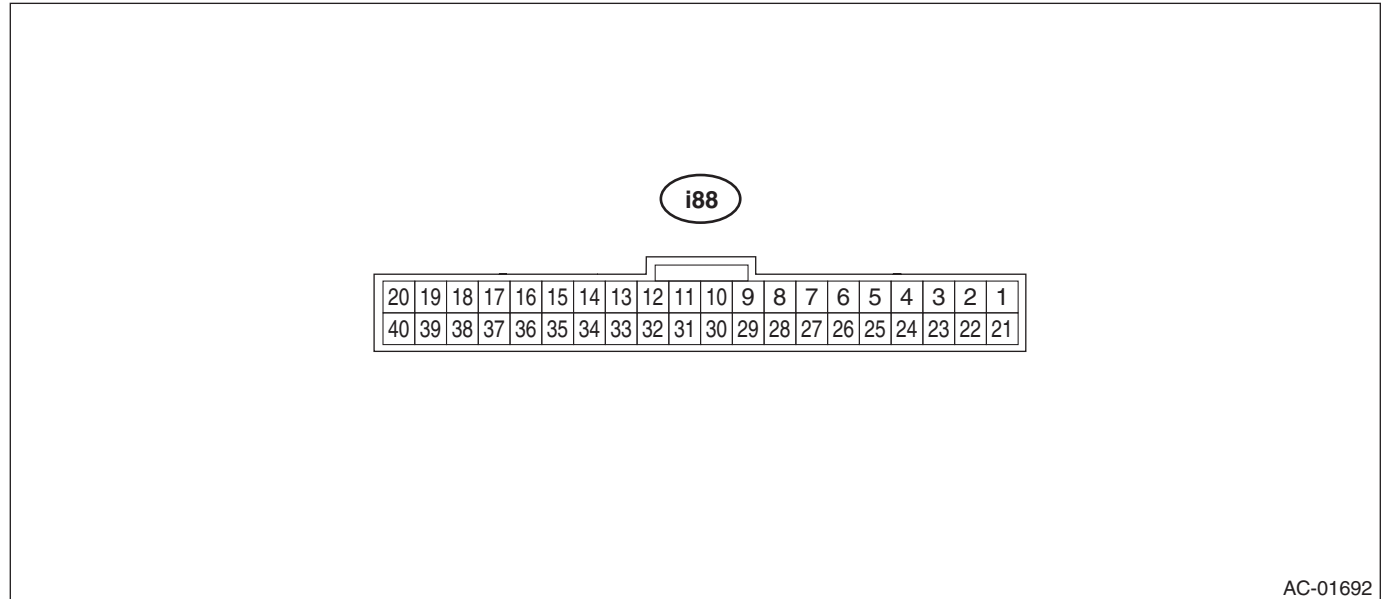


Auto A/C Control Module I/O Signal

HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS)

4. Auto A/C Control Module I/O Signal

A: ELECTRICAL SPECIFICATION



AC-01692

Terminal No.	Contents	Measuring condition	Standard
1	Mode actuator #4	Actuator active	8 V or more
2	Mode actuator #3	Actuator active	8 V or more
3	Mode actuator #2	Actuator active	8 V or more
4	Mode actuator #1	Actuator active	8 V or more
6	Intake door actuator (external air)	External air condition	1 V or less
7	Intake door actuator (MIX)	MIX condition	1 V or less
8	Intake door actuator (internal air)	Internal air condition	1 V or less
9	Blower fan ON signal	When blower fan is turned to ON.	1 V or less
10	Rr defogger operation signal input	When Rr defogger is active	10 V or more
11	A/C cut signal	When A/C is cut	1 V or less
14	Sensor GND	Always	1 V or less
15	ACC power supply	ACC ON	Battery voltage
16	Sunload sensor	When exposed to sunlight	1 — 4 V
17	RECIRC sensor	Ignition switch ON	25°C: 2.5 V
18	After evaporator sensor	Changes according to the temperature after passing through the evaporator	1 — 4.5 V
19	CAN Lo	Unable to measure the voltage for digital signal.	—
20	CAN Hi	Unable to measure the voltage for digital signal.	—
25	Air mix actuator #4	Air mix actuator active	8 V or more
26	Air mix actuator #3	Air mix actuator active	8 V or more
27	Air mix actuator #2	Air mix actuator active	8 V or more
28	Air mix actuator #1	Air mix actuator active	8 V or more
31	BATT	Always	Battery voltage
32	IGN	Ignition ON	Battery voltage
34	GND	Always	1 V or less
36	A/C ON signal	When A/C is active	8 V or more
35	ILL-	Illumination ON (measure between 37 — 35)	Battery voltage
37	ILL+		
39	Rr defogger switch output	When rear defogger relay is ON	Battery voltage
40	Fan control signal	Ignition switch ON, Blower switch ON	8 V or more

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Auto A/C Control Module I/O Signal

HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS)

B: WIRING DIAGRAM

1. AIR CONDITIONER AUTO A/C MODEL

<Ref. to WI-81, WIRING DIAGRAM, Air Conditioning System.>