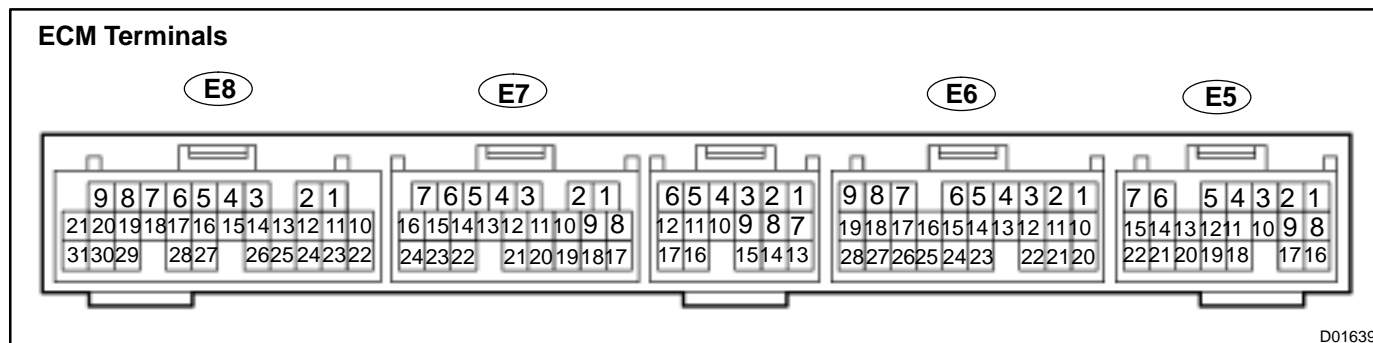
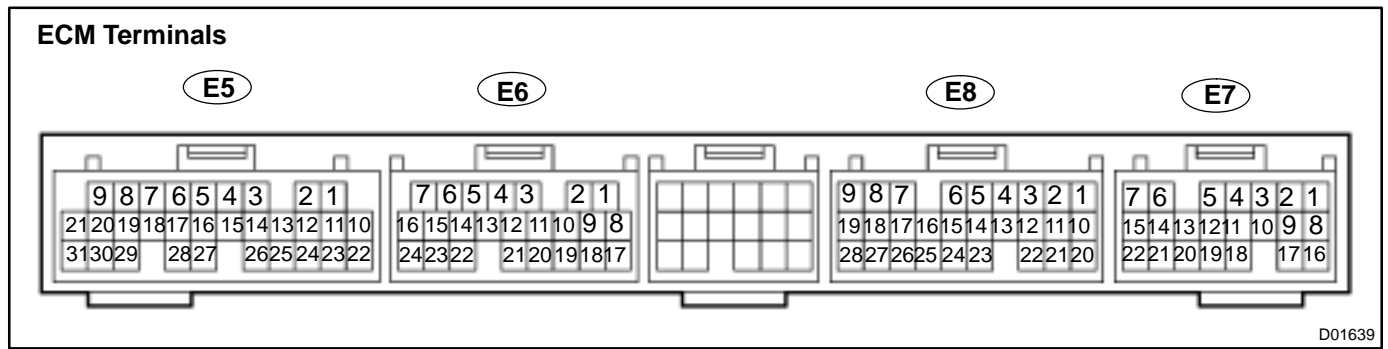


TERMINALS OF ECM

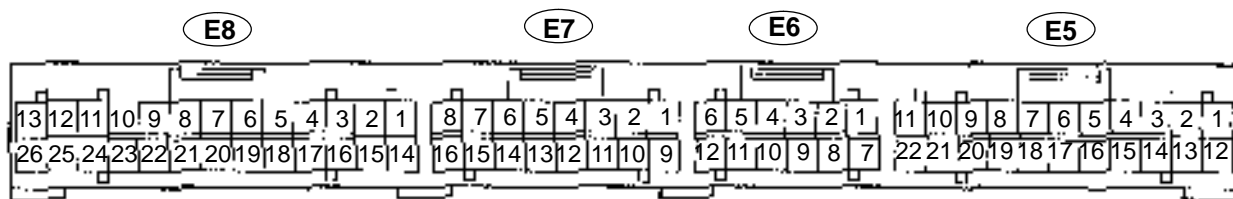
3RZ-FE (Carifornia):



| 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 |

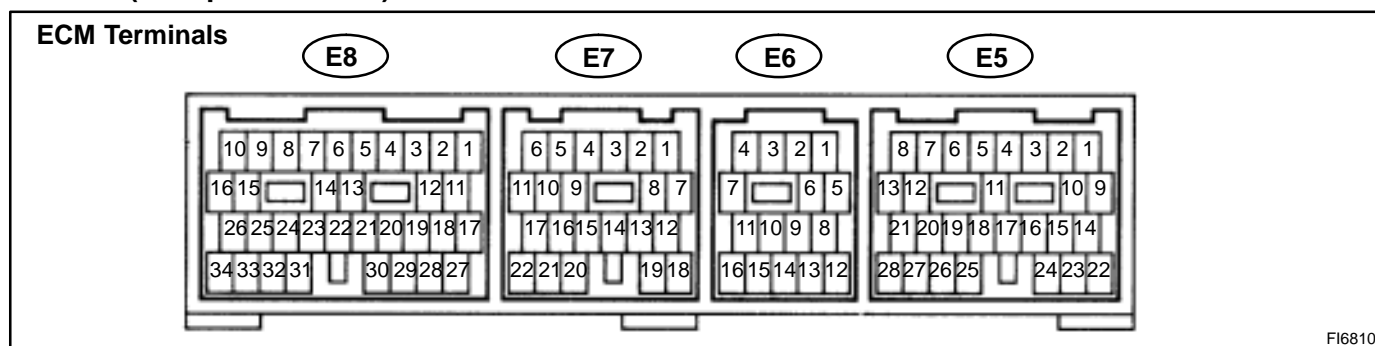
5VZ-FE (Carifornia):

| 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):**ECM Terminals**

FI6526

| 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 Carifornia):

| 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 |