



# ELECTRA

OWNER'S HANDBOOK



# Welcome

Built on the principles of innovation, focus and competitiveness over the decades, Lotus is the driving brand you can trust.

Under the inheritance of the brand gene of intelligence and sports, the unique design of Lotus has been continuously expanded and innovated.

We continue to deliver the original intention of surging power and excellent performance, to meet your driving expectations.

Welcome to the Lotus family.

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# INTRODUCTION I

## User notice

This car is an Electric Vehicle, so please follow the relevant warnings and instructions in this manual when you carry out daily driving and warranty maintenance to avoid damage to the vehicle or personal injury.

Please ensure that this manual is kept in the car for reference at any time. If you sell or loan the car, please transfer this manual to the actual user. The intellectual property rights involved in this manual are owned by Lotus; no part of this manual may be reproduced or duplicated without the prior written consent of the company.

This manual provides you with as much information as possible about the vehicle that you must know, some of which are for reference only and may not belong to the vehicle. All the contents of the manual are the latest version. However, with the continuous update and optimization of the product by Lotus, your vehicle may differ from the description in this manual. Lotus reserves the right to make changes without notice, please update and read the E-manual in the mobile APP in time to know the latest content of the vehicle.

This manual contains the Warranty & Maintenance.

## Prompts and illustrations

### Prompt information

#### **Warning!**

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#### **Personal injury**

Warning signs remind you that the hazard may cause personal injury or danger to your life or to others.

#### **Caution!**

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#### **Risk of vehicle damage**

Emphasize dangerous actions that may cause damage to the vehicle.

#### **Note!**

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#### **Helpful notes**

Here you can find some tips or useful details.

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### Illustration information

Symbols used in pictures in this manual:

- 01: Indicates the object and position.

- : Indicates specific location.
- : Indicates a reversal action.
- : Indicates the direction of movement.
- \*: Indicates the configuration described is optional.

## Vehicle scrapping

Vehicles or parts of those vehicles that have reached the end of their service lives or no longer meet the conditions for road use should be scrapped in accordance with the requirements of national environmental protection regulations and safety measures.

The treatment of an End of Life Vehicle (ELV) or parts of it, requires specific safety measures like on the handling of pyrotechnical components or the high voltage system. Therefore, only authorised treatment facilities for ELVs should treat those ELVs and their parts.

### **Warning!**

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Only authorised treatment facilities for ELVs have the capacity to process ELVs or parts of it. Please contact your local Lotus authorized repairer for the nearest authorised treatment facility.

Batteries and high voltage batteries require treatment by an authorised treatment facility, ONLY. Please contact your local Lotus authorized repairer for the nearest authorised treatment facility.

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## High voltage battery recycling

The authorised Lotus authorized repairer will check the capacity and condition of the high voltage battery. The high voltage battery shall be recycled in accordance with applicable laws and regulations and combined with the market conditions at that time.

### **Warning!**

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- Do not dispose of or discard the used high voltage batteries to avoid accidental fire or serious pollution to the environment.
  - Do not hand over the used power batteries to other units or individuals. You will bear the corresponding responsibilities for environmental pollution or safety accidents caused by disassembling the power batteries without consent.
- 

## Vehicle accessories

Lotus has accurately verified the safety and adaptability of original factory installed parts, modified parts, accessories, and vehicle functions. To ensure the reliability, comfort, and handling of the vehicle, Lotus recommends using original factory installed parts, modified parts, and accessories.

## **⚠ Warning!**

Do not install or modify vehicles without authorization, otherwise it will affect the mobility, safety, or durability of the vehicle, and may also violate local government regulations. Lotus will not be held responsible for any damage, performance issues, or safety accidents caused by unauthorized installation or modification of the vehicle.

## **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;
- Event data record complete status;
- Time interval between this event and the last event;

Collecting and analysing 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 using special diagnostic equipment connected to the vehicle. If necessary, please contact the Lotus Customer Care Centre for this equipment.

Lotus may use the data recorded by the EDR for engineering research, which will help Lotus to continuously improve product quality and safety. The data recorded by the EDR will not be disclosed to 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.

## **Contact Lotus**

If you encounter any problems when using the car, you can contact us by scanning the following two-dimensional code:



You can also visit the website: [qr.lotusca.rs/contact-centre](http://qr.lotusca.rs/contact-centre)

Lotus Cars Europe B.V.

Johan Huizingalaan 400 A 1066JS Amsterdam the Netherlands.

## OTA system upgrade

After upgrade, the Over-the-Air Technology (OTA) will provide you with more new features. Lotus recommends that you should upgrade your car as soon as you receive a notification of upgrade so that you can experience the new features and services in the first time.

Please refer to **OTA system upgrade operation** ( p.277 ) for specific operation and introduction.

## Radio information

The relevant information of radio electronic components of this vehicle is listed below:

Component name / Description	Frequency band	Max transmitted power	Manufacturer name	Manufacturer address
Tyre pressure monitoring sensor	433.92 MHz	0.00012W	Schrader electronics ltd	11 Technology Park, Belfast Road,

Component name / Description	Frequency band	Max transmitted power	Manufacturer name	Manufacturer address
				Antrim, Northern Ireland, BT41 1QS, UK.
TCAM	698 Mhz-5 GHz	1W		
Side obstacle detection radar	76GHz-77 GHz	50dbm	WHST CO., LTD.	Factory 1, Wanchun High-tech Innovation Park, East District of Economic & Technological Development Zone, Wuhu, China
FMDAB amplifier	A,FM: 87.5-108MHz B,DAB: 174.0-240MHz	1.5W	Fuba automotive electronics (Suzhou) Co., LTD.	Building 16 No.859 Pangjin Road, Wujiang Economics & Technologi

Component name / Description	Frequency band	Max transmitted power	Manufacturer name	Manufacturer address
				cal Development Zone Jiangsu Province, China 215200
Occupation detection radar	60GHz-64 GHz	20dbm	WHST CO., LTD.	Factory 1, Wanchun High-thch Innovation Park, East District of Economic & Technological Development Zone, Wuhu, Anhui, China
Flat antenna	A.5G: 698-960MHz; 1,710-2690MHz; 3,300-5,000MHz;	2W	Shanghai antenna Co., LTD	No.376, Lane 1555, Jinshajiang West Road, Jiang qiao Town, Jiading District, Shanghai

Component name / Description	Frequency band	Max transmitted power	Manufacturer name	Manufacturer address
	B.GNSS: 1,561-1,605MHz; C.WIFI: 2,400-2,500MHz; 5,150-5850MHz; D.TPMS: 434±1MHz			
BLE and NFC communication module	2.4GHz	10dbm	Marquardt	
Ultra wide band antenna	6-8GHz	2W	Marquardt	
NFC reader	13.56MHz	2W	Marquardt	
Key fob	2.4GHz, 6-8GHz	5dbm	Marquardt	
NFC reader (inside the car)	13.56MHz	2.5W	Changzhou tenglong autoparts Co., LTD	No.1 Tenglong Road Economic Developme

Component name / Description	Frequency band	Max transmitted power	Manufacturer name	Manufacturer address
				nt Zone, Wujin District, Changzhou, Jiangsu 213149, China
Phone wireless charging	100–148.5KHz	≤24W	Changzhou tenglong autoparts Co., LTD	No.1 Tenglong Road Economic Development Zone, Wujin District, Changzhou, Jiangsu 213149, China
RADAR — LONG RANGE	76–77GHz	50dbm	Freotech intelligent systems Co., LTD.	No.6 Building, No.420, Xingfa Road, Wuzhen Town, Tongxiang, Jiaxing City, 314501 Zhejiang P.R China

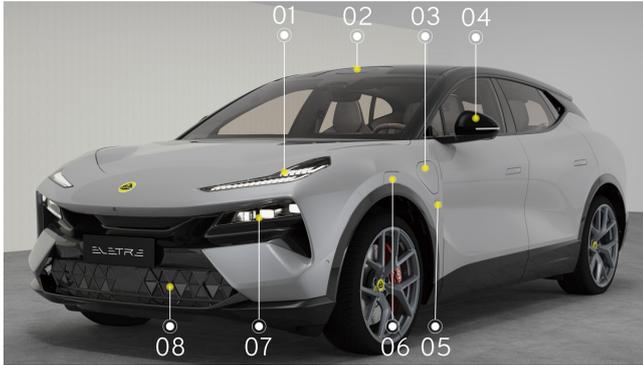
Component name / Description	Frequency band	Max transmitted power	Manufacturer name	Manufacturer address
Infotainment head unit			ECARX	



EVIA

# OVERVIEW I

## Front of vehicle



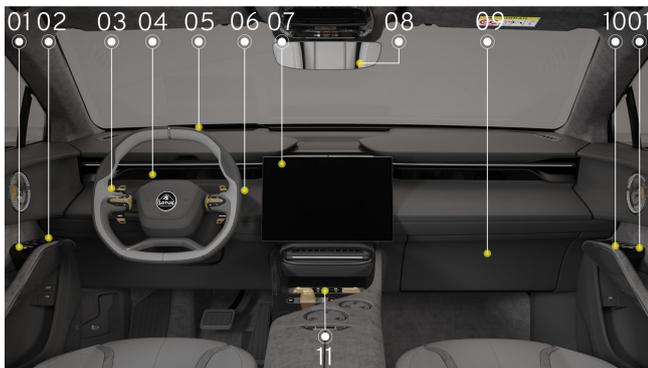
1. Integrated daytime running lamps ( p.97 )
2. Front lidar ( p.195 )
3. Integrated charging port ( p.51 )
4. Outside mirror ( p.110 )
5. Outside rear DVR camera ( p.195 )
6. Front side lidar ( p.195 )
7. Hidden headlamp ( p.97 )
8. Active grille shutter (AGS)( p.189 )

## Rear of vehicle



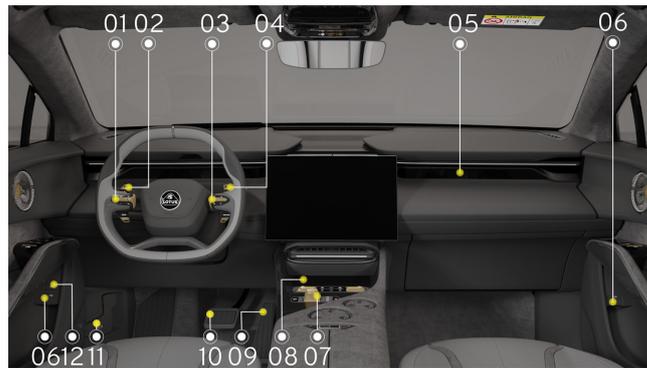
1. High mounted stop lamp
2. Rear lidar ( p.195 )
3. Through-type RGB variable beam tail light
4. Active rear spoiler\* ( p.181 )
5. Rear position light/direction indicator lamps

## Internal



1. Door opening/closing ( p.61 )
2. Window control switch/child safety lock/outside mirror adjustment switch ( p.69 ) ( p.41 ) ( p.110 )
3. Light stalk ( p.97 )
4. Driver instrument cluster ( p.84 )
5. Head-up display (HUD) ( p.94 )
6. Wiper combination switch ( p.107 )
7. Centre display ( p.258 )
8. Inside mirror ( p.120 )
9. Glove box ( p.157 )

10. Front passenger window control switch ( p.69 )
11. Combination switch on tunnel console ( p.61 ) ( p.136 )



1. Buttons on left side of steering wheel ( p.80 )
2. Energy recovery paddle ( p.192 )
3. Buttons on right side of steering wheel ( p.80 )
4. Driving mode paddle ( p.186 )
5. Passenger screen display ( p.84 )
6. Interior door release ( p.61 )
7. Gear selector ( p.178 )
8. Sensing area for wireless charging ( p.150 )
9. Accelerator pedal
10. Brake pedal

11. Bonnet release ( p.73 )
12. Tailgate opening/closing ( p.74 )



SAFETY I

# Seat belt

## Function of seat belt

Wearing the seat belt correctly can restrain the driver and passengers in a limited position. This can effectively protect the safety of the drivers and passengers in the event of a collision.

Before each trip, the driver and passengers should fasten their seat belts in the correct way to avoid serious casualties caused by accidents.

### Warning!

- Never clip or attach the seat belt to other internal connectors, as this may cause the seat belt not to tighten properly.
- Seat belts are designed for adults. To ensure the safety of children, children who are younger than 12 years old or less than 1.5 meters tall should take child safety seats.
- Only one person is allowed per seat belt, and one seat belt should not be shared between multiple people.
- Do not modify, remove seat belts or install equipment that may change the direction or tension of the seat belts.

## Using the seatbelts correctly

Wearing seat belts is the effective way to protect the passengers in the vehicle in the event of a collision. Therefore, seat belts must be worn according to the laws.



A seat belt reminder and alarm will sound if a seat belt is not fastened. A heavy object placed on a seat may also activate the reminder and alarm. Do not place any large or heavy objects unsecured in the vehicle.

### Seat belt shoulder height adjuster



Press and hold the release switch to move the seat belt shoulder height adjuster up and down, which can be adjusted to the proper position according to your requirements so that the seat belt can fit the shoulder better.

#### **⚠ Warning!**

Never adjust the seat belt shoulder height adjuster while driving, so as to avoid accidents.

#### **ⓘ Note!**

After the adjustment, check if the seat belt shoulder height adjuster locks securely.

### Seat belt pretensioner

When a vehicle is involved in a collision (depending on the angle and severity of the collision), the seat belt pretensioner operates simultaneously with the airbag, thereby reducing the forward leaning of the passenger.

When the belt pretensioner detonates, a small amount of dust (smoke) will be released and a loud sound may be made. This is normal and will not cause a fire. Prolonged exposure to smoke and dust from the ignition of the pretensioner may cause skin or eye discomfort.

#### **⚠ Warning!**

- Do not touch the belt pretensioner after it detonates. After a collision, the pretensioner will become hot and may burn your skin.
- If your eyes and skin are affected by dust (smoke), flush them immediately.
- The seat belt pretensioner must be replaced if activated. After an accident, airbags, seat belt pretensioner and other related components must be inspected and replaced at a Lotus authorized repairer, if necessary.

## **ⓘ Note!**

If the pretensors and airbags don't activate during a crash, the impact may not be strong enough to require activation.

### **Proper way to wear seat belts**

1. Pull out the seat belt, pull it over the entire shoulder obliquely and then across the chest to ensure that the seat belt is flat without twist.



2. Press the seatbelt latch into the buckle until you hear a "click" sound. Pull the latch to make sure it is locked.
3. Adjust the belt shoulder height adjuster to fit the shoulder belt close to the shoulder.

4. Pull the shoulder strap upward to partially tighten the lap belt.
5. Press the red button on the buckle to disengage the seat belt and automatically retract it to a condition out of service.



## **⚠ Warning!**

- If you notice signs of wear, cracking or other damage to your seat belts, be sure to contact a Lotus authorized repairer for replacement.
- Avoid contact with chemicals and liquids. If the seat belt cannot be retracted or it is locked in the buckle and cannot be removed, be sure to contact a Lotus repairer for repairs.

- Do not insert anything into the buckle except the latch fitted to the vehicle, otherwise the buckle may fail, reducing the protective effect of the seat belt, and causing serious injury.
- When the seat belt is not in use, it should be fully retracted and never draped. If the seat belt cannot be fully retracted, be sure to contact a Lotus repairer for an overhaul.
- People with disabilities should also wear seat belts correctly when riding. If there are special circumstances, consult a doctor for better advice.

### Caution!

Before closing the doors, make sure that the doors will not catch the seat belt or latch to avoid damage to the vehicle, seat belt or lock tongue.

### Note!

When you pull the seat belt over your body at a faster speed, it may cause the seat belt to be locked. In this case, just retract part of the seat belt to unlock it, and then slowly pull it over the body.

### **Pregnant women wearing seat belt**

Pregnant women wearing seat belts correctly can effectively reduce the injuries to them and their foetuses in the event of a collision or sudden stop.



Pull the seat belt over your chest and keep the lap belt as low as possible under the abdomen, so that the seat belt can fit closely with your body.

Pregnant women should adjust the position of the driver seat and steering wheel when driving the vehicle, and increase the distance between the abdomen and the steering wheel as much as possible, but ensure that the accelerator pedal, brake pedal and steering wheel can still be easily operated while driving.

### Note!

If a pregnant women intends to drive the vehicle, please consult a doctor in advance.

# Airbag introduction

## Function of airbag

Airbags are important parts of the assisted safety systems. In the event of a frontal collision, the frontal airbag can protect the driver and front passenger and avoid or reduce secondary collision injuries; in the event of a side collision, the curtain airbag and the side airbag can provide support and protection for the head, chest and hip, while the central airbag can prevent or reduce injuries suffered by the driver and front passenger due to collision; when rollover occurs, the curtain airbag helps protect occupants from being thrown out of the vehicle.

### Warning!

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If the airbag warning lamp  stays on after the vehicle is powered on, be sure to pull over and contact Lotus Customer Care Centre immediately.

### Warning!

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- After the airbag is deployed due to a vehicle collision, it is necessary to go to the Lotus Customer Care Centre in time to replace it; if the airbag is not deployed, it is still necessary to go to the Lotus Customer Care Centre for inspection.

- Drivers and passengers must keep a proper distance from the airbag to avoid injuries caused by too close a distance when the airbag is deployed.
  - Always hold the steering wheel while driving the vehicle to minimize injuries to your hand or arm caused by airbag deployment.
  - Never carry anything, children or pets in a front passenger seat.
  - Do not install items such as navigation device or mobile phone holder between the passenger instrument cluster and the windscreen, and do not lean body parts such as legs or feet against the passenger instrument cluster.
  - Do not install radio equipment within the deployment range of the airbag to avoid radio signals affecting the normal deployment of the airbag.
  - Do not attach a sheath, cushion or other item to the front seats, which may reduce the timeliness of the airbag deployment from the seats.
  - Do not vigorously tap the airbag area in the centre of the steering wheel.
  - Do not remove the steering wheel without permission.
  - Never change components or cables of the airbag system personally without permission.
-

## Airbag warning sign

The passenger sunshade has airbag warning signs on the inside and outside. The sign acts to remind you not to use the rear-facing child restraint system in the front passenger seat (with the passenger frontal airbag on).



## Location of airbag



1. Driver frontal airbag

## 2. Passenger frontal airbag



1. Passenger side airbag
2. Curtain airbag
3. Driver side airbag
4. Central airbag

## Airbag deployment conditions

When the vehicle is hit from the front or side, only if the trigger conditions for the system are met the airbags will be deployed to mitigate the impact on the passengers.

## **Warning!**

Airbags may produce dust (fumes) when unfolded, and prolonged exposure to the dust (fumes) may cause skin or eye discomfort. If the eyes and skin are affected by fumes and dust, rinse the eyes and skin immediately with clean water.

### Cases when airbag may not be deployed

The deployment conditions of the airbag depend on the strength of the collision collected by the collision sensors at the time of the accident. Therefore, whether the airbag is deployed is not judged according to the degree of damage to the vehicle.

Airbags may not unfold in any of the following situations:

- In case of rear-end collision, side collision or roll-over, the front airbag will not be deployed.
- If the deceleration or braking force does not meet the airbag sensor trigger condition, the airbag and curtain airbag may not unfold. Such collisions include crashing into a flexible object (such as a snow pile or bush), crashing into a hard fixed object at a low speed, and colliding of two vehicles running at relatively low speeds.
- The vehicle under-runs into the underbody of a truck, but the collision force does not meet the triggering conditions of the airbag sensor.

- The collision point is concentrated in one location (e.g., trees or protective poles) and the impact force is not strong enough to be transmitted to the airbag sensor.
- Supplemental Restraint System (SRS) has failed.

## Airbag disabling



The passenger frontal airbag is turned on by default, and when the front passenger seat has a reverse-mounted child seat, a vehicle crash can cause personal injury and unnecessary financial loss when the airbag pops out. When installing the child safety seat in the passenger seat, be sure to click the  icon in the Centre stack display and select **Safety** to manually turn off the front passenger airbag.



1. The front passenger airbag indicator has been turned on
2. The front passenger airbag indicator has been turned off

When the vehicle is in the READY state, switch gears to D, N or R, and when the passenger frontal airbag is turned on/off, the status of the front passenger airbag will be displayed near the front reading light. When the gear lever is shifted to P, the indicator will be turned off.

## Children in car

### Child passenger safety guide

If there is a child passenger in your car, be sure to install a child safety seat on the rear seat and let the child sit on the child safety

seat instead of holding or sitting on your lap, which can ensure the safety of children in a better way.

To ensure safety and stability, Lotus recommends that you should use a child safety seat that is suitable for children and complies with applicable regulations or standards.

## **⚠ Warning!**

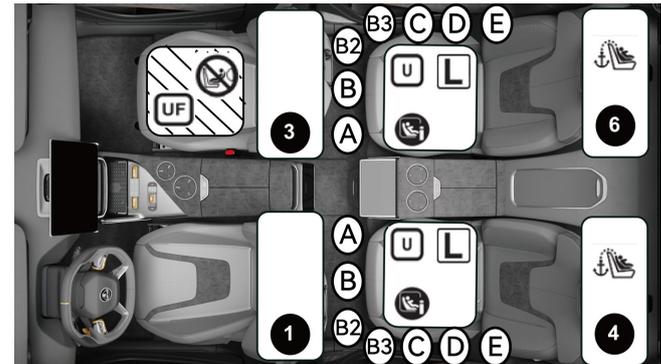
- Adults in the vehicle should be responsible for the safety of the children passengers.
- Do not allow children to stand or kneel in the seat, or to stay in the boot. Failure to do so may lead to personal injury in the event of a collision or sudden braking.
- Do not leave children alone in the vehicle unattended.
- Do not allow children to use the car key, otherwise children may cause personal injury or car damage due to misuse.
- Please turn on the child safety lock before driving to prevent children from opening any door or window accidentally.
- Do not allow more than one child to share the child safety seat at the same time.
- Make sure there are no hard or sharp objects on the child safety seat to prevent personal injury in the event of an accident.

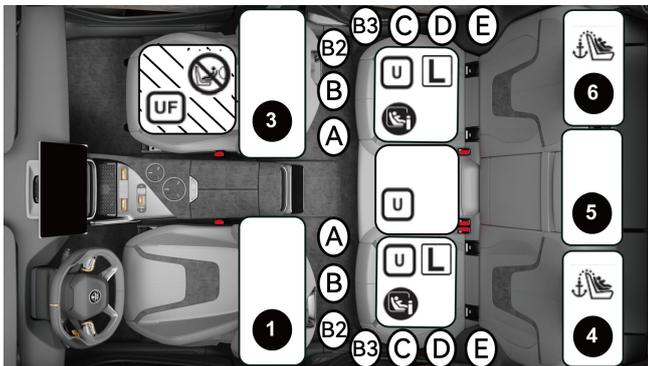
## Child safety seat

Please use a child safety seat that is suitable for children and complies with applicable regulations or standards.

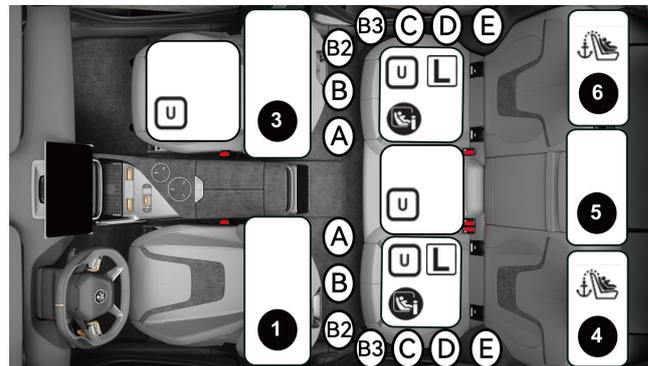
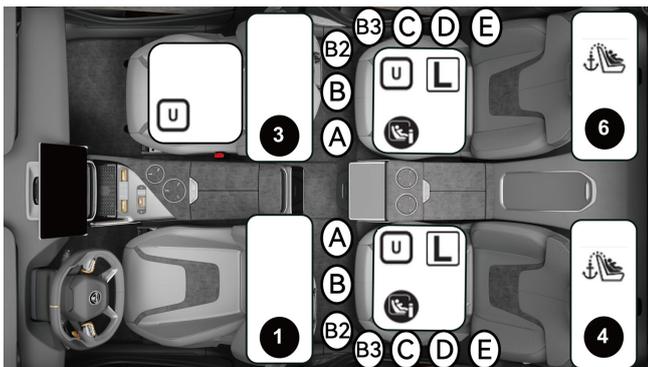
Never use a rearward facing child seat on the seat protected by an active airbag in front of it, death or serious injury to the child can occur.

Passenger front frontal airbag on.





Passenger front frontal airbag off.



Suitable for “universal” category restraint approved for use in this mass group .



Suitable for forward facing “universal” category restraints approved for use in this mass group .



Suitable for particular child restraints given on attached list. These restraints may be of the “specific vehicle”, “restricted” or “semi-universal” categories .



Suitable for i-Size and ISOFIX child restraint system .



Seat position with top tether anchorages .



Suitable for forward facing child restraint system.



Do not install a rear facing child restraint system.



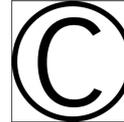
ISO/F3: forward-facing child restraint system suitable for taller children.



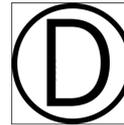
ISO/B2: rear-facing toddler restraint system with full size.



ISO/B3: forward-facing toddler restraint system with full size.



ISO/R3: rear-facing toddler restraint system with reduced size.



ISO/R2: rear-facing toddler restraint system with reduced size.



ISO/R1: rear-facing infant restraint system.

### **⚠ Warning!**

- It is important to properly secure the child safety seat to avoid personal injury or death in the event of a collision or sudden braking.
- When installing a child safety seat on front passenger seat, adjust the front passenger seat to an appropriate height as much as possible.

- When installing a child safety seat, adjust the backrest angle of the seat reasonably to ensure stability of the child safety seat.
- When installing a child safety seat, adjust the height of the headrest reasonably to avoid interference with the child safety seat.
- If a child safety seat is installed on rear seat, the driver and front passenger shall keep a safe distance between his/her seat and the child safety seat when adjusting the seat forward/backward or backrest angle.
- Never use one tether or one lower anchorage to fit more than one child seat. Multiple seats can stress the tethers/anchorages and may cause the tethers or anchorages to break, resulting in serious personal injury or death.
- The child seat anchorage can only withstand the loads created by a properly installed child seat. Under no circumstances should the above anchorage be used as an adult seat belt or seat harness. Otherwise, injury may be caused in a vehicle collision.
- When a child is sitting in a safety seat, parents should check the tethers on the safety seat to ensure that they are intact and not damaged.
- Be sure to choose a safety seat that is suitable for the age, size and weight of the children to ensure that the child's neck and head are effectively supported.

## **ⓘ Note!**

- Top tethers apply to forward-facing child safety seat. Lotus recommends that smaller children should be seated in a rear-facing child safety seat as much as possible.
- The rear seat angle can be adjusted if necessary to facilitate the installation of the top tether.

### **Recommended child restraint system — Secured with the vehicle seat belt**

<b>Weight class</b>	<b>Manufacturer</b>	<b>Type</b>	<b>Authorisation number</b>
Group 0 & 0+ Up to 13 Kg	Maxi Cosi	Pebble 360	030063
Group I 9 — 18 Kg	—	—	—
Group II 15 — 25 Kg	Graco	Booster Basic	E11 – 0444165
Group III 22 — 36 Kg	Graco	Booster Basic	E11 – 0444165

Recommended child restraint system — Secured with i-Size and ISOFIX syste			
Weight class	Manufacturer	Type	Authorisation number
Group 0 & 0+ Up to 13 Kg	Maxi Cosi	Pebble 360 + FamilyFix 360 base	030063
Group I 9 — 18 Kg	Britax Römer	Trifix2 I-size	129R – 010015
Group II 15 — 25 Kg	Britax Römer	Kidfix I-Size	E1 129R03 / 04 0061 01
Group III 22 — 36 Kg	Britax Römer	Kidfix I-Size	E1 129R03 / 04 0061 01

CRS categories	Seat position / Seat number					
	Driver	Passenger <sup>4)</sup>		Rear outboard		
	1	3		Left	Centre	Right
			Airbag ON <sup>2)</sup>	Airbag OFF	4 <sup>5)</sup>	5 <sup>3)</sup> 5)
Universal belted	No	No	Yes	Yes	Yes	Yes

CRS categories	Seat position / Seat number					
	Driver	Passenger <sup>4)</sup>		Rear outboard		
	1	3		Left	Centre	Right
			Airbag ON <sup>2)</sup>	Airbag OFF	4 <sup>5)</sup>	5 <sup>3)</sup> 5)
CRS <sup>1)</sup> (Yes/No)						
Carry-cot (Lateral Forward facing ISOFIX CRS) (L1/L2)	No	No	No	No	No	No
Largest suitable rearward-facing CRS (R1/R2X/R2/R3)	No	No	No	C (R3)	No	C (R3)
Largest suitable forward-facing CRS	No	No	No	A (F3)	No	A (F3)

CRS categories	Seat position / Seat number					
	Driver	Passenger <sup>4)</sup>		Rear outboard		
	1	3		Left	Centre	Right
		Airbag ON <sup>2)</sup>	Airbag OFF	4 <sup>5)</sup>	5 <sup>3)</sup> 5)	6 <sup>5)</sup>
(F2X/F2/F3)						
Largest suitable booster CRS	No	No	B2/B3	B2/B3	No	B2/B3
i-Size CRS (Yes/No)	No	No	Yes	No	No	Yes
Seat position equipped with top tether (Yes/No)	No	No	Yes	No	No	Yes
Yes: suitable for fitment of the designated category of CRS; No: Not suitable for fitment of the designated category of CRS.						

Remarks:

Do not place a rearward-facing child seat on the passenger seat when the airbag is activated

1) The universal belted CRS applies to all mass groups;

2) Only forward-facing child restraint system;

3) Seat 5 is only available for vehicles with 3 rear seats and is only suitable for installing child restraint system secured with vehicles seat belt;

4) When installing a CRS on the front passenger seat, the below instructions need to be followed:

- In use of a rearward facing child, adjust the front passenger seat rearward that the child restraint system does not interfere with the instrument panel or adjust the seat position fully rearward.
- In use of a rearward facing child seat adjust the passenger seat height to the highest position.
- In use of an ISO B2/B3 child restraint system, adjust the seat height of the passenger seat to the lowest position.
- Adjust the front passenger seatback to make the child restraint system be installed stable. The backrest of the child restraint system must lie as flat as possible against the back rest of the vehicle seat.
- Adjust the seat belt anchorage to the third adjustment position up from lowest position.
- Adjust the headrest upward to prevent interference with the child restraint system.

5) When installing a CRS on the second-row seat, the below instructions need to be followed:

- Adjust the front passenger seat slide to its mid position in case there is an interaction between the child seat, child and the respective front seat.

- Adjust the CRS seat back angle to make the child seat be installed stable. The backrest of the child restraint system must lie as flat as possible against the back rest of the vehicle seat.
- Adjust or remove the rear seat headrest to prevent interference with the CRS.
- Store the headrest in the luggage compartment for safe transportation after removal. The headrest must be installed to the rear seats after the CRS is removed from the vehicle.

Mass level	Size category	Child restraint system
Group 0 0–10kg	F	ISO/L1
	G	ISO/L2
	E	ISO/R1
Group 0+ 0–13kg	C	ISO/R3
	D	ISO/R2
	E	ISO/R1
Group I 9–18kg	A	ISO/F3
	B	ISO/F2
	B1	ISO/F2X
	C	ISO/R3

Mass level	Size category	Child restraint system
	D	ISO/R2
Group II 15–25kg	B2/B3	ISO/B2/B3
Group III 22–36kg	B2/B3	ISO/B2/B3

#### Installation of I-Size child safety seat for five seater models



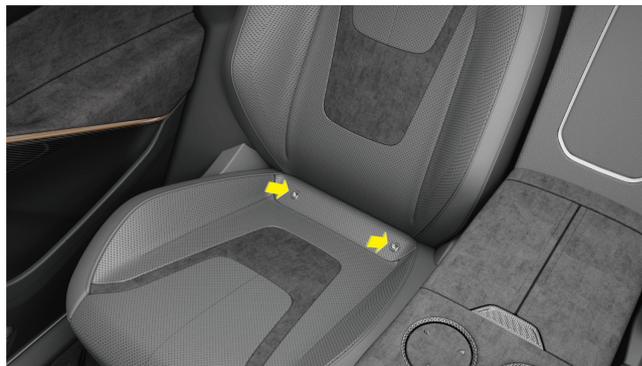
I-Size anchorages are located in the two rear outer seats, and the I-Size logo is imprint on anchorage connection points.



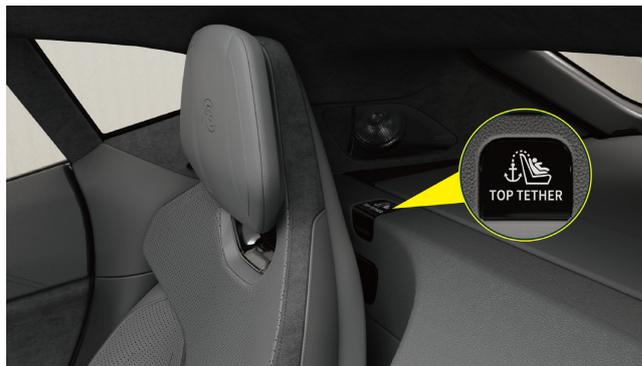
The top tether fixture is located behind the rear seat backrest.

Observe the installation instructions for the child safety seat and use I-Size anchorages.

#### Installation of I-Size child safety seat for four-seater models\*



I-Size anchorages are located in the two rear outer seats, and the I-Size logo is printed on the cover of the anchorages.



The top tether fixture is located behind the rear seat headrest.

Observe the installation instructions for the child safety seat and use I-Size anchorages.

## Child safety lock

The rear doors of the vehicle are equipped with child safety locks, which can prevent children from opening the doors with the electric release switch or the emergency handle, thus reducing the risk of accidents.



1. Rear left child safety lock switch
2. Rear right child safety lock switch

Press and open the child safety lock on one side, and the corresponding door and window buttons in the rear row are

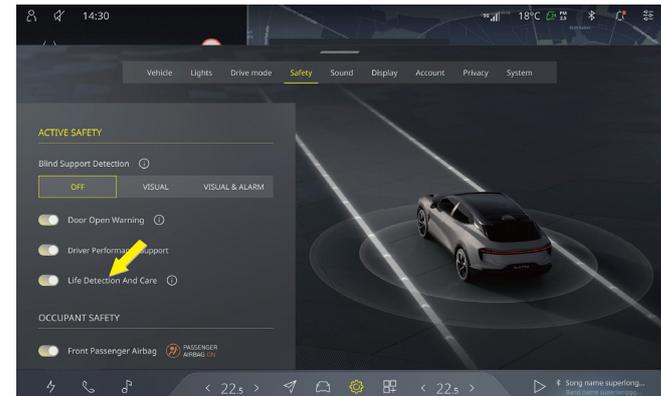
disabled. By pressing the child safety lock switch again, the child safety lock will be deactivated, and the related functions will be restored.

## **i** Note!

In the event of a collision, the child safety lock will be unlocked immediately.

## Life detection and care

The vehicle is equipped with life detection and care, which monitors whether there are children or pets stranded inside after you lock and leave the vehicle. If this happens, the system will send a series of alarms to remind you.



This function is enabled by default, you can click the  icon in the CSD, select **Safety** , and select to enable or disable this function. After this function is disabled, there will be corresponding information prompts displayed on the instrument cluster.

With this function on, if it is detected that there are children or pets left in the car for too long, the system will issue a corresponding alarm and push a message to your mobile APP to remind you to deal with the situation in time. The alarms issued by the system are divided into different levels. The higher the level, the higher the danger in the car.

- Level 1 alarm: The vehicle will turn on the hazard warning lamp and horn alarm, and send corresponding prompt information to your mobile APP.
- Level 2 alarm: If you have not taken any measures at this time, the vehicle will continuously trigger the hazard warning lamp and horn alarm at the frequency of once every minute.
- Level 3 alarm: If you have not taken any measures after the level 2 alarm is triggered for a period of time and the system detects that the temperature in the vehicle is too high, the system will automatically open the window to cool down and activate the E-call function; At this time, your mobile APP will also receive the corresponding prompt message sent by the system.

### Note!

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The life detection and care only serves as an aid to determine whether there are children or pets left in the vehicle, and the system may misjudge or miss judgement under certain special circumstances. Before leaving the vehicle, the drive should make sure that no children or pets are left in the vehicle.

### Note!

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The Life Detection and Care function does not work properly when:

- The stranded children or pets are covered by some coverings, which is beyond the recognition capability of the system;
  - Stranded children or pets are in a functional blind spot for life detection and care;
  - The vibration of some items in the vehicle, such as clothes hanging on coat hooks or stuffed toys placed, may interfere with the system's judgement and produce misjudgements.
  - System failure (such as camera, radar, braking, steering, etc.)
- 

## Lotus security system V

The functions of the Lotus security system V can prevent others from illegally entering and starting your vehicle.

## Caution!

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- Do not modify the Lotus security system V without permission, so as to avoid the normal operation of the system or the failure of the alarm function.
  - The vehicle is provided with a Lotus security system V, but it cannot prevent all thefts and guarantee the absolute safety of the vehicle. You should always be mindful of the safety of your personal property and do not leave valuables in the car.
- 

### Vehicle locking & anti-theft

If you lock the vehicle from the outside, the Lotus security system V will enter set status after a period time. If any one of the doors, bonnet and boot lid is detected to be opened with an invalid key, the left and right direction indicator lamps will flash and the BBS will sound to issue an alarm.

If the vehicle is unlocked from the outside with a valid key, the vehicle anti-theft system will be deactivated.

## Note!

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- When the Lotus security system V is turned on and the system detects that the vehicle is in the operation of being lifted, the system will alarm.

- When the vehicle is in a fortified state, cut off the power supply (battery) of the burglar alarm, and the system will alarm.
- 

### Steering electronic lock

The steering electronic lock is an anti-theft protection device. After it is turned on, the steering wheel of the vehicle will be locked, so as to prevent the vehicle from being started by any unauthorized personnel and ensure the safety of the vehicle better.

When the vehicle is locked from the outside or the vehicle is not switched to the READY state after a period of unlocking, the steering electronic lock will be enabled automatically; after unlocking the vehicle or switching the vehicle to the READY state, the steering electronic lock will be released automatically.

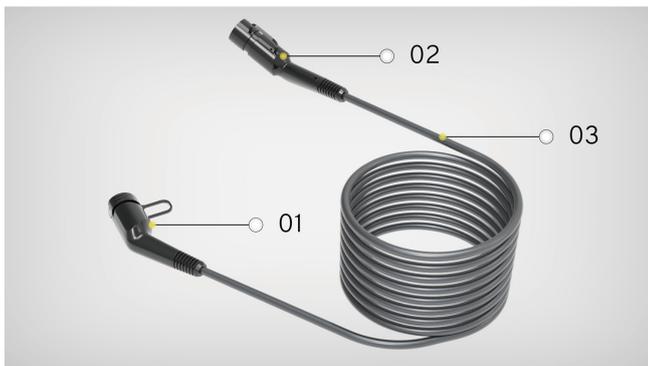


DEVICE I

# Charging

## Charging cable

The charging cable is stored in the pocket under boot floor and used with the charging pile of shutter version.



1. Vehicle connector
2. Charging station plug
3. Cable

### **⚠ Warning!**

- Do not use the charging cable with an extension cable or an adapter.

- If the connector is smoking or melting, never touch the charging cable. If possible, stop the charging process. Press the emergency stop switch on the charging station in any case.
- Make sure that the charging cable is out of the reach of children.
- When the charging cable is not being used, always keep put on the protective caps.
- Only clean the charging cable when it is not connected to the vehicle.
- Never use abrasive cleaning agents, water jet or steam jet cleaners.
- Never submerge the charging cable in liquids.

## Charging preparation

After entering the vehicle, when you find the low battery warning indicator  on the instrument cluster is illuminated accompanied with text prompts, the car must be charged in time.

The integrated charging port is located at the front left side of the vehicle, and the charging port cover can be opened or closed in the following ways:

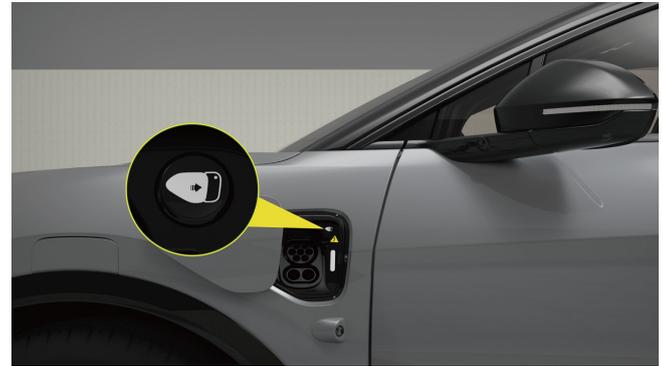
- Unlock the vehicle with a valid key, press the outside of the charging port cover, and the cover will open automatically; Press the cover closing button or lock the vehicle, and the cover will be closed automatically.

## ⓘ Note!

When the opening and closing speed of the charging port cover plate is significantly slowed down, it is the position fault of the charging port cover plate and is in a self-learning state.



Open the charging port cover



Cover closing button

- Click the  icon in the CSD, select the integrated charging port cover switch to automatically open or close the cover.



## Warning!

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- Unlock the vehicle before inserting/pulling out the charging gun. Always insert/pull out the charging gun upright without any skewing, shaking and violence.
- During charging, if strong pungent odour emits from the charging port, stop charging immediately.
- Never allow minors to release or use the charging device.
- Ice and snow in the area of the charging port cover will affect the opening of the cover. Please manually clean up the ice layer to facilitate the opening of the charging port cover.
- When the area of charging port cover is frozen or blocked, do not force the charging port cover to open, otherwise the charging port cover may be damaged.
- Before charging, check the metal jack of the charging port, the charging plug or the charging connector for water stains and other impurities. Power off the vehicle and remove them before recharging.
- If the charging port or the metal jack of the charging plug is corroded, deformed, cracked, etc., it is forbidden to charge the vehicle or use the charging device.
- If you have implanted electronic medical equipment such as a cardiac pacemaker or cardiovascular defibrillator, please do not enter or stay in the vehicle while the vehicle is charging,

otherwise the function of the electronic medical equipment may be affected, resulting in personal injury or death.

- Never remove or modify the charging port or charging device.
- After charging, close the charging cover in time to prevent the ingress of rain, snow or other impurities.
- Do not charge when the connection between the charging plug and the socket is not secure.
- In the event of thunderstorms, it is recommended to stop charging the vehicle, because lightning may cause damage to the charging device.

## Caution!

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When the ambient temperature is below -20°C, do not use AC charging equipment with power of 3.3kW or less (including on-board charger) to charge the vehicle, so as to avoid depleted battery.

## Note!

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- The car can only be charged when parked, and cannot be charged during running or software upgrade.
  - Shifting is not possible while the car is charging.
-

## Charging settings



Charging setting interface

Click the  icon on the CSD to select the **Charging** APP and enter the charging setting interface.

Charge limit: Drag the scale of the mark to charge limit slider to set the charging amount.

Max. current for ac charging: Select the maximum AC charging current as required.

Pause/resume charging: Click the **STOP** button to stop charging; click the **RESTART** button to resume charging.

## Note!

- The minimum charging limit can be set to 50% and the maximum can be set to 100%; the charging current is available in 4 levels.
- When charging the power battery temperature is too low or the use of air conditioning, the charging time will be extended; Too high a power battery will also slow down the charging speed.
- When the charging trip, it may be caused by fluctuations in the power grid. The charging current can be appropriately reduced by referring to the charging current displayed on the central display screen to ensure normal charging. If the trip continues, please contact the Lotus authorized repairer.

## Drive battery temperature management



Charging setting interface

When the ambient temperature is lower than 0°C or higher than 40°C, you can click the  icon on the CSD to select the **Charging** APP and enter the charging setting interface to enable battery heat preservation.

The heat preservation of battery can maintain the high voltage battery at the appropriate working temperature and ensure its performance at a low temperature.

### Note!

- After the battery heat preservation is activated, the vehicle may turn on thermal management to actively adjust the battery

temperature within 24 hours after parking, so a certain amount of electric energy will be consumed.

- When navigating the charging pile on the CSD, the power battery automatically performs thermal management and can be charged more efficiently after arriving at the charging pile.

## Battery preheating at low temperature

The battery preheating function at low temperature can prevent the service life attenuation of the high voltage battery caused by low temperature charging and make the temperature of the high voltage battery satisfy the needs for fast charging. When the high voltage battery is lower than a certain temperature, it can be heated to the specified temperature through the charging device.

After heating to the specified temperature, the charging mode is entered automatically. The voltage and current of the battery during preheating can be checked via the mobile APP or the CSD.

### Note!

- If the preheating function of high voltage battery fails or is abnormal, please contact the Lotus authorized repairer in a timely manner.
- If you need to use the vehicle in a low temperature environment, please use it as soon as possible after the preheating of the

high voltage battery. Long-term parking will reduce the heating effect.

## Charging guidance

During the charging, the charging status of the car can be known through the following indication:

- Instrument cluster
- Centre Stack Display (CSD)
- Mobile App
- Charging port indicator



Charging port indicator

White (always on): Indicates that the indicator lamp is illuminated automatically when the charging port cover is opened.

Green (flash): The charging is normal within a period of time after the charging plug is connected.

Green: The charge is complete and lasts for 2 minutes.

Orange (always on): Indicates that the battery preheating function is activated.

Red: Failure occurred for 2 minutes during charging.

### **i** Note!

During normal charging, the instrument cluster and tail lamp will show the flowing water effect. In case of charging fault, the charging will be stopped, and the instrument cluster will turn red, accompanied with a fault prompt.

### Charging with charging pile

1. Remove the charging plug from the charging pile, and insert it into the integrated charging port properly, at which point the electronic lock will be enabled automatically.
2. Operate according to instructions on the charging pile to start charging the car.

### **Note!**

The vehicle cannot be charged if the electronic lock is not locked. In this case, you can try to pull out the charging plug to check whether the electronic lock is locked.

3. During charging, you can swipe the card to stop charging or select Stop Charging on the central stack display or mobile App; After charging, you can unlock the electronic lock by using a valid key or central unlock switch and then remove the charging plug from the vehicle.

### **Note!**

After charging is stopped, you can choose Resume Charging, and it is recommended that you use a Lotus AC charging device to resume charging.

4. Press the cover closing button to automatically close the charging port cover and return the charging plug to the charging pile.

### **Warning!**

- When charging with a charging pile, be sure to abide by relevant regulations of the charging station.
- Before charging, confirm that the charging pile complies with the latest national standards.

- When encountering an emergency during charging, press the emergency stop button on the charging device to stop charging.
- Considering the differences in understanding of the national charging standards by charging pile manufacturers of various brands, there is possibility that certain charging piles cannot be used for charging. In this condition, please try to re-connect the charging plug or change the charging pile before charging.

#### **Emergency unlocking of electronic lock**



The emergency rope of the electronic lock is placed at the upper hinge of the driver's door.

## Warning!

When using the emergency rope of the electronic lock, please fully open the door and keep it still to avoid pinching your fingers.

## Note!

If the charging plug cannot be pulled out due to vehicle power outage or electronic lock failure, the emergency rope can be pulled to unlock it.

### Emergency opening of the charging port cover

When the charging port cover cannot be opened normally, follow the steps below to open the charging port cover in an emergency:

1. Open the bonnet( p.73 ).
2. Remove the rear trim panel on the corresponding side of the charging port cover.



3. Push the locking lever of the charging port cover backward to unlock the charging port cover, then pull it out from the gap and open the charging port cover.





### Super fast charging

Super fast charging is only available at Lotus DC charging piles. The pile starts to charge the car immediately it is connected. If you need to use super charging, you can make an appointment in the navigation on the CSD or on the mobile App, and click to drop the parking lock. For charging procedures, refer to **Charging with charging pile with fixed charging cable** ( p.51 ).

## Key introduction

### Card key



#### Exterior card key sensing area

**Unlock:** in the vehicle locked state, unlock the vehicle by holding the card key close to the exterior key sensing area.

**Lock:** when the vehicle is unlocked with all doors (including the bonnet, tailgate) closed, hold the card key close to the exterior key sensing area to lock the car.

## ! Caution!

- If any one of the card keys is lost or to order additional card key, please contact the Lotus Customer Care Centre.
- A maximum of 6 card keys per vehicle are available.
- The card key may be damaged if bent or exposed to strong magnetic fields.

## i Note!

- When using the card key to unlock/lock the vehicle, it is necessary to stay stationary and close to the exterior card key sensing area.
- If the card key sensing area is contaminated ie Dirt, Frost etc, the key may not lock/unlock the vehicle.
- In a low temperature or high temperature environment, the function of the card key may be affected. If unlocking fails, please try to keep the card key completely away from the area, and then stand the card key close to the induction area to unlock. If still unable to unlock please contact the Lotus Customer Care Centre.

## Key fob



1. Single button
2. LED indicator
3. Bluetooth antenna

With the key fob in range of the car, press the button to achieve the following unlock/locking actions:

- When the vehicle is unlocked and the four doors are closed, press a single button to lock the vehicle.
- When the vehicle is locked, press and release the single button to unlock the vehicle.

## Note!

- If the remote control key is insensitive, try it again by directing not at the Bluetooth antenna with the remote control key held in your hand.
  - After the vehicle is locked or unlocked by pressing and releasing the single button once, the locked or unlocked status of vehicle will not change within a period of time, which means another press and release will not work.
  - After the **two-step unlocking** ( p.61 ) function is activated, press and release the single button once to unlock the driver door, and then press the single button again to unlock the vehicle.
- 
- When the vehicle is unlocked and the four doors are closed, press the single button and release it. Press again and hold it to completely close the window while locking the vehicle.

## Note!

When the **Auto close windows on lock** ( p.69 ) setting is opened, press a single button to lock the vehicle and windows will automatically close completely.

- When the vehicle is locked, press the single button once and release it. Press again and hold it to unlock the vehicle and completely open the windows.

- When the vehicle is locked, press and hold the single button to activate the car search function.

## Caution!

Do not modify or tap the key fob, otherwise it may affect the key function.

## Note!

- The distance at which the key fob can be detected by the car may be reduced due to occlusion and interference by human body or metal, etc.
- The key fob is provided with a power saving mode. When the vehicle detects that the key fob is nearby for a period of time, the proximity unlocking function will be disabled temporarily. It is necessary to press the single button to lock/unlock the vehicle.
- The key fob enters the power saving mode after being out of the sensing range of the vehicle or after a period of standing.

## Replacement of key fob battery

Please replace the key fob battery in time when the following situations occur:

- Press the single button, the key fob indicator light is on for a period of time.

- When the vehicle is READY, the combination instrument has a low key battery.

When replacing the key fob battery, be sure to follow the steps below:

1. Insert the thimble into the key fob battery removal hole and push to unlock the battery lock.



2. Remove the cover on the back of the key.



3. Use the thimble to insert the gap to lift the battery. The recommended new battery type is: CR2032.



- When installing the cover plate on the back of the key, press hard against the clip to tighten it.

### **Warning!**

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- The battery of the key fob is relatively small, so please keep the battery out of the reach of children to prevent children from accidentally swallowing it, resulting in serious injury or death.
- Be sure to dispose of used batteries in accordance with local regulations. Improper disposal of used batteries can damage the environment and endanger human health.

### **Note!**

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- When replacing the battery, you must keep the environment dry and clean. Moisture and grease can cause degradation of the battery and affect its service life.
  - Please pay attention to the positive and negative poles of the battery to be installed.
  - When installing the cover on the back of the key, be careful not to damage or deform it.
- 

### **Digital key**

The mobile phone digital key contains some functions of the card key and the remote control key.

Only one Master User Digital Key can be paired to each vehicle, and the master user can share the digital key via mobile wallet APP.

### **Note!**

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- If the mobile phone battery is discharged and the phone is turned off automatically, it can still be used as a key fob for up to 5 hours (subject to the actual condition of the mobile phone).
  - After you have turned off your phone, the digital key cannot be used until you turn it back on.
  - For the time being, digital keys are only supported on mobile phones using the iOS operating system.
  - Some models of mobile phones are unable to create UWB digital keys.
- 

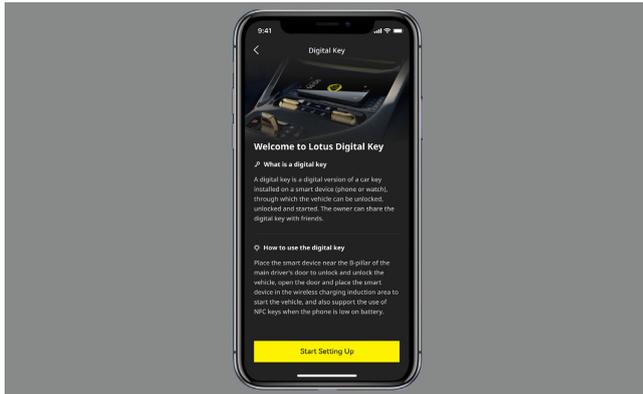
### **Creating a NFC digital key with Lotus App**

Creating a NFC digital key on a mobile phone needs to be done in the car.

Open Lotus APP and create a digital key on your phone in the following steps:

1. In the Lotus APP, select **More APP** and click **Digital key**.
2. Keep the remote key in the car or the key fob within the wireless charging induction area, and then remove the key fob.

- Place the mobile phone in the wireless charging induction area and wait for a prompt on the mobile phone and the CSD for successful creation.
- Follow the prompts on the mobile phone to save the digital key to the mobile wallet APP.



### **i Note!**

According to the mobile phone security policy, when using the NFC digital key to unlock and start, it may be necessary to double-click the side button of the phone and select the car key card in the phone wallet for identity authentication.

### **Creating a UWB digital key with Lotus App**

Creating a UWB digital key on a mobile phone needs to be done in the car.

Open Lotus APP and create a digital key on your phone in the following steps:

- In the Lotus APP, select **More APP** and click **Digital key**.
- Keep the remote key in the car or the key fob within the wireless charging induction area.
- After the prompt for successful creation is shown on the mobile phone and the CSD, save the digital key to the mobile wallet APP.

### **i Note!**

If the UWB digital key does not work properly, it may be related to the status of your mobile phone, you can try the following operations:

- Check if **Face ID** pops up on your phone.
- Disable **Comfort entry** and enable it again in the mobile wallet APP.
- Disable **Bluetooth** and enable it again in the phone **Settings**.
- Check if the phone system is updated to the latest version.
- Disconnect other Bluetooth devices.

### Create a digital key with mail link

You can use an email URL to create a digital key by following these steps:

1. Place the remote control key in the car or the key fob within the wireless charging induction area, and then remove the key fob.
2. Click on the link for digital key creation in the pairing email.
3. Follow the prompts to complete the pairing, and then check the digital key in the mobile wallet APP.

#### Note!

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To create a digital key, park your vehicle in a safe place with good wireless network before operating.

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### Sharing digital keys with mobile phone

Once the master user has created a digital key successfully, he/she can choose to share the digital key in the mobile wallet APP with others. The operating procedures may differ for different models of mobile phones running in different operating systems.

#### Note!

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- The total number of key fobs, remote keys and digital keys shall not exceed 12.
- Using the digital key requires NFC, Bluetooth and positioning functions to be enabled on the mobile phone.

- Unlocking via the shared mobile digital key for the first time may require a longer waiting time. Please pay attention to the prompts on the mobile phone.
  - The digital keys can only shared between mobile phones using IOS operating system.
- 

### Deleting digital key

You can delete a digital key in the following ways:

- The master user can delete his/her own digital key and the shared digital keys through the mobile wallet APP.
- The master user can delete all the digital keys through Lotus APP.
- The master user can delete all the digital keys through iCloud.
- If your digital key is shared by others, you can also delete it from your mobile wallet APP.

### Digital key permission transfer

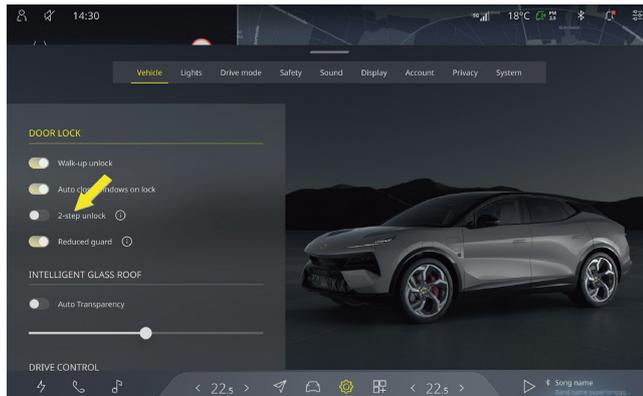
If the main user changes to a new phone and the digital key has not been deleted from the original phone, the new phone can be used to log in to the Lotus APP, click on **More Apps** , and then click on **Digital Key** .The Lotus APP will initiate the deletion of the original digital key and activate the digital key on the new phone.

## ⓘ Note!

- When transferring digital key permissions, please park the vehicle in a safe and wireless location before proceeding.
- When transferring digital key permissions, please hold your phone inside the car for operation.

## Doors

### Two-step unlocking



Two-step unlocking setting interface

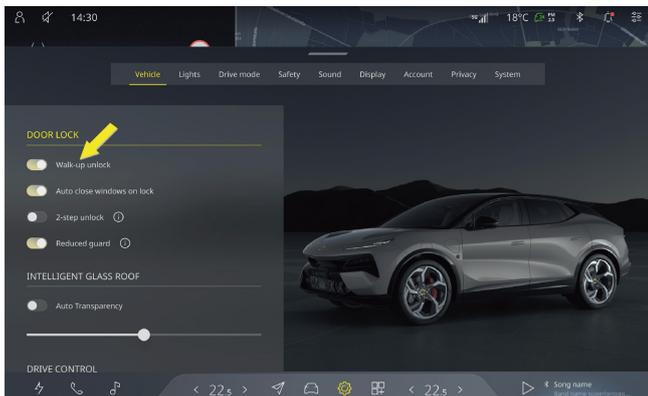
Click the ⓘ icon in the CSD, select **Vehicle** , and click to activate the two-step unlocking function.

With this function activated, only the driver door can be unlocked when the vehicle is unlocked with the key fob. To unlock all doors (including tailgate and bonnet), you need to unlock the vehicle again with the key fob.

## ⓘ Note!

- After the two-step unlock function is enabled, unlock the driver door and enter the vehicle. Press the central unlock switch on the front tunnel console to unlock the vehicle.
- Unlocking the vehicle with remote control key are described in the **Key fob** ( p.54 ).

## Locking/unlocking doors from outside



Proximity unlock setting interface

Click the  icon in the CSD, select **Vehicle**, and click to activate the proximity unlock feature.

Carry a valid key fob and touch the driver door handle switch to lock/unlock the vehicle; approach the vehicle within a certain range, and the vehicle automatically unlocks.

### **Warning!**

- Be sure to carry your keys with you when leaving the vehicle. Leaving keys in the vehicle will leave all doors, windows and controls in a working condition, which may cause accidental use, misappropriation or danger.

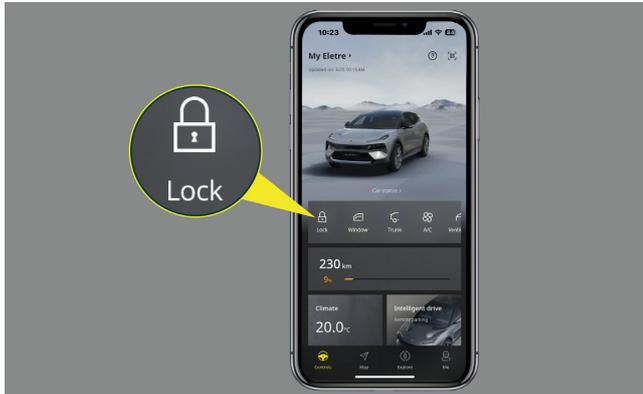
- Do not leave children alone in the vehicle unattended.

### **Note!**

- When using other valid keys to lock the vehicle, the keys left in the vehicle will be disabled until the vehicle is unlocked.
- Please make sure that the doors are completely closed before leaving the vehicle to ensure the safety of the property in the car.
- The vehicle cannot be locked when any of the doors are not closed.

### Remote doors locking/unlocking on mobile APP

You can refresh the real-time status of the door lock in the controls interface of the mobile APP. Click **Lock** in the mobile APP to realize remote lock/unlock. You can know the status of car lock by the color of **lock** switch and prompt information.



Remote doors unlock on mobile APP

## **Note!**

- The status of the central control lock/window/door is updated automatically every minute or you can take the initiative to obtain it.
- When a previous lock request is being executed, the mobile APP cannot send a new one.
- If you do not open the door within a certain period of time after the remote unlock, the car will be re-locked. You can check the vehicle lock/unlock status on the mobile APP.

## Activating super lock

When the super lock is activated, the door cannot be opened from inside the vehicle.

When the vehicle is in personalization mode, the instrument cluster displays “inactive”. When there is no one in the vehicle, the super lock can be activated in the following two ways:

- When all doors (including tailgate and bonnet) are closed and the vehicle is locked for about 15s, the super lock for front and rear doors will be activated.
- When the vehicle is locked with any door open, the super lock for front and rear doors will be activated after all doors (including tailgate and bonnet) are closed for 15s.

Once the super lock is activated, the vehicle can be unlocked using the key.

When the life detection and care detects a child or pet in the vehicle, the super lock will not be activated after the vehicle is locked for about 15s, and a short primary alarm will be issued to remind you to leave the vehicle with your children or pets.

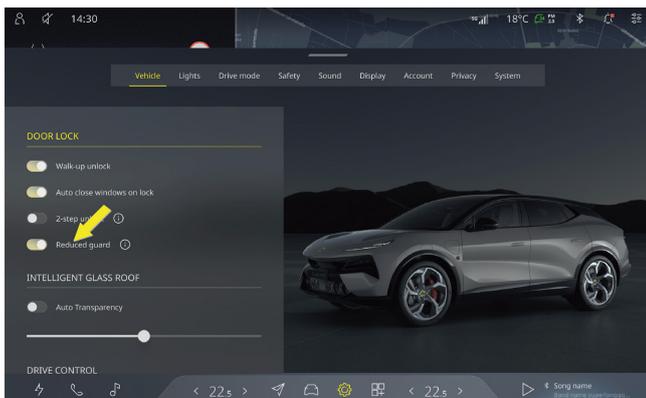
- If you do not unlock the vehicle to eliminate the alarm, the alarm will be sent again after a period of time.
- If you unlock the vehicle with a key and then lock the vehicle again, and the vehicle-mounted Life Detection and Care still detects that there are children or pets in the vehicle, the vehicle will automatically send a higher level alarm (constant alarm).

- If the vehicle still gives an alarm after confirming that there are no children or pets in the vehicle, please contact an authorised Lotus retailer in time.

### Reduced guard

Activating the reduced guard can temporarily disable the super lock, interior motion detection, vehicle tilt detection alarm and other anti-theft functions when:

- it is necessary to leave for a short time and lock the vehicle from the outside as there are children or pets left in the vehicle.
- the vehicle needs to be locked from the outside for repair and towing.



Reduced guard interface

Click the  icon in the CSD, select the **Vehicle**, and click to activate the reduced guard.

### Warning!

Do not leave the vehicle for long periods of time when children or pets are left in the vehicle.

### Note!

- After turning on the reduced guard and locking the vehicle, please pay attention to the safety of the vehicle and the property in the vehicle.
- Each time the vehicle is powered on, the reduced guard automatically shuts down.

## Unlocking/locking doors from inside



### Door opening/closing

When the vehicle is in a locked (non-super lock) state, press the front door switch to unlock and open the corresponding door. At the same time, the indicator light on the central lock button is off, and the instrument cluster shows that the door is open.

When the vehicle is locked, press the rear door switch twice to unlock and open the rear door.



Central lock on the front tunnel console

1. Central unlock switch
2. Central lock switch

Press the central lock switch on the front tunnel console to lock/unlock the vehicle.

### **Note!**

- When the vehicle is being unlocked, the flush door handle pops out.
- When a vehicle collides, the door lock is unlocked repeatedly for a short period of time until all doors are successfully unlocked.

## Opening/closing doors from outside



Flush door handle

Unlock the vehicle with the keys, and the flush door handle will extend automatically. Pull the handle to open the door.

When the flush handle is frozen or obstructed, after the vehicle is unlocked, the ejecting failure can be assisted by manually clearing the ice by tapping the plate or handle outside the car door with appropriate force.

### **Warning!**

- Be sure to carry your keys with you when leaving the vehicle. Leaving keys in the vehicle will leave all doors, windows and controls in a working condition, which may cause accidental use, misappropriation or danger.

- Do not leave children alone in the vehicle unattended.

### **Caution!**

If the door is frozen or blocked, do not vigorously pull or tap the flush door handle, as this may damage it.

### **Note!**

- When using other valid keys to lock the vehicle, the keys left in the vehicle will be disabled until the vehicle is unlocked.
- Please make sure that the doors are completely closed before leaving the vehicle to ensure the safety of the property in the car.
- The vehicle cannot be locked when any of the doors are not closed.

### **Closing by soft close\***

When you nudge to close the door, the door will be pulled suck to the fully locked position. During the pulling and closing of the door, press the door switch or pull the flush door handle, and the pulling will stop.



### **⚠ Warning!**

Make sure that the door does not pinch any part of your body or other objects or damage any objects during automatic pull-in closing of the door.

### **ⓘ Note!**

If the soft close lock fails, the door will not be pulled suck to the fully locked position, and the instrument cluster will display relevant fault information.

### **Auto re-lock**

After the vehicle is unlocked, if the four doors are not opened within a period of time, the vehicle will automatically be re-locked.

### **Auto lock while driving**

With all doors (including the bonnet, tailgate, charging port cover) closed and the vehicle speed over a certain speed limit, the indicator on the central lock button will be illuminated to indicate that the vehicle is locked.

### **Unlock at collision**

In the event of a collision, the vehicle automatically releases the central control lock and unlocks the four doors.

### **Emergency door unlocking from outside**

In the event of a battery power loss, emergency unlocking can be realized by using tailgate opening switch or external power supply.



Emergency unlocking via tailgate opening switch

When using the tailgate opening switch for emergency unlocking, press and hold the switch for 5 seconds, and then use the keys to unlock normally.

### **i Note!**

If the emergency unlocking cannot be completed via the tailgate opening switch, you can try the emergency unlocking with an external power supply. In case that both methods are not applicable, please contact Lotus Customer Care Centre.



#### Emergency unlocking via external power supply

When the 12V external power supply is used for emergency unlocking, the doors can be unlocked according to the following steps:

1. Open the front bumper towing hook cover and pull out the external power wiring.
2. Connect the black wire fixed on the cover to the negative terminal of the external power supply, and the red wire to the positive terminal of the external power supply.
3. Carry the key fob, press the front of the handle outside the driver's door, so that the tail end is tilted, and pull the outer handle to open the driver's door; or use the card key, the driver's door will automatically unlocked.
4. After the unlocking is completed, disconnect the external power supply, load the external wire that has been insulated back into the towing hook cover, and close the cover.

## Emergency unlocking of doors from inside



### Emergency handle

Pull the emergency handle in the door trim panel pocket to unlock and open the door.

## Windows

When a door is opened, the corresponding side window will automatically drop a certain distance; when the door is closed, the windows will close automatically.

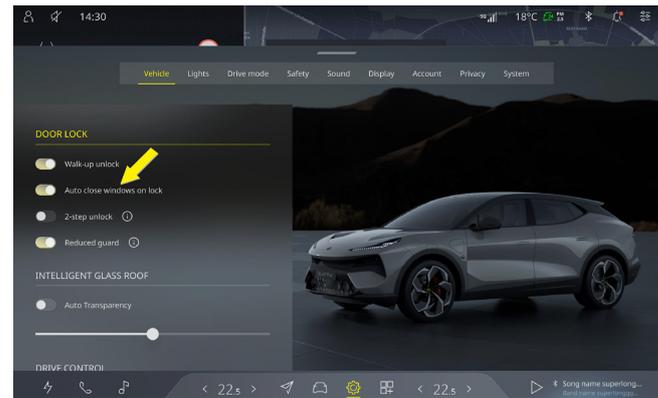
### ⓘ Note!

- If the front door and the corresponding window are closed, the window can be fully opened via the one-button lowering

function and the corresponding window will rise for a certain distance when the door is opened. After the door is closed, the window will open fully in an automatic way.

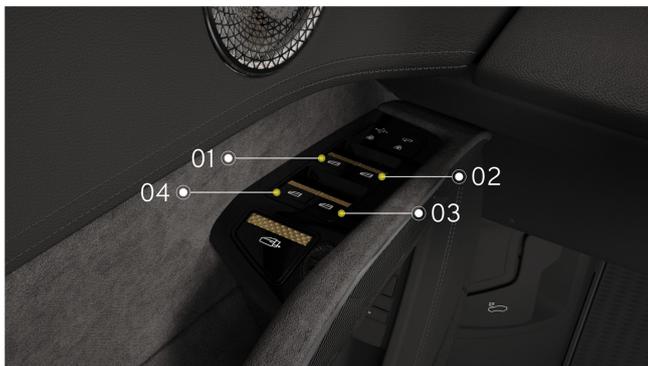
- If the window automatically rises to a fully closed state after opening the door, at which time closing the door directly will cause damage to the vehicle, do not close the door and contact the Lotus authorized repairer.

## Auto close windows on lock



You can click the ⚙️ icon on CSD as needed, select the **Vehicle**, where the auto close windows on lock can be turned on/off.

## Window regulator switch



Window regulator switch on driver door trim panel

1. Left front window regulator switch
2. Right front window regulator switch
3. Right rear window regulator switch
4. Left rear window regulator switch

The driver can lift or lower all windows by operating the regulator switch on driver door trim panel. Passengers can lift or lower the windows by operating the regulator switch on the trim panel at the corresponding side door.

The window regulator switch has two positions, and you can control the windows as follows:

1. Manual up/down: Pull up or press down to the first position, the windows will rise or lower; release the switch, the windows will stop moving.
2. Auto up/down: Pull up or press down to the second position, the windows automatically go up/down. The window will stop moving if it is pulled up or pressed down again during movement.

### **Warning!**

- Do not leave children alone in the car, as they may inadvertently operate the window lift switch and may be injured by moving windows.
- Before closing the windows, it is important to ensure that all passengers, especially children, are not sticking out any part of their body. Failure to do so may result in serious injury or death.
- For safety, it is recommended to lock the rear windows when a child is sitting in the rear seat. Refer to the **Child safety lock** ( p.41 ).
- When opening or closing the door, please pay attention to the window distance, do not scratch yourself or others.
- Do not operate the window regulator switch when the vehicle speed is too high.

## ⓘ Note!

- The window regulator switch on rear door trim panel can be used to lift or lower the rear left and right windows.
- Please remove the snow and ice on the surface of the window in time to avoid the window being stuck or unable to open or close normally during the movement.

### Window anti-pinch

If the window encounters an obstacle during the automatic closing, it will stop closing and open to the position before closing.

### Remote window opening/closing on mobile APP



Window switch on mobile APP

Click the window switch on the mobile APP to fully open or close the window. Before the window is fully opened or closed, click the window switch on the mobile APP again, and the window will not stop moving.

### **⚠ Warning!**

If the vehicle is not in your line of sight, do not use remote window opening and closing.

## Window opening/closing via central lock



Central lock at the front of tunnel console

1. Central unlock switch
2. Central lock switch

The central lock switch is located in the front middle of the tunnel console, which controls the simultaneous rising and lowering of all windows.

When the central unlock switch  is pressed and held, all windows will be fully opened simultaneously. Press the switch again during the lowering, the window will stop the movement.

When the central lock switch  is pressed and held, all windows will be fully closed simultaneously. Press the switch again during the window rising, the window will stop the movement.

## Auto rising in rain



Rain and light sensor module (RLSM)

All windows automatically close completely when the RLSM at the front windscreen detects rain.

### Self-learning of one-button rise and anti-pinch function

When the one-button rise/drop and anti-pinch function fail due to power off or the window motor disassembly for repair, you can try the following operations for self-learning:

1. Pull up the window regulator switch and hold it for 5s after the window raises to the top position.
2. Press the window regulator switch and hold it for 5s until the window is lowered to the bottom to complete the self-learning.

## Warning!

- Before closing the windows, make sure that no one or object is in the way of window closing, otherwise, it may cause personal injury and car damage!
- In case that there is a child in the vehicle, the child safety lock shall be activated, and the rear window regulator switch shall be disabled to prevent the child from being injured due to misuse.

## Note!

When the one-button rise/drop and anti-pinch function fail, the self-learning shall be completed as soon as possible to prevent pinching injury and window damage.

# Bonnet

## Opening of bonnet

To prevent damage to the bonnet or windscreen wipers, please make sure that the wiper arms are not lifted before opening the bonnet.

1. Open the driver door, and pull twice the bonnet opening handle located under the instrument panel on the driver side successively.



Bonnet opening handle

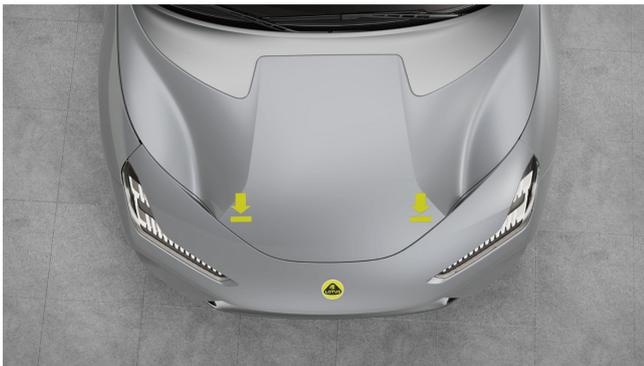
2. Walk to the front of the vehicle and lift the front of the bonnet, which will automatically rise.



Bonnet rising

## Closing of bonnet

1. Lower the bonnet slowly until the bonnet contacts the latch.
2. Press down the bonnet at the position shown in the figure with both hands until it is locked, and lift the front edge of the bonnet slightly and check that it is completely closed.



### **Warning!**

Make sure that the bonnet is properly closed, otherwise the accidental opening of the bonnet while the vehicle is driving will block the line of sight, causing serious injury or even death.

### **Caution!**

- Before closing the bonnet, please ensure that there are no obstacles in the area where the bonnet is about to close.

- Do not forcefully close the bonnet or let it fall freely.
- Do not press the bonnet with one hand, as this may cause the bonnet to be dented or damaged.

### **Note!**

When the  indicator light on the combination instrument is on, please check that the four doors (including the tailgate and bonnet) are properly closed.

## Tailgate

### Opening/closing of tailgate

The tailgate can be opened or closed in several ways, during the closing period, the tailgate will continue to make beep sound until it is stopped:

- Click the tailgate switch on CSD.
- Press and hold the tailgate switch on driver door.
- The vehicle is unlocked or with a key fob to press the tailgate open/close switch.
- With your key fob within range. Use foot movement under the rear bumper to open the tailgate.

## ⓘ Note!

If the vehicle is locked, the direction indicator lamps will flash once when the tailgate is locked.

### Opening/closing of tailgate by CSD



#### Tailgate switch on CSD

Click the tailgate switch on CSD, and the tailgate will be opened or closed automatically.

### Tailgate switch on driver door



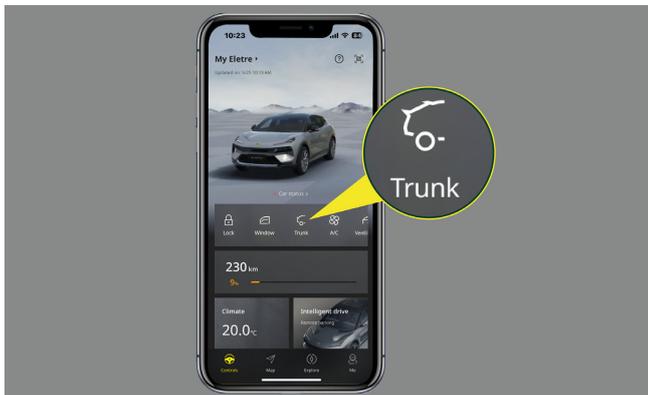
#### Tailgate switch on driver door

When the tailgate is closed, press and hold the tailgate switch on the driver door to unlock and fully open the tailgate.

When the tailgate is open, press and hold the tailgate switch on driver door to close the tailgate automatically.

During the movement of tailgate, a short press of the tailgate switch will stop the movement, and another long press will make the lid move in the opposite direction.

## Unlocking tailgate on mobile APP



Tailgate unlock switch on mobile APP

When the vehicle is locked, click the tailgate switch on the mobile APP to unlock the tailgate.

## Opening/closing of tailgate by kicking action \*



Tailgate kick induction zone

Carry a key fob or digital key to do a kicking action in the sensing area of the tailgate, and the tailgate will be automatically opened/closed.

### **Note!**

- If the vehicle is locked, the direction indicator lamps will flash once when the tailgate is locked.
- Keep the tailgate sensing area clean. If the sensing area is covered with snow, ice, dirt, etc., the kicking action on/off function may not function properly.

- If the fail to open/close the tailgate, please re-attempt with feet. If the tailgate still cannot be opened/closed, please contact a Lotus authorized repairer in time.

### Tailgate opening/closing switch



Tailgate opening switch

The tailgate is fully open by pressing the tailgate opening switch with the vehicle unlocked.

### **i** Note!

If you set the opening height of the tailgate, the tailgate will automatically open to the set height.



Tailgate closing switch

Press the tailgate closing switch in the unlocked state of the vehicle, and the tailgate will automatically close.

### Tailgate anti-pinch function

The anti-pinch function of the tailgate can effectively prevent accidental casualties or unnecessary economic losses arising from the closing of tailgate.

- If the tailgate is blocked by objects during the opening/closing, it will stop the movement with a warning sound. If the tailgate is blocked during closing, it will move to the set height in opposite direction.
- If the car moves during the opening/closing of the tailgate, the tailgate will be stopped and kept still.

## Emergency opening of tailgate from the boot

In an emergency, you can try to open the tailgate from the boot.

1. Flip outward from the top edge to open the protective cover.



Tailgate emergency unlocking protective cover

2. Flip the control lever up to unlock the tailgate, and push out to open the tailgate.



Tailgate emergency unlocking lever

## Setting tailgate opening height

You can set the tailgate opening height by following the steps below:

1. Manually open the tailgate to the desired height.
2. Press and hold the tailgate closing switch until you hear the audible signal. The current opening height of the tailgate has been set to the opening height.



Tailgate closing switch

### **⚠ Warning!**

When operating the tailgate, it is important to make sure there are no people in the track of the tailgate opening or closing, otherwise personal injury may occur.

### **⚠ Caution!**

When manually opening or closing the tailgate, do not apply excessive force, otherwise the tailgate may be damaged or malfunction.

### **ⓘ Note!**

You can also manually open the tailgate to the highest position, and press and hold the tailgate switch until you hear a audible signal to restore the tailgate opening height.

## Steering wheel

### Steering wheel adjustment

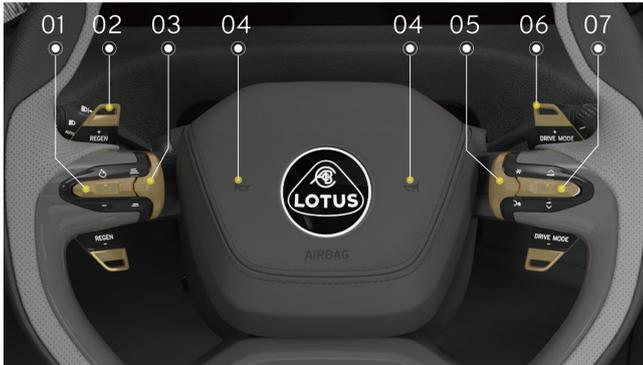


When the vehicle is powered on, you can adjust the steering wheel up, down, back and forth by pulling the adjustment button on the left side of the steering column.

## **⚠ Warning!**

To avoid dangerous driving and accidents, do not adjust the steering wheel while driving.

### **Paddles on steering wheels**



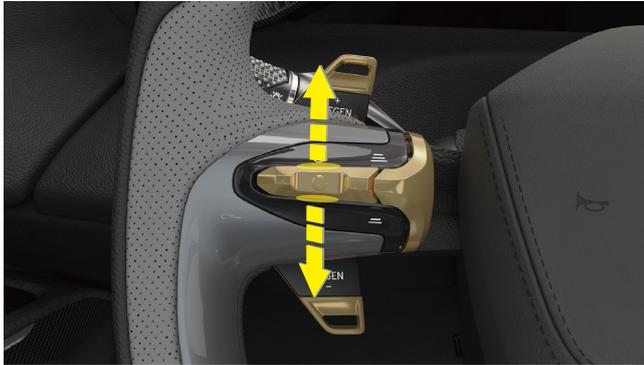
1. Left multi-function button
2. Energy recovery paddle
3. Following distance rockers
4. Horn switch
5. Menu/voice rockers
6. Driving mode paddle

7. Right multi-function button

### **Steering wheel button operation**

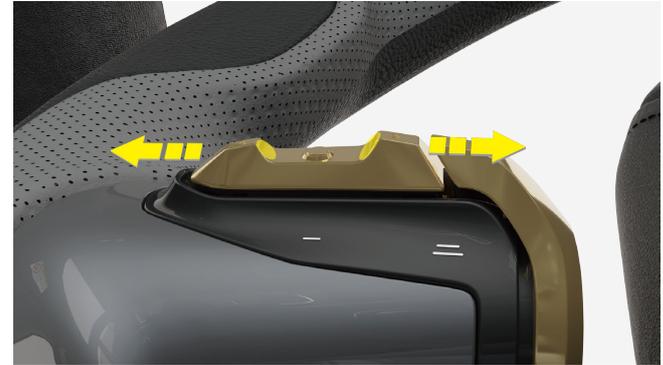


Press the left multi-function button: Place your thumb in the middle of the multi-function button, and press the button until there is a crisp sound.



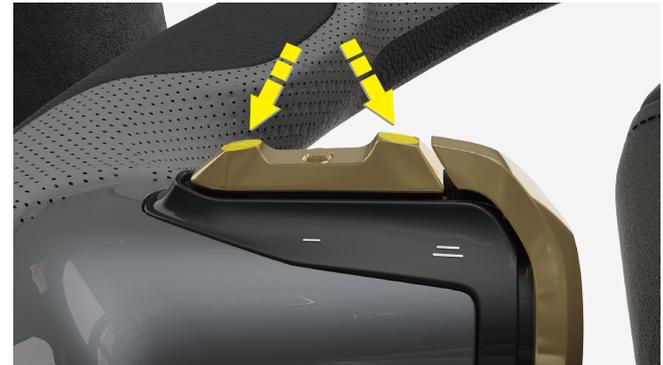
Toggle the left multi-function button up and down: Place your thumb in the middle of the lower or upper part of the multi-function button, and toggle it up or down until a crisp sound is heard.

There are two methods to move the left multi-function button left and right:



#### Method 1

Place your thumb in the middle of the multi-function button, and toggle it left and right until a crisp sound is heard.



#### Method 2

Place your thumb on the raised position of the multi-function button, and toggle it down obliquely until a crisp sound is heard.



Toggle the following distance button up and down: Place your thumb on the lower or upper part of the following distance button, and toggle the knob up or down until a crisp sound is heard.



Toggle the energy recovery paddle up: Put your finger under the paddle, and toggle up the paddle until a crisp sound is heard.

### **ⓘ Note!**

- The buttons on the right side of the steering wheel can be operated in the same way as those on the left side.
- Please put your fingers in an appropriate position to avoid inoperation or difficult operation of the buttons.

# Steering wheel heating

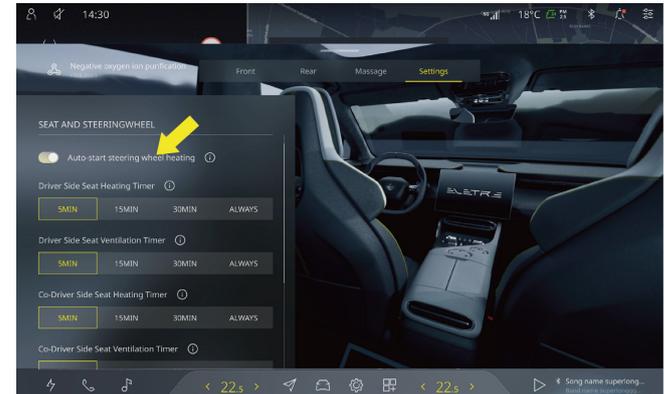
## Manual steering wheel heating



Steering Wheel Heating Setting interface

Click the **TEMP** in the CSD to switch to the climate control interface, then click the  icon to turn on the steering wheel heating function at level 3 by default. Repeat clicks on the gears to lower the level further until the heating function stops.

## Auto-start steering wheel heating



You can turn on or off the auto-start steering wheel heating function from the climate settings interface on CSD.

After turning on the auto-start steering wheel heating function, when the temperature outside the car is too low, the auto-start steering wheel heating function will be activated automatically. After continuous heating to the target temperature and maintained for a period of time, the steering wheel heating function is turned off.

### Note!

- Steering wheel auto-start heating is off by default.

- In the process of automatic heating, you can click  icon on the front climate control interface to turn off the steering wheel heating once.

### Remote control of steering wheel heating



#### Climate

Switch to the A/C setting interface through the **Climate** on the mobile APP interface.



Mobile APP steering wheel heating interface

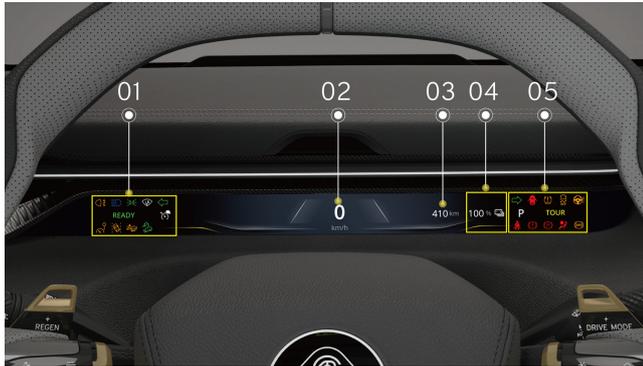
Click the  icon to turn steering wheel heating on or off; Click the  icon to turn steering wheel heating off.

## Combination instrument

### Instrument overview

This vehicle is equipped with a 12.6-inch instrument cluster for driver and front passenger, which integrates functions including vehicle information, status monitoring, warning indicators and driving modes.

## Overview of driver instrument cluster

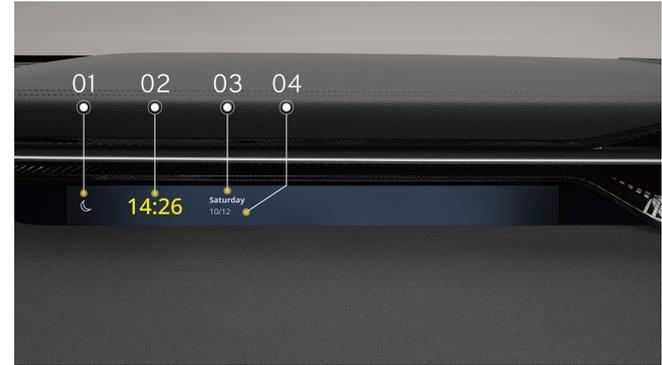


1. Left indicator display area: displays information such as the status of external lights, driver assistance systems, etc.
2. Speed: displays the current speed of the vehicle.
3. Range: displays the mileage that the vehicle can travel with the high voltage battery at the current state of charge (SOC).
4. High voltage battery SOC: displays the SOC and the status of the high voltage battery. When the SOC is less than 20%, the high voltage battery low indicator turns on in yellow.
5. Right indicator display area: displays gear, driving mode, active safety and other information.

## ⓘ Note!

Do not operate the instrument cluster while the car is in motion.

## Overview of passenger screen display



Desktop of passenger screen display

1. Screen OFF switch
2. Time
3. Day
4. Date

After the vehicle is powered on, you can click the screen OFF switch on the screen as required to turn off or activate the passenger screen display.

Click on the desktop of the front passenger side instrument cluster, and slide the screen left and right to switch the multimedia content.

The front passenger side instrument cluster displays safety information. When the front passenger seat belt is not fastened, the seat belt reminder and door open warning will be given.

### **⚠ Warning!**

It is necessary to pay attention to important reminder messages displayed on the instrument cluster. Ignoring these messages may result in serious damage to the vehicle or persons.

#### **Check vehicle trip information**

Press the TRIP button on the wiper lever to switch among Mileage, Trip 1, and Trip 2; On the interface of Trip 1 or Trip 2, press and hold TRIP button again to reset Trip 1 or Trip 2.



TRIP button

To check the mileage and reset trip 1 or trip 2, operate as follows:

1. Press and release the TRIP button for the first time to check the mileage in the instrument cluster



Mileage

2. Press and release the TRIP button for the second time to check Trip 1 (mileage and average power consumption) in the instrument cluster; On the interface of Trip 1, press and hold the TRIP button again to reset Trip 1.



Trip 1 and average power consumption

3. Press and release the TRIP button for the third time to check Trip 2 (mileage and average power consumption) in the instrument cluster; On the interface of Trip 2, press and hold the TRIP button again to reset Trip 2.



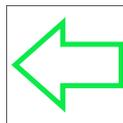
Trip 2 and average power consumption

## ⓘ Note!

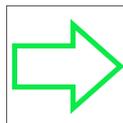
- The mileage cannot be reset by operating the TRIP button.
- Press and release the TRIP button for the fourth time to switch to mileage interface; If you leave the TRIP button unattended for a certain period of time, the current interface will automatically exit.

## Indicators and warning lamps

### Indicator icon



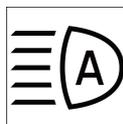
Turn indicator: when you flick the turn indicator switch downward, the left indicator flashes. When the hazard warning lights switch is turned on, the direction indicator lamps on both sides flash at the same time.



Turn indicator: when you flick the turn indicator switch upward, the right indicator flashes. When the hazard warning lights switch is turned on, the direction indicator lamps on both sides flash at the same time.



High beam: when the high beam is turned on, this indicator is illuminated.



Adaptive driving beam(ADB): after the ADB is turned on but not activated, the white indicator light is illuminated.



Adaptive driving beam(ADB): when activated, the blue high beam indicator will be illuminated.



Rear fog light: when the rear fog light is turned on, this indicator is illuminated.



Position light: when the position light is turned on, this indicator is illuminated.



Wiper automatic wiping indicator: when the automatic wiping function of the wiper is turned on, this indicator will be illuminated.



READY: when the vehicle is ready to go, this indicator is illuminated.



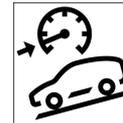
Traffic sign identification (TSI) off: when the TSI is off, this indicator is illuminated.



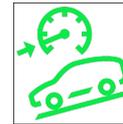
Lane keep assist(LKA) off: when LKA is off, this indicator is illuminated.



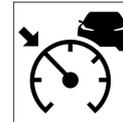
Autonomous emergency braking (AEB) off: when AEB is off, this indicator is illuminated.



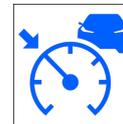
Hill descent control (HDC): after the HDC is turned on but not activated, this indicator is illuminated.



Hill descent control (HDC): when activated, the green indicator is illuminated.



Adaptive cruise control (ACC): when ACC is turned on but not activated, the white indicator is illuminated.



Adaptive cruise control (ACC): when activated, the blue indicator is illuminated.



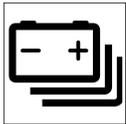
Highway assist (HWA): when HWA is turned on but not activated, the white indicator is illuminated.



Highway assist (HWA): when activated, the blue indicator is illuminated.



Highway assist (HWA): Indicates that HWA currently has only longitudinal control.



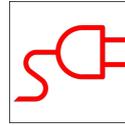
High voltage battery capacity: when the high voltage battery capacity is normal, the white indicator is illuminated.



High voltage battery capacity: when the battery is low, the yellow indicator is illuminated.



Door status: when any door is open, this indicator is illuminated.



Charging plug connection: when the charging plug is connected to the vehicle, the indicator is illuminated.



Child presence detection: This indicator is illuminated when the child presence detection function is turned off.



Drive power limit: this indicator is illuminated to indicate that the driving power is limited.



Electronic stability control (ESC) off: when the ESC is turned off, this indicator is illuminated.



Electronic parking brake (EPB): this indicator is illuminated when the EPB is turned on.



AUTO HOLD: when the AUTO HOLD is activated, this indicator is illuminated.



Energy recovery level: when the energy recovery level is in gear 3, this indicator is illuminated.



Energy recovery level: when the energy recovery level is in gear 2, this indicator is illuminated.



Energy recovery level: when the energy recovery level is in gear 1, this indicator is illuminated.



Energy recovery level: when the energy recovery function is turned off, this indicator is illuminated.

### Warning light icon

Warning light icon: If the warning light is continuously lit, it indicates that certain important functions have been disabled, or that there is a serious malfunction of the vehicle that may cause a safety risk. Before driving, make sure the fault is cleared. If you are not familiar with the specific fault, please contact the Lotus Customer Care Centre for an inspection.

Warnings and fault messages are displayed on the instrument cluster display or CSD. Some messages are accompanied by an audible signal or a corresponding warning light illuminated.



Low beam failure: when the low beam fails, this warning light is illuminated.



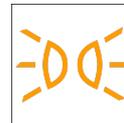
Adaptive front-lighting system (AFS) activation: when the AFS fails, this indicator is illuminated.



Adaptive driving beam (ADB) failure: when the ADB fails, the warning light is illuminated.



High beam failure: when the high beam fails, this warning light is illuminated.



Position lamp failure: when the position lamp fails, this warning light is illuminated.



Traffic sign identification (TSI) failure: when the TSI fails, this warning light is illuminated.



Lane keep assist (LKA) failure: when the LKA failure, this warning light is illuminated.



Autonomous emergency braking (AEB) failure: when the AEB fails, this warning light is illuminated.



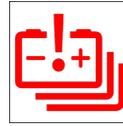
Hill descent control (HDC) failure: when the HDC fails, this warning light is illuminated.



Adaptive cruise control (ACC): when the ACC fails, this indicator turns grey.



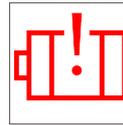
Highway assist (HWA): when the HWA fails, this indicator turns grey.



High voltage battery failure: when the high voltage battery fails, the warning light will be illuminated.



System failure: when the system fails, the warning light will be illuminated.



Drive motor failure: when the drive motor fails, the warning light will be illuminated.



Transmission failure: when the transmission performance is reduced, the yellow indicator is illuminated.



Transmission failure: when the transmission fails, a red warning light is illuminated.



Brake wear: this warning light is illuminated when the friction pads are worn to the limit or the alarm is short-circuited.



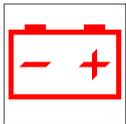
Driver monitoring system failure: when the driver monitoring system fails, this warning light is illuminated.



Rear collision warning (RCW) failure: when the RCW fails, the warning light is illuminated.



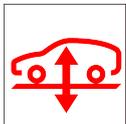
Headlight height adjustment failure: when the headlight height adjustment fails, this warning light is illuminated.



12V battery charging failure: when the charging system fails, this warning light is illuminated.



Air suspension system failure: when the air suspension system loses performance/temporarily weakens, the yellow warning light is illuminated.



Air suspension system failure: when the air suspension system fails, the red warning light lights up and the system disables the air suspension.



Tyre pressure monitoring system (TPMS) failure: when the tyre pressure of one or more tyres is too low, this warning light is illuminated. When the tyre pressure monitoring system fails, the warning light flashes a few times and then solid on.



Electronic stability control (ESC) failure: when the ESC fails, this warning light is illuminated. When the ESC is working, the warning light flashes.



Steering system failure: when the steering system performance is reduced/the assisted power is degraded, the yellow warning light is illuminated.



Steering system failure: when the steering power is degraded/lost, the red warning light is illuminated.



Seat belt reminder: When the seat belt is not fastened, the warning lamp of the 4-seat vehicle is lit, which means that the warning lamp of the corresponding seat is lit at the same time.



Seat belt reminder: When the seat belt is not fastened, the warning lamp of the 5-seat vehicle is lit, which means that the warning lamp of the corresponding seat is lit at the same time.



Brake system failure: when the braking system fails, the yellow warning light is illuminated.



Brake system failure: when the brake fluid level is low, the brake fluid level sensor is faulty and the EBD is faulty, the red warning light is illuminated.



Airbag failure: this warning light is illuminated when the airbag system or pretensioner system fails.



Anti-lock Braking System (ABS) failure: when the ABS fails, the warning light is illuminated.

## Head-up display (HUD)

Head-up display (HUD) projects vehicle-related information onto front windscreen so that it is easier for the driver to obtain legible information rapidly during driving, thus improving driving safety.



## Head-up display (HUD)



1. HUD switch
2. HUD adjustment

You can click the  icon on the CSD, and select **Display** to switch to the HUD Setting interface, where the HUD adjustment can be selected to activate HUD setting and different modes can be chosen.

### Note!

- After the HUD setting is activated on the CSD, it needs to be set through the multi-function button on the right of the steering wheel.

- You may not observe the HUD clearly if you are wearing polarized sunglasses. Please adjust the brightness of the HUD or take off your sunglasses.

## HUD settings on steering wheel

- Press the Menu/Voice button upward to activate HUD settings.



1. Menu/Voice button
  2. Right multi-function button
- Press the right multi-function button left and right to switch to HUD, and press the right multi-function button to switch to HUD settings interface.



- Press the right multi-function button left and right to set the HUD ON/OFF, height, brightness, snow mode, and AR mode respectively.

Switch to HUD on or off, snow mode, AR mode, press the right multifunction button to set.

You can Press the right multi-function button up and down to set the height and brightness of the HUD.



### Cleaning and maintenance of HUD

Clean the inside of the windscreen to remove any dirt or film that may reduce the brightness or clarity of the HUD image. Clean the HUD lens with a soft cloth sprayed with glass cleaner. Wipe the lens gently and allow it to dry.



### **⚠ Warning!**

- Before driving, make sure to check that the position and brightness of the HUD will not interfere with safe driving. Improper adjustment of the image position or brightness may obstruct the driver's field of vision and cause an accident, resulting in personal injury.
- Do not keep looking at HUD while driving, otherwise you may not be able to see pedestrians and objects on the road in front of the vehicle.

### **⚠ Caution!**

- Do not allow liquids entering into the projector area as this may cause electrical failure.

- Do not place any objects and stickers on the projector or the projection area of the front windscreen, otherwise the HUD may not function properly to display.
- Do not touch the projector or throw objects into the projector as this may damage the HUD.

### **ⓘ Note!**

- If the front windscreen needs to be replaced, please contact Lotus Customer Care Centre for replacement as soon as possible.
- When driving in snow or when the road surface is heavily reflective, the driver can turn on the snow mode.

## **Lighting**

### **External lighting control**

#### **Stalk switch**

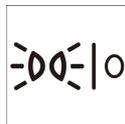
Rotate the roller on the stalk switch to set the type of external lighting.



**Low beam:** When the roller is rotated to this position, the low beam, position lights and rear registration lamp are turned on.



**Auto light:** When the roller is rotated to this position, the auto light function is turned on. When the light intensity is sufficient, the front position light will be off, and the daytime running light (DRL) and the rear position light will be automatically activated. When the light intensity is insufficient, the low beam, front & rear position lights and rear registration lamp will be automatically activated.



**Position lamps:** When the gear to the park (P) gear, and the roller is rotated to this position, the low beam is turned off; and the roller rotates to this position for 2 seconds, all external lights will be turned off. When the to the drive (D) gear, the external lights will enter AUTO mode. The position light indicator  on the instrument cluster is illuminated and the roller automatically returns to the AUTO position.

When the roller is rotated to the position lamps, the front & rear position lights and rear registration lamp will be lit until the battery is exhausted.

### High beam



The roller is located at . By pushing the stalk switch forward, the high beam turns on. The high beam indicator  on the instrument cluster is illuminated.

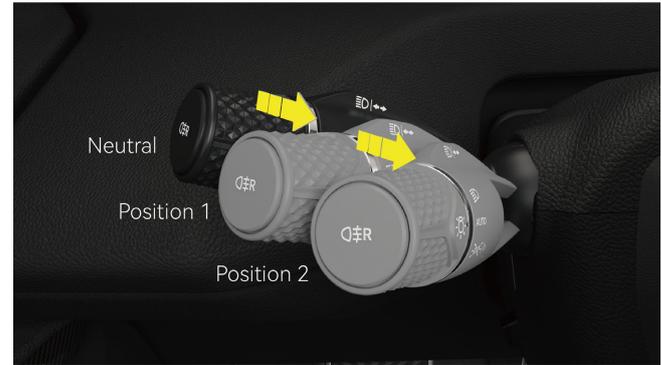
The roller is located at **AUTO**. By pushing the stalk switch forward, activates the adaptive driving beam (ADB) function. A second push of the stalk, the high beam turns on. The high beam indicator on the instrument cluster is changing  the ADB indicator.

### Adaptive driving beam

ADB automatically turns parts of the high beams on or off based on the use of the headlights of oncoming vehicles or the tail lights of vehicles in the same direction in front.

When the ADB is activated, the corresponding indicator on the instrument cluster will be illuminated as follows:

- White: ADB activated.
- Blue: ADB on.
- Orange: ADB failed.



When the high beams are turned on, turn the stalk switch backwards to the 1st gear and the high beams will be turned off; When the high beams are off, turn the stalk switch backwards to the position 1, and the overtake light will flash. After the stalk is released, it will reset automatically and the high beams will go out.

When the high beam is illuminated or the ADB is activated, turn back the stalk switch to the position 2 and the high beam or ADB will be turned off; When the high beams are off, turn back the stalk switch to the position 2, the high beams will light up. After the stalk is released, it can reset automatically and the high beams will be turned off.

## Warning!

The adaptive driving beam (ADB) is an auxiliary lighting system in which the driver is always responsible for correctly and manually switching the high beam and low light depending on traffic conditions, visibility and legal requirements.

### Rear fog lamp



The roller is located at  or **AUTO**. If you press the rear fog lamp switch, the rear fog lamps will be turned on, and the rear fog lamp indicator on the instrument cluster  will be illuminated.

### Direction indicator lamp



Move the stalk switch down/up slightly, and the direction indicator lamps  or  will flash a few times and then turn off.

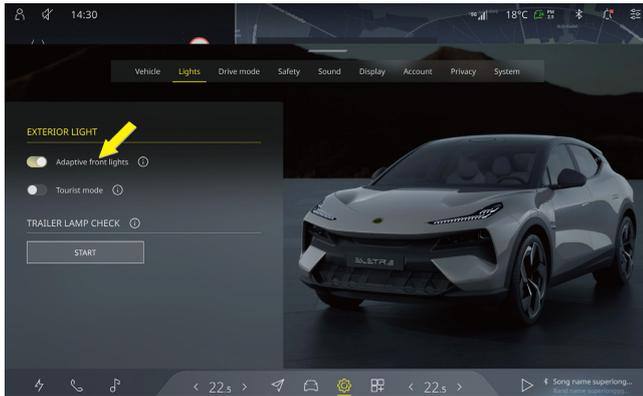
Turn the stalk switch down/up to the bottom, and the direction indicator lamps  or  will flash continuously.

### Automatic adjustment of headlight height

The headlights are provided with an automatic height adjustment function, which is activated depending on the loading situation of the vehicle and the road conditions, thereby improving driving safety.

## Adaptive front lights function

The adaptive front lights will automatically adjust the light pattern according to different driving conditions to provide the driver with the best lighting.



You can click the  icon on the CSD and select **Lights** to access the external light setting interface, where you can click to turn on or off the adaptive front lights function.

## Handlebar nest light

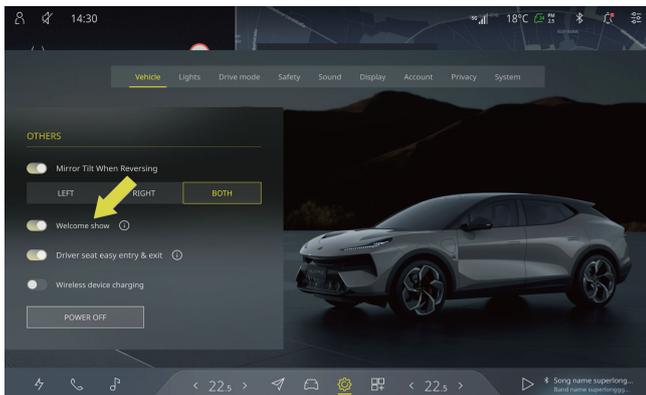


When the ambient light outside the vehicle is insufficient, and when the vehicle is unlocked, the handlebar light is illuminated to illuminate the inside of the door handle, and then it is automatically extinguished after a period of time.

## Follow-me-home light

When the ambient light is weak, some of the exterior lights can remain on for a period of time after the vehicle is locked, so that you can go home safely.

## Welcome function



### Welcome mode

You can click the icon  on CSD, and select **Vehicle** to access the welcome function setting interface, where the welcome show can be activated.

When the vehicle is unlocked from the outside, part of the exterior lights will come on, accompanied by the deployment and retraction of active grille shutter, active rear spoiler and front lidar.

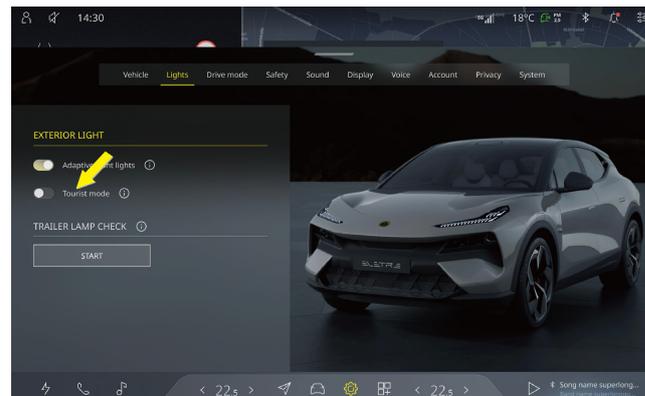
When the vehicle is locked from the outside, part of the exterior lights will come on.

## Note!

- If a courtesy pedal is equipped, the door sill lamp will light up immediately after you open the door to facilitate you getting on in a dim environment.
- When the vehicle in a non sleep state is unlocked using the remote key and mobile App, the front lidar may not deploy.

## Tourist mode

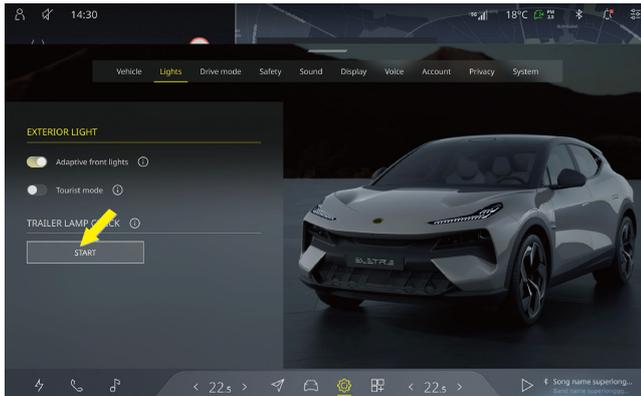
When driving a vehicle to a country or region where the traffic system (LHD/RHD) has changed, the low beam light type must be adjusted to avoid causing glare to the opposite driver. It can be switched on the center stack display.



You can click the icon  on the CSD, and select **Lights** to enter the external light setting interface, where you can click to turn on or off the **Tourist mode** .

### Trailer lamp check\*

When your vehicle is towing another vehicle, you can test whether the trailer light is normal after the trailer is installed.

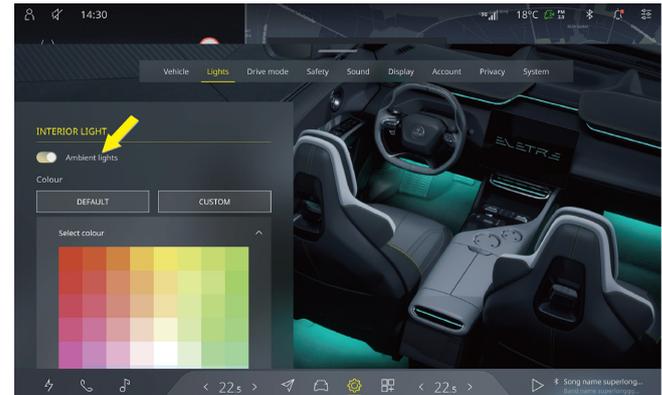


You can click the  icon on the CSD, select **Lights** to enter the external light setting interface, and click **TRAILER LAMP CHECK** to test whether the trailer light is normal.

## Internal lighting control

### Ambient lights\*

The ambient lights is divided into dynamic ambient lights and static ambient lights. The dynamic ambient lights is able to display in forms of dynamic water flow. While the static ambient lights enable a variety of color changes effects.



Ambient lights setting interface

Click the  icon on the CSD and click **Light** to access the light setting interface. Then click to turn on or off the ambient light.

## Ambient lights adjustment\*



Ambient lights colour adjustment

1. System default colour
2. Custom colour adjustment mode

Select the custom ambient lights colour adjustment mode to freely choose the colour of the ambient lights.

The ambient lights can be associated with A/C, charging and incoming call, and it changes according to the different states of the vehicle.



Adjustment of ambient lights brightness

You can drag the slider to any position of the brightness adjustment bar to set the brightness of the ambient lights.

## Reading lamps



Front reading lamp switch

Click the reading lamp switch, and the ambient lamp in the outer ring of the reading lamp will light up in white, and the reading lamp will light up in turn.

Touch the corresponding side reading light to light the reading light; touch again to turn off.

The intensity of the reading light can be adjusted by pushing the reading lamp housing on the corresponding side for a longer or shorter period of time.

## ⓘ Note!

- When the front reading lamp is turned on, the ambient lamp in the outer ring will be white without color conversion effect.
- When the ambient light is weak, do not turn on the front reading light during driving, which may cause a reflection in the front windscreen glass to see the road in front of you.



Rear reading lamps



Rear reading lamps\*

The operation method of the rear reading light can refer to the front reading light.

### Boot light



When the boot lid is opened, the light in the boot will be illuminated automatically; when the boot lid is closed, the light in the boot will go out automatically.

## Courtesy lamp



When the external environment is dim, the courtesy lamps will be illuminated automatically as the doors are opened and they will automatically go out as the doors are closed.

## Wiper control

### Front windscreen wipers and washer



Single wiping: flick the wiper lever down from position 0, the wiper starts working and then returns to the lowest point after single wiping.

**0**

Stop the windscreen wiper: turn the wiper lever to position 0 and stop the windscreen wiper.



Continuous wiping at normal speed: flick the wiper lever upwards and the wiper works at normal speed.



Fast continuous wiping: continue to flick the wiper lever upwards, and the wiping speed is accelerated.

### ⚠ Caution!

Before using the wipers, be sure to remove the ice and snow from the windscreen to ensure that the wiper blades are not frozen at fixed positions.

### ⓘ Note!

- When there are foreign objects such as dust, bird droppings, insects, and tree pulp on the windscreen, please clean the windscreen first, otherwise the wiper blade will be damaged.
- Do not wipe when the windscreen is dry, otherwise both the wipers and the windscreen may be damaged.
- Check the wiper blades regularly. If scheduled maintenance is not carried out properly, the service life of the wiper blade will be shortened.

- Please use qualified washing solution. Unqualified washing solution may cause damage to the scrubber or corrosion or damage to the glass.

### Automatic rain-sensing wiper



Sunlight and rain sensor

When the driver door is closed and the driver seat sensor detects the occupancy of the seat, the rain and light sensor will automatically activate the front windscreen wiper according to rainfall intensity.

**AUTO**

Automatic wiper: when the wiper lever is toggled to the AUTO position, the ☔ indicator on instrument

cluster will be illuminated, and the wiper auto-scrubbing function is turned on.

### ! Caution!

When turning on maintenance mode or using the auto-wash function, disable the auto-scrubbing function first. Otherwise, the wiper may be activated accidentally, causing damage to the vehicle. Refer to **Replacement of wiper blade** ( p.302 ).



The sensitivity of rain sensing can be adjusted by the sensitivity scroll wheel of the sunlight and rain sensor; by rotating the scroll wheel upwards, the sensitivity is higher, and the intermittent time of wiping is shorter.

### ⚠ Warning!

Do not rely entirely on the automatic rain-sensing wipers. Always adjust the wiping manually according to the actual situation.

#### Front windscreen wash



Flick the wiper lever back, the scrubber sprays water, and the wiper scrapes a few times before returning to the lowest point.

Addition of washer fluid: when the level in the washer fluid is lower than 1.0 L, a relevant prompt message will be displayed in the CSD to remind the driver to add the fluid. Reference to **Windscreen Washer Fluid** ( p.301 ).

## **⚠ Warning!**

During the cold season, if the washer fluid freezes on the windscreen, do not use the the wiper, otherwise the driver's vision may be obscured.

### **Automatic heating of wiper\***

When the ambient temperature is too low, the vehicle automatically heats the wiper arm to prevent the nozzle of the water wiper from being frozen by rain and snow.

## **Wing mirror adjustment**

### **Outside mirror adjustment**

The outside mirror reflects the road conditions behind, on the side and under the vehicle, allowing the driver to know the conditions of these positions indirectly, and thus expanding the driver's field of vision.

## **⚠ Warning!**

When the driver observes the outside road conditions through the outside mirror, please judge the traffic conditions and drive carefully.

### **Lens adjustment**



Outside mirror adjustment switch

The outside mirror adjustment switch is located on the driver door trim panel.

- Press the outside mirror adjustment switch to activate the mirrors; press again to switch mirrors. The outside mirrors can be adjusted by the multi-function button on the right side of the steering wheel.



- Press the Menu/Voice button upward to activate the mirrors; turn the right multi-function button left and right to switch to corresponding outside mirror.



1. Menu/Voice button

## 2. Right multi-function button

- Press the right multi-function button to select an outside mirror, and scroll the right multi-function button up, down, left, and right to adjust the position of the outside mirror lens.



## Streaming mirror adjustment\*



Streaming mirror adjustment switch

The streaming mirror adjustment switch is located on the driver door inner trim panel.

### **Note!**

When the vehicle is started, the streaming mirror will start the self-test. If you find a fault alarm message on the screen, please contact the Lotus Customer Care Centre in time.

- Press the streaming mirror adjustment switch to activate it; press again to switch mirrors. The streaming mirror can be adjusted by the multi-function button on the right side of the steering wheel.



- Press the Menu/Voice button upward to activate the mirrors; turn the right multi-function button left and right to switch to corresponding streaming mirror.



- Menu/Voice button

## 2. Right multi-function button

- Press the right multi-function button to select a streaming mirror, and scroll the right multi-function button up, down, left and right to adjust the camera position.



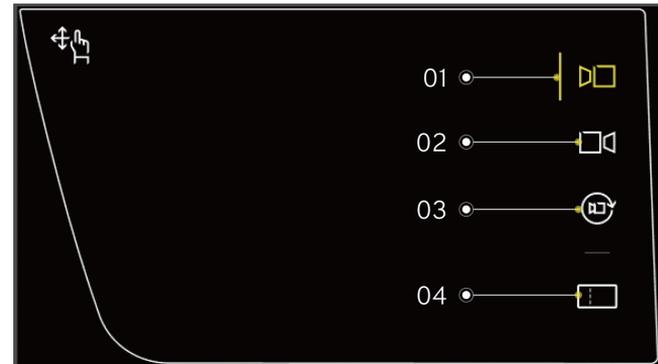
## **Warning!**

Do not cover the sensor and display screen. Dirt, ice and snow etc., if accumulated on the sensor, may degrade the function and performance of the sensor. Always pay attention to the cleanliness of the sensor and its surroundings to avoid traffic accidents.

## **Note!**

- The streaming mirror can effectively minimize the drive blind spot, expand the driver's field of vision, and improve the safety of driving and parking.
- After the vehicle has been locked for a period of time, the streaming mirrors will be automatically turned off; For a period of time after the screen goes out, the streaming mirrors will not go into sleep state so that the driver can quickly wake up the screen when he enters the vehicle.

## Touch screen adjustment streaming interface\*



- Left view switch
- Right view switch

3. Reset switch
4. HD/wide field of view toggle switch

### **Note!**

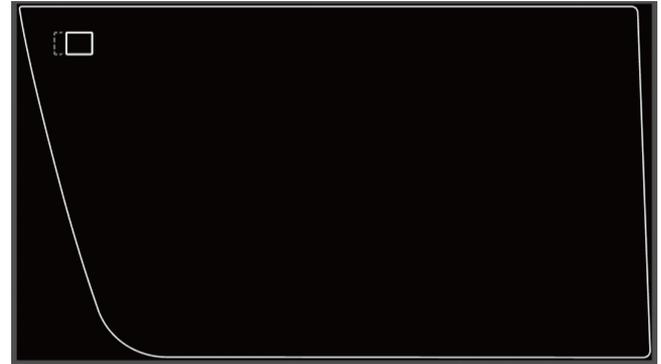
Press and hold the reset switch to restore both streaming media screens to the default view of the current mode.

You can click and drag the driver's streaming media interface to select different view angles as needed, and click the left/right side view switch to switch to the view adjustment interface of corresponding side.

You can also select HD or wide field of view(temporary field of view) by clicking the field of view toggle switch, and the system will memorize your selected field of view.

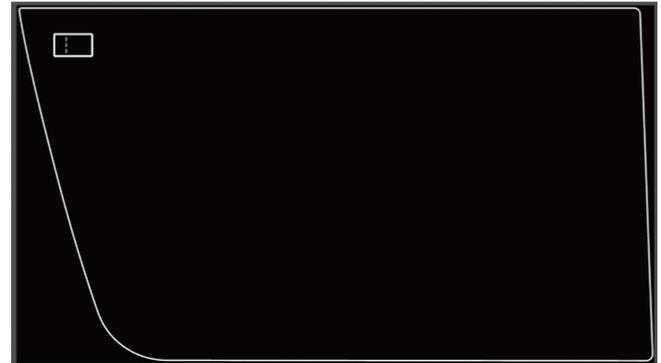
The HD field of view is set by default field of view. The wide-angle field of view is for temporary use to provide a larger field of view. In HD/wide-angle field of view, click the reset switch to reset the current field of view of one side mirror, press and hold the reset switch to reset the mirrors on both sides simultaneously.

When you are in an HD field of view and adjust the field of view, the streaming interface will display a prompt icon.



Adjust HD field of view

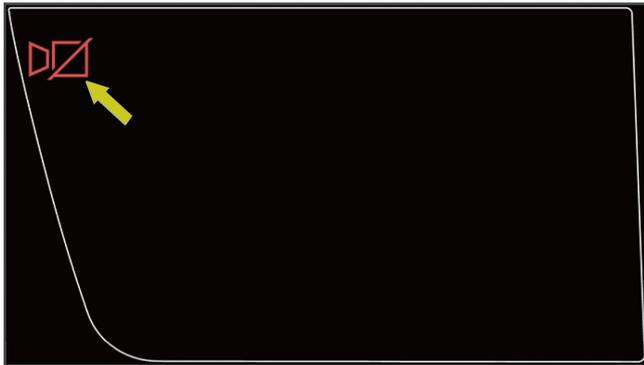
When in a wide field of view, the streaming interface will display a prompt icon.



Wide field of view

## **⚠ Warning!**

- Please switch back to the HD field of view after using the wide field of view.
- With the growth of age or physical disease, the vision will decline. Drivers need to wear appropriate glasses to correct their vision, so as to avoid traffic accidents or casualties caused by failure to clearly observe the information on the display screen.



Streaming mirror fault

When any of the following faults occurs to the streaming mirror, the streaming interface will display the fault icon and a classical prompt on the instrument cluster. Please observe and contact the Lotus Customer Care Centre in time.

- Camera fault
- Display fault
- Control unit fault

## **⚠ Warning!**

Do not rely too much on the streaming mirror. When the streaming mirror fails, the view may be delayed, blurred, or not displayed.

### Automatic folding of outside mirror



Outside mirror folding switch

The outside mirror folding switch is located on the driver door inner trim panel.

When the car is powered on or in READY state, press the outside mirror folding switch to allow the mirrors on both sides to be folded or unfolded simultaneously.

When the car is locked, the outside mirrors will fold automatically. When the car is unlocked, the outside mirrors will unfold automatically.

### **⚠ Warning!**

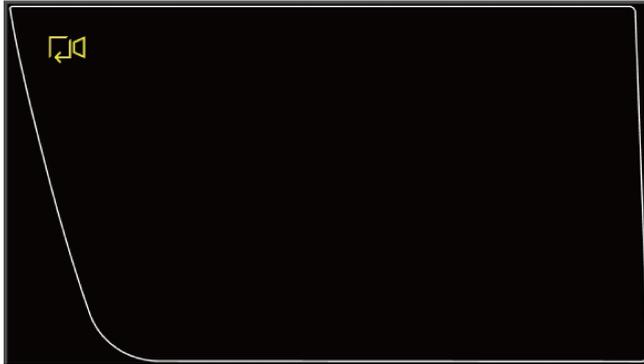
Do not adjust the outside mirrors while the car is running, otherwise personal injury or property damage may be caused. Before you are driving the car, ensure that the outside mirrors have been unfolded and properly adjusted. If manual reset is required, please check whether there are foreign objects such as ice and snow on the folding surface, and remove them before resetting, otherwise the folding structure of the outside mirrors can be easily damaged.

### **Folding of streaming mirror\***



Streaming mirror folding switch

The streaming mirror folding switch is located on the driver door inner trim panel.



Streaming mirror folding

When the car is powered on or in READY state, press the streaming mirror folding switch to allow the mirrors on both sides to be folded or unfolded simultaneously.

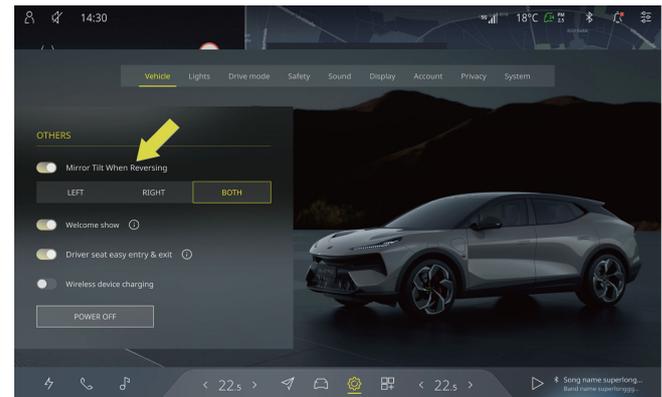
### **Warning!**

Do not adjust the streaming mirror while the car is running, otherwise personal injury or property damage may be caused. Before you are driving the car, ensure that the streaming mirror have been unfolded and properly adjusted. If manual reset is required, please check whether there are foreign objects such as ice and snow on the folding surface, and remove them before resetting, otherwise the folding structure of the streaming mirror can be easily damaged.

### Mirror tilt when reversing

When in R gear, the outside wing mirrors are automatically adjusted downwards, allowing the driver to observe the ground more clearly. When in other gears, the outside wing mirrors automatically return to their original positions after a short time.

When the vehicle is in reverse gear R, the exterior rearview mirror adjustment switch can be used to automatically adjust to the appropriate downward flipping position and memorize the adjustment position.



Click the  icon in the CSD, select **Vehicle**, and turn on or off the mirror tilt when reversing in the setting interface.

After turning on the mirror tilt when reversing, you can choose to fold down the left, right or both mirrors.

## ⓘ Note!

- If the reversing speed is greater than 10km/h, the wing mirrors will return to the normal position.
- The streaming mirror automatically flips down when backing up, and there is no reverse flip setting.

### Streaming mirror reverse under view\*

When in reverse gear (R), the view of the streaming mirror automatically rolls down, and the streaming interface displays the R icon. After exiting reverse gear (R), the view of the streaming mirror returns to the normal position.



## ⓘ Note!

- If the reversing speed is greater than 10km/h, the wing mirrors will return to the normal position.
- The streaming mirror automatically flips down when backing up, and there is no reverse flip setting.

### Outside mirror heating



#### Outside mirror heating via CSD

Click the **TEMP** in the CSD to switch to climate control interface where you can activate or deactivate the defrosting/defogging function of the outside mirrors to remove rain, water mist or ice and snow from the mirror.



### Outside mirror heating via front console

By pressing the  icon on the front console, you can activate or deactivate the defrosting/defogging function of the outside mirrors to remove rain, water mist or ice and snow from the mirrors.

### Streaming mirror heating\*

The rear camera of the streaming mirror has a heating function, which can provide a better driving environment for the driver through automatic defrosting and defogging in the rain, snow and at night.



### Streaming mirror defrosting/defogging switch

Click the **TEMP** in the CSD to switch to the climate control interface where you can activate or deactivate the defrosting/defogging function of the streaming mirror to remove rain, water mist or ice and snow from the camera.

### Adjustment of streaming mirror brightness\*

Click the  icon on CSD, and select **Display** ( p.273 ) to switch to the brightness adjustment setting interface, where you can enable or disable brightness adjustment function. Drag the slider to anywhere on the brightness adjustment slider to set the display brightness.

## ⓘ Note!

The streaming media mirror can also monitor the ambient light intensity through a photosensitive sensor and automatically adjust the brightness.

### Automatic anti-glare outside mirror\*

When the ambient light outside the vehicle is insufficient and the drive gear (D) is engaged, the automatic anti-glare outside mirror can automatically weaken the light from the rear, so that the rear view is in a good observation state.

When the car is engaged in R gear or the power is turned off, the automatic anti-glare function will be turned off automatically.

## Inside mirror adjustment



Inside mirror

Hold the inside mirror and adjust the angle of the inside mirror to an appropriate position.

### ⚠ Warning!

- Do not adjust the inside mirror while driving.
- Do not hang anything on the inside mirror.

### ⚠ Caution!

Do not over adjust the angle of the inside mirror to prevent damage to the mirror.

### Automatic anti-glare inside mirror

The automatic anti-glare inside mirror can automatically dampen the light coming in from the rear depending on a sensor on the inside mirror, so that the rear field of view is in a good state of observation.

When the car is engaged in R gear or the power is turned off, the automatic anti-glare function will be turned off automatically.

### Caution!

Pay attention not to block the sensor, clean the surface of the sensor in time to avoid the decline of anti-glare performance.

## Garage door opener(HomeLink)\*

Once the garage is connected to HomeLink, you can press the button on the lower edge of the interior mirror to open or close the garage door if the receiver of the garage door is within the effective range of remote control by HomeLink in the vehicle.

### Warning!

Before setting up or using HomeLink, make sure people or items are far from the garage door so as to prevent serious injury or damage.

### Creating HomeLink



1. HomeLink indicator

Park your vehicle steadily in front of the garage door and create HomeLink observing the following steps:

1. Press and release the button that needs to be set on the lower edge of the interior mirror, and then check if the HomeLink indicator can slowly flash orange.

### Note!

If not, refer to **Deleting HomeLink** ( p.122 ).

2. Press and hold the garage door remote opening/closing button near the button that needs to be set (2-8cm), and if the

HomeLink indicator remains in green or flashes quickly, release the garage door remote control.

3. Press and release the button that needs to be set, and if the HomeLink indicator remains in green, it means the garage door can be opened/closed normally, i.e., the setting is completed.

### Note!

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- Press and release the button that needs to be set, and if the HomeLink indicator flashes green quickly, press and hold the set button for 3s and repeat this operation for no more than 3 times. Then the garage door can be opened/closed normally, i.e., the setting is completed.
- If there are two buttons respectively to remotely control the opening and closing of the garage door, it is necessary for you to select any two buttons on the lower edge of the interior mirror to complete the creation of opening and closing.

Press and release the button that needs to be set, then the HomeLink indicator can flash green quickly; if the garage door still cannot be opened/closed normally after three times of pressing and holding the button that has been set for 3s, observe the following steps to create HomeLink:

1. Find "Learning"/"Intelligent"/"Program" button on the garage door opening motor.

### Note!

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The location, name, and color of the buttons may vary with the manufacturers, therefore please refer to the user manuals.

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2. Press and release the "Learning"/"Intelligent"/"Program" button, and then perform the next step within 30s.
3. Press and hold the button that needs to be set for 2s, repeat this operation for 3 times, and then press and release the button that needs to be set. The garage door will be opened/closed normally, i.e., the setting is completed.

### Deleting HomeLink

To delete HomeLink on three buttons simultaneously, you can press and hold the left and right buttons at the same time for more than 10s, and when the HomeLink indicator changes from continuous lighting to rapid flashing, release the two buttons.

### Caution!

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- It is not allowed to press and hold for more than 20s.
  - HomeLink on a single button cannot be deleted. If you want to change it, please refer to **Resetting HomeLink** ( p.123 ).
-

## Resetting HomeLink on a single button

If the HomeLink on a single button is abnormal and needs to be reset or replaced, observe the following steps to complete the resetting:

1. Press and hold the button on which the HomeLink needs to be reset, and after 20s, check that the HomeLink indicator slowly flashes orange.
2. After releasing the button that needs to be reset, refer to **Creating HomeLink** ( p.121 ) to reset or replace HomeLink.

### **Note!**

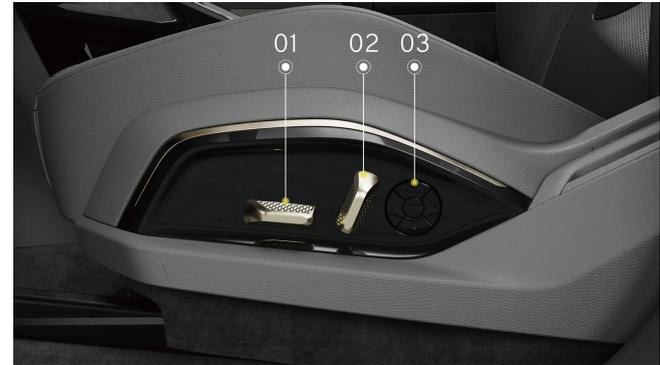
If you do not reset or replace HomeLink with reference to **Creating HomeLink** , it will restore to the previously stored HomeLink.

## Seat

### Front seat adjustment

#### Front seat adjustment

The electric adjustment button can be used to adjust the seat to a comfortable sitting position.



1. Move the front end of the control button up/down to adjust the cushion angle; Move the rear end of the control button up/down to adjust the cushion height; Move the control button forward/backward to adjust the seat forward and backward.
2. Move the control button forward/backward to adjust the seat back angle.
3. Press the top/bottom/front/rear of the lumbar support control button to adjust the lumbar support.

### **Warning!**

- Do not adjust the seat while the vehicle is running, otherwise it may cause loss of vehicle control and injury.
- The seat should be adjusted correctly to ensure proper operation of the brake pedal. Under this premise, the seat

position should be as far back as possible to ensure a comfortable ride and easy handling.

- Before driving, rock the front seats back and forth to ensure that the front seats are locked in place, otherwise, injury may occur in the event of an accident or emergency braking.
- Do not put your feet on the instrument panel, extend your feet out of the window, or place them on the seat, as this may cause personal injury.
- Do not incline the seat backrest excessively, otherwise the protection effect of the seat belt will not be guaranteed. For example, in the event of an accident or emergency braking, the person wearing the belt of the over-inclined seat may get lower than the seat belt and thus injured.
- Before moving the seat, make sure that the seat movement area is unobstructed so as to prevent damaging items or pinching passengers.
- After the vehicle is powered off, the electric adjustment function of the front seats still works. Do not leave children alone in the vehicle, otherwise there may be a risk of injury.

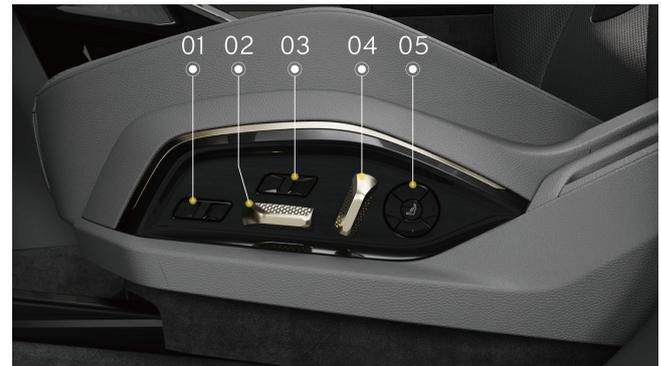
## **Note!**

- The front seat headrest is an integrated headrest that cannot be disassembled.

- You can only operate up to two electric seat adjustment switches at a time to adjust the seat.

### **Front seat adjustment\***

The electric adjustment button can be used to adjust the seat to a comfortable sitting position.



1. Press the front/rear of the control button to adjust the cushion extension.
2. Move the front end of the control button up/down to adjust the cushion angle; Move the rear end of the control button up/down to adjust the cushion height; Move the control button forward/backward to adjust the seat forward and backward.

3. Press the front/rear of the control button to adjust the seat back support.
4. Move the control button forward/backward to adjust the seat back angle; Move the control button up/down to adjust the headrest height.
5. Press the top/bottom/front/rear of the combination button to adjust the lumbar support; Press the middle  button to activate the seat massage function.

### **Warning!**

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- Do not adjust the seat while the vehicle is running, otherwise it may cause loss of vehicle control and injury.
- The seat should be adjusted correctly to ensure proper operation of the brake pedal. Under this premise, the seat position should be as far back as possible to ensure a comfortable ride and easy handling.
- Before driving, rock the front seats back and forth to ensure that the front seats are locked in place, otherwise, injury may occur in the event of an accident or emergency braking.
- Do not put your feet on the instrument panel, extend your feet out of the window, or place them on the seat, as this may cause personal injury.
- Do not incline the seat backrest excessively, otherwise the protection effect of the seat belt will not be guaranteed. For example, in the event of an accident or emergency braking, the

person wearing the belt of the over-inclined seat may get lower than the seat belt and thus injured.

- Before moving the seat, make sure that the seat movement area is unobstructed so as to prevent damaging items or pinching passengers.
- After the vehicle is powered off, the electric adjustment function of the front seats still works. Do not leave children alone in the vehicle, otherwise there may be a risk of injury.

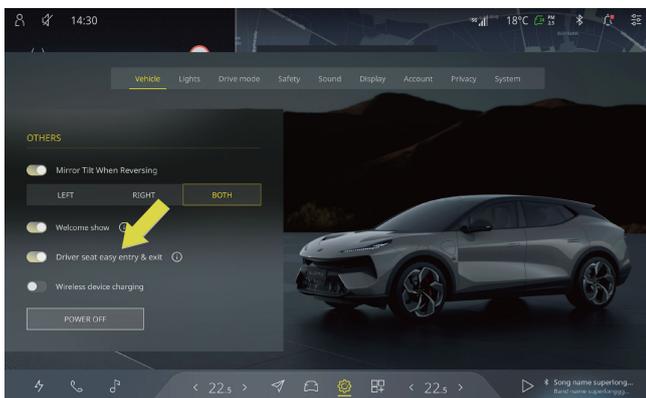
### **Note!**

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- The front seat headrest is an integrated headrest that cannot be disassembled.
  - You can only operate up to two electric seat adjustment switches at a time to adjust the seat.
- 

### **Easy access**

The easy access function allows the driver to leave or enter the vehicle more conveniently by automatic adjustment of seat.



Click the  icon in the CSD and select the **Vehicle** to turn on or off the easy access function.

The easy access function will be activated (if turned on) when the driver opens the door at a vehicle speed below 5km/h while sitting in the driver seat, allowing the seat to be retracted and lowered to facilitate the driver's exit.

Once someone is detected on the corresponding seat after the driver side door is closed, the driver seat will automatically adjust to the position where the driver got off the car last time.

## Note!

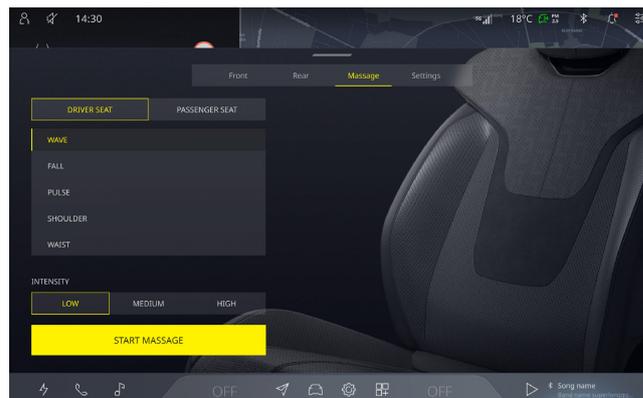
- The easy access function will not work at a vehicle speed  $\geq$  5km/h, even if it is turned on.

- The easy access function, if turned on, will also not work when the driver seat is not far from the rearmost position.

## Caution!

In the process of easy access, please pay attention to the rear passengers to avoid squeezing and collision. You can interrupt the easy access by manually adjusting the seat switch.

## Front seat massage\*



You can click **Message** in the A/C control interface on central stack display to switch to Front Seat Massage Setting Interface, and then select the massage modes and massage intensities according to your needs.

## Rear seat adjustment

### Rear seat adjustment

The electric adjustment button can be used to adjust the seat position to a comfortable sitting position.



Seat back angle adjustment

1. Move the control button forward/backward to adjust the seat back angle.

### **⚠ Warning!**

- Before driving, shake the rear seat back and forth to make it lock in place, otherwise, in the event of an accident or sudden braking, personal injury may occur.

- Do not extend your feet out of the window, or place them on the seat, as this may cause personal injury.
- Do not incline the seat backrest excessively, otherwise the protection effect of the seat belt will not be guaranteed. For example, in the event of an accident or emergency braking, the person wearing the belt of the over-inclined seat may get lower than the seat belt and thus injured.
- Before moving the seat, make sure that the seat movement area is unobstructed so as to prevent damaging items or pinching passengers.
- After the vehicle is powered off, the electric adjustment function of rear seat still works. Do not leave children alone in the vehicle, otherwise there may be a risk of injury.

## Rear headrest



Rear headrest button



Rear sleeping headrest button\*

The rear passengers can manually adjust the height of the rear headrest according to their height until their heads can rest completely against the headrest:

- Pull upward to adjust the rear headrest upward.
- Press and hold the rear headrest button to adjust the rear headrest downward.

### **⚠ Warning!**

After adjustment of the headrest, release the rear headrest button and pull up or press down the headrest until a click sound is heard to ensure the headrest is locked in place.

## Folding/unfolding of rear seat



The locking device is located on the outer side of the head restraint

### 1. Unlock indicator

Press the locking device and fold the rear seat backrest forward when the unlocking indicator is fully ejected.

Pull out the rear seat belt at the corresponding side, turn the seat backrest backward, and the unlock indicator retracts, that is, the rear seat backrest is fully extended and locked.

### **⚠ Warning!**

Before using the rear seat, make sure that the rear seat backrest is locked in place.

### **⚠ Caution!**

Before folding the rear seat backrest, please remove the objects on the seat, unfasten the seat belt and retract the centre armrest, otherwise the seat may be damaged.

### **ⓘ Note!**

Please lower the rear seat head restraint to the lowest and adjust the front seat backrest forward properly, otherwise the rear seat backrest may not fold completely.

### **Rear seat adjustment\***

The electric adjustment button can be used to adjust the seat position to a comfortable sitting position.



1. Move the front end of the control button up/down to adjust the cushion angle; Move the control button forward/backward to adjust the seat forward and backward.
2. Press the front/rear of the control button to adjust the back support.
3. Move the control button forward/backward to adjust the seat back angle; Move the control button up/down to adjust the headrest height.
4. Press the top/bottom/front/rear of the combination button to adjust the lumbar support; Press the middle  button of the combination button to activate the seat massage function.

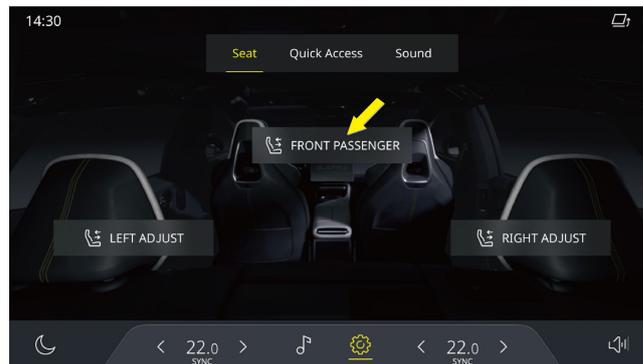
## ⚠ Warning!

- Before driving, shake the rear seat back and forth to make it lock in place, otherwise, in the event of an accident or sudden braking, personal injury may occur.
- Do not extend your feet out of the window, or place them on the seat, as this may cause personal injury.
- Do not incline the seat backrest excessively, otherwise the protection effect of the seat belt will not be guaranteed. For example, in the event of an accident or emergency braking, the person wearing the belt of the over-inclined seat may get lower than the seat belt and thus injured.
- Before moving the seat, make sure that the seat movement area is unobstructed so as to prevent damaging items or pinching passengers.
- After the vehicle is powered off, the electric adjustment function of rear seat still works. Do not leave children alone in the vehicle, otherwise there may be a risk of injury.

## 📘 Note!

At the same time, you can only control one electric adjustment seat switch to adjust the seat.

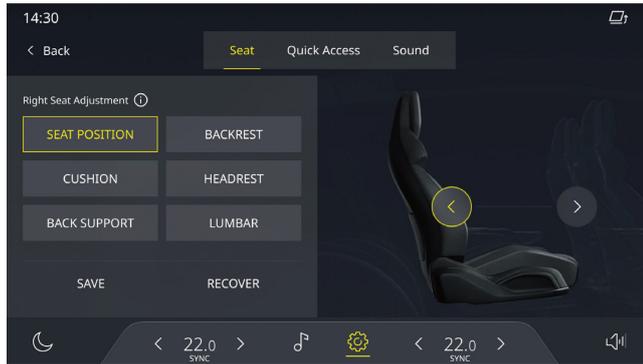
## CO-PILOT



### CO-PILOT switch

Click the icon  on rear display and select **Seat** to access the seat settings interface, where the position of front passenger seat can be adjusted by clicking the **CO-PILOT**.

## Rear seat memory\*



Rear seat memory setting interface

Click the icon  on rear display and select **Seat** to access the seat settings interface, where the position of rear seat can be adjusted as required. Click **SAVE** to store the current seat position.

Click **RECOVER** to return to the saved memory position.

### **Warning!**

Do not activate rear seat memory function during driving.

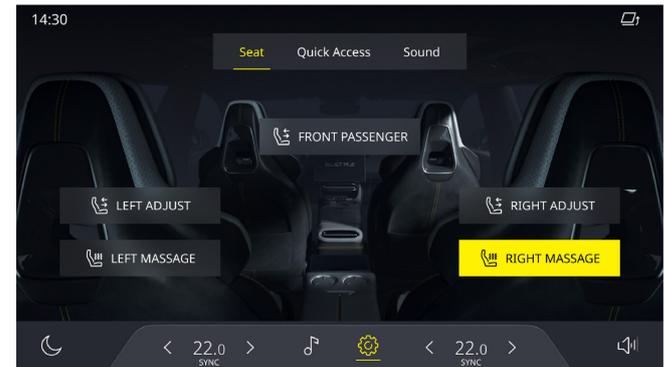
### **Caution!**

Do not obstruct the automatic adjustment of the seat, otherwise the seat may be damaged.

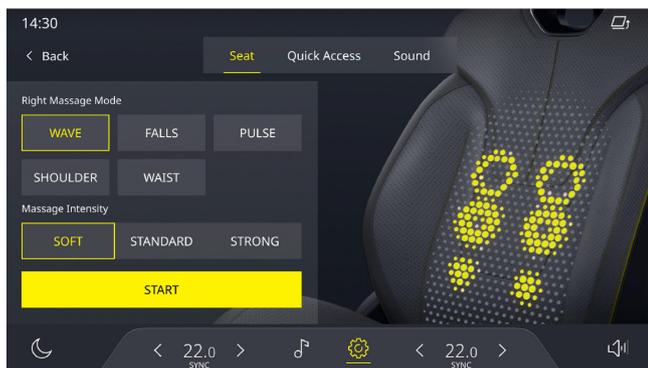
## **Note!**

During the automatic adjustment of the seat, if the seat position is manually adjusted, the automatic adjustment of seat will be stopped.

## Rear seat massage\*



You can click the icon  on the rear display, select **Seat**, and click the seat massage at corresponding side to switch to Rear Seat Massage Setting Interface.



You can select the massage modes and massage intensities according to your needs.

### Remove the rear headrest

1. After folding the rear seat backrest to a certain angle, press and hold the buttons on the inside and outside of the headrest at the same time.
2. Pull the headrest upwards.

### **⚠ Warning!**

- Never drive the vehicle with the headrests of the passenger's rear seat removed, as this increases the risk of neck injury in the event of a collision.

- Store the removed rear headrests properly, otherwise the moving headrests may cause injury in the event of an accident or emergency braking.

### Refit the rear headrest

1. Align the headrest rod with the mounting hole on the seat backrest.
2. Press and hold the button corresponding to the headrest and press the headrest down.
3. Expand and lock the rear seat backrest.
4. Adjust the height of the headrest according to your height and make sure that the headrest is fully locked.

## Seat heating

### Front seat heating

You can adjust the seat heating by doing the following:

- Click the **Front** in the climate control surface of CSD to switch to the front climate control interface, and click the seat heating function  icon to turn on seat heating. The heating level ranges from 0 to 3, of which level 1 has the lowest power and the slowest heating, level 3 has the highest power and the fastest heating, and level 0 is to turn off the seat heating.

When you click the seat heating  icon to turn on seat heating, the default is level 3. Repeat clicking to decrease the level further until the heating function stops.

- Intelligent voice can turn front seat heating on/off or adjust the position of front seat heating.
- Switch to the A/C setting interface through the **Climate** on the mobile APP interface, and click on the corresponding seat to display the seat working mode. The adjustment on the mobile APP is the same as that of the CSD.



Mobile APP seat heating setting interface

## Warning!

If you or the passengers of the vehicle are unable to monitor the temperature of the seat or the parts of the body that come into contact with the seat cannot perceive pain, do not use the seat heating function, otherwise it may cause personal injury.

The following groups of people include, but are not limited to:

- Infants, children, the elderly, people with disabilities or sick.
- People with sensitive skin or people whose skin is prone to burns.
- Exhausted passengers.
- Drunken passengers.
- People who are taking medicines can feel sleepy, drowsy, or other unwell (sleeping pills, cold medicine, etc.).
- Other passengers who are unable to monitor seat temperature or have no sense of pain.

## Note!

- Low level of high voltage battery may cause the seat heating function failure to be activated. In this case, the CSD will display corresponding text prompt.

- If the heating function fails, the seat heating icon in the CSD turns grey, please contact the Lotus Customer Care Centre in time.

When the vehicle is restarted, if the difference between the ambient temperature and the temperature of the previous stop is small, the seat heating function will automatically turn on according to the previous position.

### Seat heating settings



Front seat heating setting interface

Click the **Settings** in the climate control interface on the CSD to switch to the front seat heating setting interface.

Seat heating time is available from 5 minutes, 15 minutes, 30 minutes or without restrictions. (The default is 15 minutes.)

### Rear seat heating\*

Click the **Rear** in the climate control interface of the CSD to switch to the rear climate control interface. For the activation of the rear seat heating function, refer to the **Front seat heating** .

The rear seat heating function can also be controlled individually on the rear display, and the climate control interface can also be controlled.

## Seat ventilation\*

### Front seat ventilation

- Click the **Front** in the climate control interface of CSD to switch to the front climate control interface, and then click the seat ventilation function  icon to turn on the seat ventilation function. The ventilation level ranges from 0 to 3, of which level 1 has the lowest power and the slowest cooling, level 3 has the highest power and the fastest cooling, and level 0 is to turn off the seat ventilation.

When you click the seat ventilation  icon to turn on seat ventilation, the default is level 3. Repeat clicking to decrease the level further until the ventilation function stops.

- Intelligent voice can turn front seat ventilation on/off or adjust the position of front seat ventilation.
- Switch to the A/C setting interface through the **Climate** on the mobile APP interface, and click on the corresponding seat to display the seat working mode. The adjustment on the mobile APP is the same as that of the CSD.



Mobile APP seat ventilation setting interface

## **Note!**

- Low level of high voltage battery may cause the seat ventilation function failure to be activated. In this case, the CSD will display corresponding text prompt.

- If the ventilation function fails, the seat ventilation icon will turn to grey. At this time, please contact the Lotus authorized repairer in time.

## Seat ventilation settings



Front seat ventilation setting interface

Click the **Settings** in the climate control interface on the CSD to switch to the front seat ventilation setting interface.

The seat ventilation time is available from 5 minutes, 15 minutes, 30 minutes or without restrictions. (The default is 15 minutes.)

## Rear seat ventilation

Click the **Rear** in the climate control interface of the CSD to switch to the rear climate control interface. For the activation of the rear seat ventilation function, refer to the **Front seat ventilation** .

The rear seat ventilation function can also be controlled individually on the rear display, and the climate control interface can also be controlled.

## Air conditioner

### Four-zone air-conditioner control system

Click the TEMP value on CSD to enter the climate control interface.

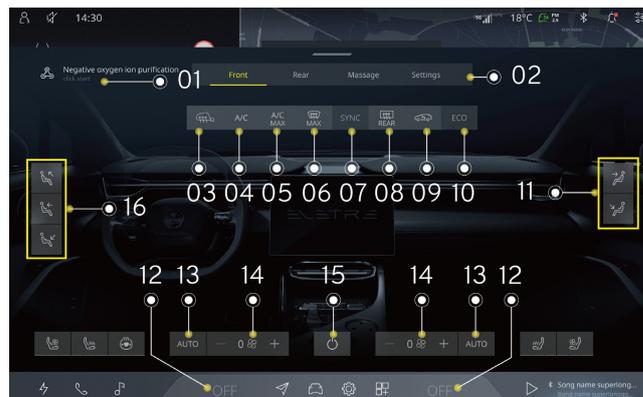
The automatic four-zone A/C control system is automatically controlled according to the pre-set temperature in the vehicle, and the temperature, air volume and air direction of the left front, right front, left rear and right rear climate area in the vehicle can be adjusted separately according to the ambient temperature, interior temperature, sunshine, air quality and window fog.

When setting the climate of individual zone manually, the climate of other zones can still be in auto mode.

## ⓘ Note!

- You can switch between the front and rear A/C control panels on the CSD to control the four-zone A/C system.
- When the vehicle's battery level is below 5% and a low-power charging station is used for charging, the air conditioning will temporarily become unusable.
- It is recommended that you regularly send your vehicle to the Lotus Customer Care Centre for inspection or replacement of the A/C refrigerant. If you have any problems with the A/C system during this period, please contact the Lotus Customer Care Centre in time.

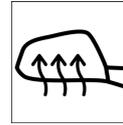
### Front climate control interface



1. ION (negative oxygen ion) switch\*
2. Top control bar
3. Streaming mirror defrosting/defogging switch\*
4. A/C switch
5. A/C MAX switch
6. Front windscreen defrosting/defogging switch
7. Four-zone synchronous switch
8. Rear windscreen defrosting/defogging switch
9. Internal and external circulation switch
10. ECO (economy mode) switch
11. Front passenger side air outlet mode
12. Driver/front passenger side temperature adjustment switch
13. Driver/front passenger side Auto A/C switch
14. Driver/front passenger side air volume setting switch
15. Front A/C system switch
16. Driver side air outlet mode



ION switch: click to turn on or off the negative oxygen ion function of the A/C.



Streaming mirror defrosting/defogging switch: click to turn on or off the exterior rear view mirror display defrost/defog function.



A/C switch: click to turn on or off the A/C refrigeration system. In auto mode, the A/C mode is on by default.



A/C MAX switch: after this switch is turned on by clicking, the air conditioning temperature will automatically adjust to the lowest and the air volume will be adjusted to the maximum.



Front windscreen defrost/defog switch: click on or off the maximum defrost/defogging function to quickly remove ice or fog from the front windscreen and side windows.



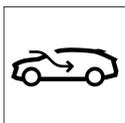
Four-zone sync switch: after the four-zone sync is activated by clicking, the temperature, air volume, blowing mode and auto mode in the vehicle can be adjusted synchronously from the driver side; after this feature is deactivated, each area can be adjusted separately. This function needs to be manually activated again every time the vehicle is started.



Rear windscreen and outside mirror defrost/defogging switches: click to turn on or off the defrost/defogging functions of rear windscreen and outside mirrors.



Internal circulation switch: click to activate the internal circulation of air in the vehicle.



External circulation switch: click to activate the external circulation of air in the vehicle.



Automatic circulation mode: when the A/C is turned to Auto mode, the internal/external circulation will be automatically activated.



ECO switch: click to turn on or off the economic operation mode of the A/C.



Window blowing mode: air flow blows front windscreen and front side window.



Face blowing mode: when the air outlet is opened, the air flow blows out from the centre and side air outlets, blowing the side faces of the driver and front passenger.



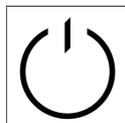
Foot blowing mode: air flow blows to the side feet of the driver and front passenger.



Air volume control switch: Click "-" or "+" switch on both sides of the fan to adjust the air volume at the corresponding side respectively. Adjust the air volume to reduce or increase by 1 gear, the higher the value, the greater the air volume.



Automatic air volume adjustment switch: Turn on auto mode and the air volume will be automatically adjusted.



Front A/C system switch: click to turn the front A/C system on or off.

## Warning!

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- Before driving, make sure that all windows are free of ice, snow or fog, otherwise your vision will be obstructed and you will be involved in a traffic accident.
- Do not turn on the internal circulation function for a long time, which may cause the air in the vehicle to be not fresh and the windows may fog.

## Note!

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- Turning off the A/C switch is not turning off the A/C system. The heater system may still be working.
  - When you turn on the air conditioning system for the first time in a very humid environment, it is normal for the windshield to produce slight fog.
  - If the air conditioning system operates with excessive noise, you can manually lower the air volume level.
  - The air conditioning compressor not only provides cooling for the passenger compartment, but also cools the battery. Therefore, in hot weather, even if the air conditioning is turned off, the compressor may still be working, which is a normal phenomenon. This is to maintain the battery in an optimal temperature range to ensure longer service life and optimal performance.
- During operation or when the air conditioning system is turned off, there may be a slight sound similar to running water or purring, which is a normal phenomenon when the refrigerant is working normally in the air conditioning system.
  - To ensure the efficiency of the temperature control system, please close all windows and ensure that the external grille in front of the windshield is free of ice, snow, leaves, and other debris.
  - After the four zone sync switch is turned on, you turn off the front and rear A/C systems simultaneously by clicking the front A/C system switch, adjusting the driver side air volume to level 0, or pressing the driver side temperature adjustment switch.
  - When you feel that the air inside the vehicle is muddy and dull, you can turn on the external circulation function to introduce the outside air into the vehicle to keep the air in the vehicle fresh.
  - In auto mode, the air volume can be selected from mild to strong in 5 levels. In non auto mode, the air volume can be selected from 7 levels.
  - When the air conditioning system is turned on while parked, it is normal for a small pool of water to form below the vehicle, which is excess water discharged during the dehumidification process.
  - When locking the car and leaving, if it is found that the air conditioning blower inside the cab is still working, it is normal for the air conditioning system to operate its self drying

function to minimize the accumulation of moisture or mold inside the air conditioning system.

### A/C control panel of front tunnel console



1. Driver side temperature adjustment switch
2. Passenger side temperature adjustment switch

Press the driver or passenger side temperature adjustment switch to turn on/off the A/C system in corresponding area in front row.

Turn the driver or passenger side temperature adjustment switch up or down to adjust the temperature of the A/C on the corresponding side.

### ⓘ Note!

- Long upward or downward temperature adjustment switch can quickly adjust the A/C temperature.
- Even if the high voltage battery is low, the use of the A/C will not be limited. Please note whether the high voltage battery meets the driving requirements.

### Auto mode

The four air-conditioner zones in the car can be switched individually to auto mode. You can switch the auto mode on/off by doing the following:

- Press the AUTO switch in the A/C control panel of the front tunnel console to turn on/off the automatic mode of the four climate zones.
- Click the AUTO switch for individual climate zone on the front or rear A/C control panel to enable/disable the AUTO mode of corresponding climate zone.

AUTO

Auto mode: after clicking it on, the A/C system automatically controls the temperature, air volume and air direction according to the temperature you set in the vehicle, and maintains the temperature in the vehicle at the temperature value you set.

The auto mode is deactivated when any of the following occurs:

- Enable maximum defrost function.
- Adjust the blowing mode.
- Turn on A/C MAX.
- Turn off the AUTO switch.

### Temperature adjustment

The four climate zones in the vehicle can be individually adjusted for temperature. When the front or rear A/C system is turned on, you can click the TEMP value and drag it left and right on the front or rear climate control interface to quickly select the expected temperature value, or you can click < or > on both sides of the TEMP to adjust the temperature.

### Rear climate control interface of CSD



1. Top control bar
2. Rear left/right air outlet mode
3. Rear left/right temperature adjustment switch
4. Rear left/right Auto A/C switch
5. Rear left/right air volume setting switch
6. Rear A/C system switch

The activation/deactivation of rear climate control interface on the CSD can be found in the activation/deactivation of **Front climate control interface** ( p.136 ).

### Rear climate control interface

There is a rear A/C control panel on the centre armrest of the rear seat. Some models have a rear A/C control panel in the rear seat center armrest.



1. Rear seat setting switch
2. Rear left/right air outlet mode
3. Rear left/right temperature adjustment switch
4. Rear left/right Auto A/C switch
5. Rear left/right air volume setting switch
6. Rear A/C system switch



Rear seat setting switch: click to enter the rear seat setting interface.



Face blowing mode: when the air outlets are opened, the air flow blows out from the centre and side air outlets, blowing the faces of the rear passengers.



Feet blowing mode: air flow blows towards the feet of the rear passengers.



Auto mode: after clicking it on, the A/C system automatically controls the temperature, air volume and air direction according to the temperature you set in the vehicle, and maintains the temperature in the vehicle at the temperature value you set.



Air volume control switch: click "-" or "+" switch on both sides of the fan to adjust the air volume at the corresponding side respectively. Adjust the air volume to reduce or increase by 1 gear, the higher the value, the greater the air volume.



Automatic air volume adjustment switch: turn on auto mode and the air volume will be automatically adjusted.



Rear A/C system switch: click to turn the rear A/C system on or off.

### Remotely control A/C



Remote A/C switch on mobile APP

You can remotely turn on or off the A/C in the following ways:

- Click the remote A/C switch of mobile APP to turn on or off the A/C remotely.
- Click the **Climate** on mobile APP interface, switch to the A/C setting interface, click  to turn on or off the A/C.

- Click the **Climate** on mobile APP interface, switch to the A/C setting interface, and click HI or LO to directly adjust the temperature to the highest or lowest when the air conditioning is turned on.

After the A/C is turned on, you can drag the slider to any position of the temperature adjustment slider to set the temperature in the vehicle.

There are 12 levels to be selected for the remote control of the A/C on mobile APP (minimum 5 minutes, maximum 60 minutes). If you need to use the A/C for a longer time, you must remotely turn on the A/C system again.

If the air in the car is turbid, you can also click the **Ventilation** switch, and remotely turn on the cabin cleaning function before getting in the car to allow the outside air entering the car for a period of time to remove the odor inside the car and keep the air inside the car fresh. In high temperature weather, doing this can also play a certain cooling effect.

### Note!

- The remote control of A/C with mobile APP only supports setting the temperature in the whole car other than in individual zones.

- Any operation of the mobile APP to remotely control the air conditioner will stop immediately after the driver unlocks the vehicle.

## A/C settings



### • Air quality

The air quality detection system can detect the CO<sub>2</sub> concentration, humidity and PM2.5 in the air inside the vehicle respectively, and display the service life of the A/C filter element, reminding you to timely maintain and service to improve the air purification function.

If your vehicle is equipped with ION (negative oxygen ion) function, you can click the ION switch on the front A/C control panel to turn on, so that small charged particles of PM2.5 level can be adsorbed

to each other into larger particles and then filtered by the filter element to improve the air cleanliness.

## ⓘ Note!

- After the ION air purifier is turned on, it is recommended that you close the windows.
- When the service life of the air conditioning filter element is less than 20%, please go to the Lotus Customer Care Centre to replace it in time.
- Reuse of the air conditioning filter may lead to a decrease in the air quality in the car, make sure that the air conditioning filter has been replaced before resetting the service life of the air conditioning filter.

### • Cabin overheat protection

Click the **Settings** in the climate control interface to enter the climate setting interface, where you can choose to turn on or off the cabin overheat protection.

The temperature control system can reduce the temperature in the car when the ambient temperature is extremely high. After this function is enabled, the A/C system will start to cool down the car when the temperature in the car is monitored to exceed 40°C.

After you leave and lock the vehicle, this feature will automatically turn off after about 24 hours, but the function switch will remain on until you manually turn it off.

## Warning!

Never leave children or pets unattended in the car. Under extreme external conditions, the interior of the car may become dangerously hot even if the cabin overheat protection function is activated.

## Note!

When the high voltage battery capacity is less than 20%, the cabin overheat protection function in the vehicle cannot be activated or stopped.

When the front windshield may be fogged, and the air CO<sub>2</sub> concentration, humidity and PM2.5 concentration is high in the air inside the vehicle, the pop-up window will be triggered to remind you to turn on the automatic A/C. You can choose to **OPEN NOW** or **CANCEL** the A/C. If you do not handle it within a period of time, the A/C will automatically start.



## Note!

Turn off all automatic functions in the climate setting interface to avoid automatically turning on the A/C system.

### Air quality system (AQS)

The multiple filter can filter out smoke and solid particles from the air entering the vehicle, and remove odour and pollutants to maintain a healthy and fresh environment in the vehicle. The air quality sensor monitors the content of pollutants in the air outside the vehicle. When the pollutant content reaches a certain level, the air inlet will be closed, and the air in the passenger compartment will begin to circulate internally to avoid being polluted by the outside air.

## Air inlet



There may be leaves and insects built up in the A/C exterior vents in the grille under the rear of the bonnet, so please clean up them regularly to avoid blockages.

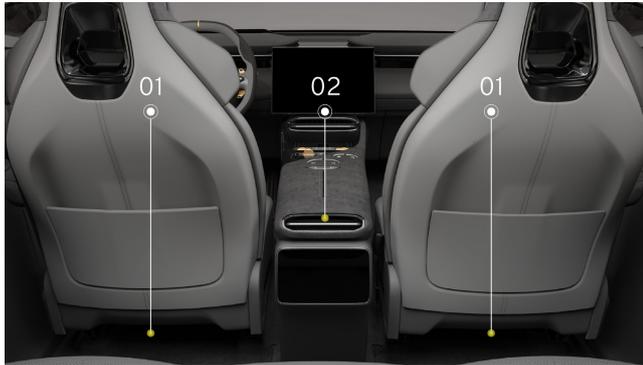
## Air outlet

### Overview of front air outlet



1. Side defrost air outlet
2. Front side air outlet
3. Front windscreen defrost air outlet
4. Front foot air outlet
5. Middle air outlet

### Overview of rear air outlet



1. Rear foot air outlet
2. Rear air outlet of tunnel console

### Overview of rear air outlet\*



1. Rear foot air outlet
2. Rear air outlet of tunnel console

### Air conditioner outlet adjustment

The front air conditioner outlet is arranged with 4 electric adjustable air outlets, the rear is arranged with 2 electric adjustable air outlets, and each side of the B pillar is arranged with 1 manually adjustable air outlet, and each air outlet can be adjusted separately.



### Wind beam adjustment interface

On the front air conditioner control screen, double-click to turn on the corresponding crosswind beam and double-click again to turn it off. Click and drag the wind beam to adjust the wind direction.

The way to adjust the wind direction in the CSD and the rear display screen is the same.



### Rear side air outlet

The air outlets on the interior panels on both sides of the B-pillar can adjust the wind direction through the blades at the air outlets.

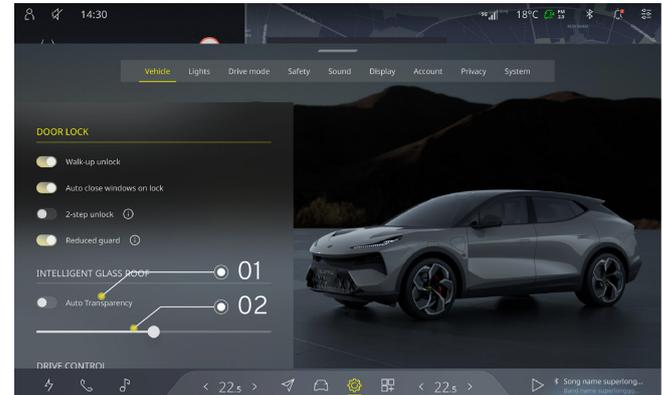
## Panoramic sunroof\*

The vehicle is equipped with a panoramic sunroof, which provides you with a wider field of vision, and the transparency of the sunroof can be adjusted for a better experience.



Panoramic sunroof

## Transparency adjustment



transparency adjustment interface

1. Auto transparency
2. Transparency adjustment switch

You can click the  icon on CSD as needed, select the **Vehicle**, and switch to the transparency adjustment interface.

### Manual transparency adjustment

Roof glass transparency has multiple gears, click or drag the slider to any position on the transparency adjustment slider to set the roof glass transparency.

### Automatic transparency adjustment

Turn on the roof glass transparency automatic adjustment switch, the roof glass transparency will be adjusted automatically according to the ambient temperature and light intensity.

### **i** Note!

After auto-adjust is turned on, manual adjustments cannot be made.

The roof glass transparency can also be adjusted automatically by any of the following operations:

- After the car is unlocked, the roof glass transparency is adjusted automatically to the transparency level when the car was last locked.
- When the car is locked from outside the car, the roof glass transparency will be adjusted automatically to the maximum level for complete atomization.

### Intelligent voice transparency adjustment

You can adjust the roof glass transparency by intelligent voice.

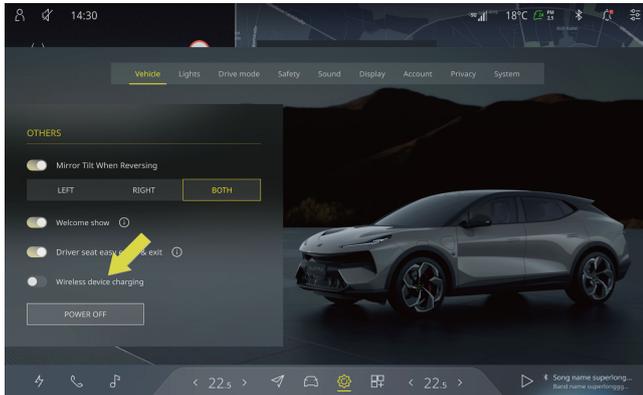
After intelligent voice adjustment of the roof glass transparency to the maximum or minimum gear, it will be reminded by voice.

## Wireless device charging



Sensing area for wireless charging

When charging, please place the mobile phone face up within the sensing area for wireless charging.



Wireless charging setup interface

Click the  icon in the CSD to enable or disable the wireless charging function of mobile phones in the **Vehicle** function setting interface. When you click to turn on the mobile phone wireless charging function, there will be a pop-up window prompting to confirm again.

## Warning!

- Do not place objects containing metal components in the sensing area for wireless charging together with the mobile phone, otherwise the objects containing metal components may be heated or damaged, causing a safety accident.
- Drivers should not set up wireless charging during driving.

## Caution!

- Before using wireless charging, make sure your card keys, credit cards or other magnetic objects are far away from the charging area to avoid damage.
- Do not put the unattended mobile phone in the vehicle for charging, so as to avoid the safety risk.
- Do not spill water in the front storage box to prevent water from entering the wireless charging module and causing damage to the electronic components.
- Please do not place heavy objects in the charging area to avoid damaging the wireless charging module of the mobile phone.

## Note!

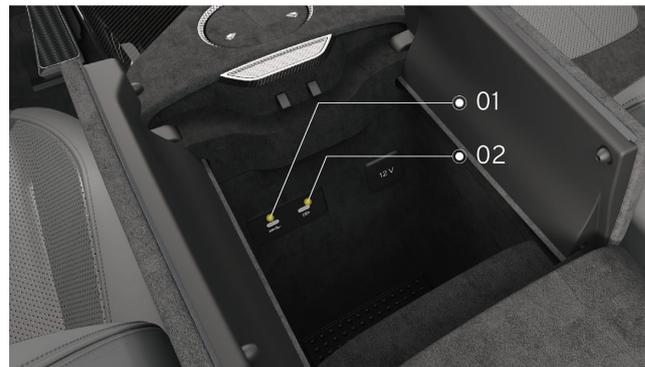
- Use the card key to start the vehicle, and when the vehicle is in the READY state, you can remove the card key to charge the mobile phone. If the card key is not removed to use the wireless charging function, there will be a prompt alarm on the CSD, and the mobile phone cannot be charged normally.
- The wireless charging function only supports mobile phones, earphones, stereos and other devices that meet the wireless charging protocol.

- When using the wireless charging function, place the device in the centre of the charging area. Otherwise, the device can't be charged or the charging efficiency is low.
  - Only 1 mobile phone can be charged at a time.
  - If the phone case is made of special material (e.g. case with metal stand/metal magnet) or is too thick, it may cause charging failure.
  - When driving on a bumpy road, wireless charging of the mobile phone may be intermittently stopped.
  - If the mobile phone cannot be charged properly, always make sure that the mobile phone is placed in the wireless charging area without foreign objects, or wait for the sensing area for wireless charging to cool down before another try. If it is still impossible to charge, please contact a Lotus Customer Care Centre in time.
  - During charging, the temperature of the mobile phone itself rises as a normal phenomenon.
  - When the temperature of the mobile phone is too high, the vehicle may stop charging to protect the battery of the mobile phone and restore charging when the temperature of the mobile phone drops.
- 

## Car power

### TYPE-C port

#### Front TYPE-C ports



1. Data transmission interface (DTI)
2. Charging port

Two TYPE-C ports are provided in front armrest box. Data transmission interface supports data transmission between terminal products such as mobile phones, USB flash drives, tablets and the infotainment head unit(IHU), and can also be used to charge the

terminal products. Charging port can be used for charging terminal products such as mobile phones/tablets.



After the armrest is closed, the charging cable or data cable can be extended from the shown position.

### Rear TYPE-C ports



There are two TYPE-C ports in the lower centre of the rear seat cushion, which can be used by passengers for charging.

## Rear TYPE-C ports\*



There are two TYPE-C ports in the rear central armrest box, which can be used by passengers for charging.

## 12V power supply

There are 12V power supplies in the front armrest box and the boot respectively, which support a maximum power of 120W to charge the electronic equipment.



12V power supply in front armrest box

Flip the protective cover to the right to use it.



12V power supply in boot

Press the front of the protective cover to automatically pop up the cover for use.

### **⚠ Warning!**

- Do not insert your fingers or conductive objects (such as pens) into the socket, and do not touch the socket with wet hands, otherwise you may get an electric shock.
- When the 12V power supply is not in use, please close the protective cover. Never allow water or any other liquid to come into contact with the socket.

### **⚠ Caution!**

- Do not use electrical accessories with ratings greater than 12V or 120W, as this may cause the system to malfunction.
- Do not use equipment that may interfere with the radio receiver or electrical system of the vehicle.
- Connected devices may get hot during charging. Make sure that the hot devices will not endanger personnel or cause financial damages.

## Sun visors and vanity mirrors

### Sun visor

Rational use of sun visors can effectively block sunlight and avoid sun glare.



Flip down the sun visor to open it and adjust the angle as needed to block the sun.



Flip the sun visor to the side if sunlight enters the vehicle from side windows.

### Vanity mirror

The vanity mirrors are installed on the inner side of the sun visors. Flip down the sun visor and flip up the vanity mirror cover to use the mirror, and the vanity mirror light will be illuminated automatically.



### **Warning!**

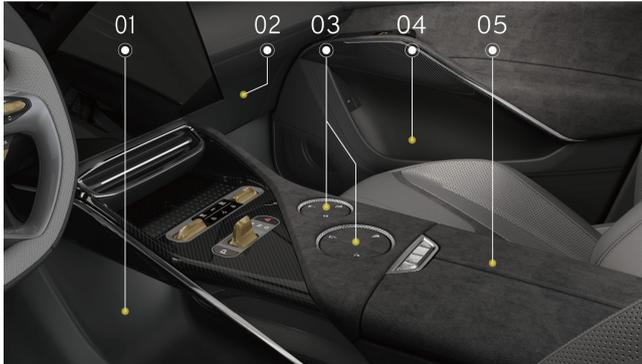
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Do not uncover the vanity mirrors during driving, otherwise the light reflected from them may endanger you and others.

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# Storage device

## Front storage device



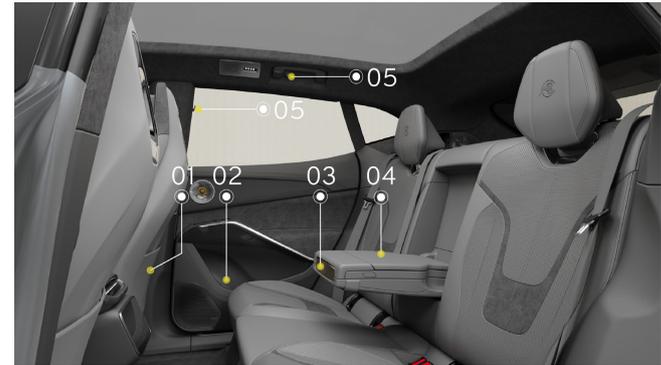
1. Front tunnel console lower pocket\*
2. Glove box
3. Front liftable cup holder
4. Front door pocket
5. Front central armrest box

### **⚠ Warning!**

If your vehicle has storage space under the front dashboard, please do not place items that cannot be placed smoothly, such as water

cups, circular or cylindrical objects. Otherwise, in the event of an emergency braking or collision accident, it may cause personal injury or damage to objects due to collision within the vehicle.

## Rear storage device

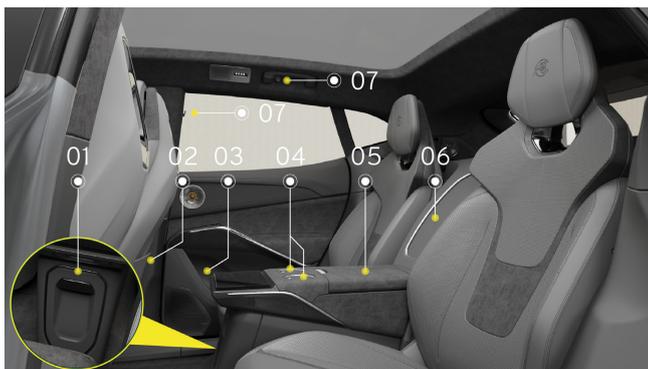


1. Backrest storage bag
2. Rear door pocket
3. Rear central armrest cup holder
4. Rear central armrest box
5. Coat hook

## **⚠ Warning!**

Loose items should be stored in the glove box or other storage devices to ensure that they are fixed in place. Otherwise, they may cause harm to the passengers in the vehicle during a sudden brake or an accident.

### Rear storage device\*



1. Rear tunnel console pocket
2. Backrest storage bag
3. Rear door pocket
4. Rear liftable cup holder
5. Rear central armrest box

6. Rear seat backrest pocket
7. Coat hook

## **⚠ Warning!**

Loose items should be stored in the glove box or other storage devices to ensure that they are fixed in place. Otherwise, they may cause harm to the passengers in the vehicle during a sudden brake or an accident.

### Coat hook



Coat hooks are installed on both sides of the rear B-pillar and above the door for passengers to place clothes or hats.

## **Note!**

Do not hang heavy objects on the coat hooks to avoid damaging them.

### Front cup holder



#### Liftable cup holder

There is a liftable cup holder on the front/rear tunnel console. To use the cup holder, press it until its bottom is locked, and then place the cup on the cup holder of the appropriate size. You can also place the cup on the appropriate holder and press the cup to allow the holder moving to the bottom and getting locked.

## **Note!**

Pressing the cup to move the cup holder to the bottom locks the cup is not suitable for soft materials (such as paper cups, soft plastic cups).



#### Cup holder unlock switch

Take out the water cup and press the unlock switch to make the cup holder automatically rise to the initial position.

## **Warning!**

- Do not put hot drinks in the cup holder to avoid injury or damage to vehicle components.

- After pressing the unlock switch, retract your hand in time to avoid pinch injuries during the automatic ascent of the cup holder.

### Caution!

- Do not forcibly put an inappropriate container into the cup holder, otherwise the container or vehicle parts may be damaged.
- When using the cup holder, it should be avoided that tiny items and other debris fall into the cup holder, so as to prevent the cup holder from getting stuck when lifting and lowering, affecting the use.

### Note!

In extremely low temperature environment, the cup holder automatically rises slowly or even cannot rise.

### Rear cup holders



Press the front end of the cup holder to make the cup holder automatically pop up.



When the rear cup holder is not in use, push the cup holder back to lock.

### **⚠ Warning!**

Do not put hot drinks in the cup holder that are not tightly covered to prevent scalding during the moving of the vehicle.

### **⚠ Caution!**

Do not forcibly put an inappropriate container into the cup holder, otherwise the container or vehicle may be damaged.

### **ⓘ Note!**

It is normal for the cup holder to pop out slowly or even unable at low temperature.

### Opening/closing of glove box



Glove box switch

Click the glove box unlock switch  , the glove box will open automatically and the glove box indicator will be illuminated automatically.



Push the glove box back to lock it properly, and the glove box indicator will go out automatically.

### **⚠ Warning!**

Be sure to keep the glove box closed during driving. Otherwise, it may cause harm to the passengers in the vehicle during a sudden brake or an accident.

### **ⓘ Note!**

- If the glove box cannot be opened due to low power of the vehicle, please contact Lotus Customer Care Centre.
- It is normal for the glove box to open slowly at low temperature.

### **Rear tunnel console pocket\***



The rear tunnel console pocket is located under the rear seat centre armrest, which can be opened by pulling it out.

### Rear seat backrest pocket\*



The rear seat backrest pocket is located in the centre of the rear seat backrest, and is pushed down to the bottom lock; Press again and close automatically.

#### **ⓘ Note!**

In extremely low temperature environment, the rear seat backrest automatically rises slowly or even cannot rise.

### Pocket under boot floor



Additional pocket is provided under the boot floor, which can be used to store the charging equipment in the vehicle.

Press the flip handle and pull up the back of the cover.

#### **ⓘ Note!**

Do not let the cover fall on its own when closing, and always use your hand to hold it slowly to close.

### Boot load

There are hooks on the boot floor that hold the luggage in place. Before using the boot hook, flip the hook from the floor.



### **Warning!**

- It is strictly forbidden to use inferior or damaged binding strap, otherwise it may break in the event of emergency braking or accident, and the luggage in the boot will be thrown and cause personal injury.
- It is forbidden to use hooks to secure child safety seats.

### **Caution!**

When using the boot hook, do not exceed the maximum tensile strength of the hook.

### **Bonnet storage box**

The bonnet is equipped with a storage box which can be used to store articles or tools.

To **Opening of bonnet** ( p.73 ), pull up the lock of the bonnet storage box and flip up to open the bonnet storage box.



## Coat rack

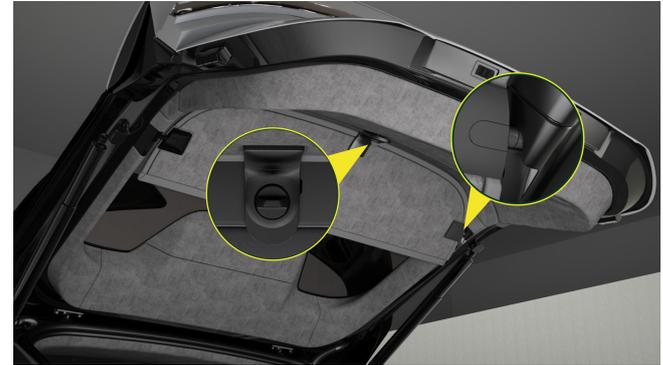


A coat rack is provided behind the rear seat, which can be used to put clothes, hats and other light items.

When the tailgate is open, pull out the coat rack to remove it.

### **⚠ Warning!**

Do not place items or heavy objects that are easy to roll, otherwise it is easy to cause personal injury when braking urgently.



The rear coat rack is mounted on the interior trim panel of the tailgate. You can clamp it onto the spindle at both ends, align the knob with the fixing point of the tailgate, and turn clockwise to lock the coat rack.

To remove the coat rack, you can turn the knob anticlockwise to unlock it, undo the connection between the coat rack knob and the tailgate, and then withdraw from the spindle.

### **ⓘ Note!**

- Please install the coat rack correctly, there will be a sense of block if the installation is not in place.
- The load bearing capacity of the coat rack should not exceed 5kg, as the front flip plate has no supporting structure and cannot carry articles.

- The turning angle of the flip plate should not exceed 60°, so as not to damage the plate structure.
- The surface of the coat rack is covered with leather, which should be kept away from sharp objects to avoid damage.

### Luggage rack\*



Luggage racks are located on either side of the vehicle roof.

Loading luggage or cargo on the luggage rack will cause the centre of gravity of the vehicle to be increased, which will have critical impact on vehicle handling and steering. If you need to load luggage or cargo, etc. on the roof, please follow the following instructions:

- Do not load luggage or cargo larger than 80kg on the roof of the vehicle.

- Distribute your luggage or cargo evenly over the rack, with the heaviest items at the bottom.
- Do not touch heavy or hard objects to the roof to prevent damage to the roof.
- Securely hold your luggage or cargo in place.
- Please drive smoothly and avoid sharp acceleration/braking and sharp turns.

## Center armrest

### Front centre armrest

#### Front centre armrest



Opening/closing of front centre armrest box

The front central armrest is equipped with a storage box, and it can be opened by pressing the front central armrest switch.

Push and close the front centre armrest box cover in the opposite direction of opening.

### **⚠ Warning!**

Be sure to keep the front centre armrest box closed during the driving, otherwise it may cause an accident and personal injury.

### **ⓘ Note!**

It is normal for the front central armrest box cover to open slowly at low temperature.

## Rear centre armrest

### Rear centre armrest



The centre armrest is installed in the middle of the rear seat backrest, which can be turned down and pulled out for use, and turned up and pressed back into the backrest for closing.



There is a storage box on the rear centre armrest.

The armrest box can be opened by pressing the unlocking switch on the side of the armrest box and flipping the armrest box cover upward. To close the armrest box, just turn down the cover until it is locked.

### Rear centre armrest\*



#### Opening/closing of rear centre armrest box

The rear centre armrest is provided with a storage box which can be opened by pressing the switch.

Flip the rear centre armrest in the opposite direction until the armrest box is closed.

#### **ⓘ Note!**

It is normal for the rear central armrest box cover to open slowly at low temperature.

## Towing mode\*

This vehicle supports towing a RV or trailer.

Before you decide to tow a RV or trailer, you should check the relevant local regulations on motor vehicles first. As the regulations in different regions are different, you need to select a RV or trailer of the appropriate size and consult your local service provider before towing.

### Use an electric tow hook



1. Open the tailgate, press the electric towing hook switch located in the boot. The electric towing hook will extend automatically.

2. Couple the RV or trailer with the extended towing hook and connect the trailer plug to the socket. The electrical connector is on the towing hook, the connector will be extended out together with the towing hook.



After the protective cover is opened, it can be used. The electric connector equipped with this vehicle adopts a 13-core coil, and the standard used for the power outlet is ISO 11446:2004. The specific pin functions are as follows:

Pin No.	Colour	Function
1	Yellow line	Left direction indicator lamp
2	Blue line	Rear fog lamp

Pin No.	Colour	Function
3	White line	General grounding line
4	Green line	Right direction indicator lamp
5	Brown line	Right running light
6	Red line	Brake light
7	Black line	Left running light
8	Pink line	Reversing light
9	Orange line	To battery
10	Grey line	Power switching (for refrigerator)
11	Black and white line	10-pin grounding line
12	Blue and white line	Towing inspection
13	Red and white line	9-pin grounding line

### Warning!

- When this function is opened, the electric tow hook will extend from the middle of the lower part of the rear bumper. Attention

should be paid to the nearby area where the electric tow hook extends to avoid bumping into people or objects when the electric tow hook extends.

- Always ensure a smooth start, and avoid sudden acceleration or braking on slippery roads, to prevent losing control of the vehicle due to slipping.
- 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.
- When a vehicle is towed, the braking distance will be increased. Therefore, the distance from the vehicle in front should be increased.
- When overtaking with a vehicle towed, it needs a longer distance for overtaking before returning to the original lane.
- When towing a vehicle, make sure to turn smoothly, try to avoid bumping or sudden operation of the steering wheel, and switch on the direction indicator lamps earlier.
- When towing a vehicle on a steep or long slope, you should slow down and downshift earlier. Control the driving speed according to the mass of the towed vehicle and the gradient of the road.
- Try to avoid parking on a slope. If unavoidable, the wedge blocks should be placed under the tyres of the towing vehicle and the towed vehicle, and the parking brake should be applied.

## Caution!

- Frequent operation of the electric tow hook will cause the motor to overheat and damage, the use of electric trailer hook expansion or contraction function at room temperature, it is recommended to interval a period of time; When the temperature is too low or too high, it is recommended to extend the interval again.
- Before driving, please ensure that the tyre pressure, lights and connections of the towing vehicle and the towed vehicle are normal.
- When towing a RV or trailer, please abide by the relevant local laws and regulations, and modification without permission is strictly forbidden.
- Always ensure that the goods are securely fixed on the towed vehicle, and the towed vehicle is kept level.
- Do not tow a RV or trailer during the running-in period of a new car.
- Ensure that the electric towing hook is stowed when no RV or trailer is towed.

### Additional mirrors and brackets

The outside mirrors of the towing vehicle shall meet the legal requirements. If not, please install suitable mirrors for the towing vehicle.

- Type 1: pasted on the surface of the outside mirror.
- Type 2: mount a bracket on the frame to clamp.

### Technical parameter

The towing capacity of the vehicle will depend on the vehicle specifications, load, road conditions and the specifications of the vehicle to be towed, etc. Please refer to the table below for specific parameters.

Item	Parameters
Maximum allowable towing mass (with braking) (kg)	2250
Maximum allowable towing mass (without braking) (kg)	750
Dimensional limit of centre axle trailers that can be towed (length/width/height) (mm)	12000/2550/4000
Ball joint	Comply with ECE R55 A CLASS for ball joint size



DRIVE I

# Before you drive

## Driving requirements

Drivers must obtain a driving license before driving on the road.

### Warning!

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- The driver shall keep his/her hands on the steering wheel at all times during driving.
  - The driver should not be distracted by passengers or use electronic devices while driving.
  - Never drive under the influence of alcohol or drugs.
  - Never drive too fast. Be sure to comply with the speed limit regulations.
  - Avoid fatigued driving.
  - Do not place objects in driver foot space. Install the floor mat correctly to ensure that the pedal control will not be affected during driving.
  - Do not adjust the position of the display, the steering wheel, seat, and interior/exterior mirrors during driving, otherwise the vehicle may get out of control.
  - All passengers are prohibited from extending their arms, heads or other body parts out of the vehicle during driving.
- 

## Correct driving posture

Whether the driver's sitting posture is correct directly affects the degree of driver fatigue and the driving safety.

In order to ensure driving safety, adjustments should be made as follows before driving:

- Sit upright with your feet on the floor.
- Adjust the driver seat back and forth to make it easier for the driver to effectively operate the accelerator pedal and the brake pedal.
- Adjust the height of the headrest correctly according to your body height.
- The seat backrest should be in the upright position and the driver's back should be completely attached to the back.
- Adjust the steering wheel so that it is no less than 25 cm from the chest.
- Place the middle part of the seat belt between the neck and shoulders. Wrap the lap portion of the seat belt tightly around the hip joint (not the abdomen).

### Warning!

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If you get too close to the steering wheel, the airbag system cannot provide proper protection for you, which otherwise will result in injury or life risk.

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## Wading

Before wading, pay attention to the following matters:

- Confirm the water depth before wading, and make sure the water level does not go above the lower edge of the vehicle body. When wading through water, please be aware of water waves caused by nearby vehicles, because this may make the water level go above the lower edge of the body vehicle.
- Always pass through flooded roads at a low speed, and do not stop or drive backward in water under any circumstances.

After wading, carry out inspections as follows immediately if the vehicle is safe:

- Gently depress the brake pedal to dry the brake and check whether the brake is working properly.
- Check that the horn is working properly.
- Turn the steering wheel to check whether the steering assist is working properly.
- Check whether the exterior lamps are working properly.

### Caution!

- The air suspension can adjust the height of the vehicle body, when you need to wade on the road, please check the water depth of the waterlogged section first, the water level must not be higher than the lower edge of the vehicle body.

- After wading, it is recommended that you contact the Lotus Customer Care Centre for inspection and maintenance as soon as possible.

## Drive

### Power on/off

#### Power on

After using the effective key to unlock the car and opening the doors, the instrument cluster and the CSD will light up, and the car will automatically power on.

#### Power off

When the car is powered on or in READY state, be sure to engage into the Park (P) gear to activate the electronic parking brake (EPB). After power off, the instrument cluster and the CSD will be turned off.

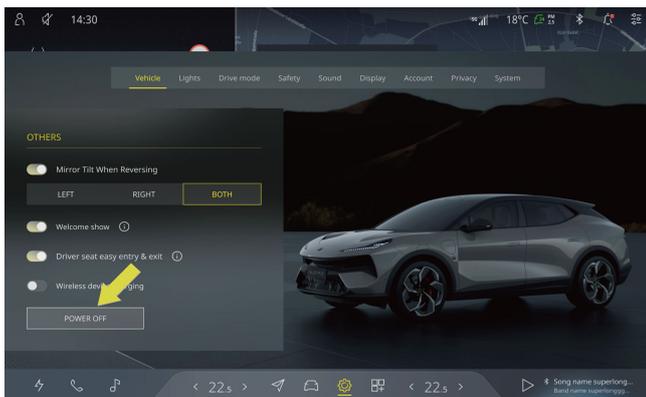
- Conventional power off

If you have closed all doors (including the bonnet and the tailgate) and are about to leave the car with the key, you can power off the car in the following ways:

- lock the car with the key.

- If the driver door is not opened within 5 minutes, the car will automatically turn off the power.

When the driver is in the car, you can click  icon in the CSD, and click **POWER OFF** in the vehicle function setting interface. After a period of time, the vehicle will be powered off.



## Note!

- Turn off the power through the central stack display, which can be recovered by depressing the brake pedal.
- When the vehicle has no network signal, try to turn off the power for more than 10 minutes and then turn on the power again. If there is still no network signal, please contact the Lotus Customer Care Centre.

- Emergency power off



1. Low-voltage MSD (manual service disconnect) cable
2. Low-voltage MSD (manual service disconnect) plug

- Open the bonnet and disconnect the low-voltage MSD plug, then the car will be powered off automatically.
- In an emergency, after open the bonnet, cut off the low-voltage MSD cable and the car will be powered off automatically. When cutting the cable of the low-voltage MSD, it is necessary to thoroughly cut the cable to prevent successful reconnection.

## Warning!

Do not operate under the bonnet until the car automatically turns off the power supply for 3 minutes.

## **Note!**

During the vehicle power off, you hear a sound response, which is a normal phenomenon caused by the braking system when it is working on a self-test this is not a failure.

## **Start**

### **Vehicle starting with remote control/UWB digital key**

The driver can enter the vehicle with the remote control/UWB digital key carried, and depress the brake pedal to start the vehicle. If the gear is shifted to R or D position, the car is in driving mode.

## **Note!**

- The remote control key will enter the sleep mode after being stationary in the car for a period of time, and it is ineffective to start the vehicle at this time until it returns to normal after being moved.
- When the vehicle is in drivable mode, the **READY** indicator on instrument cluster will be illuminated.
- During charging, the car cannot be started by depressing the brake pedal, and the instrument cluster will display  and relevant prompt information.

- If the brake pedal is not depressed to shift, the prompt “Please depress the brake pedal to release the gear lever” will be displayed on instrument cluster.
- After the instrument cluster shows that the key fob battery is low capacity, please replace battery in time, refer to **Replacement of key fob battery** ( p.54 ).

### **Vehicle starting with key fob/NFC digital key**



The driver can unlock the vehicle with the key fob/NFC digital key and get inside, and depress the brake pedal within 2min to start the vehicle. If the vehicle is not started within 2 minutes, the CSD will give a prompt accordingly. At this time the key fob/NFC digital key needs to be put in the wireless charging induction area. Then the

vehicle can be started by depressing the brake pedal. If the gear is shifted to D position, the car can be driven away.

### **i Note!**

You can move the key fob to another area in the car for wireless charging of mobile phone.

## Shift operation

Flick the gear lever to switch to different gears, while the corresponding gear information is displayed on the instrument cluster.



Gear lever

### **! Caution!**

Switch to gear P/R/D under the following conditions:

- The speed is less than 3 km/h and it can switch to P gear.
- When the vehicle is driving forward, the speed is less than 8 km/h and it can switch to R gear.
- When the vehicle is driving backwards, the speed is less than 8 km/h and it can switch to D gear.

It is recommended that you press the brake pedal to stop the vehicle before shifting gears.

#### **Reverse (R)**

When the vehicle is parked, press the brake pedal, long toggle the gear lever forward and release it, and switch gears to R.

#### **Neutral (N)**

When the gear is in D or R, the lever is flicked forward or backwards shortly and the gear switches to N.

### **i Note!**

When the vehicle runs at a speed greater than 3km/h, it will take a long time to shift from D or R gear to N gear, and simultaneously

the instrument cluster will display texts accompanied by audible sounds.

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### Drive (D)

When the vehicle is parked, press the brake pedal, long toggle the gear lever backwards and release it, and switch gears to D.

### **i** Note!

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- When the vehicle is engaged into P gear, the brake pedal must be depressed for shifting to another gear.
  - The reversing light is turned on when the R gear is engaged.
  - The brake pedal must be depressed to prevent the vehicle from slipping when the N gear is engaged.
  - When the D or R gear is engaged, the vehicle will move forward/backwards slowly while the brake pedal is released and the accelerator pedal is not depressed.
  - When the vehicle is in D gear, opening the main driving door, keeping the brake on, and switching the P-gear vehicle will issue a warning alarm, and accompanied by text prompts on the central display screen.
- 

### Park (P)



After the vehicle is parked, press the P button, the gear switches to P gear, and the electronic parking brake is automatically activated.

When the gear is switched to a non-P gear, the EPB is automatically released.

Under the non-charging state, when all the following conditions are met, the vehicle will automatically switch to the park (P) gear:

- The vehicle in READY state, the vehicle speed is below 3km/h and the current gear is not P.
- When any two of the following conditions are met: the driver door is opened, the driver seat belt is unfastened, and/or the driver seat sensor does not detect occupancy.
- The accelerator pedal and brake pedal are depressed illegally.

Under the charging state, when all the following conditions are met, the vehicle will automatically switch to the park (P) gear:

- The vehicle speed is below 3km/h and the current gear is not P.
- The charging plug is connected.

### Note!

- If the service brake on a vehicle that is running at a speed higher than 3km/h fails, pressing and holding the P gear button will trigger the emergency brake function, and releasing the P gear button will release the brake. If the vehicle speed is still higher than 3km/h after releasing the P gear button, the current gear D/N/R remains unchanged; When the speed is reduced to 3km/h or below, if the P gear button is still not released, the gear will automatically switch to P.
- Before leaving the vehicle or when parking on a slope, please ensure that the P gear is engaged to prevent the vehicle from slipping.

## Ejection start\*

Some models have ejection start function. After the ejection start is activated, the vehicle can provide the maximum traction to improve driving experience.

## Warning!

Ejection start is recommended in a closed road section. The driver and passengers are not in a state of physical discomfort. At the same time, ensure that the front and surrounding environment are free of any potential risk of interfering with vehicle operation.

### Ejection start preparation

All of the following conditions must be met to achieve ejection start:

- After the vehicle is powered on, there is no fault alarm.
- The high voltage battery level is more than or equivalent to 20% SOC.
- The high voltage battery system temperature is within a reasonable range.
- All doors are closed and the driver's seat belt is fastened.
- Towing mode is not activated.

### Note!

If the ambient temperature is too low or too high, the low temperature battery preheating function and the battery insulation function can be used respectively to keep the high voltage battery at the appropriate working temperature.

## Operation of ejection start

Ejection start can be achieved by following steps:

1. When the vehicle stops stably, shift into P gear and switch the driving mode to Sports mode or Race mode.
2. Depress the brake pedal with the left foot to return the steering wheel.
3. Shift the gear into the drive (D) gear, and ensure that the vehicle does not activate the AUTO HOLD and the electronic calliper is in the released state.
4. Turn off the electronic stability control (ESC).
5. Fully depress the accelerator pedal with your right foot while keeping the brake pedal depressed, and wait for the vehicle head to lift up to complete the launch preparation. After the launch preparation is completed, the instrument cluster will display the text prompt of launch mode activation.
6. Release the brake pedal within 4 seconds, and the motor will output the maximum torque to achieve ejection start.

During the initiation of the ejection start, the launch function will exit in any of the following cases:

- Depress the brake pedal.
- Release the accelerator pedal.
- Automatic Emergency Braking (AEB) is activated.

## Limitations of the ejection start

Ejection start can only be used when the ambient temperature is higher than 3°C. The interval between the two ejection starts shall be more than or equal to 5 minutes, and the number of ejection starts during a single driving (calculated from vehicle power-on to power-off) shall be less than or equal to 3 times.

## Acoustic vehicle alerting system

The electric vehicles generates low noise during driving, therefore an acoustic vehicle alerting system is fitted on the vehicle to improve the safety of pedestrians.

Acoustic vehicle alerting system is enabled by default and cannot be turned off.

## Active rear spoiler\*

The active rear spoiler mainly provides down force to counteract the lift caused by airflow during driving, so that the vehicle has better grip. The position can be switched according to the operation scene to reduce wind resistance or increase down force.

## Manual control of the active rear spoiler opening or closing



Active rear wing control interface

Click the  icon in the CSD, select the active rear spoiler switch to manually open or close the active rear spoiler.

Please clean up the fallen leaves and other foreign matters under the active wing to prevent them from entering the drain pipe after decay, resulting in poor drainage or blockage.

### Warning!

- When manually opening or closing the active wing, please ensure that there are no obstacles around the wing. Do not put your hands or any objects between the moving wing and the body to prevent pinching or damaging the wing.

- The active tail has an anti-clip function, but there is no anti-clip function at the end of about 4mm.

### Caution!

- Do not pull the vehicle by the active rear spoiler or push.
- When using the automatic car wash function, please close the active rear spoiler, otherwise it may cause damage to the vehicle.

## Automatic activation of the active rear spoiler

Set the active rear spoiler mode in Individual mode:

- Tour mode:** When the vehicle is running at a speed above 110km/h, the active rear spoiler will automatically move to the position with low drag; when the vehicle is running at a speed above 160km/h, the active rear spoiler will automatically move to a position providing high stability.
- Sport mode:** When the vehicle is running at a speed above 110km/h, the active rear spoiler will automatically move to a position providing high stability.

When the driving mode is in Range Mode/Tour Mode/Off-road Mode:

- When the vehicle is running at a speed below 30km/h, the active rear spoiler will automatically return to the manually set position;
- When the vehicle is running at a speed of 110~160km/h, the active rear spoiler will automatically move to the position with low drag;
- When the vehicle is running at a speed above 160km/h, the active rear spoiler will automatically move to a position providing high stability.

When the driving mode is in Sport Mode/Track Mode:

- When the vehicle is running at a speed below 30km/h, the active rear spoiler will automatically return to the manually set position;
- When the vehicle is running at a speed above 110km/h, the active rear spoiler will automatically move to a position providing high stability.

### **i Note!**

When the vehicle is running at a speed below 30km/h, the rear wing can be manually adjusted; when the vehicle is running at a speed above 30km/h, the active rear spoiler adjustment interface of the CSD becomes grey to deactivate the manual adjustment of active rear wing.

## Air suspension

### Convenient loading function

The vehicle is equipped with an adjustable air suspension system that selects an appropriate level of damping for each wheel depending on the driving conditions. The system automatically balances load changes and maintains a constant height during driving. The driving safety, agility and comfort are optimised.



Boot suspension adjustment switch

1. After the vehicle has stopped, open the tailgate and press the down button on the side of the boot. The rear of the vehicle can be lowered to the loading height for easy loading.

- After the loading is completed, press the up button on the side of the boot or close the tailgate. When the vehicle speed exceeds 5 km/h, the air suspension system will automatically rise to the vehicle body height.

## ⚠ Warning!

When using the convenient loading function, make sure that there is enough height under the tailgate, the tailgate may hit the head or objects during the rear body lowering.

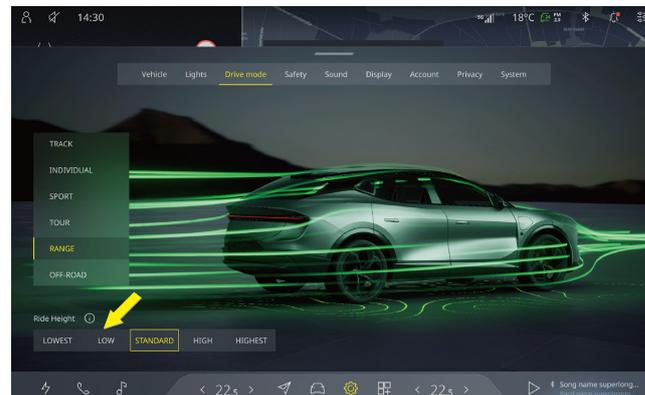
## ⚠ Caution!

- Frequent height adjustments may cause the air spring compressor to overheat and the regulation function to fail. After the air spring compressor has cooled completely, it automatically adjusts to the selected horizontal height.
- When wading through water, please be aware of water waves caused by nearby vehicles, because this may make the water level go above the lower edge of the vehicle body.

## 📄 Note!

When the vehicle speed exceeds 5km/h, the air suspension system of the vehicle will only raise the body to the previous body height if the vehicle is driven smoothly without heavy braking/acceleration or excessive steering wheel steering.

## Manually adjust the vehicle body height



Suspension setting interface on CSD

You can click the ⚙ icon on the CSD, and select the **Drive mode** to enter the body height adjustment interface, where multiple heights can be set according to your needs.

## 📄 Note!

Manually adjusting the body height requires keeping the doors (including the bonnet cover and tailgate) closed and the steering wheel angle not too large.

### Automatically adjust the vehicle body height

The air suspension can automatically adjust the body height based on different driving modes and changes in the current vehicle speed. When the vehicle speed exceeds 15km/h, the **HIGHEST** body height option is not available; When the vehicle speed exceeds 60km/h, the **HIGH** body height option is not available; When the vehicle speed exceeds 110km/h, the **STANDARD** body height option is not available. The vehicle speed continues to increase/decrease, and the body height will decrease/increase to varying degrees in different speed ranges.

**Off-road mode:** When the driving mode is switched to Off-road mode, the body height can only be manually selected as **HIGH** or **HIGHEST** , and the air suspension automatically adjusts the body height to achieve comfortable passage through rough roads.

**Sport mode:** When the driving mode is switched to Sport mode, the body height can only be manually selected as **LOW** and **LOWEST** , and the air suspension automatically lowers to a **LOW** height, increasing vehicle stability and reducing energy consumption.

During driving, the body height is always kept at low level no matter how the speed of the vehicle changes.

**Range mode:** When the driving mode is switched to the range mode, the air suspension will automatically adjust the body to a low level height; When the speed exceeds a certain speed, the body will automatically reduce to the minimum.

**Tour mode:** When the driving mode is switched to tour mode from any mode, the air suspension will automatically maintain the body height at a normal height level, meeting the general driving needs of the driver when passing through urban roads or ordinary roads.

**Track mode\*:** When the driving mode is switched to Race mode, there is no manually selected option for the body height, and the body height is automatically adjusted to a **LOWEST** height.

The body height should always be kept at low level no matter how the speed of the vehicle changes. Then the spring stiffness and stability of the vehicle in Track mode are improved, thereby improving vehicle's controllability.

### **Warning!**

- When the vehicle needs to lift, be sure to select the jack mode in the maintenance interface of CSD, and turn off the air spring automatic adjustment. If the auto-adjustment is not turned off, the air suspension automatically adjusts the lifting and lowering, causing serious damage.
- When the body height is lower than the height corresponding to the driving mode or there is a low air spring pressure alarm, please stop at a safe place and contact the Lotus authorized repairer. If you continue to drive, the vehicle may be damaged.

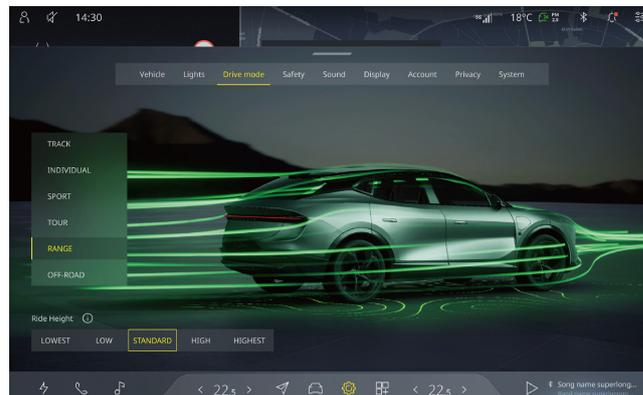
## ! Caution!

When the vehicle needs to use the tow hook to tow other vehicles into **Towing mode** ( p.169 ). The air springs are automatically adjusted to a specific height and load compensation to realize the towing function.

## Drive mode

- Sport mode: this mode meets the driver's more intense driving needs, and has a sensitive dynamic response.
- Tour mode: it is a default drive mode, in which the driver can obtain a comfortable dynamic experience.
- Range mode: reduce energy consumption, meet daily driving requirements and improve driving range.
- Off-road mode: a higher suspension will be realized in this mode, which is applicable to suburban, fields, grass, road covered by slight slow, etc.
- Individual mode: you can choose distinct suspension height and steering mode via different drive mode according to your personal preference in this mode. Thereby have more fun in driving.

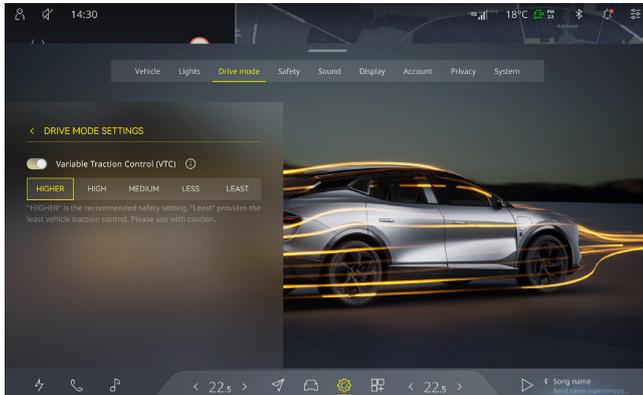
## Switching the drive mode on the CSD



You can click the  icon in the CSD and select the **Drive mode** interface to switch.

### Track mode\*

The vehicle exhibits extraordinary power response and dynamic driving performance in Track mode. Therefore, the Track mode shall be applied with caution when driving on common roads.



You can choose to activate or deactivate the Variable Traction Control (VTC) in Track mode. If the VTC is activated, you can set the traction control level.

### **Warning!**

As the traction control level degrades, the probability of vehicle slip will gradually increase. Therefore, the traction control level must be set reasonably to avoid accidents or damages to the vehicle. It is recommended that you set to a level that can ensure safety to the **HIGHER** extent.

Frequent forced braking and short cooling time during track driving will cause the brake disc to be hot, which will affect the performance of the braking system. Therefore, it is necessary to leave some time

to allow the vehicle cooling down during track driving and before leaving the track. Drive the vehicle at a lower speed, and utilize air flow to cool the vehicle without forced braking and parking brake. If you want to drive on the track, please consult the Lotus authorized repairer first for more necessary guidance.

Under more extreme driving conditions, if the brake disc temperature is too high, the instrument will prompt "Traction Control temporarily, unavailable". At this time, please refer to the cooling method for track conditions to allow the vehicle cooling down.

### **Switching the drive mode via the drive mode paddle**



Drive mode paddle

The drive modes can be switched by turning the drive mode paddle on the right side of the steering wheel up and down.

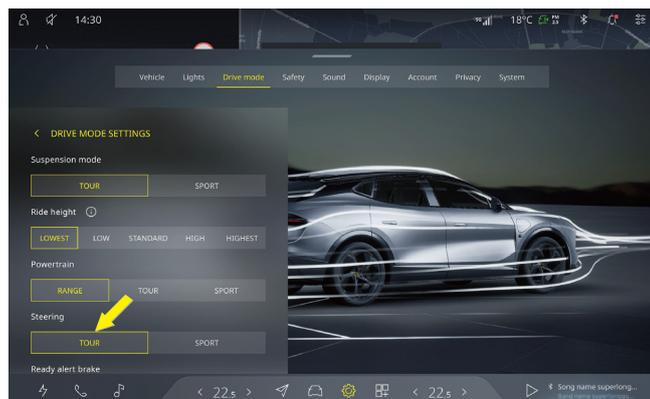
## **Note!**

Track mode is not recommended for use on motorway.

## Steering mode

### Electronic Power Assisted Steering (EPAS) system

The EPAS provides assistance when the driver turns the steering wheel, enhancing vehicle's controllability and stability, improving steering handiness.



Steering mode setting interface

You can click the  icon on the CSD, select the **Drive mode**, and enter the steering mode setting interface in individual mode, where the haptics and sensitivity of the steering system can be adjusted.

- Tour mode: ensure the sensitivity of the steering wheel while taking into account the road feedback, improve the manipulateness of the daily car.
- Sport Mode: increases the force required to turn the steering wheel and increases the sensitivity of the direction. The vehicle gives a quicker response when driving at a high speed, which provides an excellent driving experience.

## **Note!**

When switching to different driving modes, the steering mode will be automatically switched to the corresponding mode.

### Rear wheel steering (RWS)\*

RWS improves the steering sensitivity and stability of the vehicle during driving. When the vehicle is cornering at low speed, the rear wheels generate a certain steering angle to reduce the turning radius.

## Driving mode

The vehicle is driven in four-wheel driving mode, that is, four wheels are driven at the same time, thus increasing traction.

To better improve the flexibility of the vehicle, the power ratio of the front and rear axles will be automatically distributed when the vehicle enters or exits a curve, thus achieving more stable and efficient curve driving performance, and guaranteeing the stability of the vehicle to the greatest extent even in severe driving.

The four-wheel driving mode improves the driving stability of the vehicle on wet and slippery roads, realizes smooth acceleration and good comfort, and can also achieve a stabilizing effect when driving at high speeds.

The drive performance of all wheels varies depending on the selected driving mode.

## Active grille shutter (AGS)

The AGS automatically adjusts the grille opening, thereby reducing unnecessary heat dissipation from the bonnet. It quickly increases the coolant temperature during cold start of the vehicle and maintains the coolant within an appropriate working temperature during driving, thereby improving the mechanical performance of the vehicle and the effect of heater at low temperatures.

### Caution!

Please slow down and drive at a speed  $\leq 30\text{km/h}$  when wading, otherwise the AGS will be easily damaged.



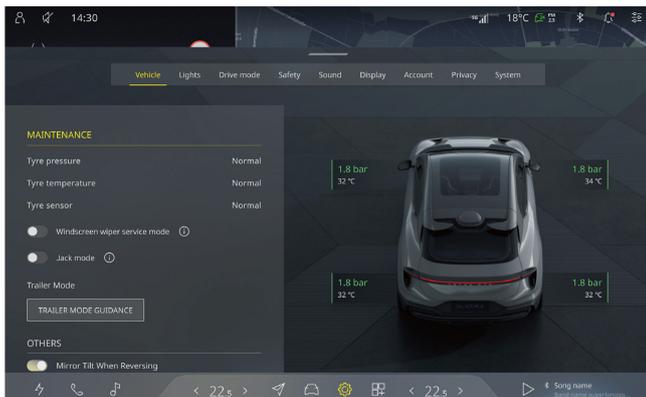
Symmetrical distribution of AGS

The AGS of the vehicle will be automatically enabled/disabled in any of the following usage scenarios:

- When the vehicle is locked, the AGS is kept off.
- When approaching-unlocking of the vehicle is enabled, the AGS turns on and off automatically for one time.
- When there is needs for air volume, the AGS automatically turns on.
- When the speed is greater than 150km/h, it will automatically turns on.

## Tyre pressure monitoring system

This vehicle is equipped with a tyre pressure monitoring system, which monitors the tyre pressure through sensors installed on each wheel air valve.



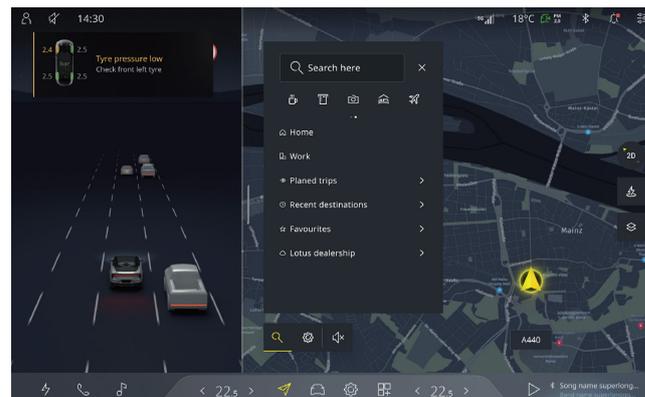
Click the  icon in the CSD, and select **Vehicle** → **MAINTENANCE** to check the tyre status.

- Tyre over-temperature, tyre leakage, low sensor power alarm

When the alarm of tyre over-temperature, tyre leakage and low sensor power is activated, a prompt message will be popped up and the corresponding tyre triggering the alarm will be showed in yellow in the CSD.

- Low tyre pressure alarm

When the low tyre pressure alarm is activated, the TPMS status indicator  will be illuminated on the instrument cluster, a prompt message will be popped up and the corresponding tyre triggering the alarm will be showed in yellow in the CSD. After the tyre is inflated to the standard tyre pressure value in the cold state, the low tyre pressure alarm will disappear.



### Warning!

If the TPMS status indicator  is illuminated or flashes during the driving, please park the vehicle in a safe location and contact Lotus Customer Care Centre. Otherwise, it may cause personal injury and vehicle damage.

You can open the left front door and check the tyre pressure label on the side of B-pillar to confirm the tyre pressure at different loads and speeds. The label shows the tyre markings installed in the vehicle at delivery, as well as the load limit and tyre pressure.



### **i Note!**

- Check the tyre pressure regularly and make sure it is within the specified range.
- The TPMS can not provide an early indication of rapid tyre damage caused by external factors (e.g., burst), nor does it identify the natural, uniform pressure loss of all tyres over a long period of time.
- The TPMS receives the tyre pressure data last time after the vehicle is stopped and powered on again, and can update the

real-time tyre pressure value only after the vehicle runs at a speed of 30 km/h for several minutes.

- During the driving process, the tyre monitor system collects data every once in a while, so there is a delay in displaying the tyre pressure value.

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### **TPMS fault alarm**

When the TPMS fault alarm is activated, the TPMS status indicator  on the instrument cluster will flash for a period of time and then remain on until the alarm disappears, and the fault information will be displayed on the CSD.

The TPMS may work abnormally due to various factors:

- Sensor fault.
- Incompatible tyres installed or wheel modifications.
- Fluid in the tyre or the tyre repair fluid filled.
- Drive with snow chains fitted.

The TPMS may be affected under the following conditions:

- Close to TV stations, power plants, gas stations, radio stations, large display screens, airports and other facilities that produce strong radio waves or electrical noise interference.
- Added with accessories that may interfere with the radio receiver or electrical system of the vehicle.

## Note!

Only tyres of the specifications specified by Lotus are allowed to be replaced, otherwise the TPMS may not work normally.

## Safe parking

1. Depress and hold the brake pedal.
2. After the vehicle is stopped, press the P button, at this time, the EPB will be automatically activated, the P indicator on the instrument cluster will be illuminated, as will the EPB indicator.
3. Release the brake pedal.
4. Always take all keys out of the vehicle when leaving the vehicle.
5. Make sure that everyone in the vehicle, especially children, is out of the vehicle.
6. Lock the vehicle.

## Caution!

- The parts at the bottom of the vehicle, such as bumpers, chassis, drive motor or high voltage battery, may be damaged when passing over potholes, vehicle access in residential areas, ramps, curbs and other protruding objects. Be sure to drive carefully.

- When parking on a ramp with a curb, turn the steering wheel so that the vehicle moves forward/backward so that the front wheel on the side of the curb gently touches the curb.
- Parking on the uphill or downhill without curbs: be sure to turn the front wheels towards the curbside. In case that the vehicle moves, it will run off the road rather than driving into the traffic.
- Observe the relevant legal regulations when parking.

## Braking system

### Energy recovery

While the vehicle is moving, the driver can improve the driving experience by adjusting the energy recuperation, while the motor participates in braking to reduce braking heat loss and thus improve energy consumption.

- Coasting energy recovery

The coasting energy is recovered when the accelerator pedal and the brake pedal are released.

- Braking energy recovery

The braking energy is recovered when the driver depresses the brake pedal.

## Factors affecting energy recovery efficiency

The energy recovery efficiency depends on the following factors:

- Current power and temperature of the high-voltage battery.
- Energy recovery levels.

## Energy recovery levels



1. Energy recovery levels
2. Energy recovery paddle

The driver can adjust the energy recovery level via the upper/lower energy recovery paddle on the left side of steering wheel.

The energy recovery level is adjustable in four gears. Press "REGEN +" to increase energy recovery level to 3rd gear; Press "REGEN -" to lower the energy recovery level to off.

The energy recovery level defaults to third gear each time the vehicle is started.

## ! Caution!

The regenerative braking with energy recovery is not a substitute for braking to ensure safety. The driver should apply the brakes in time according to the actual situation.

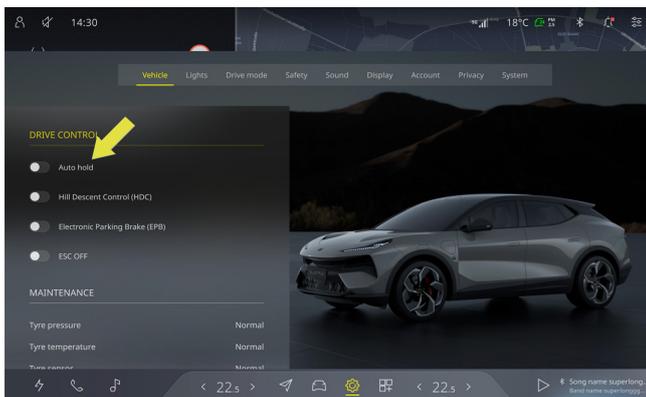
## i Note!

When the power battery is fully charged, the battery temperature is too low or too high, the energy recovery braking will temporarily weaken and increase with the vehicle's driving. Please pay attention to the combination instrument prompt and maintain a safe braking distance.

## AUTO HOLD

With the AUTO HOLD switch on, if the vehicle needs to be stopped for a short time, depress the brake pedal deeply after the vehicle stops in case of flat and downhill roads, then the AUTO HOLD will be activated and its indicator on the instrument cluster will be illuminated. In case of uphill road, there is no need to continue depressing the brake pedal, as the AUTO HOLD will be activated automatically with its indicator illuminated on the instrument cluster and it will apply the brake for you to keep the vehicle

stopped. When you start driving by depressing the accelerator pedal, the AUTO HOLD will be automatically released.



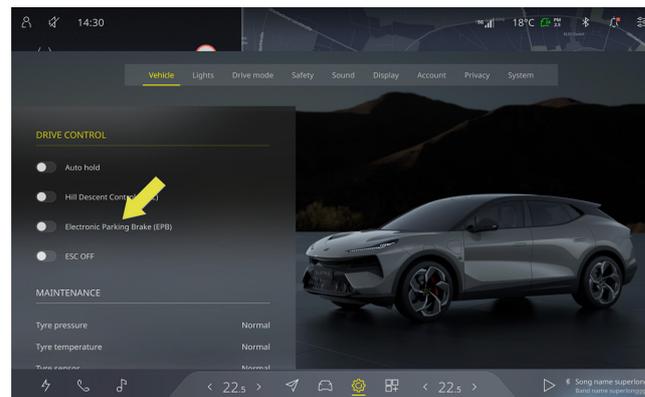
AUTO HOLD setting interface

When the ESC and EPB systems are fault-free, you can click  icon in CSD to select the **Vehicle** and enable AUTO HOLD.

To deactivate the AUTO HOLD, click the control button on the CSD again.

## Electronic parking brake(EPB)

### Enabling/disabling EPB



Electronic parking brake(EPB) switch

This vehicle is equipped with an EPB, which is automatically activated/deactivated with the change of vehicle gear. This feature can also be activated/deactivated via the buttons on the CSD.

- When you depress the brake pedal and engage the gear in D for a stationary vehicle, the parking brake indicator on the instrument cluster will go out, indicating that the EPB is released successfully.

- When the gear of a stationary vehicle returns to P, the parking brake indicator on the instrument cluster will be illuminated, indicating that the EPB is successfully activated.

### **!** Caution!

If the vehicle cannot apply/release the EPB normally, contact the Lotus Customer Care Centre immediately for maintenance.

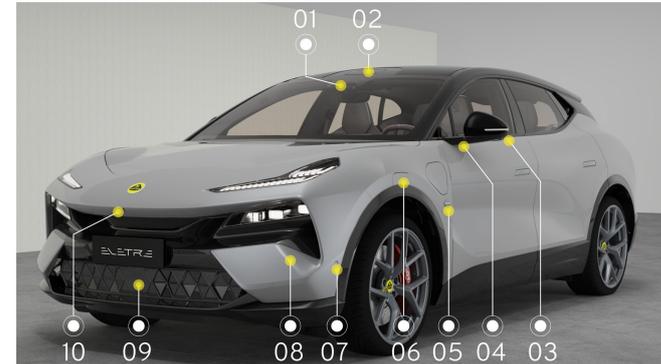
## Intelligent driving system

### Sensor and camera

#### Sensors of driver assist system and camera

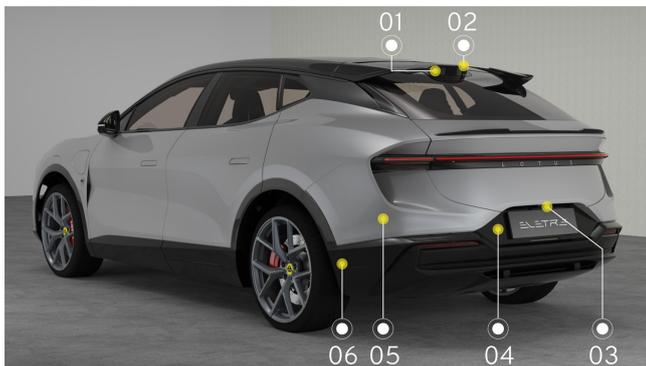
The car is equipped with a variety of radars and cameras, which are used to detect the distance from the vehicle ahead, identify traffic or road signs, and detect surrounding vehicles, pedestrians, etc.

#### Front sensor and camera



1. Front camera
2. Front lidar
3. Left/right surround camera
4. Outside front camera
5. Outside rear camera
6. Left/right front side lidar
7. Left/right long range ultrasonic radar
8. Left/right detection radar
9. Front imaging radar
10. Front surround camera

## Rear sensor and camera



1. Rear lidar
2. Rear camera
3. Rear surround camera
4. Rear imaging radar
5. Left/right side detection radar
6. Rear long range ultrasonic radar

### Caution!

Laser irradiation of the camera will cause irreversible damage. The camera should be avoided by laser irradiation. If the camera fails, please contact the Lotus Customer Care Centre for maintenance.

### Note!

- When there is dirt or snow on any of the cameras, radars and their surroundings, a warning message will pop up on the instrument cluster. If the warning message on the instrument cluster does not disappear after the dirt or snow is removed, be sure to park the car in a safe area and contact the Lotus Customer Care Centre.
- When the road conditions on the left and right sides of the road where your car is running on are quite different, the detection by the radars may be affected, leading to a warning message popping up on the instrument cluster.
- Please keep the front windshield clean and dry, as the film made of metal materials will affect the functionality of the built-in navigation and positioning antenna. Please do not paste the film containing metal materials on the front windshield to ensure the normal operation of vehicle electronic devices.
- Repair or replacement of the driver assist system and its components must be done by technicians using professional equipment, so you must contact the Lotus authorized repairer for relevant operations.

## Enabling lidar\*

The lidar can be deployed automatically with the welcome show and highway assist (HWA) activation. It can also be deployed manually via the CSD.



Deployment of lidar in welcome show

When the **Welcome function** ( p.97 ) is enabled, the lidar will be automatically deployed and retracted when the vehicle is unlocked.

### ! Caution!

- Before washing the car, please ensure that the lidar have been turned off and the lidars have been retracted to prevent damage to the lidar components.

- In the cold season, do not wash the laser radar at high pressure for a long time or intentionally flush the installation gap of the laser radar, so as to avoid that the laser radar cannot extend normally due to freezing by the accumulated water.



HWA switch

When the multifunction button **Turn on HWA** ( p.206 ) on the left of the steering wheel is pressed, the front lidar will be deployed.

Lock the vehicle when the power is turned off or HWA exits for more than 12 minutes, the lidar will be retracted.



When the vehicle is powered on and the gear lever is engaged in Park (P) gear, all lidars can be manually deployed with one click as needed. If any of the following situations occur, it is not possible to manually deploy the lidars:

- The gear is in non-parking gear (P).
- The lidar components fail.
- The lidar is performing an automatic unfolding/folding function.
- The lidar is performing a cleaning function.
- The vehicle is running.

## Cleaning lidar\*



When the vehicle is powered on and the gear lever is engaged in Park (P) gear, all lidars can be manually cleaned with one click as needed. If any of the following situations occur, it is not possible to manually clean the lidars:

- The gear is in non-parking gear (P).
- The lidar components fail.
- The lidar is in the process of unfolding and folding.
- The vehicle is running.

## **i Note!**

- To protect lidar components, do not frequently use the manual cleaning and manual deployed functions within a short period of time. Please use it after a period of time after the last function is executed.
- If there is air in the detergent tube, detergent may not be sprayed when using the self-clean function. Try to open the self-clean function several times to remove the air and return to normal.
- The lidar cleaning will consume a large amount of detergent. Please ensure that the detergent is sufficient before using the function. If the instrument cluster prompts that the detergent level is low, the cleaning performance will decline or even the cleaning function cannot be enabled.
- If more white foam is generated during the cleaning of the laser radar, please wipe off the foam in time to avoid blocking the line of sight, and it is recommended to replace the detergent with low foam detergent.

### **Limitations of sensors of driver assist system**

The sensors of driver assist system have certain limitations. In daily car use, you must pay attention to the following conditions, or the driver assist system may not work properly:

- Do not attach accessories (such as license plate decorative frames, decals, etc.) to the radars, cameras and their surrounding areas, otherwise the efficient range of the sensors may be affected, causing part of the driver assist system fail to operate normally.
- Adverse weather conditions, such as heavy snow, rain, fog, etc., may weaken the sensor or cause the system to temporarily stop working.
- Intense light, reflections on the road, icy or snow-covered roads, water on the road, dirty roads, or blurred lane markings may significantly reduce the camera's ability to identify vehicles, pedestrians, traffic signs, or other obstacles.
- The radars are subject to interference from other radio devices or strong radar reflections, thus generating false alarms or reducing detection performance.
- In some cases, the radar may detect vehicles later than expected or fail to detect any vehicle.
- When driving on some winding, narrow, steeply sloped roads or driving into or out of tunnels, the radars of your car may not be able to detect vehicles or other obstacles ahead.
- Do not hit the sensors and their surrounding areas hard.
- If there are cracks/scratches or stone chips in the bumper area where a radar is located, the radar function may be affected.

## Adaptive cruise control (ACC)

The ACC can keep your vehicle running at a speed within 0~150km/h, and control the speed of your vehicle according to the set speed and following distance. It is mainly used to provide driving assistance for drivers on roads with good conditions such as highways or elevated roads, freeing the driver's right foot and reducing driving fatigue.

### Warning!

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- ACC is a driver assistance system other than a crash-safe function. The maximum deceleration of ACC is limited, and it is always your responsibility to drive the vehicle safely. It is always your responsibility to drive your car safely and to obey current laws and traffic regulations.
- ACC can adjust the vehicle speed smoothly based on vehicle intentions and traffic conditions ahead. However, due to the limitations of the front radar, the system may brake unnecessarily, or not brake. When necessary, it is your responsibility to take the initiative to take braking measures.
- ACC cannot be used in all driving scenarios and traffic, weather and road conditions.
- You must intervene if ACC fails to maintain a proper speed or distance from the vehicle ahead.
- Repair or replacement of ACC and its components requires professional equipment and technicians, so you must contact the Lotus Customer Care Centre for relevant operations.
- ACC may fail to recognize animals, pedestrians, specially-shaped vehicles, vehicles loaded with irregularly shaped cargoes or small vehicles such as bicycles, tricycles and motorcycles or traffic signs (like road cones, water horse and instruction signs). ACC may also fail to recognize slow-moving, stopped or approaching vehicles, or other stationary objects.
- Do not use ACC in environments with poor driving conditions, such as: in the city or other heavily congested traffic, roads with accumulated water or slush, heavy rain and snow, poor visibility, windy conditions, or driving on slopes.
- ACC will not respond to vehicles or objects crossing the lane where your car is running in.
- Loading too many items in the boot may cause a change in vehicle height, which may degrade or disable the target identification of ACC.
- When another vehicle changes lanes to the front of your car, ACC may not have time to respond, requiring the driver to initiate braking in time.
- When driving downhill on steep slopes, it may be difficult for ACC to maintain proper distance from the vehicle ahead. In these situations, be extra careful and always be ready to initiate braking.

- The selection of a target may be delayed or interfered with when driving into and out of curves. ACC may brake unexpectedly or brake too late.
- On a sharp turning road, such as a serpentine road, the ACC may not be able to detect the vehicle ahead normally due to the limitations of the windscreen camera and the front radar, in which case, the car may be accelerated unexpectedly, so the driver needs to take over the control of the car appropriately according to the actual situation.
- When a vehicle in the adjacent lane ahead cuts in front of your car, the detection may be affected or delayed in some conditions, such as too small reflection intensity of the target (pedestrians, bicycles, three-wheeled vehicles, motorcycles, etc.), electromagnetic interference, etc. As a result, ACC may fail to identify the target or calculate the distance to the vehicle ahead accurately. In this case, there may be no ACC response or the braking may be delayed, so the driver needs to take over the control of the car actively.
- In situations where the lighting conditions are not ideal at night or the city lighting is cluttered and chaotic, it may lead to misidentification, missed recognition, or inaccurate recognition of the target by the camera, resulting in misbraking, missed braking, or delayed braking of ACC. In this situation, you need to use the ACC function with caution and maintain your attention, and get ready to take over the vehicle at any time.

## **i** Note!

- When ACC fails, the  icon is shown in grey to remind the driver to take over the control of the car.
- Be cautious to install the front license plate frame. A large metal license plate frame may will affect the output of ACC radar signal, which may lead to incorrect processing of the driving status or a false alarm given by the radar.



1. Current speed
2. Target speed
3. Vehicle in front
4. Following distance

The following distance infers the time required for the subject vehicle to run at the current speed to the current position of the vehicle ahead.



No targeted car ahead is detected.



When ACC is not activated, a targeted car appears ahead.



The current car is too close to the targeted car it follows.



The current car is too close to the targeted car it follows.



When ACC is activated, a targeted car appears ahead and the current car follows the targeted car.

During cruising, as the distance between your car and the vehicle ahead changes, the instrument cluster will display the different statuses of the distance to the vehicle ahead to remind the driver. The following distance is shown in three levels: near, medium and far. Each time the car is started, far following distance is defaulted by the ACC.

### **Warning!**

You must maintain an appropriate speed and a safe distance, and take braking measures in a timely manner if necessary.

### **Note!**

- ACC can control your car to accelerate and decelerate. When the vehicle is decelerating, the brake system works and may make a sound, which is normal.
- When your car is following the vehicle ahead with ACC and the following distance is too close, the autonomous emergency braking (AEB) may be activated.

## Activate ACC



Left multi-function button

When the vehicle is stationary, you can activate ACC in the following steps:

1. Scroll the left multi-function button leftwards to switch to ACC, at this time the  icon is displayed in white, and ACC enters ready mode.
2. Depress the brake pedal or activate the AUTO HOLD function.
3. Press the left multi-function button to activate ACC, at this time the  icon is displayed in blue.
4. After the brake pedal is released, scroll up the left multi-function button or gently step the accelerator pedal, then ACC will control the car to start and run at the set speed.

When the vehicle is running, you can activate the ACC in the following steps:

1. Scroll the left multi-function button leftwards to switch to ACC, at this time the  icon is displayed in white, and ACC enters ready mode.
2. Press the left multi-function button to activate ACC, at this time the  icon is displayed in blue.

## Note!

When the car is running at a speed below 30km/h, the speed set for cruising is 30km/h; when the car is running at a speed above 30km/h, the speed set for cruising is the current speed.

## Adjust ACC



1. Left multi-function button
2. Following distance button

When ACC is activated, the driver can set different target speed and following distance as required:

- Target speed: up or down short dial the left multi-function button, the target speed increases or decreases by 5km/h; dial the left multi-function button up or down, and the target speed increases or decreases in 1km/h adjustment units.

### Note!

If your vehicle is equipped with TSI function, after recognizing the road traffic speed limit sign, you can click on the recognized speed limit sign on the CSD to quickly set the target speed.

- Following distance: Move the following distance key up or down to increase or decrease the following distance (one bar displayed on the interface indicates a closer distance from the vehicle ahead, two bars indicate a medium distance from the vehicle ahead and three bars indicate a farther distance from the vehicle ahead).

### Warning!

Always keep your car at a safe distance from other vehicles. If the following distance is close, personal injury or vehicle damage may occur in the event of a traffic accident.

### Note!

- When no target vehicle is detected ahead, the ACC will control the subject vehicle to drive at the set target speed.
- When the accelerator pedal is depressed, the car will accelerate temporarily; when the accelerator pedal is released, the car will decelerate slowly to the target speed.
- If the vehicle speed is not changed significantly after the ACC is activated, it may be because the speed-up is not allowed at the set following distance.
- The higher the vehicle speed, the longer the following distance.

### Deactivating ACC

Pressing the multi-function button on the left side of the steering wheel or pressing the brake pedal, the ACC will be temporarily deactivated, the icon  will be white and the ACC will enter ready mode.

ACC is automatically deactivated when any of the following occurs:

- Any one of the doors, bonnet and/or tailgate is opened.

- The driver unfastens the seat belt.
- The wheels lose grip.
- System failure (such as camera, radar, braking, steering, etc.)
- The EPB is activated.
- The accelerator pedal is depressed to accelerate for more than 15 minutes continuously or the speed exceeds 150km/h.
- The ESC is deactivated or malfunctioning.
- Gear exits forward gear (D).
- The windscreen or the front radar area is covered by dust, rain, frost, snow or other dirt.

## **Warning!**

After ACC is deactivated, you must take over control of your car to ensure the driving safety.

### Restoring ACC

Scroll up the left multi-function button, then ACC will be reactivated, and the  icon will turn blue.

### Overtaking assist in cruising

If you are following the vehicle ahead with the help of ACC, it will control your car to accelerate or decelerate once the left direction indicator lamp is turned on. This is to help the driver to overtake or

change lanes until the lane change is completed or the left direction indicator lamp is turned off.

When using the overtaking assist function, the following conditions need to be met:

- There must be a target vehicle ahead to follow.
- The left direction indicator lamp is turned on.
- The current lane lines are dashed lines.
- The current speed exceeds 60km/h.
- The set speed is high enough to allow the overtaking to be completed safely.

### Follow-up in cruising

When ACC controls your car to follow the vehicle ahead, if the vehicle ahead decelerates gradually to stop, your car will also decelerates gradually to stop as the vehicle ahead dose, with a safe distance maintained all the time.

## **Note!**

During a period of time after parking, the ACC can automatically follow the vehicle ahead and control the subject vehicle to start.

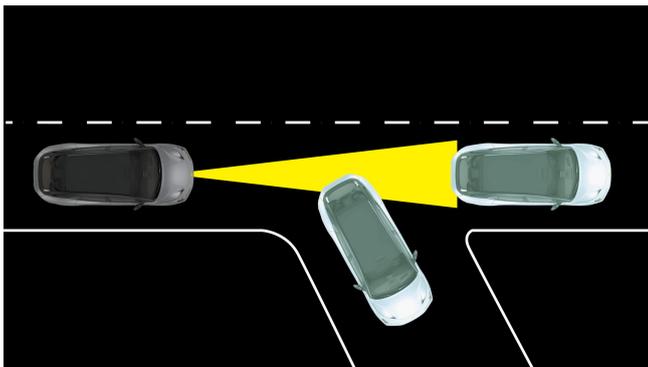
### Limitations of ACC

The ACC is mainly suitable for driving on smooth roads. When ACC is used when driving downhill on steep slopes or with heavy loads, it

may be difficult to maintain the correct following distance from the vehicle ahead.

### Change the target vehicle

When the adaptive cruise control (ACC) controls the subject vehicle to follow the vehicle ahead, if a vehicle cuts in from other lanes and moves between the subject vehicle and the vehicle ahead, the ACC will automatically select the vehicle as the new target vehicle. The following distance will also be adjusted based on the new target vehicle.



When ACC is activated, if the target vehicle your car follows suddenly turns and there is another stationary vehicle ahead, the system may not make any response to the stationary vehicle and

may accelerate to the set target speed. At this point, you must actively depress the brake pedal to brake and slow down your car.

### Highway assist (HWA)\*

The highway assist (HWA) can actively control the speed of the subject vehicle within 0~150km/h and provide steering assistance according to the set target speed and time-gap. At low speed, HWA can control your car to follow the target vehicle if any of the lane lines is blocked or invisible.



When the HWA is working, if the system detects that the driver is not holding the steering wheel, it will display on the combined instrument to take over the vehicle text prompts, accompanied by overriding prompt tone. If the alarm is ignored, the HWA will exit.

After the instrument cluster prompts the HWA to exit, refer to the **Recovery HWA** ( p.210 ) and flick up the left multi-function button to restore the HWA.

## **Warning!**

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- HWA is only an auxiliary function, and the steering force provided by this function is limited. It cannot realize fully autonomous driving. It is always the driver's responsibility to drive the car safely and comply with current laws and traffic regulations.
  - HWA is only suitable for use on closed roads such as highways or elevated roads. Also, the driver is always required to concentrate on driving and take over the control of the car quickly in case of an emergency.
  - The driver must intervene actively when HWA fails to maintain a proper speed or distance from the vehicle ahead.
  - Loading too many items in the boot may cause a change in vehicle height, which may degrade or disable the performance of HWA.
  - When another vehicle changes lanes to the front of your car, HWA may not have time to respond, requiring the driver to initiate braking in time.
  - HWA is not a collision avoidance system, and it is your responsibility to initiate braking in an emergency.
- When driving downhill on steep slopes, it may be difficult for HWA to maintain proper distance from the vehicle ahead. In these situations, be extra careful and always be ready to initiate braking.
  - HWA may not respond to animals, small vehicles such as bicycles and motorcycles, or stationary vehicles.
  - When the vehicle follows the vehicle ahead at low speed, HWA can control the steering torque according to the travelling track of the vehicle ahead, in this way your car can move laterally slowly as the vehicle ahead do. At this time, the driver is required to pay special attention to the traffic situation on both sides of the vehicle.
  - HWA may not respond to vehicles or objects crossing the lane where your car is running in. You need to be attentive at all times, take braking measures and take over the vehicle if necessary.
  - When the HWA system is working, if the driver presses the accelerator pedal, the car will be taken over by the driver, responding to the driver's need to accelerate. The control by the HWA system will not be functioning.
  - The selection of a target may be delayed or interfered with when driving into and out of curves. HWA may brake unexpectedly or brake too late.
  - On a sharp turning road, such as a serpentine road, the HWA system may not be able to detect the vehicle ahead normally

due to the limited field of view of the mid-range radar, in which case, the car may be accelerated unexpectedly, which requires the driver to respond appropriately according to the actual situation.

- HWA may identify road edges (walls, guardrails, curbs, grass, anti-skid paved strips, and asphalt joints) as lane lines during its operation, so the driver needs to be alert to it.
- When the HWA is activated, the driver shall always be ready to take over the steering wheel, especially when driving in corners. If you are driving on serpentine roads or sharp turns, you should always be prepared to take over the steering wheel to control direction. Never use HWA in such situations.
- HWA is improved from ACC, and the considerations related to ACC also apply to HWA.

### **i Note!**

When the HWA fails, the icon  is shown in grey to remind the driver to take over the control of the vehicle.



1. Current speed
2. Target speed
3. Vehicle in front
4. Time-Gap



When HWA is not activated, no targeted car ahead is detected.



When HWA is activated, no targeted car ahead is detected.



When HWA is not activated, a targeted car appears ahead.



The current car is too close to the targeted car it follows.



The current car is too close to the targeted car it follows.



When HWA is activated, a targeted car appears ahead and the current car follows the targeted car.

## Warning!

You must maintain an appropriate speed and a safe distance, and take braking measures in a timely manner if necessary.

## Turn on HWA



### Left multi-function button

1. Press and release the left multi-function button rightward to switch to the HWA function, at this time the icon  is displayed in white, and the HWA enters ready mode.
2. Press the left multi-function button to activate the HWA function, at this time the icon  is displayed in blue.

## Adjust HWA

To set target vehicle speed and time-gap for HWA, please refer to **Adjust ACC** ( p.200 ).

## Disable HWA



Left multi-function button

By pressing the left multi-function button or depressing the brake pedal, HWA will be temporarily deactivated, at this time the  icon turns white, and HWA enters ready mode.

HWA is automatically deactivated when any of the following occurs:

- Any one of the doors, bonnet and/or tailgate is opened.
- The driver unfastens the seat belt.
- The wheels lose grip.
- The braking system is degraded or malfunctioning.
- The electronic parking brake is activated.
- Lane lines are not recognised or there is no target vehicle ahead.

- The ESP is deactivated or malfunctioning.
- The driver takes the initiative to take over the steering wheel, and the steering force reaches a certain level.
- System failure (such as camera, radar, braking, steering, etc.)

## Warning!

After HWA is deactivated, you must take over control of your car to ensure the driving safety.

## Recovery HWA



Left multi-function button

Scroll up the left multi-function button, then HWA will be reactivated, and the  icon will turn blue.

## Limitations of HWA

HWA may not work properly when any of the following conditions or road environments occur:

- Roads with invisible lane lines.
- Roads with forks.
- Roads with vehicle imprints, such as tyre tracks.
- Roads with a large deviation between the original lane and the new lane.
- Roads with potholes, bumps, undulating pavement.
- Roads under construction.
- Roads that are too wide or too narrow.
- Roads where the lane lines are not straight.
- Roads with too small curves (such as ramps, hilly loop, etc.).
- Crossroads or fork in the road.
- Roads with damaged or unclear lane lines.
- The driver actively controls the vehicle.

## Forward drive assist

### Autonomous emergency braking (AEB)

The AEB alerts driver to pedestrians, cyclists, and vehicles through audible and visible alarms, and braking. When the driver applies brake too late, or the braking force is too small, or there is no

braking measure at all, the system will take measures to assist the driver to avoid or reduce collisions.

The following conditions must be met for AEB to function:

- The driver fastens the seat belt and the four doors (including the bonnet and the tailgate) are closed.
- ESC is enabled.
- The vehicle is not in towing mode.
- AEB is enabled.

### Note!

- 
- Due to the interference caused by external factors to the system, the system will inevitably have some false braking or false alarms.
  - In case of not wearing a seat belt, only the alarm will be carried out, and the braking will not be carried out.
- 

The AEB consists of four systems: safe distance alarm, forward collision warning (FCW), dynamic braking support (DBS) and autonomous emergency braking (AEB).

- Safety distance alarm: the safety distance alarm works in a non-emergency state. When the vehicle speed reaches 65km/h and above, the safety distance alarm is used to prompt the driver that the following distance from the vehicle ahead is too short, and the driving behaviour should be adjusted to maintain a reasonable distance.

- FCW: when the vehicle speed is within 4~150km/h, if the system determines that there is a potential risk of collision, it will alert the driver of the potential collision risk through the alarm sound and the alarm symbols on instrument cluster.
- DBS: when the vehicle is driving at a speed of 4~90km/h, if there is a danger but the current braking force applied by the driver is too small, the system will assist the driver to increase the braking force to avoid or mitigate collisions.
- AEB: when the vehicle is driving at a speed of 4~150km/h, if there is a danger but the driver does not apply effective braking, the system will intervene in time to apply AEB to avoid or mitigate collisions. If the car is provided with seat belt pretensioner, the seat belt will be pre-tensioned to protect the driver.

### Warning!

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- Any driver assist system can not operate 100% under all circumstances. Therefore, you should never drive the car towards people or objects for the purpose of testing the performance of AEB.
  - AEB is a driver assistance system. The driver should maintain an appropriate speed and distance from the car running ahead. And the driver should not wait for the issuance of FCW signals or for intervention of AEB.
- AEB cannot be used properly in all driving, traffic, weather or road conditions.
  - For effective targets identified by the system, depending on the vehicle, the scenario, and the road conditions, AEB cannot always assist the driver to avoid or mitigate collisions.
  - This function will not be activated at a lower vehicle speed. Similarly, this system will not apply a brake when the subject vehicle is approaching the vehicle or pedestrian ahead at a lower speed.
  - AEB does not respond to the following objects: including but not limited to road obstacles (e.g., road cones, water-filled barriers), walls, traffic lights.
  - Even if HWA or ACC is activated, the driver always has the responsibility to keep an eye on the real-time traffic conditions. AEB cannot ensure the avoidance or mitigation of a collision in real time.
  - When the current maximum braking force is applied through AEB, the vehicle speed can be reduced by 60km/h to avoid or mitigate a collision. For example, if AEB is triggered at 120km/h, the braking force can make the vehicle slow down to 60km/h at most.
-

## Detect objects



1. Vehicle in front
2. Textual alarm signal



When your car is too close to the front car, the front car turns yellow.



When your car is very close to the front car, the front car turns red.

## **i** Note!

If ACC, HWA or Lotus Hyper Pilot-Highway Navigation Pilot are not enabled, the instrument cluster will not display the vehicle model but only indicates its colour in the middle of the upper edge.

The FCW warns the driver with audible and visual signals when the subject vehicle is about to collide with another vehicle or pedestrian ahead.



A car is detected in front.



A pedestrian is detected in front.

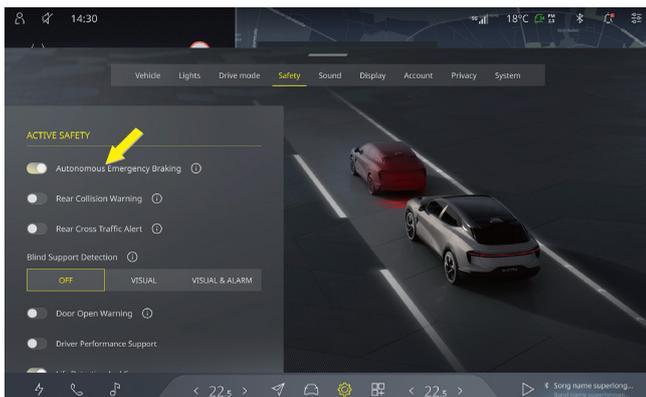


A cyclist is detected in front.

## Warning!

You must maintain an appropriate speed and a safe distance, and take braking measures in time if necessary.

### Setting AEB



### AEB switch

You can click the  icon on CSD and select **Safety** to enter AEB settings interface, where you can turn on or off the AEB.

When the AEB fails, the  indicator on the instrument cluster is illuminated in yellow, the AEB switch on the central display is gray and cannot be operated; when the AEB is turned off, the  indicator on the instrument cluster is illuminated in yellow.

## Note!

The AEB will begin with a self-check when the vehicle is started, and during self-check, AEB will not work.

### Limitations of AEB

AEB may not work well in the following situations, and it is recommended that you do not over-rely on it:

- Driving on slippery roads: the braking distance of the vehicle will be extended on slippery roads.
- Strong exterior lighting: strong sunlight, reflections and extreme light contrast may make it difficult for the driver to see the image alarm, and they may also affect the detection function of the front-view camera.
- Over-temperature in car: if the interior temperature is too high, the front-view camera may be temporarily disabled and the system may not issue an alarm.
- Reduced visibility in severe weather: heavy snow, blowing snow, rain, dense fog and dusty weather all have an impact on the windscreen and front bumper and may degrade system functions.
- Limited front-view camera/radar visibility: in some cases, the system may detect vehicles or pedestrians later than expected or fail to detect any person or object.

- Driver having strong initiative: if the driver actively manoeuvres/brakes the vehicle, the system may not react or react later than expected.
- The road surface is uneven.
- There are metal interfering objects on the side of the road or on the roadside.
- System failure (such as camera, radar, braking, steering, etc.)

### **⚠ Warning!**

- Before driving, the driver should learn the limitations of AEB.
- The driver should keep applying braking force in the event of a danger even AEB is in operation.
- When the driver actively manoeuvres/brakes the car, the system may not react or react later than expected.

## **Evasive steering support (ESS)\***

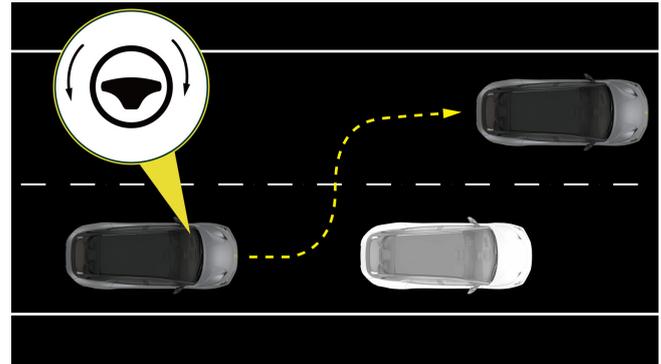
When the system detects that the driver operates the steering wheel to avoid an imminent collision but the steering force is insufficient, the ESS will assist in avoidance by increasing the steering force.

If the driver intends to operate the steering wheel to return the car to its original lane after the obstacle is bypassed by increasing the steering force, ESS will also assist in the returning.

### **ⓘ Note!**

ESS will work only when the vehicle is running at a speed of 50~120km/h.

#### **Interrupting ESS**



When ESS is working to assist in obstacle avoidance, the driver can interrupt its operation by switching on the direction indicator lamps and depressing the accelerator pedal hard or turning the steering wheel reversely.

ESS does not work when any of the following systems is activated:

- Highway assist (HWA).
- Adaptive cruise control (ACC).

- Lane keep assist(LKA).

### Limitations of ESS

Objects that ESS can detect include pedestrians, two-wheelers, vehicles (coaches, trucks, passenger cars).

ESS may not work properly when any of the following conditions or road environments occur:

- Uneven road.
- Metal interference on the road or in the road.
- System misjudgement due to driver's operation.
- Slippery roads with water, snow or ice.
- ESS failure.

### **⚠ Warning!**

ESS is only a driver assist system and cannot handle all emergency situations. The driver is required to pay attention, maintain a safe distance from other vehicles, comply with current laws and traffic regulations, and drive the car safely.

## Front cross traffic alert (FCTA)



When you are driving out of the parking space or passing an intersection, if FCTA detects that there is a risk of side collision in the front, it will remind the driver to pay attention to the side oncoming vehicles. When necessary, automatic emergency braking will be applied to avoid or mitigate the collision.



1. Visual alarm signal
2. Textual alarm signal

### **Note!**

When the ACC, HWA or Lotus Hyper Pilot-Highway Navigation Pilot are not enabled, the instrument cluster will not display the vehicle model but only a visual alarm on the left or right side of the upper edge.

When the system detects that there is a risk of colliding with crossing cars at front, it will alert the driver to note crossing cars ahead through audible and visual signals.

ALL of the following conditions must be met for FCTA to function:

- The target car is running at 0~60km/h.

- The braking speed of the subject vehicle is 4 to 60km/h.
- An alarm issues when the car runs at 4 to 60km/h.
- The driver fastens seat belt.
- The car is moving forward.

### **Note!**

- Due to the interference caused by external factors to the system, the system will inevitably have some false braking or false alarms.
- In case of not wearing a seat belt, only the alarm will be carried out, and the braking will not be carried out.

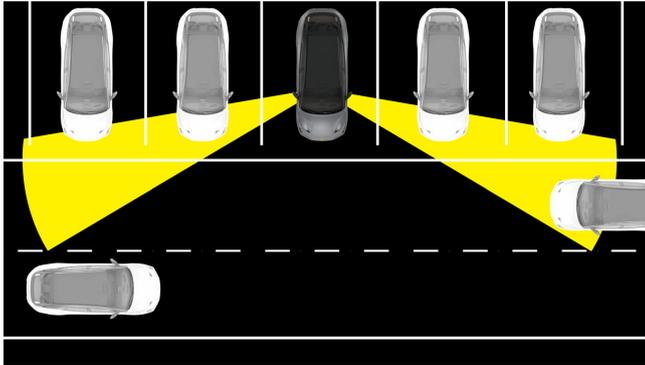
When the FCTA fails, the  indicator on the instrument cluster is illuminated in yellow, the FCTA switch on the central display is gray and cannot be operated; when the FCTA is turned off, the  indicator on the instrument cluster is illuminated in yellow.

### **Note!**

- When you are turning at a right angle or running through a T-intersection, the FCTA may issue an alarm if the turning speed of the target car is 4~60km/h.
- FCTA does not respond to the following objects: including but not limited to roadblocks (e.g., road cones, water-filled barriers), walls, traffic lights.

## Limitations of FCTA

When the car exits the parking space, radars on both sides may be blocked by surrounding cars and obstacles. In this case, FCTA will not be able to detect the front crossing cars in a timely manner.



FCTA does not work well under any of the following conditions:

- The road surface is uneven.
- There are metal interfering objects on the side of the road or on the roadside.
- Driver actions lead to misjudgments by the system.
- LOW attached roads such as rain, snow and ice.
- System failure (such as camera, radar, braking, steering, etc.)

## Lane keep assist(LKA)

LKA attempts to keep the vehicle in its own lane when the vehicle running on highway or main road is about to deviate from its own lane due to driver distraction or other circumstances.

The LKA consists of Lane Departure Warning (LDW), Lane Departure Prevention (LDP) and Emergency Lane Keeping Assist (ELKA).



When LKA works, the driver is required to hold the steering wheel with both hands at all times. When the LKA is activated for the first time and the system detects that the driver is not holding the steering wheel, no prompt message will appear on the instrument cluster. If the LKA is activated again in the next period of time, and the system detects that the driver is still not holding the steering wheel, it will prompt "Please hold the steering wheel" on

the instrument cluster. At the same time, the takeover prompt tone is sounded, and LKA will exit when the alarm is ignored.

When the vehicle deviates from its own lane again, LKA will be enabled again.

LKA can identify lane lines, pedestrians, curbs, and oncoming traffic ahead/behind and calculate the distance of the subject vehicle to the left and right lane lines and the oncoming traffic ahead/behind when the car is running at 60~150km/h. When the car deviates from its lane or is leaving the lane, the system will alert the driver to keep the car in the lane by making a sound.

When the car deviates from the lane or is about to collide with a pedestrian or vehicle in the adjacent lane, the system will provide steering force to bring the car back into its own lane.

### **⚠ Warning!**

- LKA is only to assist you and it may not function properly in all driving, weather, traffic or road conditions.
- Do not use this function on urban streets, construction areas, narrow roads, or areas where cyclists or pedestrians may be present.
- LKA cannot guarantee collision avoidance. It is always your responsibility to drive the vehicle safely.

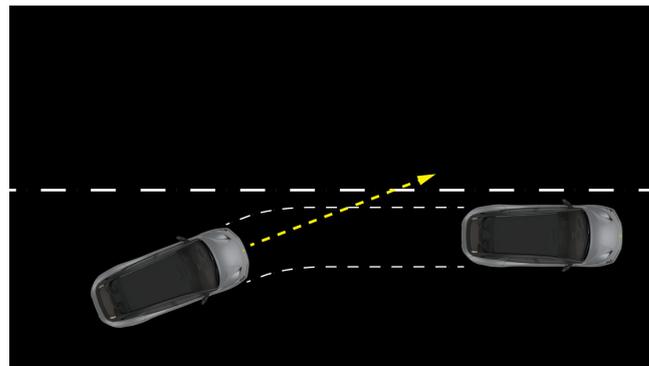
### **ⓘ Note!**

Please hold the steering wheel correctly to avoid triggering the release alarm by mistake.

#### **Lane Departure Warning (LDW)**

If the driver does not actively control the steering of the car and the system detects that the car is about to or has deviated from its own lane, a lane departure warning will be given by generating a sound to alert the driver.

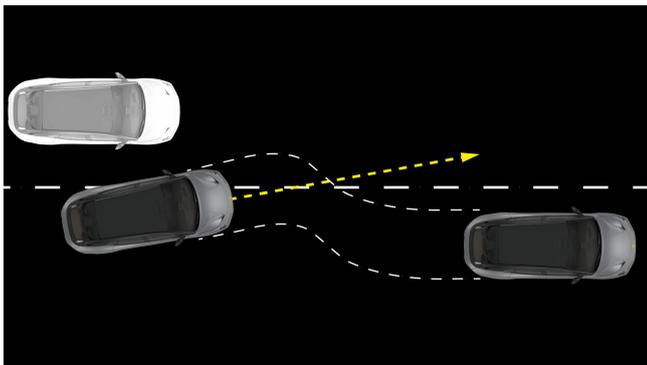
#### **Lane Departure Prevention (LDP)**



If the driver does not actively control the steering of the car and the system detects that the car is approaching a lane line and there

is a risk of deviation, the system will provide steering force to the steering wheel to bring the car back into its own lane. When the car continues to deviate from its own lane, the LDW system, if activated, will issue an alarm to alert the driver.

### Emergency Lane Keeping Assist (ELKA)



ELKA will actively control the steering system to help the vehicle return to its current lane if the system detects that the vehicle is deviating from its own lane and the following conditions are imminent:

- The car is about to rush off the road or collide with the curb.
- Collision with an oncoming vehicle or a vehicle behind due to an unintentional departure from the lane.

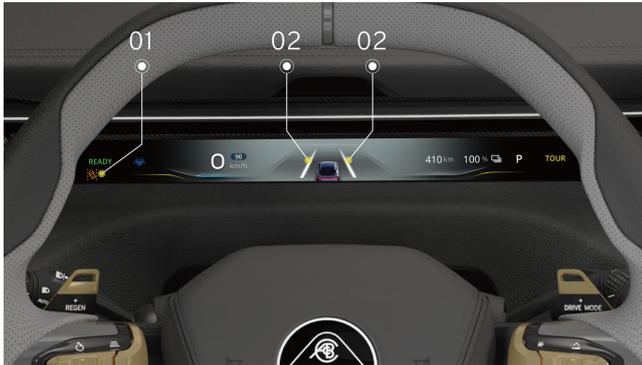
- Collision with a pedestrian in the adjacent lane due to an unintentional departure from the lane.

### **⚠ Warning!**

The driver should maintain attention and judgment at all times, ensure that the vehicle is in its own lane, and comply with current laws and traffic regulations.

### **ⓘ Note!**

- LKA may not work when you are driving on sharp bends or narrow roads.
- During normal driving, the LKA will not intervene or give an alarm if the direction indicator lamps are switched on or the brake pedal is depressed.
- LKA may be limited or unavailable when the ESC is malfunctioning, deactivated or intervening.



1. LKA status indicator
2. Lane lines



No lane line is displayed if it is not detected by LKA.



When LDW is working, the lane lines are displayed in red.



When LKA is working, the lane lines are displayed in blue.

## Setting LKA



## Setting LDW

Click the  icon on CSD and select **Safety** to enter LKA setting interface where the lane keep assist can be set.

When the LKA fails, the  indicator on the instrument cluster is illuminated in yellow, the LKA switch on the central display is gray and cannot be operated; when the AEB is turned off, the  indicator on the instrument cluster is illuminated in yellow.

## Limitations of LKA

It is recommended that you do not rely too heavily on LKA as it may not work properly in the following situations:

- The lane lines are not clear.
- The speed of the car is not within the working range.
- The driver actively steers.
- System failure (such as camera, radar, braking, steering, etc.)

## Traffic sign identification (TSI)

The traffic sign identification (TSI) obtains road traffic sign information such as speed limit signs through the front camera, map and navigation information, and prompts the driver of the current road sign information through the instrument cluster in real time. If the car is driving at a speed above the speed limit of the current road, the system will give an alarm in time to assist the driver to drive in a regulated manner.

TSI is used to alert you to current speed limits on the road, and helps you to keep driving at the legally prescribed speed and comply with local traffic restrictions.

### Warning!

- Drivers must always keep their attention and judgment, actively control the speed and drive safely, and abide by traffic rules.
- Any TSI system indications and warnings are without prejudice to the actual speed limit applicable in a particular situation, the observation of which and compliance with remain ultimate responsibility of the driver.

### Note!

- Generally, maps are automatically updated monthly via OTA updates.
- Maps are free to use for seven years, and the system works for 14 years.

### Note!

TSI can identify traffic speed limit signs, but not other traffic signs.

After TSI recognizes the speed limit sign on the road, it will be displayed on the instrument cluster in the form of an icon.



1. Current speed
2. Speed limit sign on current road

When the TSI fails, the  indicator on the instrument cluster is illuminated in yellow, the TSI switch on the central display is gray and cannot be operated.

## Note!

- If the speed limit sign is not clear or is twisted, inclined, irregular, partially occluded or covered, etc., the identification ability of the front camera will be impaired, resulting in misidentification or failure to identify.
- Road sign information may not be displayed or be displayed inaccurately when the map data is incorrect, not updated, or inaccurately positioned.
- For other signs that are not standardized or not positioned as required, they may be recognized as speed limit signs/road signs, resulting in misidentification.
- The features of speed limit alarm/road sign recognition are affected by factors such as the field of view of the front camera, the relative position of the front camera and the speed limit/road sign, etc., therefore the speed limit/road sign may be incorrectly identified or not identified.

## Speed limit information identification



The alarm will be triggered when the vehicle speed exceeds the speed limit recognized by the system; The alarm will be released when the vehicle speed is below the speed limit recognized by the system until a new speed limit is detected.

## Note!

- The speed limit sign of the current road is recognized, and the speed limit value is displayed; in case of recognition failure, "---" will be displayed.
- The speed limit alarm only has the function to remind the speed limit. The driver must actively control the speed and comply with current laws and traffic regulations.

- TSI can automatically position the vehicle and automatically detect the country where the vehicle is located, but the driver still needs to actively set the speed **UNIT** ( KILOMETERS and MILES)( p.273 ) according to the road speed limit sign in different countries, otherwise the speed limit alarm may not work normally.

### Setting speed limit alarm



1. Automatic speed limit alarm
2. Fusion with speed-limit
3. Setted speed limit alarm

You can click the  icon on CSD as needed, and select **Safety** to enter the automatic speed limit alarm setting interface where you can set the speed limit alarm mode.

You can also manually click to open the setted speed limit alarm, drag the slider to any position of the setted speed limit alarm slider to set the speed limit.

### Automatic speed limit assist for cruising



1. Current speed
2. Target speed
3. Speed limit sign on current road

With the ACC/HWA and fusion with speed-limit enabled simultaneously, if the speed limit sign on the current road is

detected, and the target speed currently set by ACC/HWA is higher than the speed limit, the system will automatically adjust the target speed to the speed limit value; if the target speed is lower than the speed limit, no change will be made.

### Limitations of TSI

TSI may fail to identify or inaccurately identify road signs in the following conditions:

- Irregular road sign.
- Faded logo.
- Sign on a curve.
- Rotated or damaged sign.
- Signs erected high above the highway.
- Signs that are completely/partially obscured or in a relatively obscure position.
- Signs that are fully or partially covered by frost, snow and/or dust.

## Rear drive assist

### Rear collision warning (RCW)

If the Rear Collision Warning (RCW) detects a risk of rear-end collision when the car is driving at a speed within 0~150 km/h, it will alert the driver through audible and visual signals, and trigger the

hazard warning lights to turn on, alerting the driver of the vehicle behind to brake.

### **i** Note!

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- The vehicle is at rest (non-trailer state) after starting. When the gear lever is in non-R gear and there is a rear collision risk and the collision cannot be avoided, the system will request the vehicle to apply brake automatically to reduce the risk of the car slipping forward after being rear-ended and to avoid a secondary collision between the subject vehicle and the vehicle ahead.
  - When the turn signal, hazard warning light, and emergency brake light are turned on, Collision warning (RCW) will not be triggered to activate the hazard warning light.
-



Visual alarm signal



When the following car is close to your car, the rear of your car turns yellow.



When the following car is very close to your car, the rear of your car turns red.

### **Note!**

If the ACC, HWA or Lotus Hyper Pilot-Highway Navigation Pilot are not enabled, the instrument cluster will not display the vehicle

model but only indicates the corresponding colour in the middle of the lower edge.

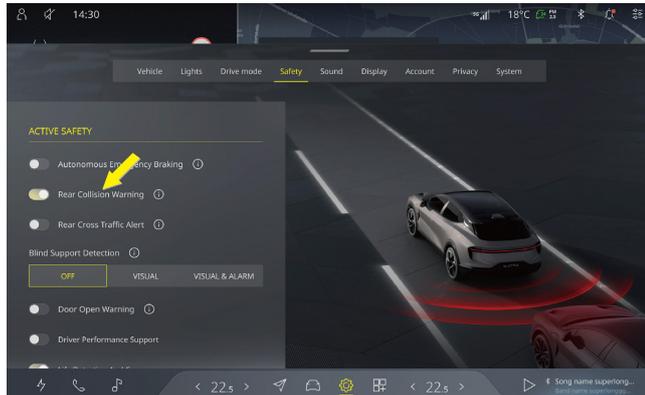
If the RCW works in non-R gears and the vehicle does not slip backwards, then the following targets approaching from the rear can be detected:

- Bicycles.
- Motor vehicles.
- Electro-mobiles or motorcycle.

RCW may not work when the vehicle is under any of the following conditions:

- In reverse (R) gear.
- In towing mode.
- The driver is not wearing a seat belt.
- ESC is deactivated.
- Any of the vehicle doors (including the bonnet and the tailgate) is not closed.

## Setting RCW



You can click the  icon on CSD and select **Safety** to enter RCW settings interface, where you can turn on or off the RCW.

### Note!

When the RCW is malfunctioning or does not work properly, the  indicator will be illuminated.

### Limitations of RCW

It is recommended that you should not rely too much on RCW, as it may not detect a target or work well in the following cases:

- Adverse weather such as snow, fog, etc. that affects the system and prevents the target from being detected.
- The target vehicle approaches after changing lanes from another one.
- System failure (such as camera, radar, braking, steering, etc.)

## Blind spot detection (BSD)

The blind spot detection (BSD) covers blind spot areas as well as the area of rapid arrivals on the side and rear, helping the driver to be more alert to blind spots and vehicles coming from behind, especially when turning or changing lanes.



Visual alarm signal

## ⓘ Note!

If ACC, HWA or Lotus Hyper Pilot-Highway Navigation Pilot are not enabled, the instrument cluster will not display the vehicle model.

BSD works when the car is driving at a speed within 15~150km/h.

When BSD is working, the BSD indicator on the outside mirror will be illuminated or flash, accompanied by an audible alarm, and a visual alarm signal will pop up on the instrument cluster.

If your vehicle is equipped with a streaming mirror, the blind spot monitoring indicator lights up or flashes on the streaming mirror display with an audible alarm while BSD is working.

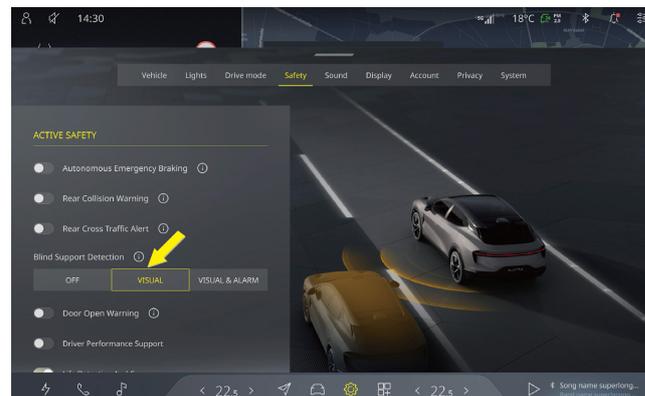
## ⚠ Warning!

Do not rely too much on BSD. To ensure the safety of lane changes, the driver is required to be vigilant and needs to make good observations and judgements of the surroundings before changing lanes.

BSD may not work when the vehicle is under any of the following conditions:

- In reverse (R) gear.
- The vehicle is in towing mode or not driving.

## Setting BSD



BSD warning mode

Click the ⚙ icon in the CSD, and select **Safety** to enter the lane change safety and warning setting interface, where the BSD warning method can be selected.

## ⓘ Note!

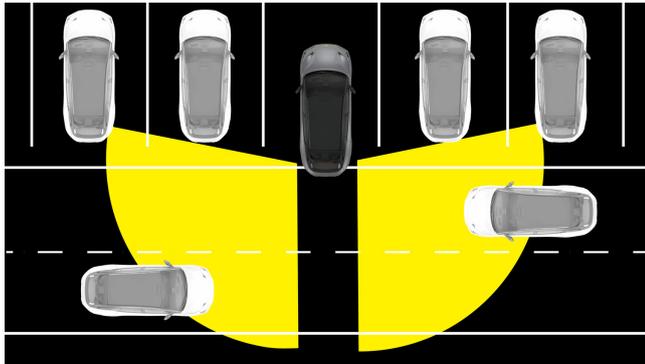
When the BSD is malfunctioning or does not work properly, the 🚨 indicator will be illuminated.

## Limitations of BSD

In any of the following cases, the BSD may not detect the target or work well, and it is recommended that you do not rely too much on the BSD:

- Adverse weather such as snow, fog, etc. that affects the system and prevents the target from being detected.
- The driver changes lanes without switching on the direction indicator lamp.
- The target is small or moving slowly or stationary.
- The car is making a sharp turn or in an open area.
- The target vehicle is approaching very quickly or very slowly.
- System failure (such as camera, radar, braking, steering, etc.)

## Rear cross traffic alert (RCTA)



If there is a risk of a lateral collision at the time when the driver reverses from the parking space or garage, RCTA will alert the driver to notice the rear side of the vehicle and, if necessary, AEB will be applied to avoid or mitigate the collision.



Visual alarm signal

### ⓘ Note!

- If the ACC, HWA or Lotus Hyper Pilot-Highway Navigation Pilot are not enabled, the instrument cluster will not display the vehicle model but only a visual alarm on the left or right side of the lower edge.
- RCTA does not respond to the following objects: including but not limited to road obstacles (e.g., road cones, water-filled barriers), walls, traffic lights.

- When braking is triggered by the RCTA, the braking force will last for 2S after the triggering, and the user should take over the vehicle in time to avoid a collision.

In addition to visual alarms on instrument cluster, the following alarm forms will also be presented to remind the driver of car coming from behind when the system detects that there is a risk of rear lateral collision:

- The BSD indicator on outside mirror is illuminated.
- A hazard warning is shown on CSD.

If your vehicle is equipped with streaming mirrors, the blind spot monitoring indicator lights up or flashes on the streaming mirror display with an audible alarm.

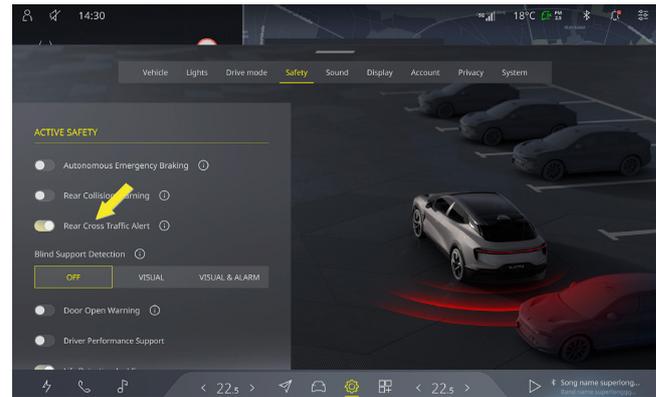
The following conditions must be met for RCTA to function:

- The gear is shifted to N or R and the car speed is below 18km/h.
- The target car is running at 0~97km/h relative to your car.
- The driver fastens the seat belt and the four doors (including the bonnet and the tailgate) are closed.
- ESC is enabled.
- The vehicle is not in towing mode .
- RCTA is enabled.

## Warning!

To ensure safe reversing, you have to look around and make sure your surroundings are safe before reversing.

### Setting RCTA

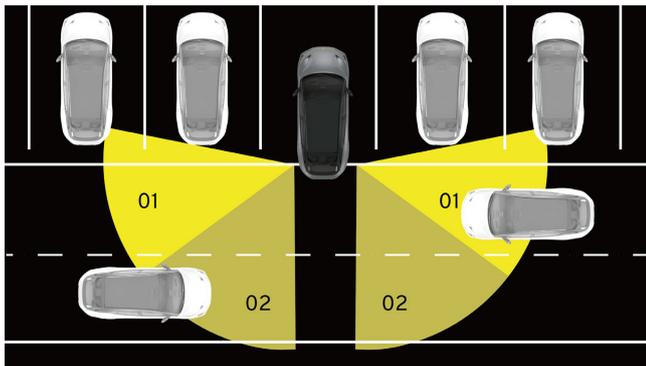


RCTA setting interface

Click the  icon in Vehicle Settings interface, and select **Safety** to enter RCTA setting interface, where you can turn on or off the RCTA.

## Limitations of RCTA

When the car reverses from the parking space or the garage, radars on both sides may be blocked by surrounding cars and obstacles. In this case, RCTA may fail to detect the rear crossing cars in a timely manner.



1. Blind spot
2. Detected area

In any of the following cases, the RCTA may not detect the target or work well, and it is recommended that you do not rely too much on the RCTA:

- Adverse weather such as snow, fog, etc. that affects the system and prevents the target from being detected.
- System failure (such as camera, radar, braking, steering, etc.)

## Door open warning (DOW)

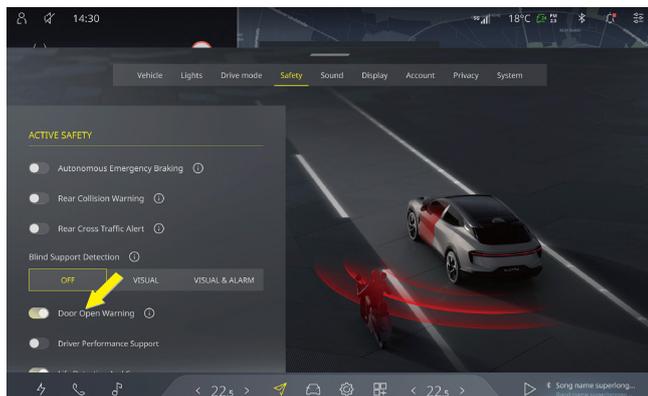
When the car is stationary or driving at a low speed, the DOW system detects the moving targets approaching from behind and the sides. When there is a potential risk of collision at the time of door opening, the BSD indicator on the outside mirror will be illuminated or flash, accompanied by an audible alarm, to remind the driver and passengers that opening door may result in a risk of collision.

When the system predicts that there is a risk of collision at the time of opening the door, it will hinder the driver and passengers from using the door switch to open the doors, but the emergency handle can be used normally to open the door.

### ⓘ Note!

If the door cannot be opened normally due to the system, you can use the emergency handle to open the door.

## Setting DOW



DOW setting interface

You can click the  icon in the CSD, and select **Safety** to enter the DOW setting interface, where the DOW function can be activated or deactivated.

### Limitations of DOW

In the following cases, the DOW may not detect a target or work well, and it is recommended that you do not rely too much on DOW:

- Adverse weather such as snow, fog, etc. that affects the system and prevents the target from being detected.
- Targets approaching from the side and rear of the car are moving too fast.

- The target is small or moving slowly or stationary.
- On sharp turns, downhill roads, quite narrow or wide lanes.
- System failure (such as camera, radar, braking, steering, etc.)

## Brake assist system

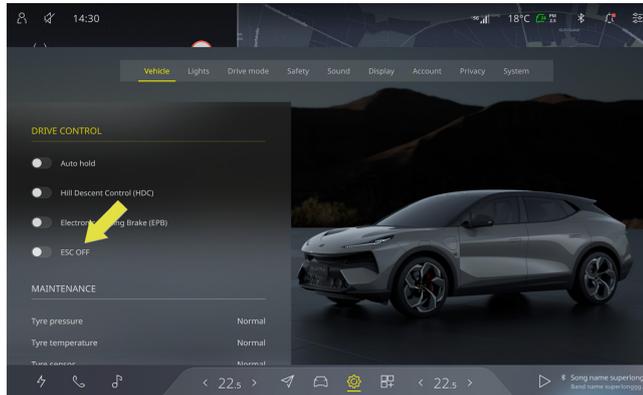
### Electronic stability control (ESC)

The electronic stability control (ESC) can improve driving stability and safety by intervening the driving torque output or applying braking force to wheel ends when the vehicle is unstable.

#### Warning!

- ESC is an auxiliary system, which cannot handle all situations or road conditions. It is always the driver's responsibility to drive the car safely and comply with current laws and traffic regulations.
- Do not modify the suspension of the car. Otherwise, the ESC cannot function properly, and the manoeuvrability of the car may be adversely affected.

## Setting ESC



### ESC switch

You can click the  icon in the CSD and select **Vehicle** to enter the ESC setting interface, where you can click to turn ESC on or off.

### Warning!

The stability control applied to the car will be reduced when ESC is deactivated.

### Note!

If the car gets stuck in snow, sand or other conditions, deactivating ESC can help the car get grip and traction. At this time, the  indicator on the instrument cluster will be illuminated.

### Anti-lock Braking System (ABS)

ABS can prevent the wheels from locking up when the driver is applying the maximum braking force. It improves the car's steering control in emergency braking situations under most road conditions.

### Warning!

On rough, gravel or snow-covered roads, the braking distance may be longer than on normal roads.

### Note!

When the ABS is triggered, the driver will feel a continuous "clucking" sound coming from the bonnet. This is a normal phenomenon caused by the operation of ABS, not a malfunction.

### Electronic Brakeforce Distribution (EBD)

EBD ensures good braking performance and stability of the car under different load conditions by regulating the distribution of

braking force between front and rear wheels and controlling the slip of rear wheels.

### Corner Traction Control (CTC)

CTC assists in controlling the vehicle to pass through a curve at high speed. When the inside wheels have a tendency to slip, CTC will apply the braking force to them, and increase the torque applied to the outside wheels through the differential, so as to improve the curve passing ability of the car.

## Traction control system (TCS)

The traction control system (TCS) can intervene in the output torque of vehicle according to the degree of wheel slip, and assist the driver in controlling the vehicle to achieve a smooth start and improve the vehicle's driving ability and stability.

### Note!

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TCS is a function that is enabled by default in ESC, and it will be activated when the car is accelerating and starting on a road with low adhesion or on a split road.

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When the car is starting on a completely wet and slippery road, the ESC indicator  on the instrument cluster will flash if any of the wheels slips. ESC can reduce the torque output of the powertrain to reduce slip and allow the car to be started quickly.

When the car is starting on a split road with one side slippery, the ESC indicator  on the instrument cluster will flash if any of the wheels slips. ESC improves the car's drive ability and stability by applying braking force to tyres on the side with low adhesion.

If continuous operation of TCS leads to over-temperature of the brake discs, the TCS will be deactivated, and display corresponding text on the instrument cluster to remind you that the brake disc temperature is too high.

### Warning!

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The driver should maintain attention and judgement at all times to ensure the driving safety and override the car when necessary.

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## Hill descent control (HDC)

HDC controls the speed of the car through automatic braking intervention. When driving downhill, the driver does not need to continuously depress the brake pedal to control the speed of the car. The current speed of the car can be maintained automatically, so the driver can focus more on controlling the steering wheel. HDC mainly works when the car is running downhill on rough or slippery long steep slopes.

The driver can still step on the accelerator pedal to increase speed temporarily, or step on the brake pedal to slow down or stop the car at any time.

## ⚠ Warning!

If the HDC is working continuously while the car is running downhill on a long slope, the temperature of the brake discs may be too high, in which case, the HDC will be deactivated temporarily, and the 🧑🏻 icon on the instrument cluster will be illuminated to remind the driver to take over the vehicle.

If the HDC is activated during downhill driving, the 🧑🏻 icon on the instrument cluster will be illuminated, and the speed can maintain at a speed of 4~35km/h: When the speed is less than 4km/h, the speed is maintained at 4km/h after the brake pedal is released; at a speed of 35 to 40km/h, the speed is maintained at 35km/h when the brake pedal is released.

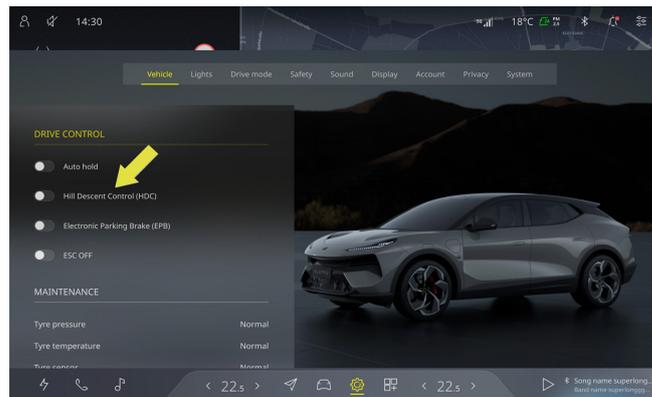
## 📌 Note!

- After HDC is turned on, HDC is only activated when the vehicle is running downhill at low speed on a steep slope.
- At speeds above 60km/h, HDC is deactivated and disabled automatically.
- When HDC is deactivated, the braking force gradually decreases until it disappears.

## ⚠ Warning!

The driver should maintain attention and judgement at all times to ensure the driving safety and take over the car when necessary.

### Setting HDC



#### HDC switch

Click the ⚙ icon on CSD and select **Vehicle** to enter the HDC setting interface.

Enable HDC, and the 🧑🏻 icon on the instrument cluster will be shown in grey, indicating that the vehicle enters ready mode.

## Brake assist system (BAS)

The BAS detects the speed at which the driver depresses the brake pedal to determine whether it is an emergency braking situation. When the driver does not apply enough force to the brake pedal or the pedal travel is insufficient to provide sufficient braking force, the system may increase the brake force automatically.

### Note!

The BAS will not work when the ESC fault indicator  remains on, in such a case please contact the Lotus Customer Care Centre in time.

## Anti roll-over program (ARP)

The ARP is an active safety system that keeps the vehicle stable by detecting its driving condition and applying braking force to the tyres before the vehicle becomes unstable.

### Warning!

The driver should maintain attention and judgement at all times to ensure the driving safety and take over the vehicle when necessary.

### Note!

ARP is a function that is enabled by default in ESC. In the event that the vehicle is about to roll over due to the sharp turning of steering

wheel by driver, the ARP will be activated and the corresponding  indicator on the instrument cluster will flash.

## Hill start assist (HSA)

The HSA helps the driver to prevent the vehicle from moving downhill when starting on a ramp. HSA will keep the vehicle stationary on a ramp for a short time (approximately 2 s) after the brake pedal is released.

HSA is operational when the gear lever is set to Drive (D) or Reverse (R) position and the Electronic Parking Brake (EPB) is deactivated.

### Warning!

- HSA is not a substitute for the Electronic parking brake(EPB). The driver should shift gear to Park (P) and enable the EPB when leaving the vehicle.
- If the vehicle starts to slip backwards, the brake pedal should be depressed immediately. HSA may not be able to prevent the vehicle from sliding down a steep ramp under all load conditions or all road conditions.
- When starting on a ramp, it is forbidden to press the brake pedal and the accelerator pedal simultaneously.

## Lotus intelligent dynamic control (LIDC)

The LIDC enhances the manoeuvrability, stability and comfort by integrating the information of driver's control over the vehicle during the driving and detecting the overall condition of the vehicle based on sensors.

### **i** Note!

If your vehicle is equipped with active rear steering, LIDC can improve the steering agility and driving agility and reduce the turning radius of the vehicle in the following scenarios:

- When driving at medium or low speeds.
- When the vehicle is reversing at low speeds.

When the vehicle is running at high speed, the LIDC can keep the vehicle moving stably before the ESC is activated. In this process, the control is smooth, thereby improving driving comfort.

### Lotus intelligent anti-roll control system\*

The Lotus intelligent anti-roll control system monitors the movement of the vehicle in real time through the sensors arranged on the chassis and the body. The electronic active stabilizer bar provides greater roll support in the curve, reduces the roll angle of the body, and improves the grip of the vehicle in the curve. When a single wheel drives over a pit or a road, it can reduce the mutual

influence when the left and right wheels jump up and down, reduce the impact of the road impact on the body, and improve the comfort.



When a fault alarm related to the Lotus intelligent anti-roll control system is displayed on the instrument cluster, you are not allowed to drive on rough roads and turn at low speed. In this case, contact the Lotus Customer Care Centre in time to eliminate the fault.

### **⚠ Warning!**

- It is prohibited to remove and install relevant components of the suspension controller without permission.
- Do not place any magnetic objects near the electric active anti-roll bar system to prevent damage to it.

## Electrical pad wear indication (EPWI)

The EPWI is used to detect the wear condition of the friction pads. When the friction pads are worn to the limit or the sensor is short-circuited, there will be a text prompt displayed on the instrument cluster and the fault lamp will be illuminated, accompanied by an audible alarm.

Alarm status	Text prompt	Fault lamp
The front friction pads are worn to the limit	Front brake pads worn, please check	
The rear friction linings are worn to the limit	Rear brake pads worn, please check	
The front friction pad alarm is short circuited	Front brake pad alarm failure, please check	
The rear friction pad alarm is short circuited	Rear brake pad alarm failure, please check	

The text prompt and fault light alarm will remain until the fault is removed. The audible alarm will stop when a malfunction occurs

or when the power is turned on and the alarm is triggered several times.

The EPWI does not work when the vehicle is in the following conditions:

- The vehicle speed is less than 10 km/h.
- EPB is activated.
- Any braking behaviour.

### Warning!

- The warning appears or disappears within a period after the fault is occurred or removed.
- When an warning occurs, the driver must decelerate and stop the car safely as soon as possible, and confirm that the fault has been removed before continuing to drive the car.

### Note!

- It is recommended that you regularly drive your vehicle to a Lotus authorized repairer for inspection or replacement of friction pads and brake discs. If you encounter any problem during driving, please contact the Lotus Customer Care Centre as long as you can ensure your safety.
- The alarm does not distinguish between the left and right wheels. Please check the friction pads on both sides of the front or rear wheels at the same time.

- Lotus cars are applied with sports brake linings, and these linings may generate braking noise under a specific speed or specific environmental conditions and when certain braking force is applied. In such case, the car can still run normally because its braking performance is not affected. If you want to further confirm the status of your car, please contact the Lotus authorized repairer.
- Different from traditional cast iron brake discs, the carbon-ceramic brake discs are easier to absorb water vapor due to their molding process, and thus water film may appear on the surface of the brake disc after vehicle wading, washing or long-term parking in humid environment. To restore the braking performance, you should apply brake to the vehicle vigorously several times to eliminate the water film formed on the surface of the brake disc.

---

## Post impact control (PIC)

The PIC function can automatically brake the vehicle to stop or reduce its speed after a collision, avoiding or mitigating the risk of subsequent impacts.

### **i** Note!

When PIC is working, the driver may hear a continuous sound like rattle from the bonnet, and also feel a vibration from the brake

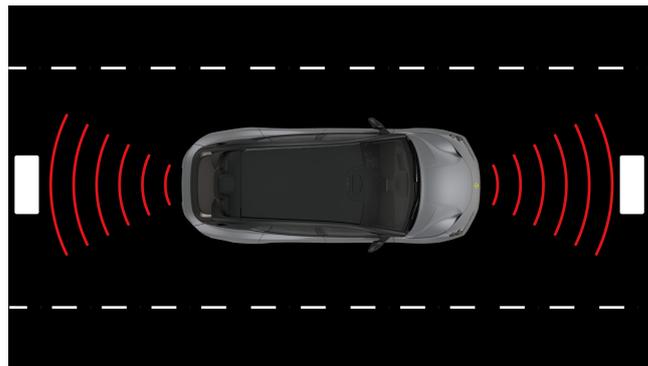
pedal. This is a normal phenomenon caused by the operation of ESC, not a malfunction.

---

## Park assist system

### Parking assist (PA)

When the vehicle is running at a speed of 0 to 15 km/h, the parking assist system can detect and warn of obstacles in the front and rear sides of the vehicle, and alert the driver of the risk of collision through audible and visual alarms.



The park assist system includes parking assist front (PAF) and parking assist rear (PAR), and all of the following conditions need to be met for the system to work:

- The car is powered on.
- The gear is not in P.
- PAF and PAR are turned on.

## Warning!

---

Do not rely too much on parking assist system, in order to ensure parking safety, drivers need to remain vigilant and do a good job of observation and judgement of the surrounding environment.

The ultrasonic sensor is limited in the following conditions, and messages such as "ultrasonic radar is limited", "please remove the coverings of the front parking radar", "please remove the coverings of the rear parking radar" may appear, including but not limited to:

- One or more ultrasonic sensors are limited, misaligned, or obscured (e.g., by sludge, snow, ice, or car cover).
- Under bad weather such as rain, snow, fog, and haze.
- The sensor is affected by other electrical equipment or devices that can cause interference.

Ultrasonic sensors may fail to detect irregularly shaped obstacles, low obstacles, obstacles made of special materials, etc. In this regard, you should always focus on the surroundings. Otherwise, it may cause property damage or personal injury. These obstacles include but are not limited to:

- Pedestrians, children, or animals.

- Open ground locks, low stone piers, cylinders, thin rods, sharp objects, potholes in the ground, etc.
- Height-limited doors, rods or suspended structures.
- Obstacles at the side of the body that can cause collisions and scratches.
- Bicycles, corners, square columns and corners of parking lot, plastic foam, snowdrifts, etc.

## Note!

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- When the ultrasonic radar is dirty or obstructed, please clean or remove the cover in time.
  - When any ultrasonic radar sensor fails, the PDC will be invalid and a text prompt will appear on the parking interface.
- 

### Limitations of parking assist system

Parking assist system may not work properly in the following situations:

- The car is on a steep slope.
- One or more ultrasonic sensors are dirty or blocked.
- In extreme weather conditions, any of the ultrasonic sensors is disturbed.
- Any of the ultrasonic sensors is affected by other electrical equipment or devices.

## Visual parking assist (VPA)

VPA captures the vehicle surroundings through a park assist cameras and displays the detected information on the CSD to provide the driver with a panoramic view of the vehicle.

Click the  icon on the CSD to select the **Parking** APP and enter the VPA interface. To exit, slide down on the VPA interface or click the parking APP again.

### **Warning!**

- VPA is an auxiliary function, and the driver still needs to pay attention to observe the surrounding environment during use.
- The distance from the person/object/obstruction to the vehicle shown on the CSD may be closer than the actual distance.

The normal operation of VPA depends on the surround view camera sensor. The sensor may be limited and the function of the camera may be affected in the following conditions:

- The camera mounting position is changed, or the camera is blocked or stained, out of focus, faulty, etc.
- The surroundings are dim, such as at dawn, dusk, night, in tunnels, or under large shadows cast by buildings, scenery or large vehicles.
- The brightness of the surroundings suddenly changes, such as at tunnel entrances or exits.

- The sun shines obliquely or directly on the camera.
- Under bad weather such as rain, snow, fog, and haze.

### **Note!**

- 
- When any parking assist camera fails, a red triangle warning symbol  will appear on the VPA interface.
  - The VPA will be automatically enabled when the R gear is engaged. In P gear, after a period of time VPA will be automatically closed.
  - The VPA cannot be activated unless the vehicle speed is below 20km/h.
  - Dynamic effect of blind spot filling is observed around the model as indicated by VPA, and there is actually a 30cm blind spot. Thus, VPA cannot take place of visual inspection. You must always focus on traffic conditions and the road environment and drive the vehicle when it is safe to do so.
-

## View switching

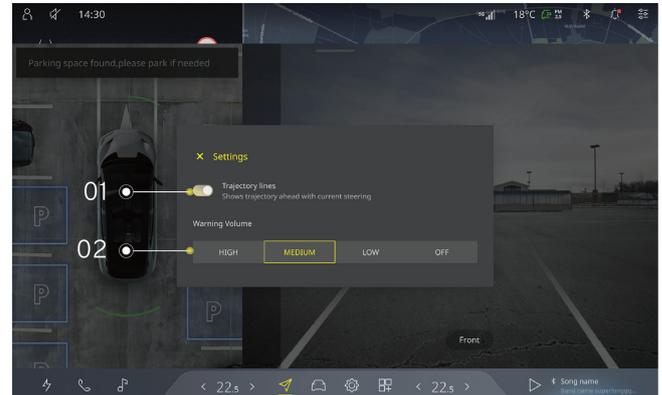


1. Panoramic image view
2. Automatic parking view
3. Setting switch

Click the 360 panoramic image interface to switch the panoramic image view and the automatic parking view.

### Setting VPA

In the VPA interface on the CSD, click the  icon to enter the setting interface.



1. Trajectory lines
2. Warning volume

The trajectory/guide lines on the CSD simulate the projection of the vehicle on the ground. With the guide lines, the driver can view the path that the vehicle will pass through. The system adjusts the guide lines accordingly as the steering wheel is turned.

The radar color block is displayed on the CSD to identify the detected obstacles and emit the corresponding prompt tone. You can disable the warning volume or set the warning volume for the high, medium, and low positions as required.

## Automatic parking assist (APA)\*

The APA can identify the surrounding environment, automatically search for parking spaces around the car, and prompt the driver to park when an available parking space is found. The driver can follow the system prompts after stopping the car, so that APA can control the steering, speed, and gear shifting, etc. of the car, and automatically drive the car into the selected parking space.

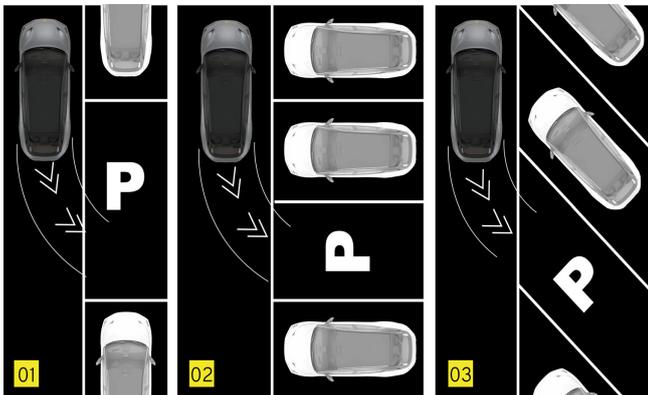
### Warning!

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- Even when APA is activated, the driver shall always be responsible to intervene actively and override the car as necessary.
- Do not use APA on sloped or potholed roads.
- The performance of APA depends on the capability of the environmental camera and ultrasonic sensor to detect and identify the environment. When using the environmental camera and ultrasonic sensor, check if they are damaged or in an abnormal installation position. The left and right surround view cameras are mounted on the outside wing mirrors, thus you should check whether the outside wing mirrors are deployed and in the correct position. In case that any of the left/right outside wing mirrors, surround view cameras and ultrasonic sensors is damaged or in an abnormal position, do not use APA.

- Check whether there are pedestrians, children, animals, and other thin, pointed, low, suspended obstacles (e.g., ground locks, low stone piers, road cones, thin poles, sharp objects, wall corners, square columns and corners of parking lot) that may affect the detection of the ultrasonic sensors around the vehicle.
  - As a driving assist function, APA cannot deal with all traffic, weather, road and light conditions. You must always focus on traffic conditions and the road environment and decide whether to use this function under the premise of ensuring safety.
  - If you find that it is better not to use APA under current traffic conditions or there are other unsafe factors, you shall always be prepared to take over the vehicle. Remember that you are ultimately responsible for the safe parking.
- 

APA can support three kinds of parking spaces: parallel, vertical, and inclined.



During the automatic parking, the vehicle can be overridden by any of the following ways:

- Active shifting.
- Depressing the accelerator pedal.
- Operating the steering wheel to turn.

### Automatic park-in

1. Click the  icon on the CSD to select the **Parking** APP and enter the parking interface.
2. Drive your car to search for an available parking space.



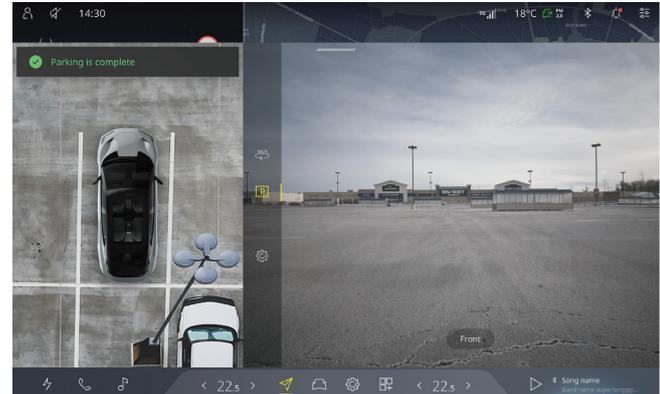
3. If an available parking space is found, depress the brake pedal to stop the car stably and click the **IN CAR** button.



- Follow the instructions to release the brake pedal and steering wheel, and start to automatically drive into the parking space.



- When the automatic parking is complete, the CSD will show that the parking is completed.



### **Warning!**

- Always observe your surroundings and follow APA's instructions.
- Before automatic park-in, be sure to confirm the identified parking space.

### **Note!**

- When multiple parking spaces are found, the system will recommend the best parking space after the car is stopped. The driver can also choose the desired parking space independently.
- APA is not effective in all situations and it is only used to assist when park-in into parallel, inclined or vertical spaces.

- After the automatic park-in is completed, the driver may need to adjust the vehicle' position further to ensure proper parking.

---

### Limitations of APA

APA will be terminated and exited forcedly when any of the following conditions occur, at this time, the driver must take over control of the vehicle:

- The parking space is too small.
- Speeding or overtime at parking.
- Snow chains are used.
- It rains heavily.
- The camera is blocked or the sensor is disturbed.
- E-call in use.

### Note!

- 
- If the vehicle is parked in a space close to the kerb by APA, the running path set by the APA may exceed the curb, so the driver needs to shift gears according to the actual situation to prevent the raised road shoulder from damaging the tyres or wheels.
  - Using non-original tyres or incorrect inflation pressure may affect the performance of APA.

The APA may not work as expected in the following road conditions (including but not limited to):

- The road surface is uneven or has steps; In this condition, do not use APA. APA is only available on flat roads.
- If improper parking is performed on roads with curbs made of special or unknown materials, the tyre rim of the vehicle may be damaged by the curb. In this case, please take over the vehicle in time.

The functions of ultrasonic sensors are limited and this may cause the APA to be inoperative or not to operate as expected in the following conditions (including but not limited to):

- One or more ultrasonic sensors are damaged, misaligned, or obscured (e.g., by mud, snow or ice).
- The performance of ultrasonic sensors is affected by rain, snow, fog, haze and other bad weathers.
- The sensor is affected by other electrical equipment or devices that can cause interference.

The recognition capability of surround view cameras is limited and this may cause the APA to be inoperative or not to work as expected in the following conditions (including but not limited to):

- The left/right outside wing mirror or the front/rear of vehicle is damaged, causing the surround view camera to be positioned abnormally.
- The surround view camera is stained (e.g., by mud, snow or ice) or blocked.

- Under strong sunlight or in the shadow of mottled trees.
- The ground is reflective or has accumulated water.
- The parking space is in unconventional size (too narrow or too wide) or paved with floor tiles.

Others:

- If there is a trailer attached to the rear of the vehicle, do not use APA.
- If the vehicle is fitted with snow chains or spare wheels, do not use APA.
- If the loaded object protrudes from the vehicle, do not use APA.

---

## Remote parking assist (RPA)\*

The RPA enables the vehicle to be driven into a parking space automatically through the control from the mobile APP after the APA recognizes an available parking space.

### **Warning!**

When using RPA, always ensure that the vehicle is within the visual range and keep observing the surroundings of the vehicle. If there is a safety risk, you should release the auto park-in button on the mobile App in time to stop the vehicle.

---

Using the features of RPA requires the mobile phone to be bluetooth enabled and in range of connection. Remote parking will be suspended if any of the following conditions occurs:

- The remote control is not within the range of bluetooth.
- The bluetooth is disconnected.
- You are making or receiving phone calls.
- The system switches to background.

### **Note!**

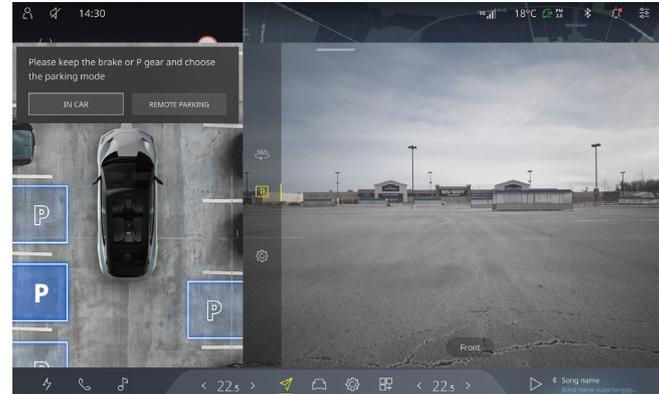
- The remote parking assist function is effective within 6m. However, due to the restrictions of Bluetooth signal, you may need to use it close to the vehicle.
  - After the RPA is suspended, if the bluetooth is not reconnected within a period of time or the RPA is suspended for a long time, the RPA will exit.
- 

### **Park-in with RPA**

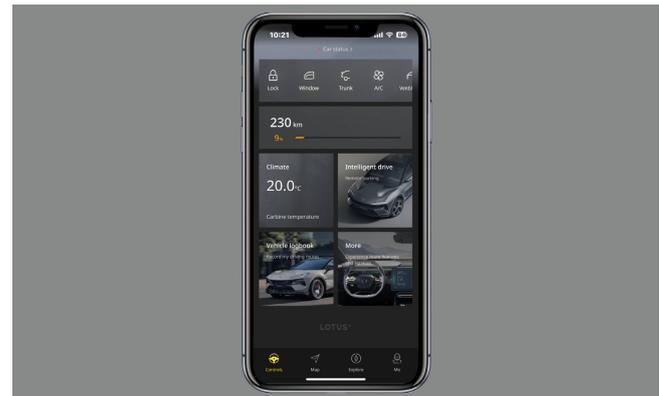
1. Click the  icon on the CSD to select the **Parking** APP and enter the parking interface.
2. Drive your car to search for an available parking space.



- When an available parking space is detected, depress the brake pedal to stop the car stably. The driver can get out of the car with valid key and phone carried after clicking the **REMOTE PARKING** button and hanging into P gear.



- Open the mobile APP outside the vehicle, select **More Applications**, and click the **Remote Parking** button.



- By holding the **Long press to park** button, the vehicle will be driven into the parking space automatically. After the park-in is completed, the vehicle will be powered off automatically and locked.



### **i Note!**

When the car is automatically moving into the parking space, you need to press and hold the **Long press to park** button. If the button is released, the car will stop moving.

### **Limitations of APA**

RPA is an extension of APA and has the same limitations as those of APA( p.243 ). The precautions and limitations of APA also apply to RPA.

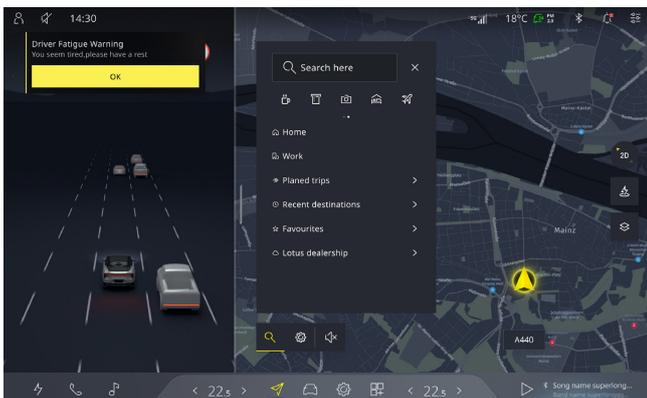
## **Driver performance support**



### **Driver performance support camera**

The driver monitoring system monitors the driver's status by the driver performance support camera. When the system judges that the driver is in fatigued driving at a speed is greater than 10km/h, texts will pop up and the alarm light  will be illuminated on the instrument cluster, and simultaneously the LKA and AEB (if disabled) will be enabled until the driver no longer feels fatigued and

becomes conscious. A card prompt pops up on the CSD to alert the driver and ensure safe driving.



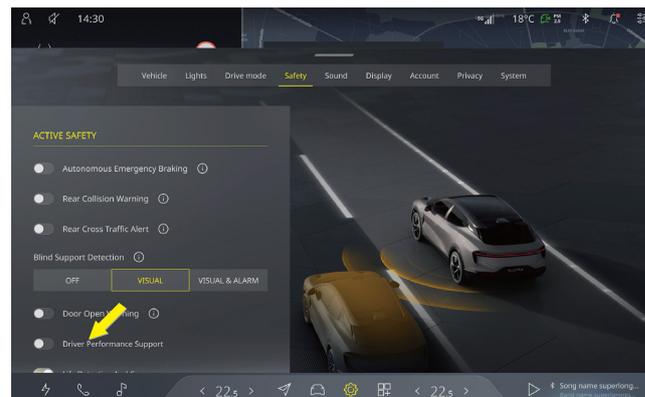
## Warning!

- Driver performance support is an auxiliary system and cannot actively intervene in driving operations. The driver must always maintain attention and take active control of the car.
- Never drive when you feel fatigued. The driver must always maintain healthy and awake while driving.
- Alarms from driver monitoring system shall not be ignored. After the system issues a fatigue driving alarm, the driver should adjust driving behaviour or stop for a rest in time.

## Note!

- According to the driver's actual status, the driver performance support system activates the fatigue alarm when the driver's eyes are closed for a period of time.
- When the driver does not look ahead for a long period of time, the autonomous emergency braking (AEB) and lane departure warning (LDW) functions will be activated automatically until the driver looks ahead.

## Setting driver monitoring system



Driver performance support setting interface

Click the  icon on CSD, and select **Safety** to switch to the setting interface, where you can click to turn **Driver Performance Support** on or off.

## Note!

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- The driver performance support opened by default.
  - When the driver monitoring system camera is blocked or malfunctioning,  will be illuminated and the driver status cannot be monitored.
  - Driver performance support does not work properly when the system does not properly monitor the driver's face. The driver needs to adjust the steering wheel or seat position correctly to ensure that the driver monitoring system camera is within your direct vision and the driver monitoring system works properly.
- 

### Limitations of driver monitoring system

Driver performance support may not work properly in the following situations:

- Wearing infrared impenetrable sunglasses, masks or other accessories that will cover the face.
- There is intense lighting that reduces the camera's monitoring ability.
- System misjudgement due to driver's operation.
- System failure (such as camera, radar, braking, steering, etc.)

### Alcohollock

Alcohollock prevents drivers from driving when the alcohol concentrations in their bodies above safe limits. The alcohollock asks the driver to receive breath-test by giving indications on the instrument cluster after the vehicle is started, and if the alcohol concentration of the driver is found to be over the limit, the vehicle won't start.

## Note!

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- Only the vehicle cannot be driven, and other functions can be performed normally when the tested alcohol concentration is over the limit.
  - If the tested alcohol level is inaccurate, please wait for a while and take breath-test again. After this, if the restriction still cannot be released, contact the authorised Lotus repairer in a timely manner.
- 

The alcohollock will remind the driver to receive retest from time to time during driving.

## Warning!

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- Please obey traffic laws and regulations and never let other person take the breath-test instead of you.

- Stay awake during driving and do not drive after drinking alcohol or taking medicines, otherwise, it will impair your control ability over the vehicle and thereby cause an accident.
-



LOTUS

EVITR3

LOTUS HYPER OS I

## Notes to users

The car is equipped with a high-tech IHU, which is applied with intelligent technology configurations to meet your needs in different driving scenarios.

### **⚠ Warning!**

When operating the CSD, be sure to stop the vehicle in a safe place, and engage into P gear, otherwise a safety accident may occur.

### **⚠ Caution!**

- Do not modify or replace the IHU by yourself without permission to avoid damage to the system.
- If you notice any faults with the CSD itself, be sure to contact Lotus Customer Care Centre in a timely manner.

### **ℹ Note!**

Do not operate the display using sharp objects, as this will cause irreparable damage to the CSD.

### Introduction to CSD gestures



Click



Slide up



Slide down



Slide left



Slide right



Slide up and down



Zoom out with two fingers



Zoom in with two fingers



Press and hold

### Restart the CSD

If you need to restart the CSD, perform the following operations:

- To restart the CSD, move the multi-function buttons on both sides of the steering wheel with both hands and hold them for a period of time.



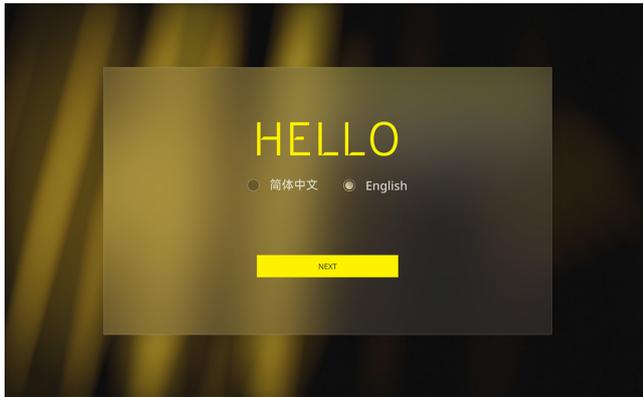
- After locking the vehicle for a period of time, you can unlock it again to restart the CSD.

### ⓘ Note!

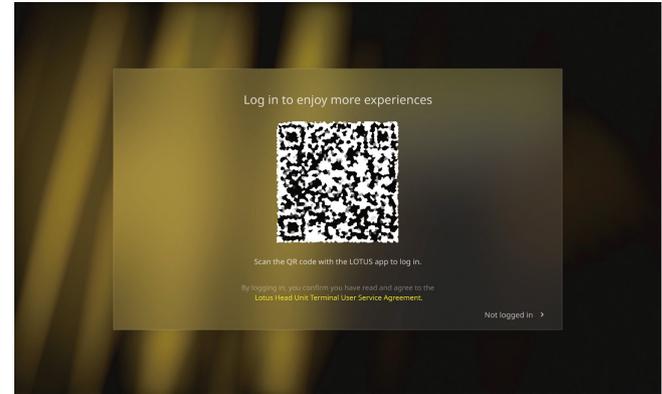
If the CSD stalls, does not respond, the network connection fails, or other exceptions occur, restart the central display using the preceding methods.

# Central screen display

## Boot guide



When you activate the CSD at the first time or factory reset, you need to select the language, tick the appropriate boxes and then you can click **NEXT STEP** to set it up.



### Phone connection

Use the mobile APP to scan the two-dimensional code in the central display screen to complete the login and agree to the user agreement. After successful login, complete the boot.

## Desktop



1. User Centre
2. A key mute

3. Time
4. Network
5. Temperature and air quality
6. Bluetooth
7. Notification center
8. Multifunctional panel
9. Information cards
10. Mini player
11. Air conditioning
12. App Center
13. Set up
14. Garage
15. Map home page
16. Quick application

## Garage



1. Central lock
2. Panoramic canopy adjustment switch
3. Integrated charging port cover switch
4. Active rear wing switch
5. Tailgate switch

## Vehicle use preference function



Preference setting interface

You can adjust the height and brightness of the seat, steering wheel, outside mirror, head up display (HUD) according to your daily usage habits and actual usage requirements. Click **SAVE** to save the current adjusted configuration information to your current preference. To save or create preferences, you can click your profile picture in the upper left corner of the CSD to view and manage them.

## ! Caution!

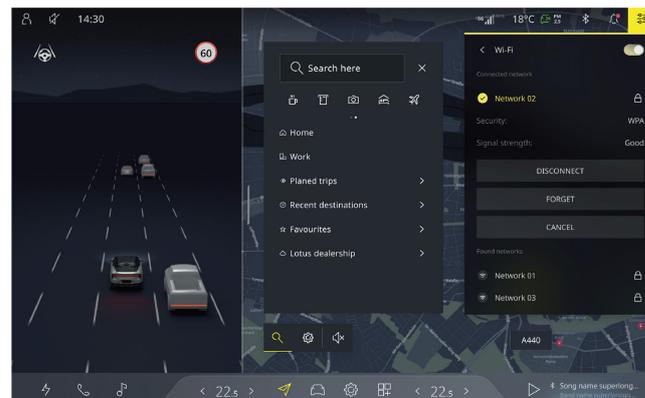
Do not obstruct the automatic adjustment of the seat, otherwise the seat may be damaged.

## i Note!

During the automatic adjustment of the seat, if the seat position is manually adjusted, the automatic adjustment of seat will be stopped.

## Network settings

### Wi-Fi network settings



Click the  icon in the upper right corner of the CSD to open the Wi-Fi setting interface. Enable the Wi-Fi network and activate the hotspot function in your phone, then you can find your phone's hotspot name in the **Networks Found** . Click connect, and the Wi-Fi network setting is completed.

### Vehicle hotspot settings

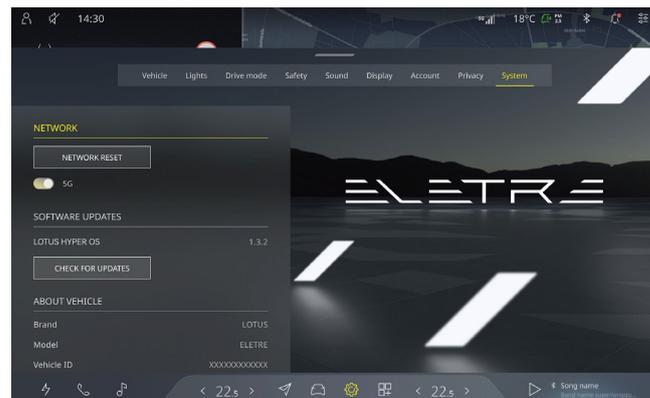


Click the  icon in the upper right corner of the CSD to open the vehicle hotspot setting interface. Enable the vehicle hotspot and enable the Wi-Fi connection of the mobile phone or other devices, then you can find the vehicle hotspot name in the **Connected**

**Devices** on the mobile phone or other devices. Click Connect, and the vehicle hotspot setting is successful.

### Network reset

When the network status is poor, you can click the  on the CSD, click **NETWORK RESET** on the **System** setting interface, and restart the vehicle system to reconnect to the network after a period of time.



## Bluetooth settings



Click the bluetooth settings icon  in the upper right corner of the CSD to turn this function on or off. You can modify the name of the car at the bottom of the bluetooth setting interface. When you first use your mobile phone to connect with the car, you can find the name of the car in the bluetooth search bar of the mobile phone to connect and pair. You can also search for nearby bluetooth devices by clicking **Device Search** in the bluetooth setting interface. After the search is completed, you can find the name of your phone in the device bar, and click to select the bluetooth playback options you need to connect to (Phone, Music, Videos). Once connected, your phone name will appear in the connected devices bar.

## Warning!

Do not operate your phone in hazardous areas such as fuel storage areas and chemical stations.

## Apple CarPlay

Apple CarPlay can be connected by means of wireless or wired connection to enjoy smartphone features such as music, navigation, Siri and phone calls on the vehicle

### Wireless connection

1. Apple CarPlay can be connected wirelessly by Bluetooth pairing the smartphone through ( p.262 ).
2. After Bluetooth pairing is successful, a prompt for connecting Apple CarPlay will pop up on the CSD. Click Connect Apple CarPlay, and click Agree on the smartphone to complete the connection.



3. After Apple CarPlay is connected, there will be an  icon in the upper left corner of the CSD, and the  icon in the device list will light up.



### Note!

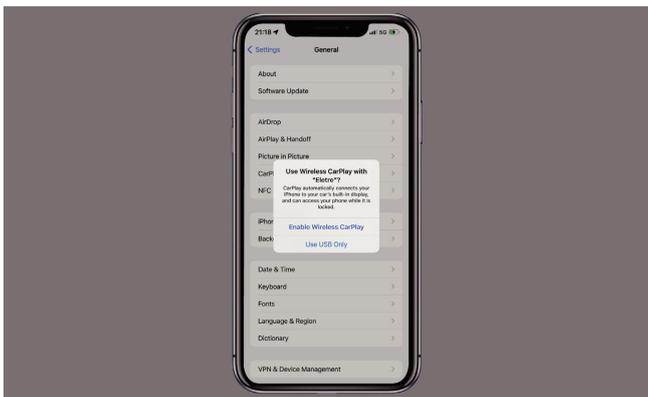
You can click the  icon in the device list for quick connection after the first successful connection.

If the Apple CarPlay connection fails, you can try the following steps to connect again:

1. Delete the phone information from the Bluetooth device list on the CSD.
2. Delete the vehicle information through **Setting - General - CarPlay** on your iPhone.
3. Refresh the Bluetooth device list and pair your device via Bluetooth again.

## Wired connection

Connect the iPhone to the TYPE-C data transmission interface in the front armrest box via a data cable, and click Confirm on the phone to complete the connection.



## Description of Apple CarPlay function

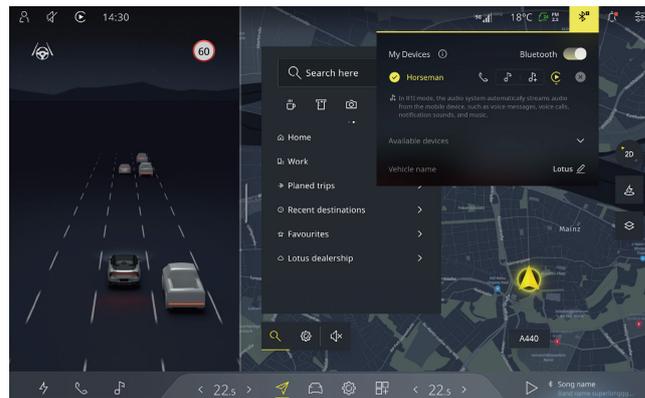
After Apple CarPlay is connected, you can activate Siri by saying "Hey Siri" or by holding the menu/voice button on the right side of the steering wheel.

### **Note!**

Siri can only be used by the driver.

## Disconnection

Click the  icon in the device list on the CSD to disconnect Apple CarPlay.



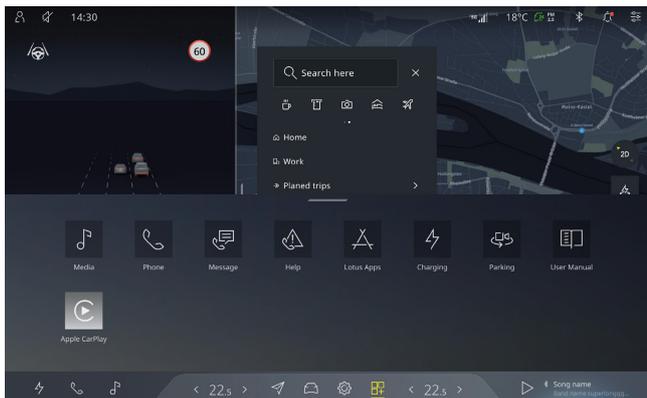
### **Note!**

Do not delete it on your iPhone via CarPlay, otherwise Apple CarPlay cannot be connected again.

## Expanding/collapsing Apple CarPlay

After Apple CarPlay is connected, you can expand/collapse Apple CarPlay in the following ways:

- Click the  icon in the upper left corner of the CSD to expand/collapse Apple CarPlay.
- Click the  icon on the CSD, and select **Apple CarPlay** to turn it on.



**Note!**

You cannot collapse the Apple CarPlay sliding down.

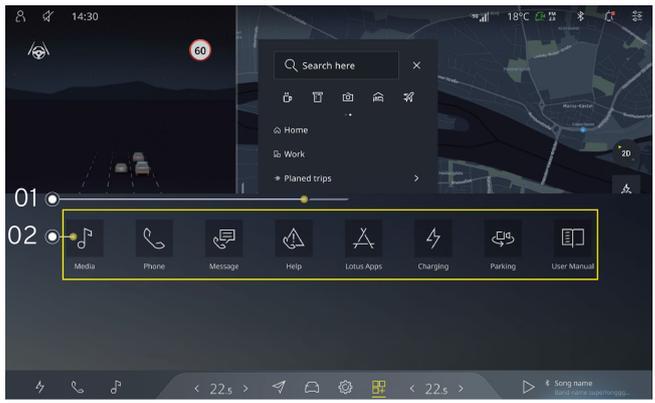
**Limitations of Apple CarPlay**

- Apple CarPlay, HUAWEI HiCar and Bluetooth are mutually exclusive.
- Only one screen projection application is supported at one time, and Apple CarPlay and HUAWEI HiCar cannot be connected at the same time.

- After Apple CarPlay is connected, you can only connect another device's Bluetooth media.

**System application**

**Application center**



1. Deactivation area: Click or swipe down on the area to deactivate the system application.
2. Application program

Click the  in the central display to activate the system application. Click the App icon to open the App.

On the application center page, you can perform the following operations to manage applications:

- Sort: Press the App icon long enough to drag and sort;
- Update: If the App has a new version, click the update button on the icon to update the App.

## **Note!**

If no action is taken on the CSD for a period of time, the system application interface will be deactivated automatically.

## **Multimedia**

You can open the multimedia interface from the application center.



1. Radio
2. USB playback

3. Bluetooth playback
4. Online multimedia
5. Sound setting

### **Radio**

You can click the  icon corresponding to the radio channel to record the channel, and the recorded channel will be saved in the favourites list.

### **Bluetooth playback**

After your mobile phone is connected to the vehicle via bluetooth, you can open the bluetooth playback interface to play the songs in your mobile phone.

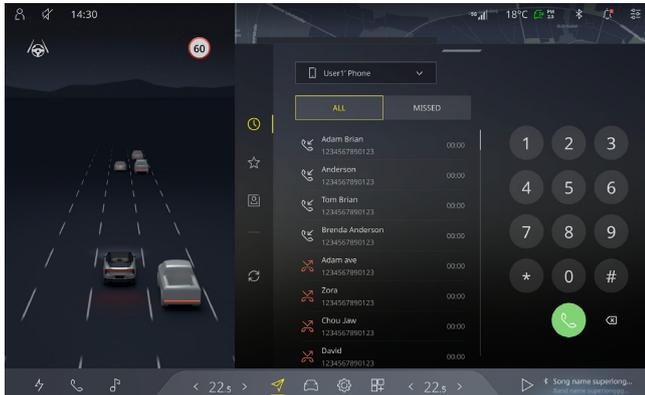
### **USB playback**

When an U disk is connected to the vehicle USB interface, the songs in the U disk can be played by opening the USB playback interface.

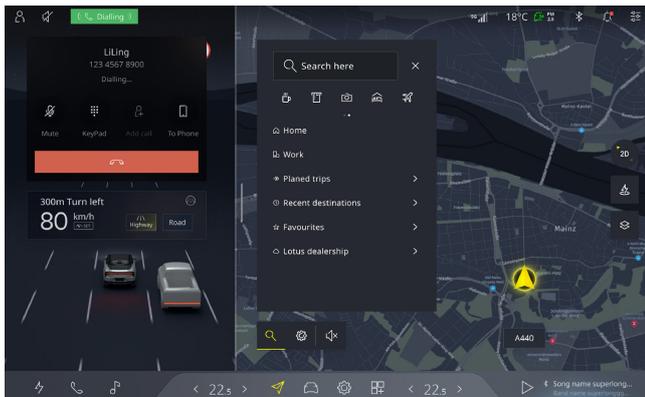
You can select different song playback modes on the USB playback interface or directly select the songs you want to play according to your preferences.

## **Phone**

Click  icon in **Application program** interface to enable phone bluetooth interface.



Once the phone is connected to the vehicle via bluetooth, communication can be carried out via the phone bluetooth.



When you make a call, the information and operation of the call are displayed on the left side of the central display.

### **Warning!**

- Do not use mobile phones in areas of high explosion risk. Otherwise, sparks may generate, which could cause a fire or explosion.
- Be sure to operate this function when road conditions permit or when the vehicle is stationary.

### **Answer/end/reject bluetooth calls using steering wheel buttons**

When you receive a call reminder on the central display screen, you can use the multifunction buttons on the right side of the steering wheel to answer/end/reject bluetooth calls.

- When you need to answer a bluetooth phone call, you can press the middle button of the multifunction button on the right side of the steering wheel to answer the bluetooth phone call.
- When you need to hang up a bluetooth phone, you can press the middle button of the multifunction button on the right side of the steering wheel twice continuously to hang up the bluetooth phone.
- When you want to reject a bluetooth phone call, first press the right button of the multifunction button on the right side of the steering wheel, and then press the middle button to reject the bluetooth phone call.



1. Right multifunction button left button
2. Right multifunction button middle key
3. Right multifunction button right button

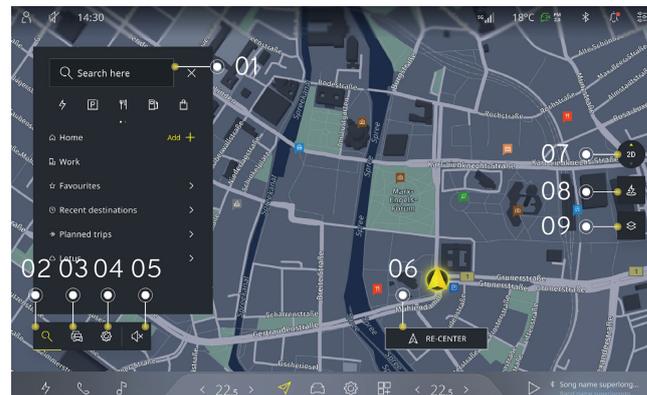
## Navigation

This vehicle is equipped with HERE map, which can provide navigation service for your travel.

### **Note!**

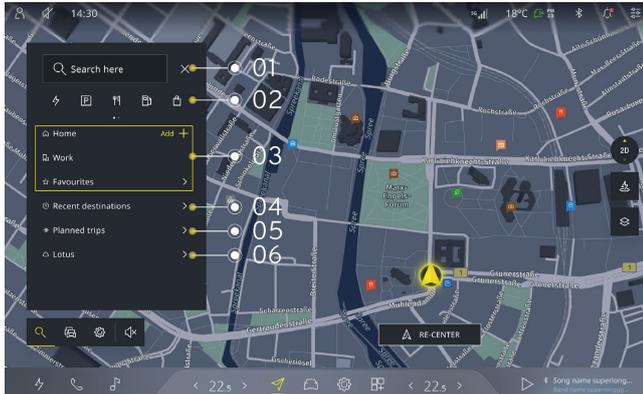
This function is only available with network connection.

## Overview of navigation interface



1. Springboard: Gives different possibilities to set or search for a destination.
2. Search icon: opens the springboard.
3. Traffic Information
4. Navigation Settings
5. Mute/Unmute Voice Prompts
6. Re-Center: Tap to return to current position.
7. View switch: Toggles between 3D view, 2D view, and 2D north up.
8. Range Map
9. Switch between standard map and satellite map

## Route planning



### Springboard

The springboard gives different possibilities to set or search for a destination.

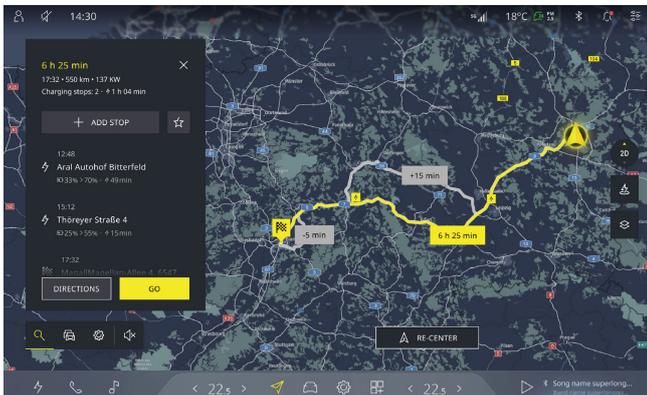
1. The search bar allows you to enter keywords.
2. Point of Interests: A quick search for different categories nearby.
3. It is possible to set your home, work or favourite destination to quickly navigate to these destinations.
4. Recent destinations: Shows the last destinations you have navigated to.
5. Planned trips: Allows you to plan a route and save it.

6. Lotus: Shows you nearby Lotus Dealerships or Service Station.

While planning a route, the navigation system will provide information about the estimated time of arrival, total distance and the remaining battery level after reaching the destination. You will also get the possibility to choose alternative routes.

EV routing calculates consumption of the vehicle on the route using the Lotus Eletre-specific consumption model. Charging stops required to reach the destination are automatically defined respective to the user's defined minimum SOC expectation at charge stops and at the destination. If the consumption pattern changes or a waypoint or the destination cannot be reached with the remaining charge, additional charge stops are automatically added by the application.

This feature can be turned on/off in **Settings/Routing/Auto-Add Charging**.



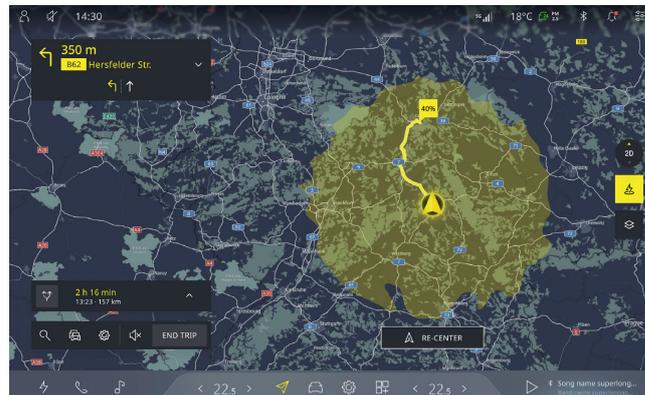
### Route planning

Range on route visualizes the remaining vehicle range on its active route.

Range on map visualizes the remaining range on the map, implemented as a map view mode.

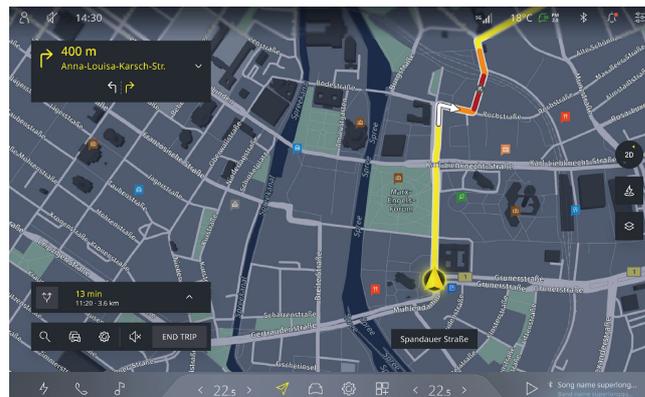
The EV routing algorithm takes the in-app preferences set by the user and central parameters set by Lotus into consideration. EV routing updates the range on map every time the user opens the view. Range on route is updated automatically when conditions change and on regular intervals.

This feature can be found by clicking on the range map icon .

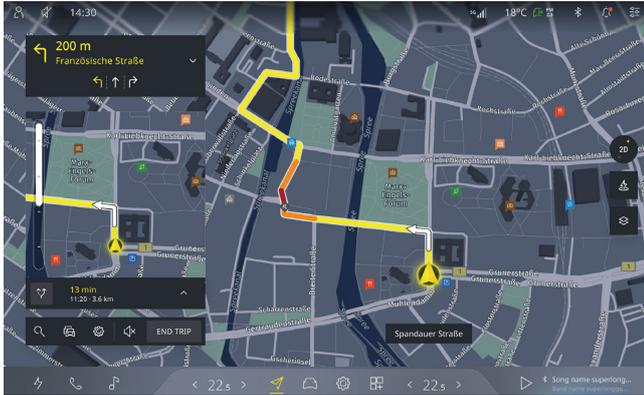


### Range on Map/Range on Route

### Navigation mode

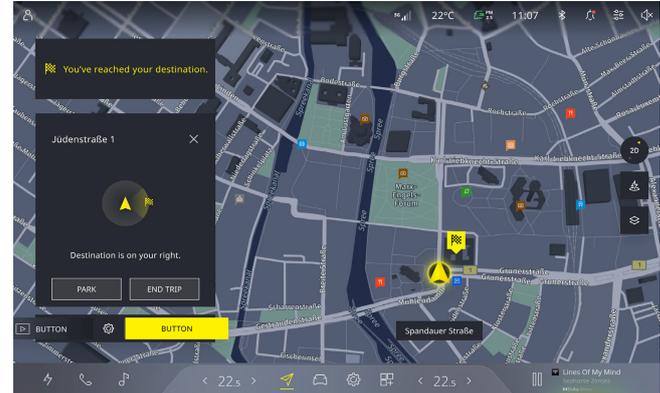


During navigation, information such as turning information, estimated time of arrival, remaining time, remaining distance and traffic condition information will be displayed.



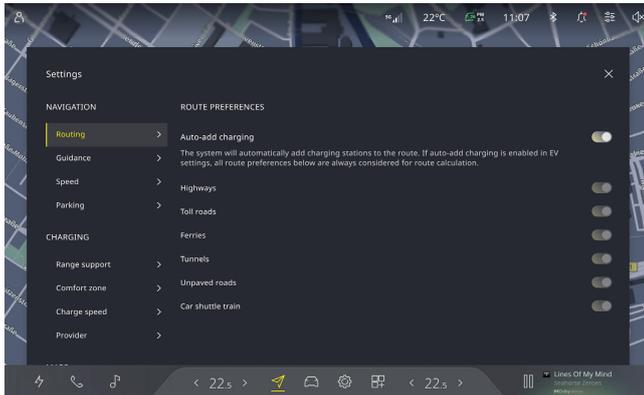
If desired, the Intersection View can also be displayed.

This can be switched on in **Settings/Guidance/Intersection View** .



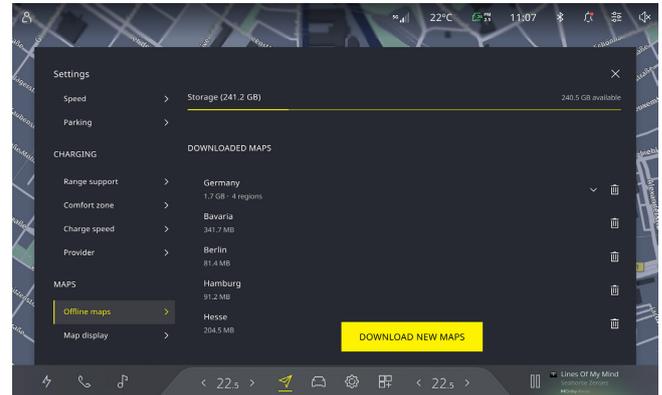
When you arrive at your destination, the navigation system will give you the option to search for parking places nearby.

## Navigation setting



Click the Settings icon to enter the map setting interface.

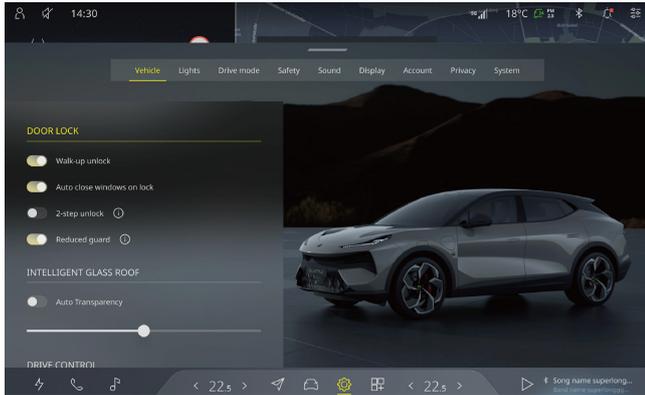
- Modify Routing preferences, e.g. Auto-Add charging stations or real-time-traffic information.
- Adjust Charging preferences, e.g. define preferred charge speed or providers for charging station search.
- Turn on Intersection View.
- Download Maps for offline use.



Automatic offline map update: Offline map data is automatically updated when the Internet is connected, keeping offline data up-to-date.

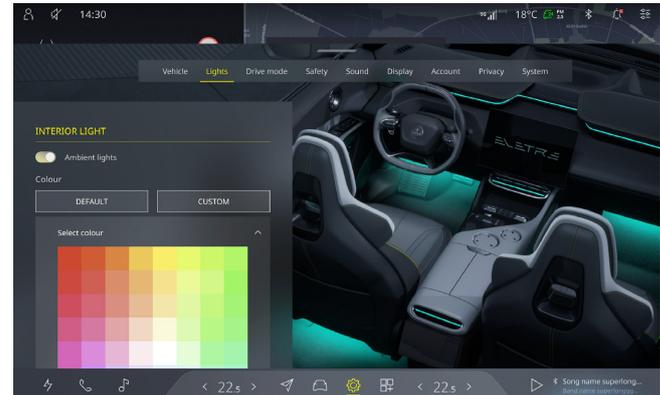
# Set up

## Vehicle



This screen allows you to set door lock, sunroof transparency, drive control, and others functions.

## Lights

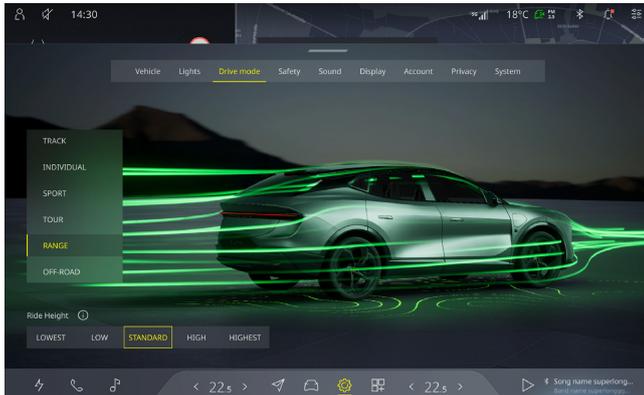


This interface allows you to set up external ,internal lighting.

Internal light: on this surface, the on/off, colour and brightness of the ambinet lamps can be adjusted.

External light: adaptive light switch, tourist mode.

## Drive mode



In this interface, the ride height and driving mode of the vehicle can be set, track mode (only R+ models have this mode), individual mode, sport mode, tour mode, range mode, and off-road mode.

## Safety



This interface allows you to set drive assist, active safety, and occupant safety.

## Sound



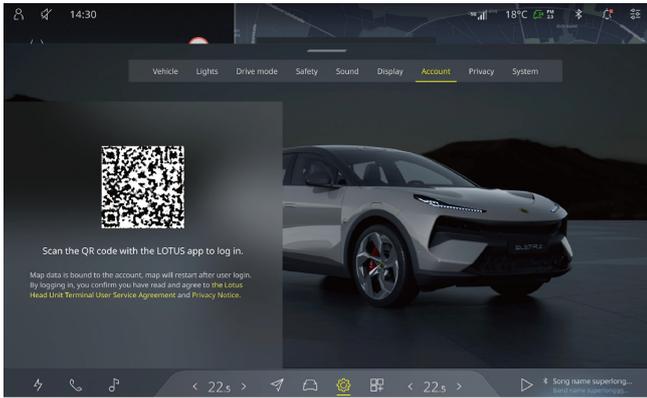
On this interface, you can set the sound focus, sound mode, sound optimization and other functions.

## Display



On this interface, you can turn off the CSD, cleaning mode, auto flip, brightness and HUD.

## Account



Scan the QR code to log in to your account. After entering the user interface, you can switch or log out the account, and manage and set the third-party application party account.

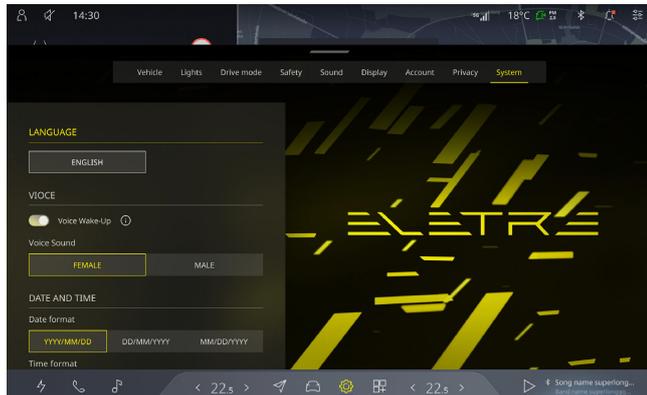
At the same time, you can click your profile picture in the upper left corner of the CSD to enter quickly and set and modify the service you need.

## Privacy



This interface allows you to view the Lotus privacy policy, Data sharing, vehicle locator, voice data and face data.

## System



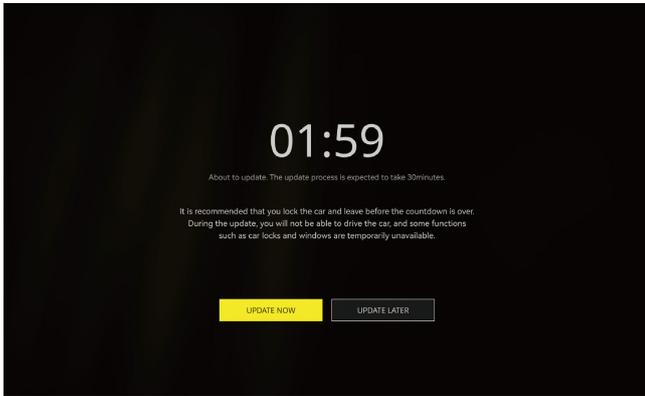
This interface allows you to set language, notifications and services, date and time, network, software updates (OTA), about vehicle, and factory reset.

## OTA system upgrade operation

You can open the OTA system upgrade interface by clicking  at the top of the central display or clicking  icon and selecting **System - Check for update** from the setting interface. The update information field will show the purpose, items, the estimated time required for the upgrade, the impact of the upgrade on the vehicle functions and any notes related to the upgrade.



After entering the OTA upgrade interface, you need to read and agree to the **Software Remote Update Service Terms**. After you agree, you can select **SCHEDULE** or **UPDATE NOW**.



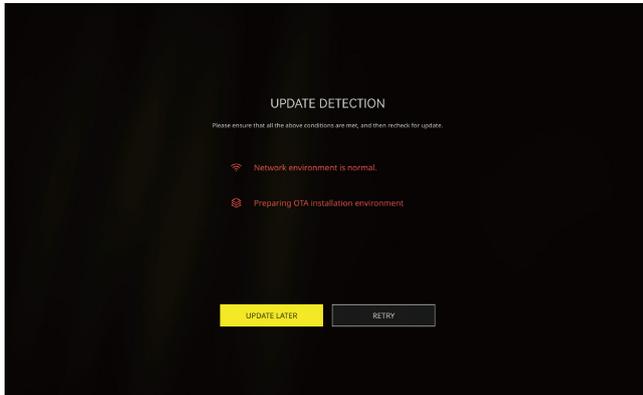
### Interface now

After selecting Upgrade Now, the countdown prompt box will be displayed on the CSD. You can wait for the countdown to end and start the automatic upgrade; You can also choose to upgrade immediately to skip the countdown, or choose not to upgrade temporarily.

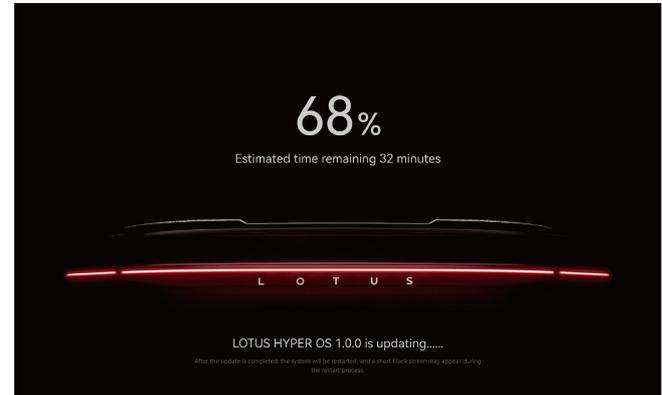


### Appointment upgrade

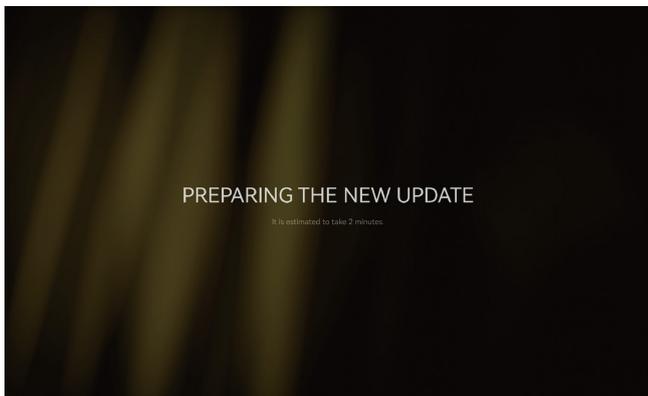
OTA system upgrade can be scheduled at any time within 24 hours. After setting, the reservation upgrade icon will be displayed at the top right of the interface. In the state of network connection, the system will automatically start the OTA system upgrade at the time of reservation.



After starting the upgrade, the system will detect the upgrade preconditions. If the verification fails, you need to confirm the failed items by yourself. After confirming that the conditions are met, you can click **Retest** .



The system upgrade is officially started. According to the version size, the system upgrade process is expected to last about 10-30 minutes. After the upgrade is completed, the system will restart with a brief black screen.



After the upgrade is completed, the system will enter the preparation process, which is expected to take 1-2 minutes.

### **Warning!**

Be sure to operate this function after your vehicle has been parked in a safe area and in P gear, otherwise it may cause upgrade failure, or even personal injury or death.

### **Note!**

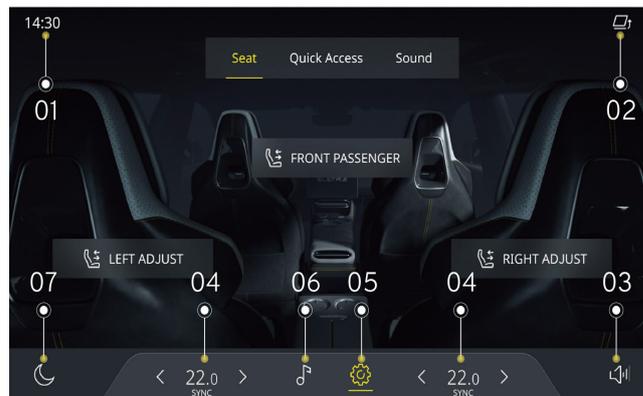
If the OTA system upgrade fails, the Lotus Customer Care Centre should be contacted immediately.

### Upgrade notes

Please ensure that the vehicle meets all the following conditions before OTA upgrade:

- The vehicle is parked in a safe area and in P gear.
- The network connection to vehicle is normal.
- The high voltage battery of the vehicle is greater than 20% SOC.
- The vehicle is not in state of charge.

## Rear display



1. Time
2. The rear display is up and down

3. Volume settings
4. Air conditioning
5. Set up
6. Multimedia
7. Close the screen

### **Warning!**

- The rear display has an anti-clip function when it is put away. However, to ensure safety, do not put your hands or other objects under the rear display to avoid clamping your hands or damaging the rear display.
- Some models do not support the raise or fold function of the rear display screen.

### **Rear display lock**

When you want to prevent the rear passenger from manipulating the rear screen content, click the  icon in the **Display** and select **Rear display lock** to enable or disable the rear display lock function.



When you turn on the **Rear display lock** switch, clicking the rear display will briefly light up the screen and prompt you to restart the rear display. If you do not perform any operation, after a period of time, the rear display will automatically screen.

| MAINTENANCE

07





## Necessity of maintenance

To ensure optimum performance, reliability and warranty of your new vehicle. It will be necessary to adhere to the routine maintenance schedule as outlined by Lotus Cars in this document.

The routine maintenance outlined in this document will require participation both from yourself(User) and your Lotus authorized repairer in accordance with the relevant instructions stipulated within this user guide.

In the interest of safety and considering of this vehicle's system complexity Lotus Cars strongly recommends that maintenance and repairs are carried out by your Lotus authorized repairer.

If you have any questions about how to maintain your vehicle, Lotus Cars strongly recommend you contact your Lotus authorized repairer.

## Daily maintenance

Daily maintenance is an important measure to keep the car in good condition, ensure its normal use, driving safety and reduce vehicle failures. You should refer to the relevant instructions in this manual to complete the daily maintenance items before driving. If any abnormality is found, please contact Lotus authorized repairer

in time. The daily maintenance items are mainly including the following:

- Check the power of the high voltage battery.
- Check all exterior lights, horns, direction indicator lamps, hazard warning lamps for proper operation. Check if any indicator lamps on the instrument cluster come on abnormally.
- Check seat belts and parking brake for proper operation.
- Check the door window switch for proper operation.
- Check the wipers and windscreen washer for normal operation, check the wiper washer fluid level, and add if necessary.
- Check if the pressure of each tyre is normal. Check if there is any damage to the tyres (such as punctures, cuts, cracks, and bulges). Check if there is abnormal wear on the tread and remove foreign objects from the tread. Check the tyre for wear (whether it has reached the wear mark position).
- Check if the wheels are functioning properly and if there is any corrosion, deformation, or cracking caused by impact, collision, or contamination with corrosive liquids. If you are unable to determine whether there is an abnormality on your own, please contact the Lotus authorized repairer in a timely manner.
- When driving in low temperature or icy/snowy environments, in order to avoid corrosion or damage to the wheels and brake calipers by deicing agents, it is recommended to check the surface of the wheels and brake calipers for ice and snow

accumulation in a timely manner and remove them in a timely manner.

## Scheduled maintenance

To maintain warranty validation and help ensure proper safety, performance and dependability of the vehicle, Lotus Cars requires that the vehicle be serviced in accordance with latest version of the maintenance schedule.

Each service should be performed within 30,000 km or 24 months of the previous service, whichever occurs first.

See the table below for specific information relating to items replaced, fluids changed, and other operations carried out during servicing; for further information please contact any authorised Lotus Customer Care Centre.

Inspection items	Every 2 years or 30,000 km
Cabin air filter	R
Brake fluid	R
Battery coolant	I
Wiper blades	I
Brake system	I

Inspection items	Every 2 years or 30,000 km
Air conditioning system	I
Windshield washer fluid	I
I: check; correct, clean, add, adjust, transpose, lubricate or replace as necessary R: replace	

In addition to the items in the table above, coolants must be changed every 5 years or 100,000km; the drive motor transmission lubricant (TZ264XY000)\* must be changed every 4 years or 80,000km, whichever comes first.

Additional maintenance items or shorter service intervals may be required if the car is regularly driven in the following harsh conditions.

- Often in a highly dusty conditions.
- Often in severe cold (below 0°C) or high (above 40°C) temperatures.
- Often in wet conditions or frequently wading in water.
- Often on roads with salty or corrosive materials.
- Frequent braking or driving in hilly areas.
- Used for operational activities or for special purposes such as frequent use under high loads.

- Used for racing or competitive activities.

### Precautions for maintenance

If the vehicle is stored for a long time, it is recommended that you go to the Lotus authorized repairer for a comprehensive inspection and maintenance before use.

## Warranty coverage

This manual applies to the model purchased and used by users in any country in Europe where an official Lotus authorized repairer is present. If the vehicles specified in this manual are subject to failures or defects that occur within the warranty period for any reasons other than the user factor, natural phenomenon and other external influences, Lotus will use original parts (including Lotus approved parts) and provide repair services in a reasonable and effective manner that complies with Lotus maintenance standards, and bear related costs.

## Warranty period

The vehicle warranty period specified in this manual and the warranty period for replacement parts at the user's own expense are detailed in the following table:

Vehicle warranty		
Classify	Content	Limited warranty period
High Voltage Components	HV battery, electric drive systems (drive motors, drive motor controller assemblies, reducers)	96 months or 200,000 km (which ever comes first) (at least 70% of the battery capacity is retained by the HV battery during the warranty period)
Basic warranty	The whole vehicle and except the parts below	60 months or 150,000 km (which ever comes first)
Consumable parts	Air conditioning filter element	12 months or 30,000 km (which ever comes first)
	Brake pads	12 months or 16,000 km (which ever comes first)
	12V battery	Unlimited mileage for 24 months
	Wiper blades	12 months or 16,000 km (which ever comes first)
	Fuses and general purpose relays (excluding ECU)	12 months or 16,000 km (which ever comes first)

Vehicle warranty		
Classify	Content	Limited warranty period
	Tyre (Tyre warranty is covered by the tyre manufacturer)	6 months or 10,000 km (which ever comes first)
	Vehicle body corrosion (through holes in the vehicle body panel from the inside out)	Unlimited mileage for 12 years
	Paint warranty	Unlimited mileage for 5 years

Customer's own expense replacement parts warranty		
Classify	Content	Limited warranty period
Key parts	HV battery, electric drive systems (drive motors, drive motor controller assemblies, reducers)	Unlimited mileage for 24 months
Wear and tear parts	Air conditioning filter element	12 months or 30,000 km (which ever comes first)

Customer's own expense replacement parts warranty		
Classify	Content	Limited warranty period
	Brake pads	12 months or 16,000 km (which ever comes first)
	12V battery	Unlimited mileage for 24 months
	Tyre (Tyre warranty is covered by the tyre manufacturer)	6 months or 10,000 km (which ever comes first)
	Wiper blades	12 months or 16,000 km (which ever comes first)
	Fuses and general purpose relays (excluding ECU)	12 months or 16,000 km (which ever comes first)
	Accessories not mentioned above	Unlimited mileage for 24 months

The warranty does not cover the following:

- The situation that the actual mileage of the vehicle cannot be determined because the odometer in the vehicle has been modified without authorization.

- Battery damage as a result of storage, improper use of the vehicle, or the installation of electrical accessories not authorized by Lotus.
- Any damage to the hardware or software of the vehicle due to unauthorized access to vehicle data or software from any source; any loss or damage to personal information/data uploaded to the vehicle; viruses, bugs, malware or any other form of interference or cyber-attack.
- Vehicle damage due to fatigue driving or overload.
- Vehicle damage caused by the use of the vehicle as a power source.
- Normal wear, tear and deterioration (e.g., discolouration, fading, deformation, blurring, etc.) of components which are not deemed as defects of manufacturing or materials.
- Tyre damage due to driving on dangerous roads.

### Note!

- 
- For accessories or high-quality parts with a separately agreed warranty, the agreed warranty period shall prevail.
  - If the high voltage battery needs to be maintained due to a problem, Lotus authorized repairer will evaluate and determine the maintenance method (repair, replace or provide refurbished parts).
  - The power consumption of the key fob battery varies according to the usage scenario. If the key is kept near the vehicle, it will

be in the high power consumption state for a long time. Try to avoid placing the key near the vehicle for a long time. If the power level of the key fob is low, there will be a prompt in the combined instrument to remind you to replace the battery in time.

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### Description of warranty period

Within the warranty period, if the parts are subject to quality problems under the normal use of the vehicle due to defects in the design, manufacture or raw materials, Lotus will provide warranty service for the aforementioned parts. These repairs will be free of charge for the customer if they are carried out by Lotus authorized repairers.

## Change of ownership

The limited vehicle warranty provided in this manual is not affected by the transfer of vehicle ownership, but the remaining limited warranty period of the vehicle shall still be calculated from the date of the purchase invoice (the date of first invoicing) held by the first owner of the vehicle.

## Record of ownership change

Change log 1			
Address of current user		Address of original user	
ID number		ID number	
Postal code		Postal code	
Phone of current user		Phone of original user	
Email address		Email address	
Mobile phone number		Mobile phone number	
VIN		Drive motor number	
Model		Date of registration	
Mileage at the time of ownership change		Date of change	
License plate number			

Change log 1	
Stamp	

Change log 2			
Address of current user		Address of original user	
ID number		ID number	
Postal code		Postal code	
Phone of current user		Phone of original user	
Email address		Email address	
Mobile phone number		Mobile phone number	
VIN		Drive motor number	
Model		Date of registration	
Mileage at the time of ownership change		Date of change	

Change log 2	
License plate number	
Stamp	

Change log 3			
ownership change			
License plate number			
Stamp			

Change log 3			
Address of current user		Address of original user	
ID number		ID number	
Postal code		Postal code	
Phone of current user		Phone of original user	
Email address		Email address	
Mobile phone number		Mobile phone number	
VIN		Drive motor number	
Model		Date of registration	
Mileage at the time of		Date of change	

Change log 4			
Address of current user		Address of original user	
ID number		ID number	
Postal code		Postal code	
Phone of current user		Phone of original user	
Email address		Email address	
Mobile phone number		Mobile phone number	
VIN		Drive motor number	
Model		Date of registration	

Change log 4			
Mileage at the time of ownership change		Date of change	
License plate number			
Stamp			

## Service record

1st maintenance (2 years or 30,000 km) (which ever comes first)	
VIN	
Job card number	
Mileage	
Date	
Description	
Next maintenance date	
Next maintenance mileage	

1st maintenance (2 years or 30,000 km) (which ever comes first)	
Signature (seal)	

2nd maintenance (4 years or 60,000 km) (which ever comes first)	
VIN	
Job card number	
Mileage	
Date	
Description	
Next maintenance date	
Next maintenance mileage	
Signature (seal)	

3rd maintenance (6 years or 90,000 km) (which ever comes first)	
VIN	

<b>3rd maintenance (6 years or 90,000 km) (which ever comes first)</b>	
Job card number	
Mileage	
Date	
Description	
Next maintenance date	
Next maintenance mileage	
Signature (seal)	

<b>4th maintenance (8 years or 120,000 km) (which ever comes first)</b>	
VIN	
Job card number	
Mileage	
Date	
Description	
Next maintenance date	

<b>4th maintenance (8 years or 120,000 km) (which ever comes first)</b>	
Next maintenance mileage	
Signature (seal)	

<b>5th maintenance (10 years or 150,000 km) (which ever comes first)</b>	
VIN	
Job card number	
Mileage	
Date	
Description	
Next maintenance date	
Next maintenance mileage	
Signature (seal)	

**6th maintenance (12 years or 180,000 km) (which ever comes first)**

VIN	
Job card number	
Mileage	
Date	
Description	
Next maintenance date	
Next maintenance mileage	
Signature (seal)	

**7th maintenance (14 years or 210,000 km) (which ever comes first)**

VIN	
Job card number	
Mileage	
Date	
Description	

**7th maintenance (14 years or 210,000 km) (which ever comes first)**

Next maintenance date	
Next maintenance mileage	
Signature (seal)	

**8th maintenance (16 years or 240,000 km) (which ever comes first)**

VIN	
Job card number	
Mileage	
Date	
Description	
Next maintenance date	
Next maintenance mileage	
Signature (seal)	

<b>9th maintenance (18 years or 270,000 km) (which ever comes first)</b>	
VIN	
Job card number	
Mileage	
Date	
Description	
Next maintenance date	
Next maintenance mileage	
Signature (seal)	

<b>10th maintenance (20 years or 300,000 km) (which ever comes first)</b>	
VIN	
Job card number	
Mileage	
Date	
Description	

<b>10th maintenance (20 years or 300,000 km) (which ever comes first)</b>	
Next maintenance date	
Next maintenance mileage	
Signature (seal)	

## Storage and maintenance

In order to maintain the good performance of the vehicle, please avoid exposing the vehicle to too high or too low temperature environment for a long time. When the ambient temperature of the vehicle storage is too low, the distance to empty will be reduced and the charging time will increase.

It is better to avoid the SOC of high voltage battery to drop below 20%. If a low battery reminder appears, please charge the battery in time. Depletion of high voltage battery will lead to a decrease in its performance.

When the vehicle needs to be parked for a long time, do not let the high voltage battery run out. Even if the vehicle is not running, the high voltage battery will continue to slowly discharge to supply power to the on-board electronic equipment. In this case, please ensure that the power of the high voltage battery is sufficient.

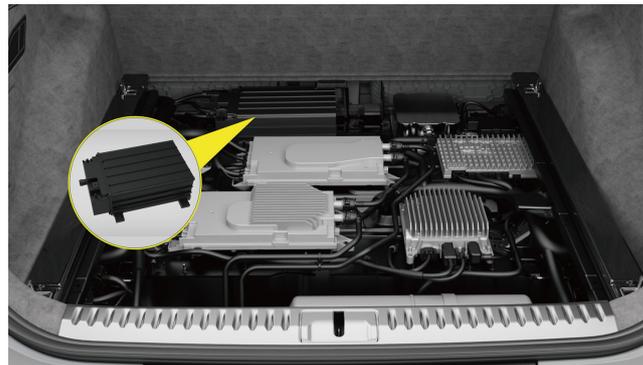
Please maintain the high voltage battery at least once every 3 months as follows: charge the battery fully by slow charging, and then discharge to 50% or to 70% SOC before parking the vehicle.

If you are intended to start a vehicle that has been parked for more than 3 months, ensure to check whether any warning light or warning message related to the high voltage battery appears on the instrument cluster before doing so. In case of any questions, please contact Lotus Customer Care Centre.

### **i Note!**

- When the vehicle is parked for a long time, be sure to check and maintain it regularly.
- For safety reasons, the available power of high voltage batteries that are beyond their designed service life will be gradually limited.

## Battery



Battery

The battery is located under the boot of the vehicle.

The service life and function of the battery are affected by many factors, such as the times of starts, driving style, driving conditions, climatic conditions, etc:

- If the battery is completely discharged multiple times, its service life may be shortened. Keeping the battery charged enough helps extend its lifespan.
- The starting capacity of the battery will be weakened over time. If the vehicle is parked for a long time, the battery may need to be recharged.

## Warning!

- Battery electrolyte is corrosive, and if it gets into the eyes or skin, rinse immediately with plenty of water and seek medical care.
- The maintenance and care of the battery should be handled by professionally trained personnel.
- It is prohibited to touch the positive and negative poles of the battery with both hands simultaneously and to touch the positive and negative poles with a conductor at any time.
- In case of battery fire, the personnel must leave the vehicle quickly. If you accidentally inhale smoke, please transfer and get medical attention as soon as possible.

## Caution!

If you notice the following, be sure to stop using the vehicle and cut off the power immediately. You can also contact the Lotus authorized repairer for further guidance:

- Power cords, plugs, or communication lines are cracked or damaged;
- Signs of overheating, fumes, and sparks;
- Battery pack damage (e.g. cracking), battery leakage.

### Safety warnings for battery handling



The battery voltage is dangerous.



It is forbidden to connect positive and negative terminals.



The battery contains a highly corrosive toxic acid.



The battery may release flammable gases, so open flames or other sources of ignition are prohibited near the battery.



The battery shall be kept out of reach of children.



When any operator is working near or handling batteries, always wear appropriate eye protection appliances to prevent splashing battery electrolyte from getting into the eyes.



The battery after use cannot be discarded at will, which is harmful to the environment, so it must be recycled in an environmentally friendly and safe way.



Recycle the battery in the right way.

## Check tyre

### Tyre wear

In order to reduce tyre wear and extend the service life of tyres, tyres can be maintained according to your driving habits and road conditions:

- Avoid rapid acceleration or emergency braking.
- Keep slow when crossing potholes, kerbs or similar roads.

Tyre economy:

- Maintain the correct tyre pressure.

- Avoid sudden braking as much as possible.
- Tyre wear accelerates with increased speed.
- Maintain proper wheel alignment.
- Wheel imbalance can lead to poor tyre economy and ride comfort.
- Tyres must rotate in the same direction throughout their entire service life.

The damage of the tyre is often in the relatively hidden position, the abnormal vibration or deviation of the vehicle in the running may indicate the tyre damage. Slow down immediately. Stop and check for tyre damage. If no damage can be seen from the appearance, please continue driving at a low speed and go to a Lotus authorised repairer for inspection.

### **Warning!**

If the tyre wear is uneven, it is recommended go to a authorised repairer for four-wheel positioning and dynamic balance detection.

### **Caution!**

To reduce tyre wear and extend tyre life, please service the tyres according to your driving habits and road conditions:

- For new tyres, the first 500 km of driving is the running-in period, during which the tyres should be run-in by careful

driving at a proper speed, so as to prolong the service life of the tyres.

- When driving over kerbs or similar areas, you must drive slowly, with the wheels at as right angles to the kerb as possible.
- Fast driving in corners, too fast acceleration and emergency braking will all increase tyre wear.

## Seasonal tyre

In the temperature below 7°C environment, the performance of the summer tires will be reduced, in this case, Lotus Cars recommended that the vehicle replace the winter tires.

Winter tyres can improve the traction in icy conditions. When you install winter tyres, be sure to install the correct winter tires. If you have any questions, please contact the Lotus Customer Care Centre for relevant advice on winter tyres.

When driving a car with winter tyres fitted, you may experience increased tyre noise, reduced tread life and reduced traction on dry roads.

## Warning!

In low temperature or snow and ice road conditions, summer tyres provide insufficient traction, and summer tyres are easy to crack and damage under the influence of low temperature.

## Caution!

- The use of winter tyres should conform to local regulations.
- If the tread depth of a winter tyre is less than 4 mm, it must be replaced.

## Tyre chain

Be sure to install chains on vehicle tyres before travelling on snow or icy roads in winter. The tyre chain can increase the friction with the road, thereby reducing the risk of side-slip. When using tyre chains, pay attention to the following:

- The use of tyre chain should conform to local regulations.
- When driving with tyre chains, the vehicle speed must not exceed 50 km/h.
- The chains can be installed on driving wheels. Use the corresponding tyre chains according to the recommended specifications.
- Tyre chains may not be available for some sized wheels. Please contact Lotus Customer Care Centre for specific information.
- When driving a vehicle with tyre chains, you may feel that the maneuverability is affected.
- When driving a vehicle with tyre chains, avoid sharp turns or locked wheels.

- When driving to snow-free sections, remove the tyre chains to avoid damage to the tyres or excessive wear of the tyre chains.

### **!** Caution!

If you hear unusual noises from tyre chains during driving, stop the vehicle immediately for inspection.

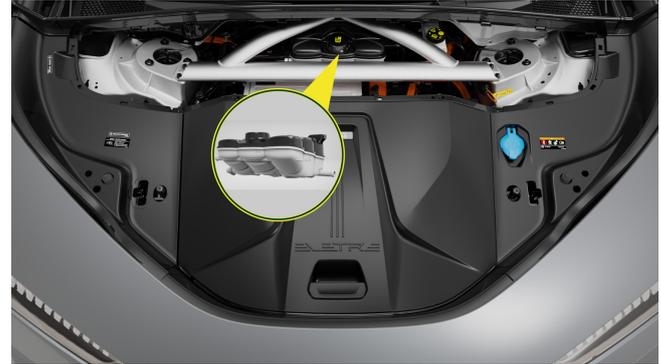
## Check the front cabin

### Coolant

The cooling system of the vehicle has been filled with coolant at delivery. When the fluid level in the coolant fluid reservoir is lower than the recommended level, the instrument cluster will issue a notification. If an alarm is noticed during driving, pull over on the premise of ensuring safety and do not continue driving, please also contact the Lotus Customer Care Centre immediately.

When the vehicle is driven go to a Lotus authorised repairer for maintenance at the specified interval, the technicians of the Lotus authorised repairer will check the coolant and add in case of shortage.

### Insufficient coolant



Check the coolant level from time to time to ensure that the level is between the MIN and MAX marks.

If the coolant level is lower than the recommended level, stop driving as soon as safety allows and contact the Lotus Customer Care Centre.

### **⚠ Warning!**

Do not open the coolant reservoir lid at high temperatures in the bonnet to avoid personal injury caused by coolant splashing under excessive air pressure in the reservoir when the lid is being opened.

## **!** Caution!

If you find that the coolant is insufficient, it should be added by professional staff. Never add the coolant by yourself.

## **i** Note!

Please treat the used coolant in accordance with applicable environmental protection laws.

## Brake fluid

When the fluid level in the brake fluid reservoir is lower than the recommended level, the instrument cluster will issue a notification. If an alarm is noticed during driving, pull over on the premise of ensuring safety and do not continue driving; please also contact the Lotus Customer Care Centre immediately.

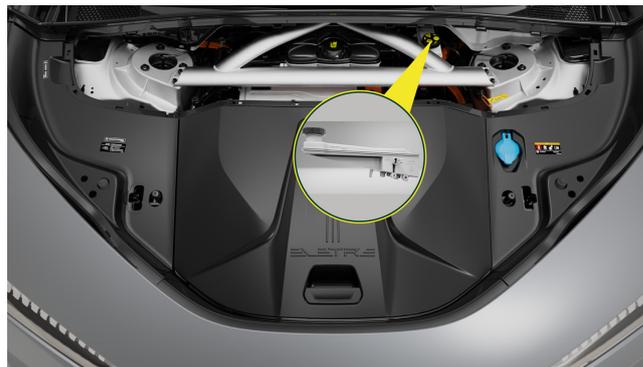
## **⚠** Warning!

If you notice the brake pedal becoming loose or significant loss of brake fluid, contact the Lotus Customer Care Centre immediately. Driving in these situations may result in an extended braking distance or complete braking failure.

When the vehicle is driven to Lotus authorised repairer for maintenance at the specified interval, the technicians of the Lotus

authorised repairer will check the brake fluid and add in case of shortage.

### Insufficient brake fluid



Check the brake fluid level from time to time to ensure that the level is between the MIN and MAX marks.

If the brake fluid level is lower than the recommended level, stop driving as soon as safety allows and contact the Lotus Customer Care Centre.

## **⚠** Warning!

Brake fluid is highly toxic. Containers should be kept tightly sealed and out of reach of children. The brake fluid comes into contact with

skin or eyes, wash immediately with plenty of water and go to the doctor right away.

### **!** Caution!

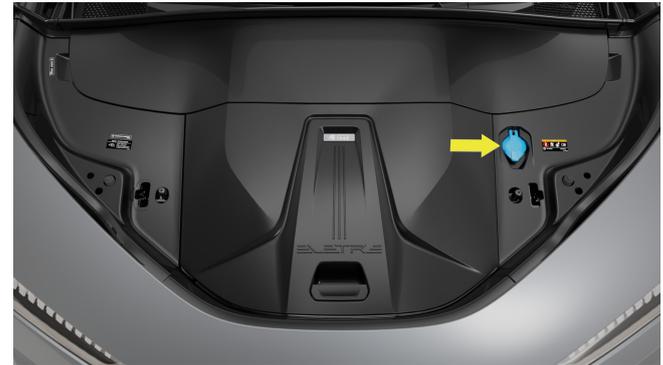
- Brake fluid can damage the paint surface. The spill can be immediately absorbed with an absorbent cloth and the affected area must be cleaned with a car cleaner product mixed with water.
- If the brake fluid is found to be insufficient, it should be added by a professional staff, and the brake fluid should not be added by yourself.

## Windscreen washer fluid

Regularly check the windscreen washer fluid. When the fluid in the reservoir is less than 1.0 L, a text message will appear on the combination instrument, reminding you to refill the washer fluid in time.

Operate the washer regularly and check whether the nozzle is clogged and can spray properly.

### Filling windshield washer fluid



1. Clean the reservoir cap to prevent dust from entering the reservoir.
2. Open the reservoir cap.
3. Add washer fluid until the fluid level is below the filling port.

### **!** Caution!

When the outdoor temperature is lower than 4°C, please empty the washing liquid in the liquid storage tank in time, replace the antifreeze washing liquid that meets the current temperature, avoid the freezing of the washing liquid affecting the cleaning function, and prevent the freezing of the washing liquid from damaging the liquid storage tank.

## Air filter

The air filter is used to filter exterior air containing dust, pollen and certain odours. In case of very strong external odours, they may not be completely removed by the air filter from the air that will be introduced into the A/C system.

Regular replacement of air filter element is part of maintenance. When you drive your car to a Lotus authorised repairer for scheduled maintenance, the staff of Lotus authorised repairer will check or replace the A/C filter element according to the maintenance interval and the actual situation.

### **Note!**

When driving frequently in dusty conditions, you should clean the filter element more frequently and replace it if necessary.

## Inspection and replacement of wiper blade

### Replacement of wiper blade



Before replacing the front wiper blade, please click on the **Setting - Vehicle - Windscreen wipers service mode** in the centre display, and the front wiper arm will be moved to the service position.



Wiper blade cover

Please operate as follows when replacing the wiper blade:

1. After the front wiper arm enters the maintenance mode, the wiper arm will rest on the windshield. At this time, you can lift the wiper arm and adjust the wiper blade to a certain angle until a "click" is heard.
2. Remove the wiper blade cover as indicated by the arrow and pull out the wiper blade.
3. Install the new wiper blade into the wiper blade.
4. After replacing the wiper blade, lower the wiper arms, operate the wiper lever or deactivate the " **Windscreen wipers service** " on CSD, then the wipers will return to the bottom position.

### ! Caution!

- Before activating **Windscreen wipers service**, make sure the wiper blade is not frozen on the windshield.
- After the wiper blade is replaced, ensure that the wiper arm is slowly restored to its original position to avoid damaging the windshield due to excessive return force of the wiper arm.

### Maintenance of wiper blade

The contaminants on windshield or wiper blade may reduce the effectiveness of the wiper blade. The contaminants include ice, vehicle wax, cleaning fluids containing bacteria or waterproof agent, bird droppings, tree sap, and other organic materials.

Regularly clean the edge of the wiper blade and check for cracks, rips and roughness in the rubber. If damaged, please contact Lotus Customer Care Centre for replacement.

### ! Caution!

- The surface of the wiper blade is applied with a layer of graphite, which ensures smooth wiping and eliminates wiping noise. Solvent-based cleaning agent, hard sponges and sharp edge tools can damage the graphite layer. If the graphite layer is damaged, the wiping noise of wiper will increase. In this case, you should replace the wiper in time.

- In winter or cold weather, check whether the wiper blade are frozen on the windscreen before using the wipers. If de-icing is not conducted in advance, the wiper blade and wiper motor may be damaged.

### **ⓘ Note!**

To ensure the cleaning effect, you are recommended to use cleaning products that have been certified by appropriate authorities and approved for use on automotive windscreen and rubber.

## **Exterior maintenance**

Washing vehicle frequently helps maintain the vehicle in good surface. Washing should be carried out in a cool place. If the vehicle has been exposed to the sun for a long time, we recommend you wait for the vehicle body surface to cool down before washing.

When washing will be done through an automatic car washer, be sure to follow the instructions of the washer operator.

When washing the vehicle 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.

In northern regions in winter, each time after the car is washed, you should wipe water from the gap near the door handle so as to

avoid freezing which may hinder the door handle from unfolding electrically.

To prevent damage to vehicle paint, you should remove corrosive substances (bird droppings, resin, insects, asphalt spots, road salt, industrial dust, etc.) in time before vehicle washing.

The washing of the exterior of the vehicle body should be implemented as follows:

1. Preparation for cleaning: close the bonnet, doors windows and boot lid, and check whether the charging port is completely closed.
2. Thorough rinsing: rinse off dirt and grit from the vehicle body with a hose before washing. Rinse areas that can easily accumulate dust, mud or road salt, for example, vehicle mudguard.
3. Hand wash: 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. Rinsing with clean water: after washing, rinse with clean water to prevent any residual soap liquid on the surface from getting dry.
5. Wiping with soft cloth: wipe water from the surface of the vehicle with soft absorbent cloth.

## **Warning!**

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Do not wash the inside of the bonnet with water, otherwise an electrical fault may occur and cause a serious accident.

## **Caution!**

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- Do not wash the vehicle with acid-based cleaner. Acids can damage vehicle surface and affect vehicle surface.
  - Do not use strong alkaline soap, strong chemical cleaning agents (such as strong alkaline cleaning agents, tap water, self-cleaning agents), gasoline or solvents to clean the vehicle, as this may affect the appearance of the vehicle.
  - Do not use chemical tyre cleaners which may damage the tyre tread.
  - In regions where the roads are applied with a layer of salt in winter, the underbody should be cleaned regularly to prevent salt build-up which may accelerate corrosion of the underbody and the suspension.
  - Remember to close all windows before washing the outside of the vehicle.
  - After washing, wipe the surface of the vehicle clean, otherwise the residual cleaner may corrode the surface of the vehicle.
  - Do not use lint or coarse cloth, such as vehicle washing gloves.
- 

## **Automatic washing**

Automatic washer is convenient and efficient, but it cannot wash the vehicle thoroughly. To get the more washing effect, we recommend you wash the vehicle manually.

## **Caution!**

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When using automatic washer:

- Make sure the outside mirrors are folded, otherwise the vehicle may be damaged.
  - The vehicle should be able to move freely and the automatic parking function must be disabled.
- 

## **High-pressure washing**

When using a high-pressure washer to wash the vehicle, please follow the operating instructions for the equipment, especially the working pressure and spray distance. The nozzle should not get too close to soft materials such as rubber hoses or seals.

## **Warning!**

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If you need to use the vehicle immediately after washing, depress the brake pedal several times to remove moisture from the brake pads. Moisture may affect the braking efficiency.

## Caution!

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- Do not wash the sensors with high-pressure washer or steam washer, otherwise they may be damaged. Wash all sensor surfaces with a small flow of water for a short time and keep a distance of at least 10 cm from it during washing.
  - Before washing the vehicle, check that all closures of the vehicle are properly closed.
  - In cold winter, it is recommended that the single high-pressure flushing time of the opposite radar box is less than 2 minutes. Do not flush directly against the gap of the cover plate of the side radar box to avoid excessive water inside the radar box, which may cause the internal mechanism to freeze, resulting in the lidar unable to reach out.
  - The vehicle should be washed in strict accordance with the operating instructions for high-pressure washer, with particular attention paid to the working pressure and the spray distance. If a pressure washer is used, make sure the nozzle is at least 30 cm away from the surface of the vehicle body. Keep moving the nozzle frequently other than spraying water to one area continuously, otherwise high-pressure water flow may go into vehicle parts and cause gradual damage. Do not direct the nozzle at the charging port and spray water to the port.
- 

## Polishing and waxing

High-quality wax can protect vehicle paint against environmental damages and even minor scratches. In case that the water droplets can no longer smoothly fall from the painted surface of clean vehicle body, you should immediately apply a layer of high-quality hard wax as curing agent on the paint of the vehicle. If you use curing agent regularly, it is recommended to apply a layer of hard wax at least twice a year to protect the vehicle body paint.

Polishing is only required when the vehicle body paint does not show any lustre and waxing can no longer ensure glossy paint. Parts applied with matte paint or plastic parts should not be polished.

## Washing of windows and mirrors

- The windows and mirrors should be cleaned with alcohol-based glass cleaner. After cleaning, the liquid on the surface of the glass should be dried with clean, soft, lint-free cloth or chamois cloth.
- After the vehicle body surface is maintained, remove residual wax from the glass 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!

- It is forbidden to use hot water with excessive temperature to remove ice and snow from the windshield and rearview mirror. Otherwise, the glass may burst.
- Residual rubber, grease and silicone substances on the glass must be removed with special window cleaner or silicone cleaner.

### 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.

## Interior maintenance

Use Lotus-recommended cleaners and vehicle maintenance products as much as possible. Regularly clean the vehicle inside with a vacuum cleaner.

## Caution!

- Some coloured clothes (such as dark jeans, sheepskin or Alcantara clothing) may stain the interior fabrics. If the interior fabrics are stained, clean and take measures to protect the affected areas as soon as possible.

- Do not use washing fluid, gasoline or liquor, and other strong solvents to clean the interiors of the vehicle, as this may damage the interior fabrics and other interior materials.
- Do not spray cleaners directly on parts with electrical buttons and controls.
- During cleaning, do not use sharp objects to avoid damaging the interior materials.

### Maintenance and cleaning of leather interiors

Leather is a natural fabric that will change and develop exquisite lustre as time goes on. To keep the performance, colour and lustre of the leather, you should regularly clean and maintain the leather materials. Otherwise the dirt and grease may gradually destroy the protective layer of the leather.

When you maintain the leather materials in the car, please use the leather special care products recommended by Lotus for cleaning/maintenance.

## Note!

- Clean the dirt on the surface of light colored leather as soon as possible;
- Dry as soon as possible when water drips on the leather surface;
- A little dirt or dust can be gently wiped with a thoroughly wrung white cloth (soaked with pure water), and then open the window

to let it dry naturally or dry it gently with a dry rag. Do not expose to high temperature or dry it with an electric hair dryer;

- When maintaining the leather materials in the car, avoid contacting solvents (such as butanone, acetone, liquor, methanol, ethanol, propanol, etc.), detergents (such as washing powder, detergent, detergent, etc.), disinfectants, gasoline and other reagents, which may cause discoloration or damage to the leather surface;

### Maintenance and cleaning of Alcantara interiors

Alcantara material is highly practical and has the characteristics of soft texture and full colour. In addition, they have strong ability to protect against contamination, and are easy to care.

In order to maintain the appearance of this material, please use Alcantara special care products recommended by Lotus for cleaning/curing.

If no special detergents are available when you are cleaning Alcantara products, you can follow the following instructions:

1. Use a soft brush, dry cloth or vacuum cleaner to clean the surface.
2. Wipe the surface of Alcantara gently with a thoroughly wrung white cloth or sponge (soaked with purified water), and then open the window to let it dry naturally. After drying, use a soft

bristle brush to gently comb the down to restore the fabric to its original state.

### Caution!

- In case of local stains, they shall be treated immediately to avoid the spread or deposition of stains and friction, so as to prevent the spread or penetration of stains into materials.
- Do not use steam equipment during cleaning.

### Maintenance and cleaning of seat belt

Pull out the seat belt and wipe it. Do not use any type of cleaner or chemical cleaner. After cleaning, let it dry naturally.

### Warning!

Do not use bleach, dyes or chemical solvents to clean seat belts. These materials can seriously impair the fabric performance of seat belts.

### Maintenance and cleaning of floor mats

To prolong the service life of the carpet on the vehicle and make it easier to clean, you should clean the floor mats regularly and install them properly. If the floor mats are excessively worn, replace them in time.

## Warning!

Arrange the floor mats, carpets and other items reasonably to avoid hindering the movement of the pedals.

### Maintenance and cleaning of CSD

The dust, dirt and grease on your fingers can affect the performance and clarity of the CSD. Clean the display frequently with microfibre cloth.

## Caution!

- Keep the CSD away from liquids and moisture. Otherwise, the display and electrical components may be affected or damaged.
- During cleaning, do not press with great force or use abrasive materials, as this may cause damage.

## Precautions during the run-in period

In order to ensure your new car have the optimal performance and stability, Lotus recommends you to pay attention to the running-in of the new car at the initial period of use (i.e. 1,000 km). During this period, you need to do daily inspections to identify and eliminate

problems in advance, so as to improve the running-in quality of your new car:

- Before driving, make sure that the tyre pressure is within the standard range, and the coolant and brake fluid are sufficient. If there are relevant prompts or warnings on the instrument cluster, please deal with them in time.
- If you notice any unusual noises while driving, you should stop the car for inspection, and contact Lotus Customer Care Centre for the problem that you cannot solve by yourself.
- Please avoid driving at a low speed or high speed for a long time when the car is fully loaded.
- The car should be driven at a constant speed as far as possible and avoid emergency braking as much as possible.
- When the specified driving mileage or the specified maintenance interval has been reached, please visit a Lotus authorised repairer in time to have your car serviced accordingly.

### Brake running-in

In the initial stage of a new car, the brake pads are not in optimum condition and cannot achieve the best braking effect, so running-in is required.

During the first 500 km of a new car, you should keep your car at a higher than usual safe distance from the cars ahead while driving and avoid emergency braking as much as possible.

| EMERGENCY



08



## Guidance for traffic accidents

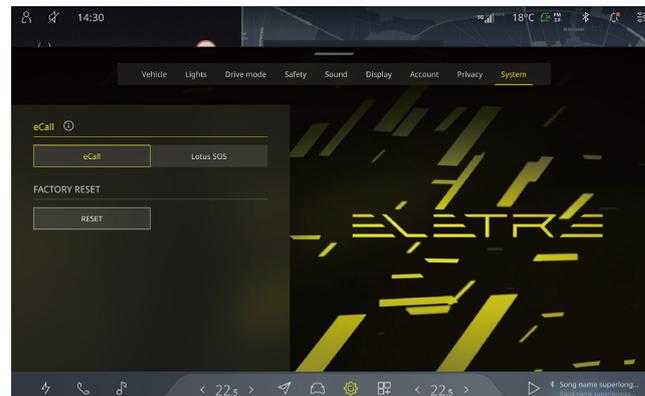
When a vehicle is involved in a traffic accident, follow these steps:

1. Park the car (if the car can still be driven normally after the accident) in a safe place and turn on the hazard warning lights. If the vehicle needs towing, please contact Lotus Customer Care Centre.
2. Take out the reflective vest from the glove box and put it on.
3. Take the warning triangle from the boot load storage box.
4. Place the warning triangle behind the car.

### **⚠ Warning!**

In the event of an emergency traffic accident, personal injury or major fire, please contact for rescue as soon as possible.

## Emergency call



Emergency call system is divided into E-Call and Lotus SOS:

- E-Call is always available in applicable countries.
- Lotus SOS is part of the Lotus customized services and is activated as a default function during a certain period. Lotus SOS offers enhanced and additional support and services such as communication between the occupant and trained call center staff in the local language.



SOS button cover

When you have an emergency and need urgent assistance, you can follow these steps:

1. Press and turn on the SOS button cover on the front reading lamp.
2. Press and hold the SOS button inside the cover to obtain emergency call.

The different colors of the LED indicator on the SOS button indicate the current status of emergency call system:

- Green LED on indicates: TCAM Modem on and no call service active.
- Green LED flashing indicates: Call service active /call ongoing/ incoming call ringing.

- Red LED on indicates: Call exception/ unavailable/ DTC fault.
- LED OFF indicates: emergency call system standby/sleep/off.

When the SOS button is pressed, an emergency call interface will appear on CSD.

When any of the vehicle's airbags or seat belt pretensioners are activated, the road rescue system automatically activates and sends a signal to the call center. The call center will provide appropriate assistance (ambulance, police, etc.).

When the emergency call is made successfully, the relevant service personnel of the emergency call centre will ask for your consent to record the conversation and sound in your vehicle, and some of the information of the vehicle (such as VIN) will be transmitted to the emergency call centre together with the vehicle location information.

### **⚠ Warning!**

It is important to leave the vehicle immediately after an emergency call is made in the following cases:

- After an accident.
- The vehicle cannot be driven and in a hazardous area on the road.
- When the vehicle is not clearly visible to drivers in other lanes due to low light or low visibility.

## **Warning!**

- In the event of a serious collision (e.g. airbag deployment), the emergency call function will be automatically activated; if only a minor collision occurs, the function may not be activated automatically.
- In the event of an accident that causes a power outage in your vehicle, the emergency call function is not functioning properly, and you should get help by other means.

## **Note!**

- The SOS button should only be used in an emergency, such as an accident, illness or a threat to the driver or passenger. Misuse of this button may incur additional charges.
- When you trigger an emergency rescue call by mistake, you can cancel the call by pressing the SOS button again for a short period of time.
- When there is an owner transfer and the car is sold and used in another country, please visit the local Lotus authorised repairer to set up the proper Lotus SOS service in order for the new owner to receive the support accordingly.
- The system only operates in areas with a compatible cell phone network and emergency services infrastructure.

- After completing an emergency call, the emergency operator can call your vehicle. The system automatically answers incoming calls for approximately an hour.
- The removal of the TCAM backup battery should be carried out by professional staff.

## **Hazard warning device**

### **Hazard warning lights**



In case of emergency during driving, please press the hazard warning light switch button to activate the hazard warning lights.

## **i Note!**

The hazard warning lights may also be automatically activated by the vehicle safety systems in case of collision or emergency braking.

## Warning triangle

The warning triangle is stored in the boot load storage box. In case of emergency, switch on the hazard warning lights and if necessary, set up a warning triangle at a sufficient distance to the rear of vehicle. Comply with any local legislation required.

## Reflective vests

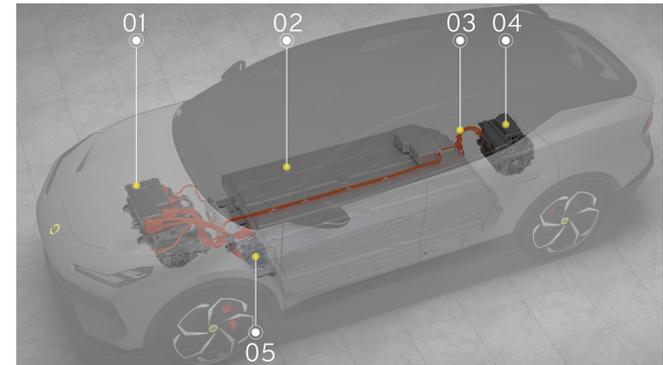


Reflective vest

The reflective vest is stored in the glove box. If you make an emergency stop on the road, please be sure to wear a reflective vest when getting out of the car. Wearing a reflective vest increases visibility and reduces the risk of accidents.

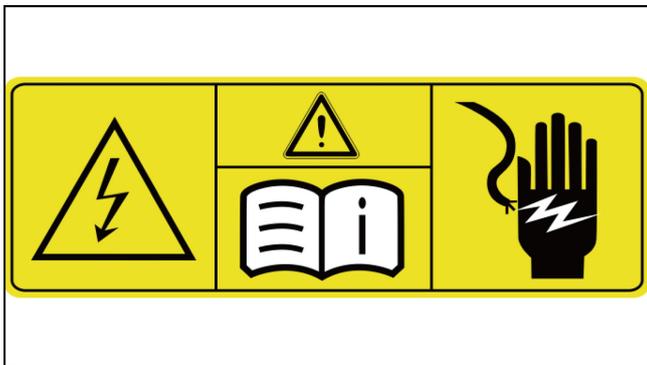
## High voltage system information

### Overview of HV system

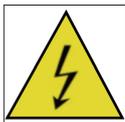


1. Front drive motor
2. High voltage battery
3. HV wire harness
4. Rear drive motor
5. Integrated charging port

## Safety sign information



HV components are attached with warning signs. Do not touch, disassemble or replace such components.



Warning signs of HV connectors.

### **Warning!**

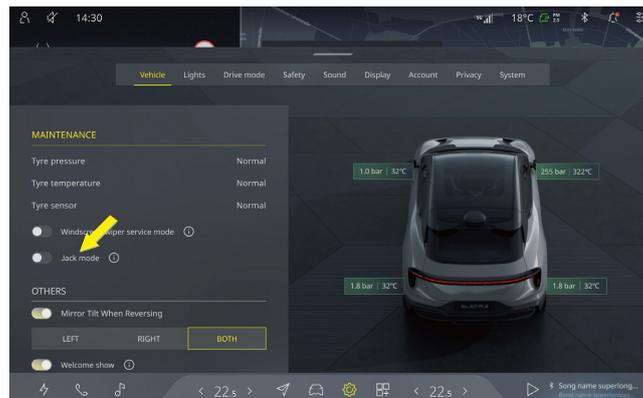
It is forbidden to touch, disassemble or replace parts and components with HV warning signs, orange cables and their connectors on vehicles without permission, so as to avoid personal injuries or casualties.

## Vehicle lifting

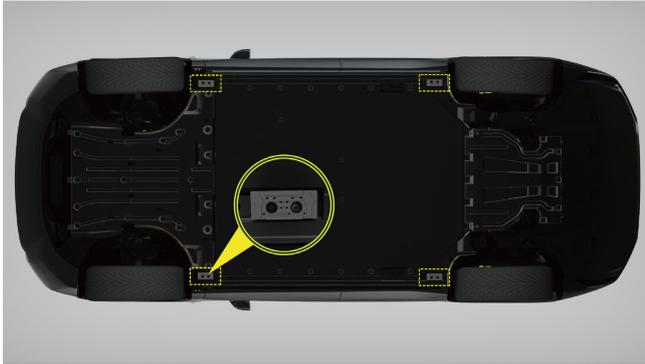
The vehicle must be fixed or lifted at the specified lifting points, as the high voltage battery pack is installed at the bottom of this vehicle. Failure to do so may cause damage to the battery pack, resulting in accidents.

The vehicle lifting steps are as follows:

1. Before lifting the vehicle, click on the **Setting - Vehicle - Jack mode** on CSD.



2. Make sure all doors, the boot lid and the bonnet are closed, and place the lift arm contact pad at specified lifting points rather than below the high voltage battery pack.



3. Adjust the height and position of lift arm contact pad and place it properly.
4. Raise the lift, and make sure the lift arm contact pad is kept at a proper position.

### **⚠ Warning!**

- The lifting of the vehicle should be performed by qualified persons.
- Never lift the vehicle when it is charging or connected with a charging cable.
- Before lifting the vehicle, make sure the lift arm contact pad is placed at specified lifting point so as to avoid vehicle damage or personal injury during vehicle lifting.

### **! Caution!**

- Since this vehicle is equipped with air suspension, be sure to switch to jack mode before lifting to avoid damages to the vehicle.
- The vehicle must be lifted at the specified lifting point by using the jack. Otherwise damages to the vehicle may be caused.

## **Jump starting**

When the vehicle doors cannot be unlocked due to weak battery, you can refer to the **emergency unlock/lock door** related content in ( p.61 ) to help you unlock the door in emergency, so as to complete the jump starting.

### **! Caution!**

- Do not use batteries with voltages greater than 12 V for jump starting.
- Be sure to link the jumper cable carefully to avoid short circuits due to contact with other components.
- At jump starting, the two vehicles must not come into contact with each other, otherwise, once the positive terminals of the batteries of the two vehicles are connected, the current may begin to flow immediately, causing damages to vehicles.

- When jump starting, be sure to connect the positive terminal first, and then the negative terminal.
- Unable to jump start for lead-acid batteries.
- If you encounter any problems during jump starting, contact Lotus Customer Care Centre in time.

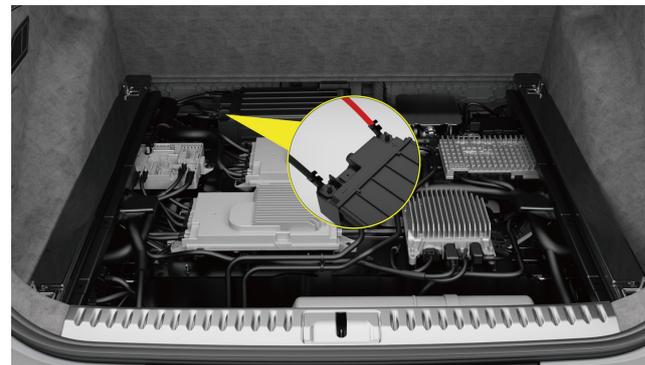
### **i Note!**

The vehicle shall be started for at least 20 minutes to ensure that the battery is charged to the working voltage.

#### **Jump starting from boot**

In case that a car cannot be started normally due to weak battery, you can connect the battery jumper cable under the boot to the battery of another car for this purpose.

The specific steps are as follows:



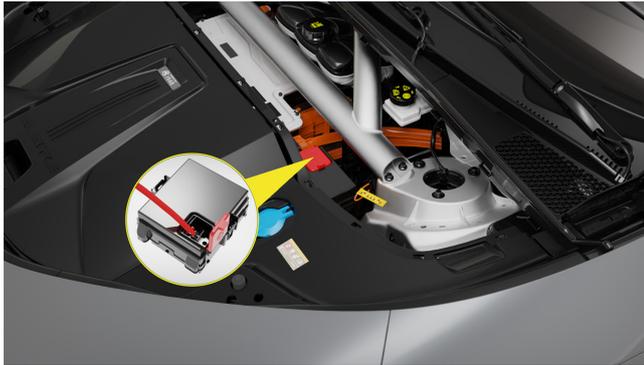
1. Park the car in a safe area, and open the battery cover in the boot of the car with dead battery.
2. Connect one end of the red cable to the positive (+) terminal of the dead battery.
3. Connect the other end of the red cable to the positive (+) terminal of the battery in booster car.
4. Connect one end of the black cable to the negative (-) terminal of the battery in booster car.
5. Connect the other end of the black cable to the negative (-) terminal of the dead battery.
6. After the positive and negative terminals of the battery in booster car and the dead battery are connected, start the booster car, and a few minutes later, start the car with dead

battery. Check whether the car with dead battery can start normally.

7. After the car with dead battery starts normally, disconnect the power supply of booster car, remove the jumper cables in reverse order of the connection.

### Jump-starting car in bonnet

You can start the car by connecting a jumper cable in the bonnet fuse box to the battery of another car.

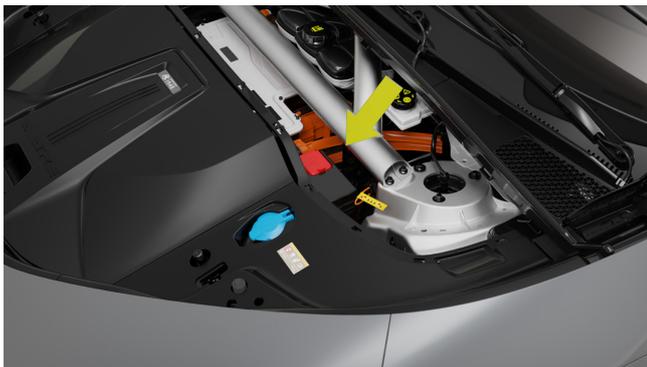


1. Park the vehicle in a safe area, and open the fuse box cover in the bonnet of the vehicle with dead battery.
2. Connect one end of the red cable to the fuse box terminal of the car with dead battery.

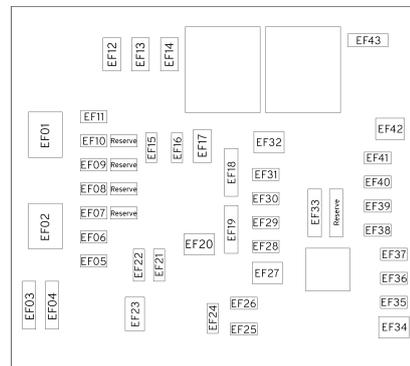
3. Connect the other end of the red cable to the positive (+) terminal of the battery in booster car.
4. Connect one end of the black cable to the negative (-) terminal of the battery in booster car.
5. Connect the other end of the black cable to any metal body part in the bonnet of the car with dead battery.
6. After the jumper cable is connected, start the booster car, and a few minutes later, start the car with dead battery. Check whether the car with dead battery can start normally.
7. After the car with dead battery starts normally, disconnect the power supply of booster car, remove the jumper cables in reverse order of the connection.

# Replace fuse

## Bonnet fuse box



Open the bonnet to identify the cabin fuse box.



### Fuse information

No.	Function	Ampere (A)
EF01	Cooling fan (ALPHA)	40
EF02	Cooling fan (LAMBDA)	60
EF03-A	Body area controller	10
EF03-A	Electronic gear shifter assembly	10
EF03-A	Redundant brake controller	10
EF03-A	Vehicle controller	10

Fuse information		
No.	Function	Ampere (A)
EF03-A	Electric power steering	10
EF03-A	Brake controller	10
EF03-B	48V supercapacitor	10
EF03-B	Medium voltage converter module	10
EF03-B	Rear steering module	10
EF03-B	12V low-voltage lithium battery	10
EF03-B	12V supercapacitor	10
EF04 -A	ETC electronic unit	10
EF04 -B	Accelerator pedal sensor	10
EF05	Airbag controller	10
EF06	Reserve	20
EF07	Reserve	10
EF08	Reserve	20

Fuse information		
No.	Function	Ampere (A)
EF09	Autopilot assist domain controller	10
EF09	Outlet media rearview mirror controller	10
EF10	Front active stabilizer bar assy	10
EF10	Rear active stabilizer bar assy	10
EF10	Rear electric drive system motor	10
EF11	Active air dam module (ALPHA)	10
EF11	Active air dam module (ALPHA)	10
EF11	Active air dam module (ALPHA)	10
EF12	Reserve	40
EF13	Reserve	40
EF14	Reserve	40
EF15	Reserve	20

Fuse information		
No.	Function	Ampere (A)
EF16	High voltage charging system assy	10
EF17	Washing pump	25
EF18-A	Spare battery sounding device	10
EF18-B	Electronic gear shifter assembly	10
EF18-B	Brake pedal sensor	10
EF19	Reserve	10
EF20	Brake controller	40
EF21	Right front combination headlight	15
EF22	Left front combination headlight	15
EF23	Brake controller	40
EF24	VCU Main Relay	10
EF25	Klaxon	20

Fuse information		
No.	Function	Ampere (A)
EF26	CPSR control	10
EF27	Redundant brake controller	40
EF28	High voltage battery	10
EF29	Vehicle controller	15
EF30	Battery radiator water pump	20
EF31	Reserve	20
EF32	Cooling electronic water pump_210W	25
EF33-A	Front electric drive system motor	10
EF33-B	High voltage charging system assy (CN)	10
EF33-B	High voltage charging system assy (US/EU)	10
EF33-B	High voltage battery	10
EF34	Redundant brake controller	30

Fuse information		
No.	Function	Ampere (A)
EF35	Vehicle controller	10
EF36	Vehicle controller	20
EF37	Vehicle controller	20
EF38	Front left radar	10
EF38	Front right radar	10
EF38	Forward looking millimeter-wave radar	10
EF39	Dc charging port cover controller for electric vehicle	10
EF39	Ac charging port cover controller for electric vehicle (LAMBDA)	10
EF39	Electric vehicle communication controller	10
EF40	Reserve	10
EF41	Vehicle controller	20
EF42	Reserve	25

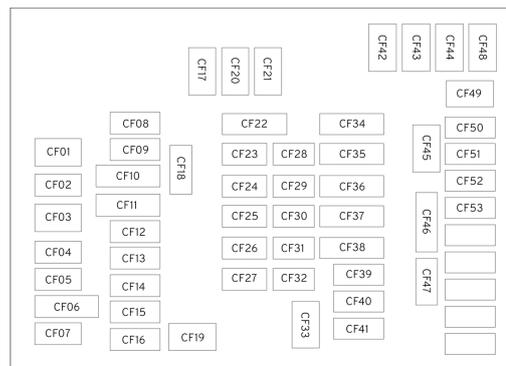
Fuse information		
No.	Function	Ampere (A)
EF43-A	Rear electric drive system motor	10
EF43-A	Front electric drive system motor	10
EF43-A	Motor loop coolant diverting valve	10
EF43-A	Three-way electronic valve for motor circuit	10
EF43-A	Air conditioning heater (high pressure PTC) assembly	10
EF43-A	Air conditioner control module (Air conditioner compressor)	10
EF43-A	Cold water switch off valve	10
EF43-A	Motor cooling regulating valve	10
EF43-B	Heating circuit pump	10

Fuse information		
No.	Function	Ampere (A)
EF43-B	Condenser inlet solenoid on-off valve	10
EF43-B	Turn off valve actuator	10
EF43-B	OHX shutoff valve	10
EF43-B	Condenser electric expansion valve	10
EF43-B	Electric evaporator expansion valve	10

### Central fuse box



The central fuse box is located on the right side of the tunnel console, which can be viewed by removing the right front bezel of the tunnel console.



Fuse information		
No.	Function	Ampere (A)
CF01	Wiper motor	30
CF02	Reserve	30
CF03	Reserve	30
CF04	Left monitor streaming media outside rearview mirror screen	10
CF05	AMG	10
CF06-A	Indoor lighting control module	10
CF06-A	Driver condition monitoring module	10
CF06-B	Left side visor makeup light	10
CF06-B	Right side visor makeup light	10
CF06-B	Interior rearview mirror module	10
CF06-B	Glove box light switch	10

Fuse information		
No.	Function	Ampere (A)
CF06-B	Skylight dimming motor controller	10
CF07	Autopilot position unit	10
CF08	Anion generator	10
CF08	PM2.5 sensor	10
CF09	Combination switch	15
CF10	Reserve	10
CF11	Reserve	7.5
CF12	Reserve	15
CF13	Reserve	15
CF14	Rear USB	20
CF15	Luggage 12V power socket	20
CF16	Right streaming media outside rearview mirror screen	10
CF17	Body area controller	40

Fuse information		
No.	Function	Ampere (A)
CF18	Driver side door module backup power supply	20
CF18	Bluetooth and NFC key communication module standby power supply	20
CF18	NFC card reader standby power supply	20
CF19	Reserve	30
CF20	Body area controller	40
CF21	Right restraint module	30
CF22	Reserve	10
CF23	Right rear seat	10
CF23	Left rear seat	10
CF23	Driver's seat	10
CF23	Passenger seat	10
CF24	Reserve	25

Fuse information		
No.	Function	Ampere (A)
CF25	Reserve	10
CF26	Front active stabilizer bar assy	10
CF26	Rear active stabilizer bar assy	10
CF27	Heads-up display	10
CF28	Left front electric door module (ALPHA)	10
CF28	Right front electric door module (ALPHA)	10
CF28	Left front door anti-collision radar module (ALPHA)	10
CF28	Right front door anti-collision radar module (ALPHA)	10
CF29	Right front electric door module (ALPHA)	10

Fuse information		
No.	Function	Ampere (A)
CF29	Right rear electric door module (ALPHA)	10
CF29	Right front door anti-collision radar module (ALPHA)	10
CF29	Right rear door anti-collision radar module (ALPHA)	10
CF30	Vehicle wireless terminal	10
CF31	Electronic steering lock	10
CF32	Passenger screen module	10
CF32	Sunlight rainfall sensor	10
CF32	DVR	10
CF33	Reserve	30
CF34-A	Outlet media rearview mirror controller	10

Fuse information		
No.	Function	Ampere (A)
CF34-B	Diagnostic module	10
CF35-A	Radar module in front of car (presence detection of children)	10
CF35-A	Rear rear radar module (children presence detection)	10
CF35-A	ETC electronic unit	10
CF35-A	Alcohol lock	10
CF35-B	Carbon dioxide sensor	10
CF35-B	Combination switch	10
CF35-B	Internal motion sensor	10
CF36-A	In-car infotainment display	10
CF36-B	Driver information screen	10
CF36-B	Central control switch module	10

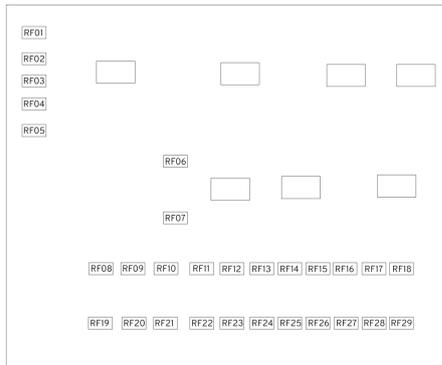
Fuse information		
No.	Function	Ampere (A)
CF37-A	NFC card reader	10
CF37-A	Bluetooth and NFC key communication module	10
CF37-B	Vehicle gateway module	10
CF38	Air conditioning controller	10
CF39	WPC (15W)	10
CF40	In-car infotainment host	15
CF41	Front 12V power socket	20
CF42	Driver door module	30
CF43	Reserve	25
CF44	Passenger door module	30
CF45	Reserve	30
CF46-A	Atmosphere lamp	10

Fuse information		
No.	Function	Ampere (A)
CF46-B	Overhead light module	10
CF47	WPC (50W)	15
CF49	Front blower	40
CF50	Reserve	10
CF51	Central display rotating module	10
CF51	Rear entertainment screen lifting module	10
CF52	Front USB power supply	15
CF53	Steering wheel adjusting module	15
CF54	Reserve	25
CF55	Reserve	25

## Rear electric fuse box



Remove the boot storage box to find the rear electric fuse box.

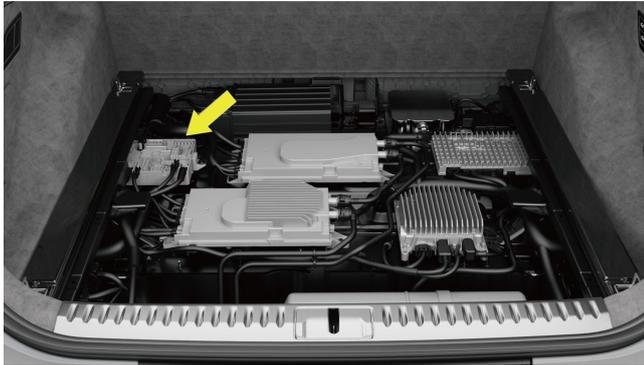


Fuse information		
No.	Function	Ampere (A)
RF01	Reserve	10
RF02	Reserve	10
RF03	Left rear taillight (LAMBDA)	10
RF04	Right rear taillight (LAMBDA)	10
RF05	Through-tail light (LAMBDA)	10
RF06	Reserve	10
RF07	Reserve	10
RF08	Air suspension control unit	50
RF09	Rear Seat Controller (5 seats)	30
RF10	Afterdefrosting	30
RF11	Electric tailgate module	30
RF12	Trailer module	30
RF13	Step monitoring module	10

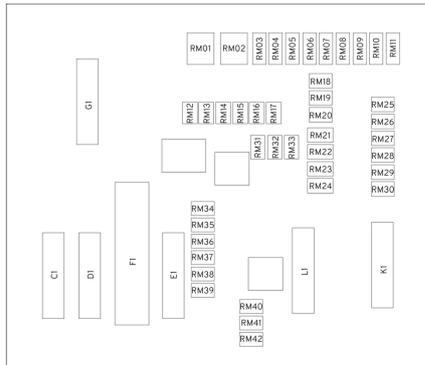
Fuse information		
No.	Function	Ampere (A)
RF14	Medium voltage converter module	10
RF14	48V supercapacitor	10
RF15	Rear electric drive system motor (IEM)	10
RF16	Rear entertainment module	10
RF16	High brake lamp (ALPHA)	10
RF17	Rear diffuser (ALPHA)	10
RF18	Reserve	10
RF19	Right rear seat control module	40
RF20	Rear Seat Controller (5 seats)	40
RF20	Left rear seat control module	40
RF21	Suspension module control unit	30
RF22	Trailer module	40

Fuse information		
No.	Function	Ampere (A)
RF23	Reserve	10
RF24	Active tail motor (AWM)	20
RF25	Rear tail light	15
RF26	Rear electric drive system motor	10
RF27	RR03/RR07 drive	10
RF28	Reserve	10
RF29	High voltage booster converter module	20

## Rear main distribution fuse box



Remove the boot storage box to find the rear main distribution fuse box.



Fuse information		
No.	Function	Ampere (A)
C1	48V DCDC	125
D1	Rear-wheel steering	80
E1	Trunk safety box	150
F1	Cabin fuse box	250
G1	Instrument fuse box	200
K1	Cabin fuse box	125
L1	Reserve	125
RM01	Rear electric drive system motor (EDS2-Zues)	60
RM02	Reserve	60
RM03	Audio module	30
RM04	Audio module	30
RM05	Audio amplifier	30
RM06	Audio amplifier	30
RM07	Left rear door module	30

Fuse information		
No.	Function	Ampere (A)
RM08	Right rear door module	30
RM09	Driver's seat inner connection	30
RM10	Inside passenger seat connection	30
RM11	Rear electric drive system motor (EDS2-Zues)	30
RM12	Left side obstacle detection radar	10
RM12	Right side obstacle detection radar	10
RM12	Rear-looking millimeter wave radar	10
RM13	Reserve	15
RM14	Autopilot master domain controller	20
RM15	Reserve	15
RM16	Reserve	15

Fuse information		
No.	Function	Ampere (A)
RM17	Autopilot assist domain controller	20
RM18	Reserve	10
RM19	Autopilot assist domain controller	20
RM20	Autopilot assist domain controller	20
RM21	Reserve	30
RM22	Reserve	30
RM23	Reserve	40
RM24	Left restraint module	30
RM25	Reserve	10
RM26	Reserve	10
RM27	Reserve	15
RM28	Reserve	10
RM29	Reserve	10
RM30	Airbag controller	10

Fuse information		
No.	Function	Ampere (A)
RM31	Front Lidar box	10
RM31	Rear Lidar box	10
RM32	Left lidar box	10
RM32	Right lidar box	10
RM33	Reserve	10
RM34	Left front combination headlight	20
RM35	Right front combination headlight	20
RM36	Left rear taillight (LAMBDA)	10
RM37	Right rear taillight (LAMBDA)	10
RM38	Reserve	10
RM39	Left rear taillight controller (ALPHA)	15
RM40	Front lidar	10
RM40	Left lidar	10

Fuse information		
No.	Function	Ampere (A)
RM41	Right lidar	10
RM41	Rear lidar	10
RM42	Reserve	10

## Driver's tools

The driver's tools are placed in the boot load storage box, which include:

1. Wheel anti-theft bolt adapter
2. Electric inflater pump
3. Towing ring
4. Tyre repair liquid tank

### **i** Note!

After the driver's tools are used, please put them back to their original positions to avoid tool damage during emergency braking.

# Quick tyre repair

## Tyre repair kit

The tyre repair kit can be used to temporarily seal punctures.

### **Note!**

Tyre repair kits only apply to tyres with a puncture in the tread area. Tyre repair kits cannot be used for sealing if defects such as large cracks, splits or other similar damages are found in tyres.

The tyre repair kit are placed in the boot load storage box. It is equipped with a tyre repair tank and an electric inflatable pump.



1. Tyre repair liquid connecting hose

2. Tyre repair liquid tank connection
3. Tyre repair liquid tank switch
4. Electric inflater pump hose
5. Electric inflater pump connection
6. Electric inflater pump switch
7. Tyre pressure gauge
8. Bleed valve
9. Electric inflater pump power cable connector

## Emergency tyre inflation

1. Make sure the electric inflater pump switch is off, and then take out the electric inflater pump power cable connector and the electric inflater pump hose.
2. Loosen the valve dust cover and connect the electric inflater pump hose to tyre valve.
3. Connect the electric inflater pump power cable connector with 12 V power supply of the car to energize the car.
4. Press the electric inflater pump switch to start the electric inflater pump. Inflate the tyre to the pressure recommended on tyre pressure label.
5. Turn off the electric inflater pump switch, and disconnect the electric inflater pump hose and the electric inflater pump power cable connector.

6. Refit the valve dust cover.

### Quick tyre repair

1. Tear off the maximum allowable speed sticker (affixed to one side of tyre repair liquid tank) and stick it to steering wheel.



2. Make sure the electric inflater pump switch is off, and then take out the electric inflater pump power cable connector.
3. Press the switch on tyre repair liquid tank, and install the connection of the tyre repair liquid tank into the connection of the electric inflater pump.
4. Loosen the valve dust cover and connect the tyre repair liquid connecting hose to tyre valve.
5. Connect the electric inflater pump power cable connector with 12 V power supply of the car to energize the pump.

6. Press the electric inflater pump switch button.
7. Inflate the tyre to the pressure recommended on tyre pressure label.
8. Turn off the electric inflater pump and disconnect the electric inflater pump power cable.
9. Press the switch on tyre repair liquid tank to remove the tyre repair liquid tank.
10. Remove the tyre repair liquid connecting hose from tyre valve and refit the valve dust cover.
11. Immediately drive 3 km at  $\leq 80$  km/h speed to allow the sealant to evenly apply and seal the tyre.

### **Warning!**

- Park the car in a safe place away from traffic. Shift to P gear.
- When repairing tyres on the road, you should enable the hazard warning lamps, wear a reflective safety vest, then exit the car and place warning triangle at specified distance.

### **Warning!**

When repairing a tyre with tyre repair kit:

- Tyre repair liquid is harmful and should be kept out of the reach of children.
- Prevent tyre repair liquid from splashing into your eyes.

- If you accidentally ingest tyre repair liquid, go to see a doctor immediately.
- If you accidentally come into contact with tyre repair liquid, wash the contact area with soap or water immediately.
- Never stand next to the tyre when the electric inflater pump is working. If the tyre is cracked or uneven, turn off the electric inflation pump immediately and contact the Lotus Customer Care Centre for inspection as soon as possible.

After repairing a tyre with tyre repair kit:

- The car speed shall not exceed 80 km/h.
- The driving distance of the vehicle should not exceed 10 kilometers, and go to the Lotus authorized repairer as soon as possible to repair or replace the tires.
- Avoid emergency steering and emergency braking.
- If you perceive unusual vibrations or noises while driving, slow down immediately and stop the car safely.

### Caution!

- The electric inflater pump should not work for more than 10 minutes, otherwise it will be damaged due to overheating.
- After tyre inflation, be sure to install the valve dust cover to avoid damage to tyre valve.

### Check tyre pressure

1. Connect the electric inflater pump hose to the tyre valve.
2. Connect the electric inflater pump power cable connector with 12 V power supply of the car.
3. Turn on the electric inflater pump switch and read the tyre pressure on pressure gauge:

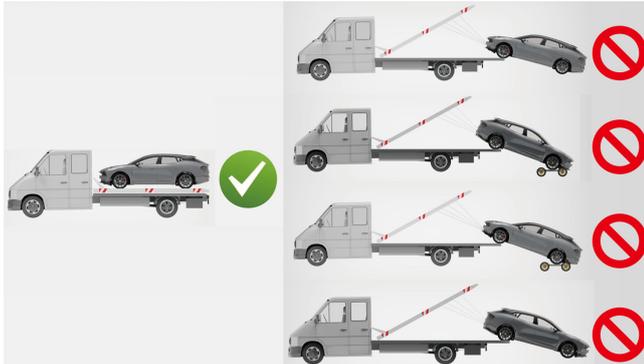
If the tyre pressure is lower than 1.8 bar, it means that the tyre is not completely sealed, and it is not allowed to continue driving in this case.

If the tyre pressure exceeds 1.8 bar, inflate the tyre to the pressure recommended on tyre pressure label. If the tyre pressure is too high, use a bleed valve to permit air to be removed from the tyre.

4. Turn off the electric inflater pump switch, and disconnect the electric inflater pump hose and the electric inflater pump power connector.

## Towing vehicle

### Towing method



The towing of a car, if required, must be performed in accordance with local regulations. Do not tow a vehicle with its wheels on ground. When towing a vehicle, power off the vehicle and transfer it to a flatbed tractor truck. The vehicle may be damaged if it is towed by incorrect towing methods or improper towing equipment.

Lotus cars recommends that you seek help from professional roadside assistance personnel for towing.

## Towing procedures

### Towing mode

When the vehicle needs to be towed to a platform trailer, the towing mode should be activated first. The specific operation is as follows:

1. Ensure to keep the valid key in the vehicle. In case of a card key, it must be placed in the wireless charging sensing area.
2. Open and close the driver door once.
3. Press and hold the hazard warning lamp switch for more than 7 seconds until the warning lamp on the instrument cluster performs BIT (the warning lamp lights up and goes out after a few seconds) once.
4. Put the vehicle in N gear

You can exit towing mode in any of the following ways:

- Shift the gear to Park (P) to lock the vehicle from the outside.
- Shift the gear to Drive (D) or Reverse (R) to start driving the vehicle.

### **Warning!**

- When the vehicle is towed to a platform trailer, no person or object is allowed to be at the rear of the trailer.

- After the vehicle is towed to a platform trailer, please deactivate the towing mode and apply the electronic parking brake (EPB) to ensure the parking safety of the vehicle.
- When the vehicle is being towed, the driver and passengers must not stay in the vehicle.

### Caution!

- The vehicle must be in towing mode before being towed to a platform trailer.
- During transportation, ensure that the wheels will not rotate.

### Note!

Towing mode is only applicable when the vehicle is towed to a platform trailer.

#### Use a towing eye

1. Open the tailgate of the vehicle. For details, please refer to **Tailgate** ( p.74 ).
2. Remove the towing eye from the boot load.
3. Open the cover plate of the towing eye mounting hole, which is located on the right side of the front bumper and rear bumper.



4. Screw the towing eye in place and continue tightening until the towing eye is fully screwed in and the towing device is attached to the towing eye.

5. Before towing, please power off the vehicle, turn on the hazard warning lights, and ensure that the vehicle is locked completely with no one inside.
6. Install the towing device onto the towing hook, and then tow the vehicle onto a flatbed truck.
7. After the vehicle is towed to the designated position on the flatbed truck, use detent blocks and straps to fix the wheels.

### **!** Caution!

- When installing the traction ring, ensure that the traction ring is tightened to avoid shaking.
- To ensure safety, the traction direction of the traction device must be as straight as possible with the front and rear directions of the vehicle when operating the above contents.
- Since the vehicle is equipped with air suspension, do not fix the vehicle by securing the vehicle body. Instead, fix the vehicle by securing tyres. Do not bind vehicle rims separately.
- The vehicle can only be towed away from the site on the premise that there is no safety risk. If the vehicle battery pack is deformed, leaks, smoke, etc., the safety risk should be eliminated by emergency rescue personnel first.
- The hazard warning lights must be turned on when towing the vehicle.
- When using a towing ring to tow the vehicle, do not tow the vehicle for a long distance to avoid damage to the vehicle. If

long-distance transportation is required, please tow the vehicle onto a flatbed trailer.

### **i** Note!

If the vehicle is equipped with an electric tow hook, and it is necessary to tow other vehicles or be towed from the rear of the vehicle, the electric tow hook can be used to complete this operation.

### **Getting out of a trapped situation**

When your vehicle gets stuck in sand, snow, mud, etc., keeping the following procedures in mind will help you get out of the trouble:

1. Observe the area in front of and behind the vehicle to make sure there are no obstructions.
2. Turn the steering wheel left and right to rub away the sludge around the front wheels.
3. Shift into D or R gear and move the vehicle forward and backwards slowly.
4. If you cannot get out of trouble after several attempts, please seek out a professional towing service.

## **⚠ Warning!**

- When the vehicle is driven out of a pit by moving back and forth, it may suddenly rush forwards or backward. During this process, attention must be paid at all times to avoid injury or death.
- Towing requires a slow start, and acceleration shall be performed after the tow rope is tensioned to tow the trapped vehicle.

## **ℹ Note!**

You can place wood blocks, stones or other materials under the front wheels to help increase the adhesive friction.

# Emergency rescue procedures

## PPE for rescue personnel

This vehicle is driven by high voltage batteries, which may result in worse conditions such as high voltage electricity leakage, damage to battery pack, leakage of chemical liquid, etc. in the event of serious collisions. Therefore, the emergency rescue personnel should wear appropriate protective equipment to ensure personal safety when rescuing on the vehicle.

- Wear safety goggles when operating high-voltage systems.

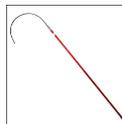
- Wear 1,000 V insulating gloves when touching high-voltage components.
- Use insulating tools when operating high-voltage components.
- Prepare insulating protective hooks.
- Prepare a fire extinguisher suitable for lithium batteries.

## **⚠ Warning!**

- A supervision mechanism should be followed when the emergency rescue personnel is operating high-voltage components. It is stipulated that one person supervises and another person operates. It is forbidden for two or more people to work simultaneously. When the operator is working, other personnel should not touch the operator.
- The emergency rescue personnel must not wear metal jewellery when performing rescue operations.



Acid and alkali resistant gloves



Insulating protective hook



Fire extinguisher



Fire blanket



High-voltage insulating gloves



Insulating cap



Safety goggles



Insulating shoes



Insulating tape



Insulating tools

### **i Note!**

The insulation tool is divided into five grades according to the heat resistance grade of the insulation material: A, E, B, F and H:

- Grade A: maximum allowable temperature  $\leq 105^{\circ}\text{C}$ ; winding temperature rise limit 60 K.
- Grade E: maximum allowable temperature  $\leq 120^{\circ}\text{C}$ ; winding temperature rise limit 75 K.
- Grade B: maximum allowable temperature  $\leq 130^{\circ}\text{C}$ ; winding temperature rise limit 80 K.
- Grade F: maximum allowable temperature  $\leq 155^{\circ}\text{C}$ ; winding temperature rise limit 100 K.
- Grade H: the maximum allowable temperature  $\leq 180^{\circ}\text{C}$ ; winding temperature rise limit 125 K.

## Release method of high-voltage system

### Manual release of MSD

1. Stop the vehicle with the shift lever engaged into P.



2. Pull twice the bonnet opening handle successively to unlock the bonnet and close all doors and boot lid.
3. Open the bonnet, remove and take out the trim panel from the bonnet.



4. Find the low-voltage MSD in bonnet and remove it, and the vehicle will deactivate the high-voltage system automatically.

### **Warning!**

- Be sure to wear appropriate personal protective equipment when touching any high-voltage components.
- It is forbidden to touch the high-voltage battery components even though the high-voltage system has been released. Be sure to wear appropriate personal protective equipment if it is necessary to operate the high-voltage battery components.
- If the damage is found in the high-voltage components, be sure to wrap the damaged parts with the insulation tapes.

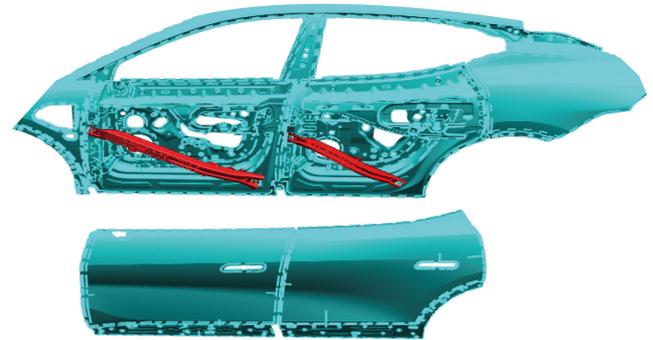
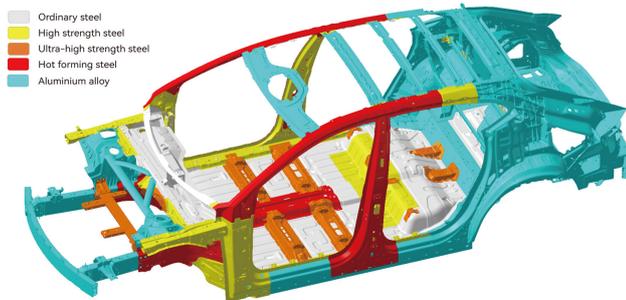
## ! Caution!

- In an emergency, cut the black harness on the MSD, and the vehicle will automatically deactivate the high-voltage system.
- In case of a vehicle collision, the high-voltage system will be automatically released.

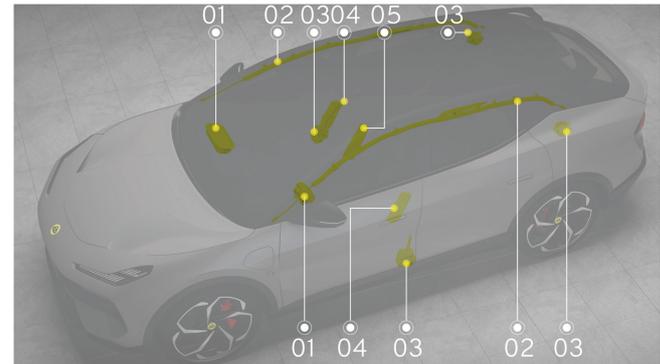
## No cutting areas

### High strength steel position

If the vehicle body needs to be cut for rescue, be sure to use the appropriate tools for cutting and wear appropriate protective equipment.



### Airbag assembly



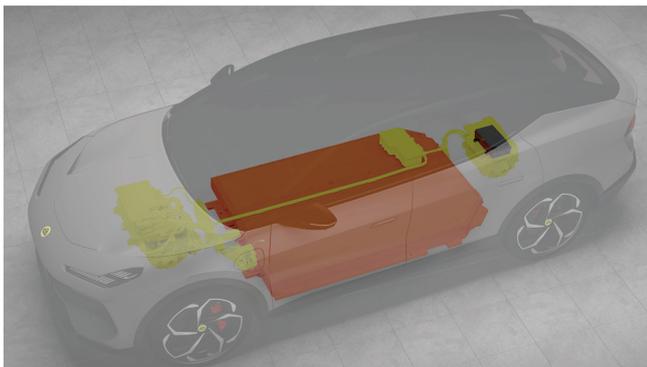
1. Front frontal airbag
2. Curtain airbag

3. Seat belt retractor
4. Front side airbag
5. Central airbag

To ensure the safety of rescuers, cutting is prohibited when the airbag is not deployed, but it can be done under the following conditions:

- When the front frontal and side airbags and curtain airbags have been deployed.
- When both LV and HV parts of the vehicle are powered off.

#### No cutting areas



When HV components or wiring harnesses are powered off.



No cutting in the high voltage battery area.



Do not cut the battery.

## Rescue of wading vehicle

The extent of damage to wading vehicles may not be obvious, but there is a risk of leakage from high voltage systems. When rescuing wading vehicles, the rescue personnel must wear corresponding protective equipment to avoid injuries or casualties caused by electric shock.

### **⚠ Warning!**

- The rescue personnel must wear appropriate protective equipment before touching high-voltage system components in water to prevent electric shock.

- After the rescue personnel remove the vehicle from the wading area, be sure to wait for the vehicle to dry completely before carrying out corresponding operations to prevent electric shock.
- 

## Rescue of vehicle or fire

When a vehicle catches fire, you should immediately determine the firing state. If the fire is small and can be contained, rescue personnel should employ an appropriate fire extinguishing method like dry powder fire extinguisher, carbon dioxide fire extinguisher, or dry sand, to contain the flames.

If the fire is large or the battery is found to be severely squeezed or bent, the rescue personnel should contain the flames with large amounts of water without a break. Meanwhile, the rescue personnel should keep surrounding combustibles away from the burning vehicle as soon as possible so as to prevent the fire from spreading.

### Warning!

---

- When the vehicle catches fire, the passengers in the vehicle should leave the vehicle as soon as possible, call the rescue telephone according to the scene situation, and inform the rescue personnel that the vehicle on fire is a pure electric vehicle equipped with high-voltage components.
- If the rescue personnel find that there are passengers in the vehicle and the door cannot be opened during rescue, they can

use sharp and hard tools to knock on the edge of the glass of the door to help the passengers trapped in the vehicle break the window to escape.

### Caution!

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Fires in high-voltage components must be extinguished using a fire extinguisher suitable for lithium batteries.

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| DATA

09





## Vehicle identification

### Vehicle nameplate



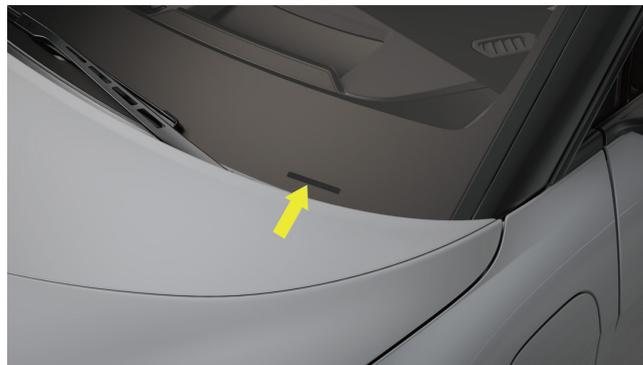
Vehicle nameplate location

The vehicle nameplate is located below the right B-pillar and can be viewed when the front right door is opened.

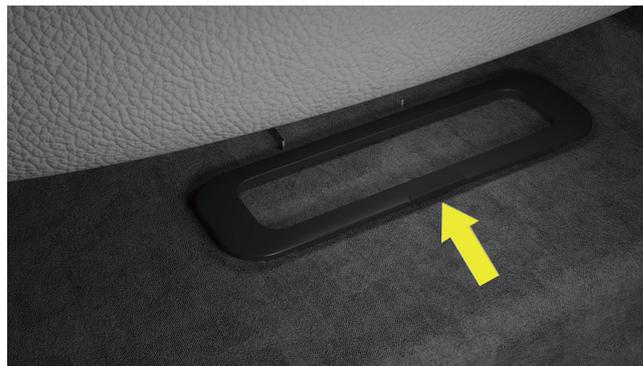
The vehicle nameplate shows vehicle-related information.

### VIN location

The VIN is the legal identification mark of a vehicle.



The VIN located in the lower left corner of the windscreen



The VIN at the cross member of the front right seat

The VIN at the cross member of the front right seat, covered by carpet, is partially removable.

VINs can also be found at the following locations:

- Left side of bonnet inner panel
- Below the B-pillar on the right
- Front right door inner panel
- Right rear door inner panel
- Right side of boot lid inner panel
- Left wheel housing side beam

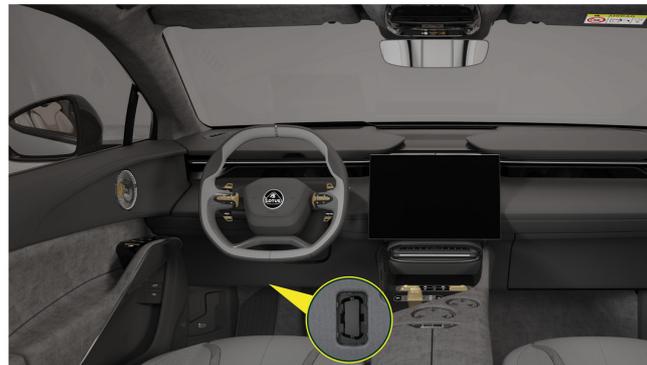
### **!** Caution!

Scratching, erasing and covering up, concealing, altering or painting the VIN is prohibited.

## How to read VIN

The VIN can be read by diagnostic tools. The specific steps are as follows:

1. Connect the On-Board Diagnostic (OBD-II) socket;



2. Contact the Lotus authorized repairer to authorize the diagnostic system for on-board diagnostic (OBD-II) sockets;
3. Start the vehicle;
4. The diagnostic system automatically reads the VIN.

### **!** Caution!

Do not connect other devices to the OBD-II socket. Unauthorized third parties may gain access to vehicle data, resulting in degraded performance of safety-related systems. Only equipment authorized by the Lotus authorized repairer is allowed to connect to OBD-II sockets.





Rear drive motor label location

## Microwave window



The microwave window is fixed horizontally in the centre, vertically upward position of the front windscreen. Information about the vehicle is stored in the microwave window. Please keep the front windscreen clean and prevent foreign objects from blocking the microwave window.

### ! Caution!

- It is forbidden to block the microwave window, otherwise it cannot be recognized by the electronic identification device outside the car.
- Avoid sticking the required traffic signs onto microwave window.

# Technical parameter

## Dimension parameters

Vehicle outline dimensions		
Length (mm)		5103
Width(mm)		2019
Height(mm)	Wheel size: R20*	1630
	Wheel size: R22*/R23*	1636

Vehicle chassis parameters		
Front track(mm)	Wheel size: R20*	1708
	Wheel size: R22*/R23*	1706
Rear track(mm)	Wheel size: R20*	1720
	Wheel size: R22*/R23*	1684
Wheelbase(mm)		3019
Front overhang(mm)		980

Vehicle chassis parameters	
Rear overhang (mm)	1104

## Performance parameters

Performance parameters		
Front electric engine model	TZ230XS225	TZ230XS225
Rear electric engine model	TZ230XS225	TZ264XY000
Maximum design speed (km/h)	258	265
Maximum climbing degree	40%	40%

## Weight parameters

Vehicle mass parameters						
Vehicle name	Vehicle model	Seat capacity (person)	Vehicle unladen mass (kg)	Unladen mass (maximum)	Maximum total mass (kg)	
					Front axle	Rear axle

Vehicle mass parameters						
				total mass (kg)		
ELETRE BASE	LBMESEL 1C50000	5	2565	2980	1470	1730
	LBMESEL 1C50010	5				
ELETRE S	LBMESEL 1C51020	4	2615	3100	1470	1810
	LBMESEL 1C41020	5				
	LBMESEL 3C51030	4	2645			
	LBMESER 3C41030	5				
	LBMESEL 1C51040	4	2595			
	LBMESEL 1C41040	5				
	LBMESEL 3C51050	4	2625			
	LBMESEL 3C41050	5				

Vehicle mass parameters						
ELETRE R	LBMESEL 1C52161	4	2715	3150	1470	1850
	LBMESEL 1C42161	5				
	LBMESEL 3C52171	4	2745			
	LBMESEL 3C42171	5				
	LBMESEL 3C52181	4	2725			
	LBMESEL 3C42181	5				

## Drive motor parameters

Drive motor parameters		
Motor type	TZ230XS225	TZ264XY000
Driving type	4x4(Full-time driver)	4x4(Full-time driver)
Rated power (kW)	70	180
Rated speed (rpm)	5,000	8,595

Drive motor parameters		
Rated torque (N.m)	135	200
Peak power(kW)	225	450
Rated speed (rpm)	17,000	14,000
Peak torque (N.m)	355	630

## High voltage battery parameters

High voltage battery parameters	
Types	Ternary lithium ion battery
Total storage capacity (kWh)	112
Rated voltage (V)	708
Rated capacity (Ah)	158
Cell dimension (mm)	(44.22±1) x (203.33±1) x (117.96±1)
Cell weight (kg)	2.45
Outline dimension of assembly (mm)	2208 x 1554 x 155
Assembly weight (kg)	665

## Seat parameters

5 seats			
Item	Front seat adjustment	Rear middle seat adjustment	Rear side seats adjustment
Set seat fore and aft position (mm)	Adjust forward by 202.8, and adjust backward by 57.2	Not adjustable	Not adjustable
Set backrest angle status (°)	Fold forward by 28, and adjust backward by 45	Fold forward by 95, and adjust backward by 7	Fold forward by 95, and adjust backward by 7
Seat headrest adjustment (mm)	Adjust up by 40	Adjust up by 64.5	Adjust up by 64
Set seat height position (mm)	Adjust up by 32.5, and adjust down by 32.5	Not adjustable	Not adjustable
Set seat cushion tilt angle status (°)	Adjust up by 5.2, and adjust down by 5.4	Not adjustable	Not adjustable

4 seats*		
Item	Front seat adjustment	Rear side seats adjustment
Set seat fore and aft position (mm)	Adjust forward by 202.8, and adjust backward by 57.2	Adjust forward by 60
Set backrest angle status (°)	Fold forward by 28, and adjust backward by 45	Fold forward by 26.7, and adjust backward by 10
Seat headrest adjustment (mm)	Adjust up by 40	Adjust up by 40
Set seat height position (mm)	Adjust up by 32.5, and adjust down by 32.5	Not adjustable
Set seat cushion tilt angle status (°)	Adjust up by 5.2, and adjust down by 5.4	Adjust up by 5.2, and adjust down by 5.4

## Wheel alignment parameters

Wheel alignment parameters		
Front wheel	Wheel camber (°)	-36±25
	Inclination angle (°)	4.8±3

Wheel alignment parameters		
	Back inclination angle of kingpin (°)	4.9±0.6
	Inside steer angle (°)	40.6±2
	Outside steer angle (°)	32.8±2
Rear wheel	Wheel camber (°)	-45±20
	Inclination angle (°)	13±3

## Rim and tyre specifications

Rim and tyre specifications							
Specification		F:255/50 R20	R:285/45 R20	F:275/40 R22*	R:315/35 R22*	F:275/35 R23*	R:315/30 R23*
		Pressure (bar)	Half load	2.8	2.8	2.6	2.6
Fully loaded	3.0		3.0	2.8	3.0	3.1	3.4
Wheel rim		8.5J × 20	9.5J × 20	9.0J × 22	11.0J × 22	9.0J × 23	11.0J × 23

Rim and tyre specifications							
Wheel dynamic balance(inner/outer residual unbalance) (g)	Inner side of front wheel	≤10	≤10	≤10	≤10	≤10	≤10
	Outer side of front wheel	≤10	≤10	≤10	≤10	≤10	≤10
	Inner side of rear wheel	≤10	≤10	≤10	≤10	≤10	≤10
	Outer side of rear wheel	≤10	≤10	≤10	≤10	≤10	≤10

Rim and tyre specifications						
Wheel offset	ET32	ET30	ET33	ET48	ET33	ET48

### Caution!

Due to differences in wheel assembly, do not change the position of any wheel assembly to avoid vehicle damage or accidents. For replacement, please go to a Lotus authorised repairer.

## Braking parameters

Braking parameters			
Braking system (named after current number of caliper pistons)	4-piston braking system	6-piston braking system*	10-piston braking system*
Type	Hydraulic braking	Hydraulic braking	Hydraulic braking
Assist type	Electric assist	Electric assist	Electric assist

Braking parameters			
Brake pedal free travel (mm)	≤20	≤20	≤20
Standard thickness of front brake disc (mm)	34	40	40
Minimum safe thickness of front brake disc (mm)	32	38	When the carbon content is below the minimum value indicated on the part, replace the brake discs
Standard thickness of rear brake disc (mm)	29	29	32
Minimum safe thickness of rear brake disc (mm)	27	27	When the carbon content is below the minimum value indicated on the part, replace the brake discs

Braking parameters			
Standard thickness of front brake pad (excluding steel back) (mm)	About 8.2	About 8.6	About 12.2
Minimum safe thickness of front brake pad (excluding steel back) (mm)	2.7	2.7	3.2
Standard thickness of rear brake pad (excluding steel back) (mm)	About 9.5	About 9.5	Service brake pads: About 11
			Parking brake pad: About 5.5
Minimum safe thickness of rear brake pad (excluding	2.7	2.7	Service brake pads: 3
			Parking brake pad: 1.7

Braking parameters			
steel back) (mm)			
Parking brake type	Electronic parking brake (EPB)	Electronic parking brake (EPB)	Electronic parking brake (EPB)

Fluid specification and capacity			
		10-piston braking system*	750±30ml

## Fluid specification and capacity

Fluid specification and capacity			
Name	Model		Filling amount
Transmission lubricant	TOTAL F20-03863K		1L
Drive motor lubricant	Shell E-Fluids E6 i DHTF		2.8±0.1L(Transmission side);2.2±0.1L(Drive motor side)
coolant	OAT(-40°C)		16L
A/C refrigerant	R-1234yf		900±20g
Brake fluid	DOT4	4-piston braking system/6-piston braking system*	850±30ml

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