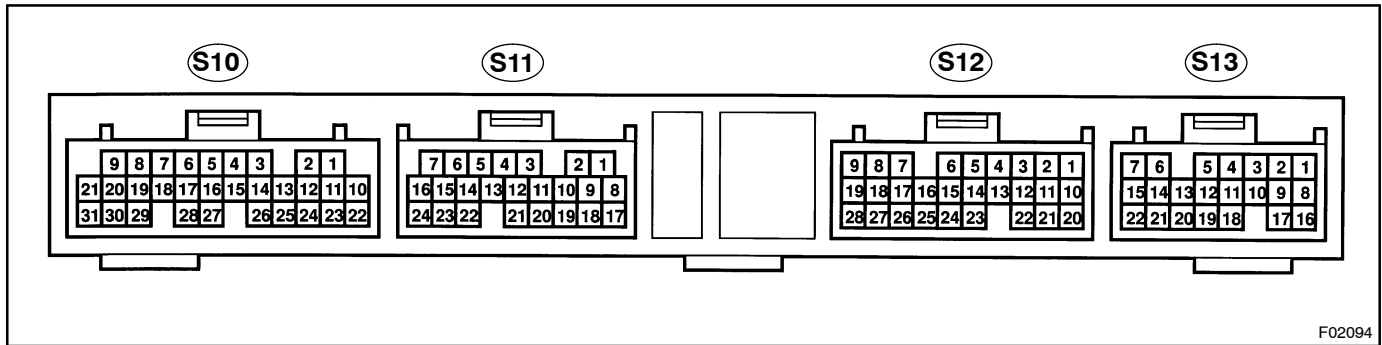


# TERMINALS OF ECU



F02094

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
SRLR (S23 - 1) - GND (S23 - 15, 22, S20 - 2, 3)	B ↔ W-B*1 R ↔ W-B*2	IG switch ON, ABS warning light OFF	10 - 14
SM1- (S23 - 2) - GND (S23 - 15, 22, S20 - 2, 3)	B-L ↔ W-B*1 L ↔ W-B*2	IG switch OFF	Continuity
SM1+ (S23 - 3) - GND (S23 - 15, 22, S20 - 2, 3)	B-R ↔ W-B*1 R-L ↔ W-B*2	IG switch ON, ABS warning light OFF	Below 1.0
SM2- (S23 - 4) - GND (S23 - 15, 22, S20 - 2, 3)	L-B ↔ W-B	IG switch OFF	Continuity
SM2+ (S23 - 5) - GND (S23 - 15, 22, S20 - 2, 3)	G-B ↔ W-B*1 W-R ↔ W-B*2	IG switch ON, ABS warning light OFF	Below 1.0
AST (S23 - 6) - GND (S23 - 15, 22, S20 - 2, 3)	Y-R ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SRLH (S23 - 7) - GND (S23 - 15, 22, S20 - 2, 3)	G-W ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SFRR (S23 - 8) - GND (S23 - 15, 22, S20 - 2, 3)	G ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
E3 (S23 - 12) - GND (S23 - 15, 22, S20 - 2, 3)	Y ↔ W-B	IG switch OFF	Continuity
FSS (S23 - 13) - GND (S23 - 15, 22, S20 - 2, 3)	Shielded ↔ W-B	IG switch OFF	Continuity
MT (S23 - 14) - GND (S23 - 15, 22, S20 - 2, 3)	L-Y ↔ W-B	IG switch ON (Motor relay is OFF)	Below 1.5
SFRH (S23 - 16) - GND (S23 - 15, 22, S20 - 2, 3)	B-W ↔ W-B*1 W-R ↔ W-B*2	IG switch ON, ABS warning light OFF	10 - 14
PMC2 (S23 - 18) - E3 (S23 - 12)	L ↔ Y	IG switch ON, stop light switch OFF	0.3 - 0.8
VCM2 (S23 - 21) - GND (S23 - 15, 22, S20 - 2, 3)	G ↔ W-B	IG switch ON	4.5 - 5.5
CSW (S22 - 7) - GND (S23 - 15, 22, S20 - 2, 3)	LG-R ↔ W-B	IG switch ON, CSW is OFF	10 - 14
NEO (S22 - 26) - GND (S23 - 15, 22, S20 - 2, 3)	G ↔ W-B	Engine idling	Pulse generation
D/G (S22 - 28) - GND (S23 - 15, 22, S20 - 2, 3)	W-R ↔ W-B*1 W ↔ W-B*2	IG switch ON	10 - 14
WA (S21 - 1) - GND (S23 - 15, 22, S20 - 2, 3)	W-L ↔ W-B	IG switch ON, ABS warning light ON	10 - 14
		IG switch ON, ABS warning light OFF	Below 2.0
SP1 (S21 - 2) - GND (S23 - 15, 22, S20 - 2, 3)	R-Y ↔ W-B*1 V-W ↔ W-B*2	Vehicle drives at about 20 km/h (12 mph)	Pulse generation

STP (S21 - 3) - GND (S23 - 15, 22, S20 - 2, 3)	G-R ↔ W-B	Stop light switch OFF	Below 1.5
		Stop light switch ON	8 - 14
WT (S21 - 4) - GND (S23 - 15, 22, S20 - 2, 3)	LG ↔ W-B	IG switch ON, TRC OFF indicator light ON	Below 2.0
		IG switch ON, TRC OFF indicator light OFF	10 - 14
IND (S21 - 6) - GND (S23 - 15, 22, S20 - 2, 3)	L-Y ↔ W-B	IG switch ON, SLIP indicator light ON	Below 2.0
		IG switch ON, SLIP indicator light OFF	10 - 14
IG1 (S21 - 7) - GND (S23 - 15, 22, S20 - 2, 3)	B-R ↔ W-B	IG switch ON	10 - 14
BRL (S21 - 8) - GND (S23 - 15, 22, S20 - 2, 3)	Y-G ↔ 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+ (S21 - 9) - ENG- (S21 - 18)	L-B ↔ P	IG switch ON	Pulse generation
Ts (S21 - 10) - GND (S23 - 15, 22, S20 - 2, 3)	W-L ↔ W-B	IG switch ON	10 - 14
TRC+ (S21 - 11) - TRC- (S21 - 20)	R-Y ↔ W-G	IG switch ON, ABS warning light OFF	Pulse generation
FRO (S21 - 13) - GND (S23 - 15, 22, S20 - 2, 3)	W-R ↔ W-B	Vehicle drives at about 20 km/h (12 mph)	Pulse generation
RR+ (S21 - 16) - RR- (S21 - 15)	GR ↔ B*1 W ↔ B*2	IG switch ON, slowly turn right rear wheel	Pulse generation
PKB (S21 - 21) - GND (S23 - 15, 22, S20 - 2, 3)	Y-R ↔ W-B	IG switch ON, parking brake switch ON	Below 1.5
		IG switch ON, parking brake switch OFF	10 - 14
RL+ (S21 - 22) - RL- (S21 - 23)	R ↔ L	IG switch ON, slowly turn left rear wheel	Pulse generation
R+ (S20 - 1) - GND (S23 - 15, 22, S20 - 2, 3)	L-B ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SRM1 (S20 - 4) - GND (S23 - 15, 22, S20 - 2, 3)	B-Y ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SRC2 (S20 - 5) - GND (S23 - 15, 22, S20 - 2, 3)	G-R ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SFLH (S20 - 6) - GND (S23 - 15, 22, S20 - 2, 3)	L-R ↔ W-B*1 W-G ↔ W-B*2	IG switch ON, ABS warning light OFF	10 - 14
SFLR (S20 - 7) - GND (S23 - 15, 22, S20 - 2, 3)	L-Y ↔ W-B*1 W ↔ W-B*2	IG switch ON, ABS warning light OFF	10 - 14
SRRH (S20 - 8) - GND (S23 - 15, 22, S20 - 2, 3)	L-O ↔ W-B*1 R-W ↔ W-B*2	IG switch ON, ABS warning light OFF	10 - 14
SRRR (S20 - 9) - GND (S23 - 15, 22, S20 - 2, 3)	G-Y ↔ W-B*1 W-L ↔ W-B*2	IG switch ON, ABS warning light OFF	10 - 14
SR (S20 - 10) - R1+ (S10 - 1)	L-R ↔ L-B	IG switch ON, ABS warning light OFF	10 - 14
FR+ (S20 - 13) - FR- (S20 - 12)	O ↔ B	IG switch ON, slowly turn right front wheel	Pulse generation
SRM2 (S20 - 21) - GND (S23 - 15, 22, S20 - 2, 3)	B-O ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
MR (S20 - 23) - GND (S23 - 15, 22, S20 - 2, 3)	W-L ↔ W-B	IG switch ON, ABS motor stops	10 - 14
MRF (S20 - 24) - GND (S23 - 15, 22, S20 - 2, 3)	R-Y ↔ W-B	IG switch ON, ABS warning light OFF	Below 2.0

## DIAGNOSTICS - ABS WITH EBD &amp; BA &amp; TRC SYSTEM

LBL (S20 - 25) - GND (S23 - 15, 22, S20 - 2, 3)	Y-R ↔ W-B	IG switch ON, fluid in master cylinder reservoir above MIN level	4 - 10
FL+ (S20 - 28) - FL- (S20 - 27)	LG ↔ V	IG switch ON, slowly turn left front wheel	Pulse generation
SRC1 (S20 - 31) - GND (S23 - 15, 22, S20 - 2, 3)	G-O ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14

\*1: LHD

\*2: RHD