

eFOLDi Compass Main Tiller Cable Change

STEP 1



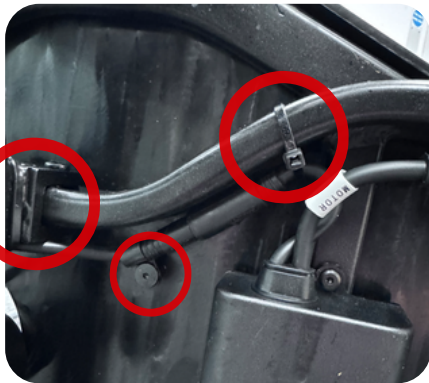
Remove battery

STEP 2



Turn the scooter upside down on a workbench or the packing box - this making the cabling easier to access.

STEP 3



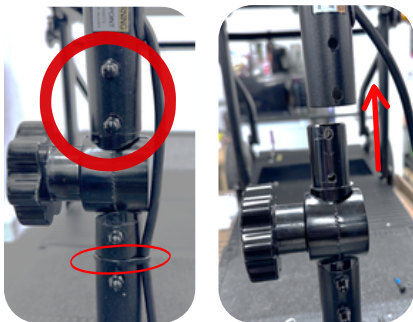
Remove the cable ties and cable clip securing the tiller cable to the frame on the underside of the scooter.

STEP 4



Unplug the main tiller cable from the control box plug

STEP 5



Place the scooter upright. Remove the cable ties and the bolts from the bottom of the tiller. Then lift the top section of the tiller from the base.

The tiller and main cable are now completely separate from the rest of the scooter.

STEP 6



Remove the protective rubber gasket from the oval hole.

STEP 7



Feed the bottom part of the main tiller cable through the tiller so that it can be removed from the frame.



Put the plug through the oval hole in the tiller and pull it through so that it is clear of the tiller.



Step 8



Remove the 3 screws securing the tiller housing cover to access the handlebar control plugs. Use 2.5mm hex key.

STEP 9



Now disconnect all four plugs

Step 10



Remove the 'R' clip

Step 11



Keep all tiller housing parts safely to one side.

STEP 12



Now remove the cable from the tiller



STEP 13



The replacement tiller cable can now be fitted.

TEST THE NEW CABLE BEFORE FITTING.

Wrap the control function ends of the tiller cable using shrink wrap. DO NOT USE TAPE AS THIS WILL LEAVE AN ADHESIVE RESIDUE. Feed the cable in the bottom part of the tiller and push in until the cable appears at the top

Step 14



The controller plug end of the main tiller cable must be fed back up the tiller and out through the oval port hole.



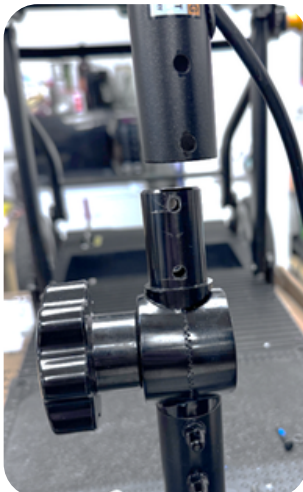
STEP 15



With the tiller cable correctly through the oval hole, the rubber gasket must be replaced.



Step 16

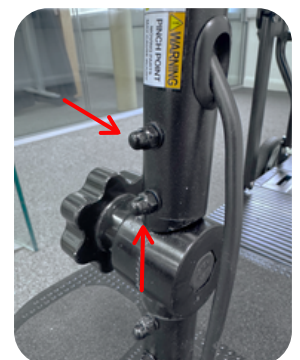


Now the tiller section can be fitted back onto the frame



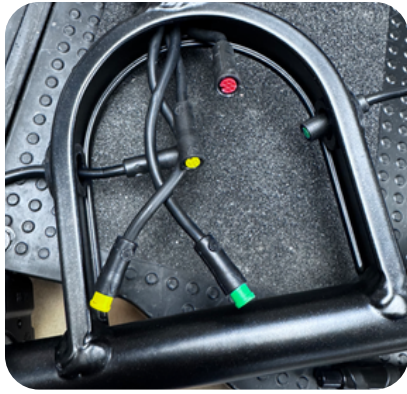
The tiller cable will feed through the space at the base of the tiller.

The cable will be plugged into the control box at a later stage.



Replace the screws, cap, nuts and washers

Step 17



The main tiller cable tiller housing plugs can now be connected.



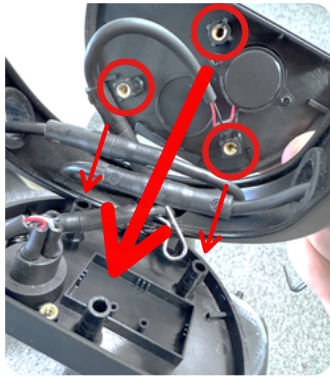
When reconnecting the plugs, ensure the arrows are pointing to one another before securing.

Step 18



Refit the R clip. This is important as it prevents the cables from slipping down the tiller and putting strain on the connections.

Step 19



Fix the tiller housing back in place
Make sure the three fixing points are lined up and close the tiller housing.



STEP 20



Turn the scooter upside down

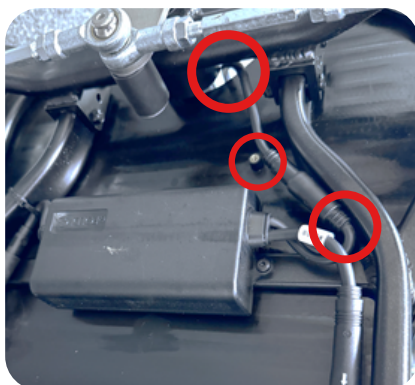
Plug in the tiller cable to the control box.

Care must be taken when reconnecting the plugs; the connecting pins are delicate!

Use the arrows to line up the plugs to ensure a correct fit.

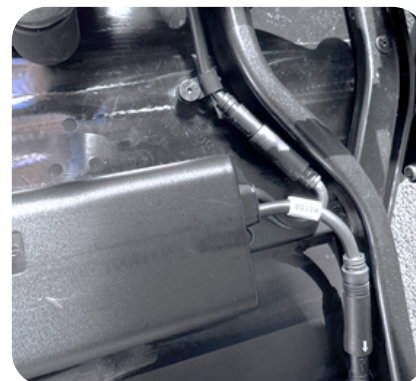


Step 21



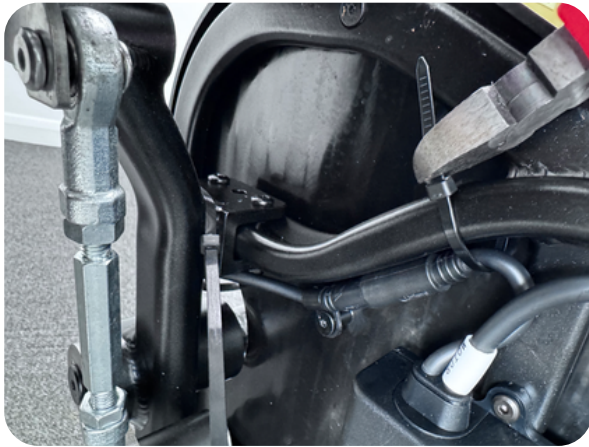
With the tiller cable now fitted, it must be fixed to the frame.

Step 22



Replace the cable clip that screws in to the footboard, using a 2.5mm hex key.

Step 23



Replace the cable ties on the underside on the frame and to the tiller.



Step 24 – Ready to Ride



Finally, replace the battery, switch the scooter on and test the replacement main tiller cable.

Tools Required

- Snips/Side Cutters
- Replacement cable ties 140mm Black
- Hex keys key 3mm and 2.5mm
- Spanner 8mm