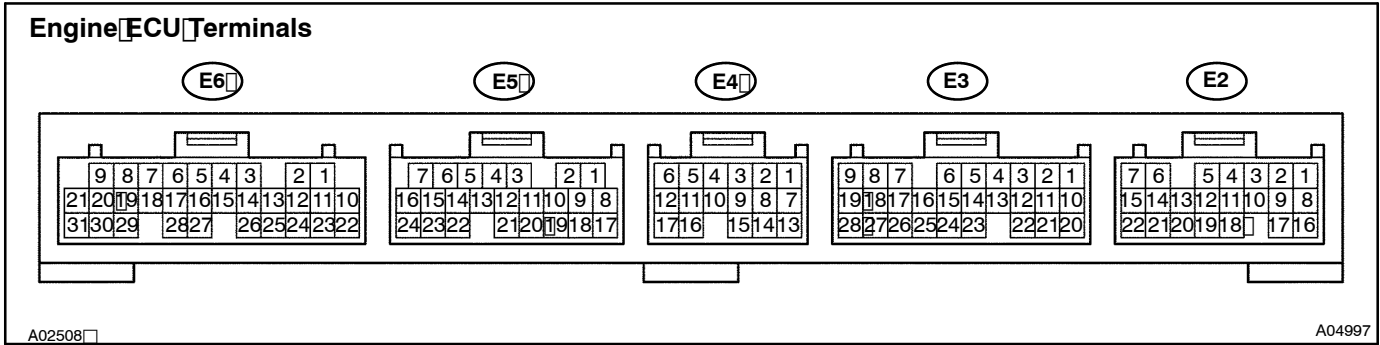


# TERMINALS OF ECU



Symbols (Terminal No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E2-1) - E1 (E5-17)	B-Y → BR	Always	9 - 14
BM (E2-7) - E1 (E5-17)	L-W → BR	Always	9 - 14
IGSW (E2-9) - E1 (E5-17)	B-O → BR*1 B-R → BR*2	IG switch ON	9 - 14
+B (E2-10) - E1 (E5-17)	B-R → BR		
+B2 (E2-8) - E1 (E5-17)	B-R → BR		
VC (E5-2) - E2 (E5-10)	L-Y → BR	IG switch ON	4.5 - 5.5
VTA (E5-23) - E2 (E5-10)	W-R → BR	IG switch ON, Accelerator pedal fully closed	0.4 - 1.0
		IG switch ON, Accelerator pedal fully open	3.2 - 4.8
VTA2 (E5-24) - E2 (E5-10)	R-B → BR	IG switch ON, Accelerator pedal fully closed	2.0 - 2.9
		IG switch ON, Accelerator pedal fully open	4.6 - 5.1
VPA (E5-10) - E2 (E5-10)	LG-B → BR	IG switch ON, Accelerator pedal fully closed	0.3 - 0.9
		IG switch ON, Accelerator pedal fully open	3.2 - 4.8
VPA2 (E5-10) - E2 (E5-10)	L-W → BR	IG switch ON, Accelerator pedal fully closed	1.8 - 2.7
		IG switch ON, Accelerator pedal fully open	4.7 - 5.1
PIM (E5-9) - E2 (E5-10)	G-R → BR	IG switch ON, Apply vacuum 26.7 kPa (200 mmHg, 7.9 in. Hg)	3.3 - 3.9
THA (E5-22) - E2 (E5-10)	Y → BR	Idling, Intake air temp. 20 °C (68 °F)	0.5 - 3.4
THW (E5-10) - E2 (E5-10)	R → BR	Idling, Water temp. 30 °C (86 °F)	0.2 - 1.0
STA (E3-2) - E1 (E5-17)	B → BR	Shift lever position P or N, Ignition switch START	6.0 or more
#10 (E5-5) - E01 (E6-21) #20 (E5-6) - E01 (E6-21) #30 (E6-1) - E01 (E6-21) #40 (E6-2) - E01 (E6-21) #50 (E6-3) - E01 (E6-21) #60 (E6-4) - E01 (E6-21)	R → W-R L → W-B G → W-B R-W → W-B L-R → W-B B-W ↔ W-B	IG switch ON  Idling	9 - 14  Pulse generation (See page DI-72)
IGT1 (E6-11) - E1 (E5-17) IGT2 (E6-12) - E1 (E5-17) IGT3 (E6-13) - E1 (E5-17) IGT4 (E6-14) - E1 (E5-17) IGT5 (E6-15) - E1 (E5-17) IGT6 (E6-16) - E1 (E5-17)	B-R ↔ BR Y-R ↔ BR G ↔ BR L-R ↔ BR L-Y ↔ BR W ↔ BR	Idling	Pulse generation (See page DI-114)
IGF (E6-25) - E1 (E5-17)	Y ↔ BR	IG switch ON	4.5 - 5.5
		Idling	Pulse generation (See page DI-114)
G2 (E6-10) - NE- (E5-22)	G ↔ L	Idling	Pulse generation (See page DI-81)
NE+ (E6-23) - NE- (E5-22)	B-W ↔ L		
MERL (E2-10) - E1 (E5-17)	B-O ↔ BR	IG switch ON	9 - 14

FC(E2-17) - F1(E5-17)	G-Y → BR	IG switch ON	9 - 14
STP(E3-6) - F1(E5-17)	G=W → BR	Brake pedal is depressed	7.5 - 14
		Brake pedal is released	Below 1.5
PRG(E5-7) - F1(E5-17)	GR → BR	IG switch ON	9 - 14
OX1A(E5-19) - F1(E5-17) OX2A(E5-20) - F1(E5-17) OX1B(E3-8) - F1(E5-17)	W → BR B → BR W → BR	Maintain engine speed at 2,500 rpm for 2 minutes after warming up	Pulse generation (See page DI-53)
HT1A(E5-4) - F1(E5-17) HT2A(E5-3) - F1(E5-17) HT1B(E3-9) - F1(E5-17)	LG → BR G=B → BR R-W → BR	Idling IG switch ON	Below 3.0 9 - 14
KNK1(E6-28) - F1(E5-17)	B → BR	Maintain engine speed at 4,000 rpm after warming up	Pulse generation (See page DI-78)
KNK2(E6-27) - F1(E5-17)	W → BR*1 GR → BR*2		
TC(E3-5) - F1(E5-17)	R-W → BR*1 Y-G → BR*2	IG switch ON	9 - 14
W(E2-6) - F1(E5-17)	R=L → BR	Idling	9 - 14
		IG switch ON	Below 3.0
ACMG(E3-19) - F1(E5-17)	L=W → BR	A/C switch ON (At Idling)	Below 3.0
		A/C switch OFF	9 - 14
ENG+(E2-14) - ENG-(E2-21)	L → P	Idling	Pulse generation
TRC+(E2-19) - TRC-(E2-20)	R → W		
OCV+(E6-19) - OCV-(E6-17)	W-R → Y-B	IG switch ON	Pulse generation (See page DI-123)
ACIS(E6-5) - F01(E6-17)	Y=G → W-B	IG switch ON	9 - 14
		Engine speed between 2,500 rpm and 4,000 rpm	Below 3.0
CL+(E6-20) - CL-(E6-19)	R → Y	Idling	Pulse generation (See page DI-103)
M+(E6-8) - ME01(E6-9) M-(E6-7) - ME01(E6-9)	B-W → BR L → BR	Idling	Pulse generation (See page DI-103)
SIL(E3-23) - F1(E5-17)	W → BR		
SP2+(E4-5) - SP2-(E4-11)	L-Y → R-L	Vehicle is driving	Pulse generation (See page DI-91)

\*1 LHD

\*2 RHD