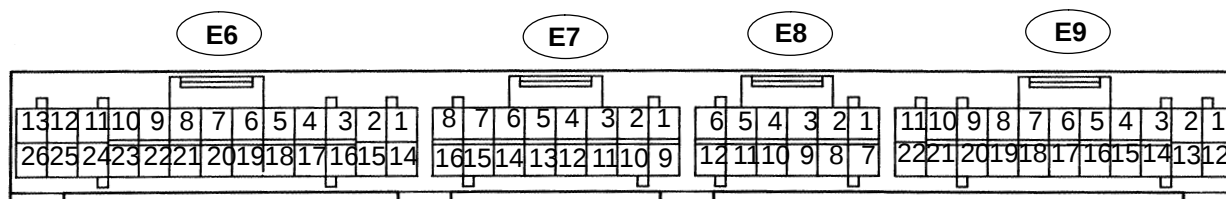


TERMINALS OF ECM FOR M/T

ECM Terminals



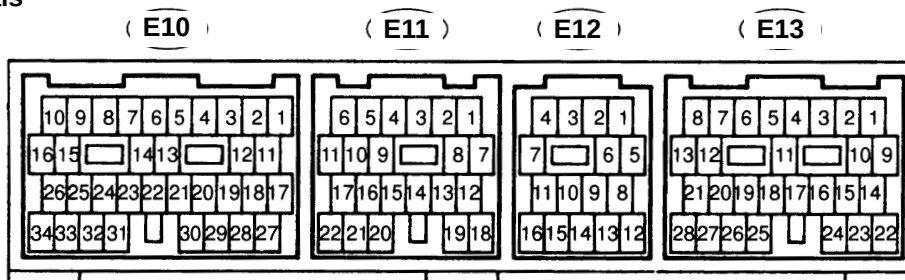
FI6526

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E9-2) - E1 (E6-24)	B - W ↔ BR	Always	9 - 14
+ B (E9-12) - E1 (E6-24)	W - L ↔ BR	IG switch ON	9 - 14
VCC (E7-1) - E2 (E7-9)	G - B ↔ BR - B	IG switch ON	4.5 - 5.5
VTA (E7-10) - E2 (E7-9)	B - Y ↔ BR - B	IG switch ON and throttle valve fully closed	0.3 - 0.8
		IG switch ON and throttle valve fully open	3.2 - 4.9
VG (E7-2) - E3 (E7-8)	R - W ↔ B - W	Idling , A/C switch OFF	1.0 - 1.5
THA (E7-12) - E2 (E7-9)	Y - G ↔ BR - B	Idling, Intake air temp. 20°C (68° F)	0.5 - 3.4
THW (E7-4) - E2 (E7-9)	G - R ↔ BR - B	Idling, Engine coolant temp. 80°C (176°F)	0.2 - 1.0
STA (E9-11) - E1 (E6-24)	B - W ↔ BR	Cranking	6.0 or more
#10 (E6-12) - E01 (E6-13)	R ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-196)
#20 (E6-11) - E01 (E6-13)	W ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-196)
#30 (E6-25) - E01 (E6-13)	G ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-196)
#40 (E6-10) - E01 (E6-13)	R - B ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-196)
#50 (E6-9) - E01 (E6-13)	L ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-196)
#60 (E6-8) - E01 (E6-13)	Y ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-196)
IGT1 (E6-23) - E1 (E6-24)	B - L ↔ BR	Idling	Pulse generation (See page DI-240)
IGT2 (E6-22) - E1 (E6-24)	BR - Y ↔ BR	Idling	Pulse generation (See page DI-240)
IGT3 (E6-21) - E1 (E6-24)	B - W ↔ BR	Idling	Pulse generation (See page DI-240)

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
IGF (E6-17) - E1 (E6-24)	B - Y ↔ BR	IG switch ON and disconnect igniter connector	4.5 - 5.5
		Idling	Pulse generation (See page DI-240)
G (E8-11) - G- (E8-5)	Y ↔ L	Idling	Pulse generation (See page DI-205)
NE (E8-12) - NE- (E8-6)	R ↔ G	Idling	Pulse generation (See page DI-205)
FC (E6-14) - E1 (E6-24)	G - Y ↔ BR	IG switch ON	9 - 14
		Idling	0 - 3.0
EVP (E6-5) - E1 (E6-24)	W - G ↔ BR	IG switch ON	9 - 14
RSC (E6-6) - E1 (E6-24)	B - R ↔ BR	IG switch ON and disconnect E5 of ECM connector	9 - 14
RSO (E6-7) - E1 (E6-24)	BR - R ↔ BR	IG switch ON and disconnect E5 of ECM connector	9 - 14
OX1 (E7-5) - E1 (E6-24)	W ↔ BR	Maintain engine speed at 2,500 rpm for 2 min. after warming up	Pulse generation (See page DI-210)
OX2 (E7-13) - E1 (E6-24)	R ↔ BR	Maintain engine speed at 2,500 rpm for 2 min. after warming up	Pulse generation (See page DI-210)
HT1 (E8-3) - E03 (E8-7)	P ↔ BR	Idling	Below 3.0
		IG switch ON	9 - 14
HT2 (E8-9) - E03 (E8-7)	R - W ↔ BR	Idling	Below 3.0
		IG switch ON	9 - 14
KNK1 (E7-6) - E1 (E6-24)	B ↔ BR	Idling	Pulse generation (See page DI-202)
KNK2 (E7-3) - E1 (E6-24)	GR ↔ BR	Idling	Pulse generation (See page DI-202)
SP1 (E9-8) - E1 (E6-24)	G - O ↔ BR	IG switch ON and rotate driving wheel slowly	Pulse generation (See page DI-234)
TE1 (E7-7) - E1 (E6-24)	V - W ↔ BR	IG switch ON	9 - 14
W (E9-4) - E1 (E6-24)	V ↔ BR	Idling	Below 3.0
		IG switch ON	9 - 14
ACT (E9-6) - E1 (E6-24)	L - B ↔ BR	A/C switch OFF	Below 2.0
		A/C switch ON at idling	5 or more
AC1 (E9-7) - E1 (E6-24)	L - Y ↔ BR	A/C switch ON at idling	Below 2.0
		A/C switch OFF	9 - 14
TPC (E6-3) - E1 (E6-24)	P - B ↔ BR	IG switch ON and disconnect the vacuum hose from the vapor pressure sensor	9 - 14
PTNK (E8-4) - E1 (E6-24)	Y - B ↔ BR - B	IG switch ON	3.0 - 3.6
		IG switch ON and apply vacuum 2.0 kPa (15 mmHg, 0.6 in.Hg)	1.3 - 2.1
SDL (E9-19) - E1 (E6-24)	R - Y ↔ BR - B	During transmission	Pulse generation

FOR A/T

ECM Terminals



A04578

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E13-14) - E1 (E12-16)	B - W ↔ BR	Always	9 - 14
+B (E13-22) - E1 (E12-16)	W - L ↔ BR	IG switch ON	9 - 14
VCC (E11-1) - E2 (E11-22)	G - B ↔ BR - B	IG switch ON	4.5 - 5.5
VTA (E11-7) - E2 (E11-22)	B - Y ↔ BR - B	IG switch ON and throttle valve fully closed	0.3 - 0.8
		IG switch ON and throttle valve fully open	3.2 - 4.9
VG (E11-8) - E3 (E11-18)	R - W ↔ B - W	Idling and A/C switch OFF	1.0 - 1.5
THA (E11-14) - E2 (E11-22)	Y - G ↔ BR - B	Idling and Intake air temp. 20°C (68°F)	0.5 - 3.4
THW (E11-20) - E2 (E11-22)	G - R ↔ BR - B	Idling and Engine coolant temp. 80°C (176°F)	0.2 - 1.0
STA (E10-13) - E1 (E12-16)	B - W ↔ BR	Cranking	6.0 or more
#10 (E10-10) - E01 (E10-34)	R ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-196)
#20 (E10-9) - E01 (E10-34)	W ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-196)
#30 (E10-8) - E01 (E10-34)	G ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-196)
#40 (E10-7) - E01 (E10-34)	R - B ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-196)
#50 (E10-6) - E01 (E10-34)	L ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-196)
#60 (E10-5) - E01 (E10-34)	Y ↔ BR	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-196)
IGT1 (E10-24) - E1 (E12-16)	B - L ↔ BR	Idling	Pulse generation (See page DI-232)
IGT2 (E10-25) - E1 (E12-16)	BR - Y ↔ BR	Idling	Pulse generation (See page DI-232)
IGT3 (E10-26) - E1 (E12-16)	B - W ↔ BR	Idling	Pulse generation (See page DI-232)
IGF (E10-12) - E1 (E12-16)	B - Y ↔ BR	IG switch ON	Below 2.0
		Idling	Pulse generation (See page DI-232)

G (E11-10) - G- (E11-11)	Y ↔ L	Idling	Pulse generation (See page DI-205)
NE (E11-5) - NE- (E11-6)	R ↔ G	Idling	Pulse generation (See page DI-205)
FC (E12-4) - E1 (E12-16)	G - Y ↔ BR	IG switch ON	9 - 14
		Idling	0 - 3.0
EVP (E12-15) - E1 (E12-16)	W - G ↔ BR	IG switch ON	9 - 14
RSC (E10-22) - E1 (E12-16)	B - R ↔ BR	IG switch ON and disconnect E9 of ECM connector	9 - 14
RSO (E10-23) - E1 (E12-16)	BR - R ↔ BR	IG switch ON and disconnect E9 of ECM connector	9 - 14
OX1 (E11-13) - E1 (E12-16)	W ↔ BR	Maintain engine speed at 2,500 rpm for 2 min. after warming up	Pulse generation (See page DI-210)
OX2 (E11-19) - E1 (E12-16)	R ↔ BR	Maintain engine speed at 2,500 rpm for 2 min. after warming up	Pulse generation (See page DI-210)
HT1 (E10-16) - E03 (E10-1)	P - L ↔ BR	Idling	Below 3.0
		IG switch ON	9 - 14
HT2 (E10-15) - E03 (E10-1)	R - W ↔ BR	Idling	Below 3.0
		IG switch ON	9 - 14
KNK1 (E11-17) - E1 (E12-16)	B ↔ BR	Idling	Pulse generation (See page DI-202)
KNK2 (E11-16) - E1 (E12-16)	GR ↔ BR	Idling	Pulse generation (See page DI-202)
NSW (E10-14) - E1 (E12-16)	B ↔ BR	IG switch ON and other shift position in "P", "N" position	9 - 14
		IG switch ON and shift position in "P", "N" position	0 - 3.0
SP1 (E13-12) - E1 (E12-16)	G - O ↔ BR	IG switch ON and rotate driving wheel slowly	Pulse generation (See page DI-234)
TE1 (E12-5) - E1 (E12-16)	V - W ↔ BR	IG switch ON	9 - 14
W (E12-3) - E1 (E12-16)	V ↔ BR	Idling	Below 3.0
		IG switch ON	9 - 14
ACT (E13-5) - E1 (E12-16)	L - B ↔ BR	A/C switch OFF	Below 2.0
		A/C switch ON at idling	5 or more
AC1 (E13-20) - E1 (E12-16)	L - Y ↔ BR	A/C switch ON at idling	Below 2.0
		A/C switch OFF	9 - 14
TPC (E12-13) - E1 (E12-16)	P - B ↔ BR	IG switch ON and disconnect the vacuum hose from the vapor pressure sensor	9 - 14
PTNK (E11-15) - E1 (E12-16)	Y - B ↔ BR - B	IG switch ON	3.0 - 3.6
		IG switch ON and apply vacuum 2.0 kPa (15 mmHg, 0.6 in.Hg)	1.3 - 2.1
SDL (E13-18) - E1 (E12-16)	R - Y ↔ BR - B	During transmission	Pulse generation
BK (E13-25) - E1 (E12-16)	G - W ↔ BR - B	IG switch ON, Brake pedal is depressed	7.5 - 14
		IG switch ON, Brake pedal is released	Below 1.5