

Troubleshooting

Radiator Fan Control Unit Input Test

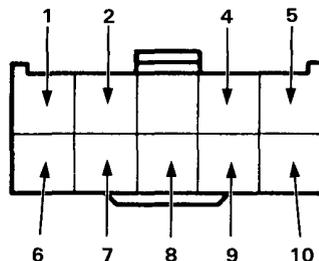
NOTE: Before performing input test, do the following:

1. Check fuse No. 24 (30A), 26 (40A), 35 (15A), 39 (20A) and No. 40 (20A) in the Under Hood Relay Box and fuse No. 11 (7.5A) and 9 (10A) in the Under Dash Fuse Box.
2. Disconnect 10P connector from Radiator Fan Control Unit and turn ignition switch ON.

NOTE:

- Any abnormality found during input test must be corrected before continuing.
- If all tests produce desired result substitute a known good radiator fan control unit.

Wire	Position	Test Condition	Desired Results	Corrective Action
BLK	9	Check for continuity to body ground	Should have continuity to body ground	Repair open in BLK wire between rad fan control and body ground
YEL/BLK	4	Check for battery voltage	Should have battery voltage	Check for open in YEL/BLK wire between rad fan control and No. 9 fuse.
BLU	8	Using a jumper lead connect to body ground	Both fans should run full speed	See flow chart "cooling fan A" on page 15-68.
BLU/BLK	2	Using a jumper lead connect to body ground	A/C compressor clutch should engage	See flow chart "compressor clutch" on page 15-54.
BLU/YEL	5	Using a jumper lead connect to body ground	Radiator fan should run at low speed	See flow chart "cooling fan B" on page 15-69.
		Using a jumper lead connect to YEL/BLK wire	Condensor fan should run at low speed	See flow chart "cooling fan C" on page 15-71.
LT BLU	7	Check for continuity to body ground	Should have continuity to body ground with A/C switch and fan switches ON	See flow chart "A/C system" on page 15-52.
RED/BLU	10	Check for continuity to body ground	Should have continuity to body ground	Test for open in RED/BLU wire between rad fan control and triple pressure switch abnormal A/C pressure or faulty triple pressure switch
BLU/WHT and BLU/GRN	1	Using an ohmmeter on the 20 k scale check for continuity between the BLU/WHT and BLU/GRN wires	Depending on coolant temperature it should be between 0.5 k Ω to 1.2 k Ω	See flow chart "cooling fan D" on page 15-72.
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View from wire side