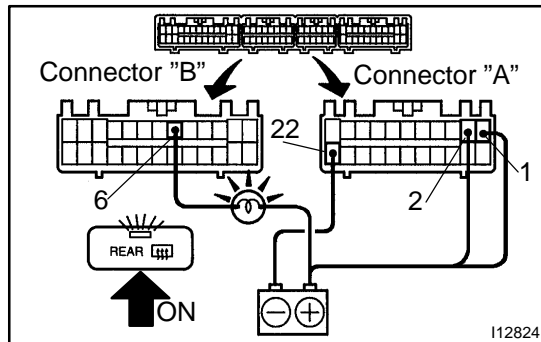


INSPECTION

1. A/C control panel assembly:

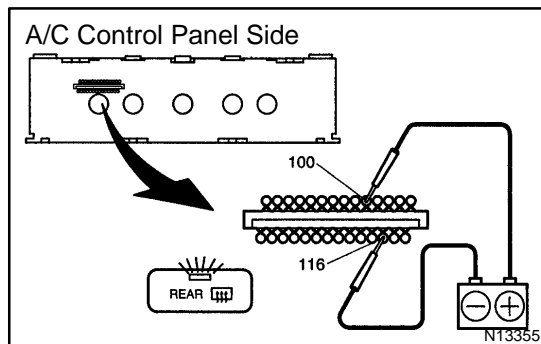
INSPECT DEFOGGER SWITCH OPERATION

- Connect the positive (+) lead from the battery to terminal A1, A2 and negative (–) lead to terminal A22.
- Connect the positive (+) lead from the battery to terminal B6 through a 1.4 W test bulb.



- Turn the defogger switch ON and check that the test bulb and indicator light turn ON, then turn OFF after about 15 minutes.

If operation is not as specified, proceed to the next inspection.

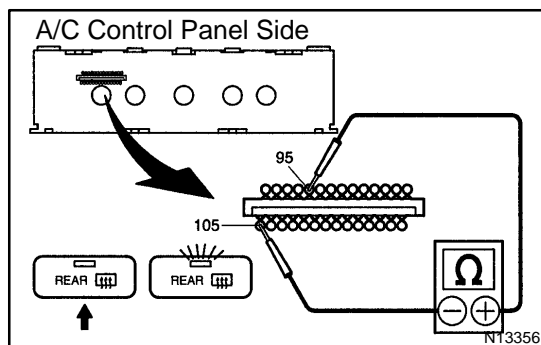


2. A/C control panel:

INSPECT DEFOGGER SWITCH INDICATOR

- Separate control panel and A/C amplifier.
- Connect the positive (+) lead from the battery to terminal 100 and the negative (–) lead to terminal 116.
- Push the switch and check that the indicator light lights up.

If operation is not as specified, replace the bulb.

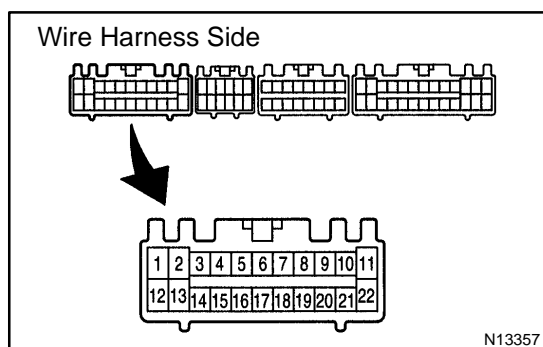


3. INSPECT DEFOGGER SWITCH CONTINUITY

Condition	Tester connection	Specified condition
OFF	–	No continuity
ON	95 – 105	Continuity

If operation is as specified, replace the A/C amplifier.

If continuity is not as specified, replace the control panel.

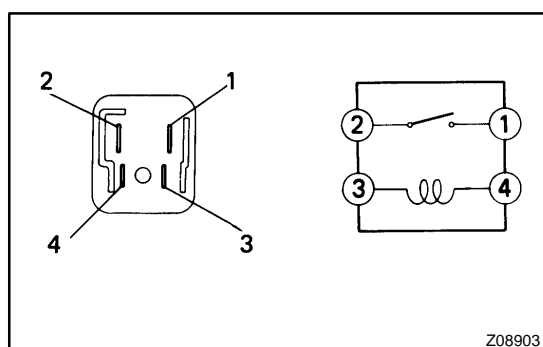


4. INSPECT DEFOGGER SWITCH CIRCUIT

Disconnect the connector from the switch and inspect the connector on wire harness side, as shown.

Tester connection	Condition	Specified condition
11 – Ground	Constant	Continuity
2 – Ground	Ignition switch ON	Battery positive voltage
2 – Ground	Ignition switch ACC or LOCK	No voltage

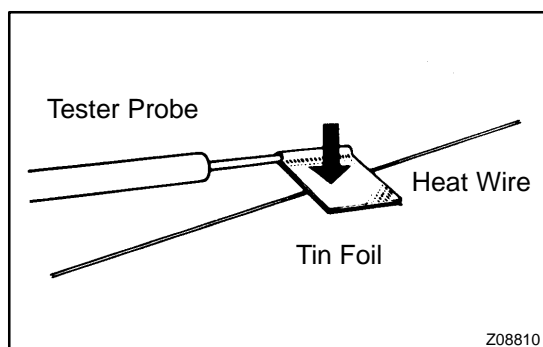
If the circuit is not as specified, inspect the circuits connected to other parts.



5. INSPECT DEFOGGER RELAY CONTINUITY

Condition	Tester connection	Specified condition
Constant	3 – 4	Continuity
Apply B+ between terminals 3 and 4.	1 – 2	Continuity

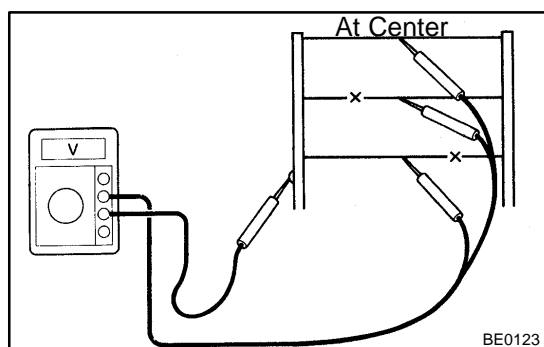
If continuity is not as specified, replace the relay.



6. INSPECT DEFOGGER WIRES

NOTICE:

When cleaning the glass, use a soft, dry cloth, and wipe the glass in the direction of the wire. Take care not to damage wires. Do not use detergents or glass cleaners with abrasive ingredients. When measuring voltage, wind a piece of tin foil around the top of the negative probe and press the foil against the wire with your fingers, as shown.

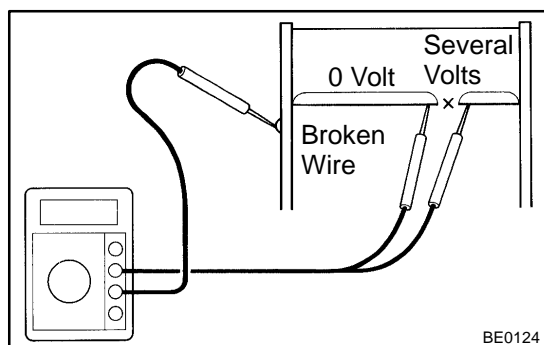


- Turn the ignition switch ON.
- Turn the defogger switch ON.
- Inspect the voltage at the center of each heat wire, as shown.

Voltage	Criteria
Approx. 5V	Okay (No break in wire)
Approx. 10V or 0V	Broken wire

HINT:

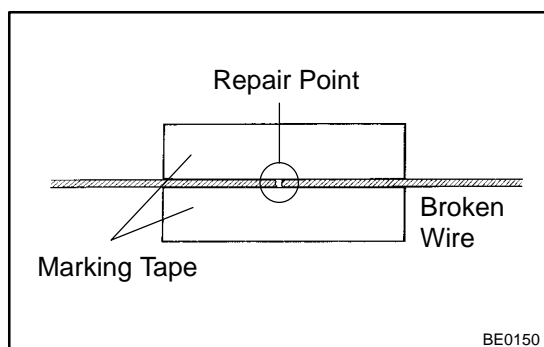
If there is approximately 10 V, the wire is broken between the center of the wire and the positive (+) end. If there is no voltage, the wire is broken between the center of the wire and ground.



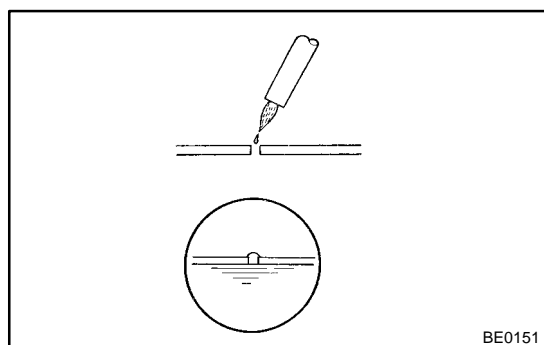
- Place the voltmeter positive (+) lead against the defogger positive (+) terminal.
- Place the voltmeter negative (-) lead with the foil strip against the heat wire at the positive (+) terminal end and slide it toward the negative (-) terminal end.
- The point where the voltmeter deflects from zero to several V is the place where the heat wire is broken.

HINT:

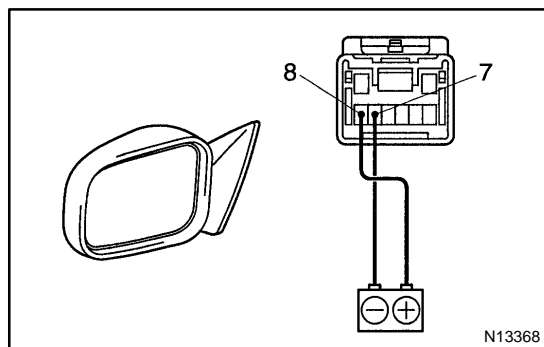
If the heat wire is not broken, the voltmeter indicates 0 V at the positive (+) end of the heat wire but gradually increases to about 12 V as the meter probe is moved to the other end.

**7. IF NECESSARY, REPAIR DEFOGGER WIRE**

- Clean the broken wire tips with a grease, wax and silicone remover.
- Place the masking tape along both sides of the wire to be repaired.
- Thoroughly mix the repair agent (DuPont paste No.4817).



- Using a fine tip brush, apply a small amount to the wire.
- After a few minutes, remove the masking tape.
- Allow the repair to stand at least 24 hours.

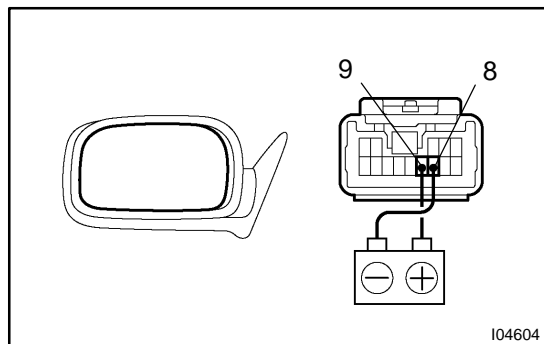


8. INSPECT MIRROR DEFOGGER w/o Memory:

- (a) Connect the positive (+) lead from the battery to terminal 8 and the negative (-) lead to terminal 7.
- (b) Check that the mirror becomes warm.

HINT:

It will take a short time for the mirror to become warm.



9. INSPECT MIRROR DEFOGGER w/ Memory:

- (a) Connect the positive (+) lead from the battery to terminal 9 and the negative (-) lead to terminal 8.
- (b) Check that the mirror becomes warm.

HINT:

It will take a short time for the mirror to become warm.

If mirror does not become warm, replace the mirror assembly.