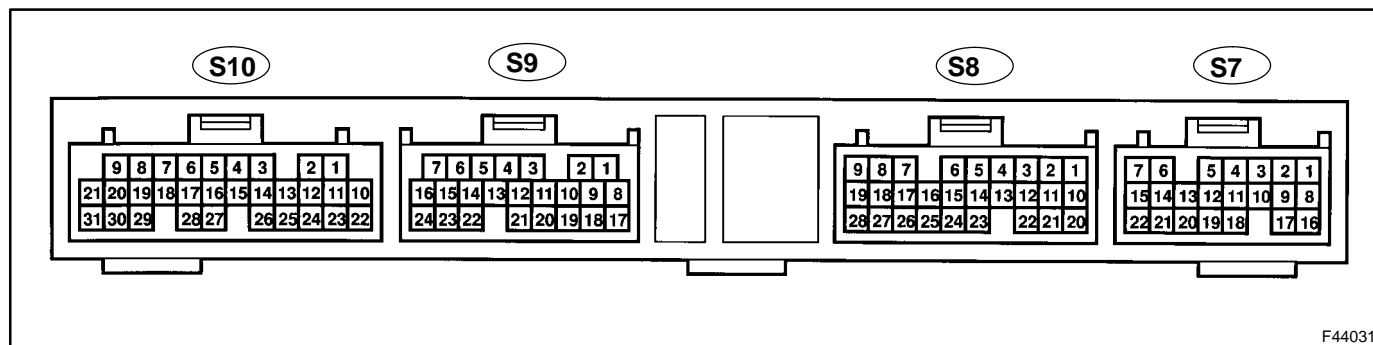


TERMINALS OF ECU



F44031

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
SRLR (S7 - 1) - GND (S9 - 8, 17, S10 - 6, 31)	Y-B ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
MR2 (S7 - 2) - R2+ (S7 - 3)	LG-B ↔ GR-B	IG switch ON, hydraulic brake booster pump motor running	10 - 14
HDCW (S7 - 4) - GND (S9 - 8, 17, S10 - 6, 31)	BR-Y ↔ W-B	IG switch ON, DAC indicator light ON	Below 2.0
		IG switch ON, DAC indicator light OFF	10 - 14
AST (S7 - 6) - GND (S9 - 8, 17, S10 - 6, 31)	Y-R ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SRLH (S7 - 7) - GND (S9 - 8, 17, S10 - 6, 31)	Y-G ↔ W-B	IG switch ON, ABC warning light OFF	10 - 14
SFRR (S7 - 8) - GND (S9 - 8, 17, S10 - 6, 31)	V-G ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
PL (S7 - 9) - GND (S9 - 8, 17, S10 - 6, 31)	G-Y ↔ W-B	IG switch ON, pressure switch ON	3 - 5
EXI3*1 (S7 - 14) - GND (S9 - 8, 17, S10 - 6, 31)	GR ↔ W-B	IG switch ON, ADD switch ON (4WD)	Below 2.0
		IG switch ON, ADD switch OFF (2WD)	10 - 14
+BI (S7 - 15) - GND (S9 - 8, 17, S10 - 6, 31)	W-R ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SFRH (S7 - 16) - GND (S9 - 8, 17, S10 - 6, 31)	V-R ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
TRIG (S7 - 20) - GND (S9 - 8, 17, S10 - 6, 31)	GR-R ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
+BO (S7 - 21) - GND (S9 - 8, 17, S10 - 6, 31)	GR-L ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
IG2 (S7 - 22) - GND (S9 - 8, 17, S10 - 6, 31)	B-O ↔ W-B	IG switch ON	10 - 14
STP2 (S8 - 2) - GND (S9 - 8, 17, S10 - 6, 31)	G-Y ↔ W-B	Stop light switch OFF	Below 1.5
		Stop light switch ON	8 - 14
EXI*1 (S8 - 3) - GND (S9 - 8, 17, S10 - 6, 31)	R-L ↔ W-B	IG switch ON, center diff. lock switch ON	Below 2.0
		IG switch ON, center diff. lock switch OFF	10 - 14
VSCW (S8 - 4) - GND (S9 - 8, 17, S10 - 6, 31)	Y-R ↔ W-B	IG switch ON, VSC TRAC warning light ON	Below 2.0
		IG switch ON, VSC TRAC warning light OFF	10 - 14
BRL (S8 - 5) - GND (S9 - 8, 17, S10 - 6, 31)	B-L ↔ W-B	IG switch ON, brake warning light ON	10 - 14
		IG switch ON, brake warning light OFF	Below 2.0
IND (S8 - 6) - GND (S9 - 8, 17, S10 - 6, 31)	R ↔ W-B	IG switch ON, SLIP indicator light ON	Below 2.0
		IG switch ON, SLIP indicator light OFF	10 - 14

WT (S8 - 7) - GND (S9 - 8, 17, S10 - 6, 31)	L-W ↔ W-B	IG switch ON, VSC (TRAC) OFF indicator light ON	Below 2.0
		IG switch ON, VSC (TRAC) OFF indicator light OFF	10 - 14
VYS (S8 - 9) - GND (S9 - 8, 17, S10 - 6, 31)	L ↔ W-B	IG switch ON	4.5 - 5.5
GL2 (S - 10) - GYAW (S8 - 27)	W ↔ B	IG switch ON, vehicle is placed on the horizontal surface	2.0 - 3.0
SS1+ (S8 - 14) - SS1- (S8 - 23)	L ↔ P	Engine idling, steering wheel is turned slowly.	Pulse generation
SP1 (S8 - 16) - GND (S9 - 8, 17, S10 - 6, 31)	GR-R ↔ W-B	Vehicle drive at about 20 km/h (12mph)	Pulse generation
EXI4*1 (S8 - 17) - GND (S9 - 8, 17, S10 - 6, 31)	W-L ↔ W-B	IG switch ON, transfer in L4 position	Below 2.0
		IG switch ON, transfer in except L4 position	10 - 14
YSS (S8 - 18) - GND (S9 - 8, 17, S10 - 6, 31)	(Shielded) ↔ W-B	IG switch OFF	Continuity
YD (S8 - 19) - GYAW (S8 - 27)	G ↔ B	IG switch ON, ABS warning light OFF	4.5 - 5.3
GL1 (S8 - 22) - GYAW (S8 - 27)	R ↔ B	IG switch ON, vehicle is placed on the horizontal surface	2.0 - 3.0
FRO (S8 - 24) - GND (S9 - 8, 17, S10 - 6, 31)	L-R ↔ W-B	Vehicle driving at about 20 km/h (12mph)	Pulse generation
FLO (S8 - 25) - GND (S9 - 8, 17, S10 - 6, 31)	L-O ↔ W-B	Vehicle driving at about 20 km/h (12mph)	Pulse generation
CSW*2 (S8 - 26) - GND (S9 - 8, 17, S10 - 6, 31)	R-W ↔ W-B	IG switch ON, TRAC OFF switch OFF	10 - 14
		IG switch ON, TRAC OFF switch ON	Below 1.5
GYAW (S8 - 27) - GND (S9 - 8, 17, S10 - 6, 31)	B ↔ W-B	IG switch OFF	Continuity
YAW (S8 - 28) - GYAW (S8 - 27)	Y ↔ B	IG switch ON, ABS warning light OFF	2.42 - 2.58
WA (S9 - 1) - GND (S9 - 8, 17, S10 - 6, 31)	LG-R ↔ W - B	IG switch ON, ABS warning light ON	10 - 14
		IG switch ON, ABS warning light OFF	Below 2.0
BZ (S9 - 2) - GND (S9 - 8, 17, S10 - 6, 31)	GR-G ↔ W-B	IG switch ON, VSC buzzer is sounded	Below 1.0 ↔ 10 - 14
		IG switch ON, VSC buzzer is not sounded	10 - 14
DG (S9 - 3) - GND (S9 - 8, 17, S10 - 6, 31)	R-Y ↔ W-B	IG switch ON	10 - 14
P (S9 - 5) - GND (S9 - 8, 17, S10 - 6, 31)	G-B ↔ W-B	IG switch ON, PNP switch in P position	10 - 14
		IG switch ON, PNP switch in except P position	Below 1.5
IG1 (S9 - 6) - GND (S9 - 8, 17, S10 - 6, 31)	B-R ↔ W-B	IG switch ON	10 - 14
NEO (S9 - 7) - GND (S9 - 8, 17, S10 - 6, 31)	P ↔ W-B	Engine idling	Pulse generation
STP (S9 - 10) - GND (S9 - 8, 17, S10 - 6, 31)	G-Y ↔ W-B	IG switch ON, stop light switch ON	10 - 14
Tc (S9 - 11) - GND (S9 - 8, 17, S10 - 6, 31)	P-L ↔ W-B	IG switch ON and terminals Tc-E ₁ of DLC1 connected	Below 1.5
		IG switch ON and terminals Tc-E ₁ of DLC1 not connected	10 - 14
Ts (S9 - 12) - GND (S9 - 8, 17, S10 - 6, 31)	R-B ↔ W-B	IG switch ON and terminals Ts-E ₁ of DLC1 connected	Below 1.5
		IG switch ON and terminals Ts-E ₁ of DLC1 not connected	10 - 14
PKB (S9 - 13) - GND (S9 - 8, 17, S10 - 6, 31)	LG ↔ W-B	IG switch ON, parking brake switch ON	Below 1.5
		IG switch OFF, parking brake switch OFF	10 - 14

ENG+ (S9 - 14) - ENG- (S9 - 22)	R ↔ W	Engine idling	Pulse generation
HDCS (S9 - 15) - GND (S9 - 8, 17, S10 - 6, 31)	W-G ↔ W-B	IG switch ON, DAC switch OFF	10 - 14
		IG switch ON, DAC switch ON	Below 1.5
RL+ (S9 - 18) - GND (S9 - 8, 17, S10 - 6, 31)	P ↔ W-B	IG switch ON	9 - 14
RL- (S9 - 19) - GND (S9 - 8, 17, S10 - 6, 31)	V ↔ W-B	IG switch ON, left rear wheel is turned slowly	Pulse generation
RR+ (S9 - 20) - GND (S9 - 8, 17, S10 - 6, 31)	B ↔ W-B	IG switch ON	9 - 14
RR- (S9 - 21) - GND (S9 - 8, 17, S10 - 6, 31)	W ↔ W-B	IG switch ON, right rear wheel is turned slowly	Pulse generation
CD*1 (S9 - 23) - GND (S9 - 8, 17, S10 - 6, 31)	G-R ↔ W-B	IG switch ON, center diff. lock indicator ON	Below 2.0
		IG switch ON, center diff. lock indicator OFF	10 - 14
TRC+ (S9 - 24) - TRC- (S9 - 16)	B ↔ Y	Engine idling	Pulse generation
SA1 (S10 - 2) - GND (S9 - 8, 17, S10 - 6, 31)	L-O ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SA2 (S10 - 3) - GND (S9 - 8, 17, S10 - 6, 31)	L-W ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SA3 (S10 - 4) - GND (S9 - 8, 17, S10 - 6, 31)	P-L ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
STR (S10 - 5) - GND (S9 - 8, 17, S10 - 6, 31)	L ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SFLR (S10 - 7) - GND (S9 - 8, 17, S10 - 6, 31)	L-B ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SRRH (S10 - 8) - GND (S9 - 8, 17, S10 - 6, 31)	L-Y ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SRRR (S10 - 9) - GND (S9 - 8, 17, S10 - 6, 31)	Y ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
VCM (S10 - 10) - GND (S9 - 8, 17, S10 - 6, 31)	B ↔ W-B	IG switch ON	4.5 - 5.5
PH (S10 - 11) - GND (S9 - 8, 17, S10 - 6, 31)	R-W ↔ W-B	IG switch ON, pressure switch (PH) ON	Below 0.9
		IG switch ON, pressure switch (PH) OFF	5 - 8
FR- (S10 - 13) - GND (S9 - 8, 17, S10 - 6, 31)	P ↔ W-B	IG switch ON, right front wheel is turned slowly	Pulse generation
FR+ (S10 - 14) - GND (S9 - 8, 17, S10 - 6, 31)	L ↔ W-B	IG switch ON	9 - 14
FL- (S10 - 15) - GND (S9 - 8, 17, S10 - 6, 31)	R ↔ W-B	IG switch ON, left front wheel is turned slowly	Pulse generation
FL+ (S10 - 16) - GND (S9 - 8, 17, S10 - 6, 31)	G ↔ W-B	IG switch ON	9 - 14
SR (S10 - 19) - R1+ (S10 - 1)	BR-Y ↔ B-Y	IG switch ON, ABS warning light OFF	10 - 14
SFLH (S10 - 21) - GND (S9 - 8, 17, S10 - 6, 31)	V ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
PMC (S10 - 22) - E2 (S10 - 12)	W ↔ R	IG switch ON, stop light switch released	0.3 - 0.7
MSS (S10 - 23) - GND (S9 - 8, 17, S10 - 6, 31)	(Shielded) ↔ W-B	IG switch OFF	Continuity

MTT (S10 - 27) - GND (S9 - 8, 17, S10 - 6, 31)	BR-B ↔ W-B	IG switch ON, (Motor relay is OFF)	Below 1.5
MT+ (S10 - 28) - MT- (S10 - 18)	BR-W ↔ BR-R	IG switch ON, (Motor relay is OFF)	Below 1.5
MR1 (S10 - 29) - R1+ (S10 - 1)	V-Y ↔ B-Y	IG switch ON, hydraulic brake booster pump motor running	10 - 14

*1: 4WD

*2: 2WD