

TSB # 011220 Sofa Relay Spyder Controls G12

Disconnect the main positive post on the auxiliary battery before starting this work. Ensure the vehicle is not plugged into shore power and the red key disconnect is in the off position.

- 1) Remove the cushions from the Driver Side ottoman below the TV.
- 2) Lift the ½" plywood cover panel by removing the screws from the cover panel that secures it to the ottoman box. The G12 panel will be secured to the bottom of this cover panel. Flip it over so that you have access to the G12 panel
- 3) Unplug the J8 connector from the G12 panel.
- 4) Cut the Black 10 AWG wire connected to the Red wire on the J8 connector running to pin #1 and connect this Black wire to the White wire on pin #1 of the J1 connector attached to the sofa module. (The cut should be close to the blue butt connector)
- 5) Connect the Orange 16 AWG wire on pin #4 of the J1 connector to the Red wire on pin #2 of the J8 connector.
- 6) Cut the Red 10 AWG wire connected to the Red wire on the J8 connector running to pin #2 and connect this Red wire to the Green wire on pin #2 of the J1 connector attached to the sofa module. (The cut should be close to the blue butt connector)
- 7) Connect the Yellow 16 AWG wire on pin #3 of the J1 connector to the Red wire on pin #1 of the J8 connector.
- 8) Plug the J8 connector back into the G12 panel.
- 9) Connect the Black 12 AWG wire from the sofa module to the grounding bar in the sofa ottoman.
- 10) Connect the Red 12 AWG wire from the sofa module to the post on the 80 amp thermal breaker connected to the copper bridge for the main battery wire. There is a 40 amp short stop breaker on this wire to protect the sofa system.
- 11) Test the power sofa for operation.
- 12) Secure the sofa module inside the bench area.
- 13) Secure the 40 amp breaker for the sofa module inside the ottoman bench area.
- 14) Replace the ½" plywood cover panel on the ottoman blocks and screw it back into place.
- 15) Re-install back the ottoman cushion.