



14.11 SYSTEM SELF-TEST

14.11.1 Interrogation Procedure via the Control Panel

Action	Result
Simultaneously hold AUTO and RECIRC - Switch ignition to ON	Display element check
Press AUTO	Any stored fault NUMERIC code (If ZERO appears there are no stored codes)
Press FACE	Scroll through stored faults (maximum of 5)
Simultaneously press FACE and HRW	Clear stored fault codes (may need to be repeated for each fault)
Press RECIRC (Press FAN to skip actuator check)	Initiate actuator check (Actuator codes 20 through 27*)
Press FAN	Exit error check mode

Note: * Actuator codes are NOT equivalent to fault codes.

14.11.2 Control Panel Fault Code Key

Fault Code	Item	Description
0	Normal Operation	No fault codes present, wait 30 seconds for system self-check.
11	Motorized In-car Aspirator	Open / short in sensor circuit. Panel fault codes are not stored for motorized in-car aspirator motor failure.
12	Ambient Temperature Sensor	Open / short circuits.
13	Evaporator Temperature Sensor	Open / short circuits.
14	Water Temperature Input	Instrument pack output.
15	Heater Matrix Temperature Sensor	Open / short circuits.
21	Solar Sensor	Open / short circuits.
22	Compressor Lock Signal - 12 cylinder and supercharged 6 cylinder engines only.	Open / short circuits. Low gas charge, low compressor oil, loose belt.
23	Refrigerant Pressure Switch	Open / short circuits. Low gas charge*
24	Face Vent Demand Potentiometer.	Open / short circuits
31	LH Fresh / Recirc. Potentiometer	Open / short circuit in potentiometer. feed. Note: In certain circumstances, the motor can over-travel and log further faults. Cycling the ignition two or three times after rectification of the fault will cure this.
32	RH Fresh / Recirc. Potentiometer	
33	Cool Air by-pass Potentiometer	
34	Defrost Vent Potentiometer	
35	Centre Vent Potentiometer	
36	Foot Vent Potentiometer	
41	LH Fresh / Recirc. Motor	Check for short / open circuits in motor drive lines. Motor flap sticking / jammed.
42	RH Fresh / Recirc. Motor	
43	Cool Air by-pass Motor	
44	Defrost Vent Motor	
45	Centre Vent Motor	
46	Foot Vent Motor	

Note: In ambient temperatures below 0° C, the system may log fault code 23 because the low ambient causes a temporary low gas pressure. Where the ambient temperature rise above 40° C, and if the engine is close to overheating, feed to the compressor clutch may be cut and code 23 registered.*