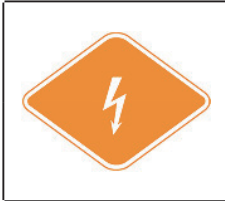




INFORMATION FOR FIRST AND SECOND RESPONDERS
EMERGENCY RESPONSE GUIDE FOR VEHICLE



Leapmotor T03

Electric vehicle



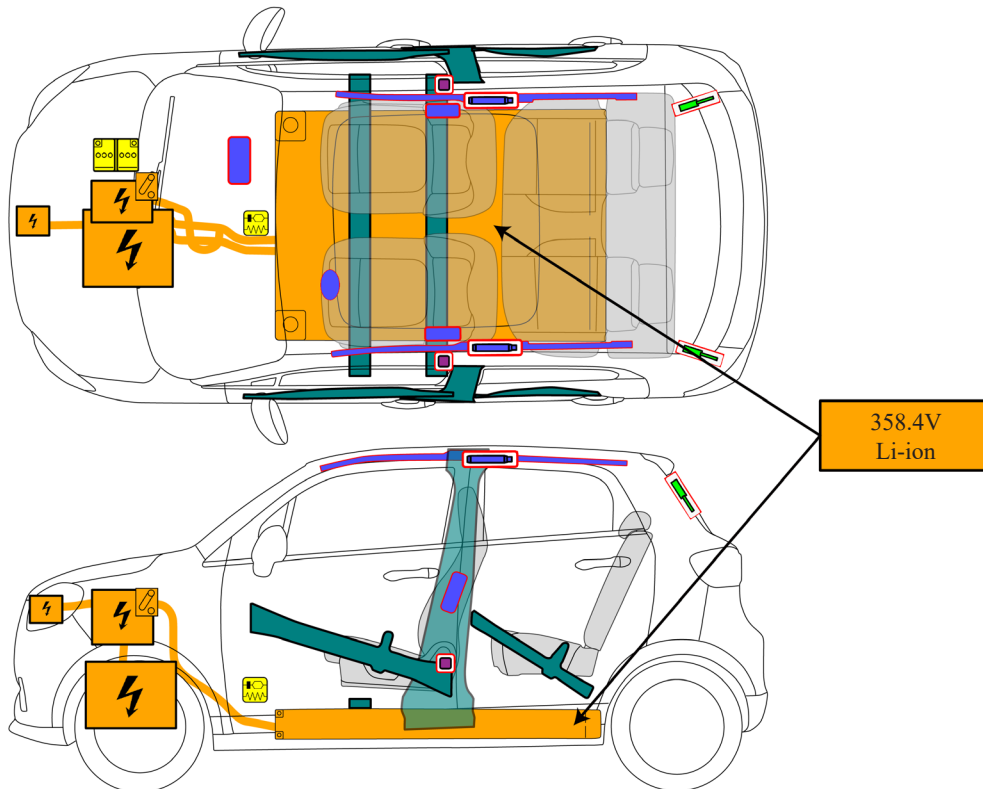
Catalogue

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Leapmotor T03

5 doors, 4 seats, hatchback
2024-



	Airbag		Stored gas inflator		Seat belt pretensioner		SRS control unit
	Battery low pressure		Gas strut / Preloaded spring		High strength zone		High-voltage component
	High voltage power cable		High voltage device that disconnects high voltage		Battery pack, high-voltage		



Leapmotor T03

2024-

Document number

Leapmotor-2024-001

Version No.

01

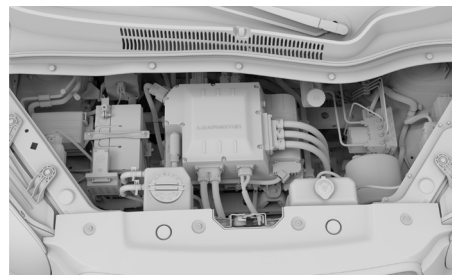
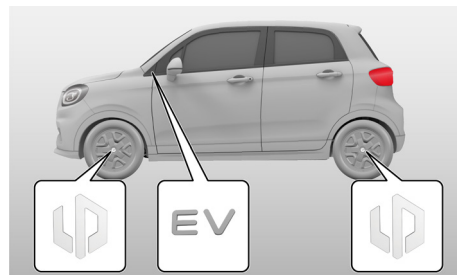
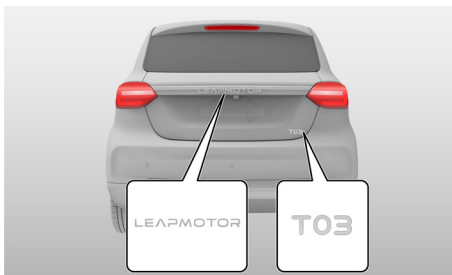
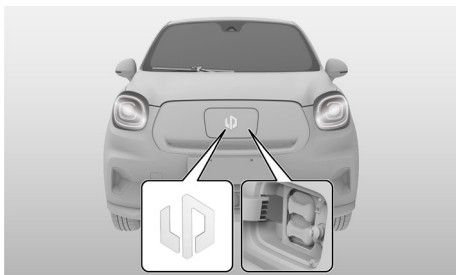
1. Identification / recognition



LACK OF ENGINE NOISE DOES NOT MEAN VEHICLE IS OFF. SILENT MOVEMENT OR INSTANT RESTART CAPABILITY EXISTS UNTIL VEHICLE IS FULLY SHUT DOWN. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

Appearance identification

Leapmotor T03 can be identified through the vehicle LOGO, EV identification, and the vehicle model identification on the liftgate.



Vehicle identification number (VIN)

Leapmotor T03 can be identified through the vehicle identification code (VIN). The VIN is located on the sheet metal cross beam at the left lower side of the front windshield (pasted).

The VIN is the vehicle's identity code, which is unique, consisting of 17 characters, including information such as manufacturing country, manufacturer, year, vehicle feature code, etc.

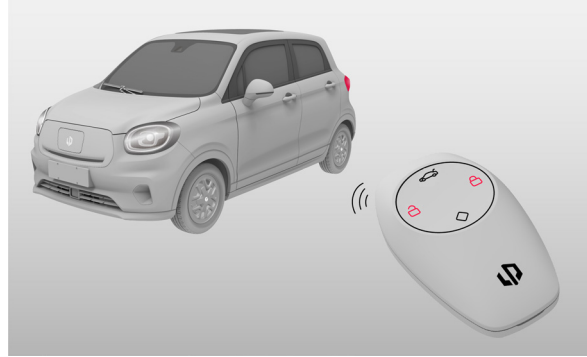
The VIN can also be found in various locations such as the left shock tower (pasted), front part of the bonnet inner panel (pasted), motor housing arc surface (pasted), left front door sheet metal (pasted), liftgate inner panel (pasted), right front door sheet metal (pasted), right rear wheel housing inner panel (pasted), and floor cross beam under the right front seat (engraved).



Vehicle key

Leapmotor T03 has three types of keys:

- **Remote Key** - The vehicle can be unlocked/locked through the remote key's unlock/lock button.

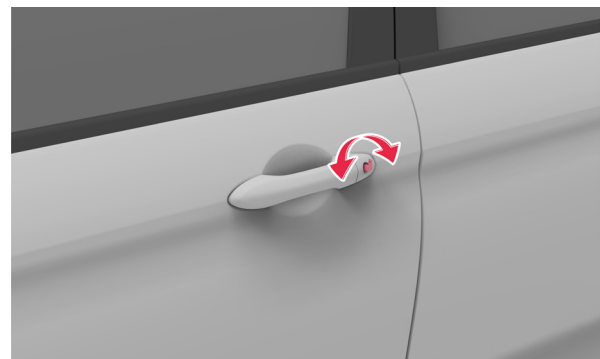
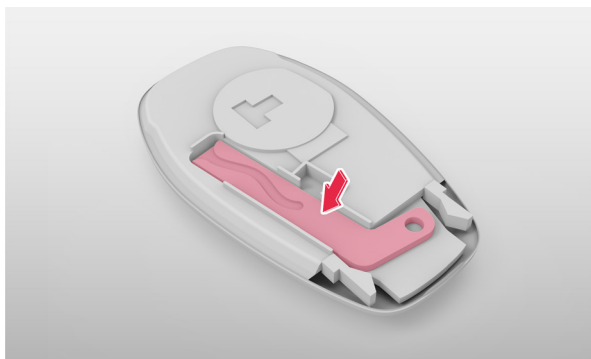


- **Cell Phone Bluetooth Key** - The vehicle can be unlocked/locked at close range through the Bluetooth key integrated into Leapmotor App. Before using the Bluetooth key, the cell phone must establish a Bluetooth connection with the vehicle and complete authentication. For details, please refer to the *User's Manual*.



- **Mechanical Key** - If the remote key and cell phone Bluetooth key cannot unlock/lock the door, use the mechanical key to unlock/lock the driver side door.

1. The mechanical key is inside the remote key. Use a suitable tool to gently slide along the notch at the bottom of the remote key toward the outer edges on both sides, pry up and remove the bottom cover of the remote key, then remove the mechanical key.
2. Insert the mechanical key into the left front door keyhole and turn the key: Turn the key clockwise to unlock the door; turn the key counterclockwise to lock the door.



2. Immobilisation / stabilisation / lifting

Immobilisation

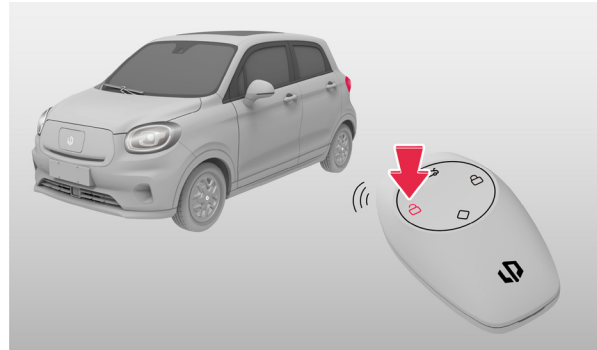
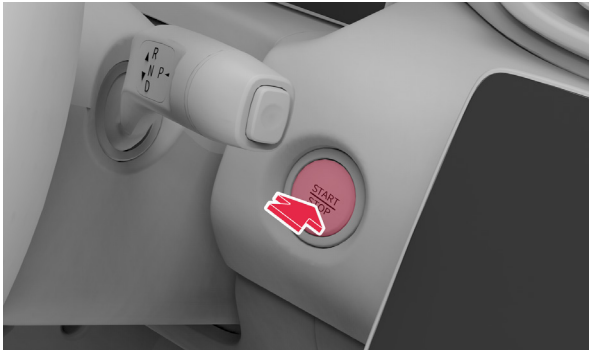
1. Vehicle parking

- ① Depress the brake pedal to bring the vehicle to a smooth stop, then switch to the P gear, the P gear indicator on the instrument panel will light up.
- ② Pull the electronic parking brake switch to apply parking brake.



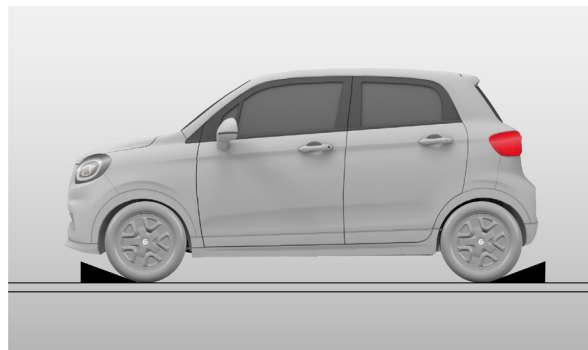
2. Confirm vehicle ON/OFF

Press the push-button start button, the vehicle power supply switches to ON1 status, and the vehicle can be powered off by locking the vehicle from outside.



3. Fixing the wheels

After parking the vehicle, place wedges in front of and behind all four wheels to effectively prevent accidental movement of the vehicle.



Be careful not to damage the traction battery when stabilizing the vehicle!

Stabilizing / lifting points

The traction battery of Leapmotor T03 is located under the vehicle base plate, occupying most of the space under the vehicle. When lifting the vehicle, only the designated lifting areas (green areas) can be used.



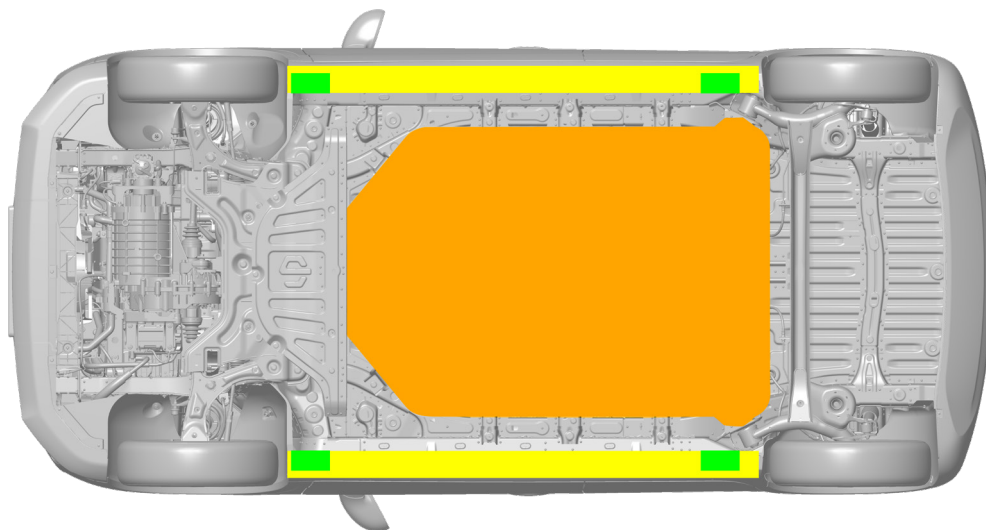
Be careful not to damage the traction battery when stabilizing/lifting the vehicle!



Only professional staff wearing professional equipment and familiar with the lifting points of the vehicle can lift the vehicle. Handle with care during lifting to ensure that there is no contact with the traction battery or other high-voltage components when lifting/lowering the vehicle!



Do not use the area where the traction battery is installed for lifting operations!

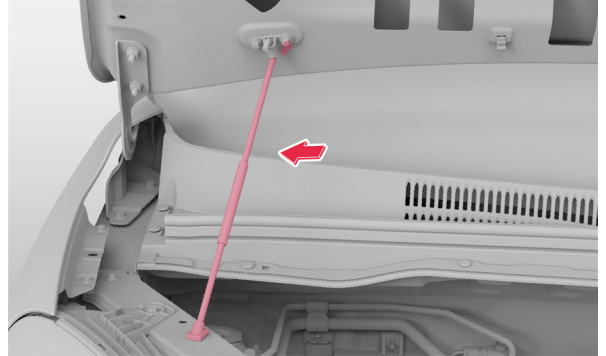
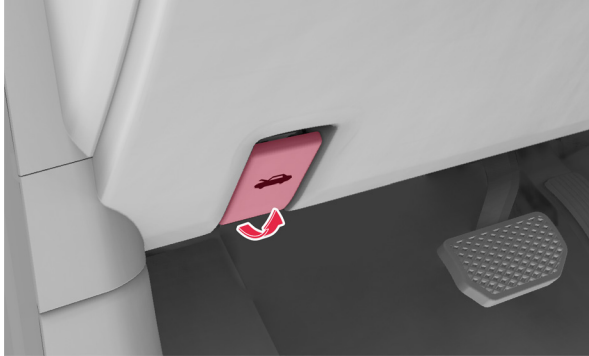


	Safe lifting point
	Side safety lifting point
	Traction battery

3. Disable direct hazards / safety regulations

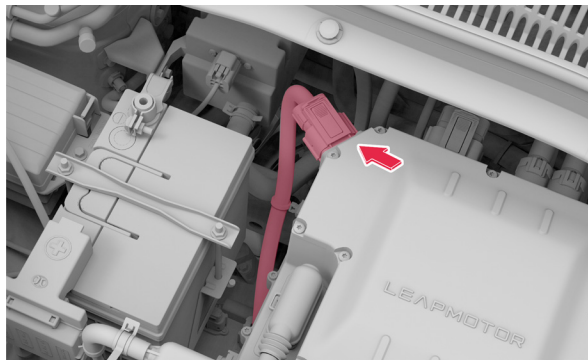
Emergency cut off high voltage power

The bonnet release handle is located on the lower left side of the instrument panel. Pull the bonnet release handle twice, the bonnet "clicks" twice and pops open. Lift the bonnet and support it with the strut.



Main cut-off method

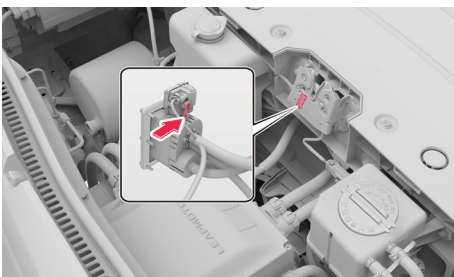
After opening the bonnet, disconnect the high-voltage connectors as shown in the figure.



Wear appropriate PPE (rubber insulating gloves/insulated rubber shoes/tools with insulating protective sleeve/goggles). Do not attempt to open the traction battery!

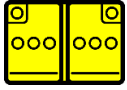


Emergency unlocking of AC slow charger



If the charger cannot be unplugged after multiple unlocking, you can try unplugging the charger through the manual unlocking switch:

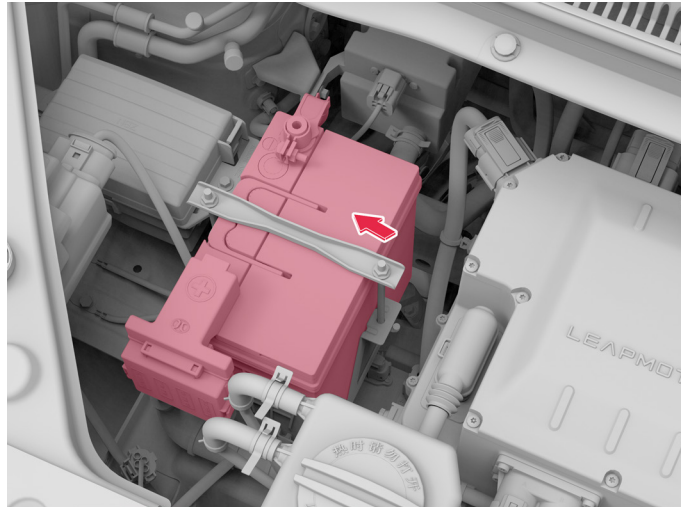
1. Open the bonnet, a charger manual unlocking switch is set on the inside of the front bumper.
2. Toggle the charger manual unlocking switch and try to unplug the charger.



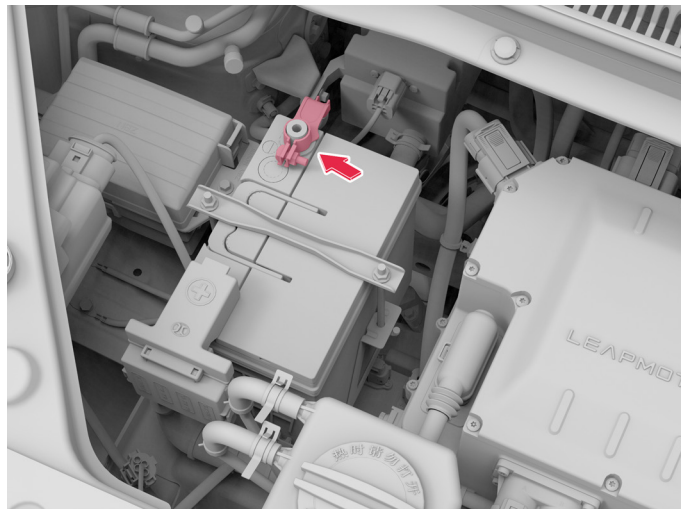
Battery low pressure

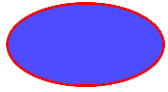
The low-voltage 12V battery is located in the front compartment, and the battery should be installed correctly and securely fixed with a battery pressing plate.

The fixing clamps for the poles of the low-voltage battery should be installed securely and in good contact to prevent sparks and fires.



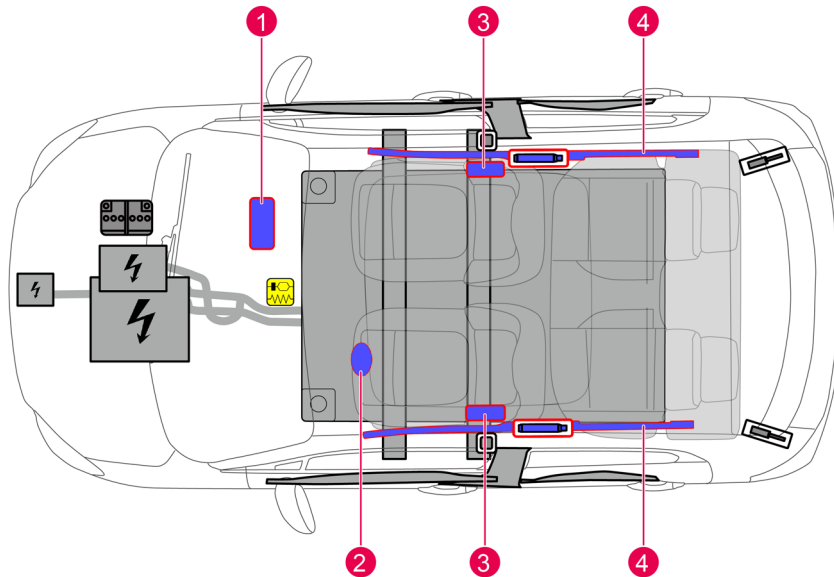
Vehicle power cutoff: Open the bonnet, use tools to loosen the nut fixing the negative pole of the battery, unplug the low-voltage battery negative cable, and disconnect the low-voltage battery power.





Airbag

The airbag is located in the approximate area shown in the diagram below. The airbag warning information is printed on the front passenger sun visor.



- ① Front passenger frontal airbag
- ② Driver frontal airbag
- ③ Front-row side airbag
- ④ Side curtain airbag

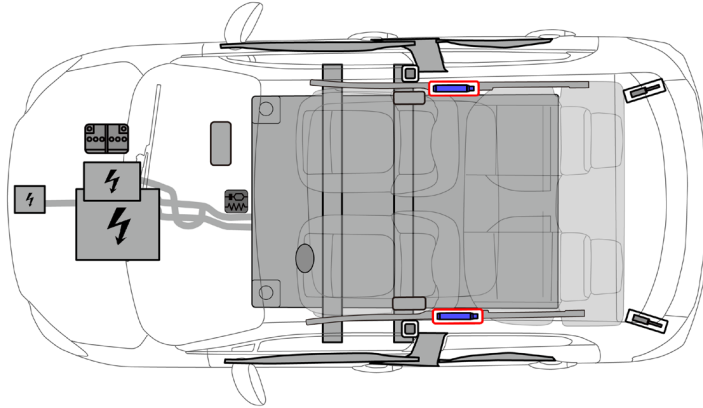
When the airbag is deployed by the SRS control unit, a fuse that disables the vehicle's high-voltage system will also be triggered.

When the airbag deploys, all high voltage components and cables except for the traction battery will lose high voltage. Caution! Do not cut off any orange high-voltage harness or attempt to restart the battery pack. Even if the high-voltage system is shut down due to the deployment of the airbag, it must be assumed that there may still be high-voltage power in all high voltage components and power cables. The traction battery units inside the battery pack are used to store energy and must not be damaged by rescue tools.



Stored gas inflator

The stored gas inflator (marked in red) is located near the roof at both ends of the B-pillars.



Rescue personnel must not cut off or squeeze the stored gas inflator, as this may cause serious damage, leading to injury or death.

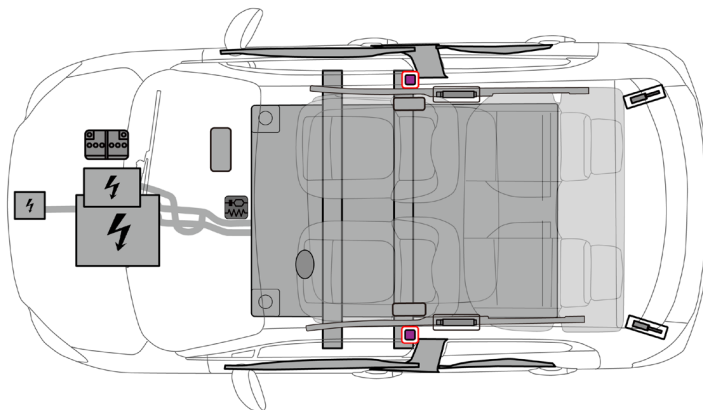


The SRS control unit has a backup power supply that discharges in approximately 10s. Do not touch the SRS control unit within 10s after the airbag or pretensioner deploys.



Seat belt pretensioner

The seat belt pretensioner is located at the bottom of the B-pillars.



After a collision, the electrical and mechanical releasing may be damaged.

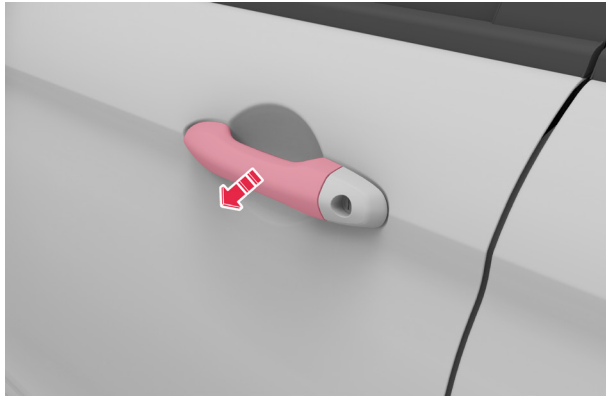


4. Access to the occupants

After a collision, the liftgate may not be opened from the outside. Emergency opening from the inside is required.

Open doors from the outside

When the vehicle is unlocked, pull the door outer handle to open the door.



If the vehicle is not powered on and the remote key cannot be used to unlock, use the mechanical key to open the driver side door. Refer to "vehicle key - mechanical key".

Open doors from the inside

When the vehicle is unlocked, pull the interior handle to open the corresponding door.

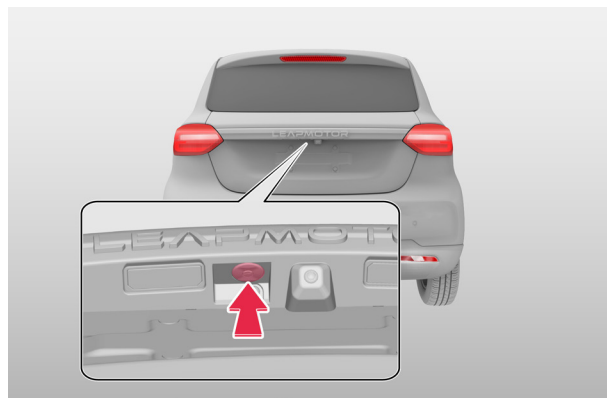




Boot

Use the following methods to open the boot:

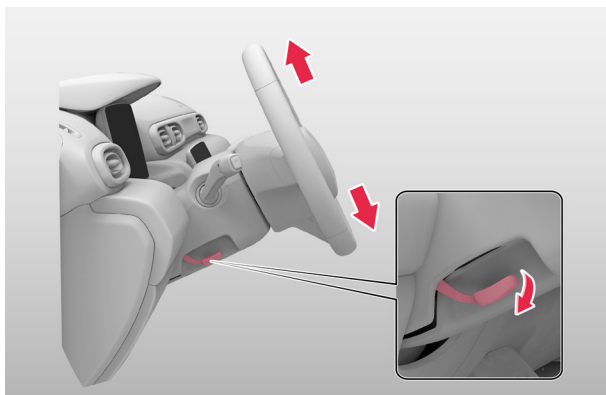
1. On the bottom bar of the infotainment screen, touch the boot open button for more than 2s until a "click" sound is heard when liftgate is unlocked, then the boot is opened.
2. Within the effective distance of the remote key, press and hold the boot open button on the remote key for more than 2s until a "click" sound is heard when the liftgate is unlocked, then the boot is opened.
3. When the vehicle is unlocked and stationary, press the liftgate switch. When you hear a "click" sound when the liftgate is unlocked, the boot is opened.



Steering wheel, tilt control

The steering wheel adjustment handle is located under the steering column shield. Adjustment method:

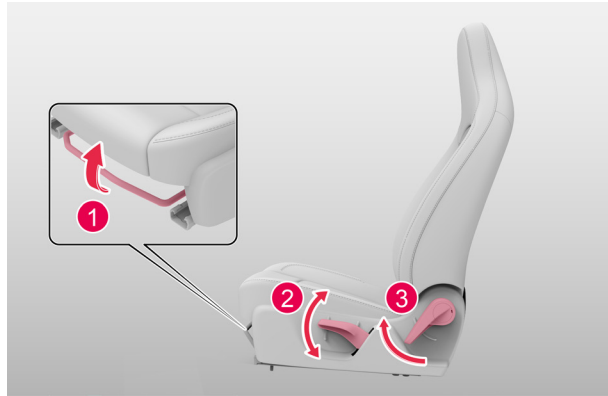
1. Push the steering wheel adjustment handle downward.
2. Hold the steering wheel tightly with both hands and adjust the steering wheel up and down to the appropriate position.
3. After proper adjustment, push back the steering wheel adjustment handle and lock the steering wheel.
4. Move the steering wheel up and down to confirm that the steering wheel is securely locked.





Seat adjustment, longitudinal / Seat height adjustment

Leapmotor T03 is equipped with a driver seat that can be adjusted in 6 directions and a front passenger seat that can be adjusted in 4 directions. The seat adjustment methods are as follows:



Seat front and rear adjustment: Pull up the adjustment lever ❶, then lean against the seat, slide the seat to the desired position, and release the adjustment lever.

Seat height adjustment (driver seat only): Pull up the handle repeatedly ❷ and the seat will gradually rise. Press the handle down repeatedly and the seat will gradually lower.

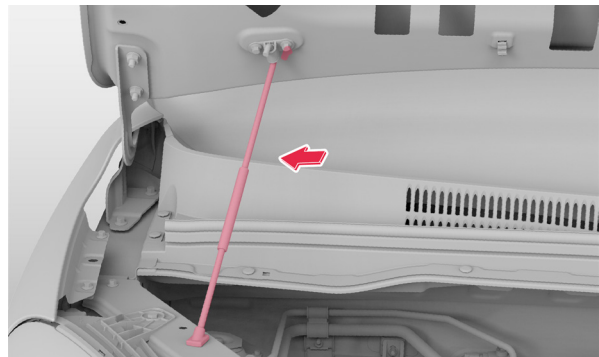
Seat backrest angle adjustment: Pull up the handle ❸ repeatedly, and press your back against the backrest to tilt forward or backward, adjust the backrest to the desired position, and release the handle.

When performing passenger rescue, always check the rear seat area for passengers to avoid missing anyone.



Bonnet

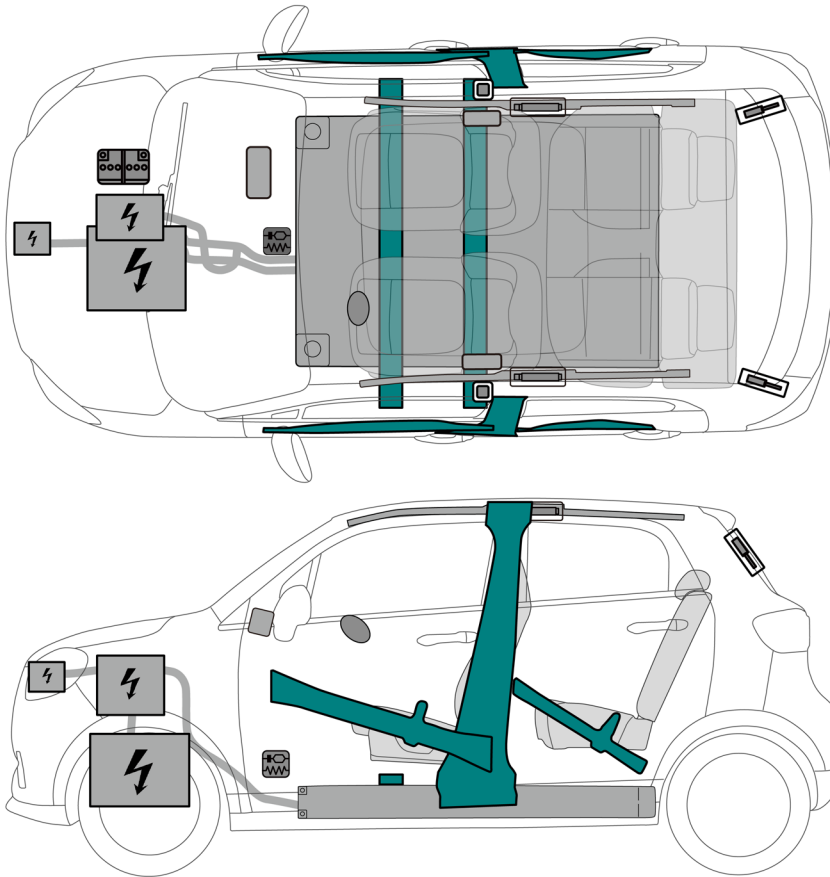
The bonnet release handle is located on the lower left side of the instrument panel. Pull the bonnet release handle twice, the bonnet "clicks" twice and pops open. Lift the bonnet and support it with the strut.





High strength zone

Leapmotor T03 has been reinforced to protect occupants in collisions. The high strength zone is indicated in blue below. Use appropriate tools to cut these areas during rescue.





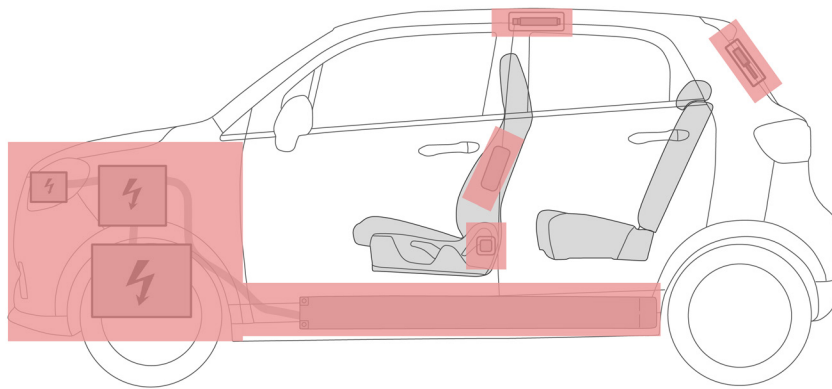
When cutting Leapmotor T03, be sure to use the appropriate tools, such as a hydraulic cutting machine, and wear proper personal protective equipment. Failure to follow these instructions may result in serious injury or death.



Regardless of the tool used, always assume all high voltage components are live! Cutting, crushing, or contacting with high voltage components can result in serious injury or death.

Vehicle cutting area

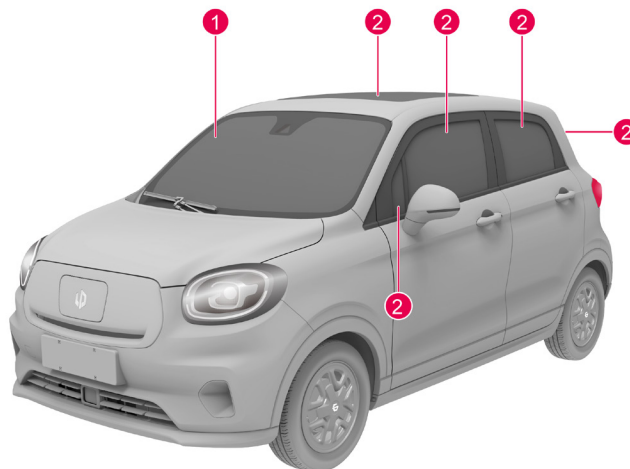
Due to the presence of high voltage, stored gas inflators, gas springs, and other hazardous units, some areas are defined as "Prohibited cutting area". Cutting or crushing in these areas is prohibited. As this may result in serious injury or death. The "Prohibited cutting area" is indicated in pink.



: Prohibited cutting area.

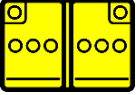
Glass type

The front windshield is laminated glass, while the rest are tempered glass.



- ① Laminated glass
- ② Tempered glass

5. Stored energy / liquefied petroleum gas / gases / solids

	  	12V
	     	358.4V
	 	475 ± 20g



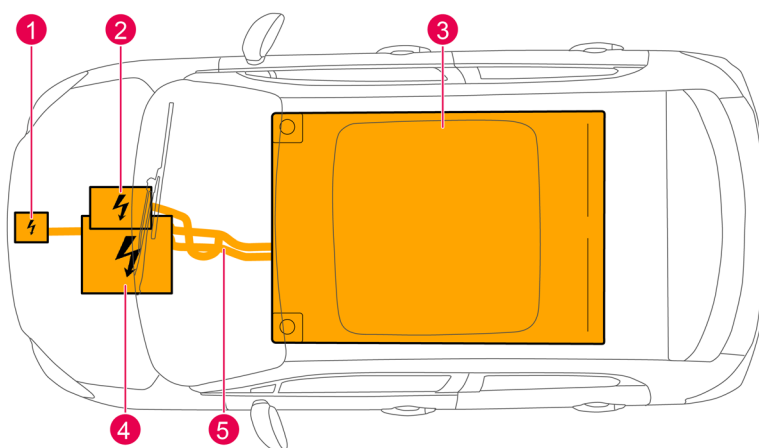
When the coolant leaks from a battery pack, it can become unstable, posing a risk of thermal runaway. Check the battery pack temperature with a thermal infrared camera.



If the vehicle is involved in a crash that results in the leakage of traction battery liquid, it should be handled by a professional rescuer, who must wear the correct personal protective equipment and never touch the liquid directly.



High-voltage component



- ① Charging port
- ② Controller
- ③ Traction battery
- ④ Drive motor
- ⑤ High voltage power cable

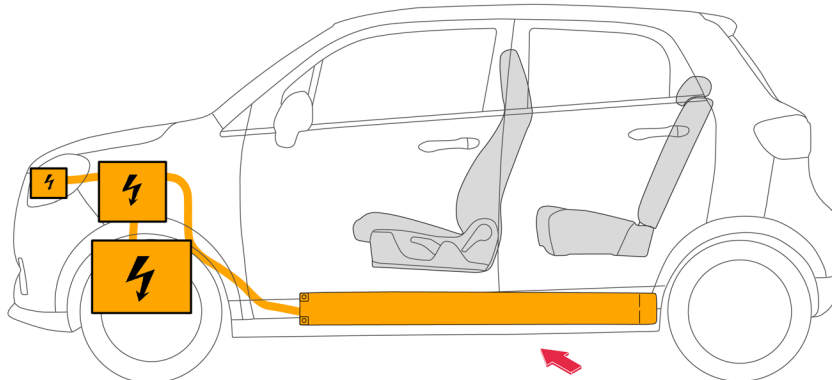


Battery pack, high-voltage

Leapmotor T03 is equipped with a 358.4V Li-ion battery. Do not touch the liquid leaking from the traction battery (if any). Do not touch the liquid leaking from the traction battery (if any).

Do not damage the traction battery when lifting the vehicle from the underside. Be especially careful not to damage the chassis when using rescue tools.

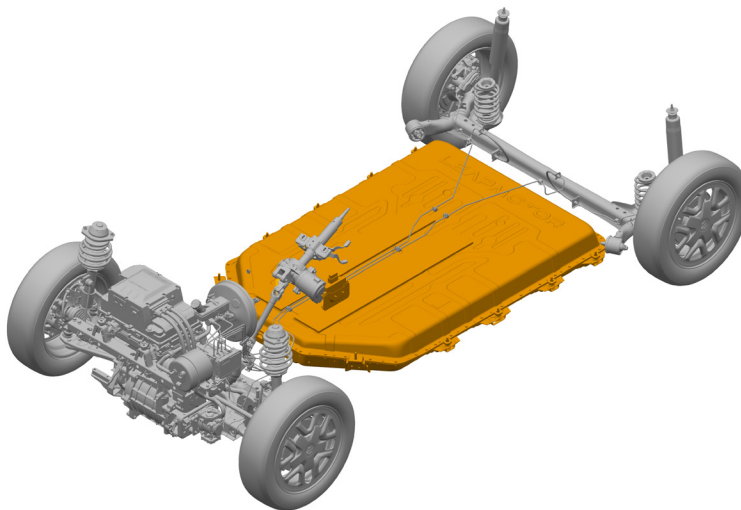
Please refer to Chapter 2 for instructions on how to properly lift the vehicle.



Vehicle chassis

The traction battery is located under the base plate. Do not squeeze the chassis area, as this may damage the traction battery or high-voltage power cables, leading to serious injury or death.

Rescue tools should never be used on the traction battery.

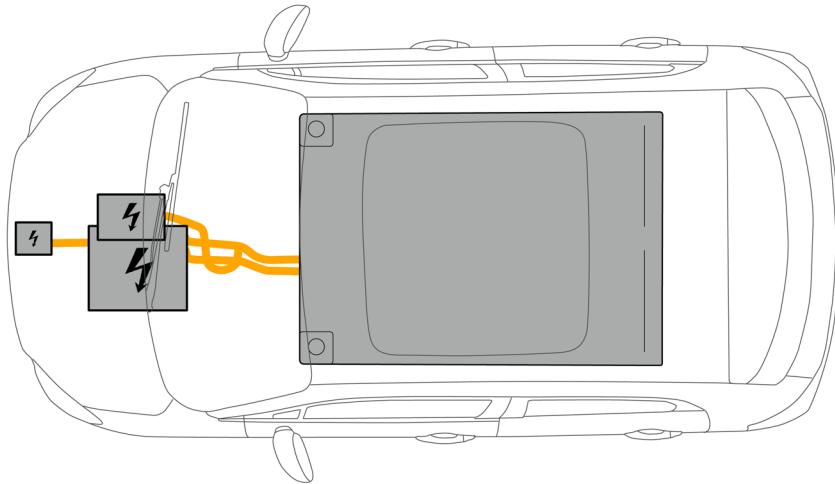




High voltage power cable

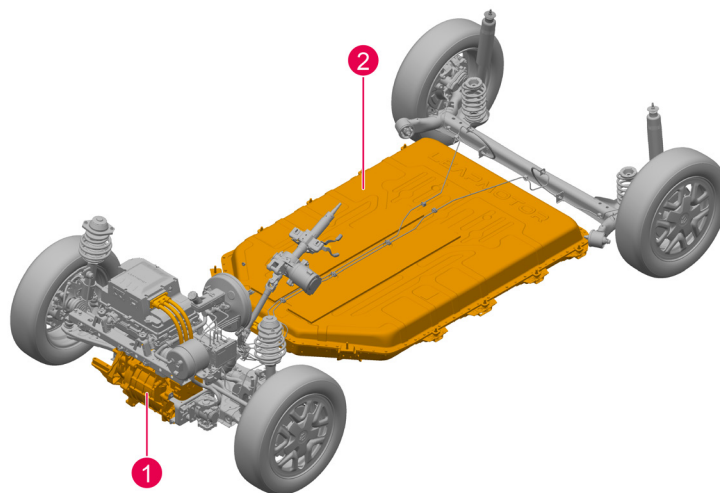
High voltage power cables are indicated in orange-yellow. Rescue tools must not damage these high-voltage power cables.

At no time should any high-voltage power cable be damaged by rescue tools. It should be assumed that high voltage is present in orange-yellow high-voltage power cables at all times.

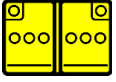


Drive motor

The drive motor is located between the front wheels. The drive motor converts the DC from the traction battery into AC for driving the wheels.

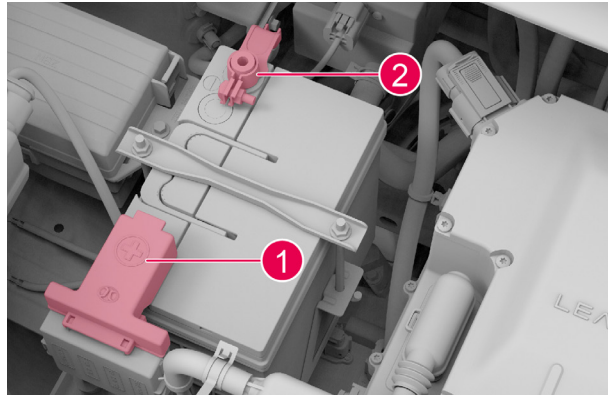
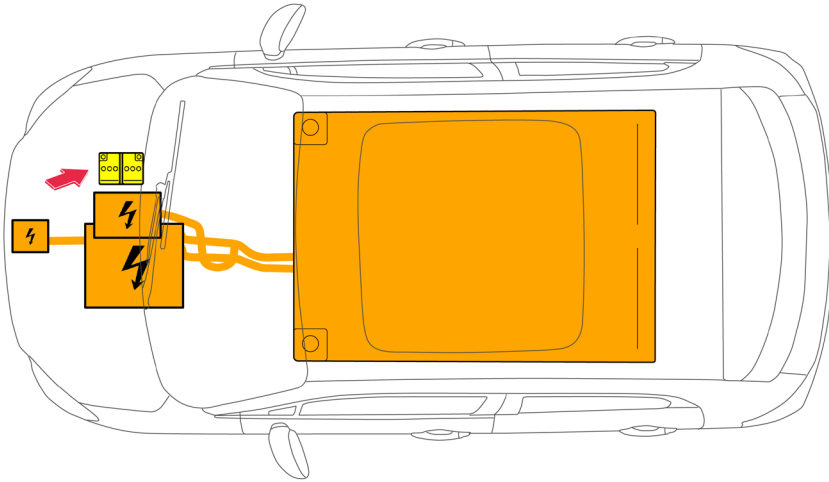


- ① Drive motor
- ② Traction battery



Battery low pressure

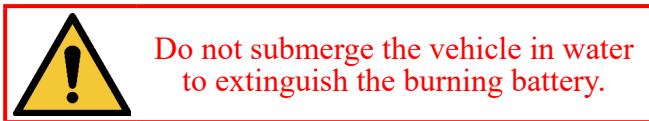
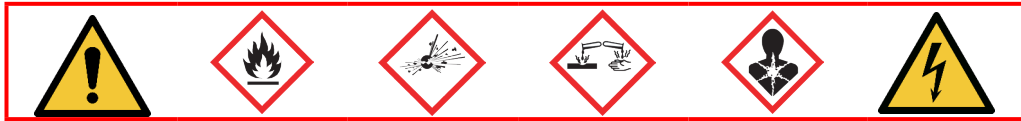
In addition to the high-voltage system, Leapmotor T03 also has a low-voltage electrical system. Its low-voltage battery powers the supplemental restraint system, SRS, windows, door locks, infotainment screen, and lights. The high-voltage system charges the low-voltage battery, which powers the high-voltage contactor to allow high-voltage current to flow in or out of the traction battery.



- ① Battery positive
- ② Battery negative terminal

6. In case of fire

Fire extinguishing



Do not submerge the vehicle in water to extinguish the burning battery.



Use water to extinguish the fire.



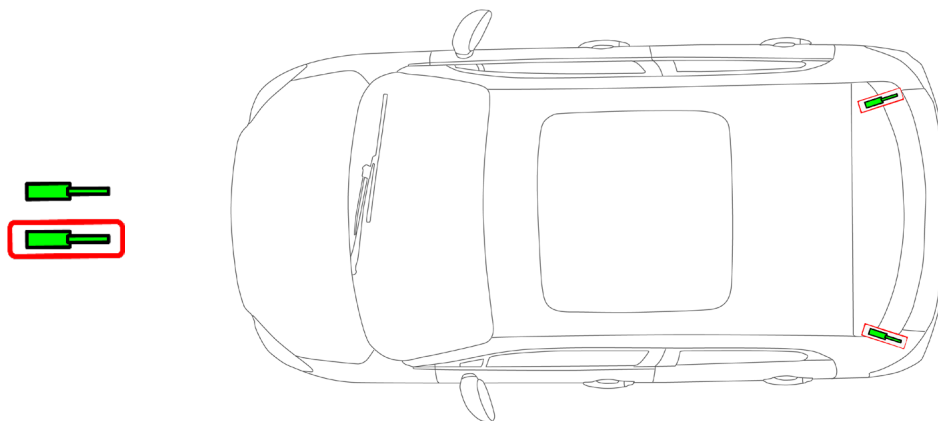
TRACTION BATTERY REIGNITION!

Monitor the temperature of the traction battery for at least 24 hours.



Use water to extinguish traction battery fires. If the battery is on fire, overheating, or generating heat or gas, use a large amount of water to cool the battery. If water is not available, use other typical fire extinguishing agents such as carbon dioxide, foam, etc. (do not use dry powder fire extinguishers).

Explosive risk for gas strut / Preloaded spring!



Leapmotor recommends using a thermal imager or infrared (TIC or IR) to monitor the battery temperature during the cooling process.

Use typical vehicle fire-fighting procedures to extinguish small fires that do not involve the traction battery.

During the extinguishing process, do not touch high-voltage components. Insulating tools should be used when extinguishing fires.



Heat and flame can endanger the airbag, gas storage cylinders, gas spring, and other components that may accidentally overheat, leading to explosions.



Use thermal infrared camera

After all flames and smoke are significantly weakened, a thermal imaging camera can be used to measure the temperature of the traction battery and monitor the heating or cooling trend. The vehicle can only be handed over to the second responder (e.g. law enforcement, vehicle transport personnel, etc.) after the traction battery has been without fire, smoke, or heat for at least one hour. Before handing over the vehicle to the second responder or leaving the incident scene, the traction battery must be completely cooled down. Be sure to inform the second responder of the reignition risk of the traction battery.

Damaged Leapmotor T03 traction battery in flooding, fire, or collision should be stored in an open area at least 50ft (15m) away from any exposed materials due to the risk of reignition.



In the event of a fire, assume the entire vehicle is energized. Be sure to wear full personal protective equipment, including a self-contained breathing apparatus.

Traction battery - fire damage

Both the traction battery and the drive motor are liquid-cooled using a coolant. Do not touch the liquid leaking from the traction battery (if any).



Damaged traction battery can cause the battery pack to heat up quickly. If there are smoke, steam, or popping or "hissing" sounds coming from the traction battery, assume that the traction battery is heating up and take appropriate measures as mentioned above.



Burning batteries can release overheated gases and toxic vapours. This may include volatile organic compounds, hydrogen gas, carbon dioxide, carbon monoxide, soot, and particles containing nickel, aluminium, lithium, copper, cobalt, and hydrofluoric acid. Emergency personnel should always use full personal protective equipment (including SCBA) to protect themselves and take appropriate measures to protect others from the incident.

7. In case of submersion

The vehicle poses a higher risk of electric shock when submerged in water. When dealing with any submerged vehicle, wear appropriate personal protective equipment for water rescue.

Due to the potential risk of traction battery fire, extra caution should be taken when dealing with submerged vehicles. Emergency personnel should be prepared to deal with the potential fire risk.

Raise the front of the vehicle to allow water to drain from the vehicle and traction battery. After removing the vehicle from the water, safely cut off high voltage power as outlined in Chapter 3 "emergency cut off high voltage power".



Be sure to wear full PPE. Handling a submerged vehicle without appropriate personal protective equipment may result in serious injury or death.

8. Towing / transportation / storage

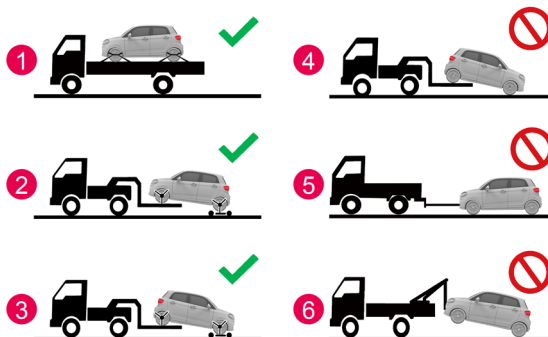
The motor of Leapmotor T03 can generate power when the wheels are rotating. During transportation, all four tires must be off the ground. Ensure that the tires do not slip at any time during transportation.



Do not place the tires in a position where they can rotate during transportation. Doing so will result in serious damage and overheating. In rare cases, extreme overheating may cause surrounding units to catch fire.



Beware of battery reignition! After a fire, keep a safe distance outdoors from other vehicles and buildings (50ft/15m).



When the vehicle needs to be towed, it should be performed by a professional towing company. It is recommended to tow the vehicle with a flatbed truck. If the conditions are not sufficient, the vehicle can also be towed by a wheel-lifting cargo truck as needed.

Use the towing methods ① ② ③ shown in the picture, and do not use the dragging methods ④ ⑤ ⑥ shown in the picture. The towing methods can only be used for straight-line towing or on road surfaces without sharp turns. During the towing process, no one is allowed to stay in the vehicle. For long-distance transportation, use towing method ① .

When the towing vehicle cannot enter for rescue, other vehicles can be temporarily used for towing rescue. Disconnect the high voltage of the vehicle, put the gear in N gear, and release the parking brake. The towing speed should be less than 30km/h, the towing distance should be less than 2km (the interval between each towing should be more than 5min). After the vehicle is towed to a position where the towing vehicle can be used, towing should be carried out using towing method ① .

If a flatbed truck cannot be used to tow the vehicle normally, the rigid connection method can be used to urgently tow the vehicle to a safe area and wait for rescue. When using rigid connection, long-distance towing should be avoided, and the towing speed should not exceed 5km/h. The vehicle can only be towed away from the scene under the premise of ensuring that there is no safety risk. If the battery pack of the vehicle is deformed, leaking, smoking, etc., the first step is to avoid safety risks.



The vehicle is equipped with high-voltage components that may be damaged in a collision. It is important to assume that these components are energized before transportation. Always follow high-voltage safety precautions (wear personal protective equipment, etc.) until emergency responders assess the vehicle and can accurately confirm that all high-voltage systems are de-energized. Failure to do so could result in serious injury.

Car pushing



Car pushing is only for moving the vehicle for a short distance to improve traffic safety. For more instructions on how to transport the vehicle, please refer to the *User Manual* on the infotainment screen or delivered with the vehicle, damage caused during transportation is not covered by the warranty.



Pushing the vehicle while it is not in N gear may cause the drive motor to overheat and, if the electrical components are exposed, it may result in a potential risk of electric shock.

With minimal risk of fire or high-voltage exposure (e.g., vehicle not accelerating after stopping at an intersection) and a low voltage battery present, the vehicle can be pushed quickly to clear the road. If a driver is present, simply switch to N gear and push the vehicle. If the driver is not present, even if the vehicle was previously in N gear, it may still automatically switch to P gear when it detects that the driver leaves the vehicle.

9. Important additional information

This document contains important instructions and warnings that must be followed when handling Leapmotor T03 in emergency situations.



Always use appropriate rescue tools and wear proper PPE. Failure to follow these instructions may result in serious injury or death.



Beware of battery reignition! After a fire, keep a safe distance outdoors from other vehicles and buildings (50ft/15m).



After extinguishing a fire, the high-voltage circuit takes 2min to power off.



The supplemental restraint system control unit has a backup power supply that discharges in approximately 10s. Do not touch the supplemental restraint system control unit within 10s after the airbag or pretensioner deploys.



Handling a submerged vehicle without appropriate personal protective equipment may result in serious injury or death.



In the event of a fire, assume the entire vehicle is energized. Be sure to wear full personal protective equipment, including a self-contained breathing apparatus.



Regardless of the use of disabling procedures, always assume all high voltage components are energized! Cutting, crushing, or contacting with high voltage components can result in serious injury or death.



Do not place the tires in a position where they can rotate during transportation. Doing so will result in serious damage and overheating. In rare cases, extreme overheating may cause surrounding units to catch fire.

Contact information

Name of manufacturer: Leapmotor Automobile Co., Ltd.

Official website: <https://www.leapmotor.com/global/assistance>

10. Explanation of pictograms used

	Use thermal infrared camera		Bonnet
	Boot		General warning sign
	Warning, Electricity		Flammable
	Explosive		Corrosive
	Hazardous to the human health		Acute toxicity
	Gases under pressure		Use water to extinguish the fire
	Seat height adjustment		Seat adjustment, longitudinal
	Steering wheel, tilt control		Air-conditioning component