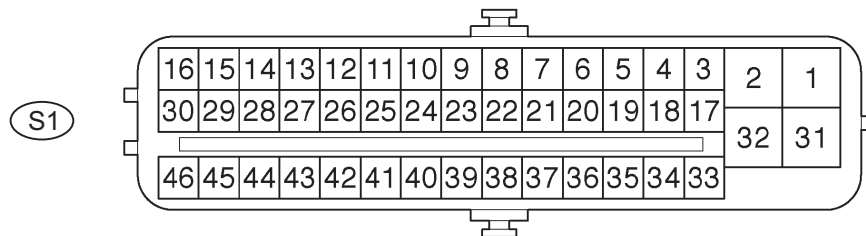


TERMINALS OF ECU

1. TERMINALS OF ECU

Skid control ECU:



N

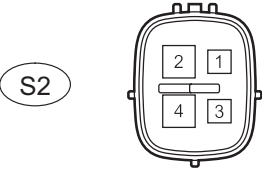
C110610E02

Symbols (Terminal No.)	Terminal Description
GND (1)	Skid control ECU ground
+BM1 (2)	Power supply for motor
FR+ (3)	Front RH wheel speed sensor power supply
FL- (4)	Front LH wheel speed signal input
RR+ (5)	Rear RH wheel speed sensor power supply
RL- (6)	Rear LH wheel speed signal input
STP (7)	Stop light switch input
CANH (11)	CAN communication line H
SP1 (12)	Speed signal output for combination meter
D/G (13)	Diagnosis tester communication line
P/R (14)	Shift position indicator P signal input
INFR (15) (*1)	AUTO LSD indicator light output
STPO (16)	Stop light operated relay output
FR- (17)	Front RH wheel speed sensor input
FL+ (18)	Front LH wheel speed sensor power supply output
RR- (19)	Rear RH wheel speed sensor input
RL+ (20)	Rear LH wheel speed sensor power supply output
EXI4 (21) (*2)	Detection (L4) switch input
TS (24)	Sensor test terminal (Sensor check switch) input
CANL (25)	CAN communication line L
EXI3 (26)	Rear differential lock detection switch input
EXI (27)	4WD switch input
PKB (28)	Parking brake switch input
WA (29)	ABS warning light input
BZ (30)	Buzzer output
+BS (31)	Power supply for solenoid
GND2 (32)	Skid control ECU ground
HDCW (33) (*3)	DAC operation indicator light output
IND (34)	SLIP indicator light output
WT (35)	VSC OFF indicator light output
VSCW (36)	VSC TRAC warning light output
LBL (41)	Brake fluid level warning switch input
WFSE (42)	Write flash enable input
CSW (43) (*3)	AUTO LSD switch input
HDCS (44) (*3)	DAC operation switch input
STP2 (45)	Stop light switch input

BC

Symbols (Terminal No.)	Terminal Description
IG1 (46)	IG1 power supply

Skid Control ECU:



H

C124763E01

Symbols (Terminal No.)	Terminal Description
IG2 (1)	IG2 Power supply
+BM2 (2)	Power supply for motor
BRL (3)	BRAKE warning light output
GND3 (4)	Skid control ECU ground

- (* 1): with AUTO LSD
- (* 2): 4WD
- (* 3): with Downhill assist control

2. TERMINAL INSPECTION

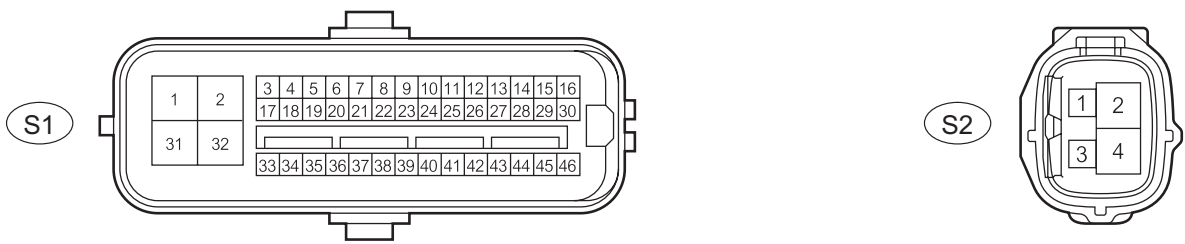
Disconnect the connector and measure the voltage or resistance on the wire harness side.

HINT:

Voltage cannot be measured with the connector connected to the skid control ECU as the connector is water resistant.

BC

Skid Control ECU (Wire Harness Side)
Connector Front View:



H

C124764E01

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
+BM1 (S1-2) - GND (S1-1, 32)	B - W-B	Power supply for motor From battery	Always	10 to 14 V
IG1 (S1-46) - GND (S1-1, 32)	LG - W-B	IG1 power supply	IG switch OFF	Below 1 V
IG1 (S1-46) - GND (S1-1, 32)	LG- B-W	IG1 power supply	IG switch ON	10 to 14 V
STP (S1-7) - GND (S1-1, 32)	G-W - W-B	Stop light switch input	Stop light switch OFF (Brake pedal released)	Below 1.5 V

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
STP (S1-7) - GND (S1-1, 32)	G-W - W-B	Stop light switch input	Stop light switch ON (Brake pedal released)	8 to 14 V
P/R (S1-14) - GND (S1-1, 32) (*1)	BR-W - W-B	Shift position indicator P signal input	IG switch ON, shift P position	8 to 14 V
P/R (S1-14) - GND (S1-1, 32) (*1)	BR-W - W-B	Shift position indicator P signal input	IG switch ON, any shift position except P	Below 1 V
PKB (S1-28) - GND (S1-1, 32)	G-Y - W-B	Parking brake switch input	IG switch ON, parking brake switch ON	Below 1.5 V
PKB (S1-28) - GND (S1-1, 32)	G-Y - W-B	Parking brake switch input	IG switch ON, parking brake switch OFF	10 to 14 V
+BS (S1-31) - GND (S1-1, 32)	R - W-B	Power supply for solenoid Form battery	Always	10 to 14 V
LBL (S1-41) - GND (S1-1, 32)	V-W - W-B	Brake fluid level warning switch input	Brake fluid level min. -5mm	Below 1 Ω
LBL (S1-41) - GND (S1-1, 32)	V-W - W-B	Brake fluid level warning switch input	Brake fluid level max.	1.9 to 2.1 Ω
STP2 (S1-45) - GND (S1-1, 32)	L - W-B	Stop light switch input	Stop light switch OFF (Brake pedal released)	Below 1.5 V
STP2 (S1-45) - GND (S1-1, 32)	L - W-B	Stop light switch input	Stop light switch ON (Brake pedal released)	8 to 14 V
IG2 (S2-1) - GND (S2-4)	O - W-B	IG2 power supply	IG switch OFF	Below 1 V
IG2 (S2-1) - GND (S2-4)	O - W-B	IG2 power supply	IG switch ON	10 to 14 V
+BM2 (S2-2) - GND (S2-4)	B - W-B	Power supply for motor From battery	Always	10 to 14 V

(*1): A/T