GSP100555, GSP100560 and GSP100620

Equipment Needed:- Pair of Snips, Cross Head Screwdriver, 3 x Cable Ties(1x GSP100415 and 2 x GSP100410) and Silicone Sealant (Non Corrosive type that does not smell of vinegar)

TIP – Before you start, take a digital picture of the base of your machine so that you have a record of where wires are placed as a reference for re fitting should you need it.

In order to remove and fit a new controller you will need to follow these guidelines.

1. With the snips cut all three cable ties that tidy the wires of the controller under the machine, be careful that you do not accidentally cut the wiring.
2. On the motor there are two wires, one on the top and one on the bottom. Remove these wires by gently pulling them (you may find it easier to remove the rubber boot first).
3. On the underside of the trolley there is a white connector block; this is the handle wire connector. It may be tight but this needs to be pulled apart. Pull the connectors, NOT the wires.
4. On the top of the battery tray, remove the two cross head screws, the controller will then drop off.
5. With the new controller it is important that we fit it correctly and neatly. Pull all the wires so that they are out straight.
6. The serial number of the new controller needs to be facing up so that when in the correct position the serial number label is hidden between the controller and the battery tray.
7. There will be two screw holes on the top of the controller; using a Non Corrosive silicone sealant (should not smell like vinegar) you need to put a dab of sealant on the holes. This ensures when the controller is fully fixed that no water seeps through the holes.
8. There will be four wires coming out of the controller, one connects to the battery (large T-Bar shape), one with a white connector block (handle wire plug) and two wires that connect to the motor. The two wires that connect to the motor are different lengths, the shorter of the wires connects to the underneath of the motor while the longer wire connects to the top of the motor.
9. When you fit the controller to the battery tray ensure that all the wires are facing the front wheel.
10. The two screws that were removed need to be screwed into the controller from the top of the battery tray. You may need to remove the silicon that is on the screws.
11. The white connector block plugs together.
12. The shorter lead connectors to the bottom of the motor with the longer lead connecting to the top of the motor.
13. The large cable tie secures the lead around the motor.
14. The smaller cable ties are used to tidy the wiring up on the cross brace. When finished, carefully snip the excess length from the cable ties.

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