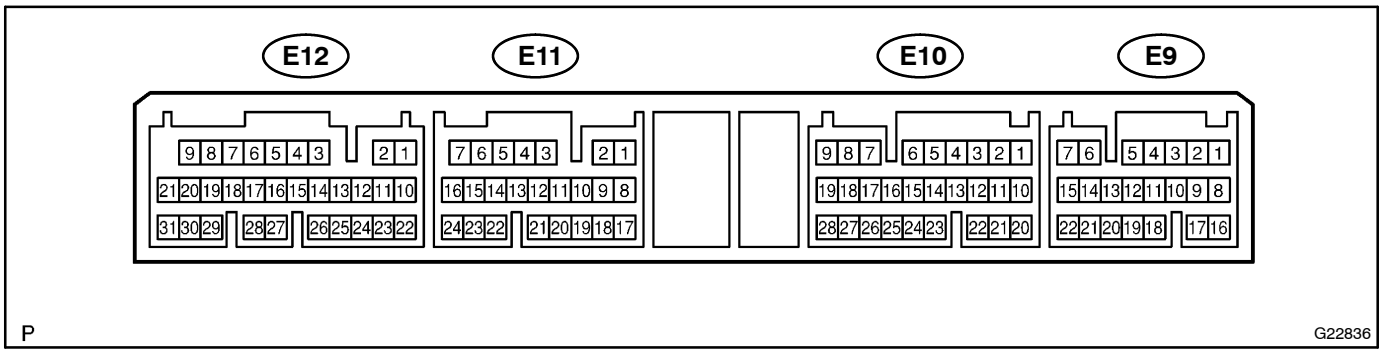
05A9O–01

TERMINALS OF ECM

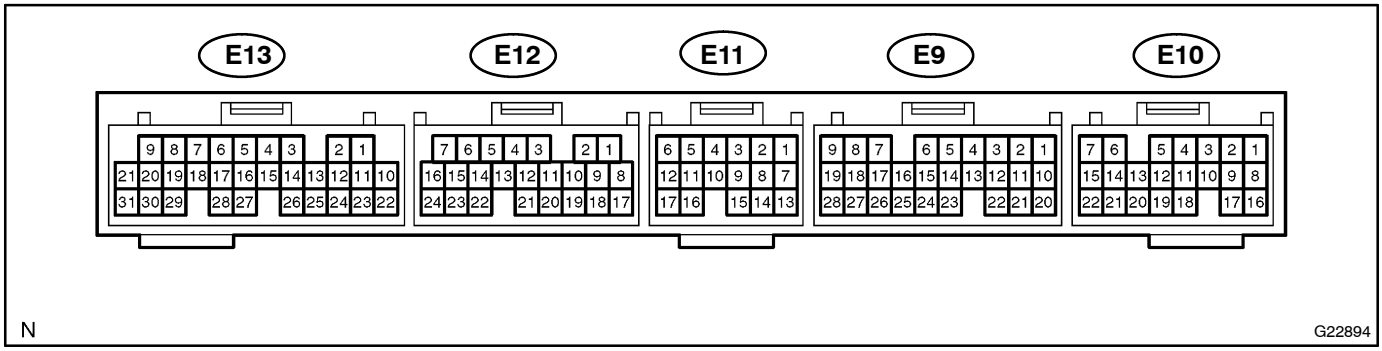
1KZ–TE:



Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
THOC (E11–15) ↔ E2 (E11–20)	B–Y ↔ BR	ATF temperature: 115 °C (239 °F) or more	Below 1.5
L4 (E12–11) ↔ E1 (E12–22)	G–W ↔ BR	IG ON and Transfer shift lever L4 position	Below 1.5
		IG ON and Transfer shift lever other than L4 position	9 – 14
SL (E11–4) ↔ E1 (E12–22)	P–L ↔ BR	IG ON	Below 1.5
		Vehicle driving under lock–up position	9 – 14
S2 (E11–5) ↔ E1 (E12–22)	W–L ↔ BR	IG ON	Below 1.5
		2nd or 3rd gear	9 – 14
		1st or O/D gear	Below 1.5
S1 (E11–6) ↔ E1 (E12–22)	GR ↔ BR	IG ON	9 – 14
		1st or 2nd gear	9 – 14
		3rd or O/D gear	Below 1.5
D (E11–18) ↔ E1 (E12–22)	G ↔ BR	IG ON and Shift lever D and 3 range	7.5 – 14
		IG ON and Shift lever other than D and 3 range	Below 1.5
R (E11–19) ↔ E1 (E12–22)	R–B ↔ BR	IG ON and Shift lever R range	7.5 – 14
		IG ON and Shift lever other than R range	Below 1.5
2 (E9–9) ↔ E1 (E12–22)	L ↔ BR	IG ON and Shift lever 2 range	7.5 – 14
		IG ON and Shift lever other than 2 range	Below 1.5
3 (E10–11) ↔ E1 (E12–22)	G–O ↔ BR	IG ON and Shift lever 3 range	7.5 – 14
		IG ON and Shift lever other than 3 range	Below 1.5
L (E11–10) ↔ E1 (E12–22)	G–R ↔ BR	IG ON and Shift lever L range	7.5 – 14
		IG ON and Shift lever other than L range	Below 1.5
TFN (E12–23) ↔ E1 (E12–22)	G ↔ BR	IG ON and Transfer shift lever N range	Below 1.5
		IG ON and Transfer shift lever other than N range	9 – 14
SP2+ (E12–14) ↔ SP2– (E12–26)	R ↔ G	Vehicle is running	Pulse signal is output Below 1.5 ↔ 4 – 6
SNWI (E10–12) – E1 (E12–22)	GR–L ↔ BR	IG switch ON	9 – 14
		IG switch ON and Press continuously 2nd start switch	Below 1
STP (E10–14) ↔ E1 (E12–22)	G–Y ↔ BR	IG ON and Brake pedal is depressed	7.5 – 14
		IG ON and Brake pedal is released	Below 1.5
SP1 (E10–22) ↔ E1 (E12–22)	V–R ↔ BR	IG ON and turn one rear wheel slowly	Pulse signal is output Below 1.5 ↔ 4 – 6
NSW (E10–15) ↔ E1 (E12–22)	L–Y ↔ BR	IG ON and Shift lever P or N range	Below 3
		IG ON and Shift lever other than P or N range	9 – 14

SLT+ (E11–8) ↔ SLT– (E11–17)	LG–B ↔ L–R	IG ON	Below 3
		Engine is idling	Pulse signal is output Below 3 ↔ 9 – 14

1KD–FTV:



Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
THOC (E12–15) ↔ E2 (E12–20)	B–Y ↔ BR	ATF temperature: 115 °C (239 °F) or more	Below 1.5
L4 (E11–10) ↔ E1 (E13–22)	G–W ↔ BR	IG ON and Transfer shift lever L4 position	Below 1.5
		IG ON and Transfer shift lever other than L4 position	9 – 14
SL (E11–1) ↔ E1 (E13–22)	P–L ↔ BR	IG ON	Below 1.5
		Vehicle driving under lock–up position	9 – 14
S2 (E11–2) ↔ E1 (E13–22)	W–L ↔ BR	IG ON	Below 1.5
		2nd or 3rd gear	9 – 14
		1st or O/D gear	Below 1.5
S1 (E11–3) ↔ E1 (E13–22)	GR ↔ BR	IG ON	9 – 14
		1st or 2nd gear	9 – 14
		3rd or O/D gear	Below 1.5
R (E11–4) ↔ E1 (E13–22)	R–B ↔ BR	IG ON and Shift lever R range	7.5 – 14
		IG ON and Shift lever other than R range	Below 1.5
2 (E11–5) ↔ E1 (E13–22)	L ↔ BR	IG ON and Shift lever 2 range	7.5 – 14
		IG ON and Shift lever other than 2 range	Below 1.5
3 (E11–16) ↔ E1 (E13–22)	G–Y ↔ BR	IG ON and Shift lever 3 range	7.5 – 14
		IG ON and Shift lever other than 3 range	Below 1.5
L (E11–6) ↔ E1 (E13–22)	G–R ↔ BR	IG ON and Shift lever L range	7.5 – 14
		IG ON and Shift lever other than L range	Below 1.5
TFN (E11–9) ↔ E1 (E13–22)	G ↔ BR	IG ON and Transfer shift lever N range	Below 1.5
		IG ON and Transfer shift lever other than N range	9 – 14
SP2+ (E11–14) ↔ SP2– (E11–13)	R ↔ G	Vehicle is running	Pulse signal is output Below 1.5 ↔ 4 – 6
SNWI (E11–17) – E1 (E13–22)	G–B ↔ BR	IG switch ON	9 – 14
		IG switch ON and Press continuously 2nd start switch	Below 1
STP (E9–14) ↔ E1 (E13–22)	G–Y ↔ BR	IG ON and Brake pedal is depressed	7.5 – 14
		IG ON and Brake pedal is released	Below 1.5
SP1 (E9–22) ↔ E1 (E13–22)	V–R ↔ BR	IG ON and turn one rear wheel slowly	Pulse signal is output Below 1.5 ↔ 4 – 6
NSW (E10–22) ↔ E1 (E13–22)	L–Y ↔ BR	IG ON and Shift lever P or N range	Below 3
		IG ON and Shift lever other than P or N range	9 – 14

D (E10–11) ↔ E1 (E13–22)	G ↔ BR	IG ON and Shift lever D and 3 range	7.5 – 14
		IG ON and Shift lever other than D and 3 range	Below 1.5
SLT+ (E11–8) ↔ SLT– (E11–7)	LG–B ↔ L–R	IG ON	Below 3
		Engine is idling	Pulse signal is output Below 3 ↔ 9 – 14