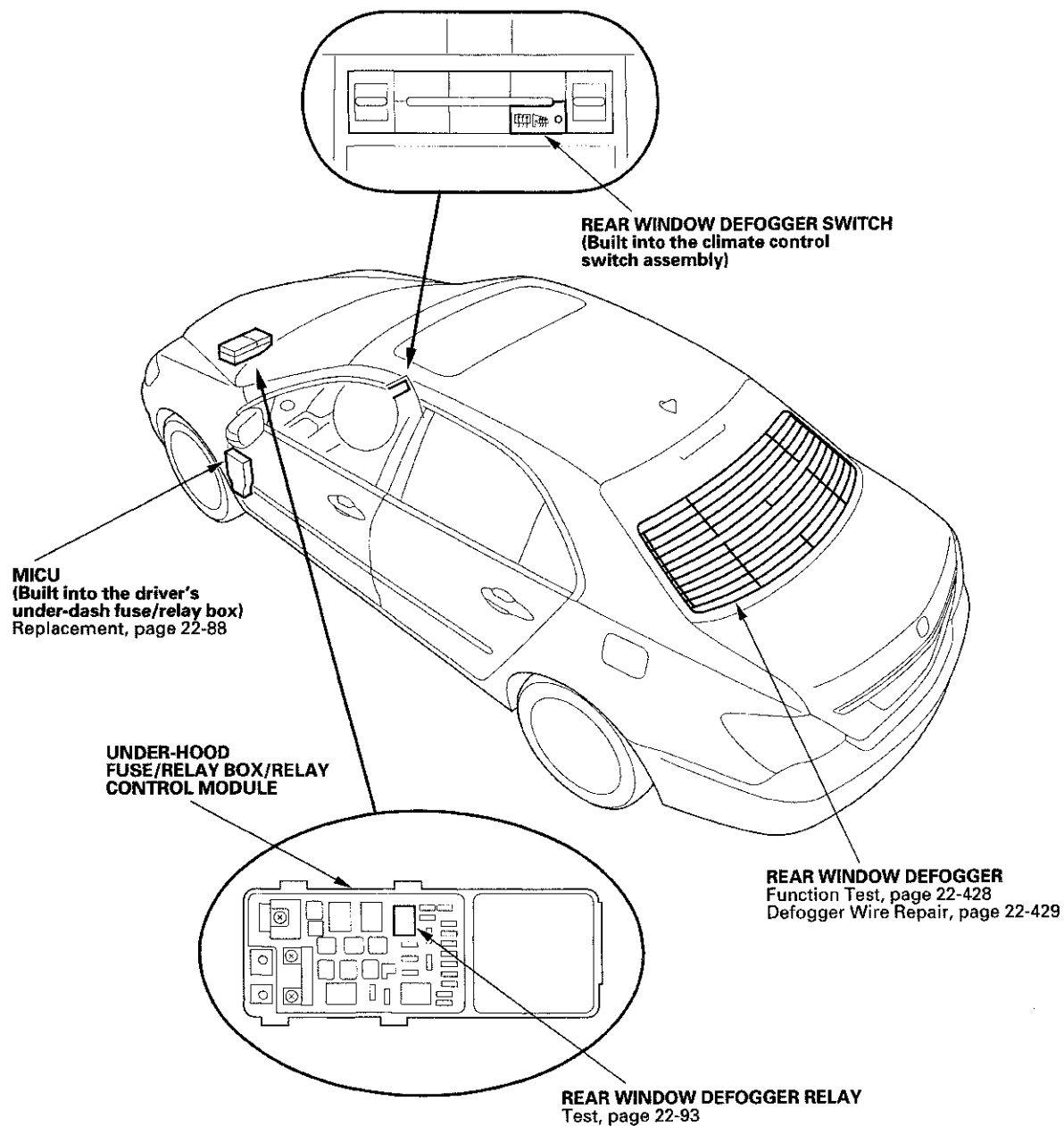


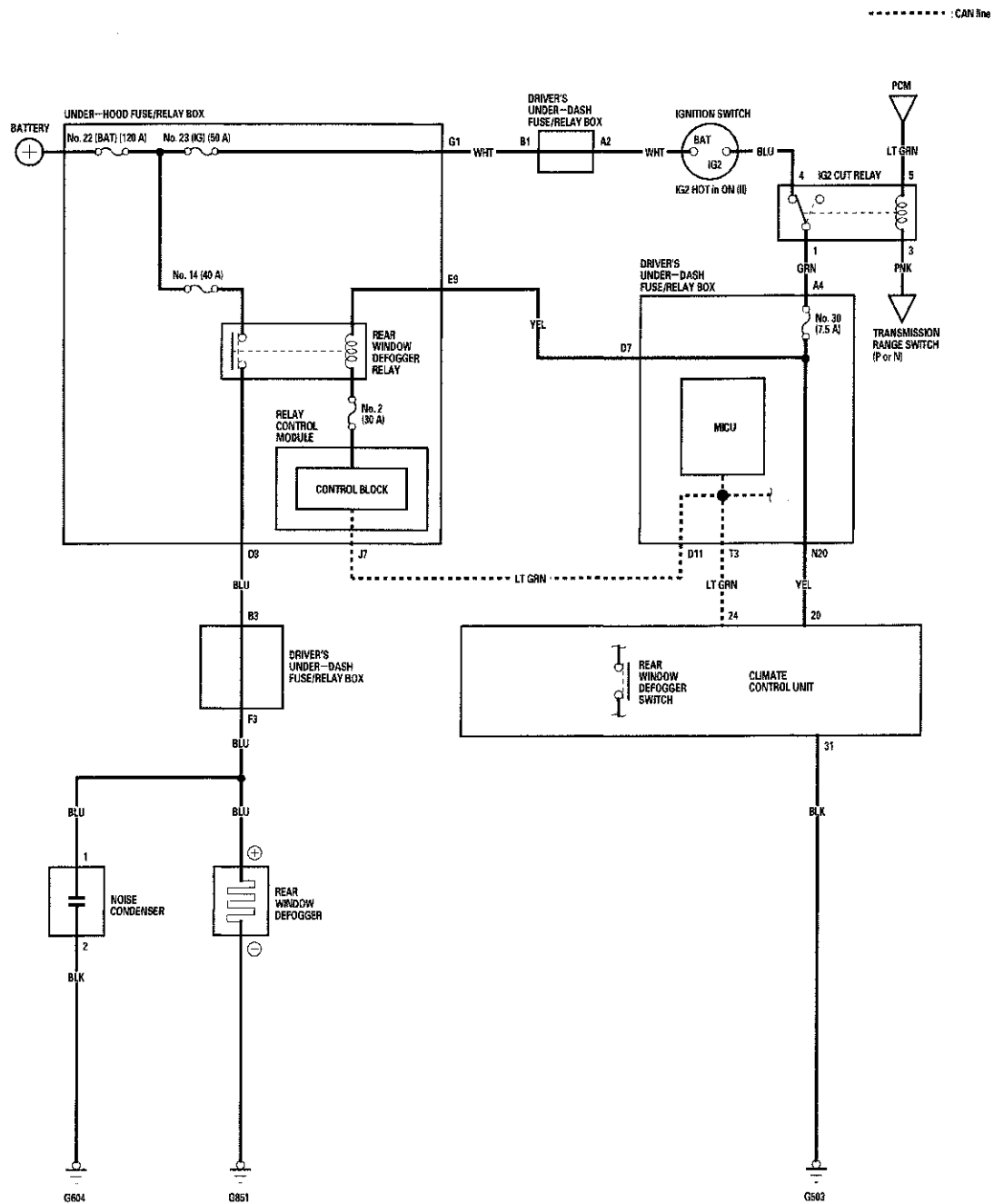
Rear Window Defogger

Component Location Index





Circuit Diagram



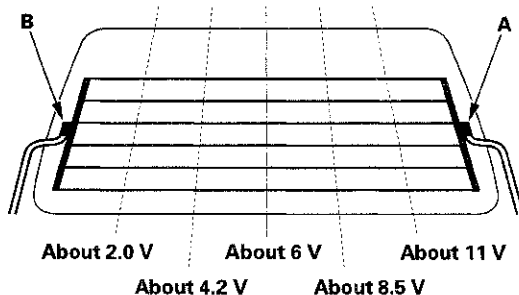
Rear Window Defogger

Function Test

NOTE:

- Before testing, check the No. 14 (40 A) and No. 2 (30 A) fuses in the under-hood fuse/relay box and the No. 30 (7.5 A) fuse in the driver's under-dash fuse/relay box.
- Be careful not to scratch or damage the defogger wires with the tester probe.

1. Turn the ignition switch to ON (II) and then turn the rear window defogger switch ON.
2. Measure the voltage between the positive terminal (A) and body ground. There should be battery voltage.
 - If there is no voltage, check for:
 - Faulty rear window defogger relay (see page 22-93).
 - Faulty climate control unit.
 - Faulty glass antenna coil.
 - An open in the BLU wire to the positive terminal.
 - If there is voltage, go to step 3.



3. Measure the voltage between negative terminal (B) and body ground. There should be less than 0.2 V.

- If there is less than 0.2 V, go to step 4.
- If there is more than 0.2 V, check for:
 - Open or high resistance in the wire.
 - Poor ground (G 851).

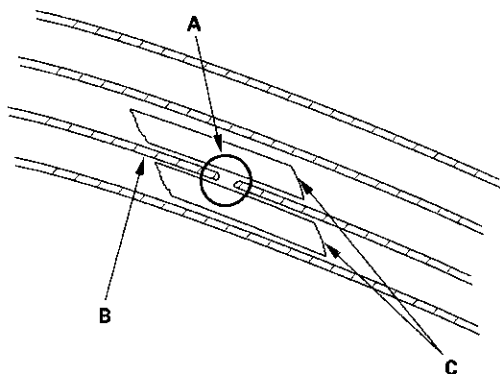
4. Touch the voltmeter positive probe to each point on each defogger wire, and the negative probe to the negative terminal.

- 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.
 - If it is more than specified at one of the points, there is a break in the negative half of the wire.
 - If it is less than specified at one of the points, there is a break in the positive half of the wire.

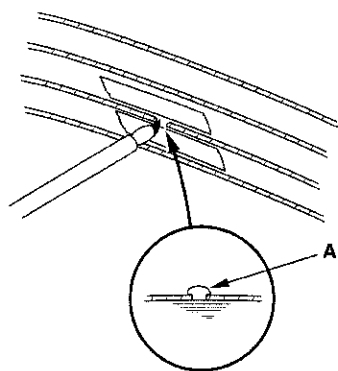
Defogger Wire Repair

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.



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) (A) extending about 1/8" on both sides of the break. Allow 25 minutes to dry.



4. Do 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.