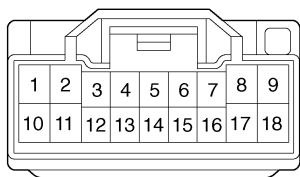


**Wire Harness Side**

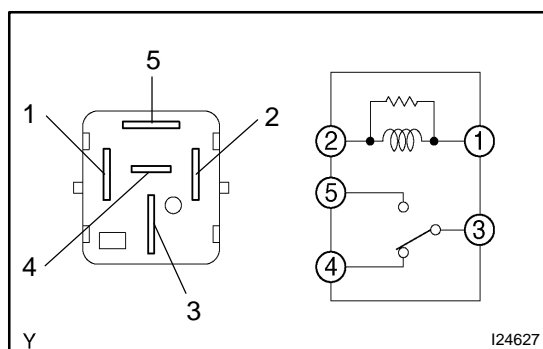
I27503

**INSPECTION****1. INSPECT DEFOGGER SWITCH (in INTEGRATION CONTROL PANEL SWITCH) CIRCUIT**

Disconnect the connector from the panel and inspect the connector on wire harness side, as shown in the chart.

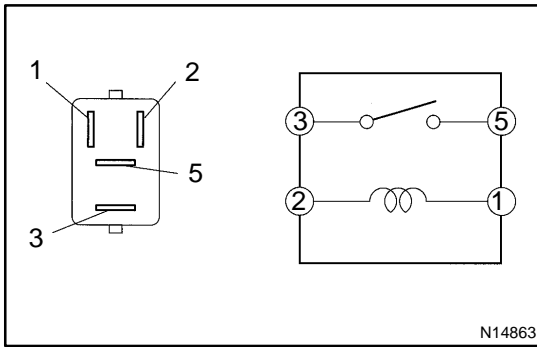
Tester Connection	Condition	Specified Condition
4 – Ground	Ignition switch OFF or ACC	Below 1 V
4 – Ground	Ignition switch ON	10 – 14 V
6 – Ground	Constant	Continuity
10 – Ground	Constant	Continuity
14 – Ground	Ignition switch OFF or ACC	Below 1 V
14 – Ground	Ignition switch ON	10 – 14 V
15 – Ground	Constant	10 – 14 V

If the result is as specified, replace the panel.

**2. INSPECT DEFOGGER RELAY (Making: DEFOG) CONTINUITY**

Tester Connection	Specified Condition
3 – 4	Continuity
3 – 4	No continuity (When battery voltage is applied to terminals 1 and 2)
3 – 5	No continuity
3 – 5	Continuity (When battery voltage is applied to terminals 1 and 2)

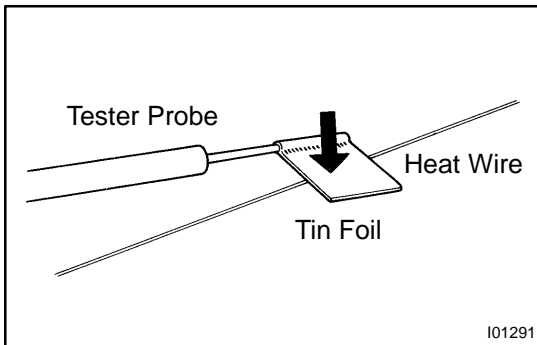
If the continuity is not as specified, replace the relay.



### 3. INSPECT MIRROR HEATER RELAY (Marking: MIR HTR) CONTINUITY

Condition	Specified Condition
3 – 5	No continuity
3 – 5	Continuity (When battery voltage is applied to terminals 1 and 2)

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

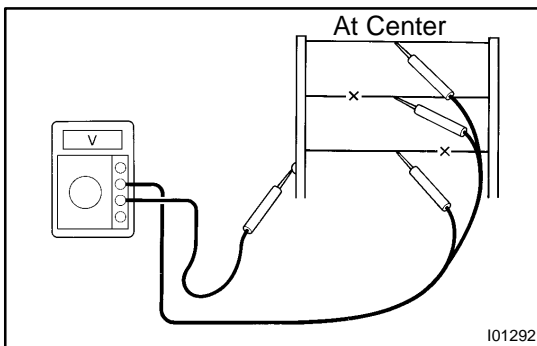


### 4. INSPECT DEFOGGER WIRE

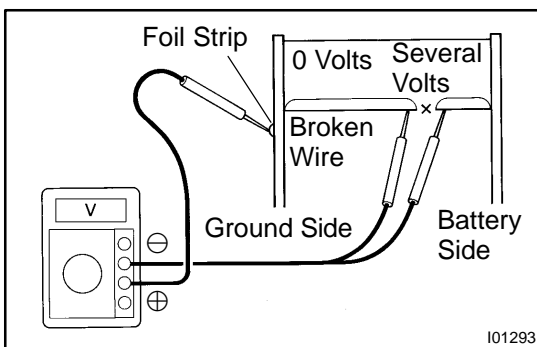
#### NOTICE:

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

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



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



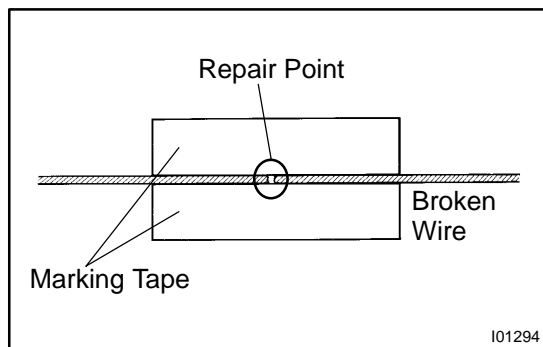
#### HINT:

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 wire on the battery side.
- Place the voltmeter negative (–) lead with the foil strip against the wire on the ground side.
- Slide the positive (+) lead from the battery to the ground side.
- The point where the voltmeter deflects from several V to zero V is the place where the defogger wire is broken.

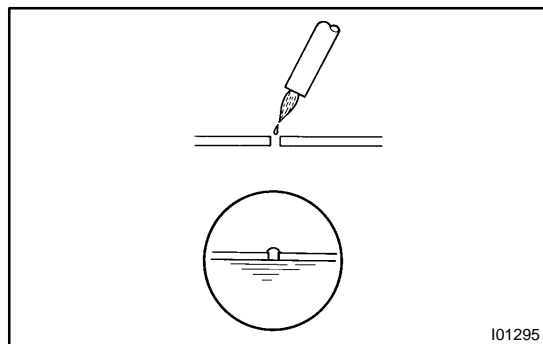
#### HINT:

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 moves to the other end.

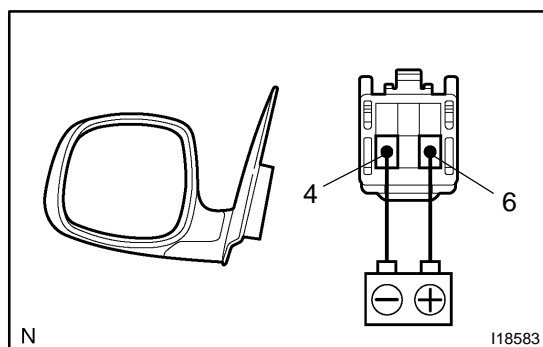


### 5. IF NECESSARY, REPAIR DEFOGGER WIRE

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



- (d) Using a fine tip brush, apply a small amount of the agent to the wire.
- (e) After a few minutes, remove the masking tape.
- (f) Do not repair the defogger wire for at least 24 hours.



### 6. INSPECT MIRROR HEATER OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 6 and the negative (-) lead to terminal 4.
- (b) Check that the mirror becomes warm.

#### HINT:

It will take a short time for the mirror to become warm.  
If operation is not as specified, replace the mirror.