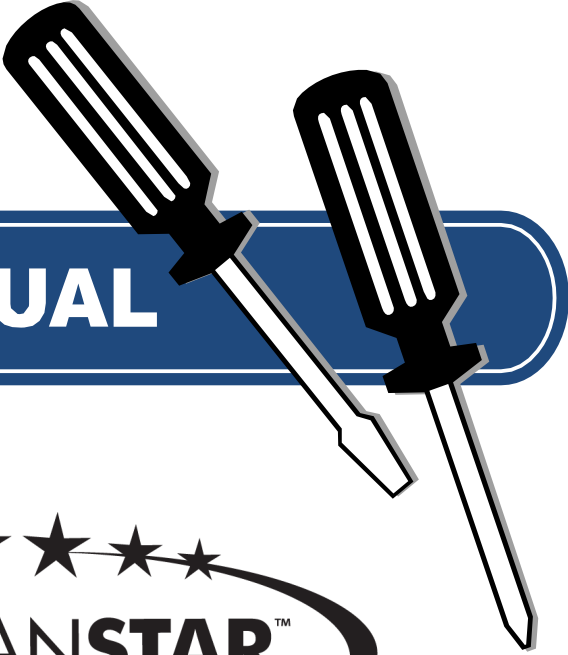




REPAIR MANUAL



Battery Backpack Vacuum Cleaner

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1 Appearance Disassembly

1-1 Detach the Back Panel

Remove the four screws and detach the back panel.



1-2 Upper Section

1-2-1 Head Cover Assembly

Unlock the latches on both sides and remove the head cover assembly.



1-2-2 Upper Section

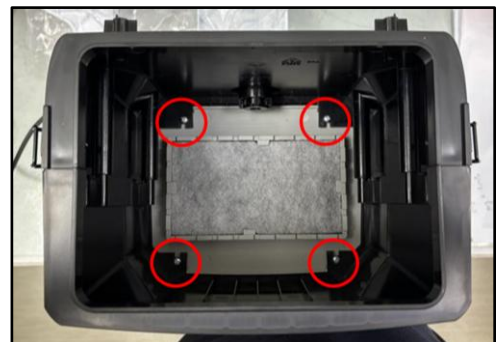
Remove the dust bag.



Remove the cloth bag.



Remove the screws to detach the upper section.



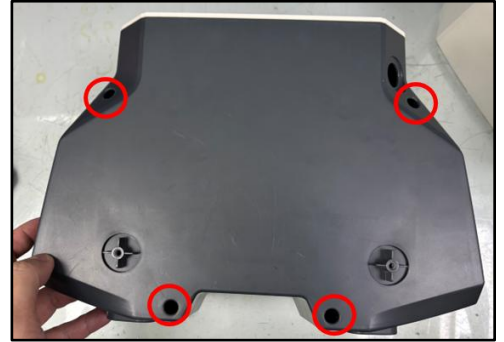
1 Appearance Disassembly

1-3 Lower Section (1)

Remove the motor cover.



Remove the screws on the rear parts to dismount the main body.



1-4 Lower Section (2)

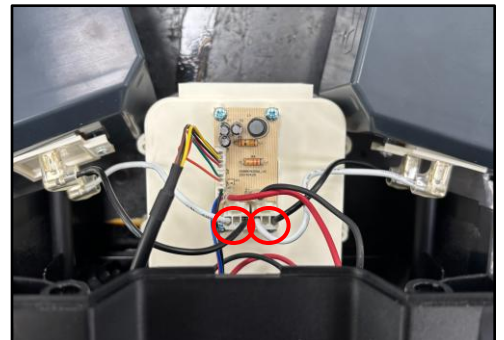
Dismount the main body.



Use your thumb to support the battery holder, firmly grip the holder with the other fingers, and pull it upward to remove it.



Disconnect the battery connectors.

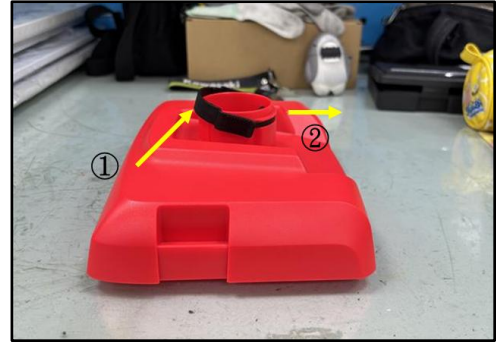


2 Parts Replacement

2-1 Hose Connector Fixing Clip

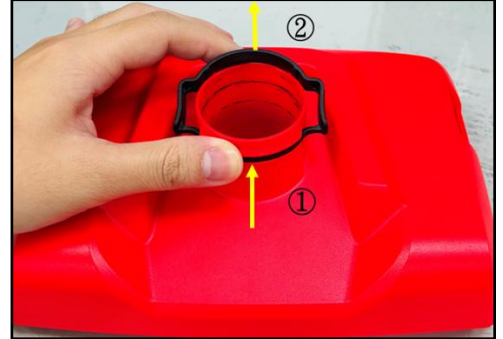
2-1-1 Removal

Lift the front end and push backward to remove.



2-1-2 Installation

Press the front end into the groove (as indicated by the arrow).



Push forward into the groove.

Place the two ribs of the fixing clip on the **outside of the hose connector rib** (as indicated by the arrow), then press down to secure.



2-2 Side Buckle

Cut off the rivet using diagonal pliers.

Replace with a new side buckle and fasten with a rivet gun.



Replace with a new side buckle and fasten with a rivet gun.

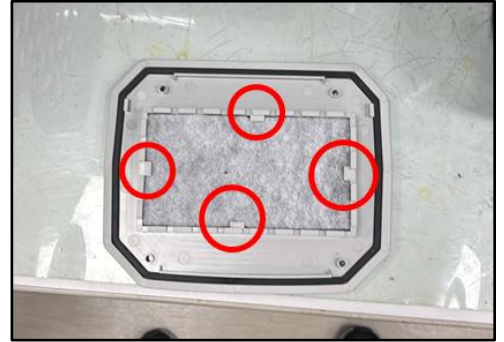


2 Parts Replacement

2-3 Pre- Motor Filter

Remove the pre-motor filter and install a new one.

Make sure to align and snap it into the four slots when inserting.



2-4 Rubber Sealing Gasket

Remove the old seal gasket.



Install a new seal gasket, make sure it fits into each corner properly.



2-5 Motor Cover

Unscrew the 4 screws and take off the motor cover to replace it with a new one.



2 Parts Replacement

2-6 Vibration-Damping Pad

Replace the outer vibration-damping pad.



Remove the screws.



Replace the inner vibration-damping pad.



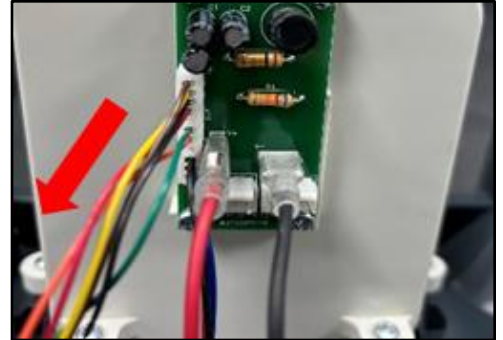
2 Parts Replacement

2-7 Motor

Unscrew the screws and remove upper motor cover.



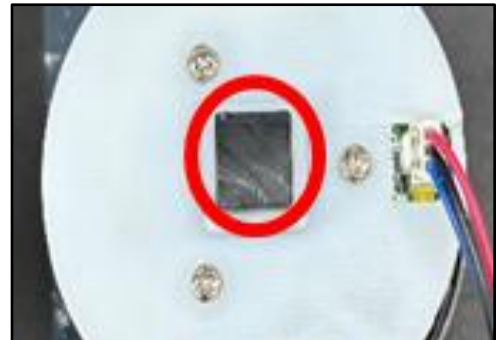
Disconnect all the motor wires from controller PCB board.



Remove the square vibration-damping pad from the bottom of the old motor.

Place the vibration-damping pad into the square slot at the bottom of the new motor.

Note: Ensure the pad is properly seated and aligned.



Insert the new motor and sound-absorbing foam into the lower motor housing in the correct position. Place the magnetic clasp and wires in the area as circled.



Placing the upper motor cover on and secure it with screws.



2 Parts Replacement

2-8 Controller PCB Board

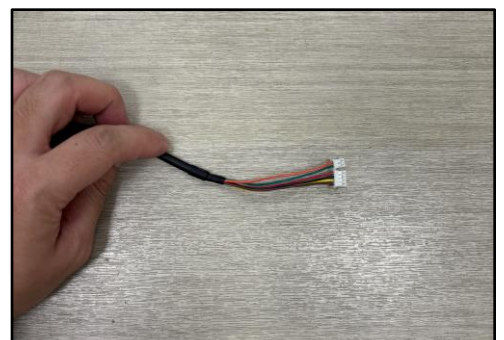
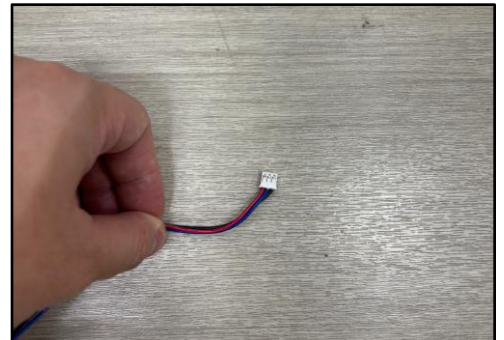
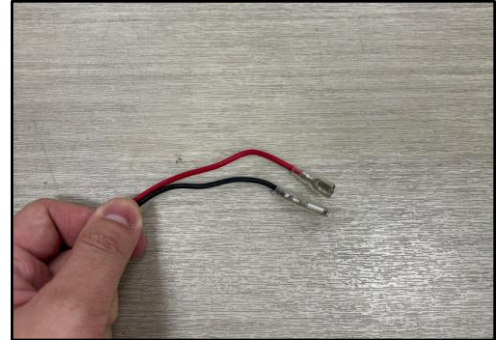
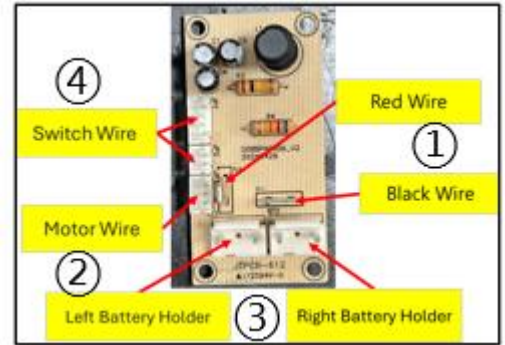
Insert the terminals according to the positions shown in the diagram.

The diagram shows the motor's red and black wires (labeled ①).

The diagram shows the motor's wire (labeled ②).

The diagram shows the connection wires for the left and right battery holders (labeled ③).

The diagram shows the switch wires (labeled ④).

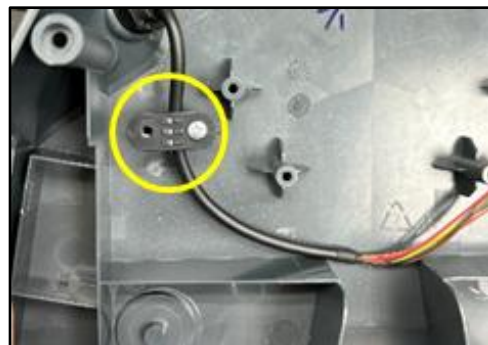


2 Parts Replacement

2-9 Switch Wire

2-9-1 Remove and replace

Remove the screws first.

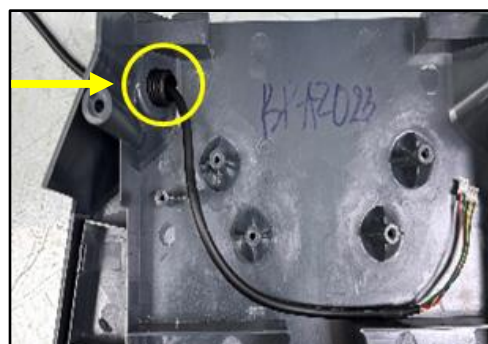


Loosen the nut to remove the switch wire.



2-9-2 Replace and assemble

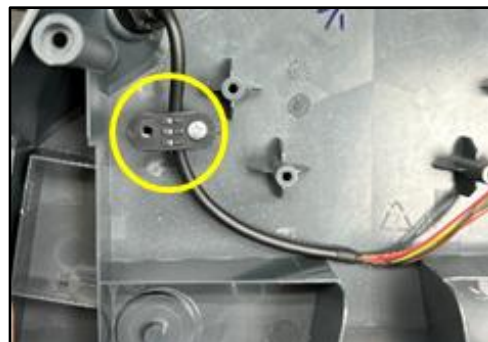
Pass the wire fastening head through the hole at the rear of the main body.



Thread the nut onto the wire fastening head and tighten it.



Secure the screw onto the wire clamp.



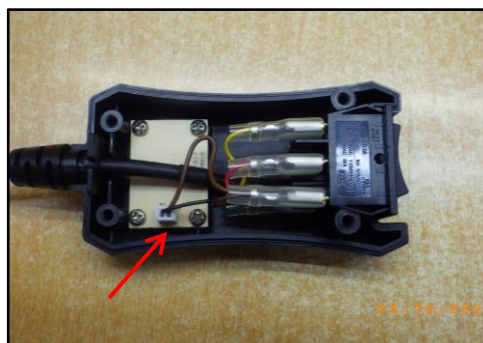
2 Parts Replacement

2-10 Battery Level Display Board

Remove the screws and disassemble the switch assembly.



Disconnect the power cord from the battery level display board.



Remove the screws and replace the battery level display board. °



2 Parts Replacement

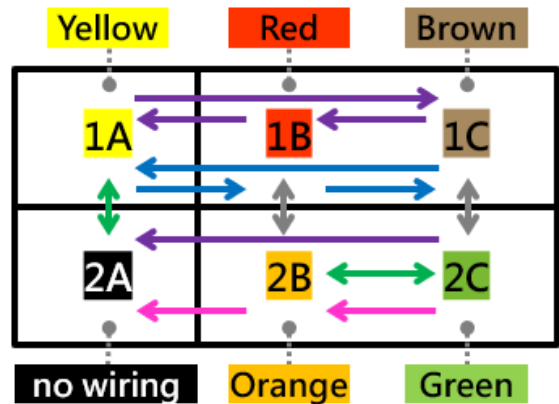
2-11 Power Switch Assembly

Remove the switch and replace it with a new one, then insert the switch according to the positions shown in the diagram.

Disconnect the wire to replace new switch.
Make sure to follow the diagram for wire connection and placement direction.



There is color allocation on the switch, make sure to match them with wire connection.



Make sure the switch placement direction is correct as diagram shows.



2-12 Harness and Back Panel Assembly

Remove the screws to detach the harness and back panel and replace them with new set.

