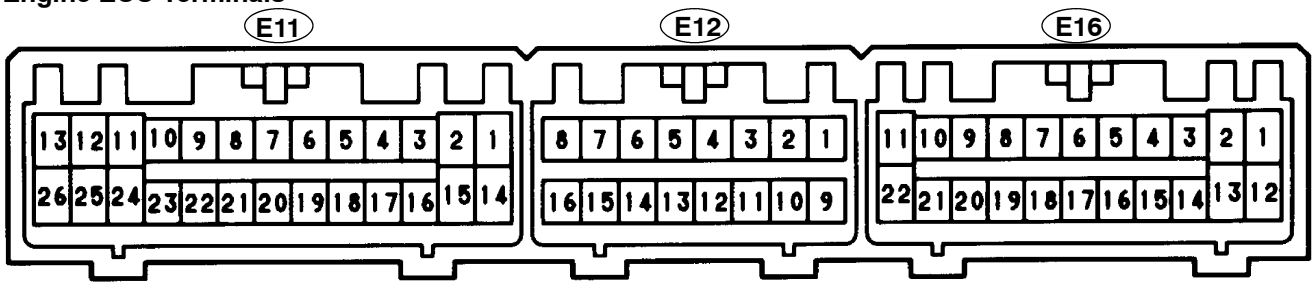
DI1I9–09

TERMINALS OF ECU

Engine ECU Terminals



Symbols (Terminal No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E16–1) – E1 (E11–14)	R–Y ↔ BR	Always	9 – 14
+B (E16–12) – E1 (E11–14)	Y ↔ BR	IG switch ON	9 – 14
VC (E12–1) – E2 (E12–9)	L–R ↔ BR	IG switch ON	4.5 – 5.5
VTA (E12–11) – E2 (E12–9)	R–Y ↔ BR	IG switch ON, Throttle valve fully closed	0.3 – 1.0
		IG switch ON, Throttle valve fully open	3.2 – 4.9
PIM (E12–2) – E2 (E12–9)	P–L ↔ BR	IG switch ON	3.3 – 3.9
		Apply vacuum 26.7 kPa (200 mmHg, 7.9 in.Hg)	2.5 – 3.1
THA (E12–3) – E2 (E12–9)	Y–B ↔ BR	Idling, Intake air temp. 20°C (68°F)	0.5 – 3.4
THW (E12–4) – E2 (E11–9)	G–B ↔ BR	Idling, Engine coolant temp. 80°C (176°F)	0.2 – 1.0
STA (E16–11) – E1 (E11–14)	B–W ↔ BR	Cranking	6.0 or more
#10 (E11–12) – E01 (E11–13) #20 (E11–11) – E01 (E11–13) #30 (E11–25) – E01 (E11–13)	Y ↔ W–B G ↔ W–B Y–B ↔ W–B	IG switch ON	9 – 14
		Idling	Pulse generation (See page DI–66)
IGT1 (E11–20) – E1 (E11–14)	B ↔ BR	Idling	Pulse generation (See page DI–60)
IGT2 (E11–19) – E1 (E11–14)	R ↔ BR		
IGT3 (E11–18) – E1 (E11–14)	L ↔ BR		
IGF1 (E11–3) – E1 (E11–14)	B ↔ BR	IG switch ON	Below 2.0
		Idling	Pulse generation (See page DI–60)
SIL (E12–10) – E1 (E11–14)	V–R ↔ BR*1 V–W ↔ BR*2	During transmission	Pulse generation
TAC (E11–8) – E1 (E11–14)	B ↔ BR	Idling	Pulse generation
G2 (E11–5) – NE– (E11–17)	R ↔ Y	Idling	Pulse generation (See page DI–44)
NE (E11–4) – NE– (E11–17)	L ↔ Y	Idling	Pulse generation (See page DI–44)
FC (E16–4) – E1 (E11–14)	R–W ↔ BR	IG switch ON	9 – 14
RSD (E11–10) – E1 (E11–14)	V ↔ BR	Idling	Pulse generation
KNK1 (E12–5) – E1 (E11–14)	B ↔ BR	Idling	Pulse generation (See page DI–41)
KNK2 (E12–13) – E1 (E11–14)	W ↔ BR		
NSW (E16–22) – E1 (E11–14)	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 (E16–9) – E1 (E11–14)	G ↔ BR	IG switch ON, Rotate driving wheel slowly	Pulse generation (See page DI–48)
TC (E12–8) – E1 (E11–14)	P–B ↔ BR	IG switch ON	9 – 14

W (E16–5) – E1 (E11–14)	W ↔ BR	Idling	9 – 14
		IG switch ON	Below 3.0
AC1 (E16–10) – E1 (E11–14)	B–W ↔ BR	A/C switch ON	9 – 14
		A/C switch OFF	Below 2.0
ACT (E16–21) – E1 (E11–14)	L–B ↔ BR	Idling, A/C switch OFF	Below 2.0
		Idling, A/C switch ON	9 – 14

*1: LHD
*2: RHD