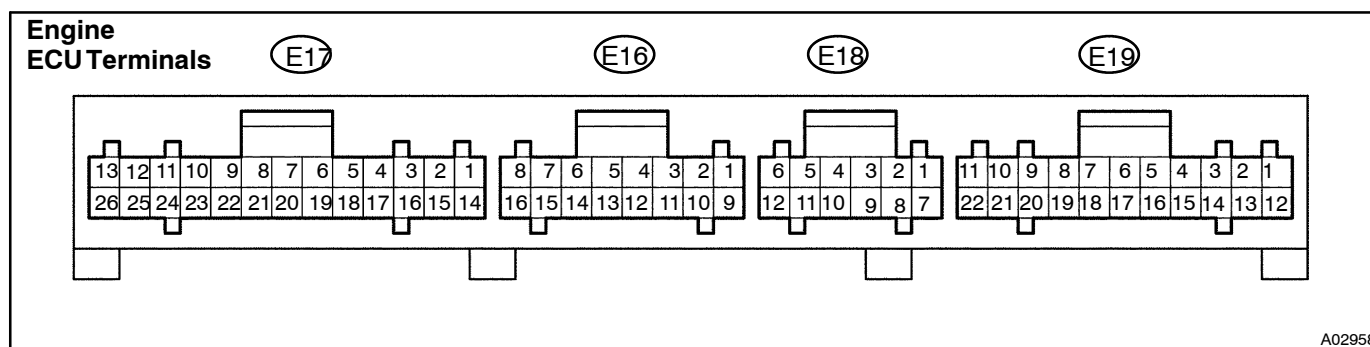


TERMINALS OF ECU



Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E19 -1) - E1 (E17 -14)	B-R - BR	Always	9 ~ 14
+B (E19 -12) - E1 (E17 -14)	B-Y - BR	IG switch ON	9 ~ 14
VC (E16 -1) - E2 (E16 -9)	L-R - BR-W	IG switch ON	4.5 ~ 5.5
VCC (E18 -6) - E2C (E18 -4)	L-R - BR-W	IG switch ON	4.5 ~ 5.5
VA (E18 -5) - E2C (E18 -4)	R-Y - BR-W	Accelerator pedal fully closed	0.6 ~ 1.3
		Accelerator pedal fully opened	2.8 ~ 4.5
VAS (E18 -12) - E2C (E18 -4)	P-L - BR-W	Accelerator pedal fully closed	0.6 ~ 1.3
		Accelerator pedal fully opened	2.8 ~ 4.5
IDL (E18 -9) - E2C (E18 -4)	L-G - B - BR-W	Accelerator pedal fully closed	9 ~ 14
		Accelerator pedal fully opened	0 ~ 3
PIM (E16 -2) - E2 (E16 -9)	P-L - BR-W	Apply vacuum 40 kPa (300 mmHg, 11.8 in.Hg)	1.0 ~ 1.8
		Apply vacuum 135 kPa (1,000 mmHg, 39.4 in.Hg)	2.3 ~ 4.2
THA (E16 -3) - E2 (E16 -9)	W-G - BR-W	Idling, air intake temp. 0 °C (32 °F) to 60 °C (140 °F)	0.2 ~ 3.8
THW (E16 -4) - E2 (E16 -9)	G-B - BR-W	Idling, engine coolant temp. 60 °C (140 °F) to 120 °C (248 °F)	0.1 ~ 1.5
THF (E16 -5) - E2 (E16 -9)	B-R - BR-W *1	IG switch ON (at engine cold)	0.5 ~ 3.8
	G-R - BR-W *2		
STA (E19 -11) - E1 (E17 -14)	B-W - BR	Cranking	6.0 or more
TDC+ (E17 -17) - TDC- (E17-16)	B - W	Idling	Pulse generation (See page DI-21)
NE+ (E17 -19) - NE- (E17-18)	L - G	Idling	Pulse generation (See page DI-21)
SP1 (E19 -9) - E1 (E17 -14)	V - BR	IG switch ON Rotate driving wheel slowly	Pulse generation
TCV (E17 -11) - E01 (E17 -13)	R-Y - W-B	IG switch ON	9 ~ 14
		Idling	Pulse generation (See page DI-24)
SPVD (E17 -12) - E1 (E17-14)	L-Y - BR	IG switch ON	9 ~ 14
SPVF (E17 -25) - E1 (E17 -14)	L-R - BR	Idling	Pulse generation (See page DI-71)
EGR (E17 -24) - E01 (E17-13)	R-G - W-B	IG switch ON	9 ~ 14
		EGR ON	Pulse generation (See page DI-85)

*1: LHD

*2: RHD

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
S/TH (E17-10) - E01 (E17-13)	W-L - W-B	VSV OFF (idling)	9 ~ 14
		VSV ON (after IG switch OFF for 2 sec.)	0 ~ 3
PA (E17-9) - E01 (E17-13)	W-R - W-B	VSV for atmospheric pressure leaning OFF	9 ~ 14
		VSV for atmospheric pressure leaning ON	0 ~ 3
MREL (E19-3) - E01 (E17-13)	B-W - W-B	IG switch ON	9 ~ 14
IGSW (E19-14) - E1 (E17-14)	B-R - BR	IG switch ON	9 ~ 14
AC1 (E18-2) - E1 (E17-14)	W-G - BR	A/C switch ON (at idling)	0 ~ 1.5
		A/C switch OFF	9 ~ 14
ACT (E18-8) - E1 (E17-14)	L-B - BR	IG switch ON	9 ~ 14
		At A/C cut controlled (Driving below 30 km/h, accelerator pedal fully opened for 5 sec.)	0 ~ 3
PDL (E18-3) - E1 (E17-14)	GR - BR	Accelerator pedal fully closed	9 ~ 14
		Accelerator pedal fully opened	0 ~ 3
TAC (E18-7) - E1 (E17-14)	B - BR	Idling	Pulse generation
TC (E19-4) - E1 (E17-14)	P-B - BR	IG switch ON	9 ~ 14
W (E19-5) - E1 (E17-14)	W - BR	Check engine warning light lights up	0 ~ 3
		Except check engine warning light lights up	9 ~ 14
G-IND (E18-1) - E1 (E17-14)	Y-R - BR	Glow indicator light lights up	0 ~ 3
		Except glow indicator light lights up	9 ~ 14
DATA (E16-6) - E1 (E17-14)	G-B - BR	For 0.5 sec. after IG switch ON	Pulse generation
CLK (E16-14) - E1 (E17-14)	G-W - BR	For 0.5 sec. after IG switch ON	Pulse generation
THWO (E19-8) - E1 (E17-14)	Y-B - BR	IG switch ON	Pulse generation (See page DI-96)
EGRC (E17-3) - E1 (E17-14)	R - BR	IG switch ON	0 ~ 3
		Maintain engine speed at 1500 rpm after warming up	9 ~ 14
IREL (E19-2) - E1 (E17-14)	G-Y - BR	IG switch ON	0 ~ 3
		At intake heater ON	9 ~ 14
SPVD (E17-12) - E1 (E17-14)	L-Y - BR	Idling	Pulse generation (See page DI-71)
VCH (E17-23) - E1 (E17-14)	Y-R - BR	Heater blower switch ON	0 ~ 3
		Heater blower switch OFF	9 ~ 14
SVR (E19-13) - E1 (E17-14)	L-W - BR	IG switch ON	0 ~ 1.5
VCT (E16-7) - E1 (E17-14)	L-B - BR	Heater blower switch ON	0 ~ 3
		Heater blower switch OFF	9 ~ 14
HSW (E19-20) - E1 (E17-14)	B-L - BR	Push on power heater switch	0 ~ 3
		Push off power heater switch	9 ~ 14
FSW (E17-7) - E1 (E17-14)	R-L - BR	At shift position in first position	9 ~ 14
		At other shift position in first position	0 ~ 3
PS (E16-8) - E1 (E17-14)	P - BR	Idling, Turn steering wheel	0 ~ 3
		IG switch ON	9 ~ 14
SIL (E19-15) - E1 (E17-14)	V-W - BR	Connect hand-held tester to DLC3	Pulse generation
IMI (E19-17) - E1 (E17-14)	L-B - BR	Idling	Pulse generation
IMO (E19-6) - E1 (E17-14)	L-R - BR	A few sec. after engine starting	Pulse generation