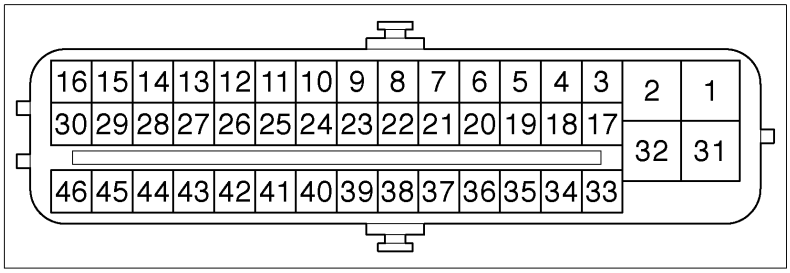
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TERMINALS OF ECU

1. TERMINALS OF ECU

Skid Control ECU:



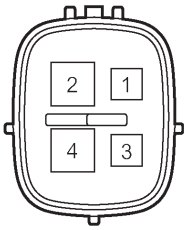
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Symbols (Terminal No.)	Terminal Description
GND1 (1)	Skid control ECU ground
+BM1 (2)	Power supply for motor
FR+ (3)	Front RH wheel speed sensor power supply output
FL– (4)	Front LH wheel speed sensor input
RR+ (5)	Rear RH wheel speed sensor power supply output
RL– (6)	Rear LH wheel speed sensor input
STP (7)	Stop light switch input
NEO (10)	Center diff. lock indicator light input
CANH (11)	CAN communication line H
SP1 (12) (*1)	Speed signal output for combination meter
D/G (13)	Diagnosis tester communication line
P (14) (*1)	Shift position indicator P signal input
INFR (15) (*2)	TEMS & air suspension demand output
STPO (16)	Stop light operation 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)	Transfer indicator (L4) switch input
TS (24)	Sensor test terminal (Signal check switch) input
CANL (25)	CAN communication line L
EXI (27)	Center diff. lock switch input
PKB (28)	Parking brake switch input
WA (29)	ABS warning light output
BZ (30)	Skid control buzzer output
+BS (31)	Power supply for solenoid
GND2 (32)	Skid control ECU ground
HDCW (33) (*1)	DAC indicator light output
IND (34)	Slip indicator light output
WT (35)	VSC OFF indicator light output
VSCW (36)	VSC TRC warning light output
FRO (37)	Front RH wheel speed output
FLO (38)	Front LH wheel speed output
LBL (41)	Brake fluid level warning switch input
WFSE (42)	Write flash enable input
CSW (43) (*2)	Suspension control ECU monitor input
HDCS (44) (*1)	DAC switch input

Symbols (Terminal No.)	Terminal Description
STP2 (45)	Stop light switch input
IG1 (46)	IG1 power supply

Skid Control ECU:



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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): Automatic Transaxle

(*2): TEMS & Air Suspension

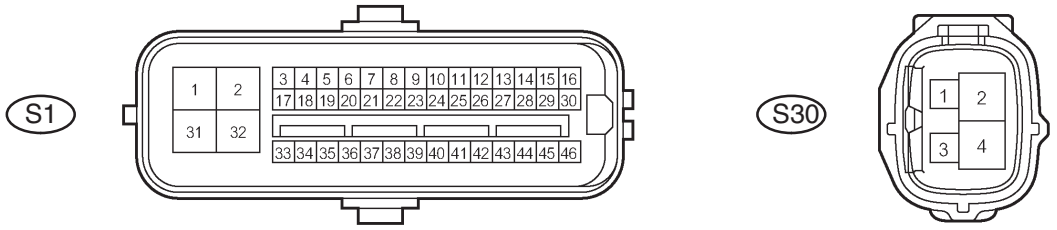
2. TERMINAL INSPECTION

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

HINT:

Voltage can not be measured with the connector connected to the skid control ECU as the connector is water resistance.

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



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Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
+BM1 (S1–2) – GND (S1–1, 32) (S30–4)	B–Y – W–B	Power supply for motor (From battery)	Always	10 to 14 V
STP (S1–7) – GND (S1–1, 32) (S30–4)	G–Y – W–B	Stop light switch input	Stop light switch ON → OFF (Brake pedal depressed → released)	8 to 14 V → Below 1.5 V
P (S1–14) – GND (S1–1, 32) (S30–4) (*1)	G–B – W–B	Shift position indicator P signal input	Ignition switch ON, shift P position → any shift position except P	8 to 14 V → Below 1.5 V
PKB (S1–28) – GND (S1–1, 32) (S30–4)	LG – W–B	Parking brake switch input	Ignition switch ON, parking brake switch ON → OFF	Below 1.5 V → 10 to 14 V
+BS (S1–31) – GND (S1–1, 32) (S30–4)	Y – W–B	Power supply for solenoid (From battery)	Always	10 to 14 V
LBL (S1–41) – GND (S1–1, 32) (S30–4)	LG – W–B	Brake fluid level warning switch input	Brake fluid level is –5 mm from the minimum level → maximum level	Below 1 Ω → 1.9 to 2.1 kΩ
STP2 (S1–45) – GND (S1–1, 32) (S30–4)	G – W–B	Stop light switch input	Stop light switch ON → OFF (Brake pedal depressed → released)	8 to 14 V → Below 1.5 V
IG1 (S1–46) – GND (S1–1, 32) (S30–4)	B–R – W–B	IG1 power supply	Ignition switch OFF → ON	Below 1 V → 10 to 14 V
IG2 (S30–1) – GND (S1–1, 32) (S30–4)	B–O – W–B	IG2 power supply	Ignition switch OFF → ON	Below 1 V → 10 to 14 V
+BM2 (S30–2) – GND (S1–1, 32) (S30–4)	B–Y – W–B	Power supply for motor (From battery)	Always	10 to 14 V

(*1): Automatic Transaxle