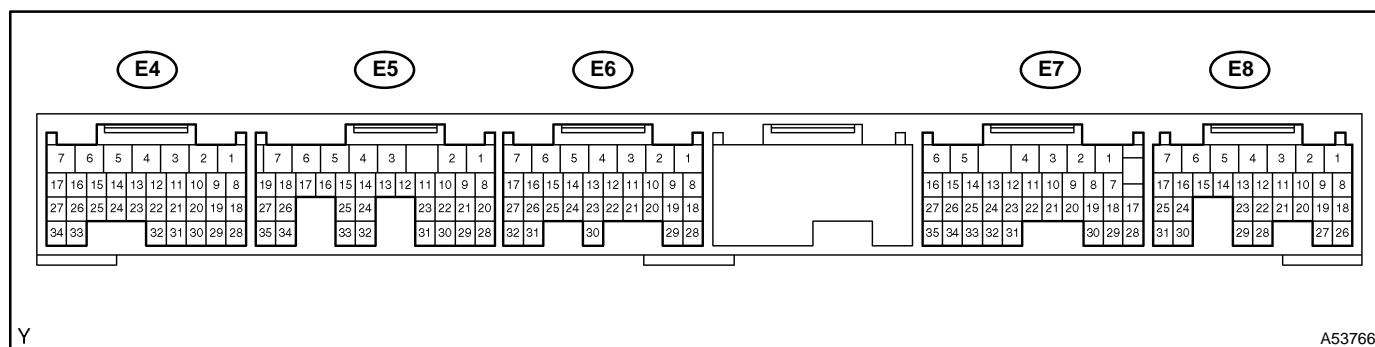# TERMINALS OF ECM

05286-05

Y   A53766

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E8-3) ⇔ E1 (E6-1)	L ⇔ BR	Always	9 - 14
+BM (E7-6) ⇔ E1 (E6-1)	GR ⇔ BR		
IGSW (E8-9) ⇔ E1 (E6-1)	B-O ⇔ BR	IG switch ON	9 - 14
+B (E8-1) ⇔ E1 (E6-1)	B ⇔ BR		
+B2 (E8-2) ⇔ E1 (E6-1)	B ⇔ BR		
MREL (E8-8) ⇔ E1 (E6-1)	W-G ⇔ BR	IG switch ON	9 - 14
VC (E4-18) ⇔ E2 (E4-28)	L-R ⇔ BR	IG switch ON	4.5 - 5.5
VG (E4-30) ⇔ E2G (E4-29)	W-R ⇔ B-W	Idling, shift lever position P or N position, A/C switch OFF	0.5 - 3.0
THA (E4-20) ⇔ E2 (E4-28)	Y-B ⇔ BR	Idling, Intake air temp. 20˚C (68˚F)	0.5 - 3.4
THW (E4-19) ⇔ E2 (E4-28)	R-L ⇔ BR	Idling, Engine coolant temp. 80˚C (176˚F)	0.2 - 1.0
VTA1 (E4-21) ⇔ E2 (E4-28)	Y ⇔ BR	IG switch ON, Accelerator pedal released	0.5 - 1.2
		IG switch ON, Accelerator pedal depressed	3.2 - 4.8
VTA2 (E4-31) ⇔ E2 (E4-28)	R-B ⇔ BR	IG switch ON, Accelerator pedal released	2.1 - 3.1
		IG switch ON, Accelerator pedal depressed	4.5 - 5.5
VPA (E8-22) ⇔ EPA (E8-28)	W-R ⇔ LG-B	IG switch ON, Accelerator pedal released	0.5 - 1.1
		IG switch ON, Accelerator pedal depressed	2.6 - 4.5
VPA2 (E8-23) ⇔ EPA2 (E8-29)	R-B ⇔ V-W	IG switch ON, Accelerator pedal released	1.2 - 2.0
		IG switch ON, Accelerator pedal depressed	3.4 - 5.3
VCPA (E8-26) ⇔ EPA (E8-28)	B-Y ⇔ LG-B	IG switch ON	4.5 - 5.5
VCP2 (E8-27) ⇔ EPA2 (E8-29)	W-L ⇔ V-W	IG switch ON	4.5 - 5.5
OX1A (E5-23) ⇔ E1 (E6-1)	R ⇔ BR	Maintain engine speed at 2,500 rpm for 2 minutes after warming up	Pulse generation (See page 05-130)
OX1B (E5-29) ⇔ E1 (E6-1)	B ⇔ BR		
OX2A (E5-22) ⇔ E1 (E6-1)	G ⇔ BR		
OX2B (E5-21) ⇔ E1 (E6-1)	W ⇔ BR		
HT1A (E5-4) ⇔ E1 (E6-1)	LG ⇔ BR	Idling	Below 3.0
HT1B (E5-5) ⇔ E1 (E6-1)	G-Y ⇔ BR		
HT2A (E5-33) ⇔ E1 (E6-1)	B-L ⇔ BR	IG switch ON	9 - 14
HT2B (E5-25) ⇔ E1 (E6-1)	P ⇔ BR		
#1 (E4-1) ⇔ E01 (E4-7)	R-L ⇔ W-B	IG switch ON	9 - 14
#2 (E4-2) ⇔ E01 (E4-7)	L ⇔ W-B		
#3 (E4-3) ⇔ E01 (E4-7)	W ⇔ W-B		
#4 (E4-4) ⇔ E01 (E4-7)	Y ⇔ W-B	Idling	Pulse generation (See page 05-99)
#5 (E4-5) ⇔ E01 (E4-7)	G ⇔ W-B		
#6 (E5-3) ⇔ E01 (E4-7)	R ⇔ W-B		
#7 (E6-6) ⇔ E01 (E4-7)	W ⇔ W-B		
#8 (E6-5) ⇔ E01 (E4-7)	BR ⇔ W-B		
KNK1 (E5-1) ⇔ E1 (E6-1)	B ⇔ BR	Maintain engine speed at 4,000 rpm after warming up	Pulse generation (See page 05-112)
KNK2 (E5-2) ⇔ E1 (E6-1)	W ⇔ BR		

Terminals	Wiring	Condition	Value
G2+ (E6-27) ⇔ G2- (E6-32)	B ⇔ W	Idling	Pulse generation (See page 05-116)
NE+ (E6-25) ⇔ NE- (E6-24)	L ⇔ Y		
PRG (E4-34) ⇔ E1 (E6-1)	Y-R ⇔ BR	IG switch ON	9 - 14
PTNK (E8-21) ⇔ E2 (E4-28)	O ⇔ BR	Ignition switch ON	2.9 - 3.7
		Apply vacuum 4.0 kPa (30 mmHG, 1.18 in.Hg)	Below 0.5
SPD (E7-17) ⇔ E1 (E6-1)	V-R ⇔ BR	IG switch ON, Rotate driving wheel slowly	Pulse generation (See page 05-163)
M+ (E6-3) ⇔ E1 (E6-1)	R ⇔ BR	Idling	Pulse generation (See page 05-182)
M- (E6-2) ⇔ E1 (E6-1)	G ⇔ BR		
FPR (E4-33) ⇔ E1 (E6-1)	G-R ⇔ BR	IG switch ON	0 - 3.0
FC (E8-10) ⇔ E1 (E6-1)	GR-B ⇔ BR	IG switch ON	9 - 14
IGT1 (E4-9) ⇔ E1 (E6-1)	LG ⇔ BR	Idling	Pulse generation (See page 05-122)
IGT2 (E4-8) ⇔ E1 (E6-1)	LG-B ⇔ BR		
IGT3 (E4-25) ⇔ E1 (E6-1)	L-W ⇔ BR		
IGT4 (E4-11) ⇔ E1 (E6-1)	L-Y ⇔ BR		
IGT5 (E4-12) ⇔ E1 (E6-1)	B-L ⇔ BR		
IGT6 (E4-26) ⇔ E1 (E6-1)	G ⇔ BR		
IGT7 (E4-13) ⇔ E1 (E6-1)	G-W ⇔ BR		
IGT8 (E4-10) ⇔ E1 (E6-1)	G-B ⇔ BR		
IGF1 (E4-24) ⇔ E1 (E6-1)	R-Y ⇔ BR	IG switch ON	4.5 - 5.5
IGF2 (E4-23) ⇔ E1 (E6-1)	R-W ⇔ BR	Idling	Pulse generation (See page 05-122)
STP (E7-19) ⇔ E1 (E6-1)	G-Y ⇔ BR	Brake pedal is depressed	7.5 - 14
		Brake pedal is released	Below 1.5
NSW (E4-16) ⇔ E1 (E6-1)	P ⇔ BR	IG switch ON, Other shift position in P, N	9 - 14
		IG switch ON, Shift position in P, N	0 - 3.0
W (E8-11) ⇔ E1 (E6-1)	R-B ⇔ BR	Idling	9 - 14
		IG switch ON	Below 3.0
ST1- (E7-12) ⇔ E1 (E6-1)	R-L ⇔ BR	IG switch ON, Brake pedal is depressed	Below 1.5
		IG switch ON, Brake pedal is released	7.5 - 14
SIL (E8-18) ⇔ E1 (E6-1)	R-Y ⇔ BR	During charge of gears	Pulse generation
ELS (E8-12) ⇔ E1 (E6-1)	L-R ⇔ BR	Taillight switch ON, Defogger switch ON	7.5 - 14
		Taillight switch OFF, Defogger switch OFF	0 - 1.5
TACH (E8-5) ⇔ E1 (E6-1)	B-W ⇔ BR	Idling	Pulse generation
TC (E8-20) ⇔ E1 (E6-1)	P-L ⇔ BR	IG switch ON	9 - 14
STA (E4-17) ⇔ E1 (E6-1)	B-Y ⇔ BR	Shift lever position P or N, Ignition switch START	9 - 14
STAR (E5-9) ⇔ E1 (E6-1)	P ⇔ BR	Shift lever position P or N, Ignition switch START	9 - 14
STSW (E6-12) ⇔ E1 (E6-1)	L-Y ⇔ BR	Shift lever position P or N, Ignition switch START	9 - 14