



POWER CORE E100 SERIES REAR WHEEL / HUB MOTOR / BATTERY REPLACEMENT

Required Tools: (Not included)

- Phillips screwdriver
- Two (2) 13 mm wrenches

Part Numbers:

POWER CORE E100 REAR WHEEL / MOTOR (BLUE) PART # W13111298048
POWER CORE E100 REAR WHEEL / MOTOR (PURPLE) PART # W13111248048
POWER CORE E100 REAR WHEEL / MOTOR (RED) PART # W13111288048
POWER CORE E100 BATTERY PART # W13111243003

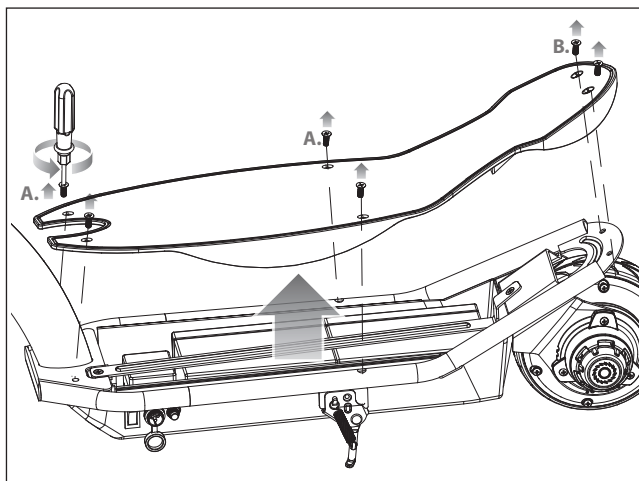
WARNING

⚠ CAUTION: To avoid potential shock or other injury, turn power switch OFF and disconnect charger before conducting any assembly or maintenance procedures. Failure to follow these steps in the correct order may cause irreparable damage.

Step 1

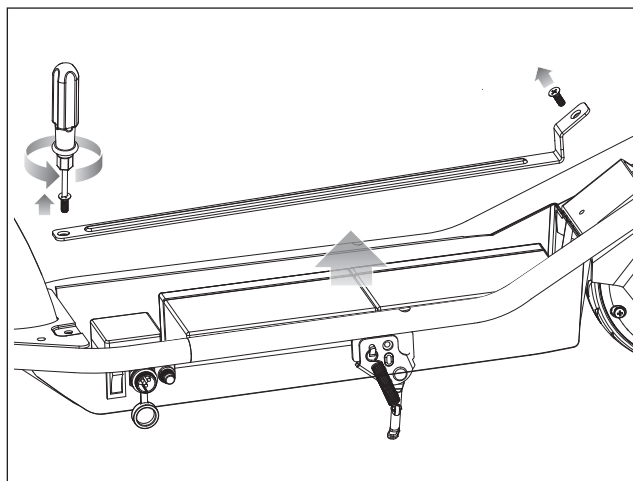
Using a Phillips screwdriver, remove the six (6) screws on the deck and remove the deck plate.

Note: There are two (2) sizes of screws, A-Small, B-Large.



Step 2

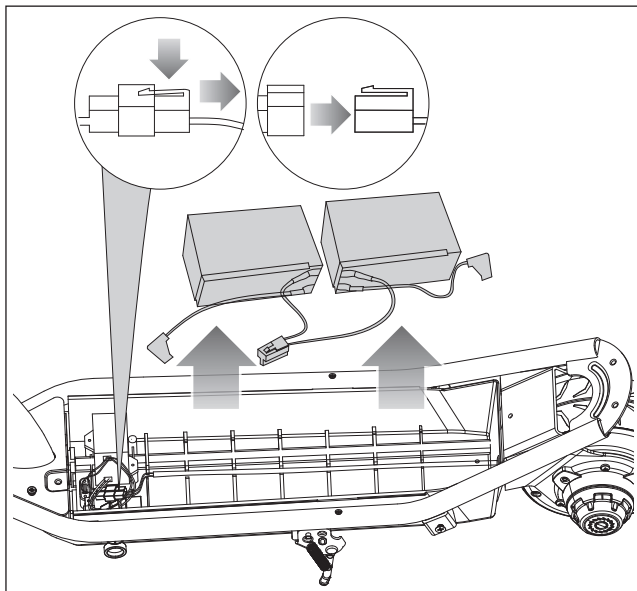
Using a Phillips screwdriver, remove the battery strap.



Step 3

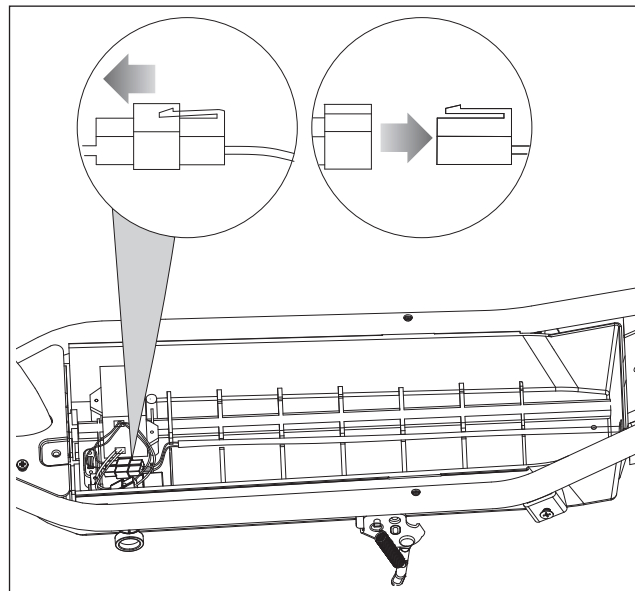
Disconnect the battery wire connector from the control module and carefully remove the battery.

(Note: If replacing only the battery, install the new battery and reverse steps 1-3.)



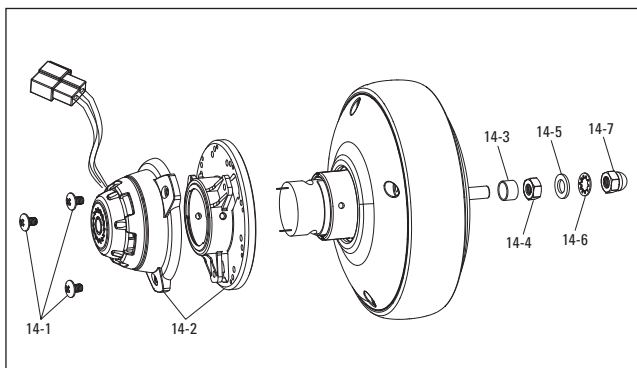
Step 4

Disconnect the motor wire connector from the control module.



NOTE

Rear wheel / motor hardware sequence



Left Side

- 14-1 Phillips Screws (x3)
- 14-2 Motor Housing

Right Side

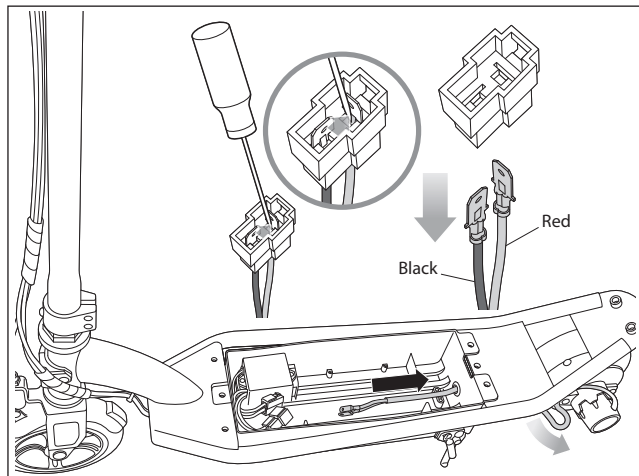
- 14-3 Spacer
- 14-4 Nut

Frame

- 14-5 Flat Washer
- 14-6 Lock-Washer
- 14-7 Locknut

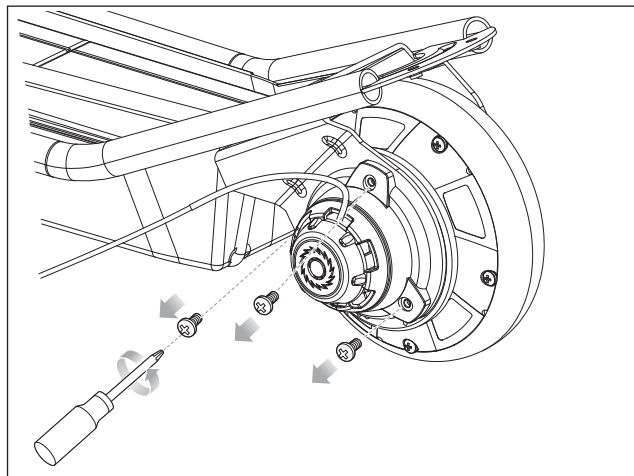
Step 5

Using a pointed object, carefully depress the tabs on the metal pins inside of the motor wire connector and remove the wires. Carefully pull wires out from battery tray.



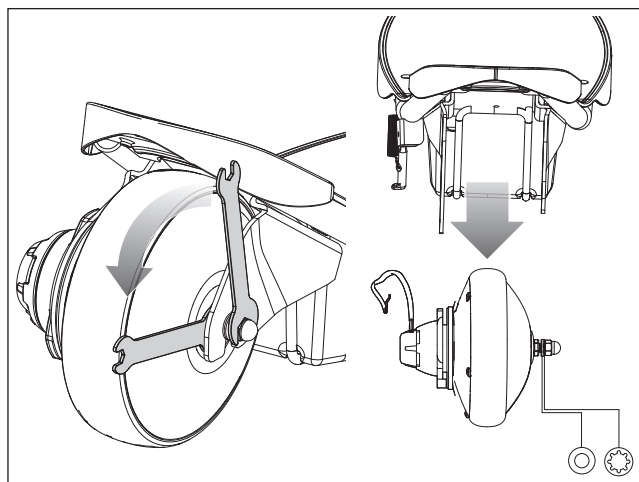
Step 6

Using a Phillips screwdriver, remove the three (3) screws that attach the motor housing to the frame.



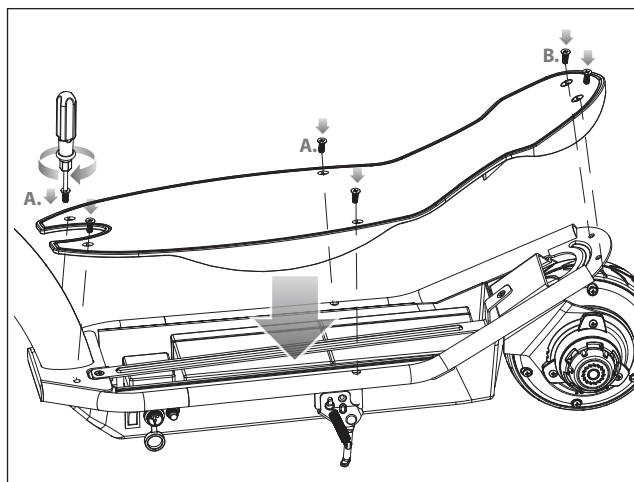
Step 7

Using a 13 mm wrench, loosen the outside locknut (14-6). Use a 13 mm wrench to prevent the inside nut (14-3) from turning. Remove wheel / hub motor.



Step 8

To install the replacement wheel / hub motor, reverse steps 1 through 7.



NOTE

When reinserting the motor wires into the connector, make sure the red wire connects to the yellow wire and the black wire connects to the blue wire.

Motor	Control Module
Red	↔ Yellow
Black	↔ Blue

ATTENTION: Charge battery 12 hours before using.