First and Second Responder Information
Vehicle Emergency Response Guide

GAC Brand
AION UT
Electric Vehicles

Version: 001

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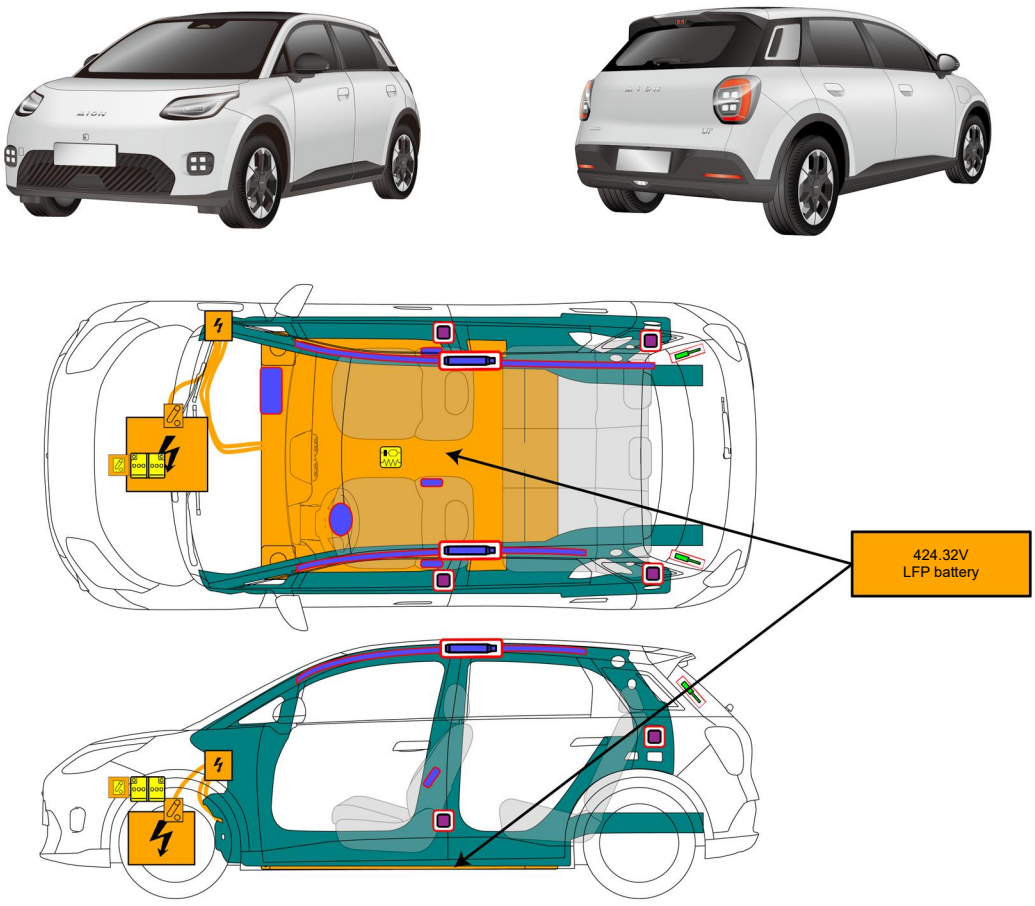
0. Rescue sheet(s)

AION	**Second-Generation AION UT** (5-door-2025 model)	



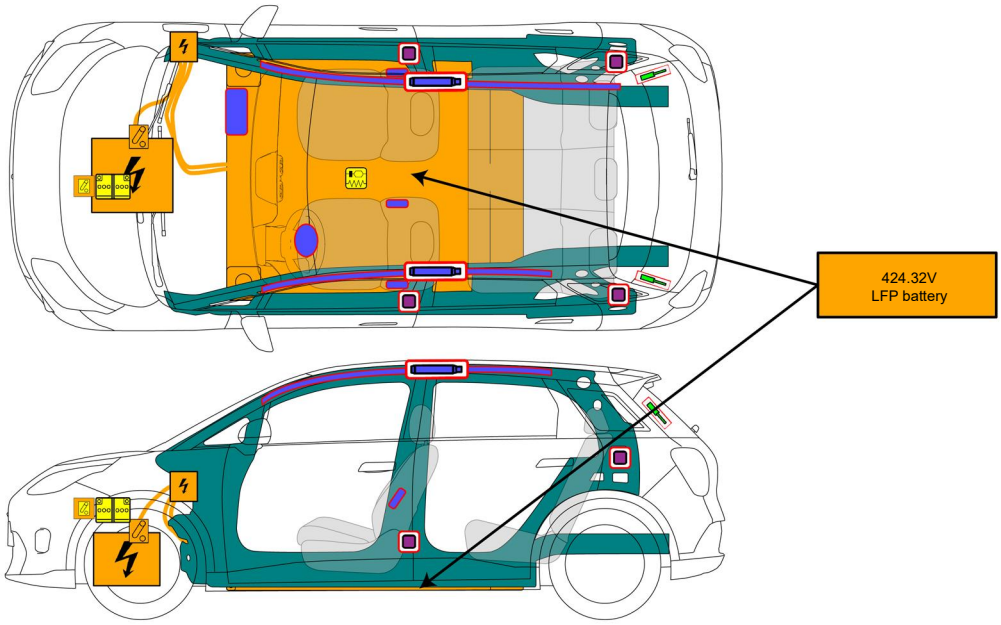
Europe (424.32V)
NOTE: Pictures in this document apply to Left-Hand cars. Unless special notes, Right-Hand cars are mirror symmetry.

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

The latest version of the Emergency Response Guide can be accessed at https://www.gac-motor.com

0. Rescue sheet(s)

AION	**Second-Generation AION UT** (5-door-2025 model)	



Non-European regions (424.32V)
NOTE: Pictures in this document apply to Left-Hand cars. Unless special notes, Right-Hand cars are mirror symmetry.

	Airbag		Stored gas inflator		Seat belt pretensioner
	Gas strut / Preloaded spring		High strength zone		SRS control unit
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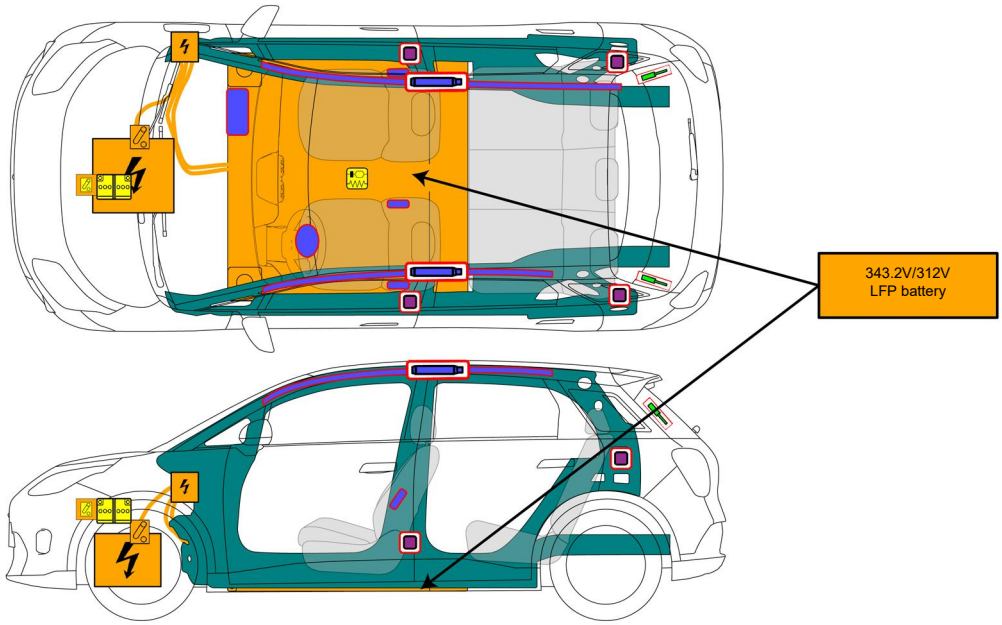
AION	**Second-Generation AION UT** (5-door-2025 model)	



Non-European regions (343.2V/312V)
NOTE: Pictures in this document apply to Left-Hand cars. Unless special notes, Right-Hand cars are mirror symmetry.

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

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1. Identification / recognition

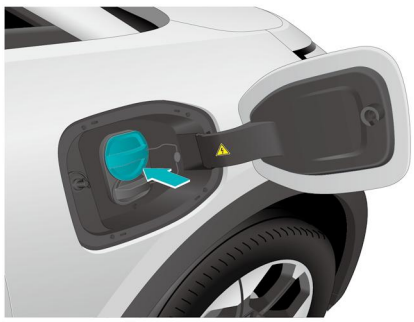
LACK OF ENGINE NOISE DOES NOT MEAN VEHICLE IS OFF: SILENT MOVEMENT OR INSTANT RESTART CAPABILITY EXISTS UNTIL VEHICLE IS FULLY SHUT DOWN. WEAR APPROPRIATE PPE.

Vehicle identification

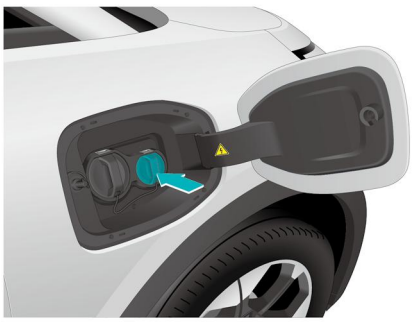
AION UT vehicle can be identified by the "AION" brand logo on the front and rear of the body.

AION UT is a pure electric vehicle equipped with an integrated electric drive assembly in the front body. The charging inlet is located on the right front side of the vehicle. After unlocking the vehicle, press the rear edge of the charging inlet cap to open it.

European standard charging



National standard charging



1. Identification / recognition

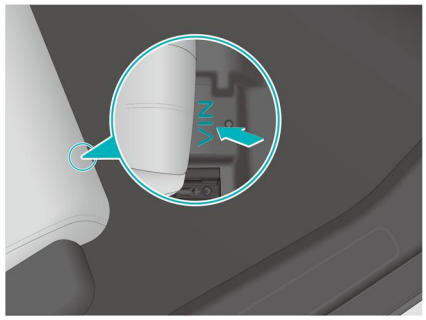
Vehicle identification number (VIN)

AION UT can be identified by the vehicle identification number (VIN). VIN is pasted at the reserved groove on the lower left/right corner of the front windshield.

VIN, as the unique identification number of the vehicle, is composed of 17 characters and contains information, such as the country of manufacture, the manufacturer, year, and the vehicle characteristic code.

It can also be found in different locations such as on the floor in front of the front right seat (stamped).

LHD Vehicle RHD Vehicle



Warning label information

Label name	Label image	Note
High-voltage warning label		Do not touch high-voltage components. Danger!
High voltage device warning label		High voltage components. Read instructions carefully during operation. Be aware of danger. Avoid electric shock.
Battery pack label		High voltage components. Keep away from fire sources. Do not step on, spray, or impact this component to avoid corrosive chemical leakage, fire, or explosion. Read instructions carefully during operation. Wear goggles and insulating gloves, and comply with environmental regulations.
High voltage disconnection label		High voltage parts, watch out for danger and electric shock.

1. Identification / recognition

Instrument cluster module (ICM) and center control display

LHD Vehicle

RHD Vehicle

For information on the touchscreen operations, please refer to the Owner's Manual. If the vehicle's airbags have deployed, the 12V power supply may be unavailable, and the touchscreen will not operate. AION does not recommend trying to reconnect the 12V power supply. Attempting to reconnect the 12V power supply, in a vehicle involved in an accident, may lead to a 12V electrical fire.

2. Immobilisation / stabilisation / lifting

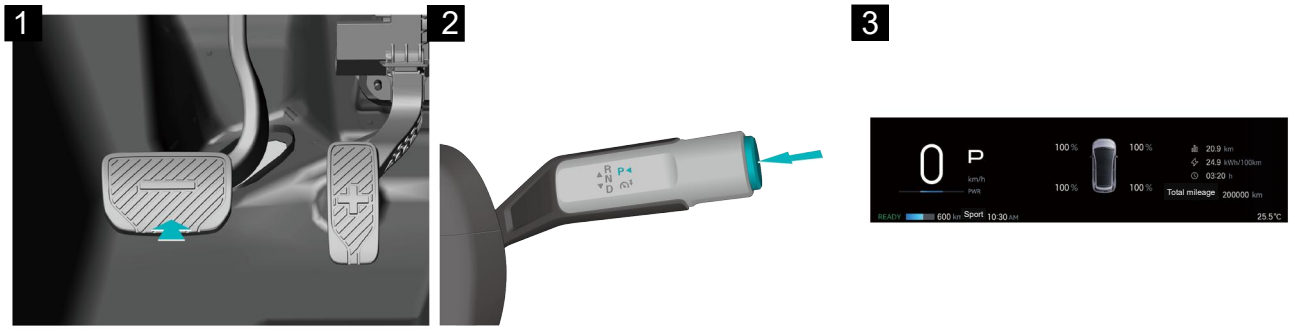
Secure

1. Parking

(1) Apply the parking brake.

(2) Select "P" gear.

(3) The "P" indicator lamp on the dashboard will illuminate, and EPB will be automatically activated.



2. Switching off the vehicle power supply

After parking, leave the vehicle and take all the keys with you. Close all the doors and lock the vehicle.

To prevent accidental restart, please ensure the smart key is kept at least 4 meters away.

3. Secure the wheels

With the EPB activated and the electronic key removed, block the wheels.

When stabilizing the vehicle, do not damage the power battery!

2. Immobilisation / stabilisation / lifting

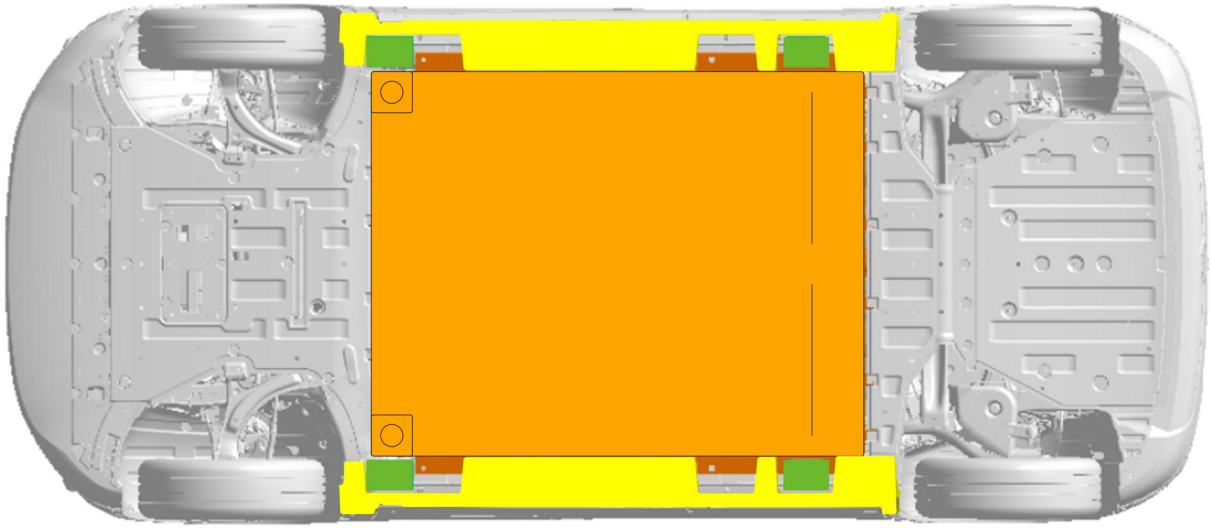
Stabilization/lifting points

The power battery is located underneath the vehicle floor, occupying most of the space below the vehicle. When lifting the vehicle, only designated lifting areas (green areas) can be used.

When stabilizing/lifting the vehicle, do not damage the power battery!

Only professionals wearing proper equipment and familiar with vehicle lifting points can lift the vehicle. Be careful during lifting to ensure that the power battery or other high-voltage components are not contacted when lifting or lowering the vehicle!

Do not perform lifting operations in the power battery installation area!



Appropriate stabilisation-lifting points

Appropriate stabilisation points vehicle on side

High voltage battery

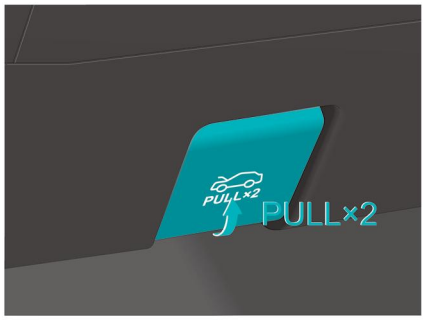
3. Disable direct hazards / safety regulations

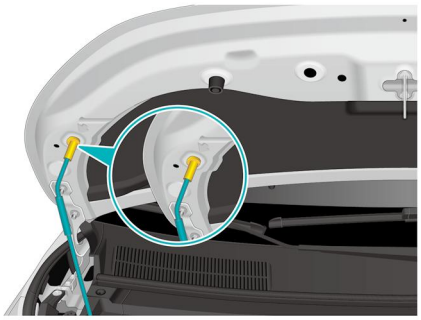
When the airbag deploys, the vehicle will automatically cut off the high voltage power, and the instrument panel SRS warning lamp and the electric power system fault indicator lamp will illuminate.

MAIN DISABLING METHOD (Europe)

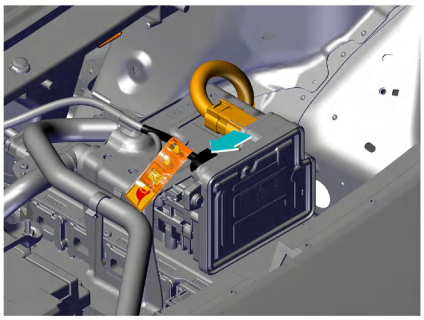
Open the front body hood

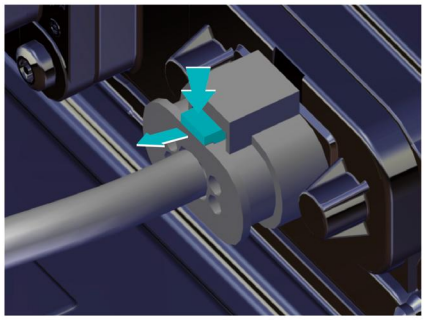
Turn off the vehicle power and pull up the release handle of the front body hood twice consecutively. Then, the front body hood will be unlocked and pop up slightly. Lift the front body hood upwards, and secure it with the stay bar.





Disconnect the low-voltage connector of the water heater assembly and cut off the high voltage power.





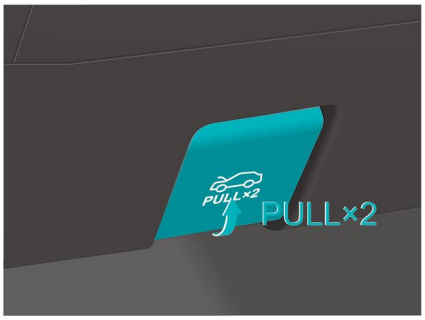
Wear appropriate personal protective equipment (rubber insulating gloves/insulating shoes/tools with protective insulating covers/goggles). Do not attempt to open the power battery!

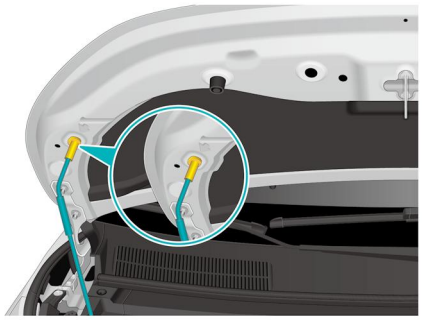
3. Disable direct hazards / safety regulations

MAIN DISABLING METHOD (Non-European regions)

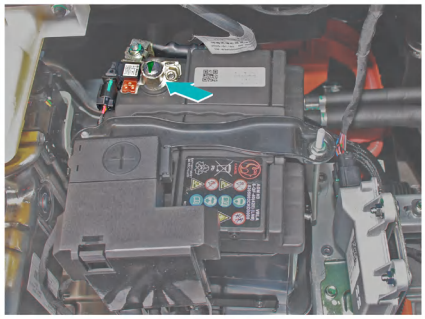
Open the front body hood

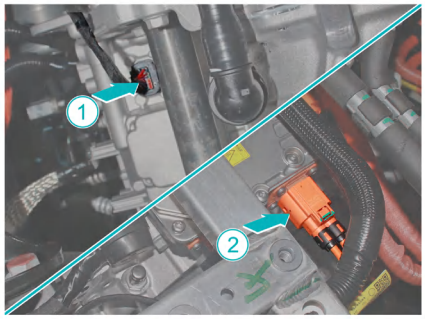
Turn off the vehicle power and pull up the release handle of the front body hood twice consecutively. Then, the front body hood will be unlocked and pop up slightly. Lift the front body hood upwards, and secure it with the stay bar.

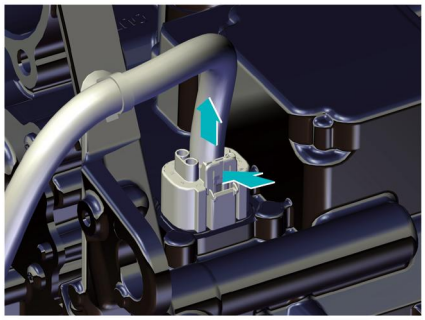


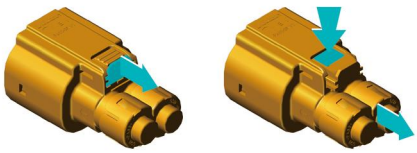


After disconnecting the negative cable of the low voltage battery, wear insulated gloves, disconnect the low-voltage connector of the black integrated electric drive assembly①, then unplug the orange high voltage connector②, and disconnect the high voltage electricity.









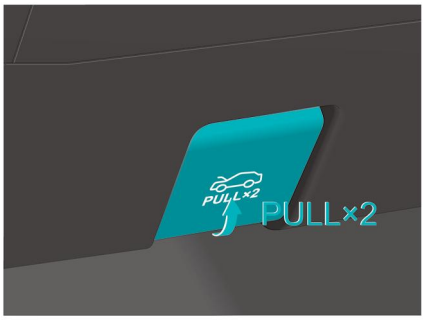
Wear appropriate personal protective equipment (rubber insulating gloves/insulating shoes/tools with protective insulating covers/goggles). Do not attempt to open the power battery!

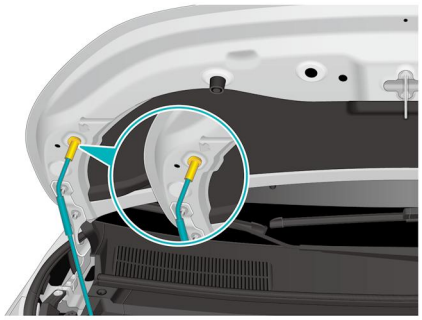
3. Disable direct hazards / safety regulations

ACCESS to low voltage battery

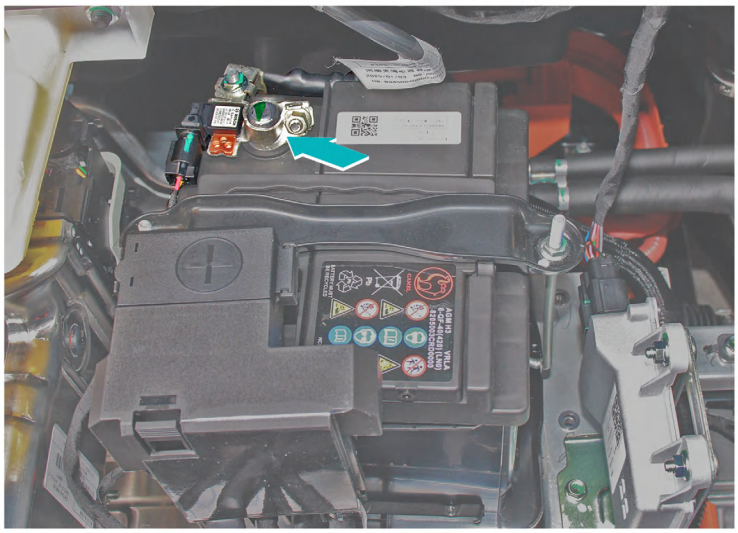
Open the front body hood

Turn off the vehicle power and pull up the release handle of the front body hood twice consecutively. Then, the front body hood will be unlocked and pop up slightly. Lift the front body hood upwards, and secure it with the stay bar.





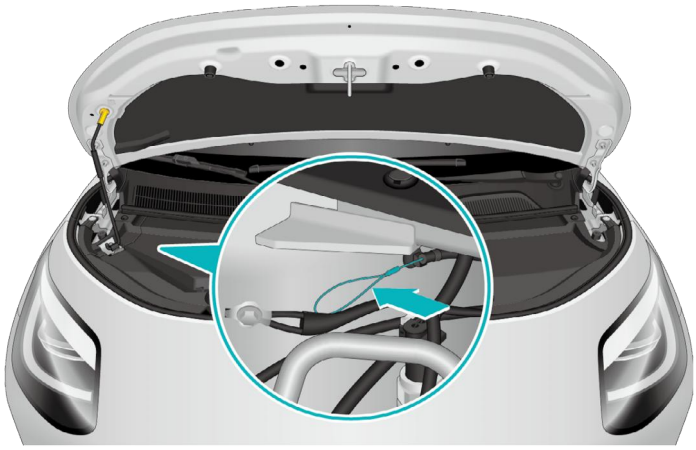
The low-voltage 12V battery is located in the front body. Use tools to loosen the nuts securing the negative terminal of the battery, remove the negative cable of the low-voltage battery, and disconnect the low-voltage battery power.



3. Disable direct hazards / safety regulations

Charger emergency unlocking device

To remove the charger, open the hood and secure it with the stay bar. Pull the charger's manual unlocking cable.



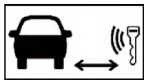
4. Access to the occupants

Open the door

Note: After a collision, if the collision four-door unlocking function is activated, the door can be opened from outside the vehicle.

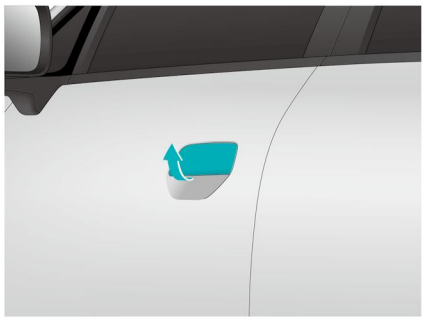
Note: After a collision, the liftgate may not be able to be opened from the outside and may need to be opened from the inside in an emergency.

Open the door from the outside

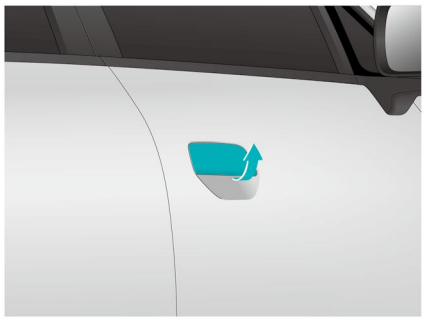


Once the vehicle is unlocked, pull the exterior door handle to directly open the door.

LHD Vehicle

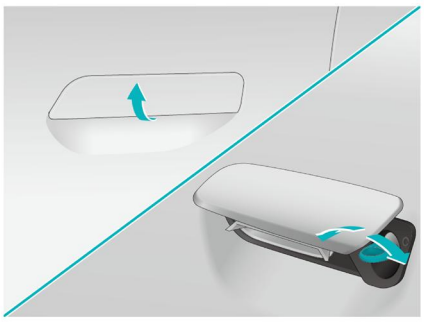


RHD Vehicle

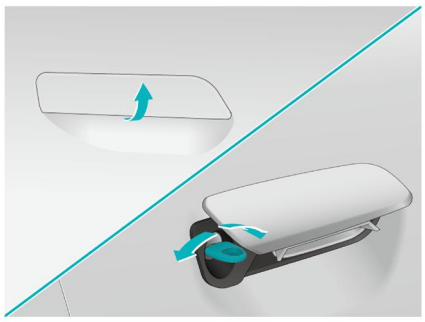


Turn the mechanical key to unlock or lock the driver's side door. After unlocking, pull the door handle to open the driver's side door.

LHD Vehicle

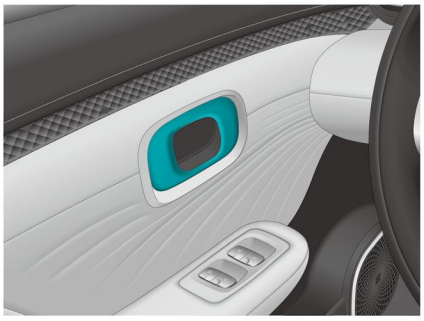


RHD Vehicle



Open the door from the inside

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



4. Access to the occupants

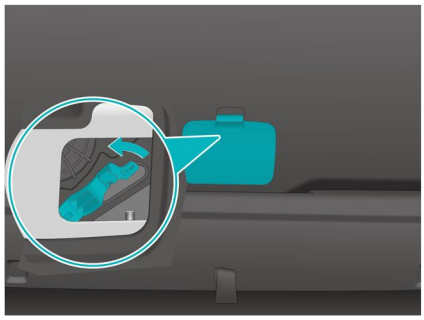
Open the liftgate

The following shows how to open the liftgate:

1. Within the effective range of the smart key, press the liftgate unlock button on it to open the liftgate.
2. When the entire vehicle is unlocked and it is stationary, press the liftgate micro switch to open the liftgate.

Open from inside luggage compartment

1. Fold the seat back of the rear seat to enter the trunk.
2. Remove the liftgate emergency unlocking port cover from the liftgate guard plate.
3. Pull the unlocking switch as arrowed to unlock the liftgate.



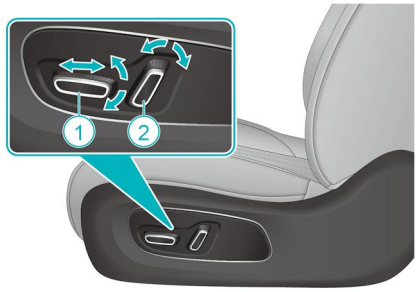
4. Access to the occupants

Driver seat adjustment (electric seat)

Seat fore-aft adjustment: Push the seat position adjustment switch ① forward or backward to adjust the seat's forward or backward position.

Seat height adjustment: Pull the end of the seat position adjustment switch ① up or down to adjust the seat height.

Seat back angle adjustment: Move the seat back angle adjustment switch ② forward or backward to adjust the seat back angle.



Note: When performing passenger rescue, be sure to check if there are passengers in the rear seat area to avoid missing anyone.

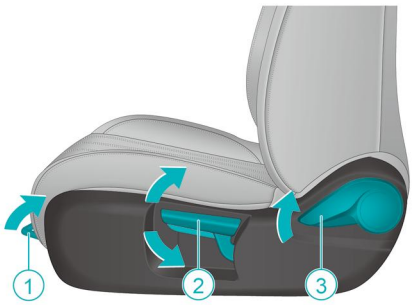
Note: The seats are electric and may not function properly after a collision.

Driver seat adjustment (manual seat)

Seat fore-aft adjustment: Pull up the middle of the seat position adjustment lever ①, slide the seat to the desired position, and release the lever.

Seat height adjustment: Pull up or press down the seat height adjustment handle repeatedly ②, to adjust the seat height.

Seat back angle adjustment: Pull up the seat back angle adjustment handle ③, while making the seat back moving forward or backward with your back to adjust to the desired position, and then release the handle.

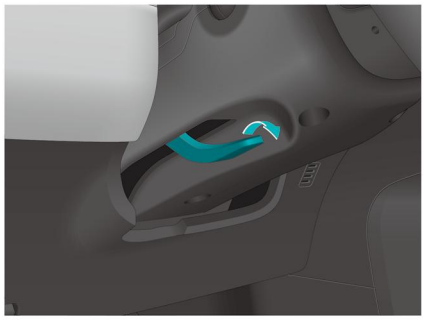


Note: When performing passenger rescue, be sure to check if there are passengers in the rear seat area to avoid missing anyone.

4. Access to the occupants

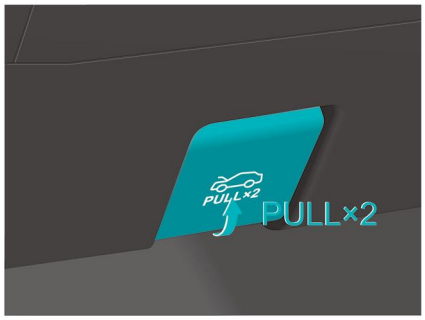
Steering wheel adjustment

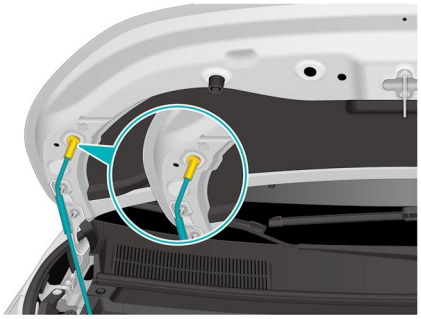
1. Unlock the steering wheel by pulling the steering wheel locking handle down.
2. Adjust the steering wheel up, down, forward, and backward to the desired position.
3. Pull back the steering wheel locking handle to lock the steering wheel.



Open the front body hood

Pull up the release handle of the front body hood in the cab twice, and the front body hood will be unlocked and pop up slightly. Lift the front body hood and support it with the stay bar.

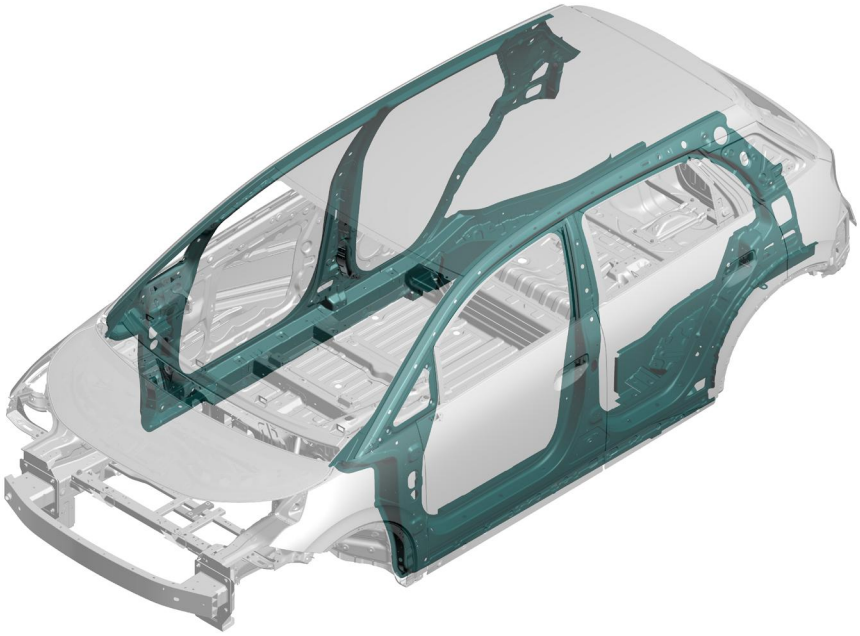




4. Access to the occupants

High-strength area

AION UT has been reinforced to protect passengers in a collision. The high-strength area is shown in the figure below. Use appropriate tools to cut it during a rescue.



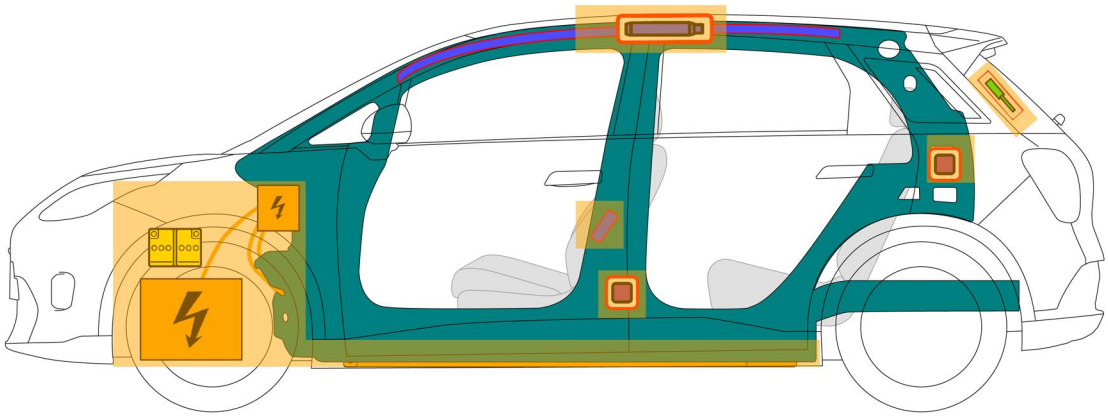
When cutting AION UT, be sure to use suitable tools, such as a hydraulic cutter, and wear appropriate personal protective equipment, otherwise, it may cause serious injury or even life-threatening situations.

Regardless of the tool used, always assume that all high-voltage components are live! Cutting, crushing, or contacting high-voltage components may result in serious injury or even life-threatening situations.

4. Access to the occupants

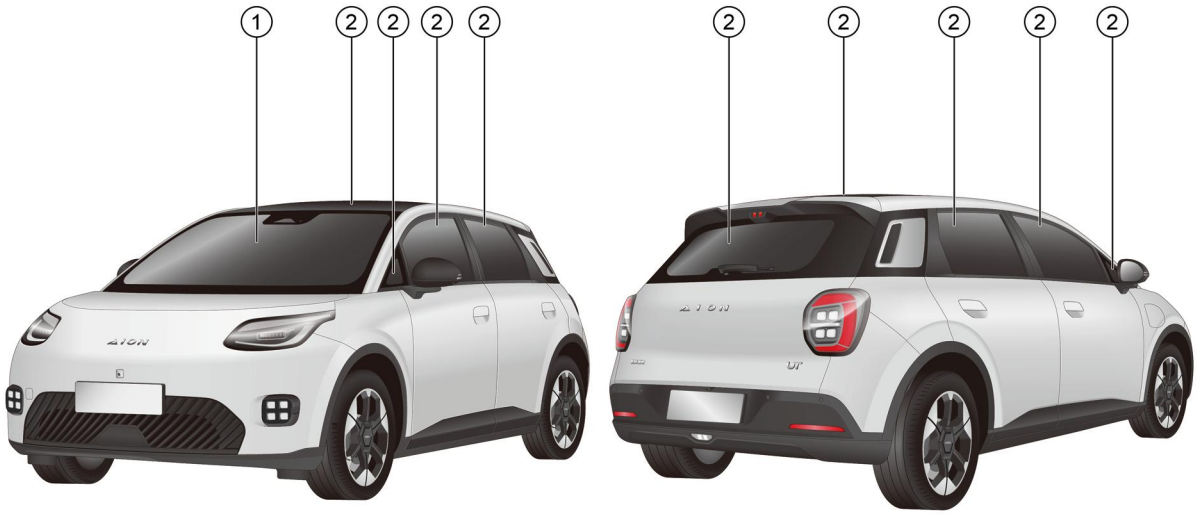
Vehicle cuttable area

Due to the presence of high voltage, gas inflators, gas springs, and other hazardous devices, some areas are defined as "cutting prohibited areas". It is prohibited to cut or crush these areas, otherwise, it may cause serious injury or even life-threatening situations. "Cutting prohibited areas" are marked in orange.



: Cutting prohibited areas.

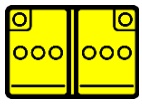
Glass type



① Laminated glass

② Tempered glass

5. Stored energy / liquids / gases / solids

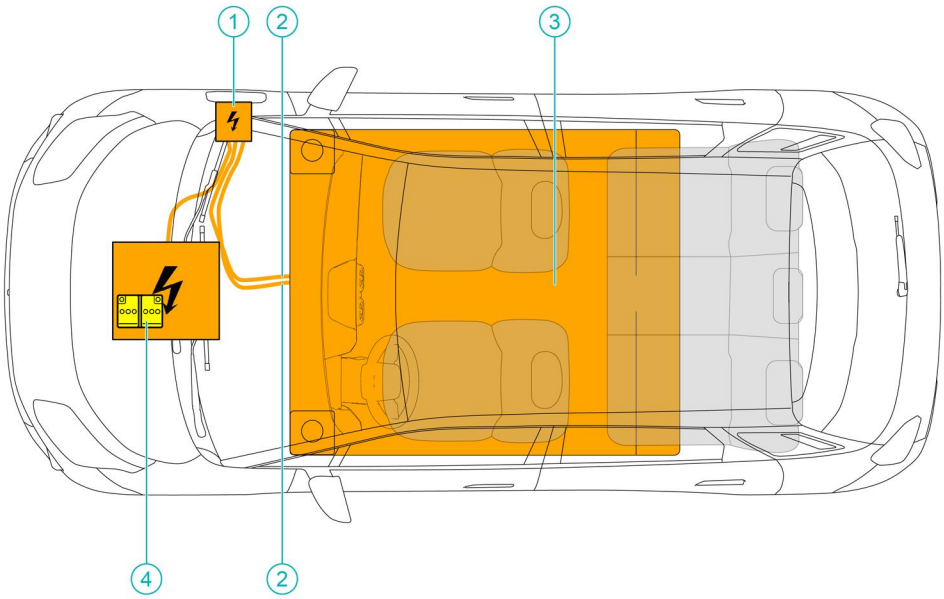
		12V
		424.32V 343.2V 312V
		850-950g

If the battery pack coolant leaks, it may cause a thermal runaway risk. Use an infrared thermal imager to check the battery pack temperature.

In case of fire, always assume that the vehicle is powered on. Be sure to wear full personal protective equipment, including a self-contained breathing apparatus.

If the vehicle collides resulting in battery leakage, professional rescuers should handle it. Rescuers must wear the correct personal protective equipment and should not contact the liquid directly.

High-voltage components



① Charging inlet

② High-voltage cables

③ Power battery

④ Integrated electric drive assembly

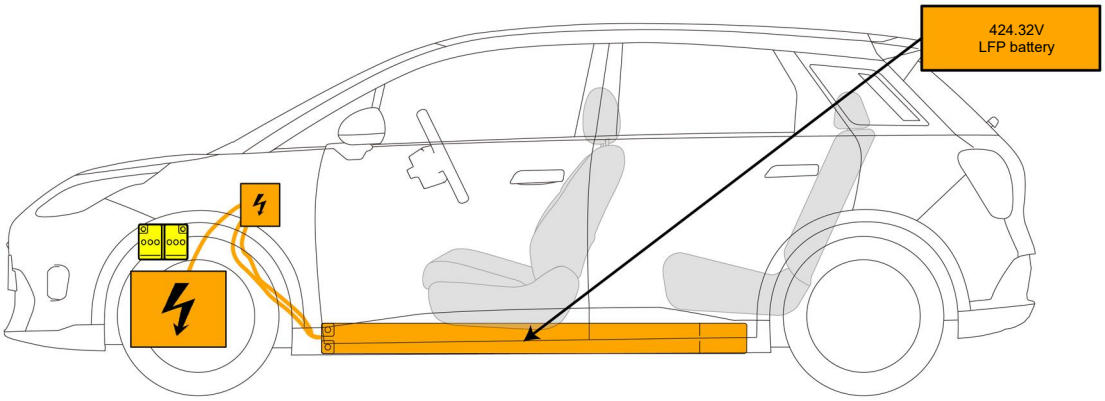
5. Stored energy / liquids / gases / solids

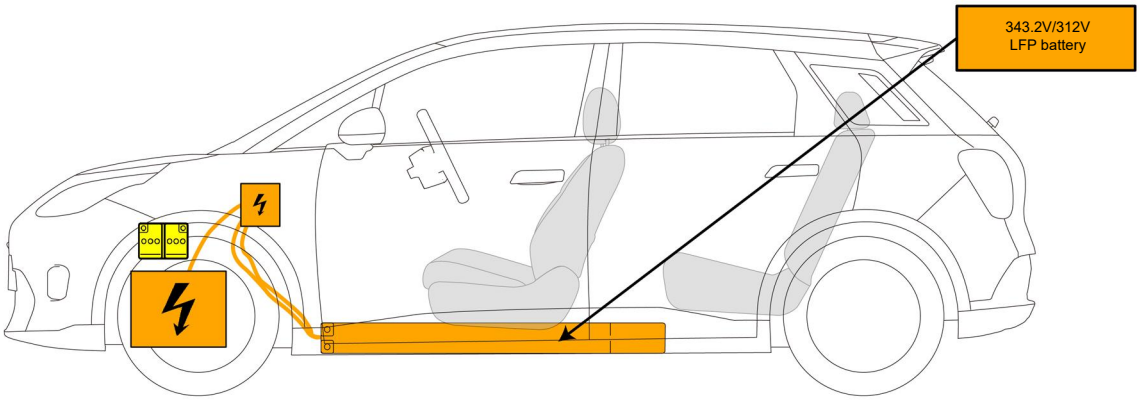
Power battery

AION UT is equipped with a lithium-iron phosphate battery located under the vehicle floor. Do not touch the fluid leakage from the power battery.

Do not damage the power battery when lifting the vehicle from underneath.

Do not damage the chassis when using rescue tools. Refer to Chapter 2: Immobilisation / stabilisation / lifting for instructions on properly lifting the vehicle.

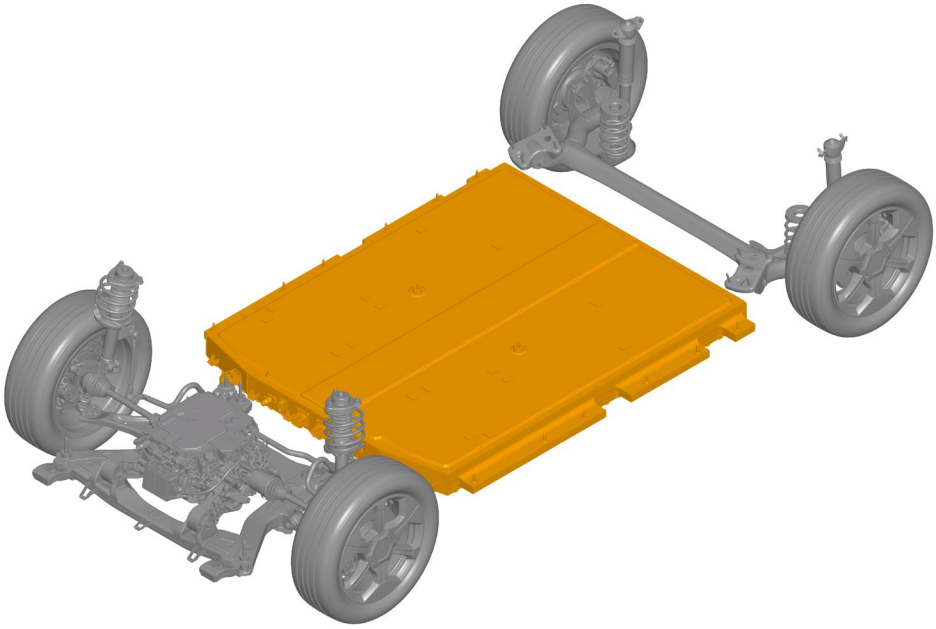




5. Stored energy / liquids / gases / solids

Vehicle chassis

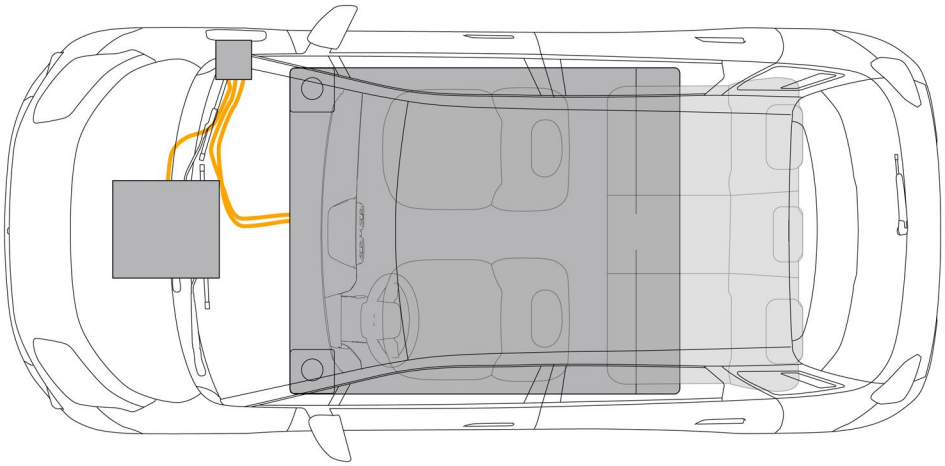
The power battery is located beneath the vehicle floor. Do not compress the chassis area, otherwise, it may damage the power battery or the high voltage cables, leading to serious injury or even life-threatening situations. Do not use rescue tools on the power battery.



High-voltage cables

High-voltage cables are marked in orange-yellow. Do not damage the cables with rescue tools.

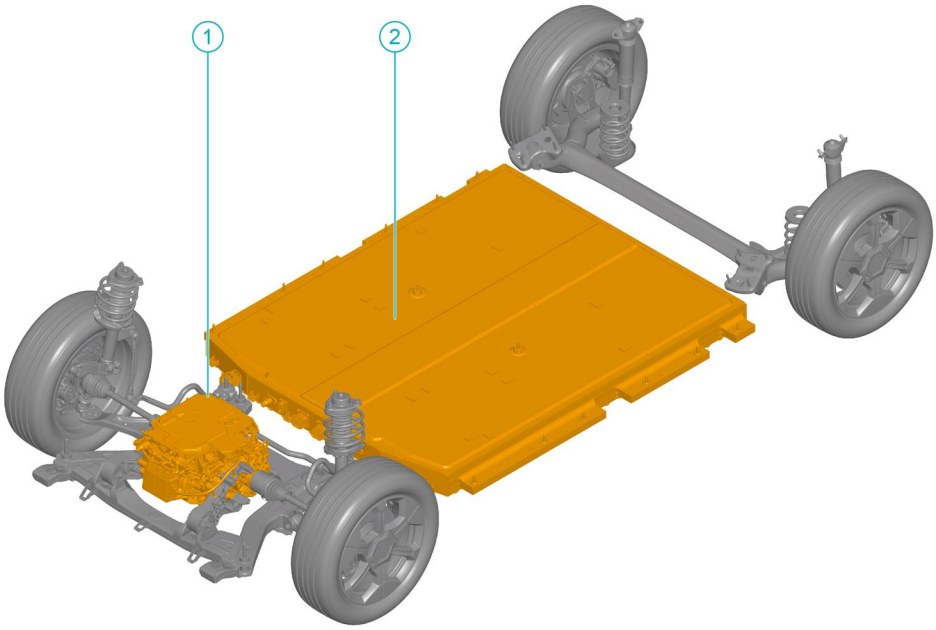
Do not damage the high-voltage cables when using rescue tools; always assume the orange-yellow high-voltage cables are live.



5. Stored energy / liquids / gases / solids

Drive motor

The drive motor is located between the front wheels. The drive motor converts the direct current (DC) from the power battery into alternating current (AC) that can power the wheels.



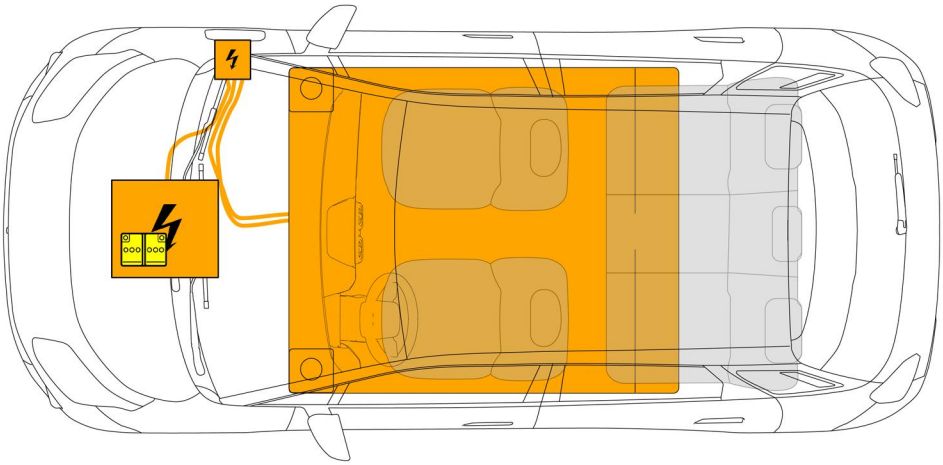
① Drive motor

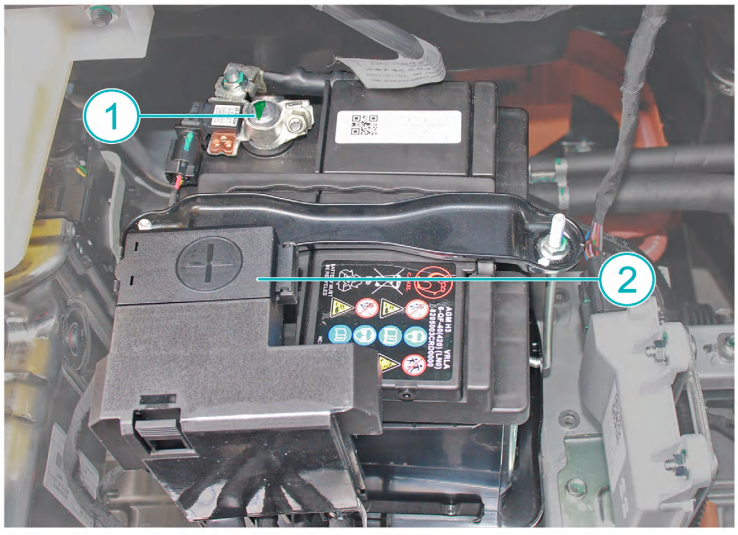
② Power battery

5. Stored energy / liquids / gases / solids

Low-voltage battery

In addition to the high-voltage system, AION UT also has a low-voltage electrical system. The low-voltage battery powers the auxiliary restraint system, SRS, windows, door locks, center control display, and lamps. The high-voltage system charges the low-voltage battery, and the low-voltage battery powers the high-voltage contactor, allowing high-voltage current to flow into or out of the power battery.





① Negative terminal of the battery

② Positive terminal of the battery

6. In case of fire

Extinguish fire

Use water to extinguish the fire.

Extinguish power battery fire with water. If the battery ignites, overheats, or generates heat or gas, use a large amount of water to cool it.

Power battery reignition!

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

If water is not available, use carbon dioxide, dry powder, or other typical extinguishing agents until water is available. Do not use water-based fire extinguishers. Due to the large amount of water needed for extinguishing a power battery fire, be sure to seek additional water supply as early as possible.

AION UT recommends using a thermal imaging camera or infrared (TIC or IR) to monitor the battery temperature during cooling.

Use typical vehicle firefighting procedures to extinguish small fires not involving the power battery.

Do not touch high-voltage components during the extinguishing process. Use insulating tools when extinguishing fires.

High temperatures and flames can endanger airbags, gas cylinders, gas springs, and other components that may overheat unexpectedly, leading to explosions.

Use a thermal infrared camera

After flames and smoke have significantly weakened, a thermal infrared camera can be used to measure the power battery's temperature and monitor heating or cooling trends. Only after the power battery has shown no flames, smoke, or high temperatures for at least one hour, can the vehicle be handed over to secondary responders (e.g. law enforcement officers and vehicle transporters). Before you hand over the vehicle to the second responder or leave the accident scene, the power battery must be completely cooled. Be sure to inform the second responder of the risk of power battery reignition.

Due to the possibility of reignition, AION UT power batteries damaged in floods, fires, or collisions should be stored in an open area at least 50 feet (15 meters) away from any exposed items.

In case of fire, always assume that the vehicle is powered on. Be sure to wear full personal protective equipment, including a self-contained breathing apparatus.

6. In case of fire

Power battery--Fire damage

Both the power battery and the integrated electric drive assembly use coolant for liquid cooling. Do not touch any leaking liquid from the power battery (if any).

A damaged power battery can cause the battery pack to heat rapidly. If the power battery emits smoke, vapors, popping sounds, or "hissing" sounds, the power battery may be heating up. Appropriate measures mentioned above should be taken.

Battery combustion can release overheated gases and toxic vapors, which may include volatile organic compounds, hydrogen, carbon dioxide, carbon monoxide, soot, and particles containing nickel, aluminum, lithium, copper, cobalt, and hydrofluoric acid. Emergency personnel should always use full personal protective equipment (including a self-contained breathing apparatus) to protect themselves and take appropriate measures to protect others from the effects of the incident.

If the vehicle catches fire, the instrument panel will display the message "Safely park, evacuate immediately" along with a beeping alert. Please safely park and move away from the vehicle immediately.

7. In case of submersion

There is a higher risk of electric shock when the vehicle is submerged in water. Always wear appropriate personal protective equipment for water rescue when handling any submerged vehicle.

As the power battery may catch fire, extra caution should be taken when handling submerged vehicles. Emergency personnel should be prepared to deal with potential fire risks.

During the rescue, the front of the vehicle should be lifted to drain water from the vehicle and the power battery. After moving the vehicle out, safely disconnect the high voltage power according to the "Disconnect high voltage" session in Chapter 3 Disable direct hazards / safety regulations.

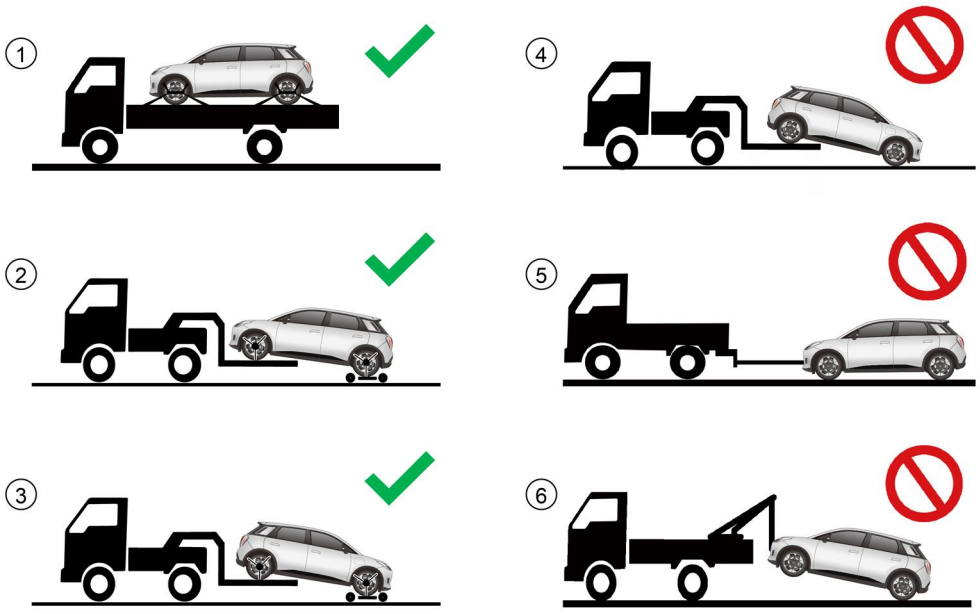
Always wear full personal protective equipment. Operating submerged vehicles without proper personal protective equipment can result in severe injury or even life-threatening situations.

8. Towing / transportation / storage

The motor of AION UT generates electricity when the wheels rotate. Therefore, during transportation, all four wheels must be off the ground. Ensure that the tires do not rotate at any time during transportation.

Do not rotate the vehicle's wheels during transportation, as this may cause significant damage and overheating to the wheels. In extreme cases, it may also cause surrounding components to catch fire.

Be cautious of battery reignition! After a fire occurs, the vehicle should be kept at a safe distance from other vehicles and buildings (50ft/15m).



If the vehicle needs a tow, it should be done by a professional towing company. It is recommended to transport the vehicle with a flatbed truck. If conditions are inadequate, a wheel-lifting truck can be used to tow the vehicle as needed.

Use the towing methods shown in pictures ①②③, and do not use the towing methods shown in pictures ④⑤⑥.

The towing methods should only be used for straight towing or on roads without sharp turns. No person is allowed to remain inside the vehicle during towing. For long-distance transportation, use the towing method shown in picture ①.

If a flatbed truck is unable to enter a rescue situation or normally tow the vehicle, use a rigid connection method to move the vehicle urgently to a location where it can be towed or a safe area and wait for rescue. When rigid connection is used, 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 once it is ensured there is no safety risk. If the vehicle's battery pack is deformed, leaking, or smoking, the primary concern is to avoid safety risks.

If the vehicle is equipped with high-voltage components that may be damaged in a collision, always assume these components are powered before transportation. Always adhere to high-voltage safety precautions (e.g. wearing personal protective equipment) until emergency responders assess the vehicle and accurately confirm all high-voltage systems are powered down, otherwise, it may cause serious injury or even life-threatening situations.

8. Towing / transportation / storage

Push the vehicle

Pushing the vehicle is only applicable for moving the vehicle for a short distance to improve traffic safety. For more instructions on how to transport the vehicle, refer to the Owner's Manual on the center control display or delivered with the vehicle. Damage caused during transportation is not covered by warranty.

If the vehicle is not in the "N" gear, pushing the vehicle may cause the drive motor to overheat. If electrical components are exposed, there may be a potential risk of electric shock.

In situations where there's an extremely low risk of fire or high-voltage contact (e.g., the vehicle fails to start after stopping at an intersection) and there's a low-voltage power supply, the vehicle can be quickly pushed to clear the road. If the driver is inside the vehicle, simply switch the vehicle to the "N" gear. Then, push the vehicle. If the driver is not inside the vehicle, when the system detects the driver's absence, it may automatically switch to the "P" gear even if it was previously in the "N" gear.

9. Important additional information

This document contains important instructions and warnings that must be followed when handling AION UT in emergencies.

Always use appropriate rescue tools and wear appropriate personal protective equipment, otherwise, it may cause serious injury or even life-threatening situations.

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

After the fire is extinguished, it may take 10 minutes for the high-voltage circuit to power off.

The auxiliary restraint system control unit has a backup power supply that discharges in approximately 10 seconds. Do not touch the auxiliary restraint system control unit within 10 seconds after the deployment of airbags or pretensioners.

Operating submerged vehicles without proper personal protective equipment can result in severe injury or even life-threatening situations.

In case of fire, always assume all high-voltage components are live and wear full personal protective gear, including a self-contained breathing apparatus.

Regardless of the disabling program used, always assume all high-voltage components are live. Cutting, crushing, or touching high-voltage components may cause serious injury or even life-threatening situations.

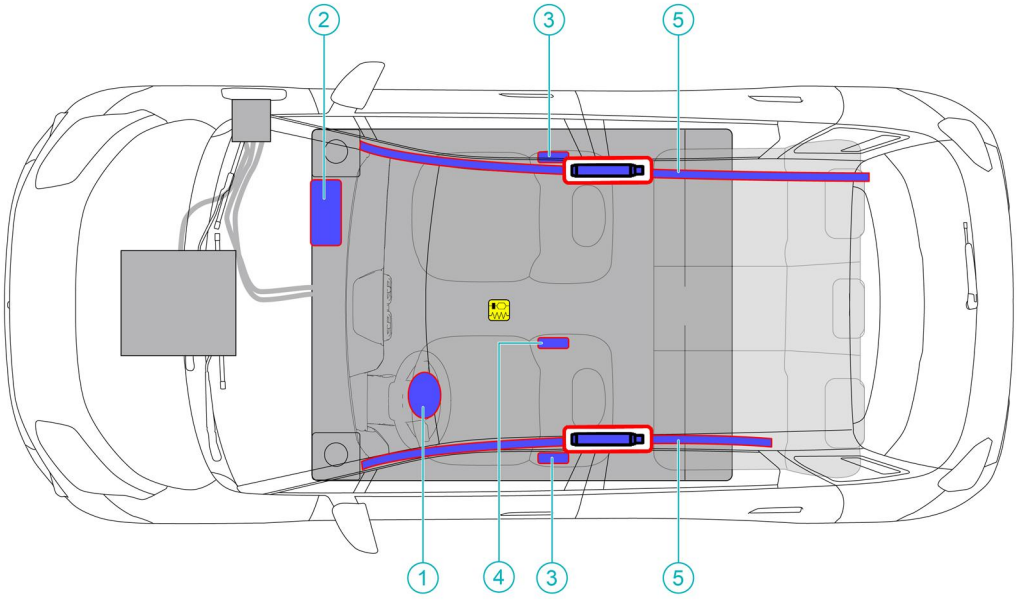
During transportation, do not place the tires in a position where they can rotate, as this may cause severe damage and overheating. In rare cases, extreme overheating may cause surrounding components to catch fire.

9. Important additional information

Airbag

Airbags are located in the approximate areas shown in the figure below. Refer to the Owner's Manual for additional information.

NOTE: Pictures in this document apply to Left-Hand cars. Unless special notes, Right-Hand cars are mirror symmetry.



① Driver's airbag

② Front passenger's airbag

③ Front side airbag

④ Front center airbag

⑤ Side curtain airbag

When airbags deploy, although the vehicle automatically cuts off high voltage, always assume there may still be high voltage in all high-voltage components and cables. Exercise caution. Do not cut any orange high-voltage harnesses or attempt to restart the battery pack. The power battery cells within the battery pack are used to store electrical energy and must not be damaged by rescue tools.

Do not cut the red outlined area shown in the figure above to prevent the unintended deployment of undeployed airbags which could cause serious injury or even life-threatening situations.

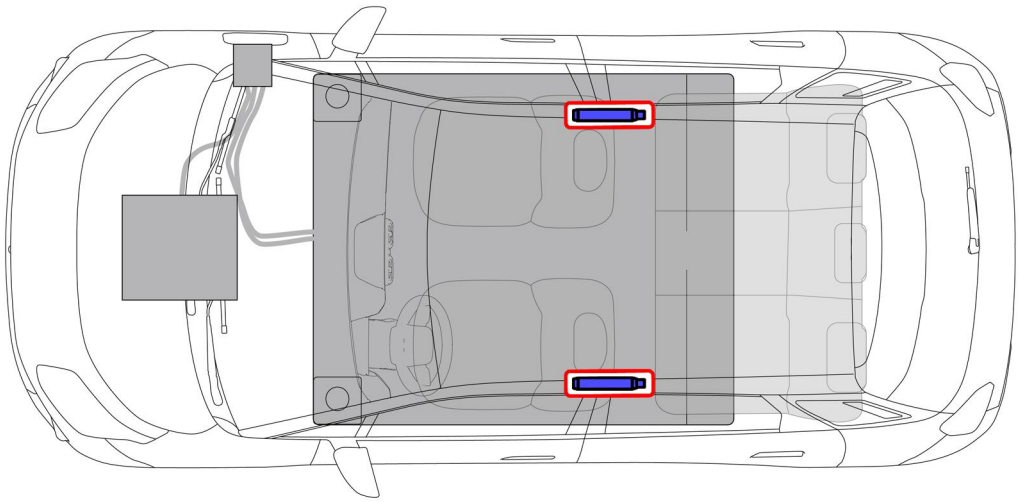
Ensure that the vehicle power is off and the 12V low-voltage battery is disconnected to disable the system. To prevent the unintended deployment of undeployed airbags which could cause serious injury or even life-threatening situations.

The SRS control unit has a backup power supply that discharges in approximately 10 seconds. Do not touch the SRS control unit within 10 seconds after the deployment of airbags or pretensioners.

9. Important additional information

Gas inflator

The gas inflator is located in the area shown in the figure below.

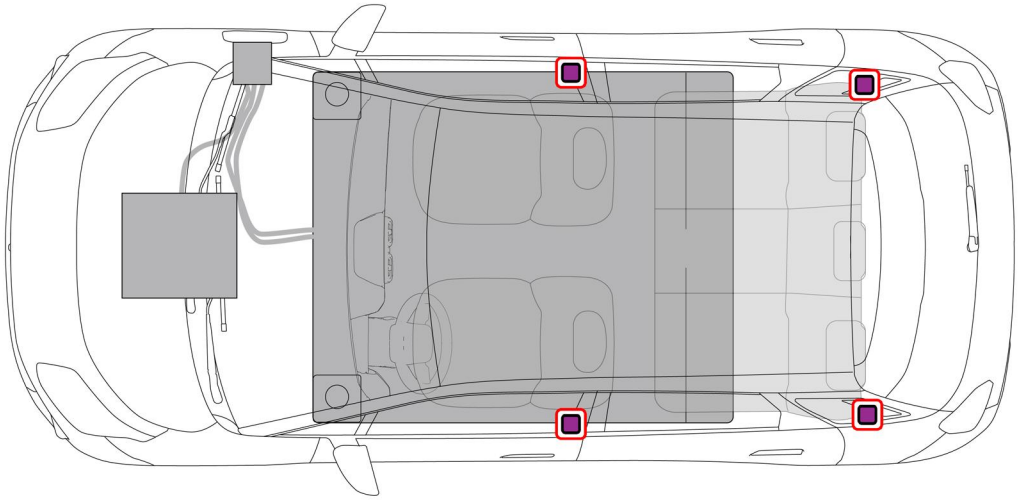


Rescuers must not cut or crush the gas inflator; otherwise, it could cause serious injury or even life-threatening situations.

9. Important additional information

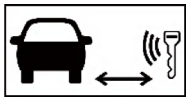
Seat belt pretensioner

Seat belt pretensioners are located in the approximate areas shown in the figure below.



After a collision, electrical and mechanical releases may be damaged.

10. Explanation of pictograms used

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


AION