

Lighting System

HID Lamp System Troubleshooting ('99 - 04 models)

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. 45 (20 A) or No. 46 (20 A) fuse in the 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.

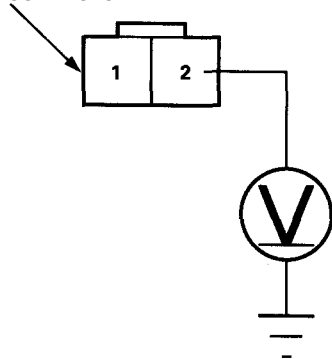
Does the headlight low beam come on?

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 voltage between the No. 2 terminal of the inverter unit 2P connector and body ground.

INVERTER UNIT 2P CONNECTOR



Is there battery voltage?

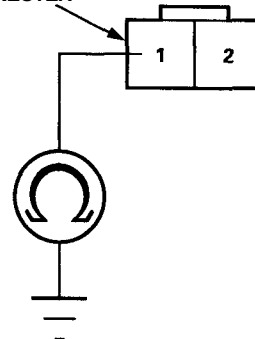
YES - Go to step 6.

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

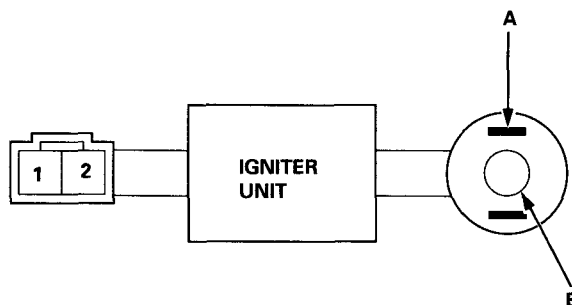


Is there continuity?

YES - Go to step 8.

NO - Repair open in the wire between the inverter unit and body ground. If the wire is OK, check for poor ground at G201 or G301.

8. Measure resistance between the No. 1 and B terminal and the No. 2 and A terminal of the igniter unit.



Is there about 1-2 Ω ?

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

NO - Replace the igniter unit.