

# Emergency Response Guide



## RESCUE INFORMATION

### 1-1. RESCUE INFORMATION

Hybrid Electric Vehicle System Information .....	2
Disconnecting 12 V Battery....	6
High Voltage Power Release Method.....	6

### 1-2. Rescue Program Information

Protection Device Required for Rescuer.....	7
--	---

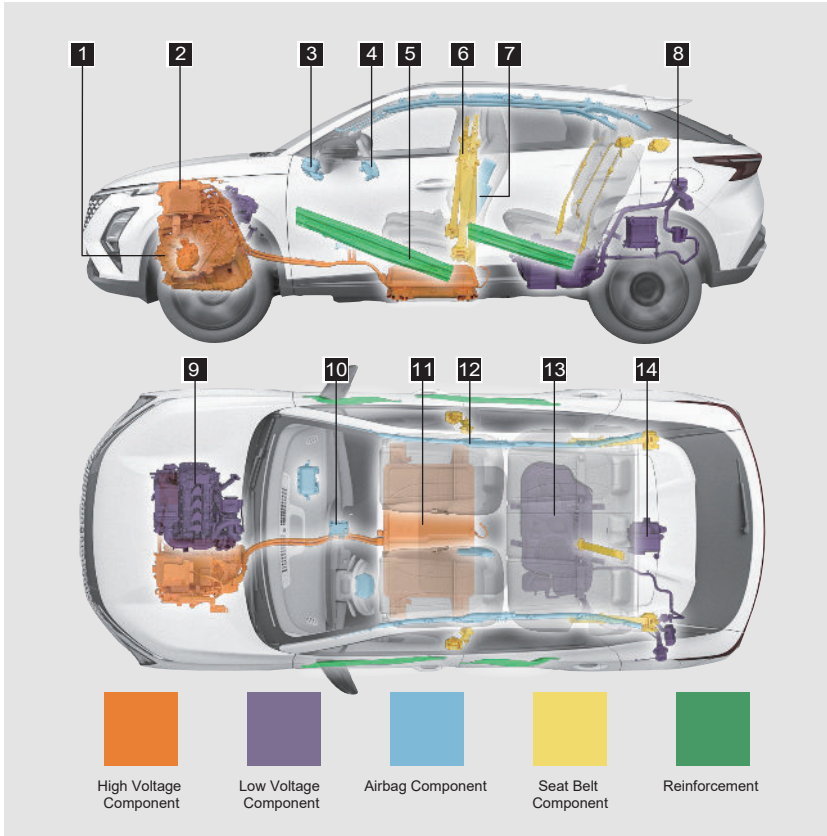
Parking Operations.....	8
Lifting Vehicle .....	8
Back Door Emergency Opening.....	9
Emergency Rescue .....	9
Towing Vehicle.....	12

# 1. RESCUE INFORMATION

## 1-1. RESCUE INFORMATION

### Hybrid Electric Vehicle System Information

#### Components of HEV Key System



- |                              |                                      |   |
|------------------------------|--------------------------------------|---|
| <b>1</b> Hybrid Transmission | <b>2</b> Hybrid power control module | <b>3</b> Front Passenger Airbag               |
| <b>4</b> Driver Airbag       | <b>5</b> Guard Plate                 | <b>6</b> Seat Belt Pretensioner (If Equipped) |
| <b>7</b> Front middle airbag | <b>8</b> Fuel Filler                 | <b>9</b> Engine                               |
| <b>10</b> Airbag Module      | <b>11</b> Power Battery              | <b>12</b> Side Curtain                        |
| <b>13</b> Fuel Tank          | <b>14</b> Battery                    |   |

 ENVIRONMENTAL PROTECTION

All parts of high voltage components in the illustration should be disposed or recycled according to the local regulations and provisions regarding environmental protection.

 CAUTION

- Never tow the vehicle at high speed when drive wheels are on the ground.
- It is forbidden to manipulate motor controller on high-speed bench without power and water. Never drag the motor to reverse at high speed with highspeed dynamometer bench or carry out similar experiment such as towing at high speed.
- High-voltage system components in hybrid power system mainly include high-voltage wire harness, power battery, high-voltage heater, electric compressor, front motor controller, and rear motor controller assembly (if equipped); High-voltage system components are very dangerous. Do not touch the high-voltage system components, cables or connectors.

 WARNING

- Personnel without high-voltage technical qualification are not allowed to touch, repair or replace high voltage components or high voltage wire harness in the illustration.
- In case of traffic accident, do not touch any component and high voltage wire harness in the illustration to avoid the second personal injury.
- When cutting the vehicle for rescue, avoid the components in the illustration and the rescuer must wear basic rescue protective device. Select high voltage rescue protective device or fire rescue protective device according to the site situation. Failure to follow the instructions may cause personal injury or even death.

## 1. RESCUE INFORMATION



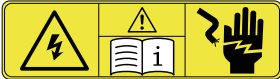


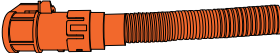
### Basic vehicle information

Overall Size	Length (mm)	4,447
	Width (mm)	1,824
	Height (mm)	1,588
Wheel Base (mm)		2,610
Manufacturer Maximum Total Weight (kg)		2,152
Seating Capacity (Including Driver) (Person)		5

### Hybrid electric vehicle system basic information

Power battery assembly	Battery pack rated capacity (Ah)	5.2
	Battery pack nominal voltage (V)	353.3
	Number of battery pack (pieces)	1
Fuel tank capacity (L)	51	

Hybrid electric vehicle system warning signs

<p>High voltage warning sign 1</p>		<p>Danger! Never touch high voltage system components.</p>
<p>High voltage warning sign 2</p>		<p>High voltage. Danger! Never depress!</p>
<p>High voltage warning sign 3</p>		<p>High voltage system components. Danger! Never touch high voltage components without wearing protection device, beware of electric shock!</p>
<p>High voltage warning sign 4</p>		<p>High voltage system components. Danger! Never touch high voltage components without wearing protection device, beware of electric shock and high temperature scald!</p>
<p>High voltage warning sign 5</p>		<p>Danger! Inflammable and explosive article. Do not open or repair the battery pack without authorization. Do not short-circuit the positive and negative terminals of the battery with wires or other metallic objects. Keep it far away from fire source and do not use it in high temperature. Never immerse it in water or other liquids. Optimal storage temperature: -10°C - 35°C!</p>
<p>High voltage wire harness sign</p>		<p>Vehicle high voltage system components are connected by orange high voltage wire harness. Never touch high voltage components without wearing protection device!</p>

## 1. RESCUE INFORMATION

### WARNING

- After vehicle is started, power system will be hot. Be careful of high voltage and high temperature, and always follow the instructions on the vehicle safety warning signs.
- Never touch, remove or replace components, orange cable and connectors with power system warning signs to prevent high voltage electric shock.

### Disconnecting 12 V Battery

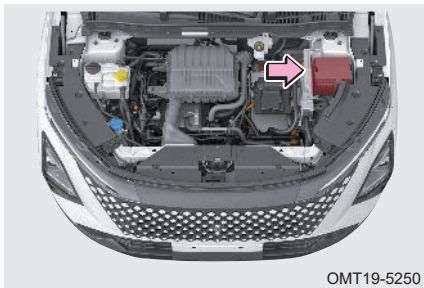


Step 1: Turn vehicle power to OFF mode, and connect jumper cables;

Connect one end of positive cable to positive terminal (+) of battery on discharged vehicle, and the other end to the positive terminal (+) of battery on rescue vehicle.

Connect one end of negative cable to negative terminal (-) of battery on rescue vehicle, and the other end to unpainted metal part on discharged vehicle.

### High Voltage Power Release Method



Step 1: Turn vehicle power to OFF mode;

Step 2: Disconnect the negative (-) battery terminal cable;

Step 3: Remove front compartment fuse box cover, refer to fuse box location diagram at fuse box upper cover, disconnect the BMS module power.

## 1-2. Rescue Program Information

### Protection Device Required for Rescuer



Basic Rescue Protection Device:

- 1** High Resistance Safety Work Shoes
- 2** Cotton Gloves
- 3** Protective Gloves

High Voltage Rescue Protection Device:

- 4** High Voltage Power Specialist Protective Clothing
- 5** Rubber Sheet
- 6** Safety Helmet with Goggles

Fire Rescue Protection Device:

- 7** Compressed Air Breathing Mask
- 8** Thermal Imaging Camera

**⚠ WARNING**

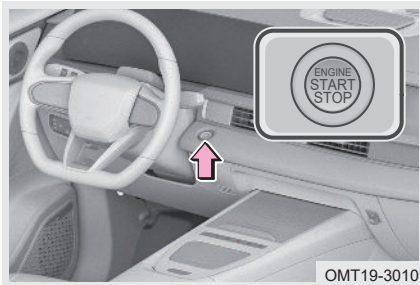
Rescuer must wear basic rescue protective device. Select high voltage rescue protective device or fire rescue protective device according to the site situation. Failure to follow the instructions may cause personal injury or even death.

# 1. RESCUE INFORMATION

## Parking Operations



Step 1: When the vehicle power is switched to ON mode, or the vehicle is started and in stationary status, Click the electric parking brake switch, "(P)" red indicator on instrument cluster and electric parking brake button and indicator remains on, indicating that parking brake function has been turned on;

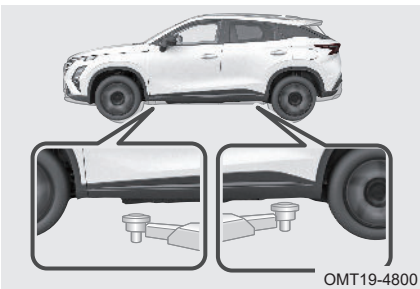


Step 2: Shift the shift lever to P, press ENGINE START STOP switch to turn off vehicle power.

### READ

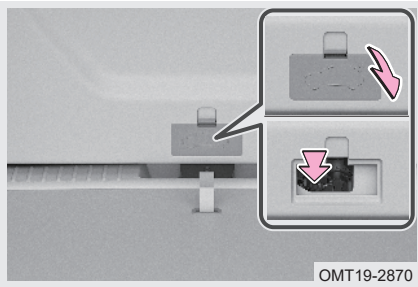
When vehicle is in READY state, the motor is silent, make sure that the vehicle power is turned to OFF mode before leaving vehicle.

## Lifting Vehicle



Make sure that the vehicle is on the correct jacking point to avoid damage to high/low voltage cables or power battery when the vehicle is lifted.

## Back Door Emergency Opening



Back door cannot be opened when battery is depleted or under similar conditions. In this case, the back door can be opened with emergency device switch.

Step 1: Stop the vehicle as safely as possible;

Step 2: Fold the rear seatback;

Step 3: Get in the rear of vehicle and open emergency device cover;

Step 4: Press the emergency switch and then push the back door to open it.

## Emergency Rescue

### How to avoid water intrusion into high voltage components

1. When a vehicle is flooded, first pull the vehicle out of the water and then cut off the high voltage power supply to avoid greater electric shock hazard due to vehicle immersion.
2. When washing the vehicle, avoid washing the charging port cover switch area with a high pressure water gun, otherwise it may cause the charging port cover to open and cause water to enter the charging port end.
3. Do not charge when there are obvious water stains in the charging port to avoid damage to the vehicle or charging device; When charging the vehicle, do not wash the charging port area to avoid damage to the vehicle or charging device.
4. Do not wipe the door protective panel with wet tissue, wet cloth, detergent etc. Pay attention to protection during the use of vehicle (such as on rainy days, washing vehicle) and try to avoid water intrusion into the door protective panel, otherwise it may cause internal electrical component fault etc.
5. Try to choose a place with a shelter for charging in the severe convective weather; If the vehicle is soaked in water or wading level is above the doorsill position, it may cause water to enter into the high pressure components. It is necessary to contact the authorized service station for proper test and treatment in time; Never drive on a road when water exceeds half of the tires.
6. Try not to drive on a road with unknown depth of water to avoid leakage accidents or damage to high voltage electrical components; If wading is necessary, analyze the road condition and confirm the depth of water before driving, and the water depth should not be higher than the bottom of the

## 1. RESCUE INFORMATION

body; It is recommended not to stay in deep water for a long time during wading, otherwise vehicle high voltage components may be damaged.

### Driving in wade

■ When vehicle drives in wade:

1. If you cannot drive the vehicle away from the waterlogged area, please cut off power supply immediately.
2. When driving in wade, do not stop the vehicle and keep driving at low speed (vehicle speed cannot exceed 10 km/h).
3. Drive the vehicle away from the waterlogged area and park it in a safe area. Check if there is any water in the vehicle, and clean it if there is.

■ After vehicle drives in wade:

1. If the vehicle is severely flooded, all persons in the vehicle must evacuate to a safe area immediately.
2. After the vehicle drives in wade, slightly depress the brake pedal several times to remove any residual water from the brake disc and ensure that the brake system can work properly.
3. Go to the authorized service station for routine inspection as soon as possible, as water may enter into components of the drive train system and dilute the grease, causing system malfunction when vehicle drives in wade.

### Fire prevention

■ In order to prevent vehicle fires effectively, pay attention to the following precautions during usage:

1. Do not leave flammable and explosive materials in the vehicle.

In hot summer, the internal temperature of the vehicle parked in the sun can reach more than 70°C. If lighters, cleaner, perfume and other flammable and explosive materials are left in the vehicle, it is very easy to cause fire or even explosion.

2. After smoking, make sure that the cigarette butt is completely extinguished.

Smoking is not only harmful to health, but also may cause fires. If the cigarette butt is not completely extinguished, it may cause a fire.

3. It is recommended to regularly go to the authorized service station for inspection.

Check the engine compartment for oil leakage regularly and clean any oil stain or oil on the engine in time.

Check regularly if vehicle circuits, electrical appliances and wire harness connectors, insulation and fixing position are normal. If any problem is found, handle it in time.

4. Do not modify vehicle circuits or add electrical components.

- a. It is strictly prohibited to use fuses or other metal wires that exceed the rated specifications of electrical appliances to replace fuses.
- b. Installation of other electrical appliances (such as high power audio and light) can cause excessive load on circuits, and wire harness is prone to heating, causing fires. Improper modification of electrical appliances and circuits can create contact resistance and abnormal heating, causing fires.

#### 5. Precautions for driving.

When parking the vehicle, especially in summer, it is important to check underneath for flammable substances, such as hay, dead branches and leaves, or wheat straw. If there are flammable substances under the vehicle, it is very likely to cause fires. When driving, the vehicle should also avoid roads covered with flammable materials such as dry leaves, wheat straw and weed etc. as much as possible, or stop vehicle in time to check underneath for flammable materials after passing through such roads. When parking, try to avoid areas exposed to sunlight as much as possible.

#### 6. Always leave portable fire extinguishers in the vehicle and master the usage methods.

To ensure vehicle safety, fire extinguishers should be equipped in the vehicle and regularly inspected and replaced; At the same time, it is important to be familiar with the usage of fire extinguishers and be prepared to avoid being helpless in case of accidents.

#### 7. When repairing or maintaining a vehicle, it is necessary to disconnect the battery (12 V) power.

### Fire treatment

■ If the vehicle is on fire, take effective measures promptly and calmly to minimize losses:

1. After the accident occurs, contact the insurance company for post-treatment in time.
2. After the fire department extinguishes the fire, ask for a police certificate and a statement of the fire cause.
3. Generally, a fire has early warning signs (such as abnormal noise or odor from body). Once abnormal conditions are found, shut down the vehicle in time, and carry out active rescue according to the actual situation.
4. If smoke is found in the front compartment, do not open the front compartment cover immediately (As doing so will intensify the combustion and spread of the fire due to a large amount of air. Because the combustion material in the front compartment is limited, closing the front compartment cover can control the slow burning of the fire, which is conducive to extinguishing it).

## 1. RESCUE INFORMATION

5. If fire occurs, leave the dangerous area immediately and call the fire telephone. Be sure to inform the rescuers that this is a hybrid vehicle, and deliver the onboard rescue information card to the rescuers.

### WARNING

When fire occurs, never touch any part of vehicle directly. Keep away from the vehicle and wait for professional rescuers wearing appropriate protective device to operate it.

### **Power battery leakage**

If power battery leaks, leave the dangerous area immediately and call the fire telephone. Be sure to inform the rescuers that this is a hybrid vehicle, and deliver the onboard rescue information card to the rescuers.

### WARNING

High voltage battery liquid leakage caused by collision can only be operated by professional rescuers who wear protective mask and solvent-isolation gloves. Do not touch liquid directly.

### **Vehicle cutting area**

Vehicle pillar uses cast aluminum alloy to protect personal safety. If it is necessary to cut during rescue, proper tools should be used. It is forbidden to cut the high temperature and high voltage areas of the vehicle.

### WARNING

When cutting the vehicle, professional rescuers must use appropriate tools such as hydraulic cutter etc. and wear appropriate personal protective device to avoid serious personal injuries.

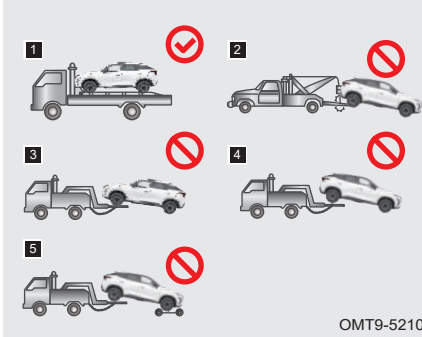
### **Towing Vehicle**

If the vehicle needs to be towed, it is recommended to contact authorized service station or professional towing services department, or ask for help from the roadside rescue service organization you have joined.

### WARNING

- Damage caused by transportation is not covered by the warranty.
- To transport the vehicle, follow the instructions below strictly.
- Do not tow your vehicle only with ropes or chains by other vehicles.

## Using platform trailer



Please use **1** platform rescue vehicle to load your vehicle.

Vehicle towing precautions are as follow:

- Tow with four wheels off ground. Do not use the rescue method **2 3 4 5** shown in the figure.
- Before towing, shift the gear position to N, turn on hazard light, and close the doors.
- During towing, nobody is allowed to seat in the accident vehicle.

 CAUTION

Do not move the vehicle with forklift when vehicle is broken down.

 WARNING

- No person or object is allowed behind the trailer when the vehicle is pulled onto the platform rescue vehicle, otherwise it may cause personal injury or death.
- The vehicle can only be towed away from the site if there is no safety risk. If the vehicle power battery pack has deformation, leakage, smoke, etc., the safety risk should be solved first.