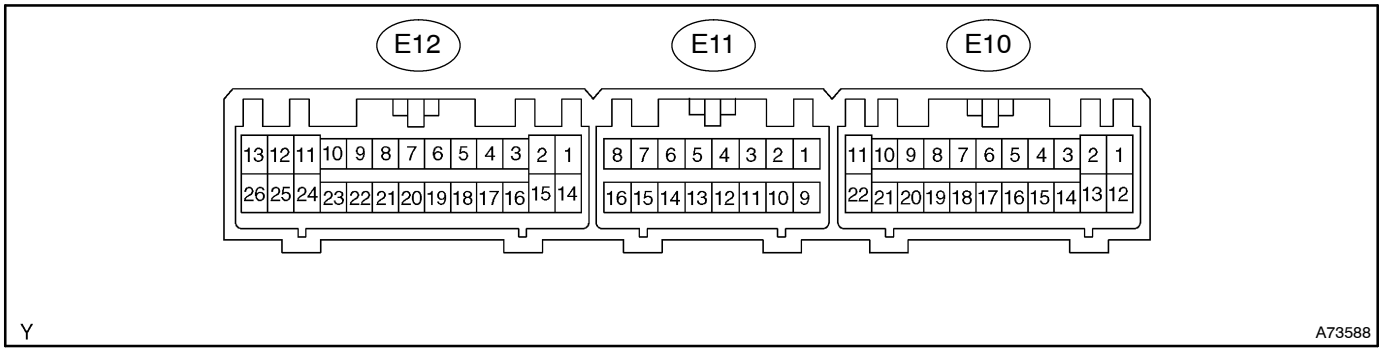
05AD1–02

TERMINALS OF ECM



Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E10–1) – E1 (E12–24)	L – BR	Always	9 – 14
+B (E10–12) – E1 (E12–24)	B – BR	Ignition switch ON	9 – 14
VC (E11–11) – E2 (E11–9)	L–R – BR	Ignition switch ON	4.5 – 5.5
VTA (E11–10) – E2 (E11–9)	Y – BR	Ignition switch ON Throttle valve fully released	0.3 – 1.0
		Ignition switch ON Throttle valve fully depressed	3.2 – 4.9
PIM (E11–2) – E2 (E11–9)	L–B – BR	Ignition switch ON	3.3 – 3.9
		Apply vacuum 24.7 kPa (200 mmHg, 7.9 in.Hg)	2.5 – 3.1
THW (E11–4) – E2 (E11–9)	R–L – BR	Idling, engine coolant temperature 80°C (176°F)	0.2 – 1.0
THA (E11–3) – E2 (E11–9)	B–L – BR	Idling, intake air temperature 20°C (68°F)	0.5 – 3.4
NE+ (E12–4) – NE– (E12–17)	B – W	Idling	Pulse generation (See page 05–17)
SPD (E10–9) – E1 (E12–24)	V–R – BR	Ignition switch ON Rotate driving wheel slowly	Pulse generation
IGT1 (E12–23) – E1 (E12–24)	B–R – BR	Idling	Pulse generation (See page 05–55)
IGT2 (E12–22) – E1 (E12–24)	L–Y – BR	Idling	Pulse generation (See page 05–55)
#10 (E12–12) – E01 (E12–13)	R–L – W–B	Ignition switch ON	9 – 14
		Idling	Pulse generation (See page 05–60)
W (E10–3) – E1 (E12–24)	R–B – BR	Idling	9 – 14
		Ignition switch ON	Below 3.0
*1 NSW (E12–15) – E1 (E12–24)	L–Y – BR	Ignition switch ON Other shift position P or N position	9 – 14
		Ignition switch ON Shift position P or N position	0 – 3
RSD (E12–10) – E1 (E12–24)	B–L – BR	Ignition switch ON Disconnect ECM E8 connector	9 – 14
STA (E12–2) – E1 (E12–24)	B–Y – BR	Cranking	6.0 or more
*1 STP (E10–6) – E1 (E12–24)	G–Y – BR	Brake pedal is depressed	7.5 – 14
		Brake pedal is released	Below 1.5
KNK (E11–14) – E1 (E12–24)	B – BR	Idling	pulse generation (See page 05–41)
AC1 (E10–10) – E1 (E12–24)	Y–R – BR	Idling, A/C switch OFF	9 – 14
		Idling, A/C switch ON	Below 2.0
ACT (E10–20) – E1 (E12–24)	Y–G – BR	Idling, A/C switch ON	9 – 14
		Idling, A/C switch OFF	Below 2.0

ELS (E10–21) – E1 (E12–24)	L–R – BR	Defogger switch and taillight switch ON	7.5 – 14
		Defogger switch and taillight switch OFF	Below 1.5
FC (E10–14) – E1 (E12–24)	GR–B – BR	Ignition switch ON	9 – 14
VAF (E11–6) – E2 (E11–9)	Y–R – BR	Ignition switch ON	2.0 – 3.5
PS (E11–16) – E1 (E12–24)	G–Y – BR	Idling, steering wheel is center position	9 – 14
		Idling, turn steering wheel	Below 1.5
TE1 (E11–15) – E1 (E12–24)	L–W – BR	Ignition switch ON	4.5 – 5.5
TE2 (E11–7) – E1 (E12–24)	LG–B – BR	Ignition switch ON	4.5 – 5.5
TACO (E10–7) – E1 (E12–24)	B–W – BR	Idling	Pulse generation
THWO (E10–15) – E1 (E12–24)	P–B – BR	Ignition switch ON	Pulse generation

HINT:
*1: A/T