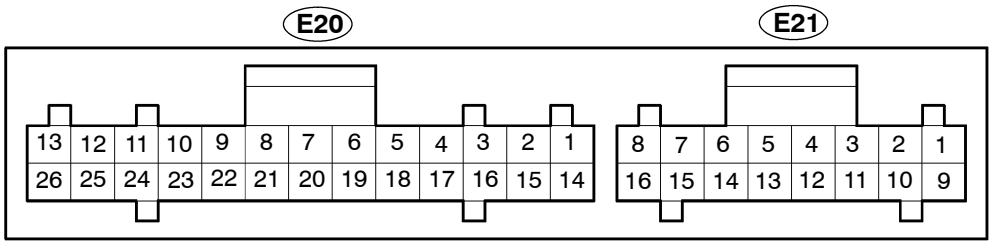
DI4E1–04

TERMINALS OF ECU

Engine ECU Terminals



A01436

Symbols (Terminal No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E21–2) – E1 (E20–24)	L–B ↔ BR	Always	9 – 14
+B (E21–9) – E1 (E20–24)	B–R ↔ BR	IG switch ON	9 – 14
VC (E20–18) – E2 (E20–16)	G–Y ↔ BR–B	IG switch ON	4.5 – 5.5
VTA (E20–17) – E2 (E20–16)	Y–R ↔ BR–B	IG switch ON, Throttle valve fully closed	0.3 – 1.0
		IG switch ON, Throttle valve fully open	3.2 – 4.9
THA (E20–5) – E2 (E20–16)	Y ↔ BR–B	Idling, Intake air temp. 20°C (68°F)	0.5 – 3.4
		Idling, Intake air temp. 60°C (140°F)	0.2 – 1.0
THW (E20–3) – E2 (E20–16)	BR–B ↔ BR–B	Idling, Engine coolant temp. 20°C (68°F)	0.5 – 3.4
		Idling, Engine coolant temp. 80°C (176°F)	0.2 – 1.0
STA (E20–11) – E1 (E20–24)	B–O ↔ BR	Cranking	6.0 or more
#10 (E20–12) – E01 (E20–13)	L ↔ BR	IG switch ON	9 – 14
		Idling	Pulse generation (See page DI–41)
IGT1 (E20–6) – E1 (E20–24)	Y–B ↔ BR	Idling	Pulse generation (See page DI–38)
IGT2 (E20–19) – E1 (E20–24)	B–R ↔ BR		
NE (E20–21) – NE– (E20–17)	R ↔ G	Idling	Pulse generation (See page DI–17)
FC (E21–4) – E01 (E20–13)	R–W ↔ BR	IG switch ON	9 – 14
KNK1 (E20–23) – E1 (E20–24)	G–R ↔ BR	Idling	Pulse generation (See page DI–35)
SPD (E21–13) – E1 (E20–24)	V–Y ↔ BR	IG switch ON (Rotate driving wheel slowly)	Pulse generation (See page DI–33)
RSD (E20–14) – E1 (E20–24)	R–W ↔ BR	IG switch ON, Disconnect E20 connector from ECU	9 – 14
W (E21–10) – E1 (E20–24)	L–R ↔ BR	Idling	Below 3.0
		IG switch ON	9 – 14
TE1 (E20–2) – E1 (E20–24)	L–Y ↔ BR	IG switch ON	9 – 14
TE2 (E20–15) – E1 (E20–24)	L–R ↔ BR		
ACT (E21–14) – E1 (E20–24)	GR–R ↔ BR	A/C switch OFF	Below 2.0
		A/C switch ON at idling	9 – 14
AC1 (E21–12) – E1 (E20–24)	LG–R ↔ BR	A/C switch ON at idling	Below 1.5
		A/C switch OFF	7.5 – 14
VAF (E20– 10) – E2 (E20–16)	Y–G ↔ BR–B	IG switch ON	Below 3.0