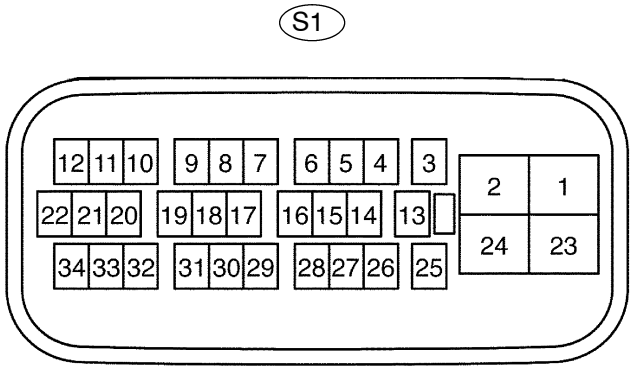
05AA9–01

TERMINALS OF ECU



F07812

Symbols (Terminal No.)	Wiring Color	Condition	STD Voltage (V)
+BS (S1 – 1) – GND (S1 – 2, 24)	Y – W–B	Always	10 – 14
FL– (S1 – 8) – GND (S1 – 2, 24)	Y – W–B	IG switch ON, slowly turn left front wheel	Pulse generation
FL+ (S1 – 9) – GND (S1 – 2, 24)	G – W–B	IG switch ON	9 – 14
SP1 (S1 – 3) – GND (S1 – 2, 24)	P–L – W–B	Vehicle drives at about 20 km/h (12mph)	Pulse generation
P (S1 – 5) – GND (S1 – 2, 24)	G–B – W–B	IG switch ON, shift lever is in P range	8 – 14
		IG switch ON, shift lever is in other than P range	Below 1.5
GL1 (S1 – 6) – GND (S1 – 2, 24)	R – W–B	IG switch ON, vehicle is stopped	0.5 – 4.5
GGND (S1 – 7) – GND (S1 – 2, 24)	W – W–B	IG switch OFF	Continuity
STP (S1 – 10) – GND (S1 – 2, 24)	G–Y – W–B	Stop light switch ON	10 – 14
		Stop light switch OFF	Below 1.0
RL+ (S16 – 11) – GND (S1 – 2, 24)	V – W–B	IG switch ON	9 – 14
RL– (S16 – 12) – GND (S1 – 2, 24)	LG – W–B	IG switch ON, slowly turn left rear wheel	Pulse generation
WA (S1 – 13) – GND (S1 – 2, 24)	LG–R – W–B	IG switch ON, ABS warning light ON	10 – 14
		IG switch ON, ABS warning light OFF	Below 2.0
D/G (S1 – 14) – GND (S1 – 2, 24)	R–Y – W–B	IG switch ON	10 – 14
Ts (S1 – 15) – GND (S1 – 2, 24)	R–B – W–B	IG switch ON	10 – 14
Tc (S1 – 16) – GND (S1 – 2, 24)	P–L – W–B	IG switch ON	10 – 14
EXI (S1 – 17) – GND (S1 – 2, 24)	G–W – W–B	IG switch ON, center diff. lock switch ON	Below 2.0
		IG switch ON, center diff. lock switch OFF	10 – 14
PKB (S1 – 18) – GND (S1 – 2, 24)	LG – W–B	IG switch ON, parking switch ON	Below 1.0
		IG switch ON, parking switch OFF	10 – 14

FRO*2 (S1 – 19) – GND (S1 – 2, 24)	L–R – W–B	Vehicle drives at about 20 km/h (12mph)	Pulse generation
FLO*2 (S1 – 22) – GND (S1 – 2, 24)	L–O – W–B	Vehicle drives at about 20 km/h (12mph)	Pulse generation
+BM (S1 – 23) – GND (S1 – 2, 24)	B – W–B	Always	11 – 14
IG1 (S1 – 25) – GND (S1 – 2, 24)	B–R – W–B	IG switch ON	10 – 14
VGS (S1 – 26) – GND (S1 – 2, 24)	B – W–B	IG switch ON	4.5 – 5.5
N *1 (S1 – 27) – GND (S1 – 2, 24)	G–W – W–B	IG switch ON, shift lever is in N range	8 – 14
		IG switch ON, shift lever is in other than N range	Below 1.5
EXI3 (S1 – 28) – GND (S1 – 2, 24)	R–G – W–B	IG switch ON, transfer L4 switch ON	Below 2.0
		IG switch ON, transfer L4 switch OFF	10 – 14
EXI2 (S1 – 29) – GND (S1 – 2, 24)	R–G – W–B	IG switch ON, rear diff. lock switch ON	Below 2.0
		IG switch ON, rear diff. lock switch OFF	10 – 14
FR– (S1 – 30) – GND (S1 – 2, 24)	P – W–B	IG switch ON, slowly turn right front wheel	Pulse generation
FR+ (S1 – 31) – GND (S1 – 2, 24)	L – W–B	IG switch ON	9 – 14
BRL (S1 – 32) – GND (S1 – 2, 24)	B–LY – W–B	IG switch ON, brake warning light ON	10 – 14
		IG switch ON, brake warning light OFF	Below 2.0
RR+ (S1 – 33) – GND (S1 – 2, 24)	B – W–B	IG switch ON	9 – 14
RR– (S1 – 34) – GND (S1 – 2, 24)	W – W–B	IG switch ON, slowly turn right rear wheel	Pulse generation

*1: A/T

*2: w/ Active Height Control Suspension and Electric Modulated Air Suspension