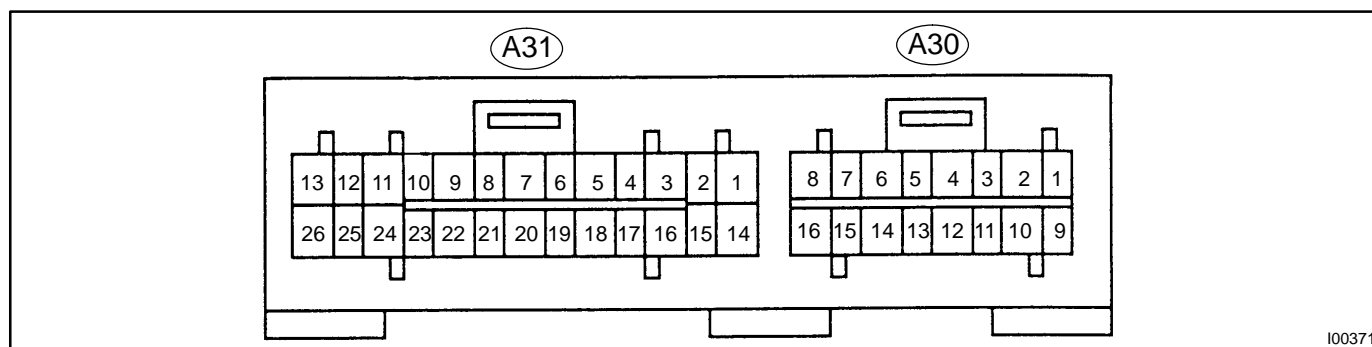


# TERMINALS OF ECU



I00371

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
TAM (A30 - 3) - SG (A31 - 1)	B-L - GR	IG ON. Ambient temp.: 25 °C (77 °F)	1.35 - 1.75 V
		IG ON. Ambient temp.: 40 °C (104 °F)	0.85 - 1.25 V
TR (A30 - 4) - SG (A31 - 1)	B-Y - GR	IG ON. Room temp.: 25 °C (77 °F)	1.8 - 2.2 V
		IG ON. Room temp.: 40 °C (104 °F)	1.2 - 1.6 V
TS (A30 - 5) - SG (A31 - 1)	P - GR	IG ON. Sensor subjected to electrical light.	1.0 V or more
		IG ON. Sensor covered by cloth	Below 1.0 V
TE (A30 - 6) - SG (A31 - 1)	W-R - GR	IG ON. Evaporator temp.: 0 °C (32 °F)	2.0 - 2.4 V
		IG ON. Evaporator temp.: 15 °C (59 °F)	1.4 - 1.8 V
TPI (A30 - 7) - SG (A31 - 1)	V - GR	IG ON. Push REC switch	3.5 - 4.5 V
		IG ON. Push FRS switch	0.5 - 1.8 V
TP (A30 - 8) - SG (A31 - 1)	B - GR	Set temp.: Max. Cool	3.5 - 4.5 V
		Set temp.: Max. Hot	0.5 - 1.8 V
PSW(A30-9) - GND (A31-14)	O - W-B	IG ON.	Below 1.0 V
		IG ON. Disconnect the pressure switch connector.	10 - 14 V
ACT (A30-10) - GND (A31-14)	L-B - W-B	Start the Engine (Idling). Operate the compressor	10 - 14 V
		Start the Engine (Idling). Do not operate compressor	Below 1.5 V
VER1 (A30-11) - GND (A31-14)	W-B - W-B	IG ON.	Below 1.0 V
AC1 (A30-13) - GND (A31-14)	L-Y - W-B	Start the engine, AUTO switch ON and magnetic clutch ON.	Below 1.0 V
		Start the engine, AUTO switch ON and magnetic clutch OFF.	10 - 14 V
BLW (A30-16) - GND (A31-14)	R-W - W-B	IG ON. Operate the blower motor	Below 1.5 V
SG (A31-1) - Body Ground	GR - Body Ground	Always	1 Ω or less
FACE (A31-4) - GND (A31-14)	G-B - W-B	IG ON. Air Flow: FACE	Below 1.0 V
AIF (A31-6) - AIR - (A31-7)	Y-G - R-G	IG ON.	No voltage
AMC (A31-8) - AMH (A31-9)	W - R	IG ON.	13 - 19 Ω
HR (A31-10) - GND (A31-14)	Y-R - W-B	IG ON. Operate the blower motor	Below 1.0 V
		IG ON. Do not operate the blower motor	10 - 14 V
S5 (A31-11) - SG (A31-1)	Y - GR	IG ON.	4 - 6 V
S5 (A31-11) - TS (A30-5)	Y - P	IG ON. Solar sensor subjected to electrical light.	Below 4.0 V
		IG ON. Solar sensor covered by a cloth.	4.0 - 4.5 V
B (A31-13) - GND (A31-14)	L-R - W-B	IG OFF.	10 - 14 V
GND (A31-14) - Body Ground	W-B - Body Ground	Always	1 Ω or less
SPD (A31-15) - GND (A31-14)	G-O - W-B	Turn propeller shaft slowly	Pulse

## DIAGNOSTICS - AIR CONDITIONING SYSTEM

B/L (A31-17) - GND (A31-14)	G-W - W-B	IG ON. Air Flow: BI-LEVEL.	Below 1.0 V
FOOT (A31-18) - GND (A31-14)	R-L - W-B	IG ON. Air Flow: FOOT.	Below 1.0 V
F/D (A31-19) - GND (A31-14)	P-B - W-B	IG ON. Air Flow: FOOT/DEF	Below 1.0 V
DEF (A31-20) - GND (A31-14)	Y-B - W-B	IG ON. Air Flow: DEF	Below 1.0 V
FR (A31-23) - GND (A31-14)	R-Y - W-B	IG ON. Operate blower motor	Below 1.0 V
		IG ON. Do not operate blower motor	10 - 14 V
IG+ (A31-26) - GND (A31-14)	B-Y - W-B	IG ON.	10 - 14 V