

Foreword

This manual is intended to aid emergency responders in recognizing this vehicle and responding appropriately to incidents involving these vehicles.

For any inquiries, please contact your local authorized dealership.

Sincerely appreciate the care and efforts made by professionals for emergency rescue to protect our valued customers and users.

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Vehicle Overview

This electric vehicle is equipped with a 70kW peak power drive motor as its power source. The electric energy for the drive motor is supplied by either a 31.45kWh or 42.3kWh high-voltage lithium-ion power battery located beneath the cabin.

Most of the high-voltage power battery's electric energy needs to be replenished through external power sources, while regenerative braking can also help recover a portion of the battery's electric energy.

Battery Types

This electric vehicle is equipped with two types of batteries:

Standard 12V battery: Provides power for airbags, interior and exterior lighting systems, and other standard 12V electrical systems.

High-voltage power battery: Supplies power to the vehicle's drive motor, electric compressor, and other high-voltage components, while also charging the 12V battery.

Regenerative Braking and Energy Recovery

When driving, if you release the accelerator pedal or lightly press the brake pedal, you may experience noticeable braking effects; this is a normal occurrence.

This is because the drive motor engages in braking (regenerative braking) and acts as a generator to recover energy for the power battery, achieving energy recovery.

During the first few kilometers of driving after the battery is fully charged, regenerative braking will decrease.

At this time, you may feel unaccustomed; it is essential to always use the brake pedal when needed for braking rather than relying on motor braking.

Vehicle Description

Mute

When driving an electric vehicle at low speeds, it is exceptionally quiet. You may not be accustomed to it, and neither will other drivers nearby. Therefore, the vehicle is equipped with a low-speed warning sound feature. This feature emits a warning sound when you drive the vehicle at low speeds, alerting pedestrians and surrounding vehicles, serving as a precautionary measure. It is recommended to keep this feature enabled.

When driving the electric vehicle at high speeds, you may hear some unfamiliar noises such as wind noise and tire noise. This is due to the silent operation of the motor, allowing other noises to be more clearly audible.

Every time the vehicle is powered on or the brake pedal is pressed, the brake vacuum pump will automatically operate, producing a "sizzling" sound. This is a normal occurrence and will quickly dissipate.

WARNING

Due to the quiet nature of electric vehicles, it is essential to confirm that the parking brake is engaged when exiting the vehicle. Failure to do so may result in serious accidents or personal injury.

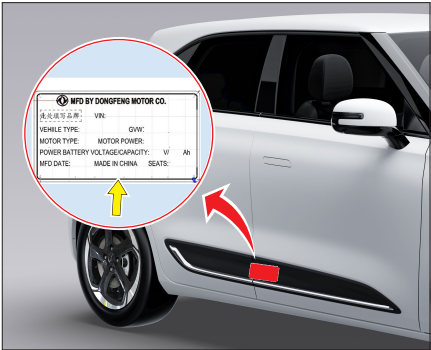
Exterior



Technical Specifications

Model Series	Dongfeng BOX	
Body Style	5-Door, 5-Seat, Two-Box, Monocoque	
Seating Capacity	5	
Overall Vehicle Dimensions (mm)	Length	4020
	Width	1810
	Total Height (Unladen)	1570
Maximum Permissible Total Mass (kg)		1600&1626&1699(Non EU) 1656&1730(EU)

Manufacturer Information



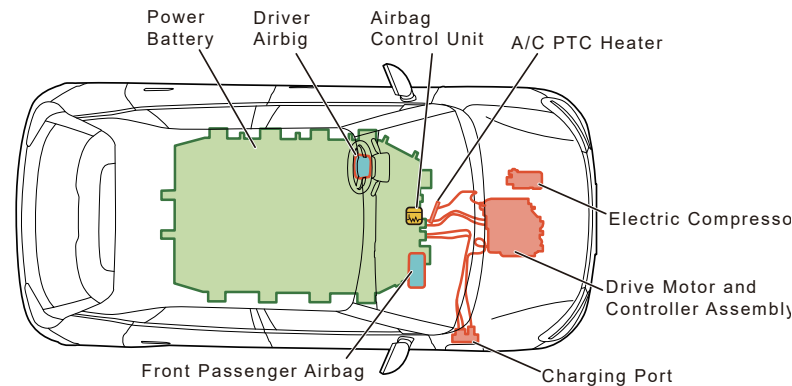
Vehicle Manufacturer Information can be found on the complete vehicle product label affixed to the outer panel of the B-pillar on the right side.

Vehicle Manufacturer: Dongfeng Motor Corporation Limited

Address: 21st Floor, Block H, Donghe Center, No. 1 Dongfeng Third Road, Economic and Technological Development Zone, Wuhan

Power Battery Information

Power Battery



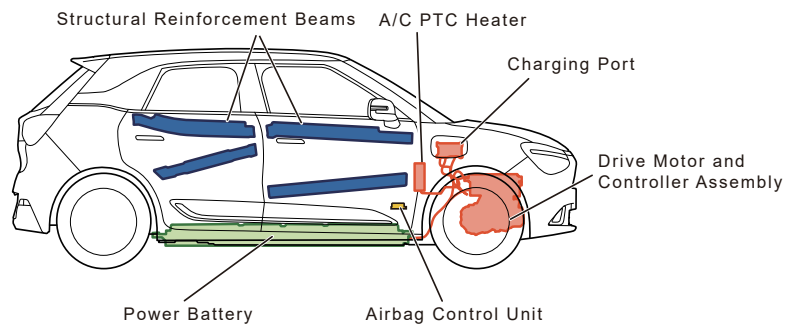
High Voltage Cables

High-voltage cables are wrapped in easily identifiable orange insulation. These cables are intentionally routed away from common rescue cutting points.

The high-voltage lithium-ion power battery is located directly under the cabin, with a capacity of 32.56 kWh or 43.89 kWh. The power battery supplies electrical energy to high-voltage components such as the drive motor and electric compressor.

Power Battery	Type	LFP (Lithium Iron Phosphate)
	Rated Energy (kWh)	32.56(DFM7000A2F3BEV)/ 43.89(DFM7000A2F4BEV)
	Rated Voltage (V)	307.2(DFM7000A2F3BEV)/ 309.1(DFM7000A2F4BEV)

Drive Motor and Controller Assembly



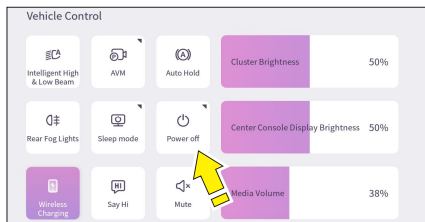
The drive motor and controller assembly is similar to the engine and engine controller in a gasoline vehicle, with the difference being that the electric power for the drive motor is provided by a high-voltage lithium-ion power battery.

Best Methods for Cutting High Voltage



For vehicles with a power cut-off physical switch:

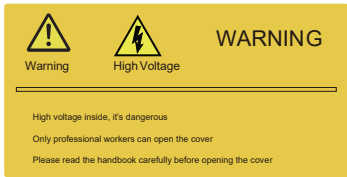
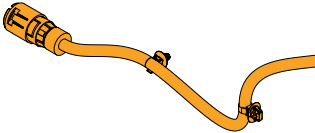
Press and hold the power cut-off switch on the left side of the dashboard to shut off the high-voltage system of the vehicle.



For vehicles without a power cut-off physical switch:

Pull down the negative one screen interface under MP5, then press the power off soft switch to shut down the vehicle.

Information Table

Category	Illustration	Explanation
High Voltage Electrical Safety Label		High Voltage Danger!
High Voltage Component Safety Label		High Voltage Danger! For professional use only. Do not touch!
Battery Pack Label		High Voltage Danger! No Stepping! For professional use only. Do not touch!
High Voltage Harness		High Voltage Harness, For professional use only. Do not touch!

WARNING

- When inserting or removing high-voltage connectors, wear insulated gloves. Wear a safety helmet when working underneath the vehicle.
- Ensure you are not carrying metal items (such as metal necklaces, mechanical watches, etc.) while operating the vehicle to prevent electric shock accidents.

Emergency Information

Required Protective Gear

Communication Devices

The communication equipment used for emergency rescue is generally divided into two categories: wired and wireless. In rescue operations, both wired and wireless devices are often used in conjunction.

Transportation Vehicles

Having reliable transportation is crucial for carrying out rapid rescue operations. In emergency rescue missions, cars and airplanes are commonly used as the primary means of transportation.

Lighting Devices

The situation at the accident scene is often complex, requiring good lighting during rescue operations. Rescue teams must be equipped with adequate lighting tools to facilitate the smooth progress of rescue work.

Protective Equipment

To effectively protect oneself is to better engage in rescue operations. In emergency rescue missions, rescue teams must be equipped with personal protective equipment.

Electrical Protection

Please wear the following protective gear to prevent high-voltage electric shock injuries:

- Rubber insulated gloves (insulated for voltages above 500V).
- Safety goggles.

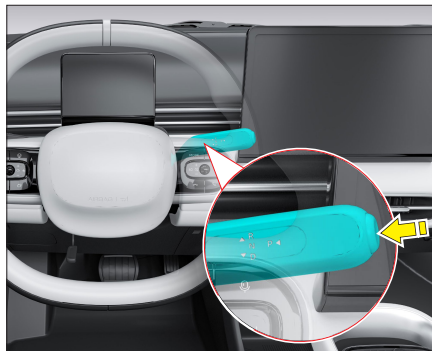
- Insulated shoes.
- Tools with insulated protective sleeves.

Chemical Protection

In the event of battery leakage, please wear the following protective gear to prevent skin and facial injuries:

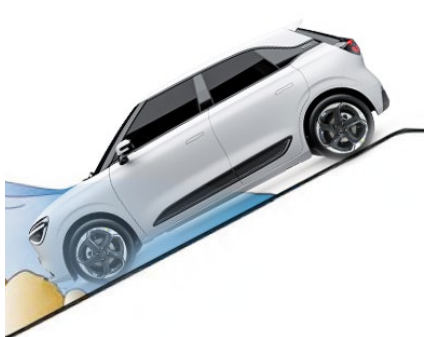
- Face shield.
- Solvent-insulated gloves.

Parking Operations



Depress the brake pedal to smoothly bring the vehicle to a stop, then press the P button to engage the automatic parking brake. Exit the vehicle, close the doors securely, and lock the vehicle.

Driving Through Water



If the electric vehicle is submerged or partially submerged in water, first lift the vehicle out of the water. Then, disconnect the high-voltage power from the battery.

Touching the vehicle's body or frame poses no risk of electric shock, unless the vehicle is severely damaged. However, before salvaging the vehicle, ensure there is no high voltage present to prevent electric shock.

Vehicle Encountering Fire



Damaged high-voltage lithium-ion batteries may emit toxic gases, and the organic solvents used as electrolytes are flammable and corrosive. Therefore, emergency responders should wear appropriate personal protective equipment.

Emergency Information

Fire Extinguish

If the battery catches fire, emergency responders should always ensure that the vehicle is outdoors and far away from other flammable objects to minimize the risk of surrounding fires.

Even after extinguishing a lithium-ion battery fire, a new fire may still occur or be delayed.

- Extinguishing a lithium-ion battery fire requires a large amount of continuous use of electrical fire extinguishers.
- When using water to extinguish the fire, use a large amount of water from a distance. Attempting to extinguish an electrical fire with a small amount of water (e.g., a garden hose) can be dangerous.
- Despite the visible flames being extinguished, there is still a

possibility of the vehicle reigniting. Please continue to use a fire extinguisher or cover and cool the vehicle with a large amount of water for a period of time, and maintain monitoring to prevent reignition.

Electric Shock



Contact with any energized high-voltage components without protection can result in severe injury or death. However, the risk of electric shock

from this electric vehicle is highly unlikely due to the following reasons:

- Contact with battery modules or other high-voltage components only occurs when the battery or components are damaged, exposing internal parts or when proper precautions are not followed.
- Contact with the drive motor only occurs after one or more components have been disassembled.
- High voltage cables can be easily identified by their distinctive orange outer sheathing, which helps prevent accidental contact.

If serious damage results in the exposure of high-voltage components, emergency responders should take appropriate precautions and wear suitable insulation protective equipment.

Preventing High Voltage

Cable Overcurrent

Before attempting to rescue passengers or move a damaged vehicle, it is essential to reduce the potential for the flow of current from the drive motor or high-voltage power battery through the high-voltage cable.

Collision



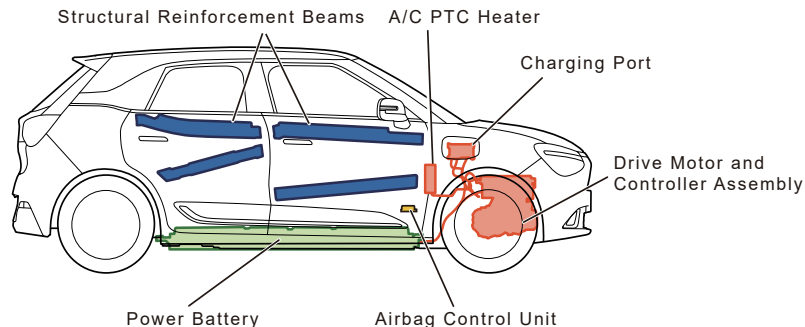
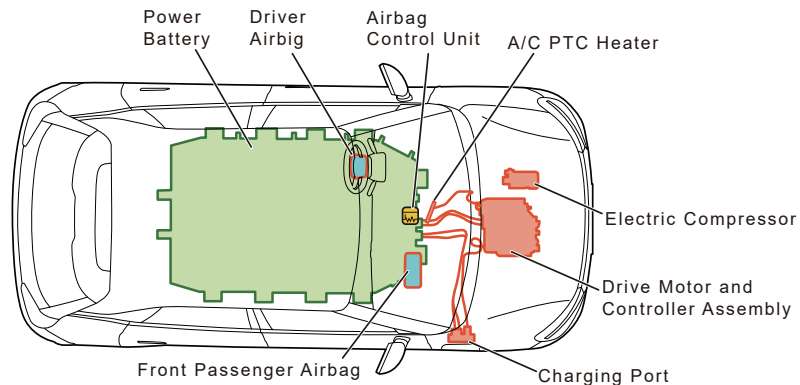
In the event of a collision, it is recommended that emergency personnel follow the standard operating procedures of their respective organizations to assess and address vehicle emergencies.

Given the understanding of this electric vehicle, it is advised that emergency responders follow the procedure on the following page to disconnect the high-voltage electricity,

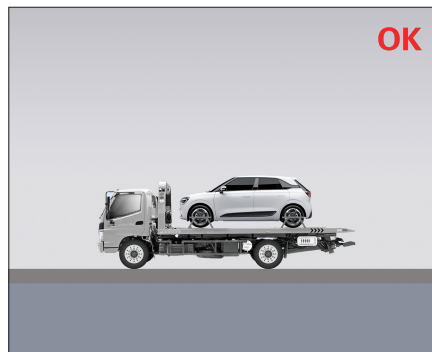
in order to mitigate the potential lethal threat posed by high voltage.

Cutting Locations

If it is necessary to cut the vehicle body or use hydraulic shears to rescue occupants, avoid the power battery (green), reinforcement ribs (dark blue), and high-voltage components (orange) parts.



Emergency Towing



It is recommended to prioritize the use of a platform trailer for towing. Directly utilizing a rescue vehicle to load and tow the vehicle is the optimal method for transporting vehicles.

**⚠ WARNING**

Under no circumstances should the vehicle be towed with all four wheels on the ground, as this may cause severe damage to the vehicle.

**⚠ WARNING**

Under no circumstances should the vehicle be towed with either the front wheels or rear wheels on the ground, as this may cause severe damage to the vehicle.