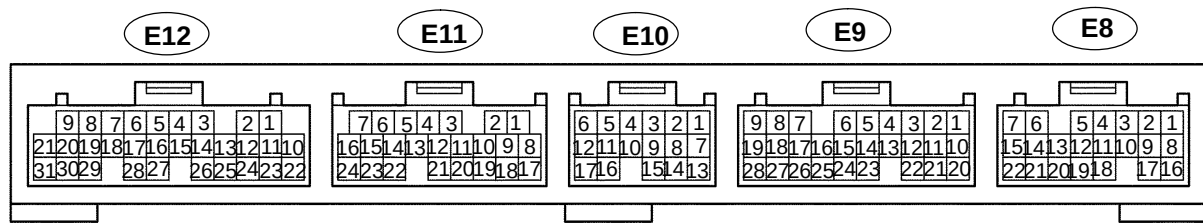


TERMINALS OF ECM



A02508

Symbols (Terminal No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E8-1) - E1 (E11-17)	R-B ↔ BR	Always	9 - 14
+B (E8-16) - E1 (E11-17)	B-R ↔ BR	IG switch ON	9 - 14
VC (E11-2) - E2 (E11-18)	Y ↔ W	IG switch ON	4.5 - 5.5
VTA1 (E11-23) - E2 (E11-18)	L-W ↔ W	IG switch ON, Throttle valve fully closed	0.3 - 1.0
		IG switch ON, Throttle valve fully open	2.7 - 5.2
VG (E11-10) - E2G (E11-19)	P ↔ R-B	Idling, A/C switch OFF	1.1 - 1.5
VV1+ (E12-10) - NE- (E11-24)	B ↔ W	Idling	Pulse generation (See page DI-130)
VV2+ (E12-22) - NE- (E11-24)	O ↔ W		
NE+ (E11-16) - NE- (E11-24)	B-W ↔ W	Idling	Pulse generation (See page DI-130)
OC1+ (E12-6) - OC1- (E12-5)	R-B ↔ L-B	IG switch ON	Pulse generation (See page DI-123)
OC2+ (E12-29) - OC2- (E12-18)	R ↔ B-W		
THA (E11-22) - E2 (E11-18)	L-Y ↔ W	Idling, Intake air temp. 20°C (68°F)	0.5 - 3.4
THW (E11-14) - E2 (E11-18)	G-B ↔ W	Idling, Engine coolant temp. 80°C (176°F)	0.2 - 1.0
STA (E8-7) - E1 (E11-17)	GR ↔ BR	Cranking	6.0 or more
#10 (E11-5) - E01 (E12-21)	W ↔ W-B	IG switch ON	9 - 14
#20 (E11-6) - E01 (E12-21)	B ↔ W-B		
#30 (E12-1) - E01 (E12-21)	B ↔ W-B	Idling	Pulse generation (See page DI-57)
#40 (E12-2) - E01 (E12-21)	L ↔ W-B		
#50 (E12-3) - E01 (E12-21)	R ↔ W-B		
#60 (E12-4) - E01 (E12-21)	G ↔ W-B		
IGT1 (E12-11) - E1 (E11-17)	L-R ↔ BR	Idling	Pulse generation (See page DI-115)
IGT2 (E12-12) - E1 (E11-17)	G-R ↔ BR		
IGT3 (E12-13) - E1 (E11-17)	W-R ↔ BR		
IGT4 (E12-14) - E1 (E11-17)	B-R ↔ BR		
IGT5 (E12-15) - E1 (E11-17)	L-W ↔ BR		
IGT6 (E12-16) - E1 (E11-17)	G-B ↔ BR		
IGF (E12-25) - E1 (E11-17)	B ↔ BR	IG switch ON	4.5 - 5.5
		Idling	Pulse generation (See page DI-115)
ACIS (E12-17) - E01 (E12-21)	R-Y ↔ W-B	IG switch ON	9 - 14
FC (E8-3) - E01 (E12-21)	LG-R ↔ W-B	IG switch ON	9 - 14
		Idling	0 - 3.0
RSO (E12-26) - E01 (E12-21)	R-W ↔ W-B	IG switch ON, Disconnect E12 connector from ECM	9 - 14

OXS (E9-8) - E1 (E11-17)	W ↔ BR	Maintain engine speed at 2,500 rpm for 3 min. after warming up	Pulse generation (See page DI-48)
HTS (E9-9) - E03 (E12-30)	L-W ↔ W-B	Idling	Below 3.0
		IG switch ON	9 - 14
KNKR (E12-27) - E1 (E11-17)	W ↔ BR	Idling	Pulse generation (See page DI-62)
KNKL (E12-28) - E1 (E11-17)	W ↔ BR		
NSW (E9-20) - E1 (E11-17)	B-W ↔ BR	IG switch ON, Other shift position in P, N	9 - 14
		IG switch ON, shift position in P, N	0 - 3.0
SPD (E9-22) - E1 (E11-17)	V-Y ↔ BR	IG switch ON, Rotate driving wheel slowly	0 - 5
TC (E8-5) - E1 (E11-17)	P-B ↔ BR	IG switch ON	9 - 14
W (E9-6) - E1 (E11-17)	B-L ↔ BR	IG switch ON	Below 3.0
EVP1 (E11-7) - E01 (E12-21)	LG ↔ W-B	IG switch ON	9 - 14
CCV (E8-10) - E01 (E12-21)	BR-R *1 BR-B *2 ↔ W-B	IG switch ON	9 - 14
PS (E11-9) - E1 (E11-17)	B-L ↔ BR	IG switch ON	9 - 14
CF (E9-26) - E1 (E11-17)	G-W ↔ BR	Electric cooling fan is operating on high speed	9 - 14
		Electric cooling fan is operating on low speed or OFF	0 - 2
TACH (E9-27) - E1 (E11-17)	LG-B ↔ BR	Idling	Pulse generation
TBP (E9-3) - E01 (E12-21)	W-R ↔ W-B	IG switch ON, Disconnect vacuum hose from VSV for pressure switching valve	9 - 14
PTNK (E8-17) - E1 (E11-17)	L-R ↔ BR	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 (E8-4) - E1 (E8-17)	R ↔ BR	During transmission	Pulse generation
STP (E8-15) - E1 (E11-17)	G-W ↔ BR	IG switch ON, Brake pedal depressed	7.5 - 14
		IG switch ON, Brake pedal released	Below 1.5
AFR+ (E11-11) - E1 (E11-17)	BR ↔ BR	IG switch ON	3.0 - 3.6
AFL+ (E8-12) - E1 (E11-17)	L ↔ BR		
AFR- (E11-20) - E1 (E11-17)	B-R ↔ BR	IG switch ON	2.7 - 3.3
AFL- (E11-21) - E1 (E11-17)	B-W ↔ BR		
HAFL (E11-4) - E05 (E11-8)	L ↔ W-B	IG switch ON	9 - 14
KSW (E9-23) - E1 (E11-17)	L-B ↔ BR	At time of inserting key	Below 1.5
		In condition without key inserted	4 - 5
RXCK (E9-19) - E1 (E11-17)	BR-R ↔ BR	At time of inserting key	Pulse generation
CODE (E9-28) - E1 (E11-17)	BR-W ↔ BR	At the time of inserting the key	Pulse generation
IGSW (E8-2) - E1 (E11-17)	B-O ↔ BR	IG switch ON	9 - 14
TXCT (E9-18) - E1 (E11-17)	BR-Y ↔ BR	At time of inserting key	Pulse generation
IMLD (E8-22) - E1 (E11-17)	R-W ↔ BR	In condition without key inserted	Pulse generation
MREL (E8-8) - E1 (E11-17)	Y-G ↔ BR	IG switch ON	9 - 14

*1 : w/o VSC

*2 : w/ VSC