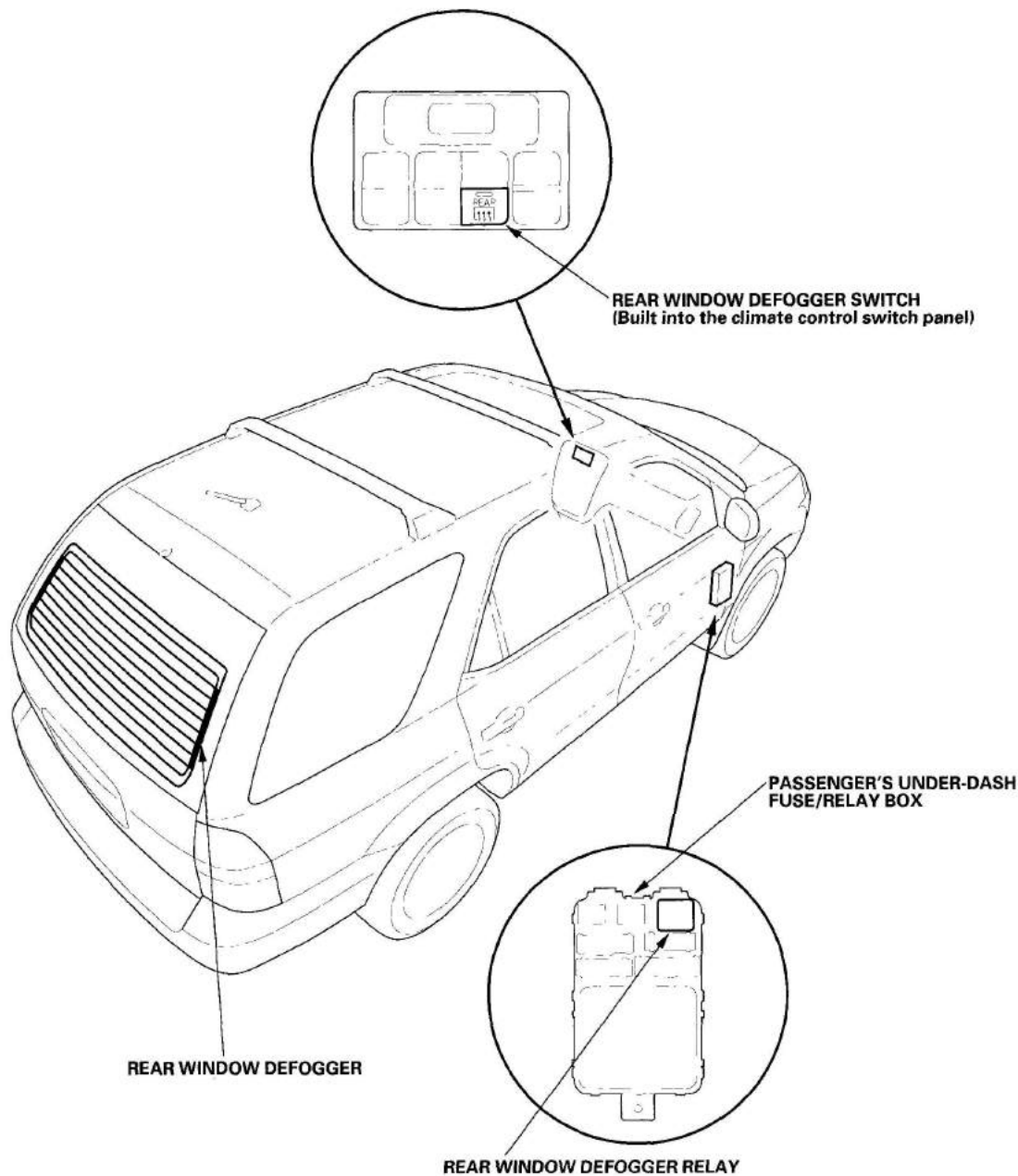


## 2003-06 ACCESSORIES & EQUIPMENT

### Rear Window Defogger - MDX

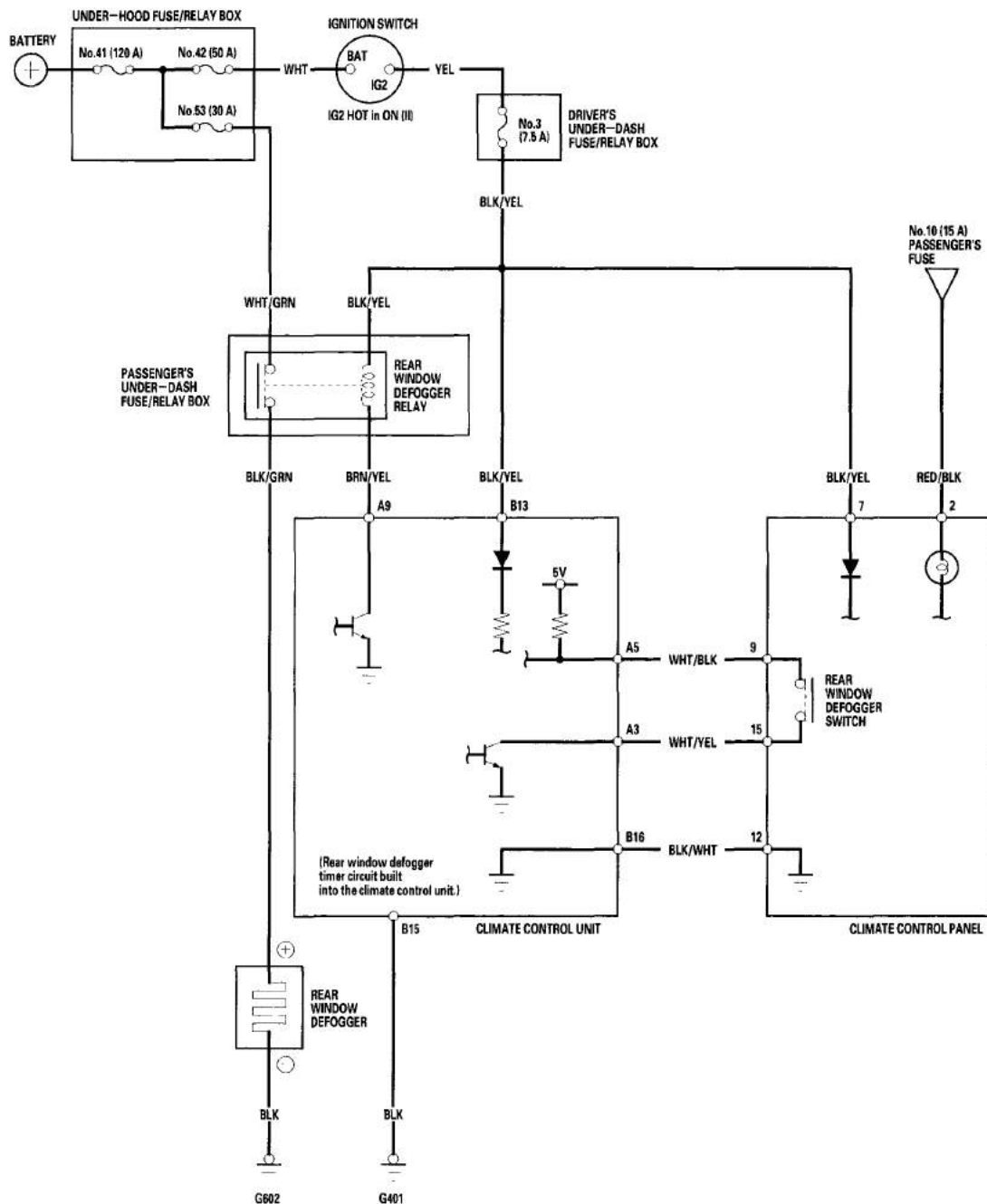
## COMPONENT LOCATION INDEX



G03642211

**Fig. 1: Identifying Components Location**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

## CIRCUIT DIAGRAM



G03642212

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

## FUNCTION TEST

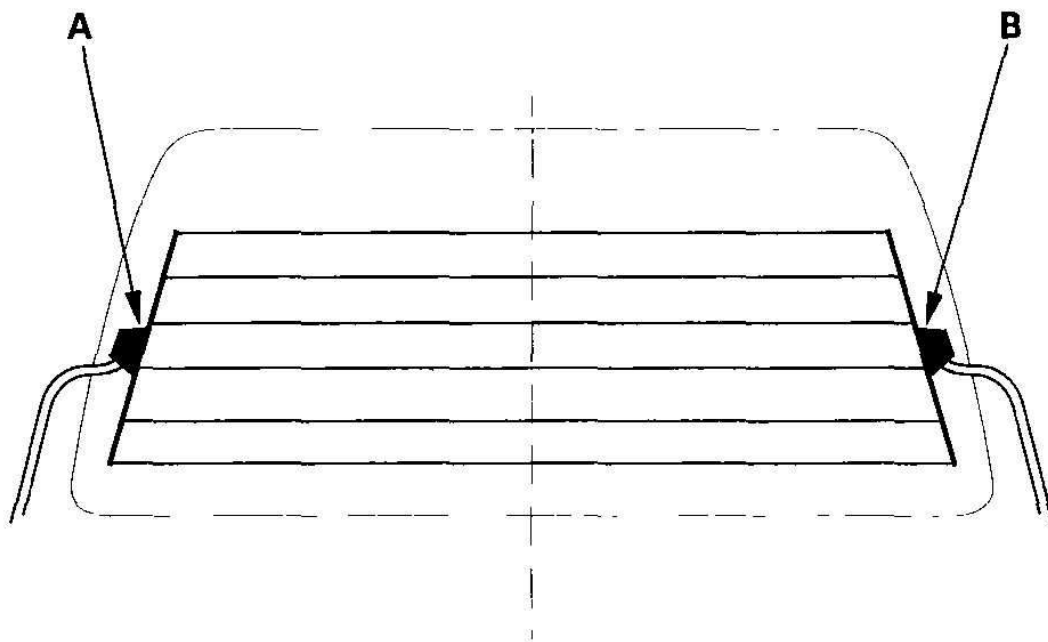
**NOTE:**

- Be careful not to scratch or damage the defogger wires with the tester probe.
- Before testing, check the No. 53 (30 A) fuse in the under-hood fuse/relay box and No. 3 (7.5 A) fuse 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 defogger relay.
  - an open in the BLK/GRN wire.
  - faulty climate control panel and unit.
- If there is battery voltage, go to step 2.



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**Fig. 3: Checking Voltage Between Terminal And Body Ground**  
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.

-Poor ground (G602).

- If there is continuity, go to step 3.

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

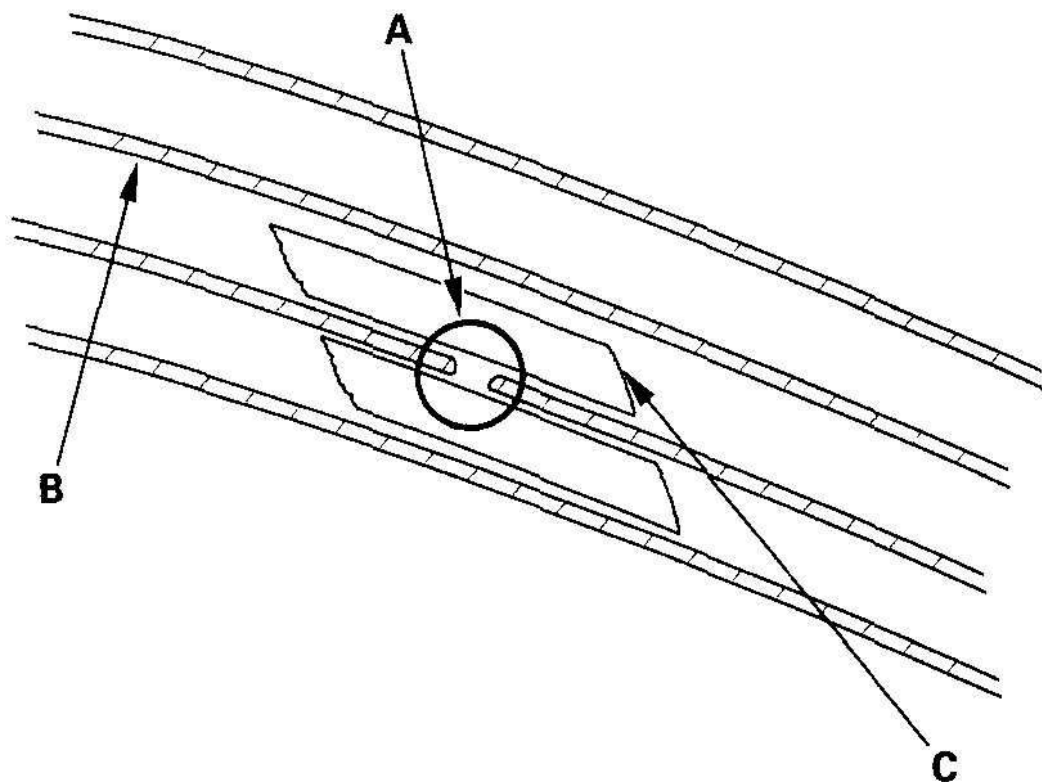
There should be about 6 V with the ignition switch and the defogger switch ON.

- 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.

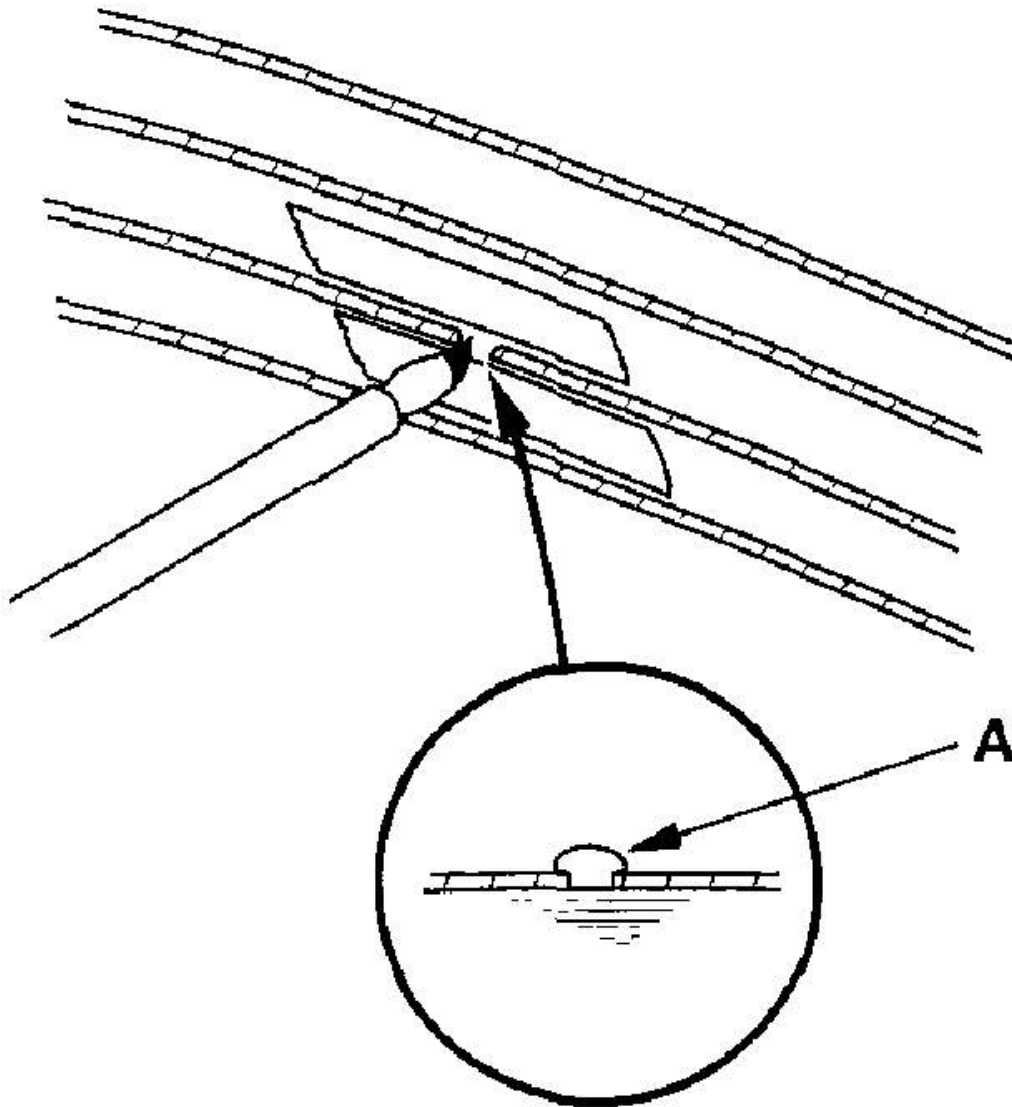
1. Lightly rub the area around the broken section (A) with fine steel wool, then clean it with alcohol.



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**Fig. 4: Rubbing Broken Section With Fine Steel Wool**  
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. Mix the silver conductive paint thoroughly. Using a small brush, apply a heavy coat of 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 Paint**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Recheck the voltage on the repaired wire.
5. Apply a second coat of paint in the same way. Let it dry 3 hours before removing the tape.