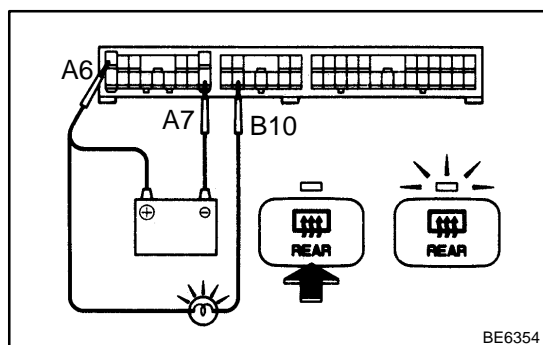


INSPECTION

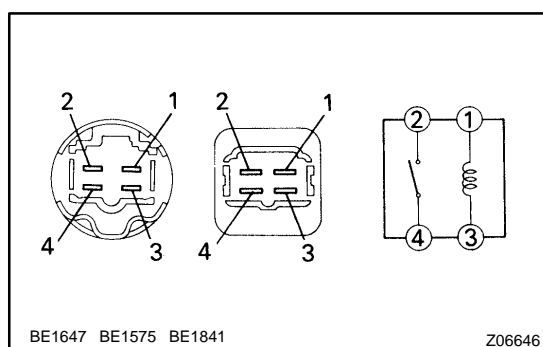
1. INSPECT DEFOGGER SWITCH OPERATION (into Air conditioning control panel)

- Connect the positive (+) lead from the battery to terminal A6 and negative (–) lead to terminal A7.
- Connect the positive (+) lead from the battery to terminal B10 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, replace the air conditioning control panel assembly.

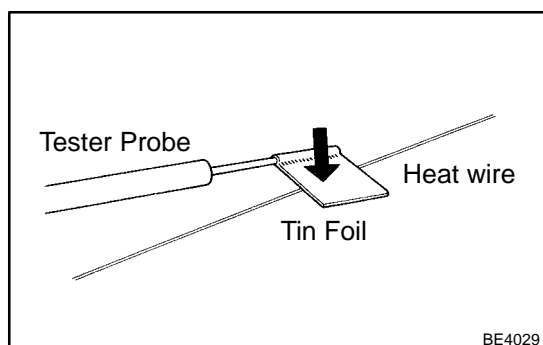


2. INSPECT DEFOGGER RELAY CONTINUITY

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

If continuity is not as specified, replace the relay.

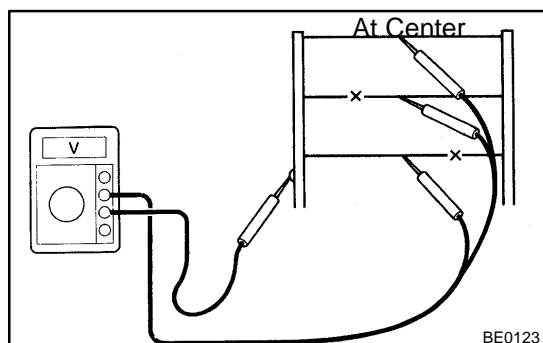
3. INSPECT DEFOGGER RELAY CIRCUIT (See page BE-16)



4. 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.

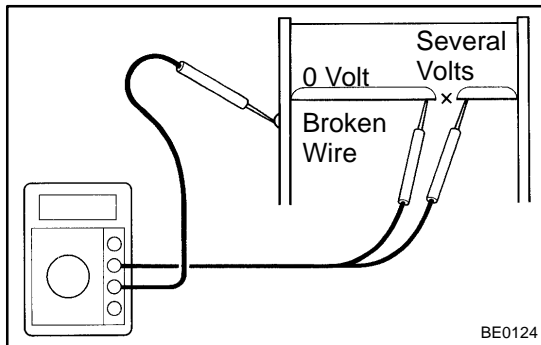


- Turn the ignition switch ON.
- Turn the defogger switch ON.
- Inspect the voltage at the center of each heat wire, as shown.

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

HINT:

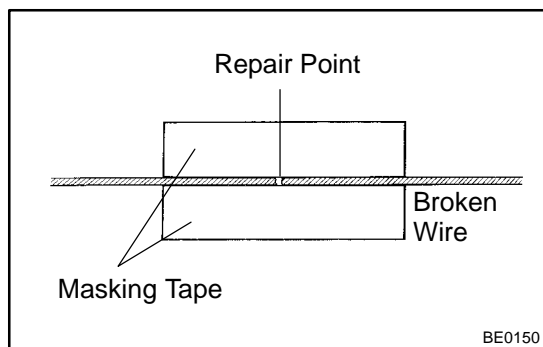
If there is approximately 10 volts, the wire is broken between the center of the wire and the positive (+) end. If there is no voltage, the wire is broken between the center of the wire and ground.



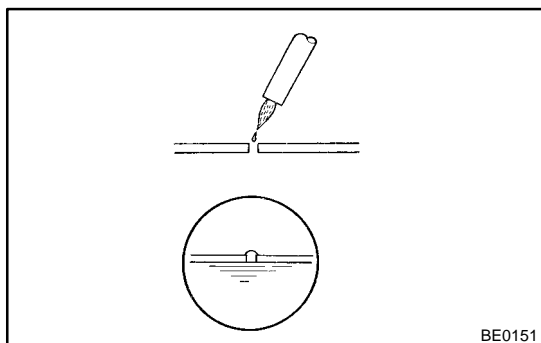
- (d) Place the voltmeter positive (+) lead against the defogger positive (+) terminal.
- (e) Place the voltmeter negative (-) lead with the foil strip against the heat wire at the positive (+) terminal end and slide it toward the negative (-) terminal end.
- (f) The point where the voltmeter deflects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

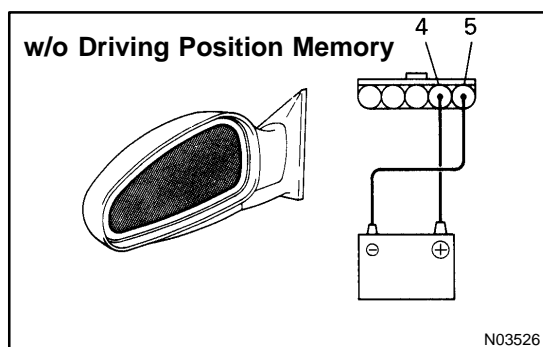
HINT:

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

**5. REPAIR DEFOGGER WIRES**

- (a) Clean the broken wire tips with a 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) Using a fine tip brush, apply a small amount to the wire.
- (e) After a few minutes, remove the masking tape.
- (f) Allow the repair to stand at least 24 hours.





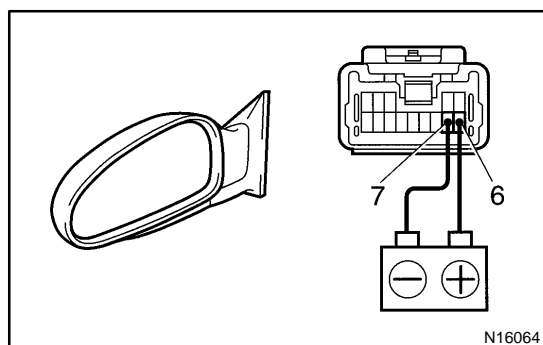
6. w/o Driving Position Memory:

INSPECT MIRROR DEFOGGER OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 4 and the negative (-) lead to terminal 5.
- (b) Check that the mirror becomes warm.

HINT:

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



7. w/ Driving Position Memory:

INSPECT MIRROR DEFOGGER OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 6 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.

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