

February 7, 2020

Version 1

Service Manual Update: Accessory Power Socket Troubleshooting

AFFECTED VEHICLES

All vehicles with accessory power sockets

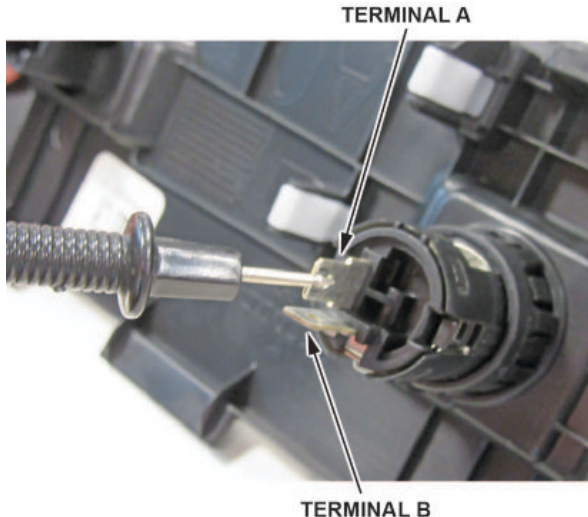
BACKGROUND

When troubleshooting an inoperative accessory power socket, do the TROUBLESHOOTING STEPS below.

TROUBLESHOOTING STEPS

NOTES

- If none of the accessory power sockets work, first check the ground being shared with all of the sockets.
- Check for foreign objects such as a coin in the power socket, and remove it before doing this troubleshooting.
- 1. Access the back of the accessory power socket that is inoperative. Go to the appropriate accessory power socket removal and installation procedure in the service information.
- 2. Check for continuity between terminals A to C and B to C.



Is there continuity between terminals A and C or B and C?

Yes - Go to the next step.

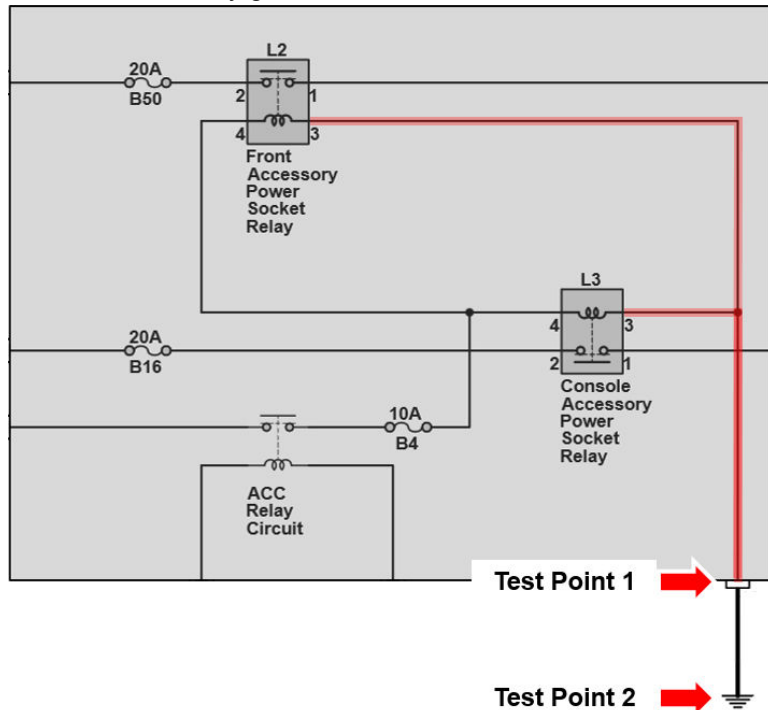
No - Replace the socket and check the socket operation. Advise the customer that the internal fuse of the socket may have blown due to a foreign object, or using a device that exceeded the amperage rating.

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

3. Inspect the accessory power socket 2P connector terminals to make sure they are all making good contact.
 - If the terminals are bent, loose, or corroded, repair them as necessary and recheck the socket operation.
 - If the terminals look OK, go to the next step.
4. Turn the ignition to ON.
5. Measure the voltage between the following:

Test Point 1 - Accessory power socket relay (relay control, ground side), fuse box or relay holder connector: Connected, wire side. Go to the appropriate EWD.

Test Point 2 - Body ground



Is there less than 0.2 volts?

Yes - Go to the next step.

No - There is an open or high resistance in the wire between the fuse box or relay holder and ground. Troubleshoot for an open circuit, and check for a poor ground.

6. Measure the voltage between the accessory power socket connector (power side, terminal 1 or 2 depending on the model) and body ground.

Is there battery voltage?

Yes - Go to the next step.

No - Check the appropriate fuse supplying power to the relay-control side and the relay-switch side. If the fuse is blown, replace the fuse and repeat this step. If the fuse is OK, go to step 8.

7. Check for continuity between the accessory power socket connector (ground side, terminal 1 or 2 depending on the model) and body ground.

Is there continuity?

Yes - No problem found. Connect the accessory power socket connector, plug in an available electrical device, and check again.

No -There is a open or high resistance in the wire between the accessory power socket and ground. Troubleshoot for an open circuit, and check for poor ground.

8. Do the following:
 - Check the accessory power socket relay. Go to the procedure Power Relay Test in the service information.
 - Check for a open or high resistance in the wire on the power side between the fuse box or relay holder and the accessory power socket.

END