

eFOLDi[®] Compass Motor Change

STEP 1



Remove the battery

STEP 2



Ensure the mag brake lever is in the forward (freewheel) position

STEP 3



Remove the cable clips holding the motor to control box cable.

2.5mm hex key

STEP 4



Disconnect the motor to control box cable



STEP 5



Remove the cable clips holding the motor to control box cable to the rear of the frame. **2.5mm hex key**



STEP 6



Remove the clip in wheel covers.

Flathead screwdriver

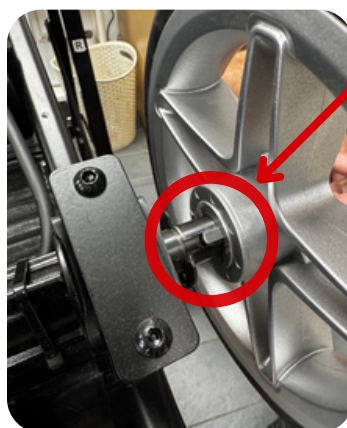


STEP 7

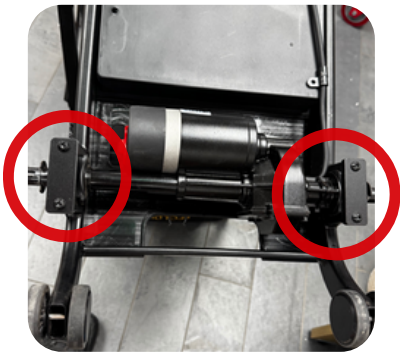


Remove the rear wheels from the motor spindles. **5mm hex key**

When removing the rear wheels, take care not to lose the woodruff key fixing.



STEP 8



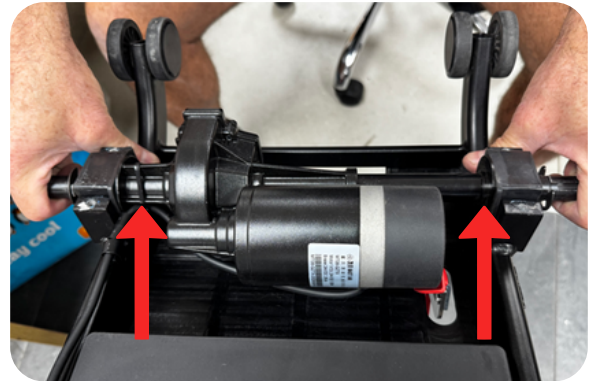
Remove the motor securing plates. 4mm hex key



STEP 9



With the two plates removed, lift the motor from the frame

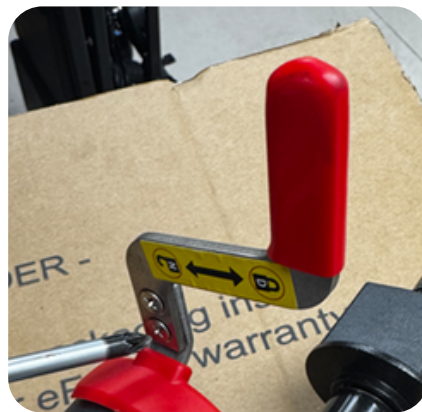


Step 9 continuing...



New

New motors are not fitted with the mag brake extension lever



OLD/FAULTY

New motors come with woodruff keys these are required for refitting the wheels. The cable tie must be removed before fitting the wheel



STEP 10



Unscrew the top extension of the mag brake lever from the old motor. This will be required for the new motor



Place the parts to one side and fit to the replacement motor BEFORE fitting to the scooter. The lever can not be fitted if the motor is mounted in the scooter.

STEP 11

ON THE NEW MOTOR: Fit the mag brake lever extension to the mag brake lever.

It should be fitted to the inner side of the lever. With the screws being inserted from the inner side,

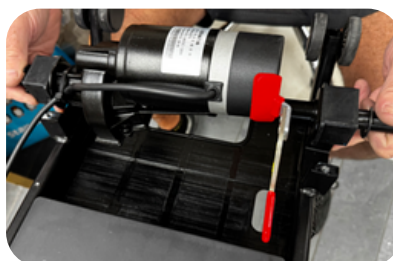
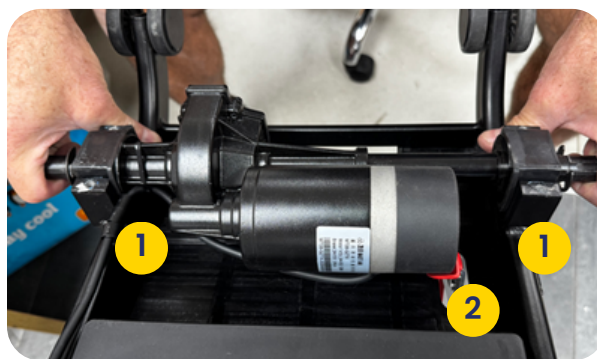


STEP 12



With the motor removed, check the frame and fixing points are in good order.

STEP 13



Prior to fitting the replacement motor, check it is in working order first.

Before lowering the motor in to its retaining brackets (1), ensure the mag brake lever (2) is in forward (freewheel) position.

STEP 14



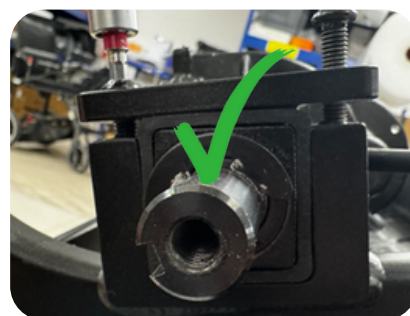
Replace the motor securing plates.



The plate drill holes may need to be filed before replacing to ensure they are free of thread / sward etc



Uneven tightening

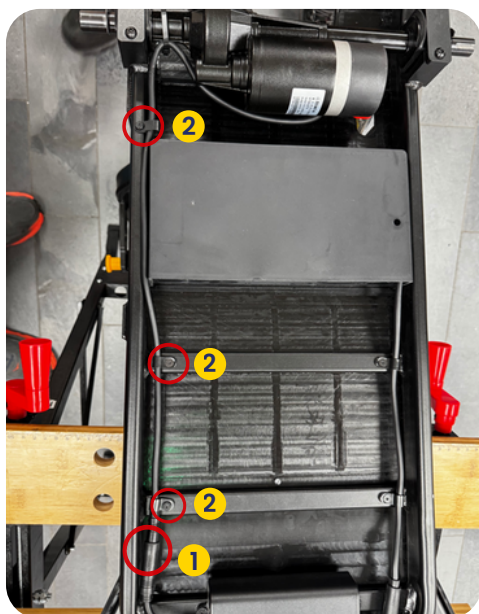


Even tightening

IMPORTANT

Gradually tighten each side in turn. If one side is tightened all the way before the other side, it will be impossible to tighten the other side.

STEP 15



With the new motor in place, plug in the control box cable (1) and secure with cable clips (2)

STEP 16



Finally, replace the battery, switch the scooter on and test the replacement motor on a test drive.

TOOLS REQUIRED

hex Keys (preferably ratchet):
2.5mm
4mm
5mm
Small flat head screwdriver