

Terminal Repair Information

Recommended Tool List:

3/8" Drive Impact Gun
3/8" Drive Ratchet
3/8" Drive 10mm Deep Impact Socket
3/8" Drive 13mm Deep Impact Socket
3/8" Drive Torque Wrench
1/4" Drive Ratchet
1/4" Drive 10mm Socket
1/4" Drive Torque Wrench
Push Pin Removal Trim Tool
Test Light
Rotunda Flex Probe Kit
Side Cutters
Wire Stripper / Crimper
Heat Gun

1. Can the electrical concern be diagnosed to a lack of power from a mini-fuse in the Battery Junction Box (BJB) and a new mini-fuse has been installed?

Yes - Proceed to Step 2.

No - If diagnosis indicates the cause of the concern is due to corrosion of a non-serviceable component in the BJB, submit an approval request via the Special Support Service Center (SSSC) Web Contact Site for harness replacement.



2. Using a test light and the appropriate Rotunda Flex Probe, verify the terminals for the affected fuse are not loose and the fuse is able to conduct current. Is a concern present with a mini-fuse terminal that can be repaired using a terminal repair kit? Refer to Figure 1.

Yes - Obtain the appropriate terminal repair kit and proceed to Step 3.

No - If an unserviceable terminal is damaged and/or wiring harness replacement is required due to BJB corrosion, submit an approval request via the SSSC Web Contact Site.

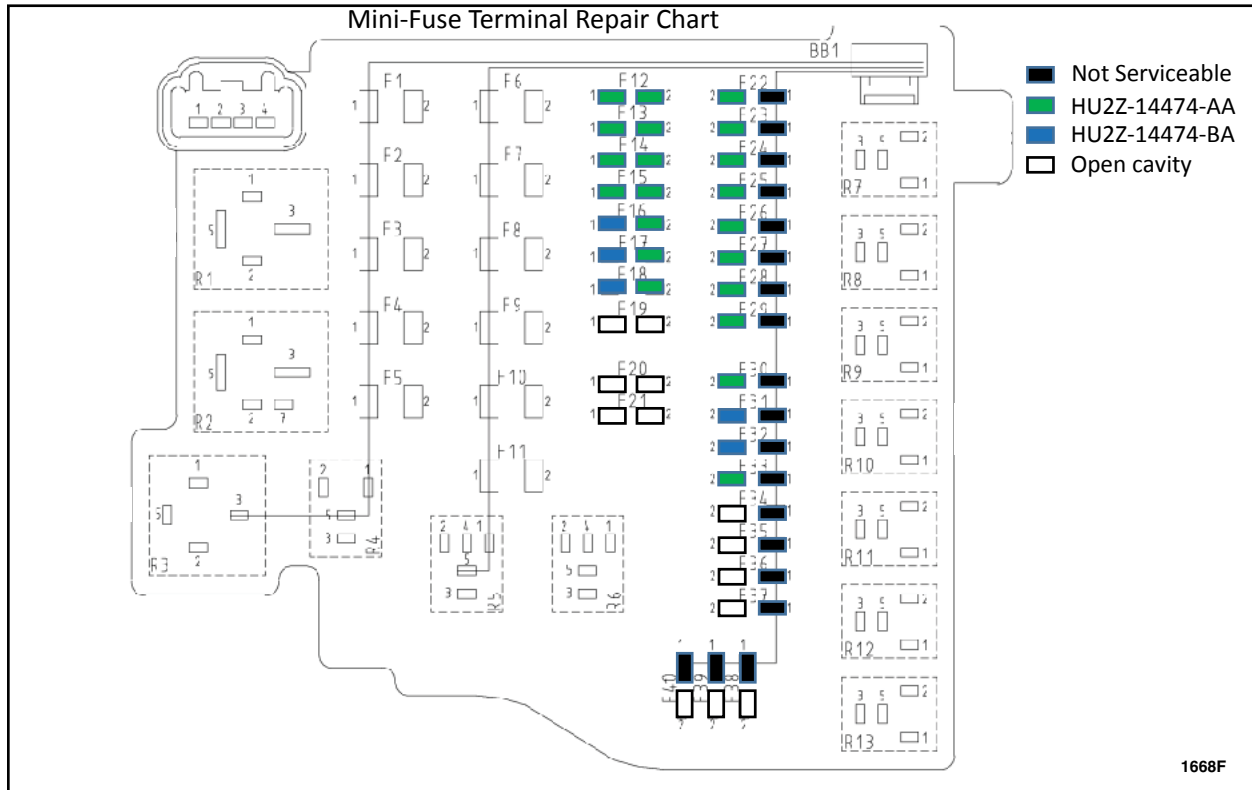


FIGURE 1



3. Remove the battery and battery tray. Please follow the Workshop Manual (WSM) procedures in Section 414-01.
4. Remove the two nuts from the BJB. See Figure 2.

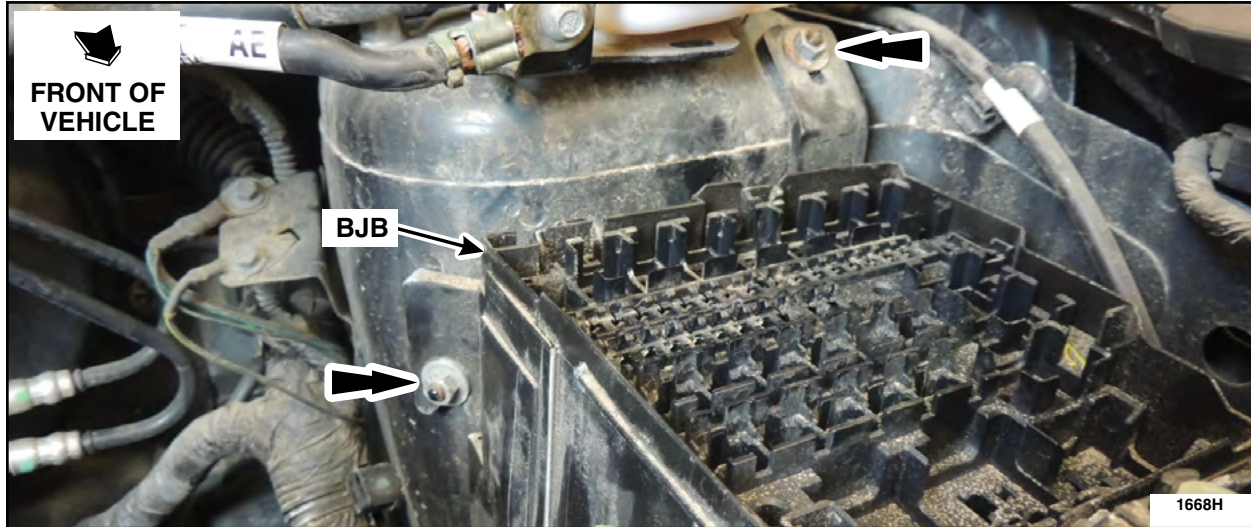


FIGURE 2

5. Disconnect the BJB harness retainers and position the BJB towards the engine to allow access to the bottom portion of the BJB for terminal replacement. See Figure 3.

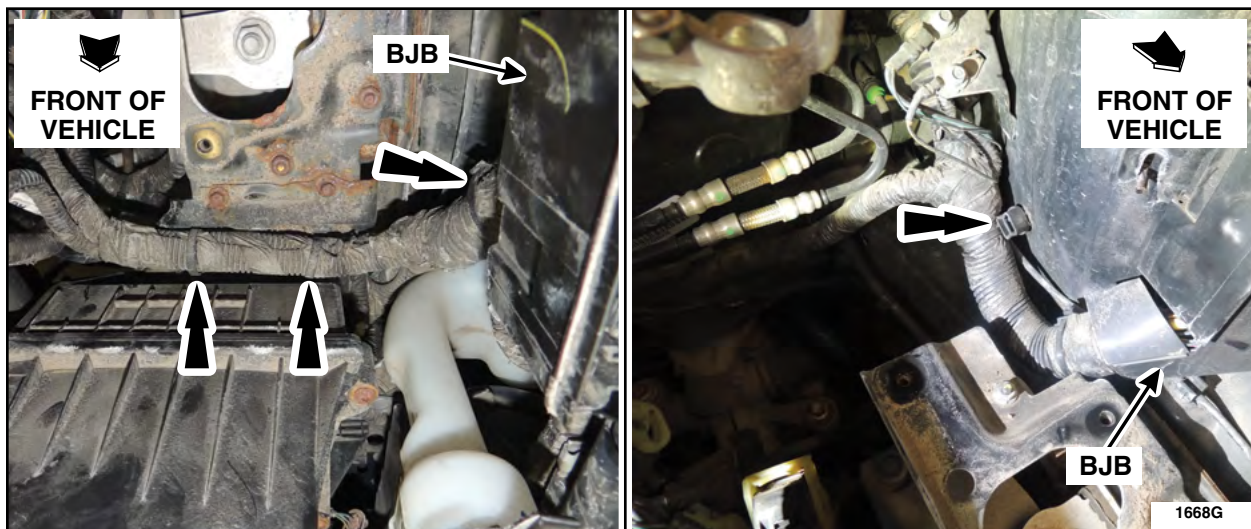


FIGURE 3



6. Refer to the installation instructions within the terminal repair kit to replace damaged terminals.
 - a. After removing the damaged terminals, cut the affected circuit below the terminal, making sure to leave enough wire to repair the circuit with a *new* length of wire.
 - b. Crimp the *new* length of wire in place and place heat shrink tubing over the crimped area.
 - c. Slide the *new* terminal into place in the BJB.
7. Reposition the BJB and connect the harness retainers. See Figure 3.
8. Install the two BJB nuts. See Figure 2.
9. Install the battery and battery tray. Please follow the WSM procedures in Section 414-01.

