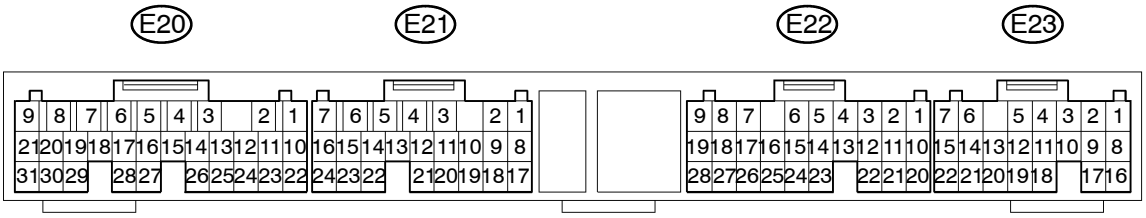
DI9G4–02

TERMINALS OF ECU

Engine ECU Terminals



Y

A09639

Symbols (Terminal No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E23–2) – E1 (E20–22)	L–R – BR	Always	18 – 27
+B (E23–1) – E1 (E20–22)	B–R – BR	IG switch ON	18 – 27
VC (E21–21) – E2 (E21–20)	L–R – BR–W	IG switch ON	4.5 – 5.5
VCC (E22–8) – E2C (E22–27)	LG–B – BR–W	IG switch ON	4.5 – 5.5
VA (E22–19) – E2C (E22–27)	P–B – BR–W	Accelerator pedal fully closed	0.6 – 1.3
		Accelerator pedal fully opened	3.0 – 4.5
VAS (E22–28) – E2C (E22–27)	GR–B – BR–W	Accelerator pedal fully closed	0.6 – 1.3
		Accelerator pedal fully opened	3.0 – 4.5
IDL (E22–18) – E2C (E22–27)	P – BR–W	Accelerator pedal fully closed	13 – 18
		Accelerator pedal fully opened	0 – 3
PDL (E22–9) – E1 (E20–22)	P–G – BR	Accelerator pedal fully closed	13 – 18
		Accelerator pedal fully opened	0 – 3
PIM (E21–16) – E2 (E21–20)	P–L – BR–W	Apply vacuum 40 kPa (300 mmHg, 11.8 in.Hg)	1.0 – 1.8
		Apply vacuum 200 kPa	3.5 – 4.0
THA (E21–22) – E2 (E21–20)	W–G – BR–W	Idling, Air intake temp. 0°C (32°F) to 60°C (140°F)	0.2 – 3.8
THW (E21–14) – E2 (E21–20)	BR–R – BR–W	Idling, Engine coolant temp. 60°C (140°F) to 120°C (248°F)	0.1 – 1.5
THF (E21–24) – E2 (E21–20)	G–R – BR–W	IG switch ON (at engine cold)	0.5 – 3.8
IGSW (E23–9) – E1 (E20–22)	B–W(*1) – BR	IG switch ON	18 – 27
	B–Y(*2) – BR		
STA (E22–6) – E1 (E20–22)	B–R – BR	Cranking	12.0 or more
TDC+ (E20–16) – TDC– (E20–27)	B – W	Idling	Pulse generation (See page DI–20)
NE+ (E20–17) – NE– (E20–28)	L – Y	Idling	Pulse generation (See page DI–22)
SPD (E22–22) – E1 (E20–22)	V–Y – BR	IG switch ON, Rotate driving wheel slowly	Pulse generation
EGR (E20 – 4) – E01 (E20–21)	R–G – W–B	IG switch ON	18 – 27
		EGR ON	Pulse generation (See page DI–77)
PA (E20–3) – E01 (E20–21)	W–R – W–B	VSV for atmospheric pressure leaning OFF	18 – 27
		VSV for atmospheric pressure leaning ON	0 – 3
MREL (E23–7) – E01 (E20–21)	W–L – W–B	IG switch ON	18 – 27
TCV (E20–5) – E01 (E20–21)	R–L – W–B	IG switch ON	18 – 27
		Idling	Pulse generation (See page DI–24)
TAC (E22–2) – E1 (E20–22)	B – BR	Idling	Pulse generation

SREL (E23–16) – E01 (E20–21)	B–W – W–B	IG switch ON	18 – 27
W (E23–12) – E01 (E20–21)	L–B – W–B	Check engine warning light lights up	0 – 3
		Except check engine warning light lights up	18 – 27
GIND (E23–3) – E01 (E20–21)	LG – W–B	Glow indicator light lights up	0 – 3
		Except glow indicator light lights up	18 – 27
LU+A (E20–20) – E01 (E20–21)	G–R – W–B	IG switch ON	Pulse generation (See page DI–27)
LU–A (E20–30) – E01 (E20–21)	G–W – W–B		
LU+B (E20–19) – E01 (E20–21)	V – W–B		
LU–B (E20–29) – E01 (E20–21)	G – W–B		
TC (E23–18) – E1 (E20–22)	GR–B – BR	IG switch ON	18 – 27
EGRC (E20–2) – E01 (E20–21)	R – W–B	IG switch ON	0 – 3
		Maintain engine speed at 1,500 rpm after warming up	18 – 27
SIL (E23–19) – E1 (E20–22)	R–W – BR	Connect hand–held tester to DLC3	Pulse generation

*1 : Hong Kong
*2 : Except Hong Kong