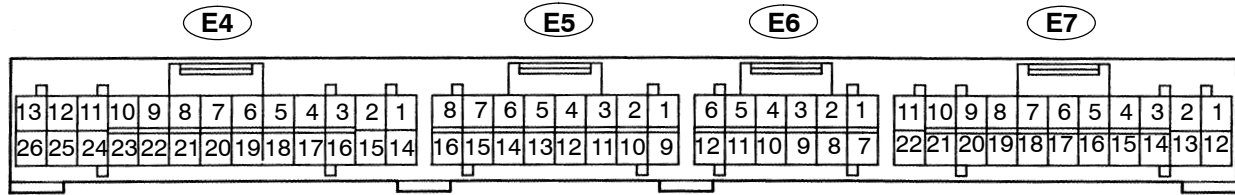


TERMINALS OF ECM

For A/T

ECM Terminals



FI6526

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E7 - 2) - E1 (E4 - 24)	B - Y ↔ BR - B	Always	9 - 14
+ B (E7 - 12) - E1 (E4 - 24)	Y ↔ BR - B	IG switch ON	9 - 14
VCC (E5 - 1) - E2 (E5 - 9)	R - G ↔ BR - B	IG switch ON	4.5 - 5.5
IDL (E5 - 11) - E2 (E5 - 9)	G - W ↔ BR - B	IG switch ON and apply vacuum to the throttle opener Throttle valve fully closed	0 - 3
		IG switch ON Throttle valve fully open	9 - 14
VTA (E5 - 10) - E2 (E5 - 9)	G - B ↔ BR - B	IG switch ON Throttle valve fully closed	0.3 - 0.8
		IG switch ON Throttle valve fully open	3.2 - 4.9
VG (E5 - 2) - E21 (E5 - 16)	G - BR	Idling, N position, A/C switch OFF	1.1 - 1.5
THA (E5 - 3) - E2 (E5 - 9)	L - Y ↔ BR - B	Idling, Intake air temp. 20°C (68°F)	0.5 - 3.4
THW (E5 - 4) - E2 (E5 - 9)	R - W ↔ BR - B	Idling, Engine coolant temp. 80°C (176°F)	0.2 - 1.0
STA (E7 - 11) - E1 (E4 - 24)	B - R ↔ BR - B	Cranking	6.0 or more
#10 (E4 - 12) - E01 (E4 - 13)	W - L ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-54)
#20 (E4 - 11) - E01 (E4 - 13)	W - R ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-54)
#30 (E4 - 25) - E01 (E4 - 13)	W - G ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-54)
#40 (E4 - 2) - E01 (E4 - 13)	Y ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-54)
#50 (E4 - 1) - E01 (E4 - 13)	Y - R ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-54)
#60 (E4 - 15) - E01 (E4 - 13)	Y - L ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-54)

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
IGT (E4 - 23) - E1 (E4 - 24)	B - G ↔ BR - B	Idling	Pulse generation (See page DI-96)
IGF (E4 - 17) - E1 (E4 - 24)	B - Y ↔ BR - B	IG switch ON Disconnect igniter connector	4.5 - 5.5
		Idling	Pulse generation (See page DI-96)
G1 (E6 - 11) - G - (E6 - 6)	R ↔ L	Idling	Pulse generation (See page DI-62)
G2 (E6 - 10) - G - (E6 - 6)	G ↔ L	Idling	Pulse generation (See page DI-62)
NE (E6 - 12) - G - (E6 - 6)	W ↔ L	Idling	Pulse generation (See page DI-62)
NE2 (E6 - 5) - G - (E6 - 6)	BR ↔ L	Idling	Pulse generation (See page DI-62)
W (E7 - 4) - E1 (E4 - 24)	Y - R ↔ BR - B	Idling	9 - 14
		IG switch ON	0 - 3
EGR (E4 - 22) - E1 (E4 - 24)	L - W ↔ BR - B	IG switch ON	9 - 14
ISC1 (E4 - 7) - E01 (E4 - 13)	R - G ↔ BR	IG switch ON	9 - 14
ISC2 (E4 - 6) - E01 (E4 - 13)	R - B ↔ BR	IG switch ON	9 - 14
ISC3 (E4 - 5) - E01 (E4 - 13)	G - Y ↔ BR	IG switch ON	9 - 14
ISC4 (E4 - 4) - E01 (E4 - 13)	L - Y ↔ BR	IG switch ON	9 - 14
OX1 (E5 - 5) - E1 (E4 - 24)	L ↔ BR - B	Maintain engine speed at 2,500 rpm for 2 min. after warming up	Pulse generation
OX2 (E5 - 13) - E1 (E4 - 24)	W ↔ BR - B	Maintain engine speed at 2,500 rpm for 2 min. after warming up	Pulse generation
HT1 (E6 - 1) - E03 (E6 - 16)	GR ↔ BR	Idling	Below 3.0
		IG switch ON	9 - 14
HT2 (E6 - 7) - E03 (E6 - 16)	O ↔ BR	Idling	Below 3.0
		IG switch ON	9 - 14
KNK1 (E5 - 6) - E1 (E4 - 24)	W ↔ BR - B	Idling	Pulse generation (See page DI-59)
KNK2 (E5 - 14) - E1 (E4 - 24)	L - W ↔ BR - B	Idling	Pulse generation (See page DI-59)
SPD (E7 - 8) - E1 (E4 - 24)	L - W ↔ BR - B	IG switch ON Rotate driving wheel slowly.	Pulse generation
STP (E7 - 14) - E1 (E4 - 24)	G - W ↔ BR - B	IG switch ON Brake pedal depressed.	7.5 - 14
		IG switch ON Brake pedal released.	Below 1.5
TE1 (E5 - 7) - E1 (E4 - 24)	L ↔ BR - B	IG switch ON	9 - 14
A/C (E7 - 7) - E1 (E4 - 24)	B - W ↔ BR - B	Idling, A/C switch ON	9 - 14
		Idling, A/C switch OFF	Below 2.0
THG (E4 - 19) - E2 (E5 - 9)	G - Y ↔ BR - B	IG switch ON	4.5 - 5.5
FC (E4 - 14) - E1 (E4 - 24)	R - W ↔ BR - B	IG switch ON	9 - 14
		Idling	0 - 3

DIAGNOSTICS - ENGINE

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
FPU (E4 - 21) - E1 (E4 - 24)	L - R  BR - B	IG switch ON	9 - 14
		Restarting at high engine coolant temp.	0 - 3
SDL (E7 - 6) - E1 (E4 - 24)	W  BR - B	During transmission	Pulse generation