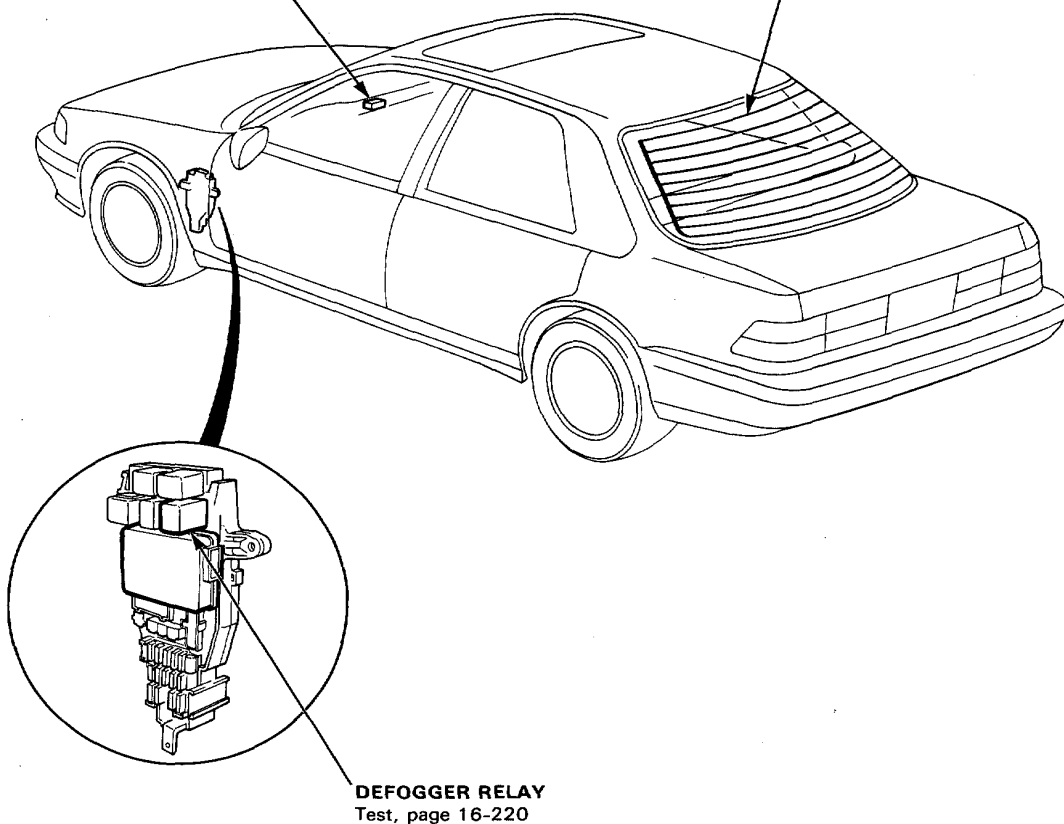


Rear Window Defogger

Component Location Index

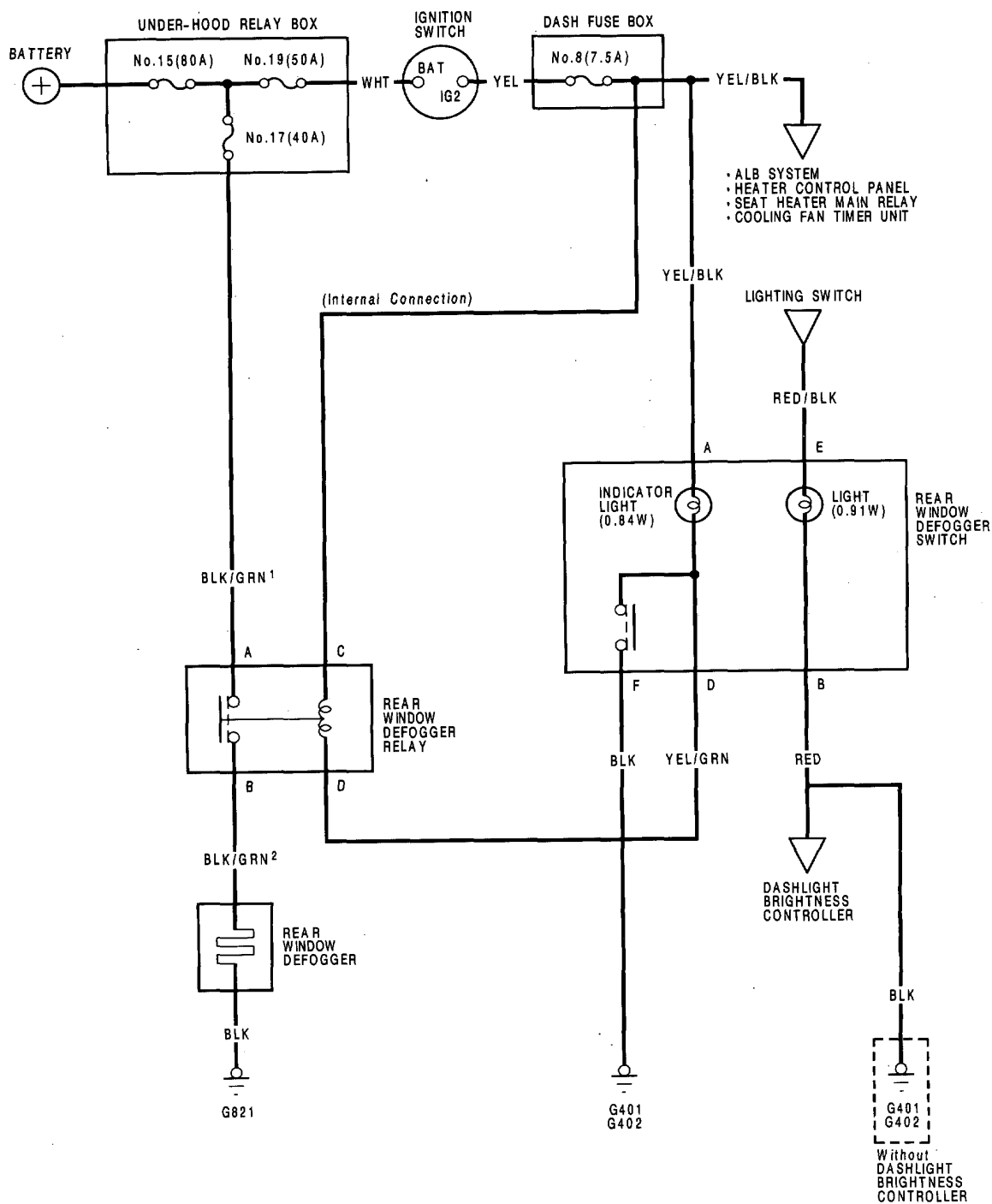
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DEFOGGER SWITCH**
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Circuit Diagram



Rear Window Defogger

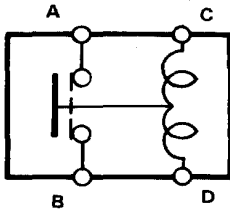
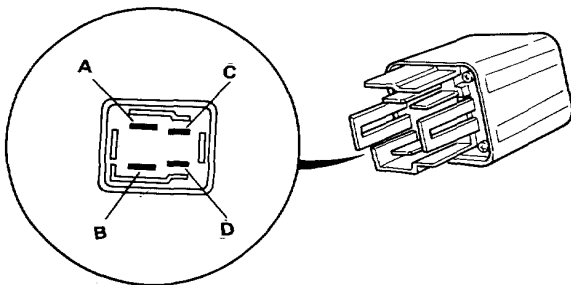
Troubleshooting

NOTE: The numbers in the table show the troubleshooting sequence.

Symptom	Item to be inspected							
	Blown indicator light bulb	Blown No. 8 (7.5 A) fuse (in the dash fuse box)	Blown No. 17 (40 A) fuse (in the under-hood box)	Defogger switch	Function test	Defogger relay	Broken defogger wire	Poor ground
Defogger operates, but indicator light does not go on.	1							
Defogger does not operate and indicator light does not go on.		1		2				G401 G402 YEL/BLK or BLK
Defogger does not operate, but indicator light goes on.			1		2	3	4	G821 BLK/GRN ¹

Relay Test

1. Remove the relay from the dash fuse box.
2. There should be continuity between the A and B terminals when the battery is connected to the C and D terminals. There should be no continuity when the battery is disconnected.





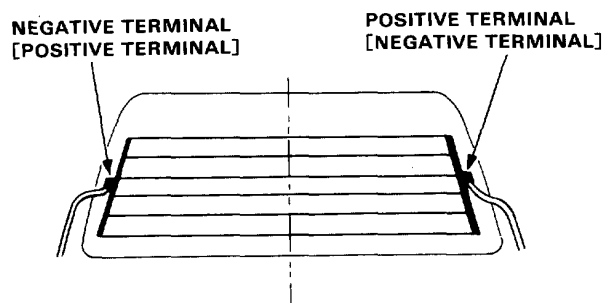
Function Test

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

1. Check for voltage between the positive terminal and body ground with the ignition switch and the defogger switch ON.
There should be battery voltage.

- If there is no voltage, check for:
 - Faulty defogger relay.
 - An open in the BLK/GRN¹ or BLK/GRN² wire.

- If there is battery voltage, go to step 2.



[]: RHD

2. Check for continuity between the negative terminal and body ground.
If no continuity, check for open in the defogger ground wire.

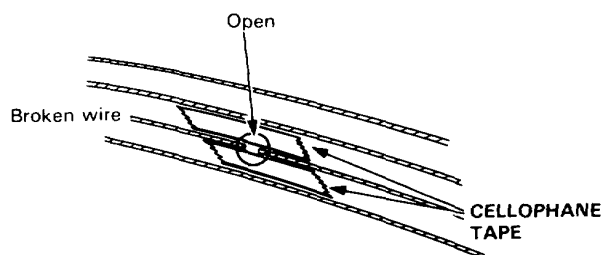
3. Connect the voltmeter positive probe to the center of each defogger wire, and the negative probe to the negative terminal.
There should be approximately 6 V with the ignition switch and the defogger switch ON.

- If the voltage is as specified, the defogger wire is OK.
- If there is battery voltage, the defogger wire is broken in the negative side of the center.
- If there is no voltage the defogger wire is broken in the positive side of the center.

Defogger Wire Repair

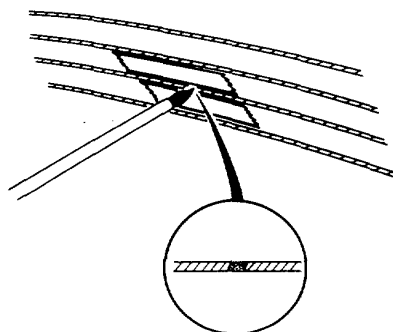
NOTE: Repair section must be no longer than one inch.

1. Lightly scour area around the break with the fine steel wool, then clean with alcohol.
2. Carefully mask broken portion of the defogger wire with cellophane tape.



3. Using a small brush, apply heavy coat of silver conductive paint extending about 1/8 in. on both sides of the break. Allow 30 minutes to dry.

NOTE: Thoroughly mix paint before use.

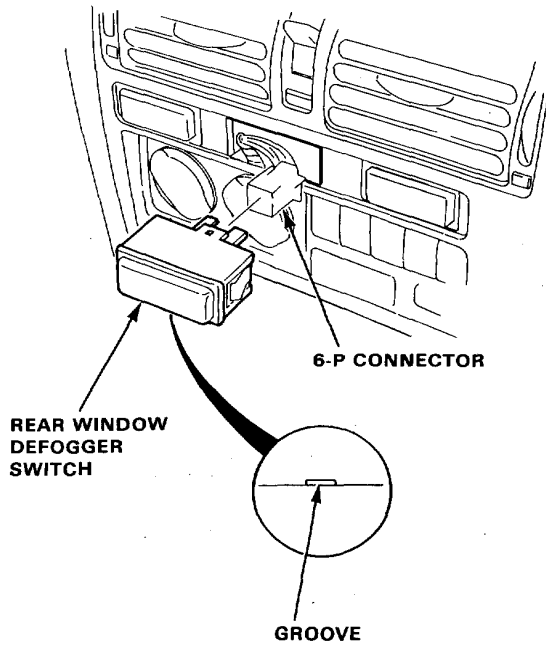


4. Check for proper operation with a voltmeter (approximately 6 V at the mid-point).
5. Apply a second coat of paint in the same manner.
Dry 3 hours before removing tape.

Rear Window Defogger

Rear Window Defogger Switch Removal

1. Carefully pry out the rear window defogger switch from the instrument panel.
NOTE: Be careful not to damage the switch or the instrument panel when prying out the switch.
2. Disconnect the 6-P connector from the switch.



Switch Test

1. Pry the switch from the instrument panel.
2. Check for continuity between the terminals according to the table.

Terminal Position	A		D	F	B		E
PUSHED	○	⊕	○	○			
RELEASED	○		○			○	⊕

