

Recall Bulletin 240416REV



RECALL BULLETIN: 240416REV	<p>The purpose of this Recall Service Bulletin is to inform REV Recreation Group dealers of the need to repair the water pump circuitry on certain 2022-2024 Fleetwood Discovery and Holiday Rambler Endeavor 38N model motorhomes. No other floor plans are involved. A list of affected motorhome serial numbers appears at the end of this bulletin. There are a total of 79 motorhomes affected by this recall.</p>
YEAR(S) AFFECTED: 2022-2024	
PRODUCT(S) AFFECTED: <u>FLEETWOOD DISCOVERY</u> <u>HOLIDAY RAMBLER ENDEAVOR</u>	<p><u>CONDITION:</u> On motorhomes affected by this recall campaign, the larger capacity water pump should be protected by a 15-amp fuse. A production schematic was found to have incorrectly designed water pump circuit fuse protection with a 50-amp fuse. The 50-amp fuse is too high for the wire size.</p> <p><u>DEALER CORRECTIVE ACTION:</u> Follow the attached repair bulletin to repair the water pump circuitry used on vehicles built between Dec 02, 2021, and March 14, 2024.</p>
MONTHS OF MANUFACTURE: DEC 02, 2021 - MARCH 14, 2024	<p>ATTENTION SERVICE, WARRANTY AND PARTS MANAGERS: All prior Authorization Approvals must go through REV RV Dealer Technical Support (800) 816-9825</p>
MODEL(S) AFFECTED: 38 N	
SUBJECT: Water Pump Circuitry	<p><u>WARRANTY LABOR ALLOWANCE:</u></p> <p>Recall 240416REV Water Pump Circuitry (Prior Authorization is Required)</p>
ISSUED: JUNE 2024	<p>Use Flat Rate Codes: 6317 11 Inspected/Non-Defective Time Allowed: .20 hr.</p>
<p>2024 REV Recreation Group, Inc.</p>	<p>Use Flat Rate Codes: 6317 12 Inspected/Defective/Repaired Time Allowed: .70 hr. Note: This includes .02 hr. inspection</p> <p><u>RECALL PARTS: OBTAIN LOCALLY</u></p> <p>Electrical Tape Wire Zip Ties 10 GA. Butt Connectors 10-gauge Red 12-volt wire (if needed)</p> <p>**READ THE FOLLOWING BULLETIN CAREFULLY**</p>

Federal law (section 154 of the national traffic and motor vehicle safety act of 1966) requires that: If you have received a notice of recall or failure to comply from REV Recreation Group or any component Manufacturer, you must repair or otherwise correct the defects on vehicles remaining in your inventory, according to the notification, before selling or leasing the vehicles. Any vehicle lessor receiving this recall notice must forward a copy of the notice to the lessee within ten days.

"It is impossible to know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Accordingly, anyone who uses a service procedure or tool must first assure that neither personal safety nor vehicle safety will be jeopardized by the selected service methods."

This bulletin is supplied for technical information only and is not an authorization for repair.

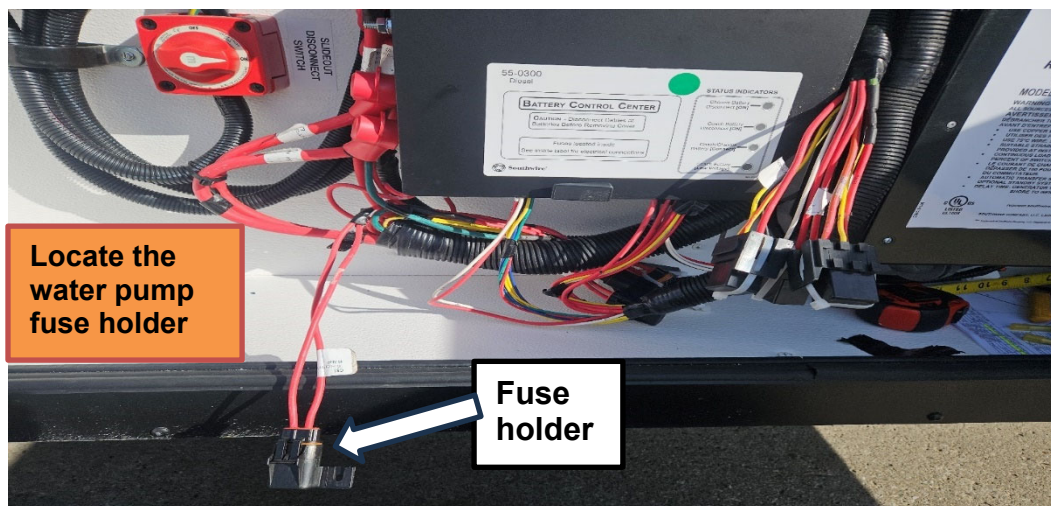
PRE-REPAIR INSPECTION:

- Use industry safety precautions while performing this recall.
- Park the motorhome on a dry, level paved surface. Place the transmission into park and engage the parking brake.
- Turn off the ignition and remove the keys. Maintain control of the keys until all repairs are performed.
- Chock the wheels to prevent movement.

INSPECTION: In order to determine if the condition in this bulletin exists on the motor home, first verify with REV Dealer Technical Support if this Recall is still open. Also perform the following inspection procedure.

1. Turn off Water Pump switch
2. Turn on a faucet
3. Go to the door side luggage compartment (forward of the rear axle) of the motor home to locate the water pump fuse.(See picture below)
4. Pull the water pump fuse and turn the water pump on.
5. If the pump does not turn on / run, no repair is needed (not involved in this recall)
6. Reinstall fuse, test water pump to ensure it works (listen for the pump) and close faucet.
7. No further action is required. Submit a claim using flat rate code 6317 11 Inspected/Not Defective Time Allowed: .20 hr.
8. If pump turns on and runs (**continue with the repair procedure**).

NOTE: Most units will need this repair procedure completed, unless previously repaired by another dealer.



REPAIR PROCEDURE:

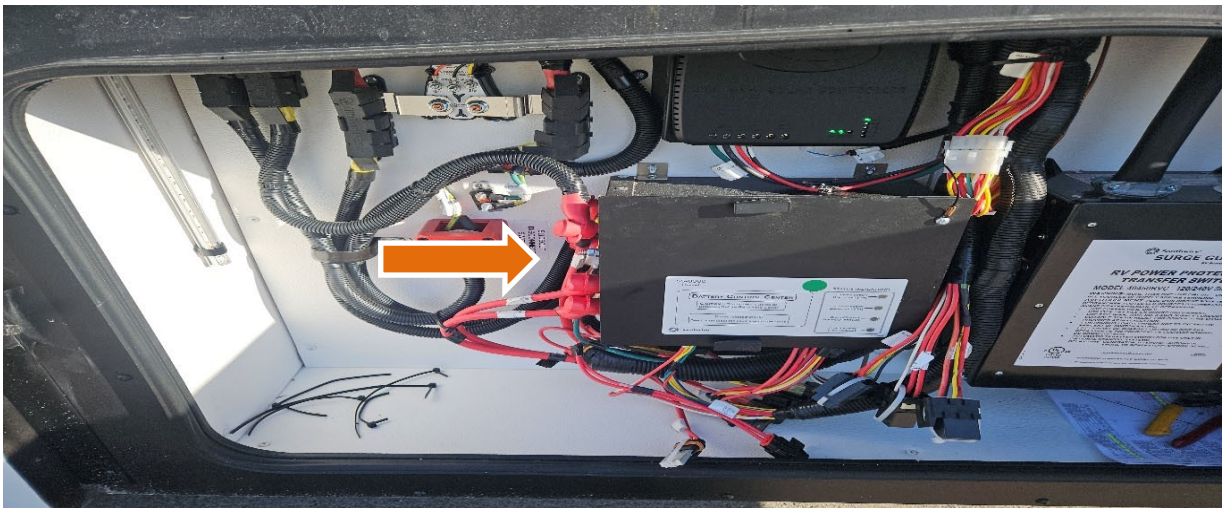
1. Turn off the battery disconnects inside of unit.
2. Go to the door side luggage compartment (forward of the rear axle) of the motor home to locate the battery control center. **(see figure 1)**

Figure 1



3. Focus your attention to the left side of the Battery Control Center box (BCC). Locate the stud on the outside of the BBC box labeled **“GENERATOR.”** **(see figure 2)**

Figure 2



The **GENERATOR** stud should contain one generator cable and two red 10-gauge wires. **(see figure 3)**

NOTE: Both of the 10-gauge wires have similar stamped numbers.

4. **Caution:** The red 10-gauge wire stamped with circuit 002 will be moved to the **“CIRCUIT BREAKER 2”** stud on side of the BBC. **(see figure 4) (tighten nut to 50-inch pounds using a torque wrench).**

5. NOTE: Wire 002 PWR must remain on the GENERATOR stud along with the generator cable. (tighten nut to 55-inch pounds using a torque wrench)

Figure 3

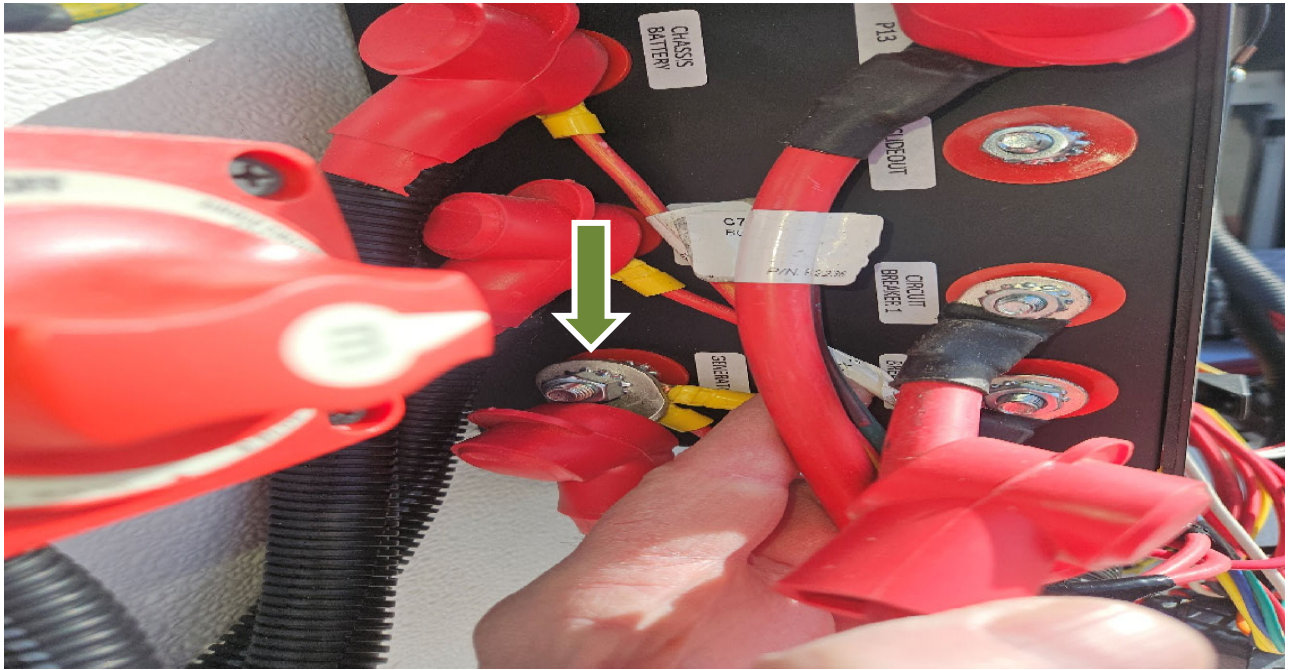
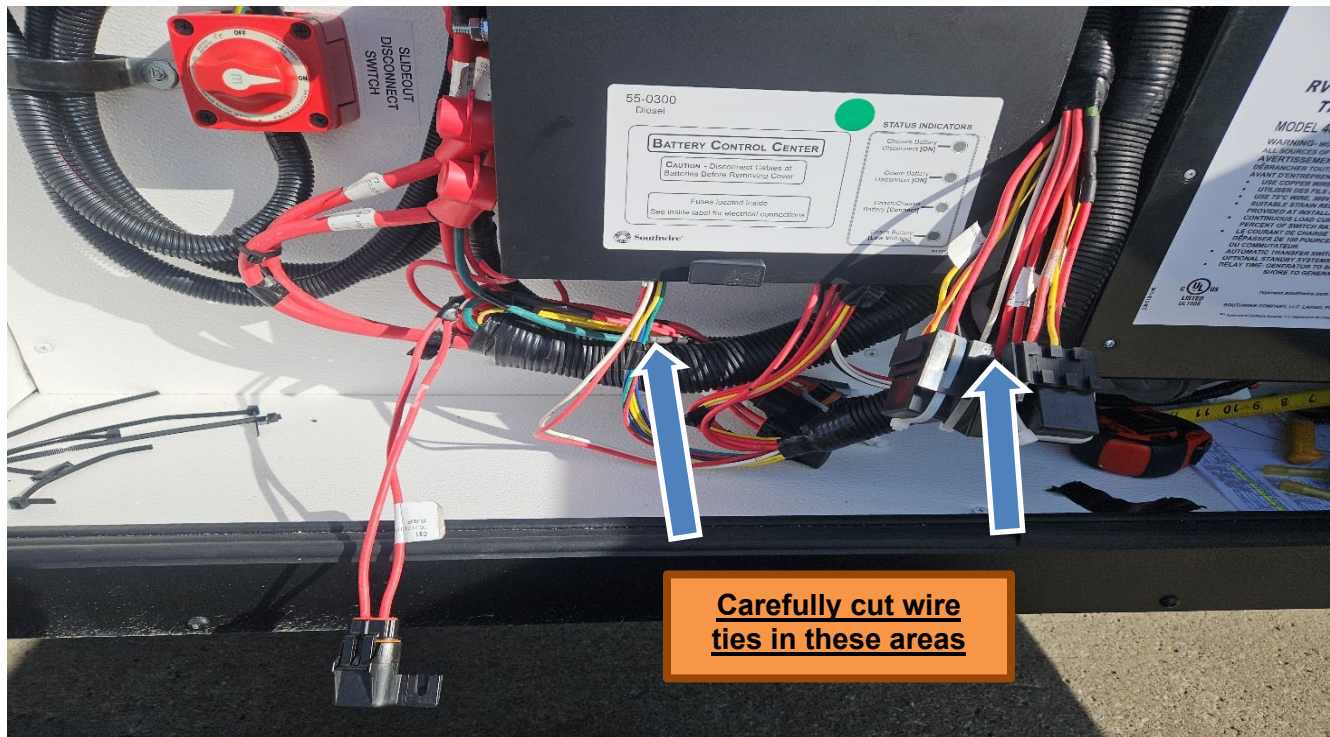


Figure 4



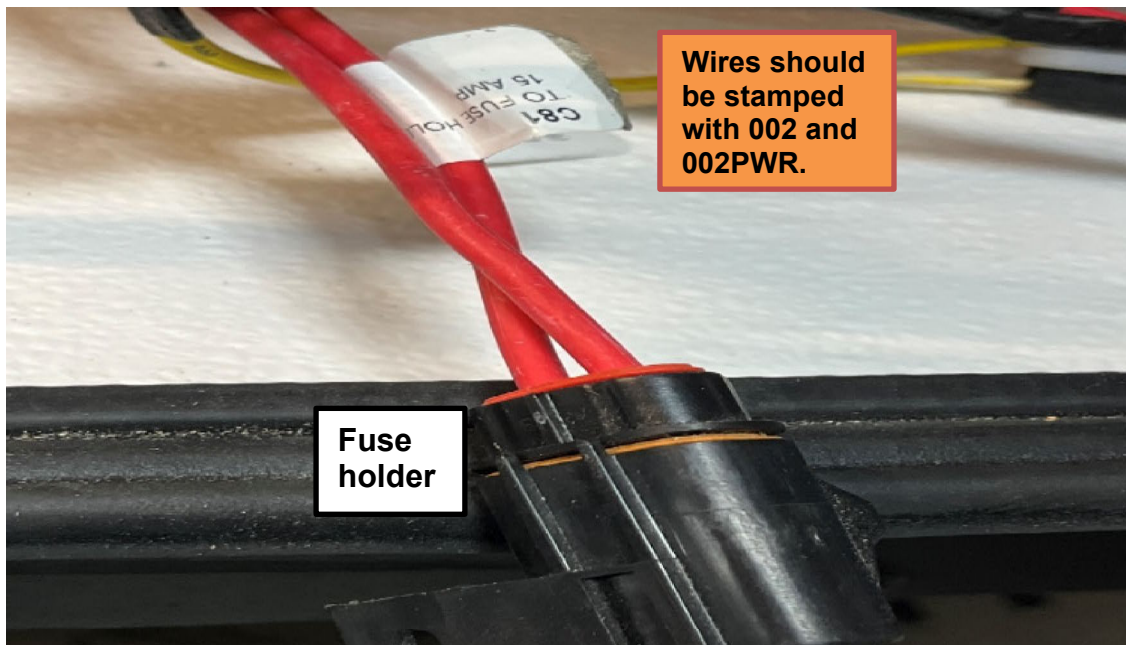
6. Locate the harness wire ties under and to the right of the BCC. Cut the ties to loosen the fuse holders, harness, and relays. Separate the fuse holders and relays. (see figure 5)

Figure 5



7. Isolate the water pump fuse holder (see figure 6) containing 002 (10 ga red) circuit in the harness bundle under the BCC box.

Figure 6



8. **NOTE:** Only cut the (1) one wire labeled 002. **Do not cut the other!** Leave the 002 PWR intact. Cut the 002 wire within 1-2 inches of the harness bundle. Add an electrical wire cap onto the short end of the wire nearest the harness bundle. Tape off the cap connector for protection. (See figures 7 & 8)

Figure 7

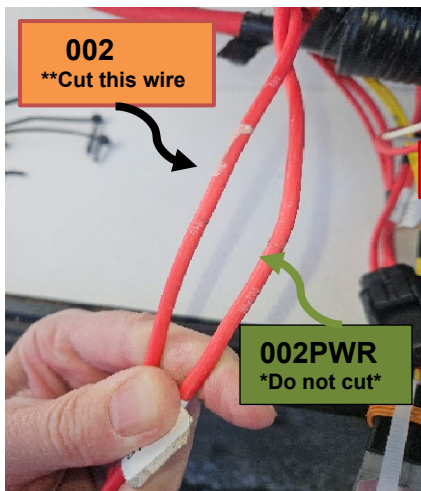


Figure 8

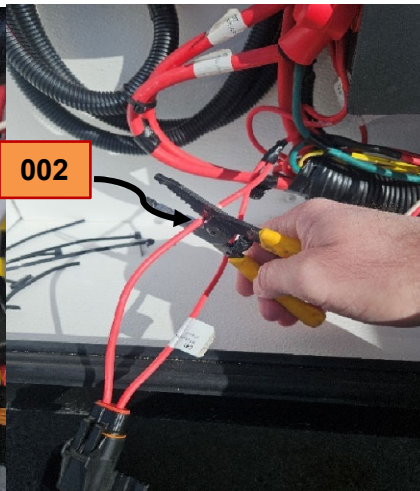
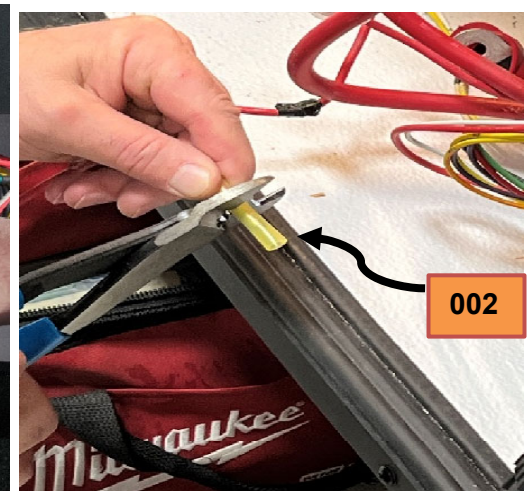


Figure 9



9. Add a 10-gauge splice electrical connector to the fuse side of the wire cut in the previous step (see Figure 9).

10. There is a cluster of 3 relays in this area. Look carefully to find the water pump relay. The harness should have a tag identifying the water pump relay. Isolate this relay. Then within the relay terminal wires, locate the 002 red wire going to the relay.(see Fig 10 & 11)

Figure 10

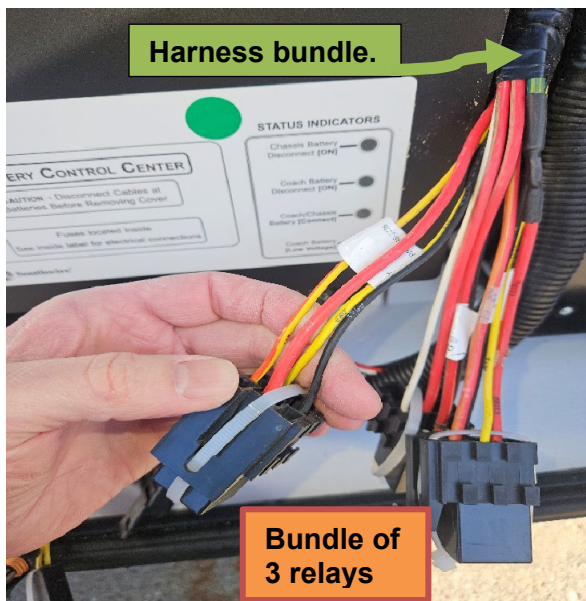
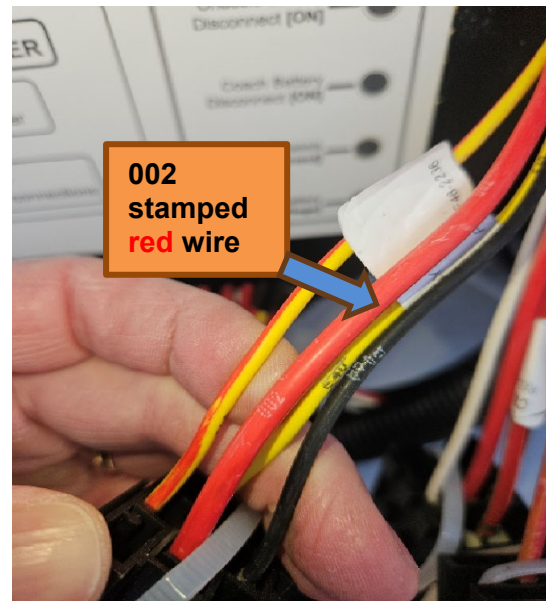


Figure 11



11. Trace the 002 red wire to the harness bundle. Cut the 002 red wire 1-2 inches away from the harness bundle. (see figure 12)

12. Add a wire cap connector to the short wire nearest the harness bundle. Crimp the connector on the open “short end” of the wire and tape for protection.

13. Crimp a 10-gauge wire splice connector to the “long end” of 002 wire going to the relay. Now there should be only two open-ended wires, one from the relay and one from the fuse.

14. Get a 12–15-inch piece of red 10-gauge wire (if needed) from your parts supply at your dealership.

15. Install the new wire by crimping it to the splice connector nearest the fuse and repeat the process with the wire nearest the water pump relay. (see figure 13)

Figure 12

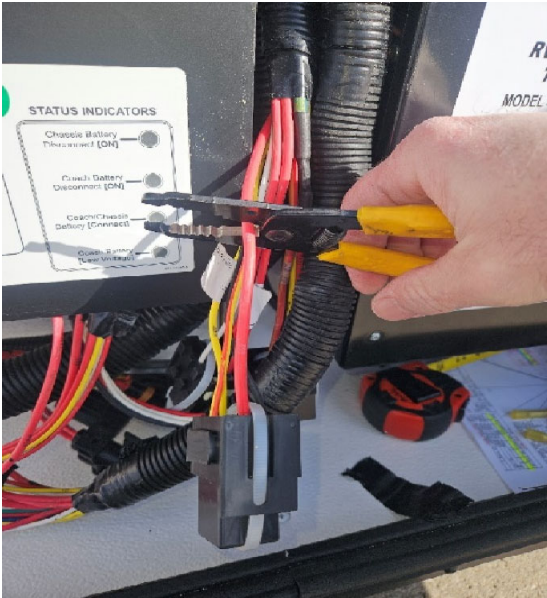
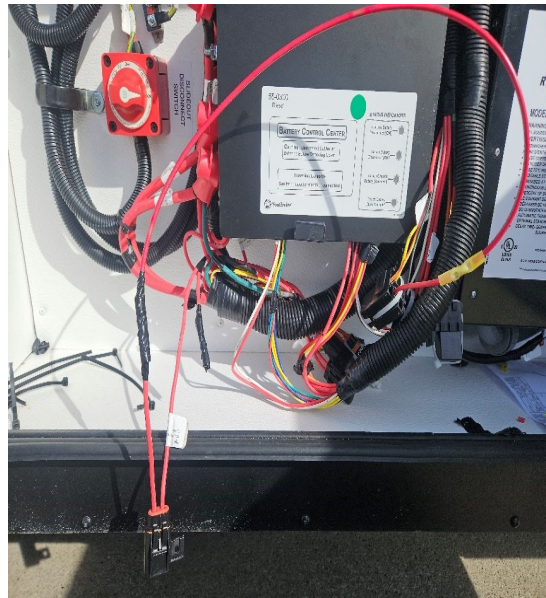


Figure 13



16. Wrap all wire splice connections with electrical tape.

17. Bundle the harness and wire tie neatly leaving all fuse holders and relays accessible.

18. To test the repair, turn on the disconnects. Then go to the water pump fuse holder and unplug the fuse (see figures 14 & 15). Go to the service panel and locate the water pump switch (see figure 16). Push to turn it on. Listen for the pump to run. If nothing happens, go back, and plug in the fuse, return to the service panel, and push the water pump switch. Listen for the pump. If it works, then the repair was successful. (a faucet may need to be opened as part of the test).

Figure 14

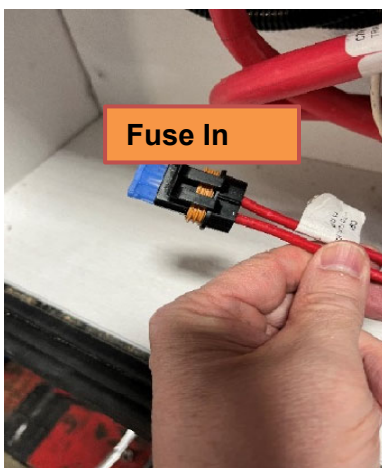


Figure 15

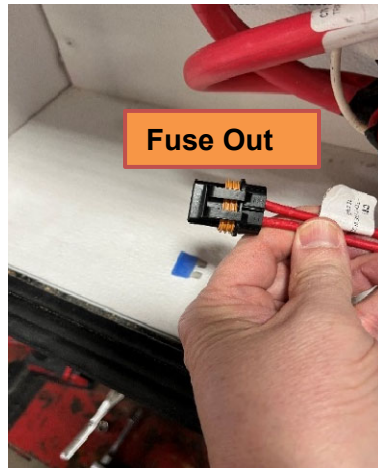
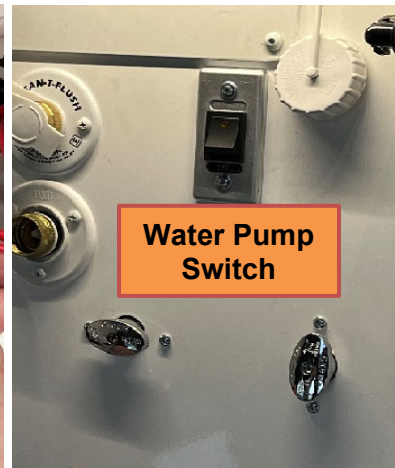


Figure 16



WARRANTY LABOR ALLOWANCE:

Recall 240416REV Water Pump Circuitry (Prior Authorization & Photos are Required)

Use Flat Rate Code: 6317 11 Inspected/Non-Defective Time Allowed: .20 hr.

Flat Rate Code: 6317 12 Inspected/Defective/Repaired Time Allowed: .70 hr.

NOTE This includes .02 hr. inspection

TOOLS AND PPE

Wire Stripper

Wire Crimper

Torque Wrench

Sockets

Knife

PARTS NEEDED (Obtain Locally)

Electrical Tape Butt Connectors

Wire Zip Ties

10 gauge red 12-volt wire (if needed)

ALL APPROVALS, and CLAIM PAYMENTS must go through REV RV Technical Support at (800) 816-9825.