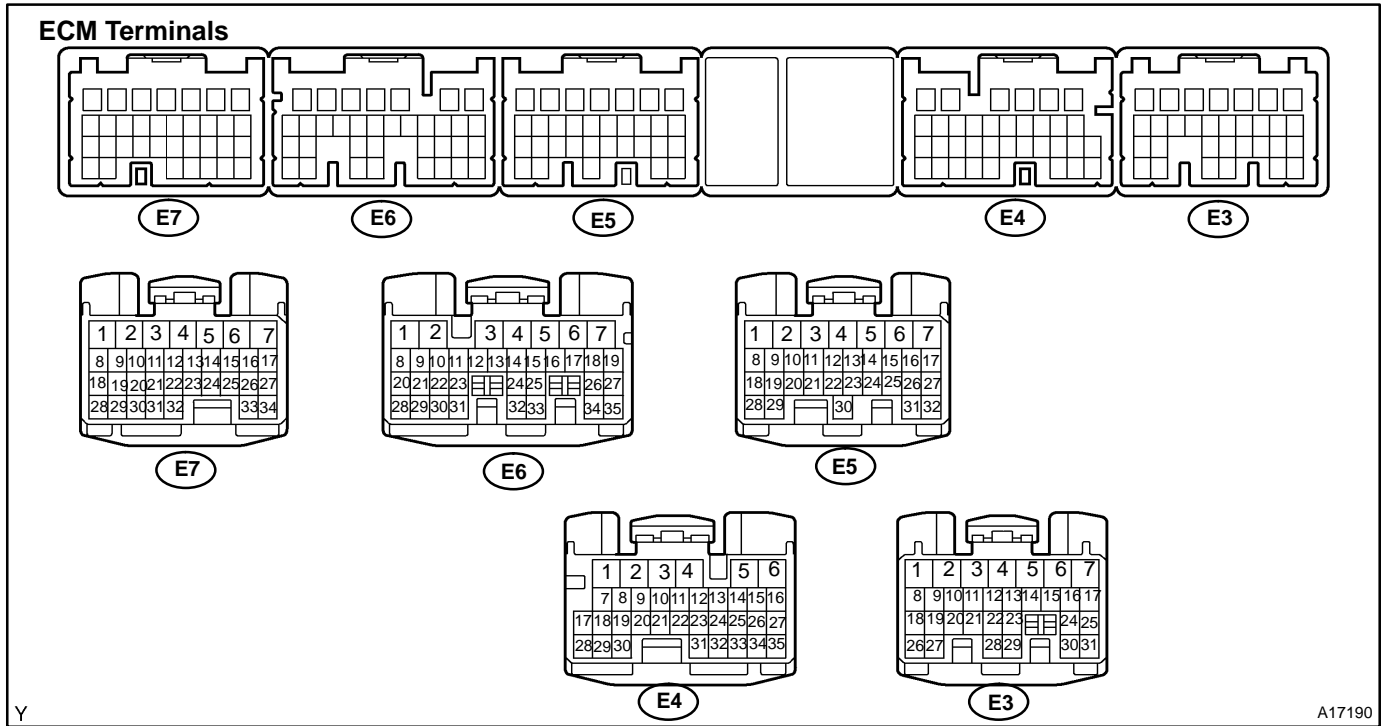


TERMINALS OF ECM



Y

A17190

Symbols (Terminal No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E3-4) - E1 (E6-7)	B-Y ↔ BR	Always	9 - 14
+BM (E3-7) - E1 (E6-7)	L-W ↔ BR		
IGSW (E3-17) - E1 (E6-7)	B - O ↔ BR		
+B (E3-6) - E1 (E6-7)	B-R ↔ BR	IG switch ON	9 - 14
+B2 (E3-5) - E1 (E6-7)	B-R ↔ BR		
VC (E4-35) - E2 (E4-34)	L-Y ↔ BR	IG switch ON	4.5 - 5.5
VTA (E7-25) - E2 (E4-34)	W-R ↔ BR	IG switch ON, Accelerator pedal released	0.4 - 1.0
		IG switch ON, Accelerator pedal depressed	3.2 - 4.8
VTA2 (E7-24) - E2 (E4-34)	G-Y ↔ BR	IG switch ON, Accelerator pedal released	2.0 - 2.9
		IG switch ON, Accelerator pedal depressed	4.6 - 5.1
VPA (E4-33) - E2 (E4-34)	P-L ↔ BR	IG switch ON, Accelerator pedal released	0.3 - 0.9
		IG switch ON, Accelerator pedal depressed	3.2 - 4.8
VPA2 (E4-32) - E2 (E4-34)	L-W ↔ BR	IG switch ON, Accelerator pedal released	1.8 - 2.7
		IG switch ON, Accelerator pedal depressed	4.7 - 5.1
VG (E5-27) - EVG (E5-26)	G-B ↔ L-W	Idling, P or N position, A/C switch OFF	1.1 - 1.5
THA (E5-32) - E2 (E4-34)	L-B ↔ BR	Idling, Intake air temp. 20°C (68°F)	0.5 - 3.4
THW (E5-24) - E2 (E4-34)	R ↔ BR	Idling, Engine coolant temp. 80°C (176°F)	0.2 - 1.0
STA (E3-12) - E1 (E6-7)	B ↔ BR	Shift lever position P or N position, ignition switch START	9 - 14
#10 (E7-15) - E01 (E5-2) #20 (E5-17) - E01 (E5-2) #30 (E7-14) - E01 (E5-2)	R ↔ W-B L ↔ W-B V ↔ W-B	IG switch ON	9 - 14
#40 (E5-16) - E01 (E5-2) #50 (E7-13) - E01 (E5-2) #60 (E5-15) - E01 (E5-2)	R-W ↔ W-B L-R ↔ W-B B-W ↔ W-B		

IGT (E5-13) - E1 (E6-7) IGT2 (E7-27) - E1 (E6-7) IGT3 (E7-26) - E1 (E6-7)	GR-B ↔ BR B-R ↔ BR B-Y ↔ BR	Idling	Pulse generation (See page DI-131)
IGF (E5-7) - E1 (E6-7)	B-L ↔ BR	IG switch ON	4.5 - 5.5
		Idling	Pulse generation (See page DI-131)
G2 (E7-29) - NE- (E7-32)	G ↔ L	Idling	Pulse generation (See page DI-74)
NE (E7-31) - NE- (E7-32)	B-W ↔ L		
MREL (E3-13) - E1 (E6-7)	B-O ↔ BR	IG switch ON	9 - 14
FC (E3-14) - E1 (E6-7)	G-Y ↔ BR	IG switch ON	Below 1.5
		Idling	Pulse generation (0 and 4.5 - 5.5)
FPR (E3-15) - E1 (E6-7)	G-R ↔ BR	Idling	7.0 or more
STP (E4-4) - E1 (E6-7)	G-W ↔ BR	Brake pedal is depressed	7.5 - 14
		Brake pedal is released	Below 1.5
PRG (E7-11) - E01 (E5-2)	W-G ↔ W-B	IG switch ON	9 - 14
TBP (E4-10) - E01 (E5-2)	P ↔ W-B	IG switch ON	9 - 14
CCV (E5-22) - E01 (E5-2)	Y-G ↔ W-B	IG switch ON	9 - 14
PTNK (E4-25) - E2 (E4-34)	P-G ↔ BR	Ignition switch ON	2.9 - 3.7
		Apply vacuum 4.0 kPa (30 mmHg, 1.1 in.Hg)	Below 0.5
OX1A (E6-28) - E2 (E4-34) OX2A (E5-28) - E2 (E4-34)	W ↔ BR W ↔ BR	Maintain engine speed at 2,500 rpm for 90 sec. after warming up	Pulse generation
OX1B (E4-28) - E2 (E4-34) OX2B (E4-17) - E2 (E4-34)	B ↔ BR W ↔ BR	Maintain engine speed at 2,500 rpm for 3 min. after warming up	Pulse generation
HT1A (E6-9) - E01 (E5-2) HT2A (E5-30) - E01 (E5-2) HT1B (E4-7) - E01 (E5-2) HT2B (E4-8) - E01 (E5-2)	LG ↔ W-B G-B ↔ W-B P ↔ W-B R-W ↔ W-B	Idling	Below 3.0
		IG switch ON	9 - 14
KNK1 (E6-1) - E1 (E6-7)	B ↔ BR	Maintain engine speed at 4,000 rpm after warming up	Pulse generation (See page DI-71)
KNK2 (E6-2) - E1 (E6-7)	W ↔ BR		
TC (E4-3) - E1 (E6-7)	R-W ↔ BR	IG switch ON	9 - 14
W (E4-2) - E01 (E5-2)	R-L ↔ W-B	Idling	9 - 14
		IG switch ON	Below 3.0
ACMG (E3-16) - E01 (E5-2)	L-W ↔ W-B	A/C switch ON (at idling)	Below 3.0
		A/C switch OFF	9 - 14
OCV+ (E7-6) - OCV- (E7-5)	R-Y ↔ Y-B	IG switch ON	Pulse generation (See page DI-138)
ACIS (E5-21) - E01 (E5-2)	Y-G ↔ W-B	IG switch ON	9 - 14
		Engine speed between 2,500 and 4,000 rpm	Below 3.0
CL+ (E7-10) - CL- (E7-9)	R-W ↔ Y	Idling	Pulse generation (See page DI-121)
M+ (E7-3) - E1 (E6-7) M- (E7-2) - E1 (E6-7)	W ↔ BR R ↔ BR	Idling	Pulse generation (See page DI-118)
SIL (E3-26) - E1 (E6-7)	W ↔ BR	IG switch ON	9 - 14
SP2+ (E6-23) - SP2- (E6-22)	L-Y ↔ R-L	Vehicle is driving	Pulse generation (See page DI-106)