

Radiator and Condenser Fan Controls

Troubleshooting

NOTE: The numbers in the table show the troubleshooting sequence.

Symptom		Item to be inspected	Blown No. 47 (20 A) or No. 50 (20 A) fuse (In the under-hood fuse/relay box)	Blown No. 3 (15 A) fuse (In the under-dash fuse/relay box)	Blown No. 15 (7.5 A) fuse (In the under-dash fuse/relay box)	Blown No. 20 (7.5 A) fuse (In the under-dash fuse/relay box)	Relay	Engine coolant temperature (ECT) sensor	Radiator fan or condenser fan motor	Faulty fan control unit	Faulty radiator fan control module	* A/C system and ECM (M/T) or PCM (A/T)	Faulty A/C pressure switch or engine oil temperature sensor	Poor ground	Open circuit in wires or disconnected terminals
Only one fan runs (with engine and A/C ON).			1				2	3	4						WHT ¹ , WHT ² , PNK, WHT/GRN, WHT/BLU, GRN or BLU/RED ²
Fans do not run.	Under all conditions		1					2	4	3				G152, G301 G302, G303	YEL/BLK, BLU/WHT or BLU/GRN
	At low speed			1	2	3	4		5					G152, G301 G302, G303	BLK/RED, YEL/BLU, GRN, BLU/RED ² , BLU/WHT, BLU/GRN, YEL/BLK or BLU
	At high speed		1				2	3		4				G152, G301 G302, G303	YEL/BLK, BLU, WHT/GRN, WHT/BLU, BLU/WHT or BLU/GRN
Compressor clutch does not engage.										3		1	2	G301, G302 G303	BLU/BLK, RED/BLU or LT BLU
Radiator fan control module fails to function properly.				1	2						4		3	G101, G301 G302, G303	ORN, YEL/BLU, BLU/RED ² or GRN

* : Refer to [section 21](#) and [22](#) for pressure check of the A/C system.