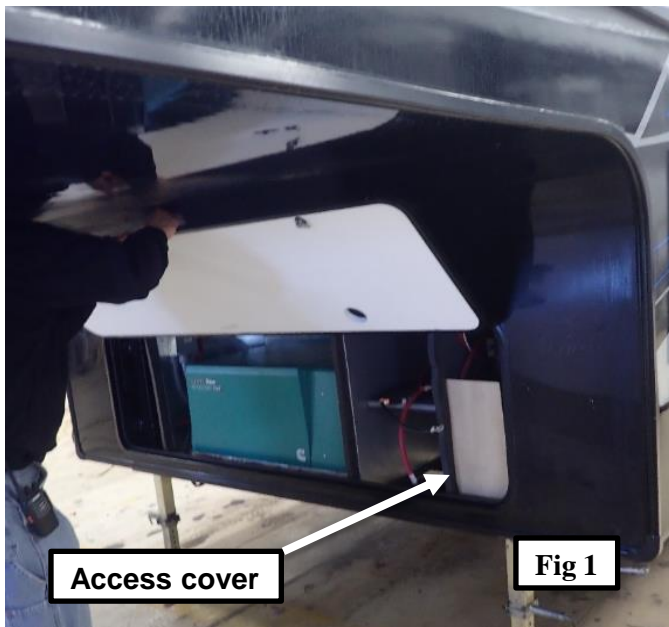


REPAIR ONE

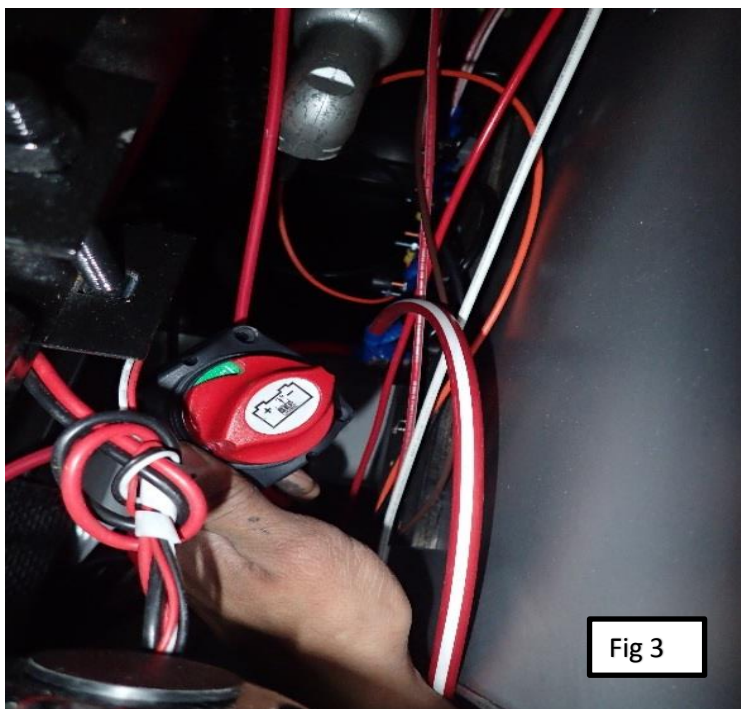
Rewire Battery Disconnect Switch - ALL units

Steps

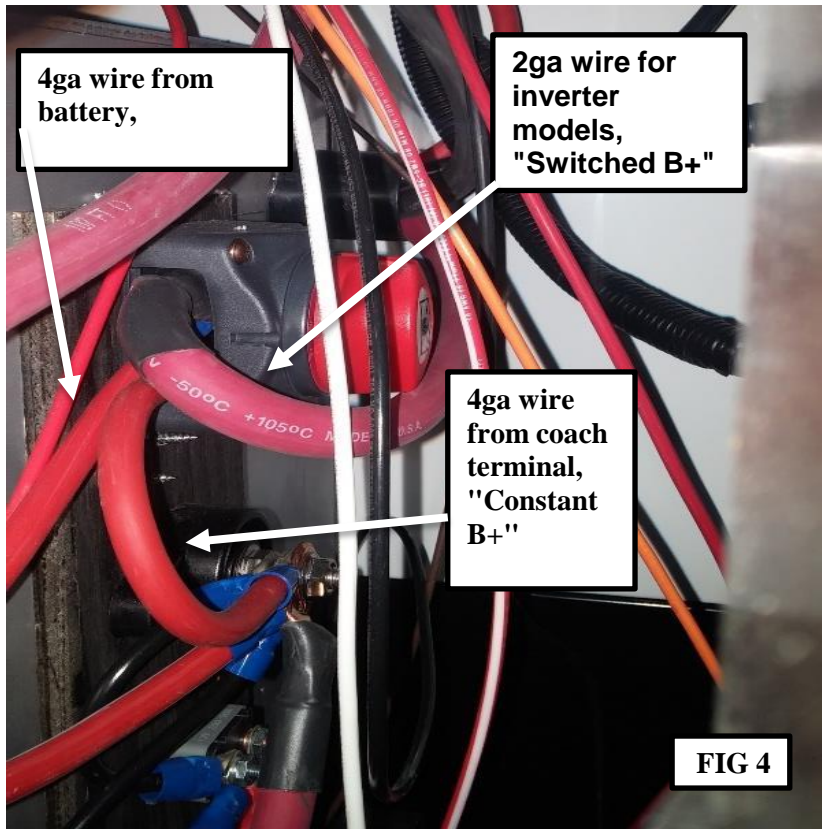
- 1 Unplug 120 volt shore power cord and disconnect ground cable on trailer battery/batteries.



- 2 **FIG 1 & 2**
Open generator compartment and remove disconnect switch access cover located on the off door side of generator compartment



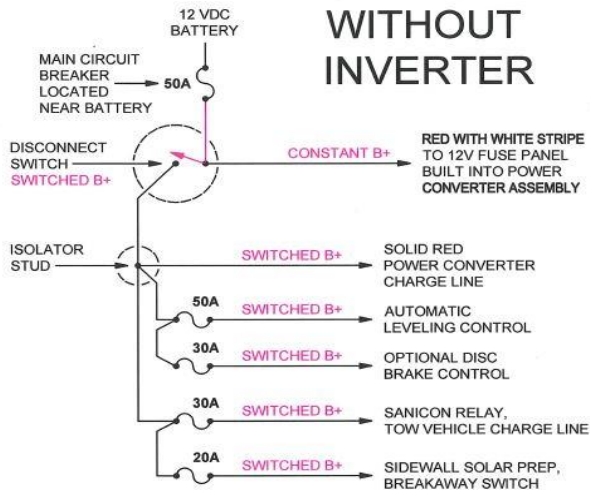
- 3 **FIG 3:** Locate disconnect switch and remove screws attaching it to compartment wall



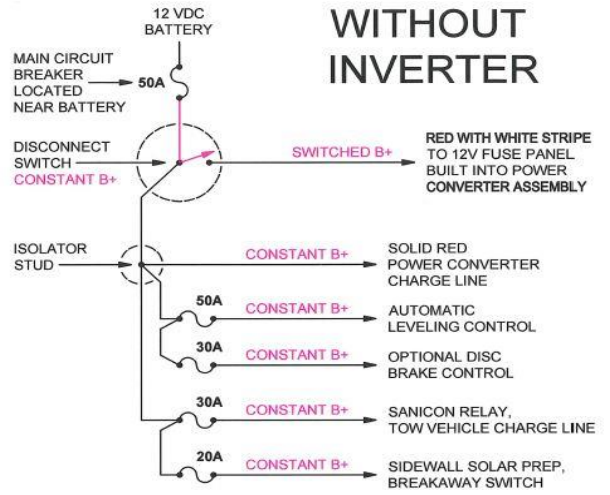
- 4 FIG 4: Locate large isolator stud(insulated threaded post) near disconnect switch. Mark the red 4 ga. Wire running from the disconnect switch to this isolator stud "Constant B+"
- 5 Locate red 4 ga.wire (2/0 battery cable on models w inverter) running from the battery compartment to the disconnect switch and mark it "Constant B+"
- 6 When inverter is present, locate red 2/0 battery cable from inverter to the disconnect switch and mark it "Switched B+"
- 7 Locate red 4 ga. Wire running from the 12-volt fuse panel (located in common housing with power converter) to the disconnect switch and mark it "Switched B+" NOTE: If wires noted in previous steps were correctly marked this is the remaining unidentified 4 ga. wire going to the disconnect switch.
- 8 Use a 17mm wrench to remove both outer nuts from back side of disconnect switch and remove wires (cables from switch)
- 9 Use a 17mm wrench to verify that both inner nuts on back side of disconnect switch are tight.
- 10 Place both wires (cables) marked "Constant B+" on one terminal of disconnect switch. Loosely
- 11 Place both wires marked "Switched B+" on second terminal of disconnect switch. Loosely re-install outer nut to retain wires. NOTE: if trailer is not equipped with optional inverter, only one 4 ga. wire will go on this terminal.

- 12 With wires still loose on back side of switch, move disconnect switch into its mounting location and verify wires exit rear of switch in correct direction. If not, swap location of "Constant B+" and "Switched B+" wires or adjust wires to original exit angles.
- 13 Use 17mm wrench and tighten outer nuts on back side of disconnect switch.
- 14 Re-attach disconnect switch to compartment wall. Do not install switch access cover until correct operation of disconnect switch is determined.
- 15 With trailer connected to 120-volt shore power and a trailer battery installed, verify trailer interior lights turn "off" when the disconnect switch is turned "off"
- 16 With trailer connected to 120-volt shore power, verify the 12-volt power converter charges the trailer battery with the disconnect switch in both the "on" and "off" position.
- 17 With disconnect switch in both the "on" and "off" position, verify the break-away switch applies the trailer brakes when the activation pin is temporarily pulled.
- 18 **If the unit has hydraulic brakes** , please refer to instructions for specific models that require the install of a 12 gauge wire from the brake away switch to the mini breaker in the fuse panel. Do not re-install the switch access cover at this point.
- 19 **If the unit does NOT have hydraulic brakes**, re-install disconnect switch access cover to finish the repair.

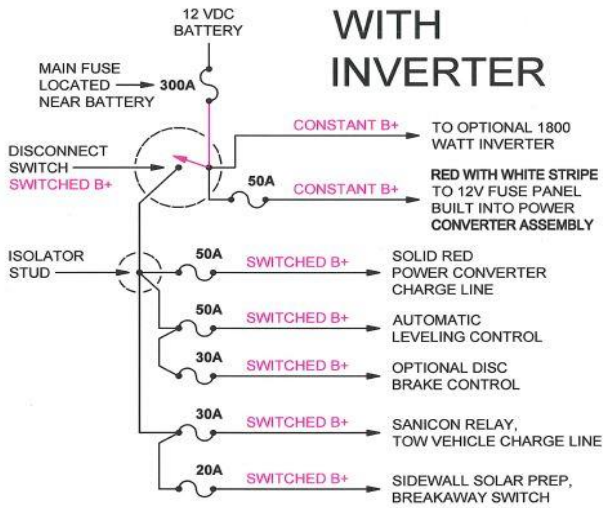
BEFORE CHANGE WITHOUT INVERTER



AFTER CHANGE WITHOUT INVERTER



BEFORE CHANGE WITH INVERTER



AFTER CHANGE WITH INVERTER

