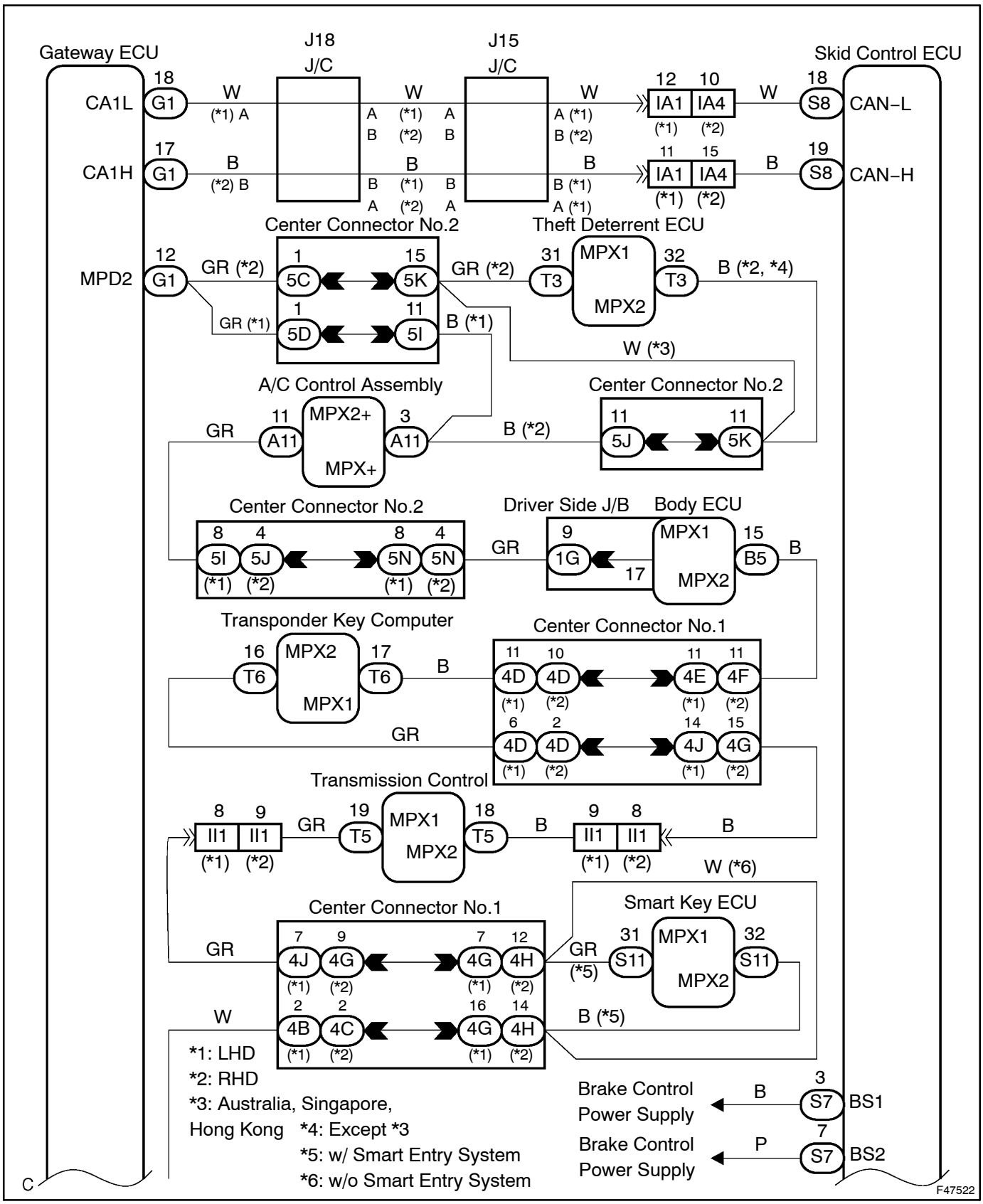
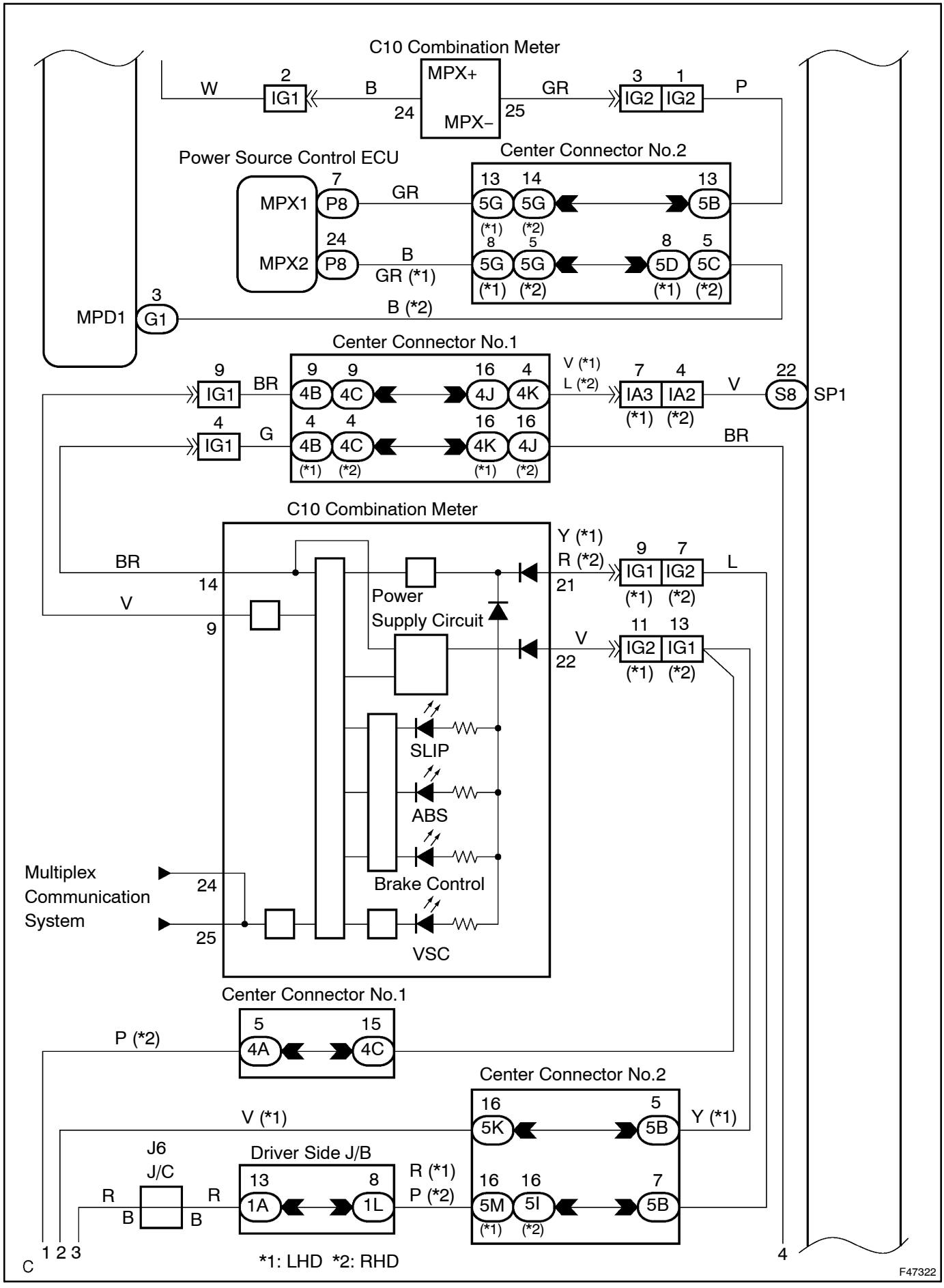
ABS WARNING LIGHT CIRCUIT (REMAINS ON)

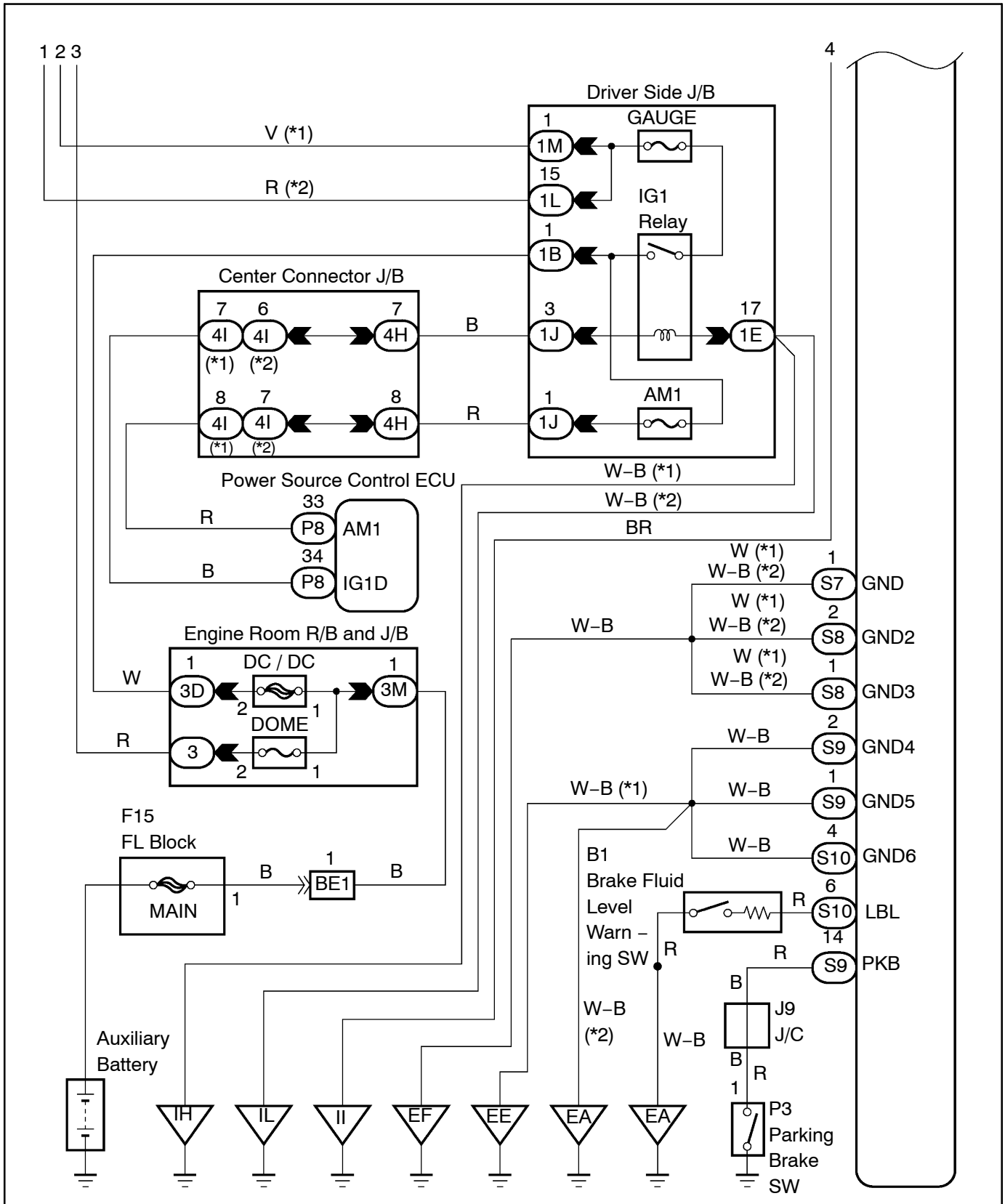
CIRCUIT DESCRIPTION

Inform the driver that there is trouble with ABS by illuminating the ABS warning light.
When DTC output is normal and the ABS warning lamp remains on, perform troubleshooting as indicated below.

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
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
5K
5M
5I
R (*1)
P (*2)
*1: LHD *2: RHD
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	PERFORM ACTIVE TEST BY INTELLIGENT TESTER II (ABS WARNING LIGHT)

(a) Connect the intelligent tester II to the DLC3 and start the engine.
(b) Select the item "ABS Warning Light" in the ACTIVE TEST and operate the ABS warning light on the intelligent tester II.

Item	Vehicle Condition / Test Details	Diagnostic Note
ABS Warning Light	Turns ABS warning light ON / OFF	Observe combination meter

(c) Check that "ON" and "OFF" of the ABS warning light can be shown on the combination meter by the intelligent tester II.

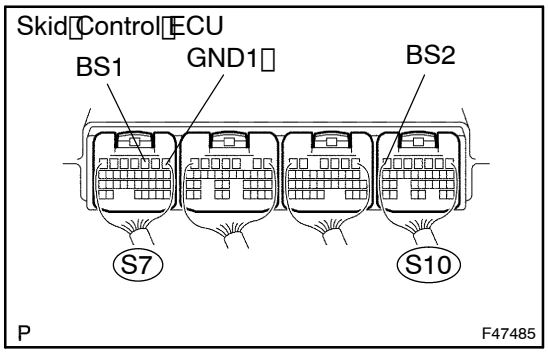
Standard:

The ABS warning light turns on or off in accordance with the intelligent tester II.

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

OK

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



(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) – S7–1 (GND1)	10 to 14 V
S10–7 (BS2) – S7–1 (GND1)	10 to 14 V

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).