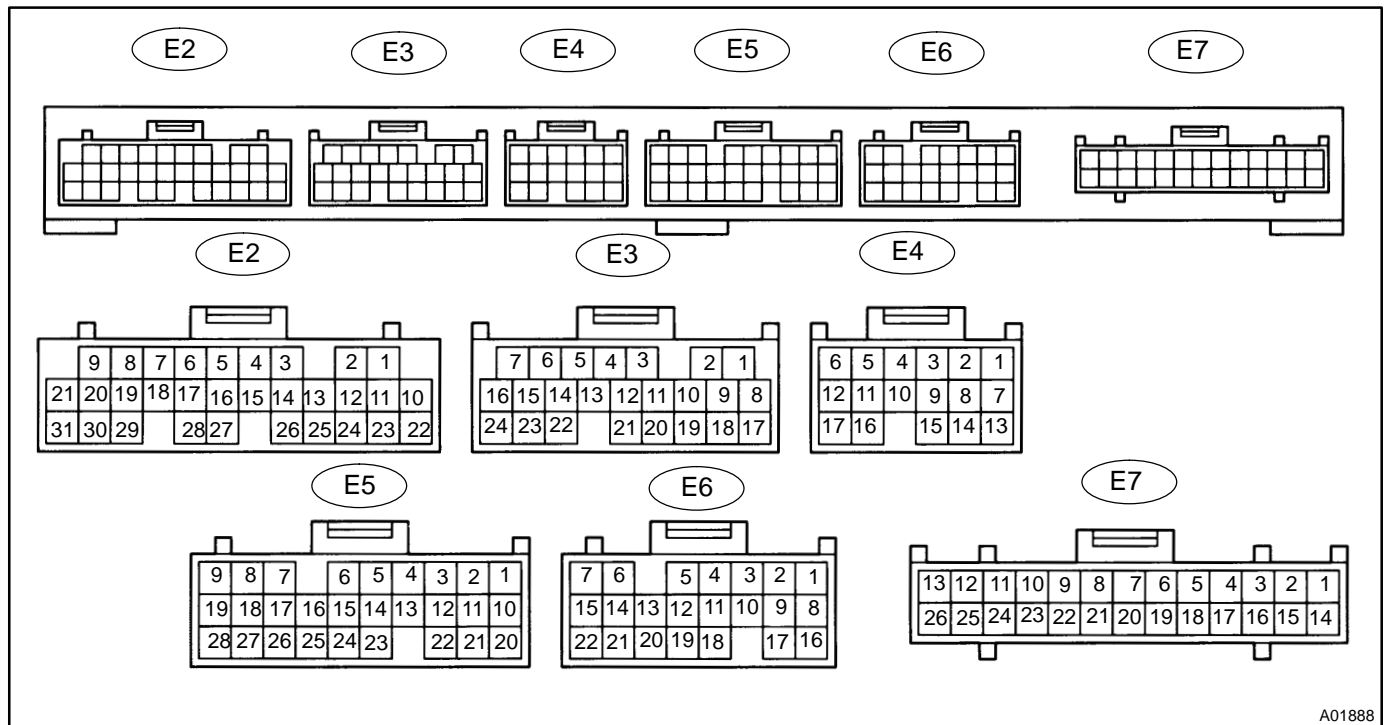


TERMINALS OF ECM



A01888

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
S1 ↔ E1 (E4-1 ↔ E3-17)	L ↔ BR	IG ON	Below 1.5
		3rd, 4th or 5th gear	Below 1.5
		1st or 2nd gear	9 – 14
S2 ↔ E1 (E4-2 ↔ E3-17)	G-Y ↔ BR	IG ON	Below 1.5
		1st, 4th or 5th gear	Below 1.5
		2nd or 3rd gear	9 – 14
S3 ↔ E1 (E4-3 ↔ E3-17)	Y-G ↔ BR	IG ON	Below 1.5
		1st, 2nd, 3rd or 5th gear	Below 1.5
		4th gear	9 – 14
S4 ↔ E1 (E4-6 ↔ E3-17)	Y ↔ BR	IG ON	Below 1.5
		1st, 2nd, 3rd or 4th gear	Below 1.5
		5th gear	9 – 14
SLU ⁺ ↔ SLU ⁻ (E4-7 ↔ E4-13)	G-W ↔ L-R	IG ON	Below 3
		Engine is idling	Pulse signal is output below 1.5 ↔ 9 – 14
SLN ⁺ ↔ SLN ⁻ (E4-8 ↔ E4-14)	P ↔ L-B	IG ON	Below 3
		Engine is idling	Pulse signal is output below 1.5 ↔ 9 – 14
SLT ⁺ ↔ SLT ⁻ (E4-9 ↔ E4-15)	G-B ↔ R-B	IG ON	Below 3
		Engine is idling	Pulse signal is output below 1.5 ↔ 9 – 14
SP2 ⁺ ↔ SP2 ⁻ (E4-5 ↔ E4-11)	L-Y ↔ R-L	Engine is idling	Pulse signal is output below 1.5 ↔ 4 – 6
NCO ⁺ ↔ NCO ⁻ (E4-4 ↔ E4-10)	R ↔ G	Engine is idling	Pulse signal is output below 1.5 ↔ 4 – 6

DIAGNOSTICS – AUTOMATIC TRANSMISSION (2JZ-GE)

OIL ↔ E2 (E4-17 ↔ E3-18)	G-R ↔ BR	IG ON and ATF temperature 110 °C (176 °F)	Below 1
P ↔ E1 (E5-26 ↔ E3-17)	R-W ↔ BR	IG ON and shift lever P position	7.5 – 14
		IG ON and shift lever other than P position	Below 1.5
R ↔ E1 (E5-16 ↔ E3-17)	R-B ↔ BR	IG ON and shift lever R position	7.5 – 14
		IG ON and shift lever other than R position	Below 1.5
N ↔ E1 (E3-13 ↔ E3-17)	G-R ↔ BR	IG ON and shift lever N position	7.5 – 14
		IG ON and shift lever other than N position	Below 1.5
D ↔ E1 (E5-17 ↔ E3-17)	Y-B ↔ BR	IG ON and shift lever D or M position	7.5 – 14
		IG ON and shift lever other than D and M position	Below 1.5
4 ↔ E1 (E5-7 ↔ E3-17)	Y-G ↔ BR	IG ON and shift lever M position	7.5 – 14
		IG ON and shift lever other than M position	Below 1.5
3 ↔ E1 (E3-20 ↔ E3-17)	G ↔ BR	IG ON and shift lever 3 position	7.5 – 14
		IG ON and shift lever other than 3 position	Below 1.5
2 ↔ E1 (E3-21 ↔ E3-17)	G-B ↔ BR	IG ON and shift lever 2 or L position	7.5 – 14
		IG ON and shift lever other than 2 and L position	Below 1.5
L ↔ E1 (E2-14 ↔ E3-17)	R-Y ↔ BR	IG ON and shift lever L position	7.5 – 14
		IG ON and shift lever other than L position	Below 1.5
STP ↔ E1 (E5-6 ↔ E3-17)	G-W ↔ BR	IG ON and brake pedal depressed	7.5 – 14
		IG ON and brake pedal released	Below 1.5
SFTU ↔ E1 (E5-4 ↔ E3-17)	L-Y ↔ BR	IG ON and "Up" transmission shift switch pressed	Below 3
		IG ON and "Up" transmission shift switch released	7 – 12
SFTD ↔ E1 (E5-14 ↔ E3-17)	R-G ↔ BR	IG ON and "Down" transmission shift switch pressed	Below 3
		IG ON and "Down" transmission shift switch released	7 – 12