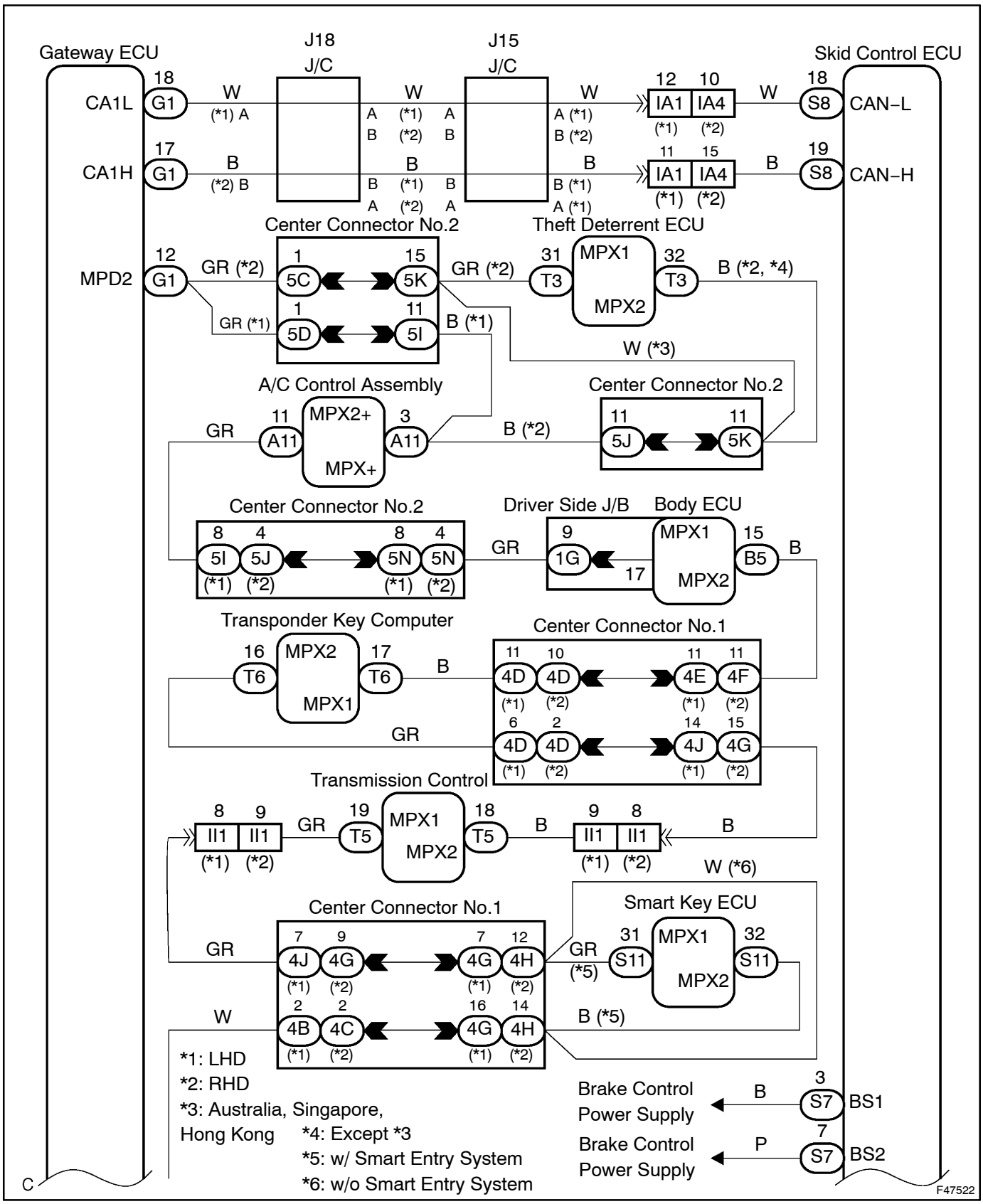
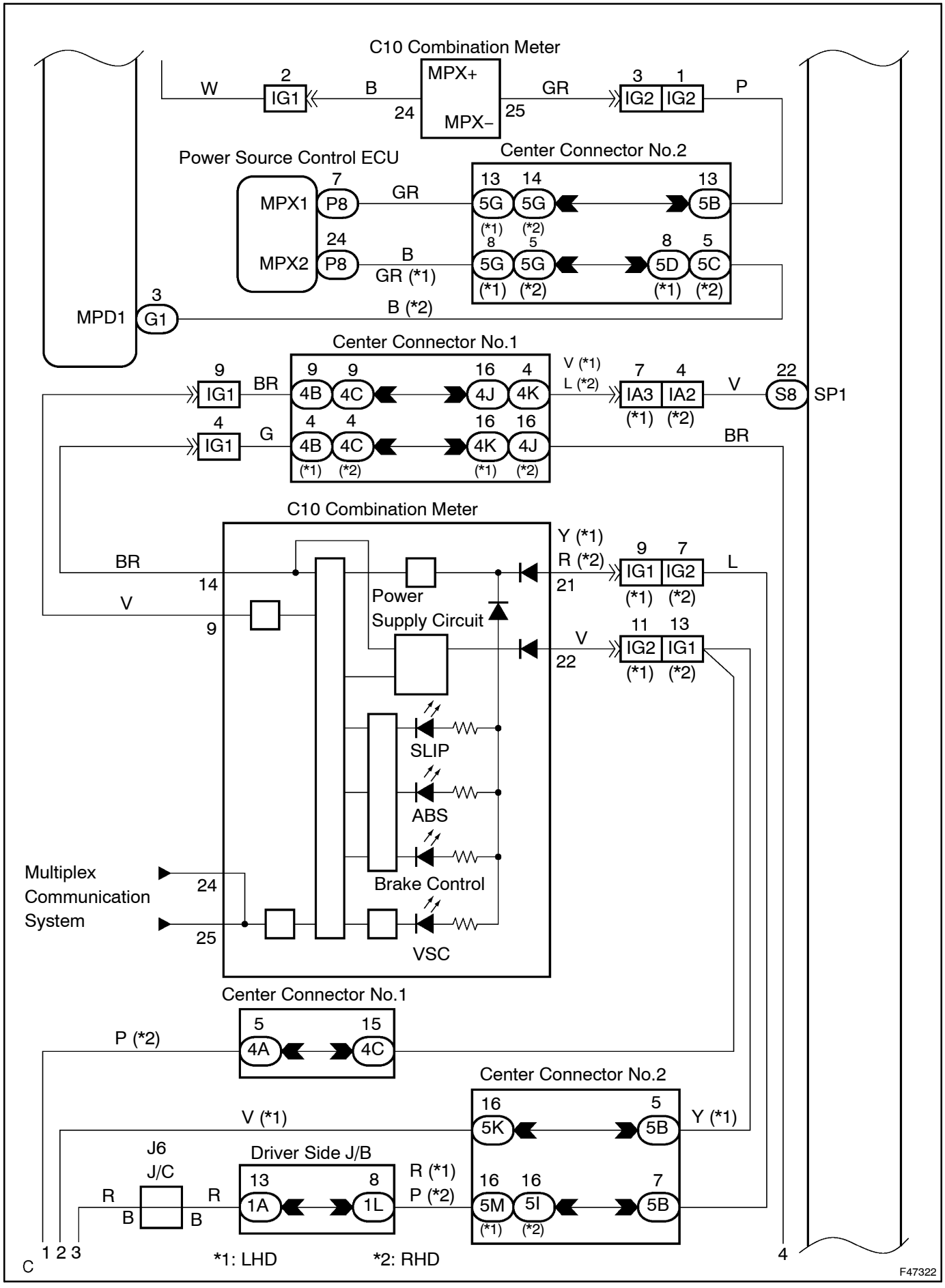
BRAKE CONTROL WARNING LIGHT CIRCUIT (REMAINS ON)

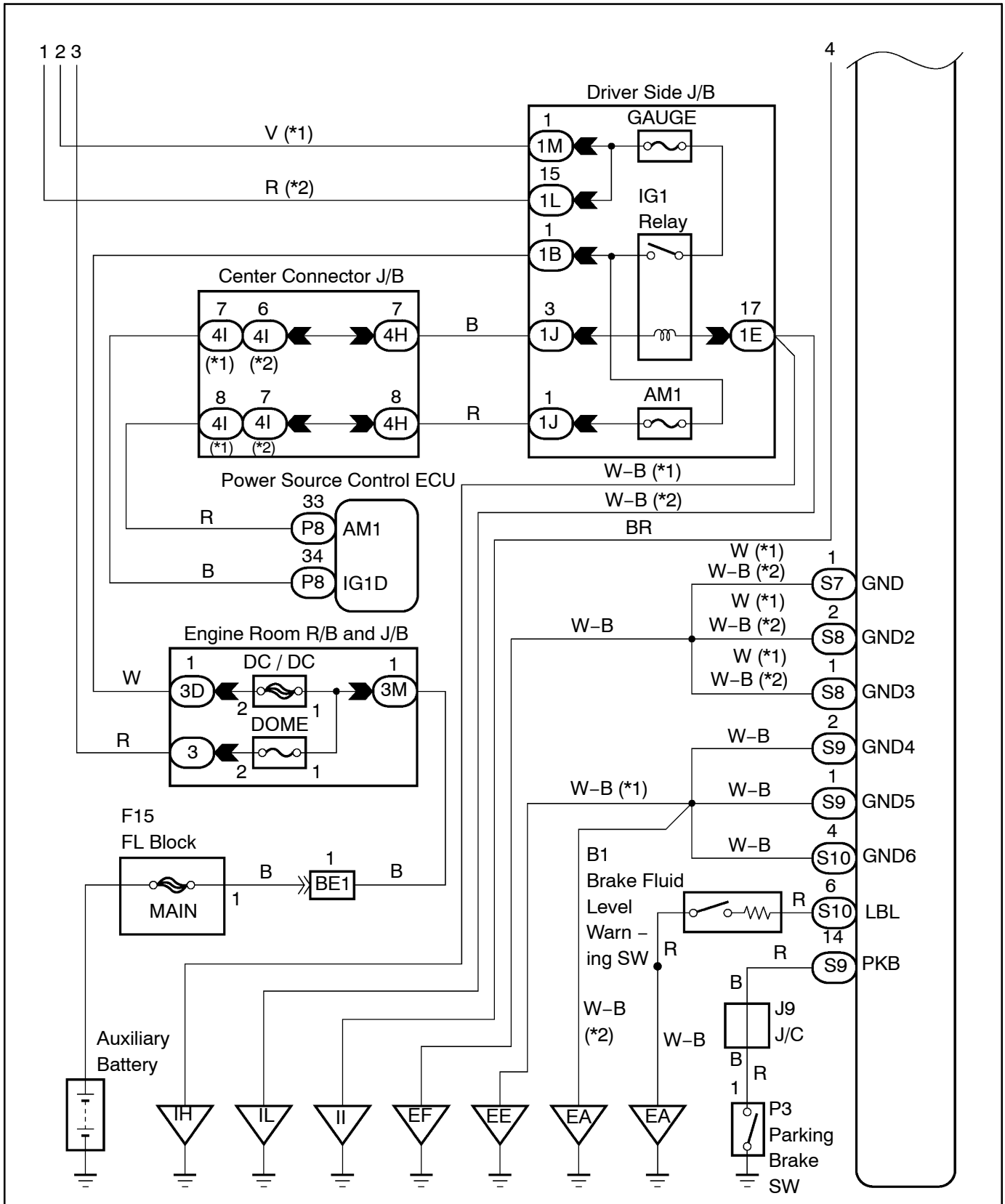
CIRCUIT DESCRIPTION

The skid control ECU is connected to the combination meter via CAN and Multiplex communications. Informs the driver when there is trouble with ECB or a problem with the brake system that has no influence on driving, by turning on.

WIRING DIAGRAM




C10 Combination Meter
MPX+
MPX–
W
B
GR
P
IG1
IG2
Power Source Control ECU
MPX1
MPX2
P8
Center Connector No.2
5G
5B
5D
5C
GR (*1)
B (*2)
MPD1
G1
Center Connector No.1
4B
4C
4J
4K
4A
BR
G
V (*1)
L (*2)
IA3
IA2
S8
SP1
V
C10 Combination Meter
Y (*1)
R (*2)
L
Power
Supply Circuit
SLIP
ABS
Brake Control
VSC
Multiplex
Communication
System
P (*2)
V (*1)
Y (*1)
J6
J/C
Driver Side J/B
1A
1L
R (*1)
P (*2)
5K
5I
5M
*1: LHD
*2: RHD
C
F47322



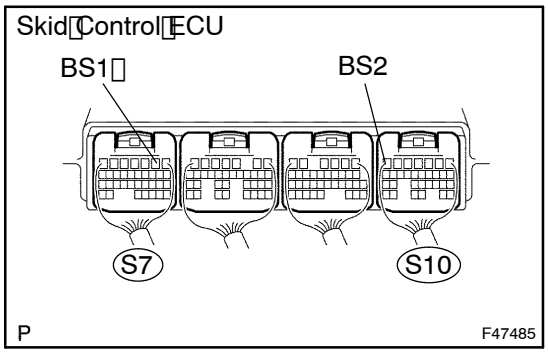
*1: LHD
*2: RHD
*3: Australia, Singapore, Hong Kong
*4: Except *3
*5: w/ Smart Entry System
*6: w/o Smart Entry System

C

F47321

INSPECTION PROCEDURE

1 INSPECT SKID CONTROL ECU TERMINAL VOLTAGE (BS1, BS2)



(a) Measure the voltage according to the value(s) in the table below.

HINT:

Measure the voltage from behind the connector with the connector connected to the skid control ECU.

Standard:

Tester Connection	Specified Condition
S7–3 (BS1) – Body ground	10 to 14 V
S10–7 (BS2) – Body ground	10 to 14 V

NG → CONNECT CONNECTOR TO ECU CORRECTLY

OK

2 PERFORM ACTIVE TEST BY INTELLIGENT TESTER II (SEE PAGE 05–868)

(a) Connect the intelligent tester II to the DLC3.

(b) Turn the power switch ON (READY).

(c) Select the item "ECB Light" in the ACTIVE TEST and operate the Brake Control indicator light on the intelligent tester II.

Item	Vehicle Condition / Test Details	Diagnostic Note
ECB Light	Turns Brake Control warning light ON / OFF	Observe combination meter

(d) Check that "ON" and "OFF" of the Brake Control warning light are indicated on the combination meter when using the intelligent tester II.

OK:

The Brake Control indicator light turns on or off in accordance with the intelligent tester II.

NG → REPAIR OR REPLACE COMBINATION METER ASSY (SEE PAGE 05–1684)

OK

REPLACE SKID CONTROL ECU ASSY (SEE PAGE 32–81 or 32–82)

NOTICE:

When replacing the skid control ECU assy, perform initialization of linear solenoid valve and calibration (see page 05–721).