber	$-1.36^{\circ} \pm 0.5^{\circ}$



Parameters of Electric Drive System

Item		Front electric drive system*	Rear electric drive system
Drive motor	Type	Inductive asynchronous	Permanent magnet synchronous
	Rated power (kW)	50	110
	Rated torque (N·m)	50	170
	Rated speed (rpm)	7300	5000
	Maximum power (kW)	140	210
	Maximum torque (N·m)	220	440
	Maximum speed (rpm)	18000	
Reducer	Model	1ETP22A	1ETP45A
	Gears	1	



Fluid and capacity

Introduction

Item	Model	Filling amount
Front electric drive oil (L)	FUCHS 4101	1.4
Rear electric drive oil (L)		1.35
Coolant (L)	Mixture of ethylene glycol and water	Near MAX line (about 14.5)
A/C refrigerant (g)	R-1234yf	1150±15
Brake fluid (L)	DOT4	Near MAX line (about 1.02)
windshield washer fluid (L)	/	3.0

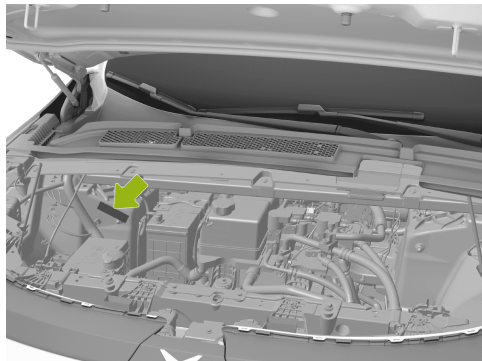
Vehicle Identification



Label and Nameplate

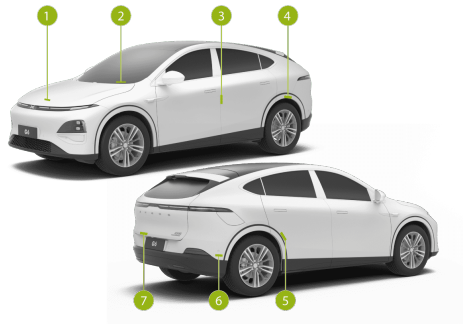
VIN

The vehicle identification number (VIN), as the legal identification mark of the vehicle for the owner registration, should not be scratched, removed, covered, hidden, altered or painted.



The VIN is engraved on the right side of the cast aluminum shock absorber tower in the front compartment.

The remaining VINs can be found at the following locations:



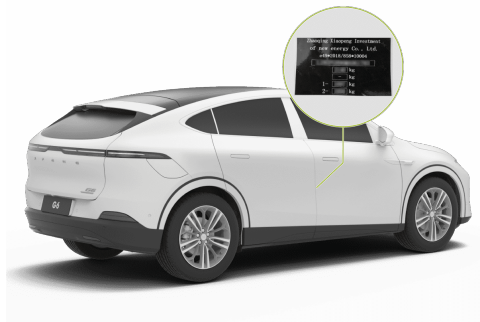
1. Affixed to the inside of the front hood.
2. Affixed to the lower left side of the front windshield.



Vehicle Identification

3. Affixed to the left B-pillar.
4. Affixed to the left rear wheel housing.
5. Right rear door inner panel.
6. Affixed to the front cross member of the rear floor under the rear seat.
7. Left side of the trunk.

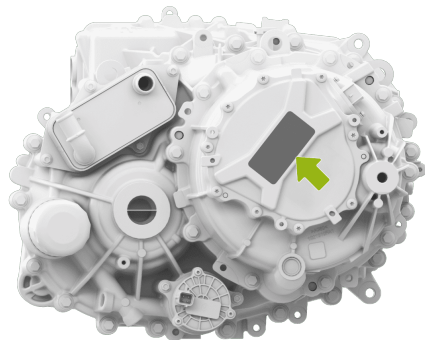
Vehicle Product Nameplate



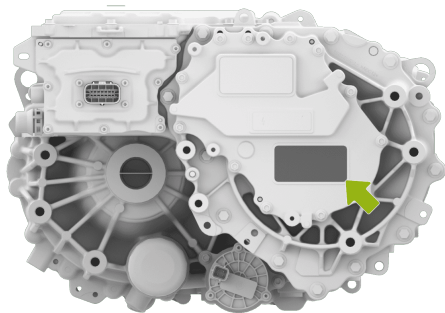
The product nameplate is located below the right B-pillar and can be viewed when the right door is opened.

Drive Motor Model and Number

Front drive motor*



Rear drive motor



The drive motor model and code are presented on the drive motor housing and the drive motor label.

User Information

Vehicle Anti-theft Alarm System

After the vehicle is locked from the outside, the vehicle anti-theft alarm system will enter the

protection status within a period of time. If any one of the doors, front hood and trunk lid is detected to be opened with an invalid key, the vehicle will issue an alarm through lights and horn.

The anti-theft alarm system will be deactivated as the vehicle is unlocked from the outside with a valid key.

caution

- This vehicle is equipped the anti-theft alarm system, but it cannot prevent all thefts and guarantee the absolute safety of the vehicle. You need to pay attention to the safety of personal property at all times, so please do not leave valuables in the vehicle.
- Do not modify the anti-theft alarm system st will, as this may cause the system malfunction or the invalid alarm function.

Parts and Modifications

Introduction



When installing the colored or transparent paint film, you should avoid areas such as ultrasonic radar, MMW radar, surround view camera, high sensitivity camera, etc. Otherwise, the normal use of assisted driving and other related functions may be affected.

MMW radar is located in the front and rear bumpers, so it is prohibited to paint the front and rear bumpers, add coverings and perform other operations at will. Otherwise, the normal use of assisted driving and other related functions may be affected.

It is prohibited to replace, modify or add radar or camera at will. Otherwise, the normal use of the assisted driving and other related functions may be affected by the radio interference generated, resulting in direct or indirect losses, and XPENG will not assume any responsibility. If the radar or camera fails, please go to the XPENG Service Center for repair.

Event Data Recorder (EDR)

This vehicle is equipped with an event data recorder (EDR).

The EDR can automatically record the vehicle operation and the status information of vehicle safety systems within a period of time before and after an event, such as:

- Vehicle speed
- Brake pedal depressed or released
- Longitudinal acceleration
- Driver seat belt status
- Accelerator pedal position, percentage of fully open position
- Power-on cycle during the event
- Power-on cycle when reading
- Complete status of event data record
- Time interval between this event and the last event

Vehicle Identification



Collecting and analyzing the vehicle status data recorded by the EDR, can help to understand the relevant situation before and after the event.

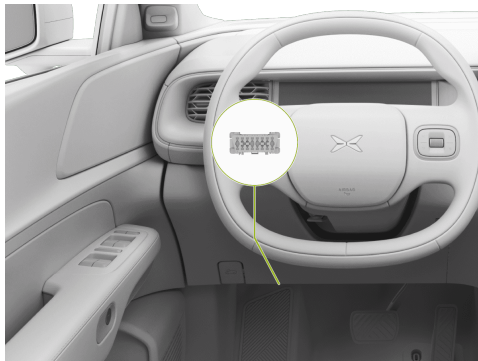
The data recorded by the EDR needs to be collected by using a special diagnostic equipment connected to the OBD. If necessary, please contact the XPENG Service Center to get such equipment.

Data use statement

The EDR data may be used by XPENG for fault diagnosis, product development, and quality improvement. XPENG Service Center will not disclose the data recorded by the EDR to any third parties except in the following cases:

- With the owner's consent
- In compliance with the requirements of administrative and judicial authorities
- In accordance with laws and regulations

On-Board Diagnostic (OBD)



The OBD is located on the lower left of the ICM and can be connected to a scan tool or diagnostic device authorized by XPENG to read the VIN and other vehicle information.



Radio waves windshield



- When pasting necessary labels for traffic regulation compliance, the location around the Radio-controlled equipment should be selected.

The Radio waves equipment is located on the area permeable to radio waves on the windshield.

warning

- The Radio-controlled equipment must not be blocked.