

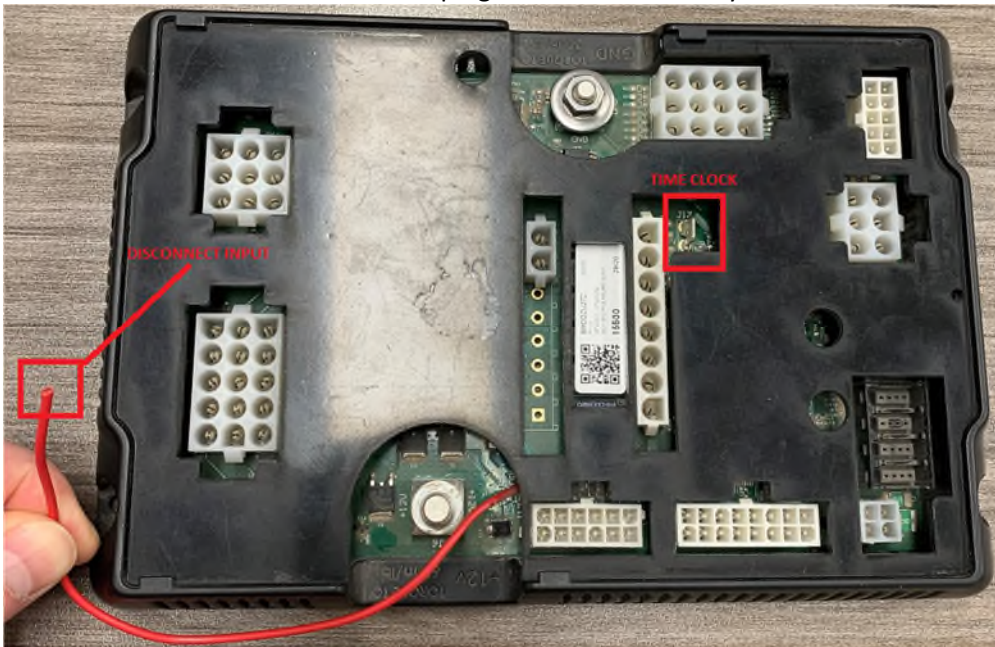
HOW TO REPLACE G12

Tools Needed:

1. You will need the Robertson bit to remove the G12.
2. A wire stripper, crimper and butt connector (14-16 gauge, normally blue in color) for the disconnect input.
3. Socket set in metric for tightening down the 12v + and negative lugs on the G12.

To replace the G12, turn off the battery disconnect switch and charge line disconnect key. Remove the defective G12 from its mounted location and then mount the new one in place.

Start by cutting the butt connector from the thin red wire directly beside the 12v + post for battery disconnect input. Strip the wire and re-crimp onto the new board. Then move the time clock spade connector onto J17 of the new board. This will be easier without the other plugs installed in the way.



Next move all the white plugs onto the new board. They are all different shapes so they cannot be mixed up. Unplug 1 at a time and move to the new board. Move the row of grey communication cables onto the new board. The order of install does not matter, just plug the grey cables into any open communication port. There is a small lever arm on the side of the plug which needs to be depressed to remove.



Lastly, connect the 12v power starting with 12v + and then ground. Reset the 50 amp disconnect breaker, turn on the battery disconnect switch and charge line disconnect key.

