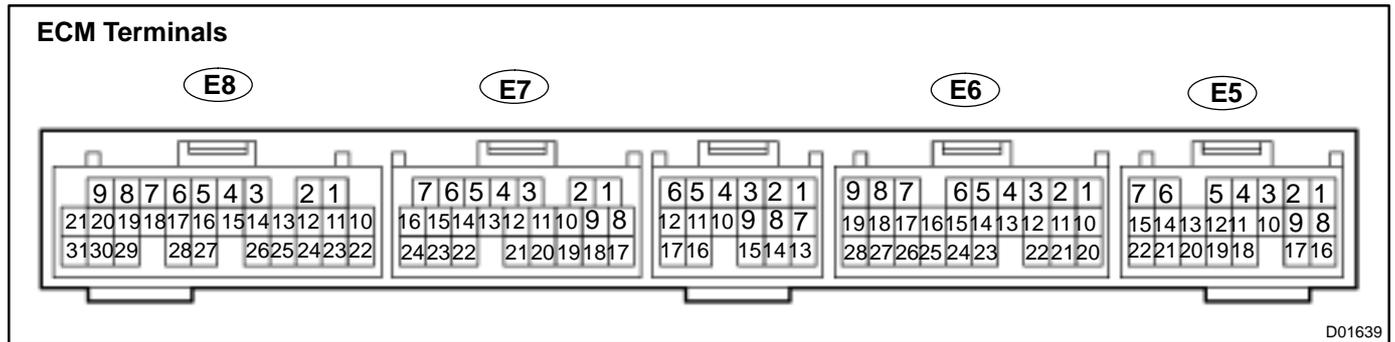


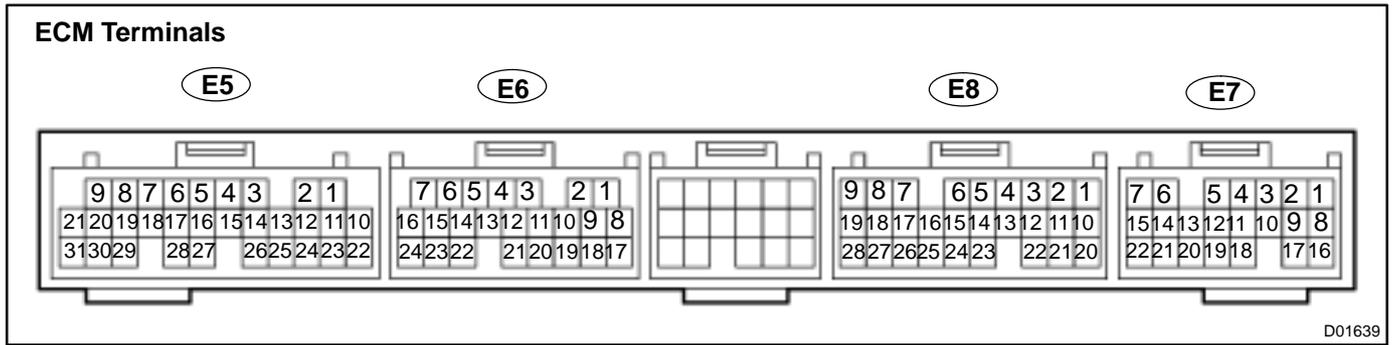
TERMINALS OF ECM

3RZ-FE (Carifonia):



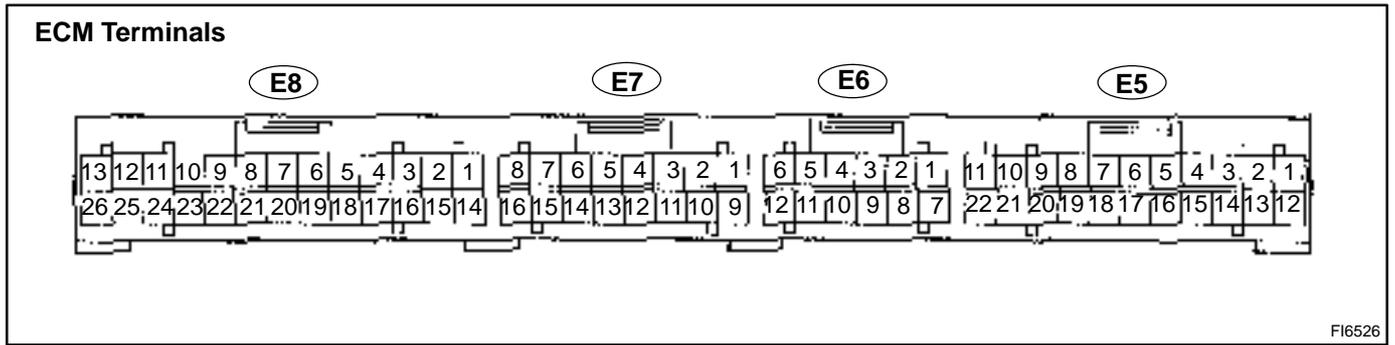
Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
S1 - E1 (E8, 7 - E7, 17)	V-Y ↔ BR	IG ON	9 - 14
		IG ON and 1st or 2nd gear	9 - 14
		IG ON and 3rd or O/D gear	Below 1.5
S2 - E1 (E8, 8 - E7, 17)	LG ↔ BR	IG ON	Below 1.5
		IG ON and 2nd or 3rd gear	9 - 14
		IG ON and 1st or O/D gear	Below 1.5
SL - E1 (E8, 9 - E7, 17)	R-G ↔ BR	IG ON	Below 1.5
		IG ON and vehicle driving under lock-up position	9 - 14
SP2+ - SP2- (E6, 14 - E6, 23)	Y-R ↔ W-R	IG ON and engine is running	Pulse signal is output Below 1.5 ↔ 4 - 6
OD1 - E1 (E5, 11 - E7, 17)	R-Y ↔ BR	IG ON	9 - 14
ODLP - E1 (E5, 10 - E7, 17)	L-O ↔ BR	IG ON and O/D OFF indicator light lights up	Below 3
		IG ON and O/D OFF indicator light goes off	9 - 14
OIL - E2 (E8, 26 - E7, 18)	Y-R ↔ BR-B	IG ON and ATF temperature: 115°C (239°F) or more	Below 1.5
L - E1 (E5, 3 - E7, 17)	V-W ↔ BR	IG ON and Shift lever L position	7.5 - 14
		IG ON and Shift lever other than L position	Below 1.5
2 - E1 (E5, 4 - E7, 17)	P ↔ BR	IG ON and Shift lever 2 position	7.5 - 14
		IG ON and Shift lever other than 2 position	Below 1.5
R - E1 (E5, 2 - E7, 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
NSW - E1 (E5, 22 - E7, 17)	B-R ↔ BR	IG ON and Shift lever P or N position	Below 3
		IG ON and Shift lever other than P or N position	9 - 14
PWR - E1 (E5, 17 - E7, 17)	G ↔ BR	IG ON and Pattern select switch "NORM"	Below 1.5
		IG ON and Pattern select switch "PWR"	7.5 - 14
ODMS - E1 (E6, 25 - E7, 17)	G ↔ BR	IG ON	9 - 14
		IG ON and Press continuously O/D main switch	Below 1.5

5VZ-FE (California):

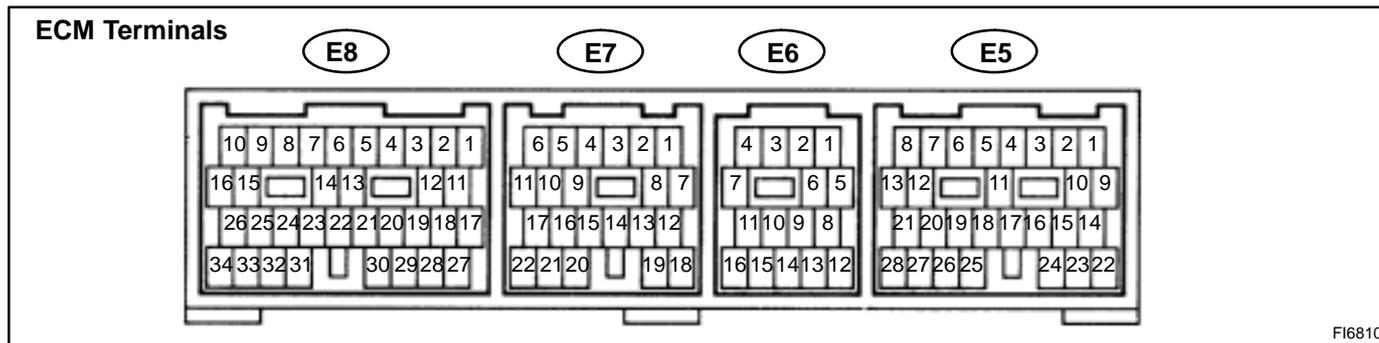


Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
S1 – E1 (E8, 1 – E7, 17)	V ↔ BR	IG ON	9 – 14
		IG ON and 1st or 2nd gear	9 – 14
		IG ON and 3rd or O/D gear	Below 1.5
S2 – E1 (E5, 8 – E6, 17)	LG ↔ BR	IG ON	Below 1.5
		IG ON and 2nd or 3rd gear	9 – 14
		IG ON and 1st or O/D gear	Below 1.5
SL – E1 (E8, 9 – E7, 17)	R ↔ BR	IG ON	Below 1.5
		IG ON and vehicle driving under lock-up position	9 – 14
SP2+ – SP2- (E8, 14 – E8, 26)	Y-R ↔ W-R	IG ON and engine is running	Pulse signal is output Below 1.5 ↔ 4 – 6
OD1 – E1 (E6, 24 – E7, 17)	R-Y ↔ BR	IG ON	9 – 14
ODLP – E1 (E6, 10 – E7, 17)	L-O ↔ BR	IG ON and O/D OFF indicator light lights up	Below 3
		IG ON and O/D OFF indicator light goes off	9 – 14
OIL – E2 (E7, 15 – E7, 18)	Y-R ↔ BR-B	IG ON and ATF temperature: 115°C (239°F) or more	Below 1.5
L – E1 (E6, 12 – E7, 17)	V-W ↔ BR	IG ON and Shift lever L position	7.5 – 14
		IG ON and Shift lever other than L position	Below 1.5
2 – E1 (E6, 3 – E7, 17)	P ↔ BR	IG ON and Shift lever 2 position	7.5 – 14
		IG ON and Shift lever other than 2 position	Below 1.5
R – E1 (E6, 2 – E7, 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
NSW – E1 (E6, 20 – E7, 17)	B-R ↔ BR	IG ON and Shift lever P or N position	Below 3
		IG ON and Shift lever other than P or N position	9 – 14
ADD – E1 (E8, 22 – E7, 17)	G ↔ BR	IG ON and Pattern select switch "NORM"	Below 1.5
		IG ON and Pattern select switch "PWR"	7.5 – 14
ODMS – E1 (E6, 6 – E7, 17)	G ↔ BR	IG ON	9 – 14
		IG ON and Press continuously O/D main switch	Below 1.5

3RZ-FE (Except California):



Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
S1 - E1 (E8, 8 - E8, 24)	V-Y ↔ BR	IG ON	9 - 14
		IG ON and 1st or 2nd gear	9 - 14
		IG ON and 3rd or O/D gear	Below 1.5
S2 - E1 (E8, 21 - E8, 24)	LG ↔ BR	IG ON	Below 1.5
		IG ON and 2nd or 3rd gear	9 - 14
		IG ON and 1st or O/D gear	Below 1.5
SL - E1 (E8, 20 - E8, 24)	R-G ↔ BR	IG ON	Below 1.5
		IG ON and vehicle driving under lock-up position	9 - 14
SP2+ - SP2- (E6, 9 - E6, 3)	Y-R ↔ W-R	IG ON and engine is running	Pulse signal is output Below 1.5 ↔ 4 - 6
OD1 - E1 (E5, 18 - E8, 24)	R-Y ↔ BR	IG ON	9 - 14
ODLP - E1 (E5, 5 - E8, 24)	L-O ↔ BR	IG ON and O/D OFF indicator light lights up	Below 3
		IG ON and O/D OFF indicator light goes off	9 - 14
OIL - E2 (E8, 16 - E7, 9)	Y-R ↔ BR-B	IG ON and ATF temperature: 115°C (239°F) or more	Below 1.5
L - E1 (E5, 15 - E8, 24)	V-W ↔ BR	IG ON and Shift lever L position	7.5 - 14
		IG ON and Shift lever other than L position	Below 1.5
2 - E1 (E5, 16 - E8, 24)	P ↔ BR	IG ON and Shift lever 2 position	7.5 - 14
		IG ON and Shift lever other than 2 position	Below 1.5
R - E1 (E5, 17 - E8, 24)	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
NSW - E1 (E5, 22 - E8, 24)	B-R ↔ BR	IG ON and Shift lever P or N position	Below 3
		IG ON and Shift lever other than P or N position	9 - 14
PWR - E1 (E5, 14 - E8, 24)	G ↔ BR	IG ON and Pattern select switch "NORM"	Below 1.5
		IG ON and Pattern select switch "PWR"	7.5 - 14
ODMS - E1 (E6, 1 - E8, 24)	G ↔ BR	IG ON	9 - 14
		IG ON and Press continuously O/D main switch	Below 1.5

5VZ-FE (Except California):

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
S1 – E1 (E8, 11 – E6, 16)	V–Y ↔ BR	IG ON	9 – 14
		IG ON and 1st or 2nd gear	9 – 14
		IG ON and 3rd or O/D gear	Below 1.5
S2 – E1 (E8, 17 – E6, 16)	LG ↔ BR	IG ON	Below 1.5
		IG ON and 2nd or 3rd gear	9 – 14
		G ON and 1st or O/D gear	Below 1.5
SL – E1 (E8, 27 – E6, 16)	R–G ↔ BR	IG ON	Below 1.5
		IG ON and vehicle driving under lock-up position	9 – 14
SP2+ – SP2- (E7, 9 – E7, 4)	Y–R ↔ W–R	IG ON and turn one rear wheel slowly	Pulse signal is output Below 1.5 ↔ 4 – 6
OD1 – E1 (E5, 7 – E6, 16)	R–Y ↔ BR	IG ON	9 – 14
ODLP – E1 (E5, 6 – E6, 16)	L–O ↔ BR	IG ON and O/D main switch ON (O/D OFF)	Below 3
		IG ON and O/D main switch OFF (O/D ON)	9 – 14
OIL – E2 (E8, 30 – E7, 22)	Y–R ↔ BR–B	IG ON and ATF temperature: 115°C (239°F) or more	Below 1.5
L – E1 (E5, 1 – E6, 16)	V–W ↔ BR	IG ON and Shift lever L position	7.5 – 14
		IG ON and Shift lever other than L position	Below 1.5
2 – E1 (E5, 10 – E6, 16)	P ↔ BR	IG ON and Shift lever 2 position	7.5 – 14
		IG ON and Shift lever other than 2 position	Below 1.5
R – E1 (E5, 15 – E6, 16)	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
NSW – E1 (E8, 14 – E6, 16)	B–R ↔ BR	IG ON and Shift lever P or N position	Below 3
		IG ON and Shift lever other than P or N position	9 – 14
PWR – E1 (E7, 12 – E6, 16)	G ↔ BR	IG ON and Pattern select switch "NORM"	Below 1.5
		IG ON and Pattern select switch "PWR"	7.5 – 14
ODMS – E1 (E5, 22 – E6, 16)	G ↔ BR	IG ON	9 – 14
		IG ON and Press continuously O/D main switch	Below 1.5