

INSPECTION

1. INSPECT DEFOGGER SWITCH CONTINUITY

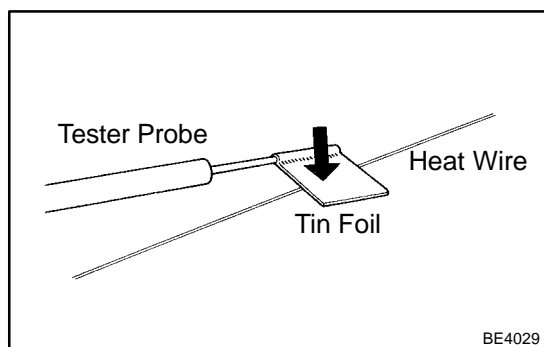
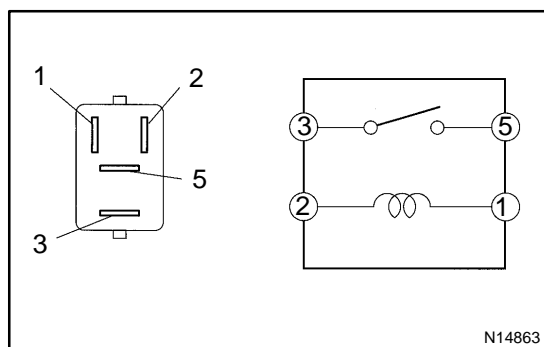
Push the defogger switch and check that continuity exists between terminals 7 and 10.

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

2. INSPECT DEFOGGER RELAY CONTINUITY

Tester connection	Condition	Specified condition
1 - 2	Constant	Continuity
3 - 5	Apply B+ between terminals 1 and 2	Continuity

If the continuity is not as specified, replace the relay.

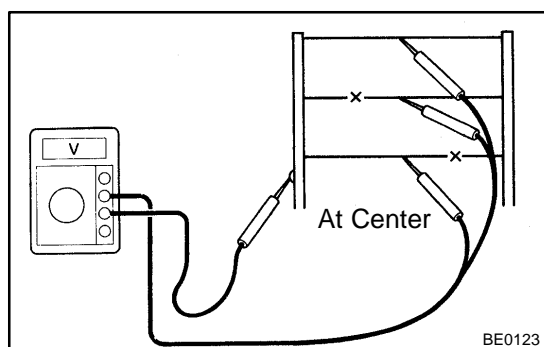


3. INSPECT DEFOGGER WIRE

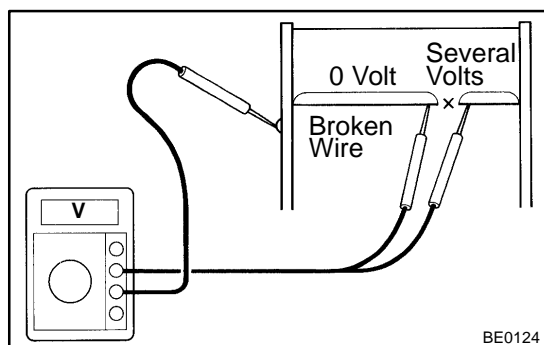
NOTICE:

- When cleaning the glass, use a soft and dry cloth, and wipe the glass in the moving direction of the wire. Take care not to damage the 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 finger, 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. 5 V	OK (No break in wire)
Approx. 10 V or 0 V	Broken wire



HINT:

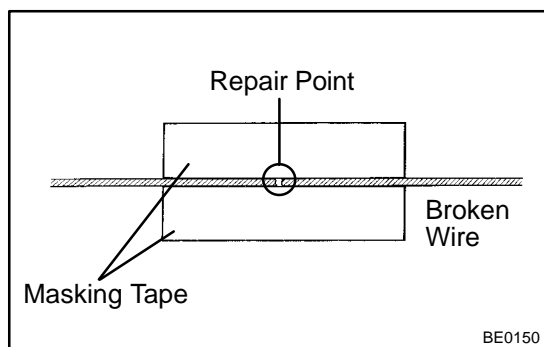
If the voltage is approximately 10 V, the wire is broken between the center of the wire and the positive (+) end. If there is no voltage, the wire is broken between the center of the wire and ground.

- 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.

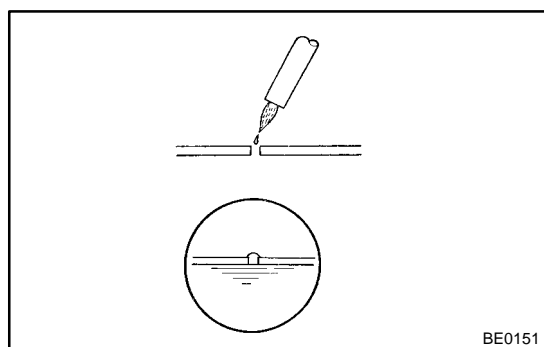
- (f) The point where the voltmeter deflects between zero and several V is the place where the heat wire is broken.

HINT:

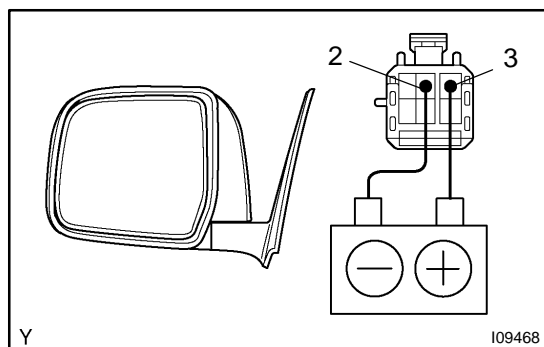
If the heat wire is not broken, the voltmeter indicates 0 V at the positive (+) end of the heat wire but gradually increases to about 12 V as the meter probe is moved to the other end.

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

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



- (d) Thoroughly mix the repair agent (Dupont paste No. 4817 or equivalent).
- (e) Using a fine tip brush, apply a small amount of the agent to the wire.
- (f) After a few minutes, remove the masking tape.
- (g) Do not repair the defogger wire for at least 24 hours.

**5. INSPECT MIRROR DEFOGGER OPERATION**

- (a) Connect the positive (+) lead from the battery to terminal 3 and the negative (-) lead to terminal 2.
- (b) Check that the mirror becomes warm.

HINT:

It takes a little time for the mirror to become warm.