

Instructions to replace the Motor & Gearbox assembly on an EZiCaddy EZi3 model trolley



Tools required.

Wire cutters

PZ 1 Screwdriver

PZ 2 Screwdriver

Pin punch. (Not shown.)

Hammer. (Not shown.)



1/ Stand cart against a wall as shown to give easy access to the underneath of the cart.

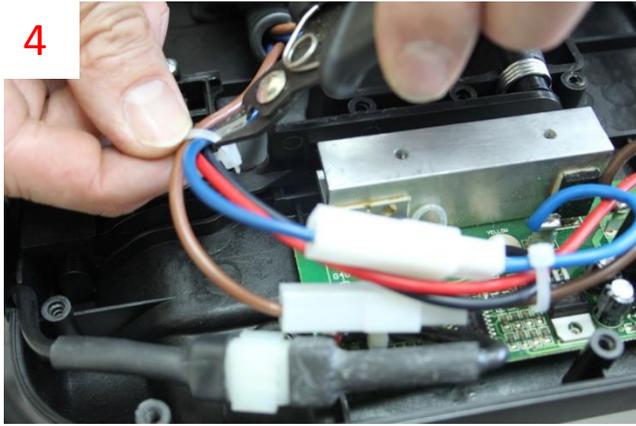


2/ Remove all screws as shown with a Pozidrive No2 Screw driver.



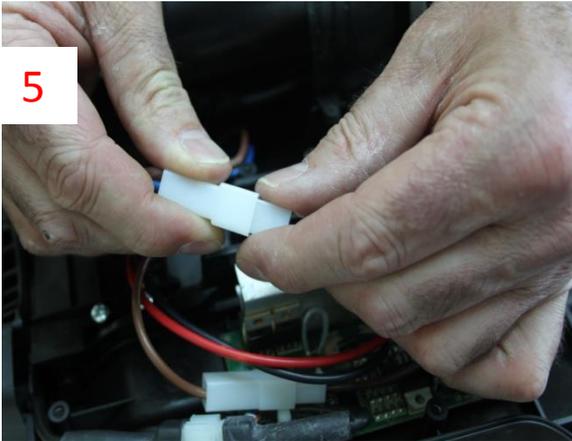
3/ Lift edge of lower cover to remove.

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4/ With wire cutters carefully remove and discard the two cable ties.

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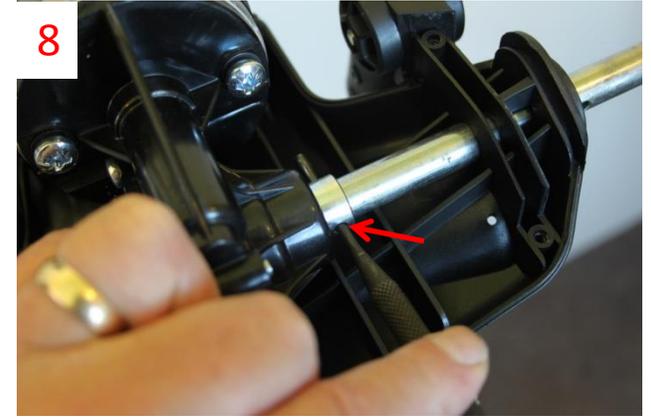
6/ Disconnect the two white connectors holding the **Brown** and **Blue** wires.

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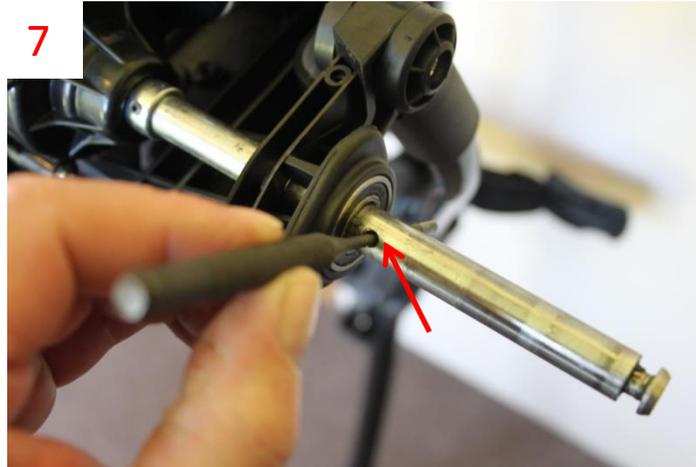
6/ Remove the wheel and clutch from the right hand side.

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8/ With the same punch remove the roll pin from the gear box spindle.

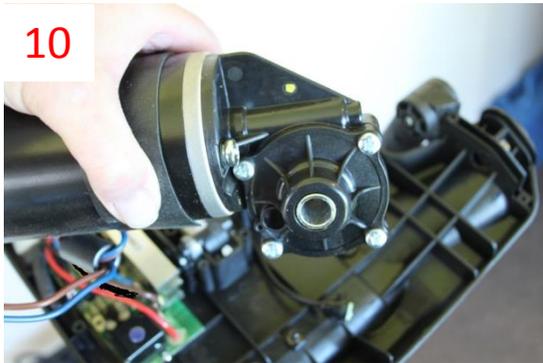
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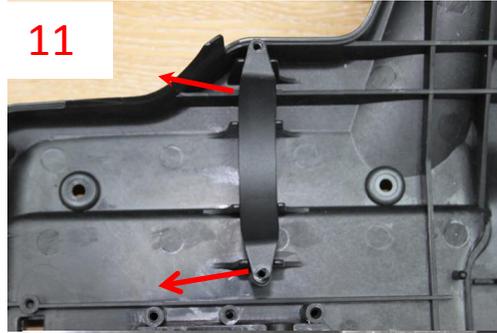
7/ With the pin punch supplied remove the clutch drive roll pin.



9/ Slide the axle out to the left and remove.



10/ Remove the old motor and gearbox assembly and replace with the new one.

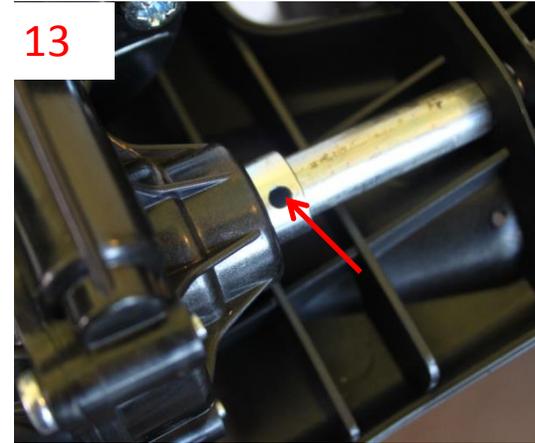
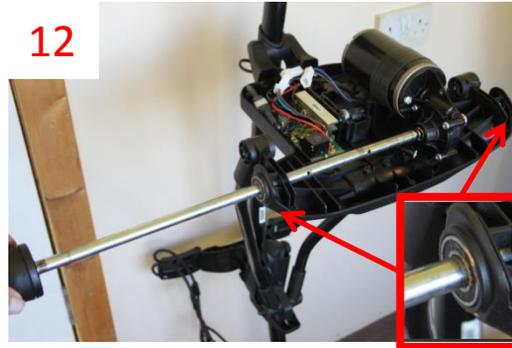


11/ Ensure the motor mount is correctly positioned and the motor is seated correctly.

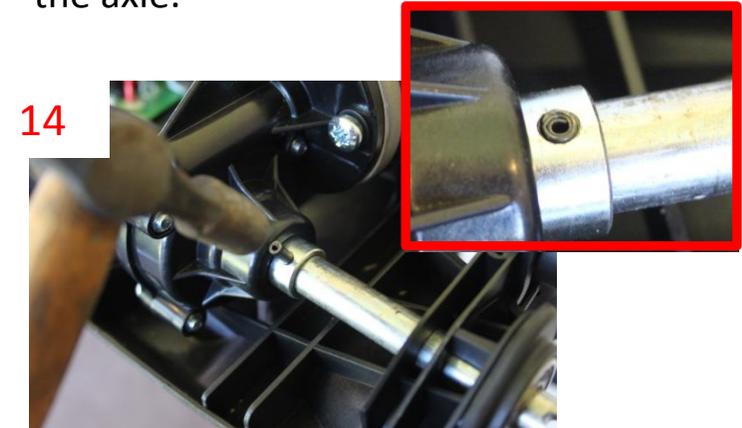


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12/ Slide the axle back into position from the left hand side. Ensure the axle bearings are fitted correctly in their recesses.

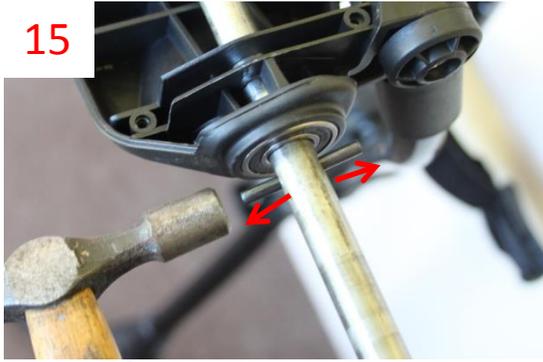


13/ Align the hole in the gear shaft with the hole in the axle.



14/ Carefully fit the 16mm long roll pin through the gear shaft and axle until it is flush with the surface.

15



15/ Refit the clutch drive roll pin until there is an equal amount either side of the axle.

16



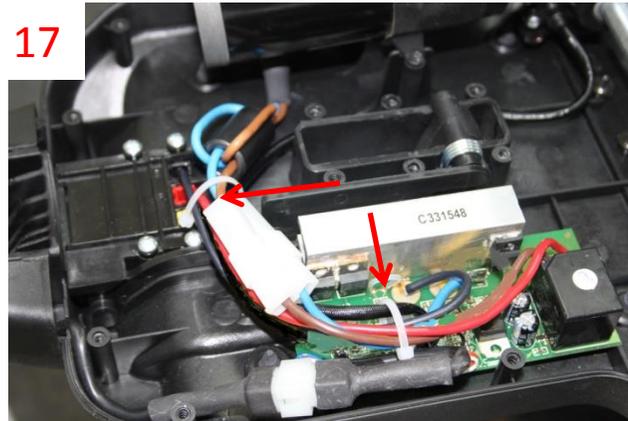
16/ Reconnect the two white connectors that hold the **Brown** and **Blue** wires.

18



18/ Refit the rear cover ensuring no wires or moving parts are trapped between the cases. Also refit the clutch and wheels.

17



17/ With all wires connected, loosely attached two cable ties around wires in positions shown and trim any excess. Carefully route the wires as shown in the picture.

19



19/ Refit all the case screws. Make sure the two longer case screws are in the positions shown. Take care not over tighten the screws.