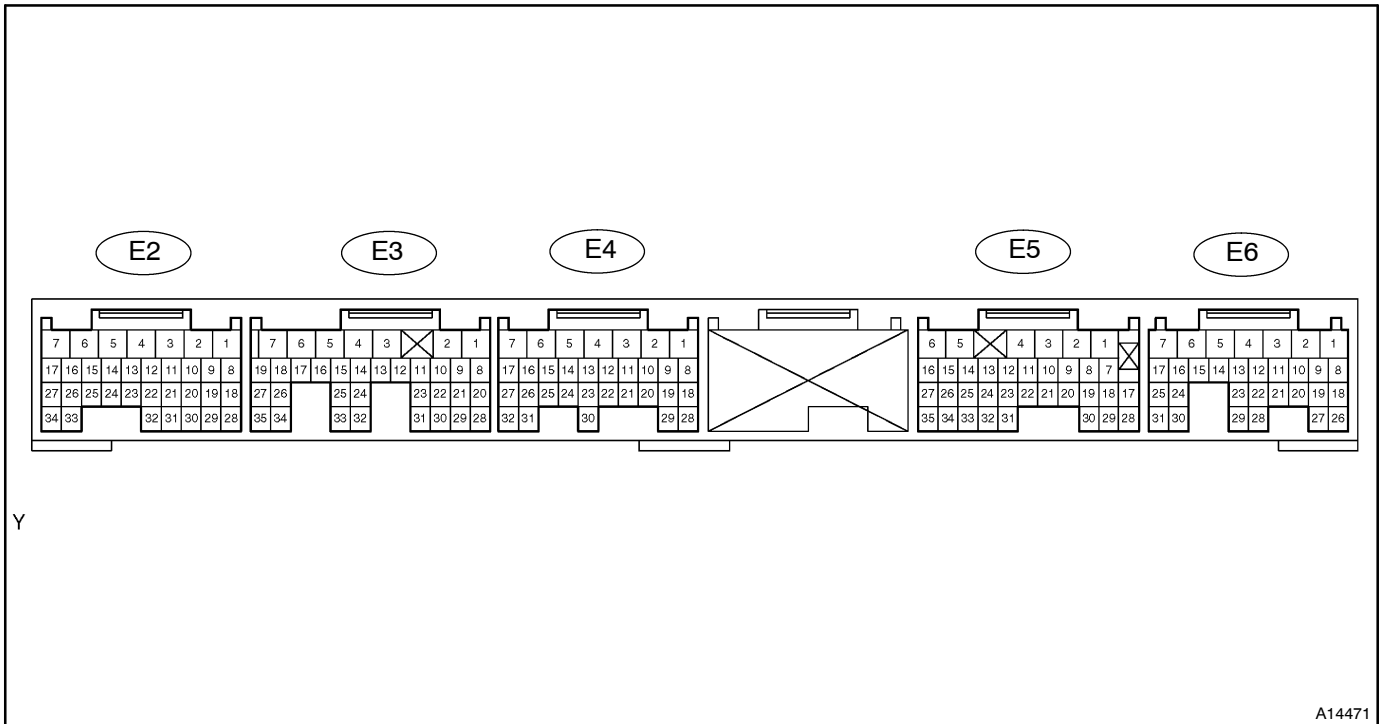


TERMINALS OF ECU



Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
S1 ↔ E1 (E3-19 ↔ E3-7)	R ↔ BR	IG ON	Below 1.5
		3rd, 4th or 5th gear	Below 1.5
		1st or 2nd gear	9 - 14
S2 ↔ E1 (E3-18 ↔ E3-7)	W ↔ BR	IG ON	Below 1.5
		1st, 4th or 5th gear	Below 1.5
		2nd or 3rd gear	9 - 14
S3 ↔ E1 (E3-17 ↔ E3-7)	G ↔ BR	IG ON	Below 1.5
		1st, 2nd, 3rd or 5th gear	Below 1.5
		4th gear	9 - 14
S4 ↔ E1 (E3-16 ↔ E3-7)	G-R ↔ BR	IG ON	Below 1.5
		1st, 2nd, 3rd or 4th gear	Below 1.5
		5th gear	9 - 14
SLU ⁺ ↔ SLU ⁻ (E3-11 ↔ E3-10)	L-Y ↔ L-R	IG ON	Below 3
		Engine is idling	Pulse signal is output below 1.5 ↔ 9 - 14
SLN ⁺ ↔ SLN ⁻ (E3-13 ↔ E3-12)	Y ↔ L	IG ON	Below 3
		Engine is idling	Pulse signal is output below 1.5 ↔ 9 - 14
SLT ⁺ ↔ SLT ⁻ (E3-35 ↔ E3-34)	B ↔ G-B	IG ON	Below 3
		Engine is idling	Pulse signal is output below 1.5 ↔ 9 - 14
SP2 ⁺ ↔ SP2 ⁻ (E3-23 ↔ E3-22)	G ↔ R	Engine is idling	Pulse signal is output below 1.5 ↔ 4 - 6
NCO ⁺ ↔ NCO ⁻ (E3-21 ↔ E3-20)	Y ↔ L	Engine is idling	Pulse signal is output below 1.5 ↔ 4 - 6

DIAGNOSTICS - AUTOMATIC TRANSMISSION (3UZ-FE)

OIL ↔ EOIL (E3-27 ↔ E3-26)	G-Y ↔ BR	IG ON and ATF temperature 110 °C (176 °F)	Below 1
P ↔ E1 (E3-6 ↔ E3-7)	W ↔ BR	IG ON and shift lever P range	7.5 - 14
		IG ON and shift lever other than P range	Below 1.5
R ↔ E1 (E3-5 ↔ E3-7)	G ↔ BR	IG ON and shift lever R range	7.5 - 14
		IG ON and shift lever other than R range	Below 1.5
N ↔ E1 (E3-3 ↔ E3-7)	G-R ↔ BR	IG ON and shift lever N range	7.5 - 14
		IG ON and shift lever other than N range	Below 1.5
D ↔ E1 (E5-13 ↔ E3-7)	Y-B ↔ BR	IG ON and shift lever D or 4 range	7.5 - 14
		IG ON and shift lever other than D or 4 range	Below 1.5
4 ↔ E1 (E5-14 ↔ E3-7)	Y-G ↔ BR	IG ON and shift lever 4 range	7.5 - 14
		IG ON and shift lever other than 4 range	Below 1.5
3 ↔ E1 (E3-4 ↔ E3-7)	G ↔ BR	IG ON and shift lever 3 range	7.5 - 14
		IG ON and shift lever other than 3 range	Below 1.5
2 ↔ E1 (E5-12 ↔ E3-7)	*1G-B ↔ BR	IG ON and shift lever 2 or L range	7.5 - 14
	*2W-B ↔ BR	IG ON and shift lever other than 2 or L range	Below 1.5
L ↔ E1 (E5-15 ↔ E3-7)	R-Y ↔ BR	IG ON and shift lever L range	7.5 - 14
		IG ON and shift lever other than L range	Below 1.5
STP ↔ E1 (E5-4 ↔ E3-7)	G-W ↔ BR	IG ON and brake pedal depressed	9 - 14
		IG ON and brake pedal released	Below 1.5
KD ↔ E1 (E6-9 ↔ E3-7)	Y-R ↔ BR	IG ON and accelerator pedal depressed	9 - 14
		IG ON and accelerator pedal released	Below 1.5

*1: LHD

*2: RHD