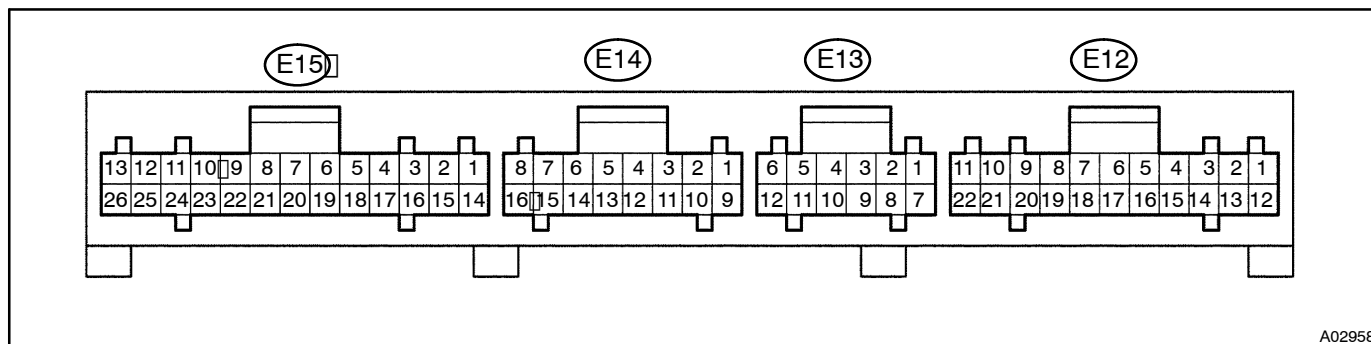


TERMINALS OF ECU



A02958

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E12-1) - E1 (E15-14)	B-O - BR	Always	9 - 14
+B (E12-12) - E1 (E15-14)	B-Y - BR	IG switch ON	9 - 14
VC (E14-1) - E2 (E14-9)	Y-R - BR	IG switch ON	4.5 - 5.5
VCC (E13-6) - E2C (E13-4)	B-W - W-B	IG switch ON	4.5 - 5.5
VA (E13-5) - E2C (E13-4)	G-R - W-B	Accelerator pedal fully closed	0.7 - 1.1
		Accelerator pedal fully opened	2.9 - 4.9
VAS (E13-12) - E2C (E13-4)	L-R - W-B	Accelerator pedal fully closed	0.7 - 1.1
		Accelerator pedal fully opened	2.9 - 4.9
IDL (E13-9) - E2C (E13-4)	R-B - W-B	Accelerator pedal fully closed	9 - 14
		Accelerator pedal fully opened	0 - 3
PIM (E14-2) - E2 (E14-9)	B-Y - BR	Apply vacuum 60 kPa (450 mmHg, 1.8 in.Hg)	0.2 - 0.8
		Apply vacuum 87 kPa (650 mmHg, 20.4 in.Hg)	1.0 - 1.6
THA (E14-3) - E2 (E14-9)	L-B - BR	Idling, air intake temp. 0°C (32°F) to 30°C (86°F)	0.2 - 3.8
THW (E14-4) - E2 (E14-9)	R-L - BR	Idling, engine coolant temp. 60°C (140°F) to 120°C (248°F)	0.1 - 1.2
THF (E14-5) - E2 (E14-9)	L - BR	IG switch ON (at engine cold)	1.5 - 3.4
DATA (E14-6) - E1 (E14-14)	W - BR	For 0.5 sec. after IG switch ON	Pulse generation
CLK (E14-14) - E2 (E14-9)	B - BR	For 0.5 sec. after IG switch ON	Pulse generation
STA (E12-11) - E1 (E15-14)	B - BR	Cranking	6.0 or more
TDC+ (E15-17) - TDC- (E15-16)	B - W	Idling	Pulse generation (See page DI-20)
NE+ (E15-19) - NE- (E15-18)	Y - L	Idling	Pulse generation (See page DI-20)
SP1 (E12-9) - E1 (E15-14)	V-W - BR	IG switch ON Driving wheel rotating slowly	Pulse generation
TCV (E15-11) - E01 (E15-13)	B-R - W-B	IG switch ON	9 - 14
		Idling	Pulse generation (See page DI-23)
SPV+ (E15-12) - E1 (E15-14)	B-L - BR	IG switch ON	9 - 14
		Idling	Pulse generation
SPV- (E15-25) - E1 (E15-14)	L-R - BR	Idling	Pulse generation (See page DI-28)
LU+A (E15-10) - E01 (E15-13)	R-B - W-B	Racing (engine warmed up)	Pulse generation
LU+A (E15-9) - E01 (E15-13)	R-W - W-B	Racing (engine warmed up)	Pulse generation
LU+B (E15-8) - E01 (E15-13)	R - W-B	Racing (engine warmed up)	Pulse generation
LU-B (E15-7) - E01 (E15-13)	R-L - W-B	Racing (engine warmed up)	Pulse generation

DIAGNOSTICS – ENGINE

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
MREL (E4-3) – E1 (E9-14)	G-O – BR	IG switch ON	9 – 14
		IG switch OFF (after IG switch OFF for 2 sec.)	0 – 1.5
SREL (E4-2) – E01 (E9-13)	B-W – W-B	Glow indication light lights up	9 – 14
		Idling (in 600 sec. after engine starts)	0 – 1.5
IGSW (E4-14) – E1 (E9-14)	B-R – BR	IG switch ON	9 – 14
AC1 (E5-2) – E1 (E9-14)	B-Y – BR	A/C switch ON (at magnetiC clutch ON)	0 – 1.5
		A/C switch OFF	7.5 – 14
ACT (E5-8) – E1 (E9-14)	B-L – BR	IG switch ON	9 – 14
		A/C cut controlled (Driving below 30km/h, accelerator pedal fully opened for 5 sec.)	0 – 3
PDL (E5-3) – E1 (E9-14)	L-R – BR	Accelerator pedal fully closed	9 – 14
		Accelerator pedal fully opened	0 – 3
TAC (E5-7) – E1 (E9-14)	B-Y – BR	Idling	Pulse generation
TC (E4-4) – E1 (E9-14)	P-B – BR	IG switch ON	9 – 14
		Connecting between DTC3 terminal TC and CG	0 – 3
W (E4-5) – E1 (E9-14)	G-R – BR	Check engine warning light lights up	0 – 3
		Except check engine warning light lights up	9 – 14
THOP (E6-15) – E1 (E9-14)	B – BR	Idling (engine warmed up)	9 – 14
		IG switch ON (onece within 5 sec.)	0 – 3
GIND (E5-1) – E1 (E9-14)	B-W – BR	Glow indicator light lights up	0 – 3
		Except glow indicator light lights up	9 – 14
EGLS (E14-11) – E2 (E14-9)	W – BR	IG switch ON	0.6V – 1.4V