

PROBLEM SYMPTOMS TABLE

WINDOW DEFOGGER SYSTEM

Symptom	Suspected area	See page
Rear window defogger does not does not operate (Indicator light ON)	1. DEFOG fuse	-
	2. DEF relay	WS-54
	3. Rear window defogger wire	WS-51
	4. Wire harness	-
	5. Instrument panel junction block assembly	-
Rear window defogger does not operate (Indicator light OFF)	1. DEFOG fuse	-
	2. DEF relay	WS-54
	3. Air conditioning control assembly	WS-53
	4. Rear window defogger	WS-51
	5. Wire harness	-
	6. Instrument panel junction block assembly	-

WS

ON-VEHICLE INSPECTION

1. CHECK REAR WINDOW DEFOGGER SYSTEM

- (a) When the engine switch is turned on (IG) and the defogger switch is pressed, check that the rear window defogger operates.

HINT:

After 15 minutes, check that the defogger automatically turns OFF.

2. 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) Turn the engine switch on (IG).
(b) Turn the defogger switch ON.

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

Standard voltage

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 and 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.

