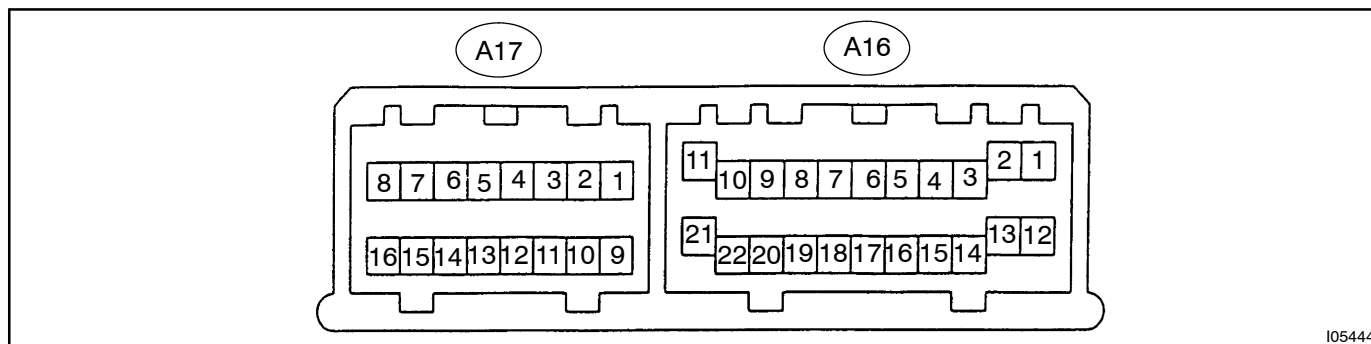


## TERMINALS OF ECU



I05444

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
+B ↔ GND (A16-1 ↔ A16-22)	W-R ↔ W-B	Always	10 – 14 V
ACC ↔ GND (A16-2 ↔ A16-22)	GR ↔ W-B	Turn ignition switch ACC	10 – 14 V
DGS ↔ GND (A16-3 ↔ A16-22)	L-W ↔ W-B	After 3 min. from IG ON. 10 °C ~ 35 °C	1.0 – 4.5 V
		After 3 min. from IG ON and the sensor is exposed to the exhaust gas.	below 1.0 – 4.5 V
BLW ↔ GND (A16-4 ↔ A16-22)	R-L ↔ W-B	IG ON. Turn the blower motor	1 – 3 V
TPI ↔ SG-4 (A16-6 ↔ A16-18)	R-W ↔ B-O	IG ON. Push REC switch	3.5 – 4.5 V
		IG ON. Push FRS switch	0.5 – 1.5 V
S5-4 ↔ SG-4 (A16-7 ↔ A16-18)	B-W ↔ B-O	IG ON.	4.5 – 5.5 V
AIF ↔ GND (A16-10 ↔ A16-22)	W-L ↔ W-B	IG ON. Push FRS switch	Below 1 V
		IG ON. Push REC switch	10 – 14 V
ILL+ ↔ GND (A16-13 ↔ A16-22)	LG ↔ W-B	Turn the light control switch to TAIL position	10 – 14 V
TR ↔ SG-3 (A16-14 ↔ A16-19)	R ↔ B-Y	IG ON. Cabin temp. : 25 °C (77 °F)	1.8 – 2.2 V
		IG ON. Cabin temp. : 40 °C (104 °F)	1.2 – 1.6 V
AIR ↔ GND (A16-21 ↔ A16-22)	R-B ↔ W-B	IG ON. Push FRS switch	10 – 14 V
		IG ON. Push REC switch	Below 1 V
GND ↔ Body Ground (A16-22 ↔ Body Ground)	W-B ↔ Body Ground	Always	Below 1 Ω
TSPa ↔ S5-2 (A17-1 ↔ A17-4)	W-R ↔ B-R	IG ON. Sensor subjected to electric light	0.8 – 4.3 V
		IG ON. Sensor covered by a cloth	Below 0.8 V
TE ↔ SG-5 (A17-2 ↔ A17-13)	R-G ↔ B-Y	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
TPO ↔ SG-5 (A17-3 ↔ A17-13)	G-O ↔ B-Y	IG ON. Air outlet : FACE	3.5 – 4.5 V <sup>D129L-02</sup>
		IG ON. Push Front DEF SW	0.5 – 1.5 V
AOF ↔ GND (A17-6 ↔ A16-22)	G ↔ W-B	IG ON. Air outlet : FACE	10 – 14 V
		IG ON. Air outlet : FDEF	Below 1 V
AMHDr ↔ GND (A17-7 ↔ A16-22)	B-W ↔ W-B	IG ON. Set temp. : Max Hot	10 – 14 V
		IG ON. Set temp. : Max Cool	Below 1 V
AMHPa ↔ GND (A17-8 ↔ A16-22)	G-B ↔ W-B	IG ON. Set temp. : Max Hot	10 – 14 V
		IG ON. Set temp. : Max Cool	Below 1 V

## DIAGNOSTICS – AIR CONDITIONING SYSTEM

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
TSDr ↔ S5-2 (A17-9 ↔ A17-4)	W-G ↔ B-R	IG ON. Sensor subjected to electric light	0.8 – 4.3 V
		IG ON. Sensor covered by a cloth	Below 0.8 V
TPDr ↔ SG-5 (A17-10 ↔ A17-13)	W ↔ B-Y	IG ON. Set temp. : Max Cool	3.5 – 4.5 V
		IG ON. Set temp. : Max Hot	0.5 – 1.5 V
TPPa ↔ SG-5 (A17-11 ↔ A17-13)	G-R ↔ B-Y	IG ON. Set temp. : Max Cool	3.5 – 4.5 V
		IG ON. Set temp. : Max Hot	0.5 – 1.5 V
AOD ↔ GND (A17-14 ↔ A16-22)	G-Y ↔ W-B	IG ON. Air outlet : FACE	Below 1 V
		IG ON. Air outlet : FDEF	10 – 14 V
AMCDr ↔ GND (A17-15 ↔ A16-22)	B-O ↔ W-B	IG ON. Set temp. : Max Cool	10 – 14 V
		IG ON. Set temp. : Max Hot	Below 1 V
AMCPa ↔ GND (A17-16 ↔ A16-22)	G-W ↔ W-B	IG ON. Set temp. : Max Cool	10 – 14 V
		IG ON. Set temp. : Max Hot	Below 1 V