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# Reading instructions

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This manual is intended to introduce the emergency rescue information on VOYAH Dreamer. Before using the vehicle for the first time, please read this manual carefully, which will help you handle the accident correctly and get out of trouble quickly in case of emergency. If you have any questions on the vehicle or this manual, please consult a VOYAH after-sales service outlet.

## High voltage safety

- It is forbidden to touch, disassemble, repair or replace high voltage parts, cables and their connectors. High voltage circuits are dangerous and can cause serious injury or death in case of electric shock.
- Even if the cooling system is equipped, the high voltage parts in operation or just stopped from operation are still hot, so do not touch them to avoid scalding.
- Please carefully read and strictly follow the instructions on the label of the high voltage parts of the vehicle.

## High voltage battery

- When the power battery needs to be replaced or scrapped, please contact the VOYAH after-sales service outlets. If the power battery is not disposed of properly, it may cause serious injury or even death. Unauthorized removal, dismantling or random discarding of the power battery will cause pollution to the environment, and the person involved shall be held responsible for the resulting environmental pollution or safety accident.
- For the maintenance, repair, removal & refitting, recycling or disposal of the power battery, please contact the VOYAH after-sales service outlets.

## Vehicle scrapping

- When the vehicle needs to be scrapped at the end of its service life, please contact a VOYAH after-sales service outlet for disposal.
- Please do not disassemble or remove the vehicle parts, especially the high voltage battery, to avoid serious safety accidents.

## Traffic accident

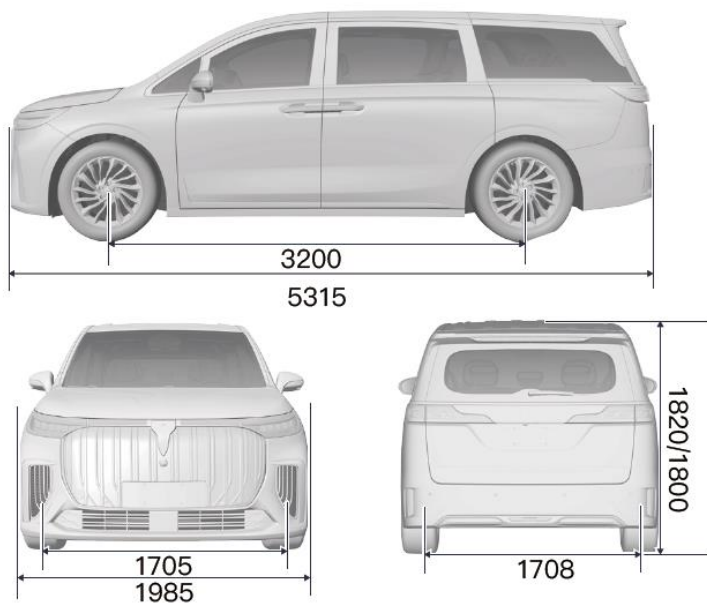
The following measures shall be taken in time when the vehicle has the following conditions due to traffic accidents:

- Please do not touch the exposed high voltage parts and cables to avoid electric shock and serious personal injury.
- In case of leakage of unknown liquid, do not touch it to avoid contact with harmful substances and personal injury.
- In case of vehicle smoking, stay away from the vehicle and call the police for help.
- If towing is needed, please contact VOYAH after-sales service outlets or professional towing companies.

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## VOYAH Dreamer Model Information

### ► Basic vehicle parameters



Item name		Parameter (mm)	
Overall dimensions	Length	5315	
	Width	1985	
	High	1820 (coil spring)	1800 (air spring)
Wheelbase		3200	
Wheel track	Front wheels	1705	
	Rear wheels	1708	

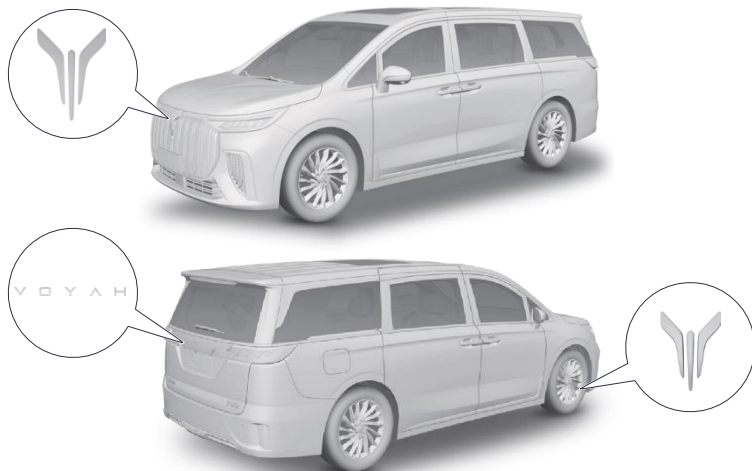
Product model	Curb weight (kg)	Maximum total mass (kg)
H56Z	2678	3384



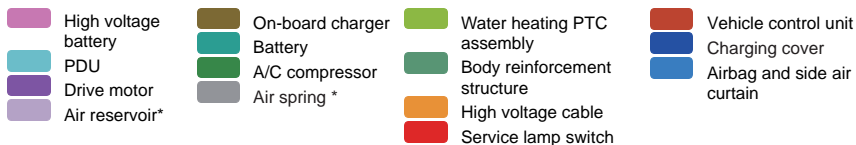
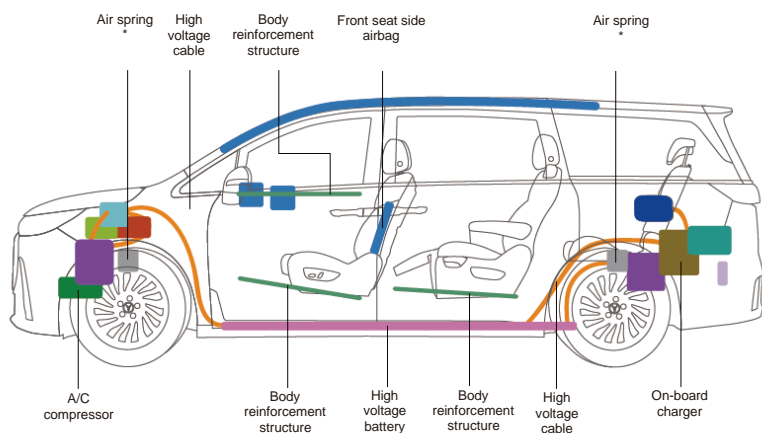
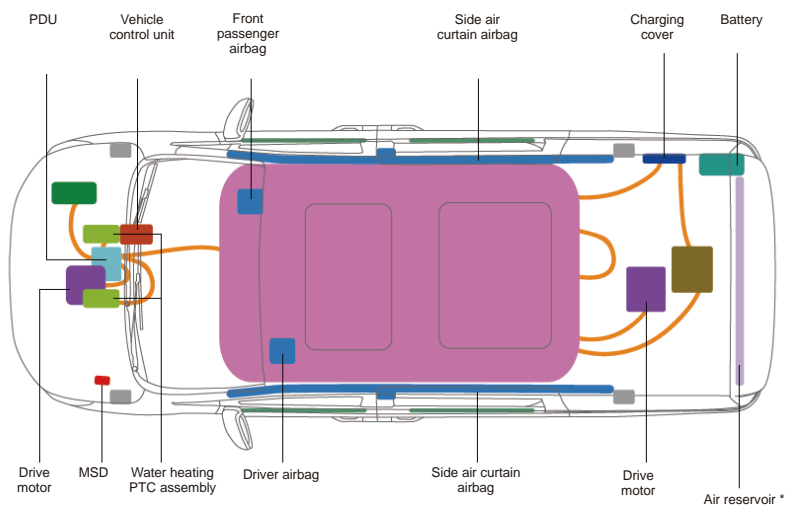
## ► Vehicle manufacturer information

Manufacturer information	
Name	Dongfeng Motor Corporation
Address	Huangjinkou Industrial Park, Wuhan Economic and Technological Development Zone, Hubei Province

## ► Appearance identification information



## ► Powertrain information



## High Voltage Battery Information Table



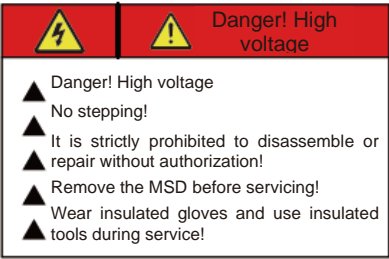
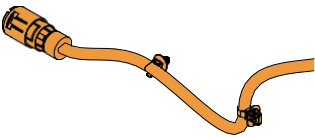
High voltage battery	Battery type	Ternary lithium ion battery
	Rated voltage (V)	324
	Rated energy (kW h)	108.7
	Rated capacity (Ah)	335.6

### ► High voltage cutoff mode

- Method ①: Power off the vehicle, open the POT, remove the battery access cover, first disconnect the negative cable of the battery, and then disconnect the low-voltage MSD in the front cabin.
- Method ②: When the vehicle is stationary, pressing and holding the hazard warning lamp switch can cause the vehicle to be urgently powered off.
- Method ③: If methods ① and ② are not applicable, lift the vehicle, and disconnect the high-voltage output cable connector of the high voltage battery provided that the personal protection is made properly.

## Safety signs and symbols

### ► Safety signs and symbols

Category	Illustration	Definition
With high voltage safety labels		Danger! High voltage
Safety labels of high voltage parts		Danger! High voltage Non-professional maintenance personnel are not allowed to touch the part!
High voltage battery pack label		Danger! High voltage No stepping! Non-professional maintenance personnel are not allowed to touch the part!
HV harness		High voltage harness, no touch by non-professional maintenance personnel!

### ⚠ WARNING

- Insulated gloves must be worn when operating the high-voltage connectors, and safety helmet must be worn when working under the vehicle.
- When operating the vehicle, please do not carry metal products (such as metal necklaces, mechanical watches, etc.) to avoid electric shock injury.

## Emergency procedures

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### ► Protective equipment for emergency rescuer

#### Communication equipment

The communication equipment used in emergency rescue is generally classified into wired and wireless types. In rescue work, wired and wireless devices are often used together.

#### Transportation

The rapid rescue can be achieved by good transportation such as automobiles and aircrafts.

#### Lighting equipment

An accident scene tends to be chaotic, so good lighting shall be ensured during the rescue. The rescue team must be equipped with good lighting equipment to facilitate the rescue work.

#### Protective equipment

Personal protective equipment is essential before rescue work. During the emergency rescue, each member of the rescue team shall be equipped with personal protective equipment.

##### Electrical protection

Please wear the following protective equipment to avoid high-voltage electric shock:

- Rubber insulated gloves (for voltages above 500 V).
- Goggles
- Insulated shoes.
- Tools with insulated sleeves.

##### Chemical protection

In case of battery leakage, please wear the following protective equipment to prevent damage to skin and face:

- Protective mask.
- Solvent insulated gloves.



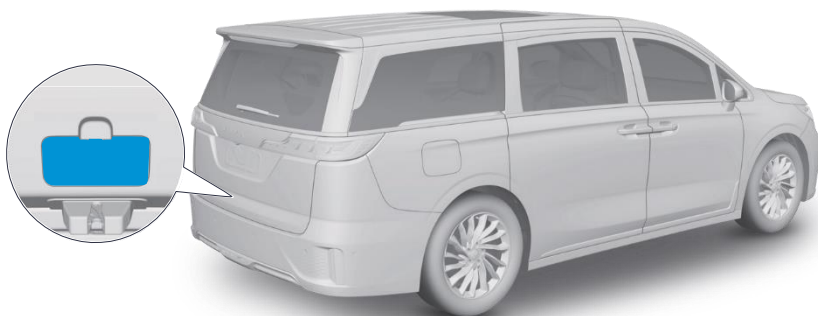
## ► Power-off method



1. When the vehicle comes to a standstill, shift the gear to P and the EPB will be automatically activated.
2. Unfasten the driver seat belt and open the driver door to make the vehicle exiting the "READY" state;
3. Get out of the vehicle and lock the door from the outside to automatically power off the vehicle.

## ► Escape device

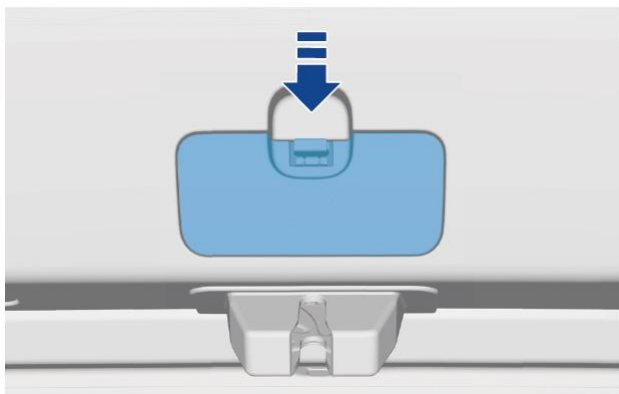
### Open the electric tailgate in emergency



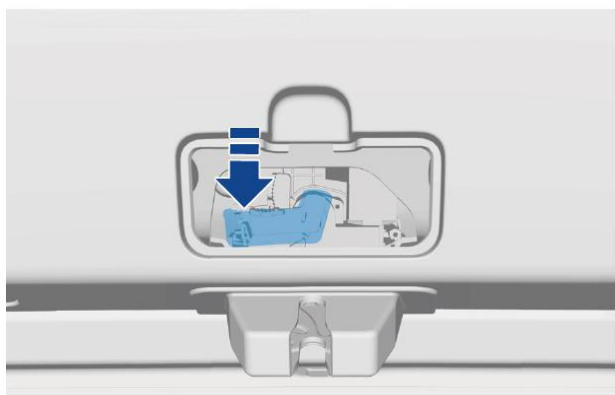


When the POT cannot be opened electrically, it can be opened from the inside of the car in an emergency:

1. Fold down the rear seat backrest;
2. Open the emergency switch trim cover on the inner side of the POT;



3. Press down the emergency switch and push the POT outwards.



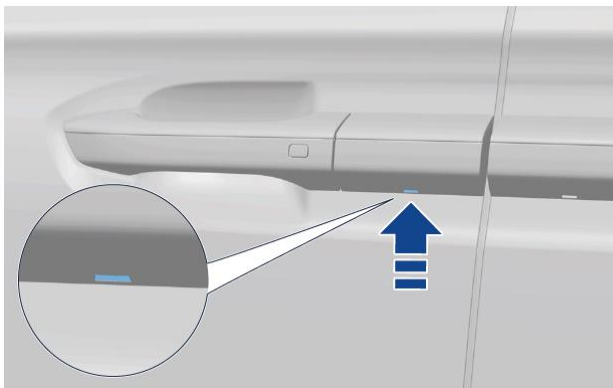
### Prompt

- When the POT cannot be opened in an emergency, please contact the VOYAH after-sales service outlets.

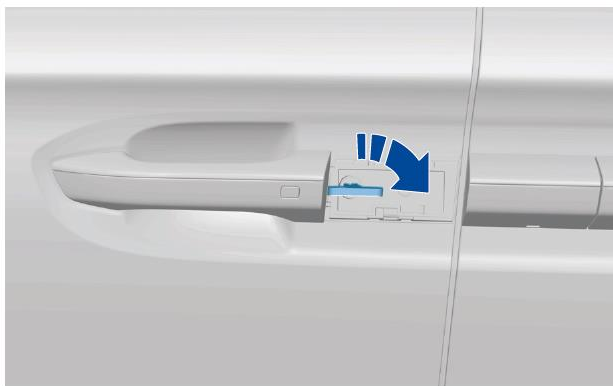
## Emergency door opening

When the vehicle battery is depleted, the door can be opened by the mechanical key in an emergency:

1. Insert the mechanical key into the position indicated by the arrow in the figure above, and pry open the trim cover of the lock cylinder;



2. Insert the mechanical key into the lock hole, and turn the key clockwise to unlock the driver side door. Pull out the mechanical key to open the driver door, and other doors can be opened through the inner handle.



### CAUTION

- In extreme cold weather, when using the mechanical key to open the door, if the key cannot return to position, please do not forcefully remove the key, but contact the VOYAH after-sales service outlets.

## ► Call for rescue

If the vehicle is subject to collision, water soak or fire, please set up the warning triangle properly, then move to a safe place and make an emergency call. The rescue team will come to help you as soon as possible.

## Rescue of wading vehicle

When the vehicle needs to be rescued due to wading, the rescuers shall follow the steps below:

1. Confirm the high voltage system structure and surrounding environment of the vehicle, and formulate a sound rescue plan.
2. Wear wading protection equipment with good insulation.
3. Fix the vehicle and cut off the power of the vehicle.
4. Personnel search and rescue: Open the door on the premise of ensuring safety, break the window if necessary to rescue the trapped people in the vehicle, and send them to the hospital in time.
5. Vehicle salvage: contact the organization with salvage qualification to carry out vehicle salvage with good insulation to avoid electric shock accidents.

## Rescue of vehicle on fire

If the vehicle emits smoke or catches fire, the following measures shall be taken in time:

- When driving: Pull over immediately, cut off the power, and evacuate the people in the vehicle.
- When charging: Immediately cut off the external power supply and evacuate the people around the vehicle.
- When parking: Immediately evacuate people around the vehicle.

In case of a small fire without personal injury, water-based fire extinguishers can be used to extinguish the fire on the premise of ensuring personal safety. If the fire is large or someone is injured, quickly evacuate to a safe area and immediately call for help. If there is a fire sprinkling truck on site, the fire can be extinguished by a large amount of water.

### CAUTION

- If the battery catches fire, the vehicle will automatically cut off the power, and the high voltage battery MIL on the instrument cluster will light up. Please pull over immediately, cut off the power, evacuate the people in the vehicle and call for rescue.

### WARNING

- The air stored in the air reservoir of the air suspension may expand and explode in the high temperature environment. Please be careful before operation to avoid personal injury.

## Rescue of leaking high voltage battery

If the high voltage battery leaks, a fire may occur due to high temperature. Therefore, rescuers shall first cool down the battery and then use professional equipment to deal with the leaked liquid:

- In case of a small amount of leakage, it can be absorbed with absorbent and placed in a closed container.
- In case of a large amount of leakage, it shall be treated as a hazardous chemical.

### CAUTION

- If the human body accidentally comes into contact with the spilled liquid, take off the contaminated clothing and seek medical attention immediately.

## Vehicle cutting

High temperature and high voltage areas of the vehicle are forbidden to be cut, such as airbag related parts, high voltage parts, air suspension, air reservoir, etc. If other parts need to be cut, rescuers shall wear professional protective equipment and select appropriate cutting equipment for cutting operation.

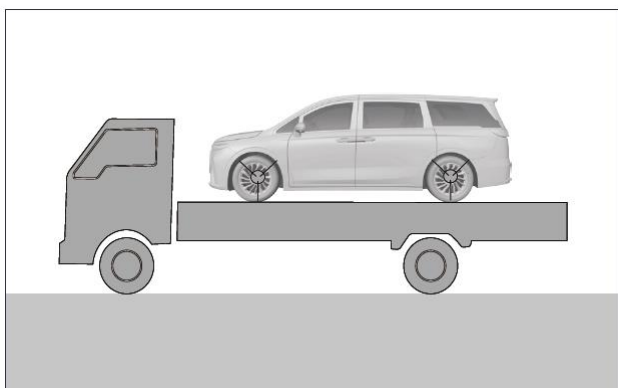
## ► Towing

If towing is needed for the faulty vehicle, please contact a VOYAH after-sales service outlet or professional towing companies. Before towing, please turn on the hazard warning lamps, close the doors and lock the vehicle.

### Trailer mode

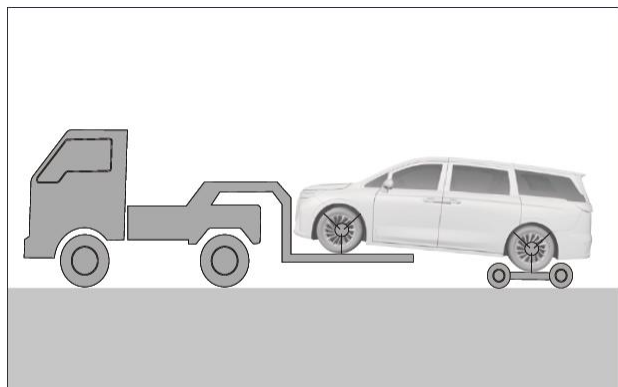
There are two towing methods available: platform trailer or vehicle lift trailer. Platform trailer is recommended. A underlift tow truck may also be used if the vehicle's wheels and axles are in good condition.

#### Platform trailer



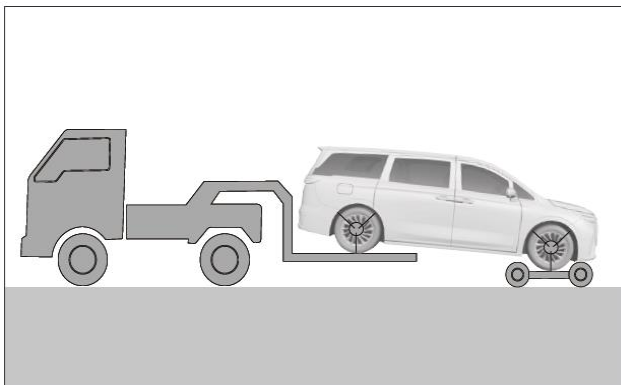
As the best way to transport the vehicle, it loads and transports the vehicle directly on the truck.

#### Wheel lift truck towing from the front



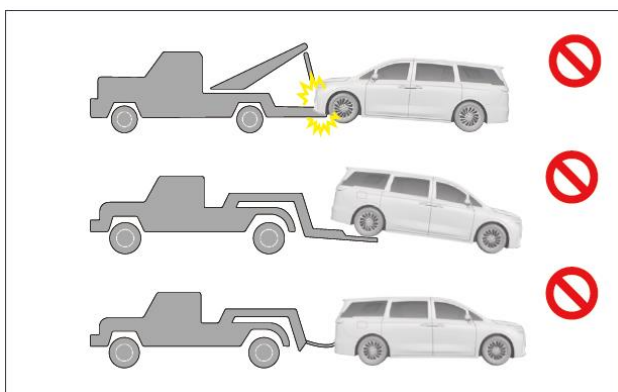
A towing trolley is placed under the rear wheels of the towed vehicle.

### Wheel lift truck towing from the rear



A towing trolley is placed under the front wheels of the towed vehicle.

### Incorrect towing methods



The vehicle should be towed with four wheels lifted off the ground instead of direct hauling.

### **⚠ WARNING**

- The vehicle can only be towed away after eliminating all potential safety hazards. If the high voltage battery of the vehicle is deformed, leaky, smoking, etc., you shall quickly get away from the vehicle and call for help in time.