

2005-08 ACCESSORIES AND EQUIPMENT

Rear Window Defogger - RL

COMPONENT LOCATION INDEX

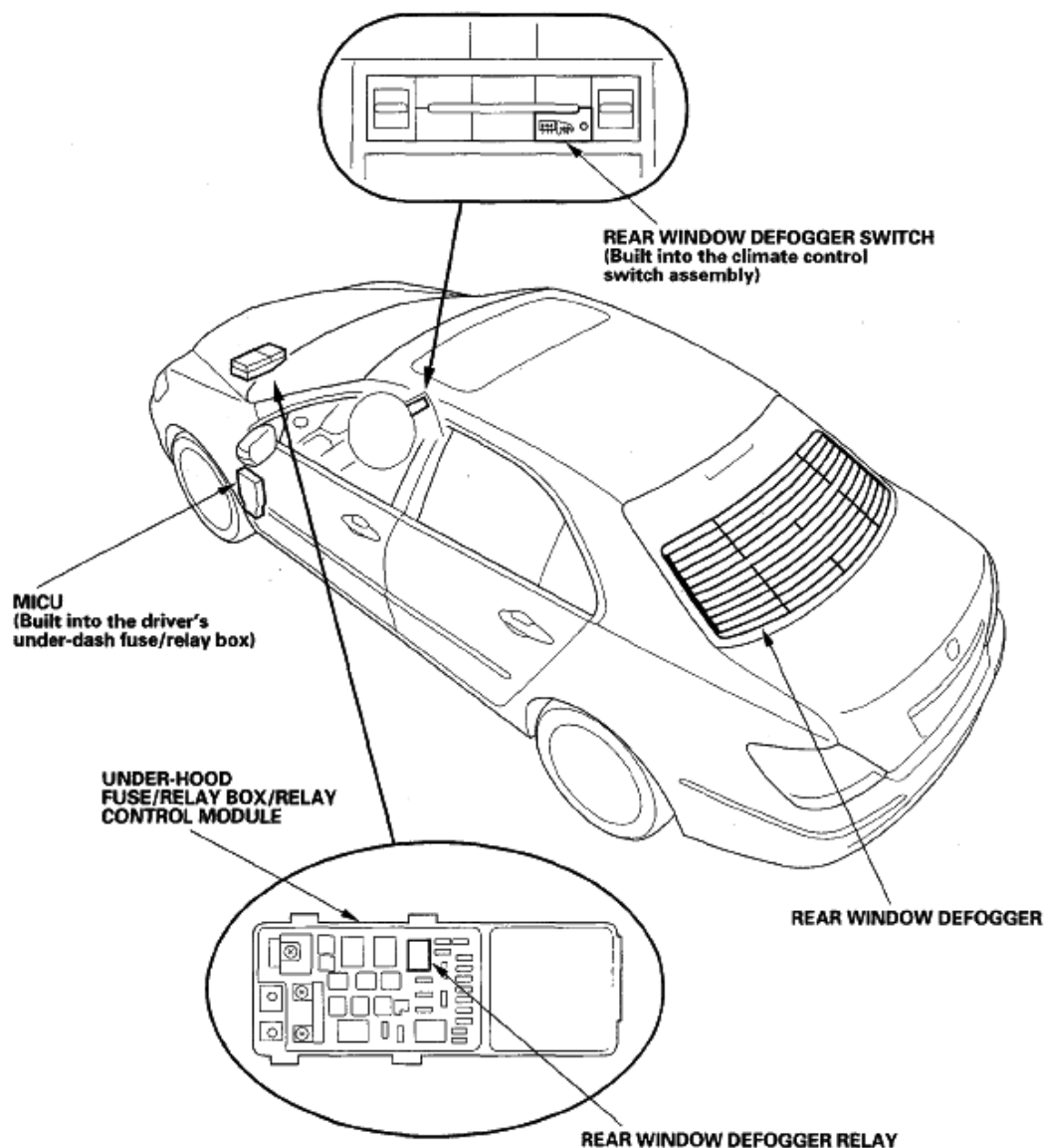


Fig. 1: Identifying Rear Window Defogger Component Location
Courtesy of AMERICAN HONDA MOTOR CO., INC.

CIRCUIT DIAGRAM

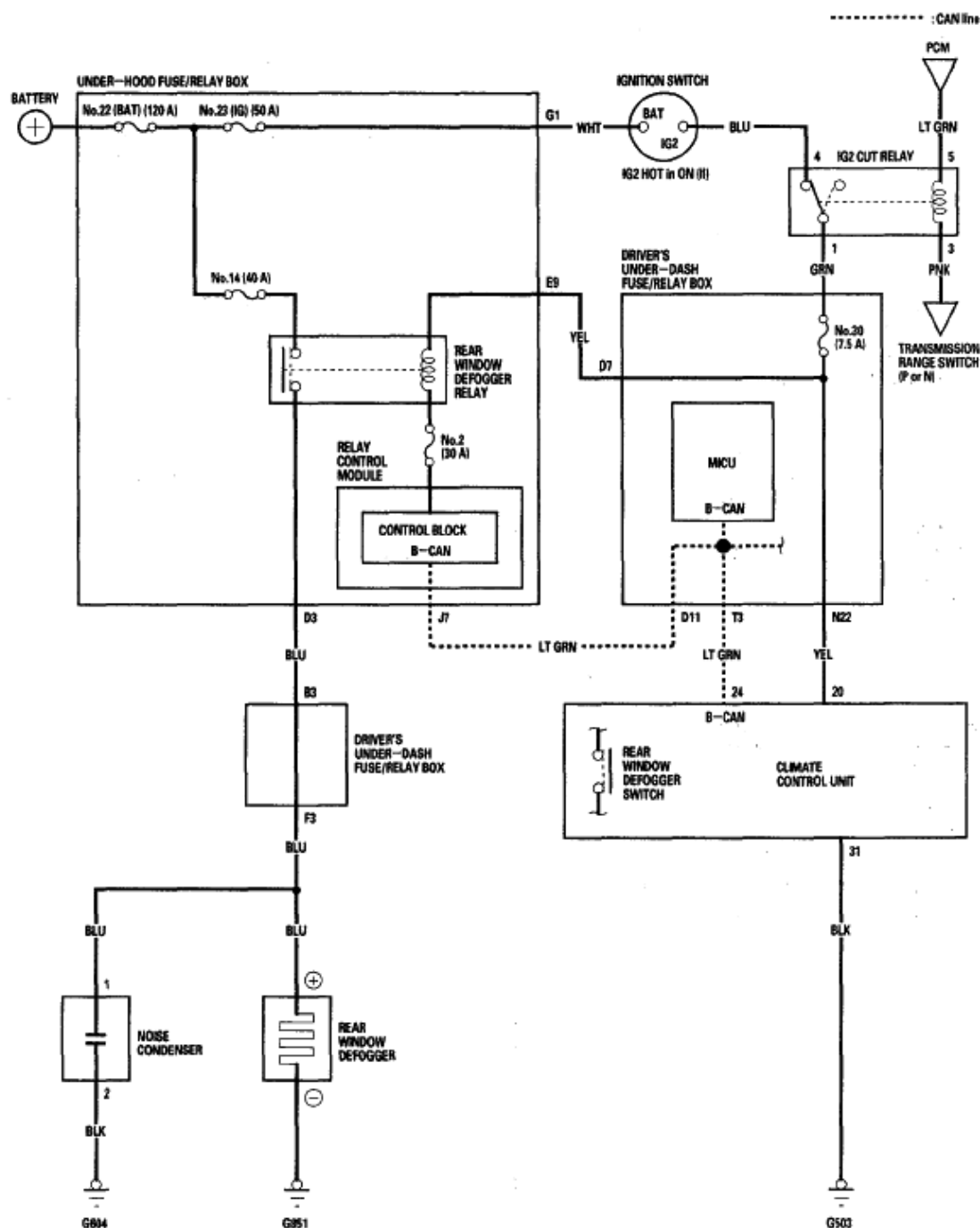


Fig. 2: Rear Window Defogger - Circuit Diagram
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

FUNCTION TEST

Before troubleshooting the rear window defogger circuit, perform multiplex integrated control system troubleshooting using B-CAN System Diagnosis Test Mode A (see **TROUBLESHOOTING - B-CAN SYSTEM DIAGNOSIS TEST MODE A**).

NOTE:

- Be careful not to scratch or damage the defogger wires with the tester probe.

- **Before testing, check the No. 14 (40A) and No. 2 (30A) fuses in the under-hood fuse/relay box and the No. 7 (10A) and No. 30 (7.5A) fuses in the driver's under-dash fuse/relay box.**

1. Check for voltage between the positive terminal (A) and body ground with the ignition switch and defogger switch ON.

There should be battery voltage.

- If there is no voltage, check for:
 - Faulty rear window defogger relay.
 - Faulty antenna module.
 - Faulty climate control unit assembly.
 - Faulty noise condenser
 - An open in the BLU wire to the positive terminal.
- If there is voltage, go to step 2.

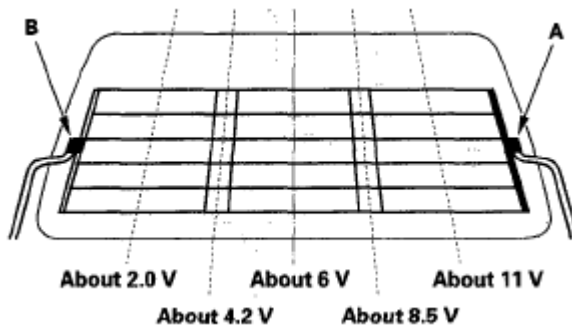


Fig. 3: Checking Voltage Across Defogger Grid
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Disconnect the negative terminal (B) from the rear window defogger.
3. Check for continuity between the negative terminal and body ground.

If there is no continuity, check for an open in the wire or poor ground (G851). If there is continuity, go to step 4.

4. Reconnect the negative terminal to the rear window defogger.
5. Turn the ignition switch ON (II) and the rear window defogger switch ON.
6. Touch the voltmeter positive probe to the each points on each defogger wire, and the negative probe to the negative terminal.
 - If the voltage is as specified, the defogger wire up to that point is OK.
 - If the voltage is not as specified, repair the defogger wire.

DEFOGGER WIRE REPAIR

NOTE: To make an effective repair, the broken section must be no longer than 1

inch (25 mm).

1. Lightly rub the area around the broken section (A) with fine steel wool, then clean it with isopropyl alcohol.

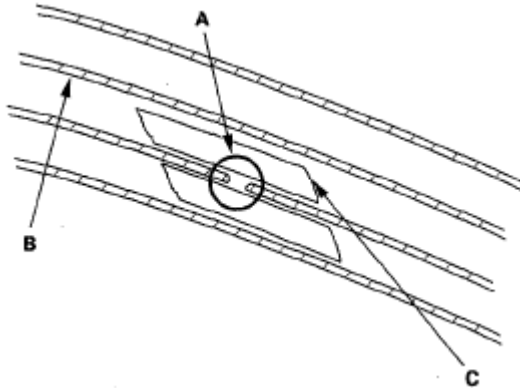


Fig. 4: Identifying Broken Section

Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Carefully mask above and below the broken portion of the defogger wire (B) with cellophane tape (C).
3. Using a small brush, apply a heavy coat of silver conductive paint (commercially available) extending about 1/8" on both sides of the break. Allow 25 minutes to dry.

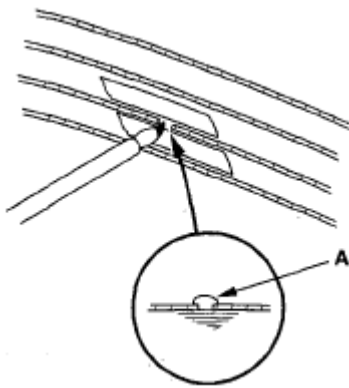


Fig. 5: Applying Heavy Coat Of Silver Conductive Paint Across Break

Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Perform the function test to confirm that the wire is repaired.
5. Apply a second coat of paint in the same way. Let it dry 3 hours before removing the tape.