

MC101R - ECU (controller) replacement instructions

Before beginning make sure the battery is disconnected from the cart and the main power switch is OFF.

1. Remove the 4 screws from the top of the ECU. Carefully pry the cover off with a flathead screwdriver as it has been siliconed for waterproofing. Cut the cable tie
2. Disconnect the 4 wires (2 red, 2 yellow) from the terminals in the mid-section of the ECU. Just pull them off the terminals - they are not soldered. These wires lead to the carts motors. Note the location of these as you will need to connect them the same in the new ECU.
3. Disconnect the electrical connector in the upper left part of the ECU.
4. Do not disconnect the power wires on the left side - new ones are included with the new ECU.
5. Remove the pad from the battery tray which will expose the 3 screw bolts holding the ECU to the battery tray.
6. Remove the 3 screw bolts. The bottom of the bolts have 7mm nuts - do not lose these as you will re-use them.
7. Fasten the new ECU to the battery tray using the 3 screw bolts and nuts. Replace the battery pad.
8. Remove the cover of the new ECU to expose the terminals inside.
9. Carefully re-connect the red and yellow wires exactly the same as they were in the old one.
10. Re-connect the electrical connector.
11. Route all wires through the opening on the left end and put a cable tie around the wires just inside the ECU housing. Cut off all the excess tie.
12. Silicone around these wires to waterproof the opening.
13. Replace the ECU cover - then suspend the cart with wheels off the ground, connect the battery and test all functions, both manual and remote.
14. If everything checks out OK - silicone around the ECU cover to seal it..

Please refer to the pic below and contact us if you have any problems or questions.
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