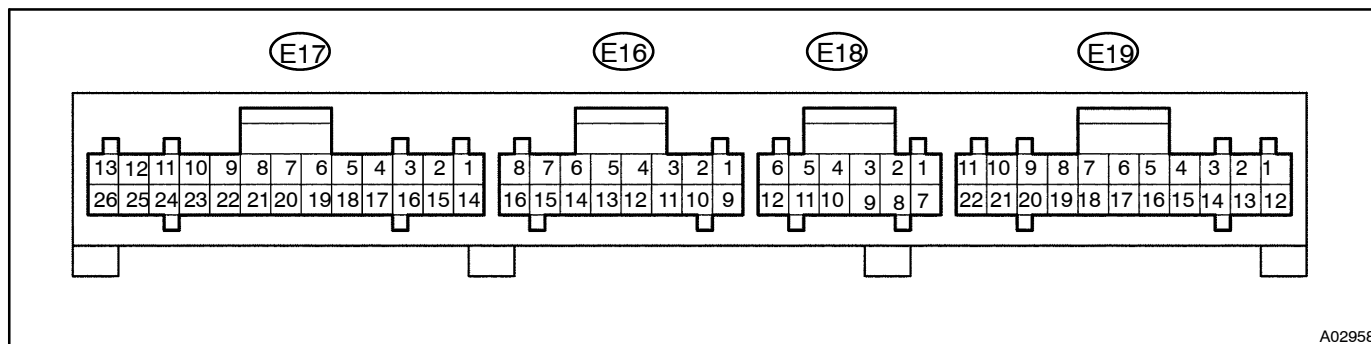


TERMINALS OF ECU



A02958

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)	LG-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 – 3.2
THOP (E16-15) – E1 (E17-14)	GR – BR	Accelerator pedal fully closed	9 – 14
		Accelerator pedal fully Opened	0 – 3
THAF (E18-11) – E2 (E16-9)	Y-B – BR-W	Atmospheric temp	0.2 – 3.8
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 – 1.2
THF (E16-5) – E2 (E16-9)	G-R – BR-W	IG switch ON (at engine cold)	1.5 – 3.4
VG (E16-10) – EVG (E16-11)	V-R – B	Idling, A/C switch OFF	0.2 – 4.9
STA (E19-11) – E1 (E17-14)	B-R – BR	Cranking	6.0 or more
TDC+ (E17-17) – TDC- (E17-16)	B – W	Idling	Pulse generation (See Pub. No. RM617E on page DI-21)
NE+ (E17-19) – NE- (E17-18)	L – G	Idling	Pulse generation (See Pub. No. RM617E on page DI-21)
SP1 (E19-9) – E1 (E17-14)	V – BR	IG switch ON Rotate driving wheel slowly	Pulse generation
VNT (E17-20) – E01 (E17-13)	B – W-B	IG switch ON	9 – 14
		Idling	Pulse generation (See page DI-38)
TCV (E17-11) – E01 (E17-13)	R-Y – W-B	IG switch ON	9 – 14
		Idling	Pulse generation (See Pub. No. RM617E on page DI-24)
SPVD (E17-12) – E1 (E17-14)	L-Y – BR	IG switch ON	9 – 14

DIAGNOSTICS – ENGINE (European Spec.)

SPVF (E 17-25) – E1 (E17-14)	L-R – BR	Idling	Pulse generation (See Pub. No. RM6 17E on page DI –71)
EGR (E 17 – 24) – E01 (E17-13)	R-G – W-B	IG switch ON	9 – 14
		EGR ON	Pulse generation (See Pub. No. RM6 17E on page DI –85)
PA (E 16-16) – E01 (E17-13)	W-R – W-B	VSV for atmospheric pressure leaning OFF	9 – 14
		VSV for atmospheric pressure leaning ON	0 – 3
MREL (E 19-3) – E01 (E17-13)	B-W – W-B	IG switch ON	9 – 14
IGSW (E 19-14) – 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 (E 18-8) – 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 (E 18-3) – E1 (E17-14)	GR – BR	Accelerator pedal fully closed	9 – 14
		Accelerator pedal fully opened	0 – 3
TAC (E 18-7) – E1 (E17-14)	B – BR	Idling	Pulse generation
TC (E 19-4) – 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
GIND (E 18-1) – E1 (E17-14)	Y-R – BR	Glow indicator light lights up	0 – 3
		Except glow indicator light lights up	9 – 14
DATA (E 16-6) – E1 (E17-14)	LG – BR	For 0.5 sec. after IG switch ON	Pulse generation
CLK (E 16-14) – E1 (E17-14)	L – BR	For 0.5 sec. after IG switch ON	Pulse generation
THWO (E 19-8) – E1 (E17-14)	Y-B – BR	IG switch ON	Pulse generation (See Pub. No. RM6 17E on page DI –96)
LU+A (E 17-10) – E1 (E17-14)	G-R – BR	IG switch ON	Pulse generation
LU-A (E17-9) – E1 (E17-14)	G-W – BR	IG switch ON	Pulse generation
LU+B (E 17-8) – E1 (E17-14)	V – BR	IG switch ON	Pulse generation
LU-B (E17-7) – E1 (E17-14)	G – BR	IG switch ON	Pulse generation
EGRC (E 17-3) – E1 (E17-14)	R – BR	IG switch ON	9 – 14
		Maintain engine speed at 1500 rpm after warming up	0 – 3
SREL (E 19-2) – E1 (E17-14)	G-Y – BR	When more than 20 sec. passes after IG switch is turned ON	0 – 3
		At intake heater ON	9 – 14
SPVD (E 17-12) – E1 (E17-14)	L-Y – BR	Idling	Pulse generation (See Pub. No. RM6 17E on page DI –71)
VCH (E 17-23) – E1 (E17-14)	Y-R – BR	Heater blower switch ON	9 – 14
		Heater blower switch OFF	0 – 3
SVR (E 19-13) – E1 (E17-14)	L-W – BR	IG switch ON	9 – 14

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 (E17-5) – 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