

Lighting System

HID Lamp System Troubleshooting

⚠ CAUTION

Never turn on the combination light switch before fitting the HID bulbs to their bulb sockets and completing the reassembly of the headlight assembly.

1. Check the No. 49 (20 A) or No. 52 (20 A) fuse in the main under-hood fuse/relay box.

Are the fuses OK?

YES — Go to step 2.

NO — Replace the fuse (s), and recheck.

2. Substitute a known-good HID bulb and recheck.

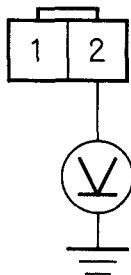
Does the headlight low beam come on?

YES — Replace the HID bulb.

NO — Go to step 3.

3. Disconnect the 2P connector from the inverter unit.
4. Turn the combination light switch ON.
5. Measure the voltage between the No. 2 terminal of the inverter unit 2P connector and body ground.

INVERTER UNIT 2P CONNECTOR



Wire side of female terminals

Is there battery voltage?

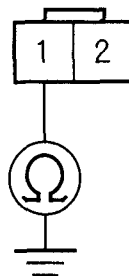
YES — Go to step 6.

NO — Repair open in the wire between the under-hood fuse/relay box and the inverter unit.

6. Turn the combination light switch OFF.

7. Check for continuity between the No. 1 terminal of the inverter unit 2P connector and body ground.

INVERTER UNIT 2P CONNECTOR



Wire side of female terminals

Is there continuity?

YES — Substitute a known-good inverter, and recheck. If the symptom/indication goes away, replace the original inverter unit.

NO — Repair open in the wire between the inverter unit and body ground. If the wire is OK, check for poor ground at G202 or G302.