

eFOLDi[®] Navigator Motor Change

STEP 1



Disconnect battery and remove from the pack

STEP 2



Locate the motor control cable(s) found at the bottom of the control box.



STEP 3



Disconnect the motor control cable plug(s), taking care not to damage the pins.

STEP 4



Cut the cable ties - taking care not to cut the motor cable.

STEP 5



Remove the wheel nut cap, taking care not to damage the cap.

STEP 6



The wheel nut is removed from the motor spindle using a **17mm ratchet/socket**

STEP 7

Inside the frame **10mm spanner:**



Remove the four bolts fixing the motor to the frame, using 5mm hex key and 10mm spanner.

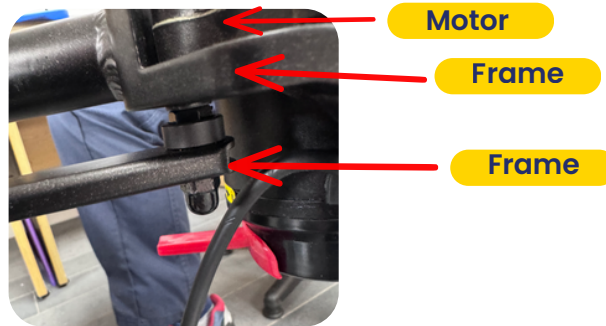
Spindle side **5mm hex key:**



Step 7 continuing...



Of the four bolts, there is one longer bolt that fits through an additional part of the frame.



The long bolt secures a part of the frame with a nylon washer.



Four motor/frame bolts. Ensure the washers and nuts are not lost during the replacement.

Step 8



Remove the old/faulty motor from the frame ensuring the label is noted for warranty purposes (if applicable)

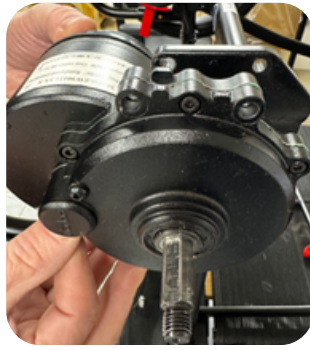
Step 9



IMPORTANT NOTE - TEST NEW MOTOR

Before fitting the new motor to the frame, re-connect the battery and plug in the new motor to the control box. Switch on the power (joystick power button) and run the motor briefly. If the motor is working as expected, switch the power off and disconnect the battery

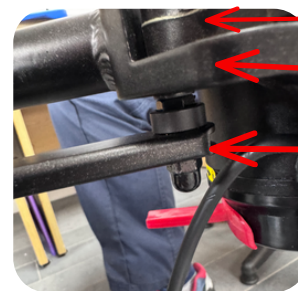
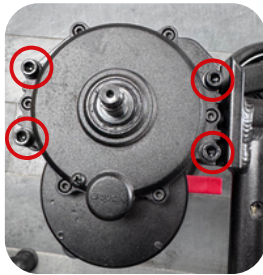
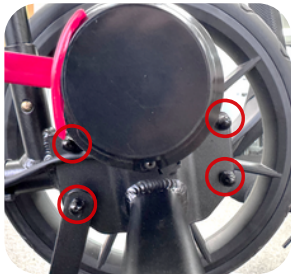
STEP 10



5mm hex key
10mm Spanner

Align the motor screw holes with the corresponding holes on the frame and replace the four bolts fixing the motor to the frame, using 5mm hex key and 10mm spanner

STEP 10 continuing...



Motor

Frame

Frame

Of the four bolts, there is one longer bolt that fits through an additional part of the frame.

The long bolt secures a part of the frame with a nylon washer.

Step 11



Connect the new motor ensuring the plug and socket align correctly. Note the two arrows that should point to one another.

Step 12



Replace the wheel - remembering to include the washer before replacing the nut. Tighten the nut using the 17mm spanner / ratchet. Then replace the wheel nut cap taking care to line up the locating lugs.



STEP 13



Now secure the control box / motor cable to the frame using cable ties.

STEP 14



Clip the excess cable tie to ensure a clean finish.

STEP 15



Reconnect the battery, and test the Navigator is working as expected.

Ready to Ride



TOOLS REQUIRED



hex key: 5mm
10mm spanner
17mm spanner (ratchet socket if available)
Narrow bladed tool (for wheel nut cover removal)
Snips/cutters
Cable ties (Black)