

2000-06 ACCESSORIES & EQUIPMENT

Rear Window Defogger - Insight

COMPONENT LOCATION INDEX

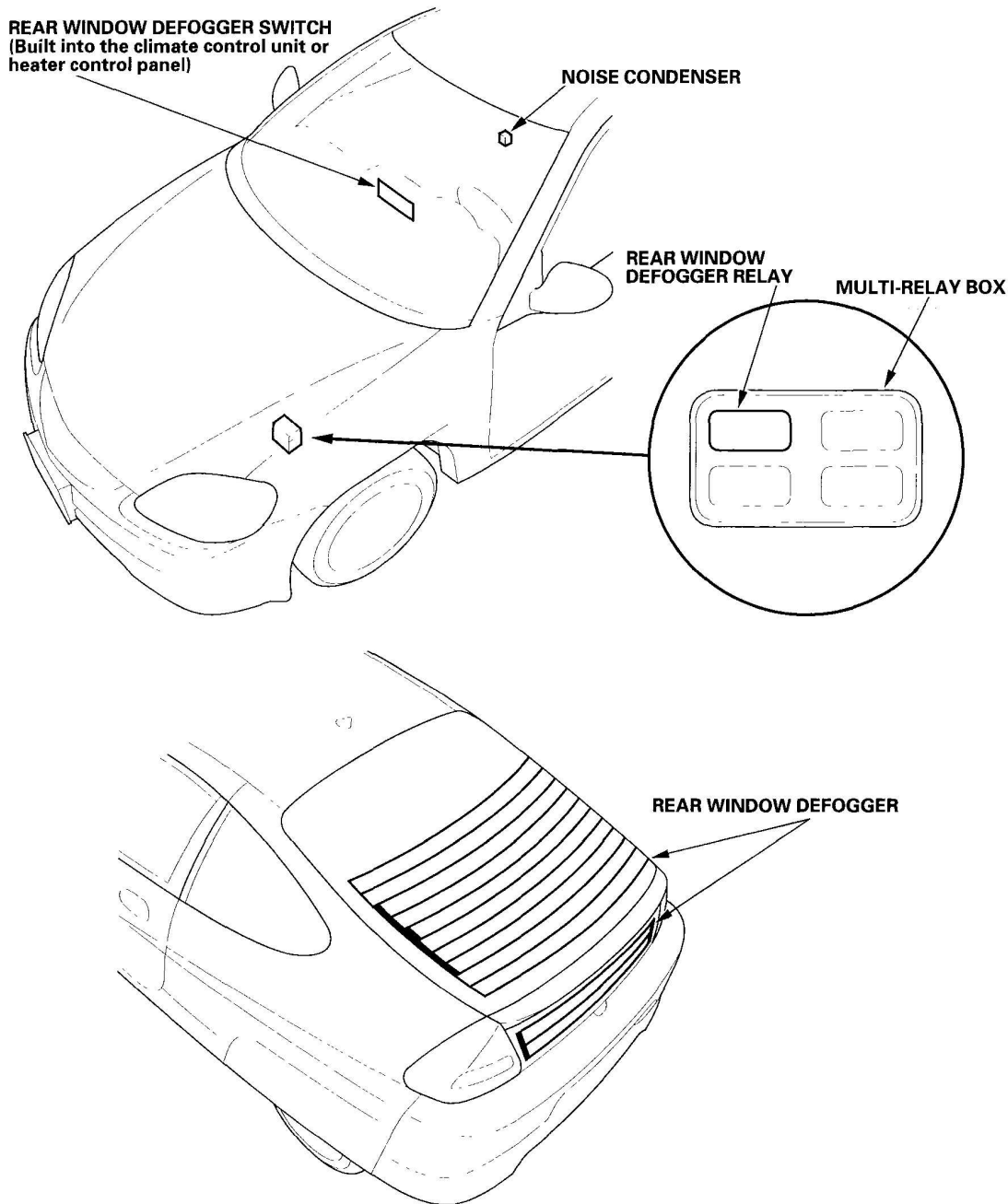


Fig. 1: Identifying Rear Window Defogger Components Location

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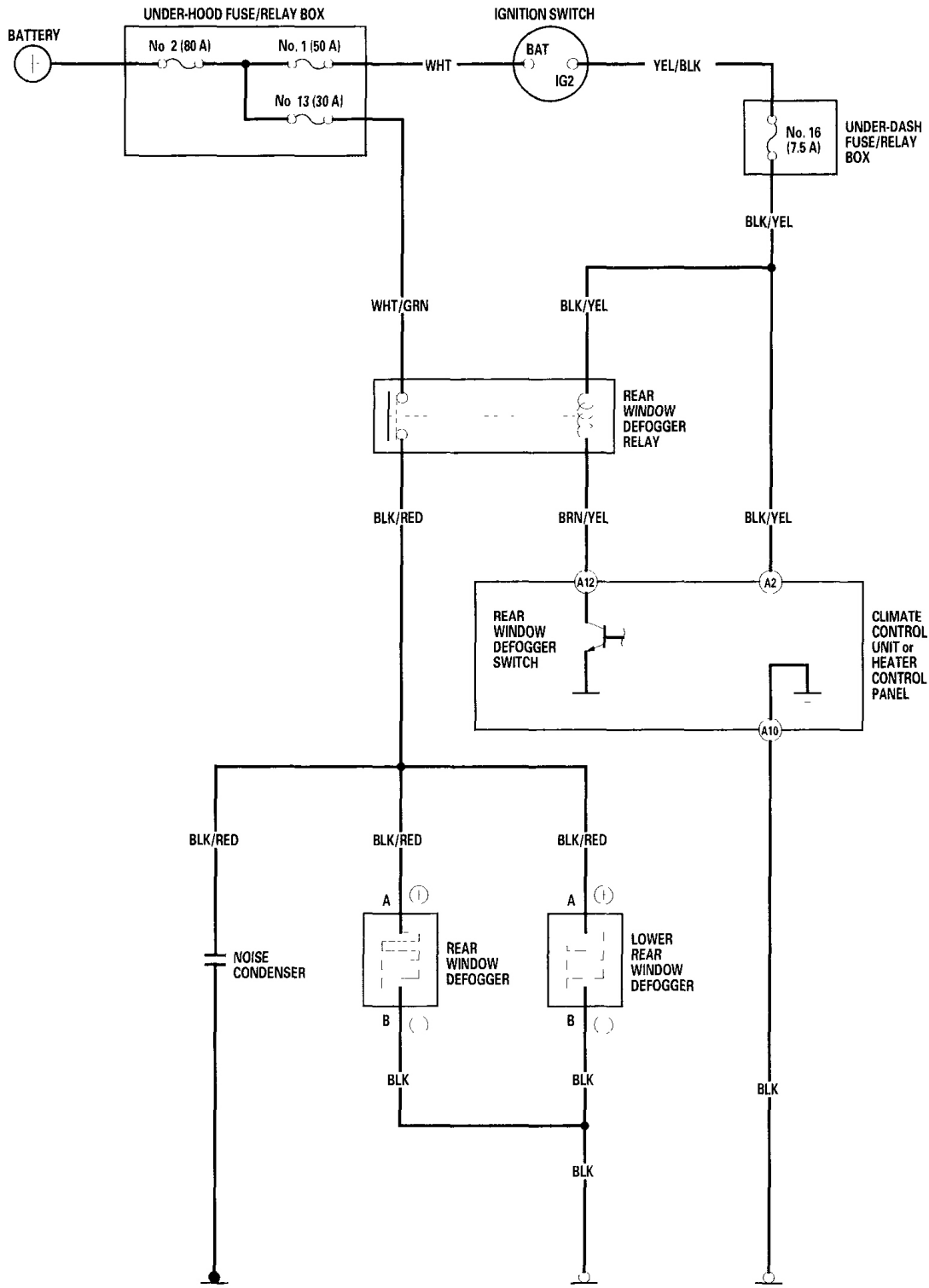
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Courtesy of AMERICAN HONDA MOTOR CO., INC.

CIRCUIT DIAGRAM

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G701

G404

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

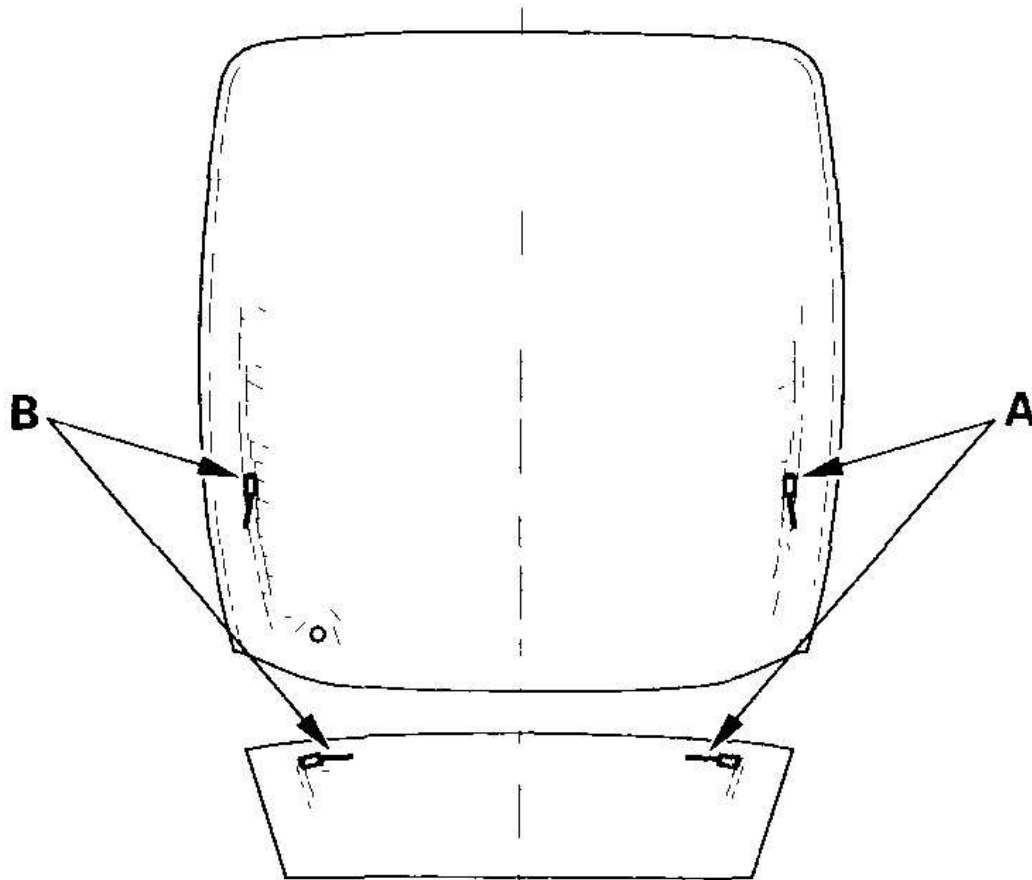
FUNCTION TEST

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

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.
 - Blown No. 13 (30 A) fuse in the under-hood fuse/relay box.
 - An open in the BLK/RED wire.
- If there is battery voltage, go to step 2.



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Fig. 3: Identifying Positive And Negative Terminal
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Check for continuity between the negative terminal (B) and body ground.

If there is no continuity, check for an open in the BLK. wire between the defogger and G701.

3. Touch the voltmeter positive probe to the halfway point of each defogger wire, and the negative probe to the negative terminal.

There should be about 6 V with the ignition switch and the defogger switch

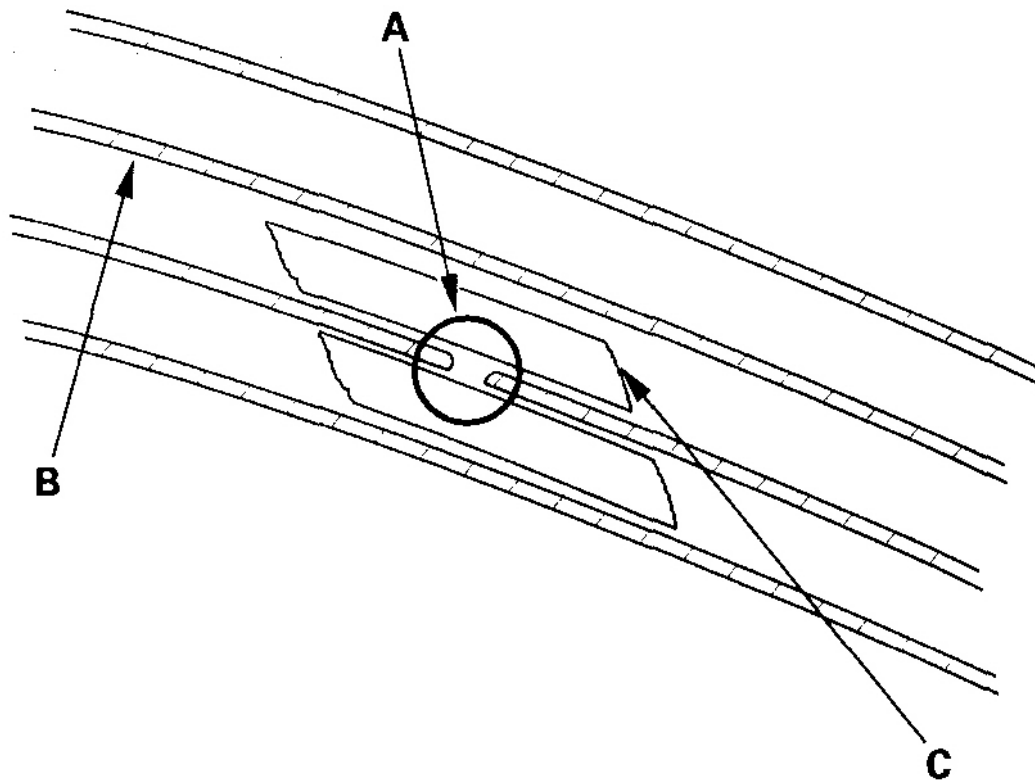
ON.

- If the voltage is as specified, the defogger wire is OK.
- If the voltage is not as specified, repair the defogger wire.
 - If it is more than 6 V, there is a break in the negative half of the wire.
 - If it is less than 6 V, 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 one inch.

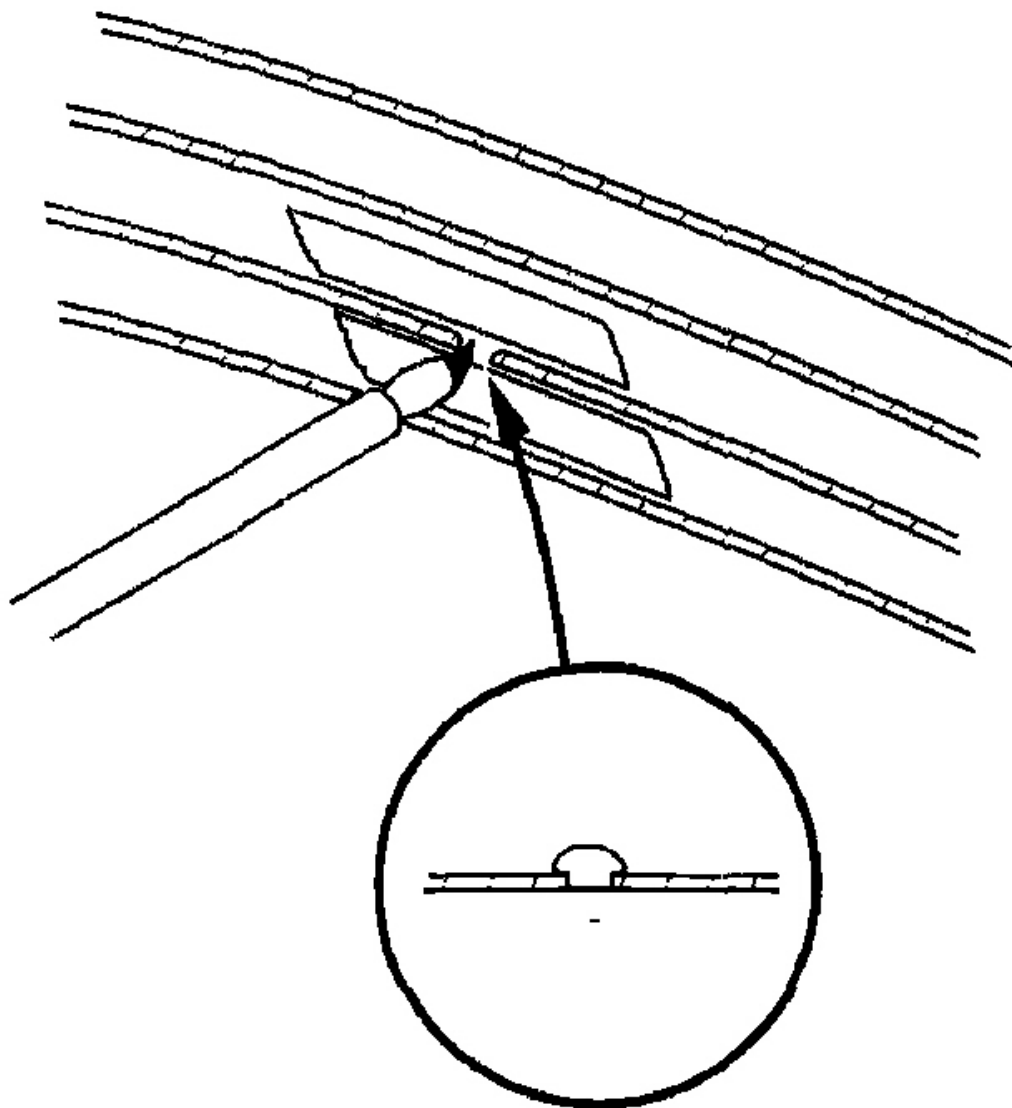
1. Lightly rub the area around the broken section (A) with fine steel wool, then clean it with isopropyl alcohol.



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Fig. 4: Identifying Broken Section Of Defogger Wire
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. Thoroughly mix the silver conductive paint using a small brush, then apply a heavy coat of silver conductive paint extending about 1/8" on both sides of the break. Allow 25 minutes to dry.



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Fig. 5: Applying Heavy Coat Of Silver Conductive Paint On Both Sides Of Defogger Wire Broken Section
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Check for continuity in the repaired wire.

2006 Honda Insight

2000-06 ACCESSORIES & EQUIPMENT Rear Window Defogger - Insight

5. Apply a second coat of paint the same way. Let it dry three hours before removing the tape.