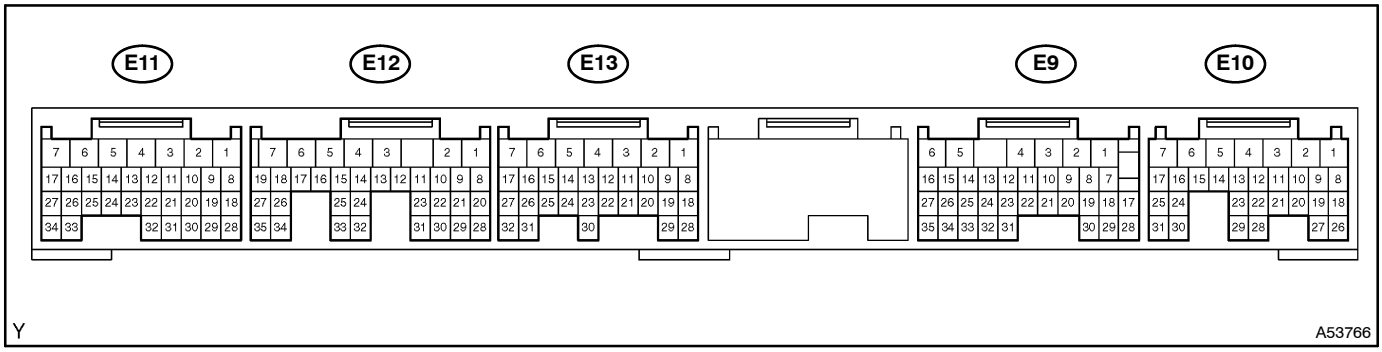
054KK–03

TERMINALS OF ECM



Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E10–3) – E1 (E13–1)	L – BR	Always	9 to 14
+BM (E9–6) – E1 (E13–1)	L–B – BR		
IGSW (E10–9) – E1 (E13–1)	B–O – BR	IG switch ON	9 to 14
+B (E10–1) – E1 (E13–1)	B – BR		
+B1 (E10–2) – E1 (E13–1)	B – BR		
OC1+ (E13–16) – OC1– (E13–15)	G–Y – L–B	IG switch ON	Pulse generation (See page 05–34)
OC2+ (E13–14) – OC2– (E13–13)	L–W – L–R		
MREL (E10–8) – E1 (E13–1)	W–G – BR	IG switch ON	9 to 14
VC (E11–18) – E2 (E11–28)	W–L – BR	IG switch ON	4.5 to 5.5
VG (E11–30) – E2G (E11–29)	W–R – R–W	Idling, shift lever position P or N position, A/C switch OFF	0.5 to 3.0
THA (E11–20) – E2 (E11–28)	B–R – BR	Idling, Intake air temp. 20°C (68°F)	0.5 to 3.4
THW (E11–19) – E2 (E11–28)	R–L – BR	Idling, Engine coolant temp. 80°C (176°F)	0.2 to 1.0
VTA1 (E11–21) – E2 (E11–28)	G–B – BR	IG switch ON, Accelerator pedal released	0.5 to 1.2
		IG switch ON, Accelerator pedal depressed	3.2 to 4.8
VTA2 (E11–31) – E2 (E11–28)	G–W – BR	IG switch ON, Accelerator pedal released	2.1 to 3.1
		IG switch ON, Accelerator pedal depressed	4.5 to 5.5
VPA (E10–22) – EPA (E10–28)	W–L – BR–W	IG switch ON, Accelerator pedal released	0.5 to 1.1
		IG switch ON, Accelerator pedal depressed	2.6 to 4.5
VPA2 (E10–23) – EPA2 (E10–29)	GR–G – BR–Y	IG switch ON, Accelerator pedal released	1.2 to 2.0
		IG switch ON, Accelerator pedal depressed	3.4 to 5.3
VCPA (E10–26) – EPA (E10–28)	LG–R – BR–W	IG switch ON	4.5 to 5.5
VCP2 (E10–27) – EPA2 (E10–29)	BR–R – BR–Y	IG switch ON	4.5 to 5.5
HAFR (E12–5) – E04 (E12–7)	R–L – W–B	Idling	Below 3.0
HAFL (E12–4) – E05 (E12–6)	B–W – W–B	IG switch ON	9 to 14
AFR+ (E12–22) – E1 (E13–1)	P – W–B	IG switch ON	3.0 to 3.6
AFL+ (E12–23) – E1 (E13–1)	Y – W–B		
AFR– (E12–30) – E1 (E13–1)	L – BR	IG switch ON	2.7 to 3.3
AFL– (E12–31) – E1 (E13–1)	L – BR		
HT1B (E12–25) – E03 (E13–7)	G–R – W–B	Idling	Below 3.0
HT2B (E12–33) – E03 (E13–7)	L – W–B	IG switch ON	9 to 14
OX1B (E12–21) – E2 (E11–28)	R – BR	Maintain engine speed at 2,500 rpm for 2 minutes after warming up	Pulse generation
OX2B (E12–29) – E2 (E11–28)	G – BR		

#10 (E11–1) – E01 (E11–7) #20 (E11–2) – E01 (E11–7) #30 (E11–3) – E01 (E11–7) #40 (E11–4) – E01 (E11–7) #50 (E11–5) – E01 (E11–7) #60 (E12–3) – E01 (E11–7)	W – W–B B – W–B R – W–B G – W–B Y – W–B L – W–B	IG switch ON	9 to 14
		Idling	Pulse generation (See page 05–105)
KNK1 (E12–1) – EKNK (E12–28)	B – W	Maintain engine speed at 4,000 rpm after warming up	Pulse generation (See page 05–117)
KNK2 (E12–2) – EKN2 (E12–20)	G – R		
VV1+ (E13–27) – NE– (E13–24)	R – W	Idling	Pulse generation (See page 05–122)
VV2+ (E13–26) – NE– (E13–24)	R – W		
NE+ (E13–25) – NE– (E13–24)	B – W		
IGT1 (E11–8) – E1 (E13–1) IGT2 (E11–9) – E1 (E13–1) IGT3 (E11–10) – E1 (E13–1) IGT4 (E11–11) – E1 (E13–1) IGT5 (E11–12) – E1 (E13–1) IGT6 (E11–13) – E1 (E13–1)	P – BR P–L – BR LG – BR LG–B – BR GR – BR L – BR	Idling	Pulse generation (See page 05–129)
IGF (E11–24) – E1 (E13–1)	L–Y – BR	IG switch ON	4.5 to 5.5
		Idling	Pulse generation (See page 05–129)
EVP1 (E11–34) – E1 (E13–1)	R–G – BR	IG switch ON	9 to 14
SPD (E9–17) – E1 (E13–1)	V–R – BR	IG switch ON, Rotate driving wheel slowly	Pulse generation (See page 05–142)
M+ (E13–3) – ME01 (E13–4) M– (E13–2) – ME01 (E13–4)	P – W–B L – W–B	Idling	Pulse generation
STP (E9–19) – E1 (E13–1)	G–Y – BR	Brake pedal is depressed	7.5 to 14
		Brake pedal is released	Below 1.5
ST1– (E9–12) – E1 (E13–1)	R–L – BR	IG switch ON, Brake pedal is depressed	Below 1.5
		IG switch ON, Brake pedal is released	7.5 to 14
NSW (E11–16) – E1 (E13–1)	L–Y – BR	IG switch ON, Other shift position in P, N	9 to 14
		IG switch ON, Shift position in P, N	0 to 3.0
STA (E11–17) – E1 (E13–1)	B–Y – BR	Shift lever position P or N, Ignition switch START	9 to 14
STAR (E12–9) – E1 (E13–1)	L–Y – BR	Shift lever position P or N, Ignition switch START	9 to 14
STSW (E13–12) – E1 (E13–1)	L–Y – BR	Shift lever position P or N, Ignition switch START	9 to 14
FPR (E11–33) – E1 (E13–1)	L–B – BR	IG switch ON	0 to 3.0
FC (E10–10) – E1 (E13–1)	GR–B – BR	IG switch ON	9 to 14
W (E10–11) – E1 (E13–1)	R–B – BR	Idling	9 to 14
		IG switch ON	Below 3.0
ELS (E10–12) – E1 (E13–1)	Y–G – BR	Defogger switch ON	7.5 to 14
		Defogger switch OFF	0 to 1.5
ELS2 (E10–13) – E1 (E13–1)	G – BR	Taillight switch ON	7.5 to 14
		Taillight switch OFF	0 to 1.5
TC (E10–20) – E1 (E13–1)	P–L – BR	IG switch ON	9 to 14
SIL (E10–18) – E1 (E13–1)	R–Y – BR	During charge of gears	Pulse generation
TACH (E10–5) – E1 (E13–1)	B–W – BR	Idling	Pulse generation