

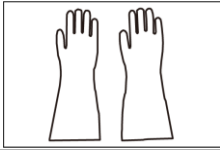



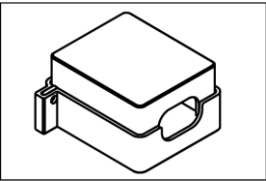


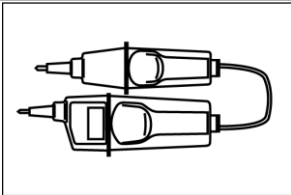
Power-off and power-on of high-voltage electrical system

Caution

- Before maintaining any components of the high-voltage electrical system, power off the system according to the following requirements, and power on it after maintenance, unless otherwise specified in the operating procedure.
- All high-voltage system wiring harnesses of the vehicle are orange. Before maintaining any components of the high-voltage system, take protective measures according to the maintenance requirements of the high-voltage system, such as wearing insulating gloves, insulating shoes and goggles, laying insulating pads, and setting high voltage warning signs.
- Maintenance operations on the high-voltage electrical system must be carried out by technicians with qualifications recognized by BYD and in compliance with local regulations.
- Violation against these safety reminders may result in personal injury or vehicle damage.

Personal protective equipment and tools

S/N	Picture	Name	Description
1		Protective mask	-
2		Insulating gloves	Insulation voltage above 1000 V
3		Non-slip gloves	-
4		Insulating shoes	Insulation voltage above 1000 V

S/N	Picture	Name	Description
5		Protective cover for high-voltage cable connector	For protecting the plug and preventing electric shock
6		Protective cover for high-voltage cable connector	For protecting the plug and preventing electric shock
7		Insulating lock	For protecting the plug and preventing electric shock
8		Voltage tester	For checking voltage of high-voltage components

Power-off of high-voltage electrical system

1. Drive the vehicle to the maintenance site.

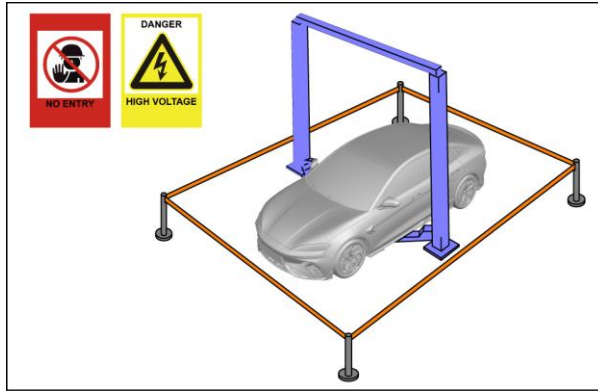
Reminder

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Set up protective fences in the maintenance area and place high voltage hazard warning signs.

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Only relevant personnel wearing personal protective equipment can enter the maintenance area.



2. Disconnect all charging/discharging cables of the vehicle.
3. Fully lower all windows and unlock all doors.
4. Power off the vehicle.
5. Power off the low-voltage electrical system. Refer to [Power-off and power-on of low-voltage electrical system](#)
6. Remove the left trim panel assembly of front compartment. Refer to [Removal and installation of left trim panel assembly of front compartment](#)
7. Disconnect the low-voltage service switch.

Caution

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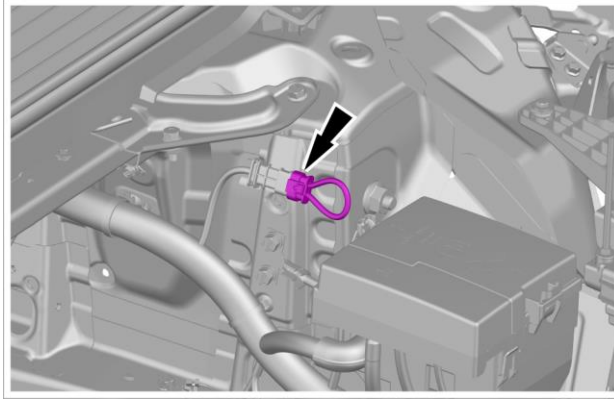
When the vehicle is undergoing maintenance of high-voltage components in a 4S store, or when there is a risk of electric shock due to abnormalities (such as collision and fire), it is necessary to disable high-voltage power. To facilitate disabling of high-voltage power, a low-voltage service switch should be added to the high-voltage system and connected in series in the high-voltage interlocking circuit.

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During removal of the low-voltage service switch, press and hold the female terminal of its connector to pull it out. Do not pull the wiring harness at the end of the connector.

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After disconnecting the low-voltage service switch, wait for 5 min and then remove high-voltage components.



Power-on of high-voltage electrical system

1. Before power-on, make sure that electrical circuits of the vehicle are well connected.
2. Install others in the reverse order of removal.
3. After all circuits of high-voltage and low-voltage electrical systems are connected, power on the vehicle (OK mode), and check that the electric appliances of the vehicle are functioning normally, and the vehicle can run normally. In this case, the high-voltage electrical system of the vehicle has been powered on.