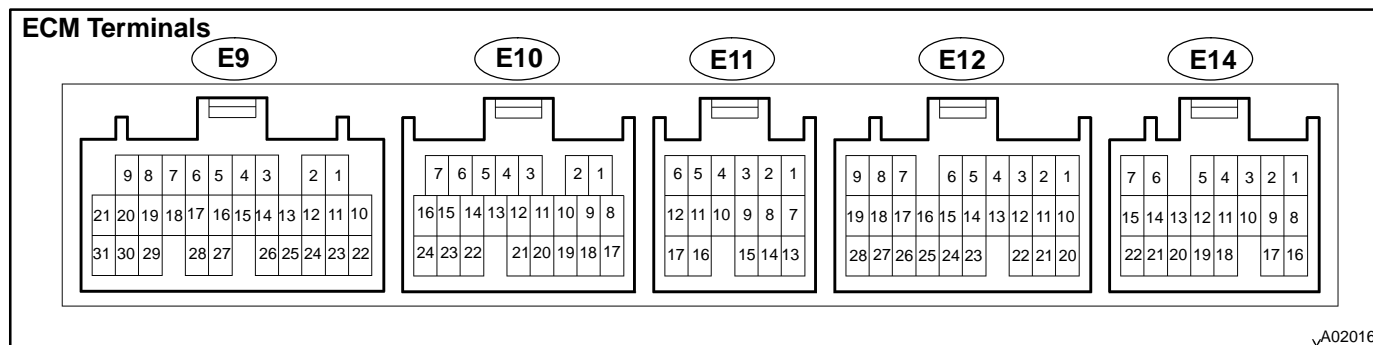


TERMINALS OF ECM



Symbols (Terminal No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E14-16) - E1 (E10-17)	L-R ↔ BR	Always	9 - 14
+B (E14-1) - E1 (E10-17)	W-L ↔ BR	IG switch ON	9 - 14
VC (E9-25) - E2 (E9-11)	G-B ↔ L-B	IG switch ON	4.5 - 5.5
VTA (E9-15) - E2 (E9-11)	B-Y ↔ L-B	IG switch ON, Throttle valve fully closed	0.3 - 1.0
		IG switch ON, Throttle valve fully open	2.7 - 5.2
VTA2 (E11-4) - E2 (E9-11)	G-Y ↔ L-B	IG switch ON, Throttle valve fully closed	0.3 - 1.0
		IG switch ON, Throttle valve fully open	2.7 - 5.2
VG (E9-12) - E2G (E9-10)	R-W ↔ B-W	Idling, A/C switch OFF	1.1 - 1.5
NE+ (E10-12) - NE- (E10-21)	L ↔ G	Idling	Pulse generation (See page DI-66)
G2 (E10-13) - NE- (E10-21)	R ↔ G	Idling	Pulse generation (See page DI-66)
THA (E9-13) - E2 (E9-11)	Y-G ↔ L-B	Idling, Intake air temp. 20°C (68°F)	0.5 - 3.4
THW (E9-18) - E2 (E9-11)	G ↔ L-B	Idling, Engine coolant temp. 80°C (176°F)	0.2 - 1.0
STA (E14-7) - E1 (E10-17)	B-W ↔ BR	Cranking	6.0 or more
#10 (E10-6) - E01 (E9-4) #20 (E10-5) - E01 (E9-4) #30 (E10-4) - E01 (E9-4) #40 (E10-3) - E01 (E9-4) #50 (E10-1) - E01 (E9-4) #60 (E10-8) - E01 (E9-4)	R ↔ W-B W ↔ W-B G ↔ W-B R-B ↔ W-B L ↔ W-B Y ↔ W-B	IG switch ON	9 - 14
IGT1 (E10-11) - E1 (E10-17)	B-L ↔ BR	Idling	Pulse generation (See page DI-57)
IGT2 (E10-10) - E1 (E10-17)	L-Y ↔ BR		
IGT3 (E10-9) - E1 (E10-17)	G-W ↔ BR		
IGF (E10-2) - E1 (E10-17)	B-Y ↔ BR	IG switch ON	4.5 - 5.5
		Idling	Pulse generation (See page DI-132)
FC (E14-22) - E01 (E9-4)	G-Y ↔ W-B	IG switch ON	9 - 14
		Idling	0 - 3.0
EVP1 (E10-14) - E01 (E9-4)	W-G ↔ W-B	IG switch ON	9 - 14
CCV (E10-19) - E01 (E9-4)	L-B ↔ W-B	IG switch ON	9 - 14
OX2B (E9-27) - E1 (E10-17)	B ↔ BR	Maintain engine speed at 2,500 rpm for 3 min. after warming up	Pulse generation (See page DI-70)
HT2B (E9-29) - E03 (E9-7)	G-Y ↔ W-B	Idling	Below 3.0
		IG switch ON	9 - 14
KNK1 (E9-23) - E1 (E10-17)	B ↔ BR	Idling	Pulse generation (See page DI-63)
KNK2 (E9-22) - E1 (E10-17)	GR ↔ BR		

DIAGNOSTICS - ENGINE (5VZ-FE)

NSW (E12-3) - E1 (E10-17)	B ↔ BR	IG switch ON, Other shift position in P, N	9 - 14
		IG switch ON, Shift position in P, N	0
TBP (E10-20) - E01 (E9-4)	R-Y ↔ W-B	IG switch ON, Disconnect vacuum hose from vapor pressure sensor	9 - 14
PTNK (E9-24) - E2 (E9-11)	Y ↔ L-B	IG switch ON	2.9 - 3.7
		IG switch ON, Apply vacuum 4.0 kPa (30 mmHg, 1.18 in.Hg)	0.5 or less
SIL (E14-14) - E1 (E10-17)	W ↔ BR	During transmission	Pulse generation
STP (E14-20) - E1 (E10-17)	G-W ↔ BR	IG switch ON, Brake pedal depressed	7.5 - 14
		IG switch ON, Brake pedal released	Below 1.5
AF1+ (E9-14) - E1 (E10-17)	W ↔ BR	IG switch ON	3.0 - 3.6
AF1- (E9-26) - E1 (E10-17)	B ↔ BR	IG switch ON	2.7 - 3.3
HAFF (E9-21) - E04 (E9-8)	L ↔ W-B	Idling	Below 3.0
		IG switch ON	9 - 14
KSW (E14-11) - E1 (E10-17)	Y-R ↔ BR	At time of inserting key	Below 1.5
		In condition without key inserted	4 - 5
CODE (E14-5) - E1 (E10-17)	GR-R ↔ BR	At time of inserting key	Pulse generation
IGSW (E14-15) - E1 (E10-17)	B-L ↔ BR	IG switch ON	9 - 14
TXCT (E14-19) - E1 (E10-17)	P-B ↔ BR	At time of inserting key	Pulse generation
IMLD (E14-12) - E1 (E10-17)	L ↔ BR	In condition without key inserted	Pulse generation
MREL (E14-4) - E1 (E10-17)	GR-B ↔ BR	IG switch ON	9 - 14