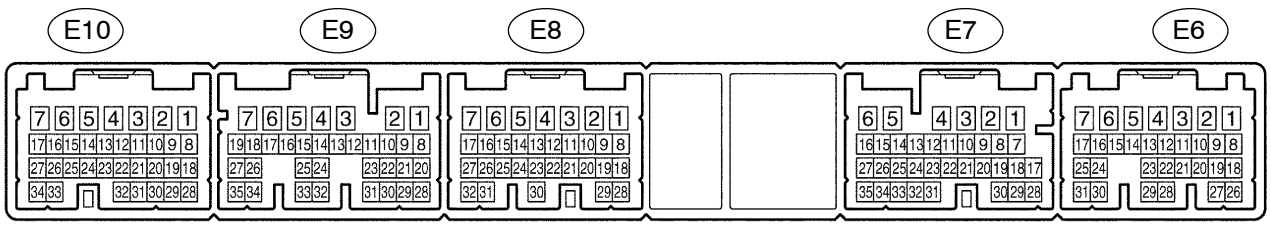
0563Y–01

TERMINALS OF ECU

ECM



I30693

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
E8–1 ↔ Body ground (E1 ↔ Body ground)	BR ↔ Body ground	Constant	Below 1 V
E8–7 ↔ Body ground (E03 ↔ Body ground)	W–B ↔ Body ground	Constant	Below 1 V
E7–10 ↔ E8–1 (D ↔ E1)	W–L ↔ BR	Shift to except D position	Below 1 V
		Shift to D position	10 – 16 V
E7–12 ↔ E8–1 (*1) E7–20 ↔ E8–1 (*2) (ST1– ↔ E1)	R–B ↔ BR	Brake pedal pushed (Stop light switch ON)	Below 1 V
		Brake pedal released (Stop light switch OFF)	7.5 – 14 V
E7–13 ↔ E8–1 (PI ↔ E1)	P–L ↔ BR	Ignition switch ON Cruise control main switch ON	Below 1 V
		Ignition switch ON Cruise control main switch OFF	10 – 16 V
E7–17 ↔ E8–1 (SPD ↔ E1)	V–W ↔ BR	Engine start →Car stoppage	Below 1.5 V → 4.7 – 16 V
		During driving (Pulse generated)	3 – 7 V
E7–19 ↔ E8–1 (STP ↔ E1)	G–W ↔ BR	Brake pedal released (Stop light switch OFF)	Below 1 V
		Brake pedal pushed (Stop light switch ON)	7.5 – 14 V
E7–24 ↔ E8–1 (CCS ↔ E1)	W ↔ BR	Ignition switch ON CANCEL switch ON SET/ COAST switch ON RES/ ACC switch ON	10 – 16 V 6.6 – 11.4 V 4.5 – 8.1 V 2.3 – 4.5 V

If the value is not within the standard range, some defect on the vehicle side is plausible.

*1: 1MZ–FE

*2: 1AZ–FE, 2AZ–FE