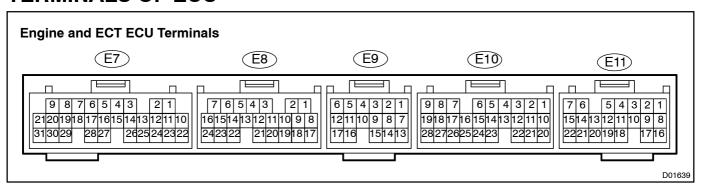
TERMINALS OF ECU



Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
		IG ON 3rd or O/D gear 1st or 2nd gear IG ON BR 1st or O/D gear 2nd or 3rd gear IG ON Vehicle driving under lock—up position IG ON Engine is idling G Engine is idling BR—W IG ON and ATF temperature 110 °C (176 °F) IG ON and shift lever range: P or N IG ON and shift lever range: except P or N IG ON and shift lever range: except P or N IG ON and shift lever range: except R IG ON and shift lever range: except D IG ON and shift lever range: except L IG ON and shift lever range: except D IG ON and shift le	Below 1.5
S1 ↔ E1 (E9-1 ↔ E8-17)	R ↔ BR		Below 1.5
		1st or 2nd gear	9.0 – 14
		IG ON	Below 1.5
S2 ↔ E1 (E9-2 ↔ E8-17)	W ↔ BR	1st or O/D gear	Below 1.5
		2nd or 3rd gear	9.0 – 14
SL ↔ E	0 00	IG ON 3rd or O/D gear 1st or 2nd gear IG ON 1st or O/D gear 2nd or 3rd gear IG ON Vehicle driving under lock—up position IG ON Engine is idling Engine is idling Engine is idling Engine is idling IG ON and ATF temperature 110 °C (176 °F) IG ON and shift lever range: P or N IG ON and shift lever range: except P or N IG ON and shift lever range: except P or N IG ON and shift lever range: except R IG ON and shift lever range: except D IG ON and shift lever range: except D IG ON and shift lever range: except 2 IG ON and shift lever range: except L IG ON and shift lever range: except L IG ON and brake pedal depressed IG ON and Transfer shift lever N position IG ON and 2nd start switch ON IG ON and 2nd start switch OFF	Below 1.5
(E9–3 ↔ E8–17)	G ↔ BR		9.0 – 14
017: 017	G ↔ BR	IG ON	Below 3.0
SLT+ ↔ SLT- (E9–9 ↔ E8–15)		Engine is idling	Pulse signal is output Below 1.5 ↔ 9.0 – 14
SP2 ⁺ ↔ SP2 ⁻ (E9-5 ↔ E9-11)	R ↔ G	Engine is idling	Pulse signal is output Below 1.5 ↔ 4 – 6
NCO ⁺ ↔ NCO ⁻ (E9-4 ↔ E9-10)	L-R ↔ L-W	Engine is idling	Pulse signal is output Below 1.5 ↔ 4 – 6
OIL ↔ E2 (E9–17 ↔ E8–18)	G-Y ↔ BR-W	IG ON and ATF temperature 110 °C (176 °F)	Below 1.5
		IG ON and shift lever range: P or N	9.0 – 14
NSW ↔ E1 (E10–20 ↔ E8–17)	R-B ↔ BR	IG ON and shift lever range: except P or N	Below 1.5
	R-B ↔ BR	IG ON and shift lever range: R	9.0 – 14
R ↔ E1 (E10-2 ↔ E8-17)		IG ON and shift lever range: except R	Below 1.5
D	0 1/ 00	Ist or 2nd gear Ist or 2nd gear Ist or 2nd gear Ist or O/D gear 2nd or 3rd gear Ist on O/D gear 2nd on	9.0 – 14
D ↔ E1 (E10–19 ↔ E8–17)	G-Y ↔ BR		Below 1.5
0 54 /540 0 50 47	0 88	IG ON and shift lever range: 2	9.0 – 14
2 ↔ E1 (E10–3 ↔ E8–17)	G ↔ BR	IG ON and shift lever range: except 2	Below 1.5
L 54 /540 4 50 47\	0 B BB	1st or 2nd gear IG ON 1st or O/D gear 2nd or 3rd gear IG ON Vehicle driving under lock-up position IG ON Engine is idling Engine is idling Engine is idling IG ON and ATF temperature 110 °C (176 °F) IG ON and shift lever range: P or N IG ON and shift lever range: except P or N IG ON and shift lever range: except R IG ON and shift lever range: except R IG ON and shift lever range: except D IG ON and shift lever range: 2 IG ON and shift lever range: except 2 IG ON and shift lever range: except L IG ON and shift lever range: except L IG ON and brake pedal depressed IG ON and brake pedal released IG ON and Transfer shift lever N position IG ON and 2nd start switch ON IG ON and 2nd start switch OFF	9.0 – 14
L ↔ E1 (E10–4 ↔ E8–17)	G-B ↔ BR	IG ON and shift lever range: except L	Below 1.5
OTD 51 (510.0 50.17)	0 W BB	IG ON and brake pedal depressed	9.0 – 14
STP ↔ E1 (E10-6 ↔ E8-17)	G-W ↔ BR	IG ON and brake pedal released	Below 1.5
TEN 54 /544 45 50 47)	V C DD	IG ON and Transfer shift lever N position	Below 1.5
TFN-E1 (E11-15 ↔ E8-17)	Y-G ↔ BR	IG ON and shift lever range: D IG ON and shift lever range: except D IG ON and shift lever range: 2 IG ON and shift lever range: except 2 IG ON and shift lever range: L IG ON and shift lever range: except L IG ON and brake pedal depressed IG ON and brake pedal released IG ON and Transfer shift lever N position IG ON and Transfer shift lever other than N position IG ON and 2nd start switch ON	9.0 – 14
SNWI-E1 (E11-3 ↔ E8-17)	L-R ↔ BR	IG ON and 2nd start switch ON	Below 1.5
		IG ON and 2nd start switch OFF	9.0 – 14
SNWL-E1 (E11-2 ↔ E8-17) LAND CRUISER (W/G) (RM616	Y ↔ BR	IG ON and 2nd start mode	Below 1.5
		IG ON and Except 2nd start mode	9.0 – 14

LAND CRUISER (W/G) (RM616E)

	==	IG ON and Pattern select switch "NORM"	9.0 – 14
PWR-E1 (E10, 11 ↔ E8, 17)	L–W ↔ BR	IG ON and Pattern select switch "PWR"	Below 1.5
		IG ON and O/D main switch ON (O/D OFF)	Below 1.5
OD2 – E1 (E10–1 ↔ E8–17)	B ↔ BR	IG ON and O/D main switch OFF (O/D ON)	9.0 – 14
L4 – E1 (E11–22 ↔ E8–17)	B-L ↔ BR	IG ON and Transfer shift lever L4 position	9.0 – 14
		IG ON and Transfer shift lever other than L4 position	Below 1.5
		IG ON and Vehicle stationary	Below 1.5
SPD-E1 (E10, 15-E8, 17)	V ↔ BR	IG ON and Turn one rear wheel slowly	Pulse signal is output Below 1.5 ↔ 4–6