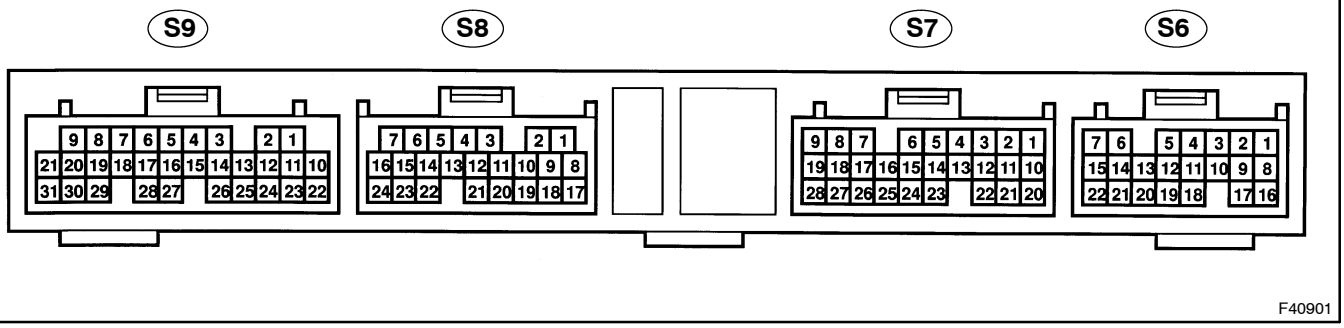
05681–01

TERMINALS OF ECU



Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
SRLR (S6 – 1) – GND (S6 – 15, 22, S9 – 2, 3)	LG–B ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SM1– (S6 – 2) – GND (S6 – 15, 22, S9 – 2, 3)	Y–G ↔ W–B	IG switch OFF	Continuity
SM1+ (S6 – 3) – GND (S6 – 15, 22, S9 – 2, 3)	R–L ↔ W–B	IG switch ON, ABS warning light OFF	Below 1.0
SM2– (S6 – 4) – GND (S6 – 15, 22, S9 – 2, 3)	B–L ↔ W–B	IG switch OFF	Continuity
SM2+ (S6 – 5) – GND (S6 – 15, 22, S9 – 2, 3)	B–W ↔ W–B	IG switch ON, ABS warning light OFF	Below 1.0
AST (S6 – 6) – GND (S6 – 15, 22, S9 – 2, 3)	R ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SRLH (S6 – 7) – GND (S6 – 15, 22, S9 – 2, 3)	G–Y ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SFRR (S6 – 8) – GND (S6 – 15, 22, S9 – 2, 3)	W–R ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
PMC (S6 – 10) – E2 (S6 – 19)	B ↔ W	IG switch ON, stop light switch OFF	0.3 – 0.8
E3 (S6 – 12) – GND (S6 – 15, 22, S9 – 2, 3)	R ↔ W–B	IG switch OFF	Continuity
FSS (S6 – 13) – GND (S6 – 15, 22, S9 – 2, 3)	Shielded ↔ W–B	IG switch OFF	Continuity
MT (S6 – 14) – GND (S6 – 15, 22, S9 – 2, 3)	R–W ↔ W–B	IG switch ON (Motor relay is OFF)	Below 1.5
SFRH (S6 – 16) – GND (S6 – 15, 22, S9 – 2, 3)	R–B ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
PMC2 (S6 – 18) – E3 (S6 – 12)	W ↔ R	IG switch ON, stop light switch OFF	0.3 – 0.8
E2 (S6 – 19) – GND (S6 – 15, 22, S9 – 2, 3)	W ↔ W–B	IG switch OFF	Continuity
VCM (S6 – 20) – GND (S6 – 15, 22, S9 – 2, 3)	R ↔ W–B	IG switch ON	4.5 – 5.5
VCM2 (S6 – 21) – GND (S6 – 15, 22, S9 – 2, 3)	B ↔ W–B	IG switch ON	4.5 – 5.5
VYS (S7 – 1) – GND (S6 – 15, 22, S9 – 2, 3)	R ↔ W–B	IG switch ON	4.5 – 5.5
YSS (S7 – 3) – GND (S6 – 15, 22, S9 – 2, 3)	Shielded ↔ W–B	IG switch OFF	Continuity
TRIG (S7 – 6) – GND (S6 – 15, 22, S9 – 2, 3)	Y–R ↔ W–B	IG switch ON	Above 3.5

CSW (S7 – 7) – GND (S6 – 15, 22, S9 – 2, 3)	LG ↔ W–B	IG switch ON, TRC OFF switch OFF	10 – 14
P (S7 – 9) – GND (S6 – 15, 22, S9 – 2, 3)	G–W ↔ 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
YAW (S7 – 10) – GND (S6 – 15, 22, S9 – 2, 3)	W ↔ W–B	IG switch ON, yawrate sensor is stationary	2 – 3
GSS (S6 – 11) – GND (S6 – 15, 22, S9 – 2, 3)	Shielded ↔ W–B	IG switch OFF	Continuity
YD (S7 – 16) – GND (S6 – 15, 22, S9 – 2, 3)	G ↔ W–B	IG switch ON, VSC warning light OFF	Above 4.5
SS1+ (S7 – 18) – SS1– (S7 – 27)	P ↔ Y	Engine idling, slowly tun steering wheel	Pulse generation
GYAW (S12 – 20) – GND (S6 – 15, 22, S9 – 2, 3)	B ↔ W–B	IG switch OFF	Continuity
GL1 (S7 – 21) – GND (S6 – 15, 22, S9 – 2, 3)	Y ↔ W–B	IG switch ON, vehicle is stopped	0.5 – 4.5
GL2 (S7 – 22) – GND (S6 – 15, 22, S9 – 2, 3)	L ↔ W–B	IG switch ON, vehicle is stopped	0.5 – 4.5
NEO (S7 – 26) – GND (S6 – 15, 22, S9 – 2, 3)	BR–W ↔ W–B	Engine idling	Pulse generation
D/G (S7 – 28) – GND (S6 – 15, 22, S9 – 2, 3)	W ↔ W–B	IG switch ON	10 – 14
WA (S8 – 1) – GND (S6 – 15, 22, S9 – 2, 3)	R–B ↔ W–B	IG switch ON, ABS warning light ON	4 – 8
		IG switch ON, ABS warning light OFF	Below 2.0
SP1 (S8 – 2) – GND (S6 – 15, 22, S9 – 2, 3)	L–O ↔ W–B	Vehicle drives at about 20 km/h (12 mph)	Pulse generation
STP (S8 – 3) – GND (S6 – 15, 22, S9 – 2, 3)	G–W ↔ W–B	Stop light switch OFF	Below 1.5
		Stop light switch ON	8 – 14
WT (S8 – 4) – GND (S6 – 15, 22, S9 – 2, 3)	L ↔ W–B	IG switch ON, TRAC OFF indicator light ON	Below 2.0
		IG switch ON, TRAC OFF indicator light OFF	10 – 14
BZ (S8 – 5) – GND (S6 – 15, 22, S9 – 2, 3)	P–B ↔ W–B	IG switch ON, VSC buzzer is sounded	Below 1.0 ↔ 10 – 14
		IG switch ON, VSC buzzer is not sounded	10 – 14
IND (S8 – 6) – GND (S6 – 15, 22, S9 – 2, 3)	LG ↔ W–B	IG switch ON, SLIP indicator light ON	Below 2.0
		IG switch ON, SLIP indicator light OFF	10 – 14
IG1 (S8 – 7) – GND (S6 – 15, 22, S9 – 2, 3)	B–R ↔ W–B	IG switch ON	10 – 14
LBLO (S8 – 8) – GND (S6 – 15, 22, S9 – 2, 3)	R–W ↔ W–B	IG switch ON, fluid in master cylinder reservoir above MIN level and parking brake switch is OFF (Brake warning light is OFF)	Below 2.0
		IG switch ON, fluid in master cylinder reservoir below MIN level or parking brake switch is ON (Brake warning light ON)	10 – 14
ENG+ (S8 – 9) – ENG– (S8 – 18)	W ↔ B	IG switch ON	Pulse generation
Ts (S8 – 10) – GND (S6 – 15, 22, S9 – 2, 3)	LG–B ↔ W–B	IG switch ON	10 – 14
TRC+ (S8 – 11) – TRC– (S8 – 20)	G ↔ L	IG switch ON	Pulse generation
FRO (S8 – 13) – GND (S6 – 15, 22, S9 – 2, 3)	W–R ↔ W–B	Vehicle drives at about 20 km/h (12 mph)	Pulse generation

VSCW (S8 – 14) – GND (S6 – 15, 22, S9 – 2, 3)	R–L ↔ W–B	IG switch ON, VSC warning light ON	Below 2.0
		IG switch ON, VSC warning light OFF	10 – 14
RR+ (S8 – 16) – RR– (S8 – 15)	P ↔ L	IG switch ON, slowly turn right rear wheel	Pulse generation
Tc (S8 – 19) – GND (S6 – 15, 22, S9 – 2, 3)	P–B ↔ W–B	IG switch ON	10 – 14
PKB (S8 – 21) – GND (S6 – 15, 22, S9 – 2, 3)	R–W ↔ W–B	IG switch ON, parking brake switch ON	Below 1.5
		IG switch ON, parking brake switch OFF	10 – 14
RL+ (S8 – 22) – RL– (S8 – 23)	R ↔ G	IG switch ON, slowly turn left rear wheel	Pulse generation
+BO (S8 – 24) – GND (S6 – 15, 22, S9 – 2, 3)	P ↔ W–B	Always	10 – 14
R+ (S9 – 1) – GND (S6 – 15, 22, S9 – 2, 3)	GR–R ↔ W–B	IG switch ON	10 – 14
SRM1 (S9 – 4) – GND (S6 – 15, 22, S9 – 2, 3)	Y–R ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SRC2 (S9 – 5) – GND (S6 – 15, 22, S9 – 2, 3)	B–Y ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SFLH (S9 – 6) – GND (S6 – 15, 22, S9 – 2, 3)	L–B ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SFLR (S9 – 7) – GND (S6 – 15, 22, S9 – 2, 3)	W–L ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SRRH (S9 – 8) – GND (S6 – 15, 22, S9 – 2, 3)	W–R ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SRRR (S9 – 9) – GND (S6 – 15, 22, S9 – 2, 3)	R–G ↔ W–B	IG switch ON, ABS warning light OFF	10 –14
SR (S9 – 10) – R+ (S10 – 1)	GR ↔ GR–R	IG switch ON, ABS warning light OFF	Below 1.0
FR+ (S9 – 13) – FR– (S9 – 12)	W ↔ B	IG switch ON, slowly turn right front wheel	Pulse generation
SRM2 (S9 – 21) – GND (S6 – 15, 22, S9 – 2, 3)	Y–B ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
+BI (S9 – 22) – GND (S6 – 15, 22, S9 – 2, 3)	W–R ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
MR (S9 – 23) – GND (S6 – 15, 22, S9 – 2, 3)	W–B ↔ W–B	IG switch ON, ABS motor stops	10 – 14
MRF (S9 – 24) – GND (S6 – 15, 22, S9 – 2, 3)	GR–L ↔ W–B	IG switch ON	10 – 14
LBL (S9 – 25) – GND (S6 – 15, 22, S9 – 2, 3)	R–W*1 ↔ W–B R–L*2 ↔ W–B	IG switch ON, fluid in master cylinder reservoir above MIN level	4 – 8
FL+ (S9 – 28) – FL– (S9 – 27)	BR ↔ Y	IG switch ON, slowly turn left front wheel	Pulse generation
SRC1 (S9 – 31) – GND (S6 – 15, 22, S9 – 2, 3)	B–R ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14

*1: LHD
*2: RHD