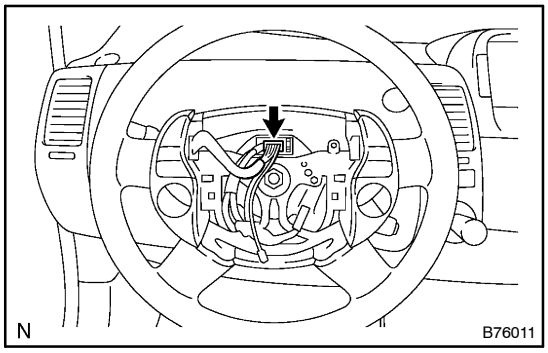
70128–01

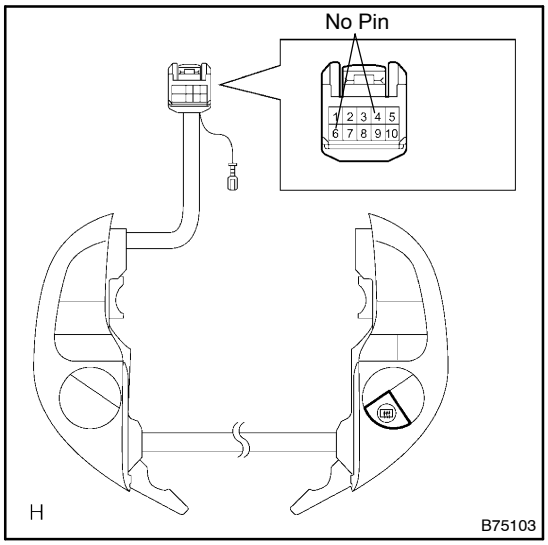
INSPECTION



1. INSPECT STEERING WHELL PAD SWITCH

(a) Remove the steering wheel pad (see page 60–20).

(b) Disconnect the connector, as shown in the illustration.

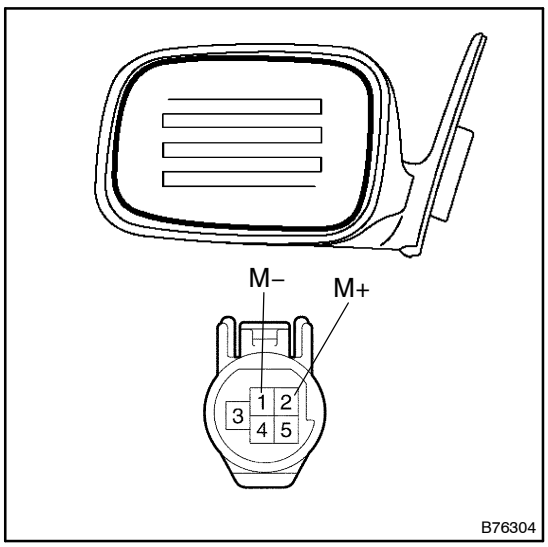


(c) Measure the switch resistance.

Standard:

Tester Connection	Switch Condition	Specified Condition
3 – 7	OFF	29 – 31 kΩ
3 – 7	ON	290 – 305 Ω

If the result is not as specified, replace the switch assy.



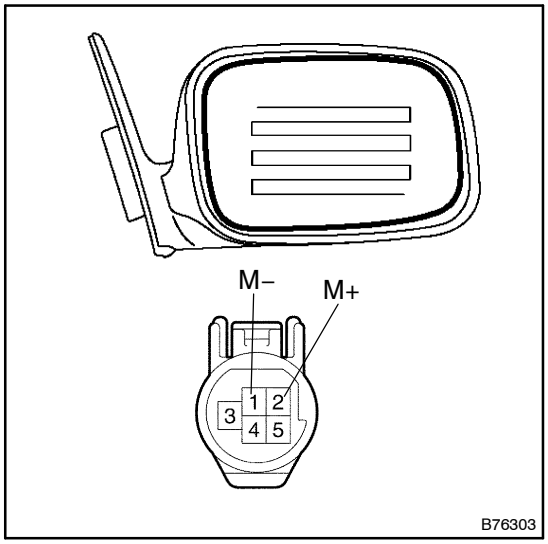
2. INSPECT OUTER REAR VIEW MIRROR ASSY LH

(a) Apply battery voltage and check operation of the mirror heater.

OK:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 2 (M+) Battery negative (–) → Terminal 1 (M–)	Mirror becomes warm

If the result is not as specified, replace the mirror assy.



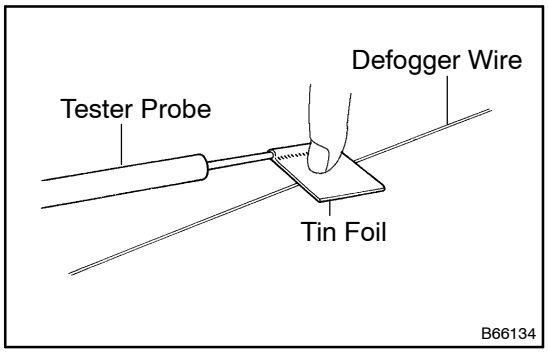
3. INSPECT OUTER REAR VIEW MIRROR ASSY RH

(a) Apply battery voltage and check operation of the mirror heater.

OK:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 2 (M+) Battery negative (–) → Terminal 1 (M–)	Mirror becomes warm

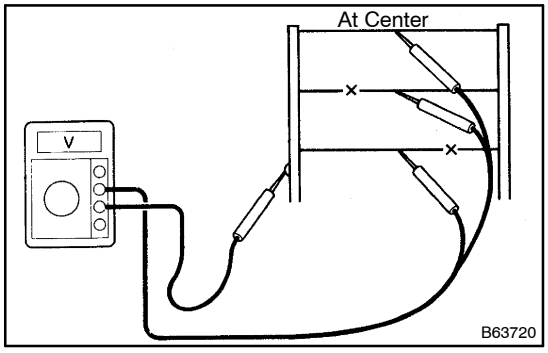
If the result is not as specified, replace the mirror assy.



4. INSPECT BACK WINDOW (DEFOGGER WIRE)

NOTICE:

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



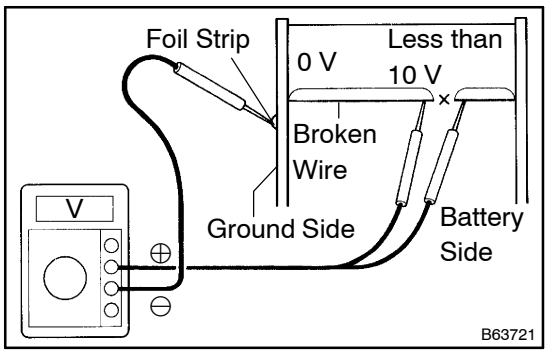
(a) Change the power switch ON (ACC) by pushing the power switch.

(b) Push the defogger switch ON.

(c) Check the voltage at the center of each defogger wire, as shown in the illustration.

Standard:

Voltage	Criteria
Approx. 5 V	Wire is not broken
Approx. 10 or 0 V	Wire is broken



HINT:

If there is approximately 10 V, the wire may be faulty between the center of the wire and the wire end on the battery side. If there is no voltage, the wire may be faulty between the center of the wire and the wire end on the ground side.

(d) Place the voltmeter's positive (+) lead against the defogger wire on the battery side.

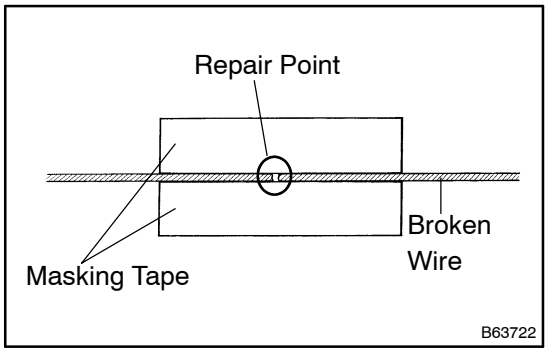
(e) Place the voltmeter's negative (–) lead with the foil strip against the wire on the ground side.

(f) Slide the positive (+) lead from the battery side to the ground side.

(g) The point where the voltage jumps from approximately 10 V to 0 V is where the defogger wire is broken.

HINT:

If the defogger wire is not broken, the voltmeter should indicate 0 V at the positive (+) end of the defogger wire and gradually increases to approximately 12 V as the meter probe moves to the other end.

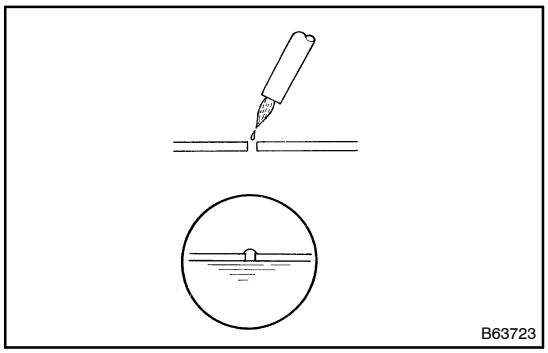


(h) If necessary, repair the defogger wire.

(1) Clean the broken wire tips with grease, wax and silicone remover.

(2) Place the masking tape along both sides of the wire.

(3) Thoroughly mix the repair agent (Dupont paste No. 4817).

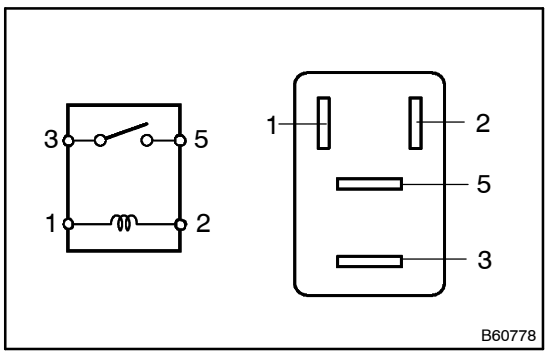


(4) Using a fine tip brush, apply a small amount of the agent to the wire.

(5) After a few minutes, remove the masking tape.

NOTICE:

Do not repair the defogger wire again for at least 24 hours.



5. INSPECT MIRROR HEATER RELAY

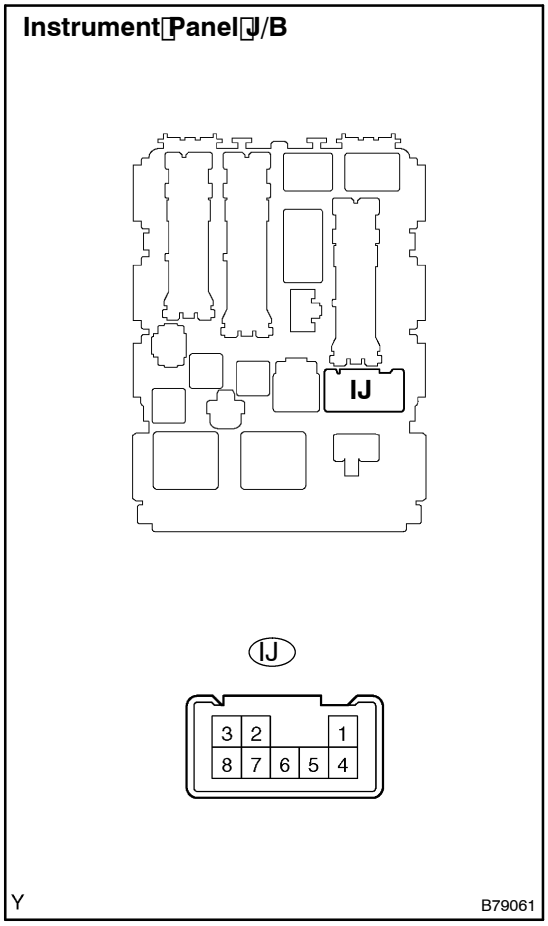
(a) Remove the mirror heater relay.

(b) Measure the resistance.

Standard:

Tester Connection	Specified Condition
3 – 5	10 kΩ or higher
3 – 5	Below 1 Ω (when battery voltage is applied to terminals 1 and 2)

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



6. INSPECT DEF RELAY

(a) Remove the instrument panel sub–assy lower (see page 71–7).

(b) Measure the voltage.

Standard:

Terminal Connection	Power Switch Condition	Specified Condition
IJ–2 – Body ground	OFF to ON (ACC)	0 to 12–14 V

If the result is not as specified, replace the instrument panel J/B assy.