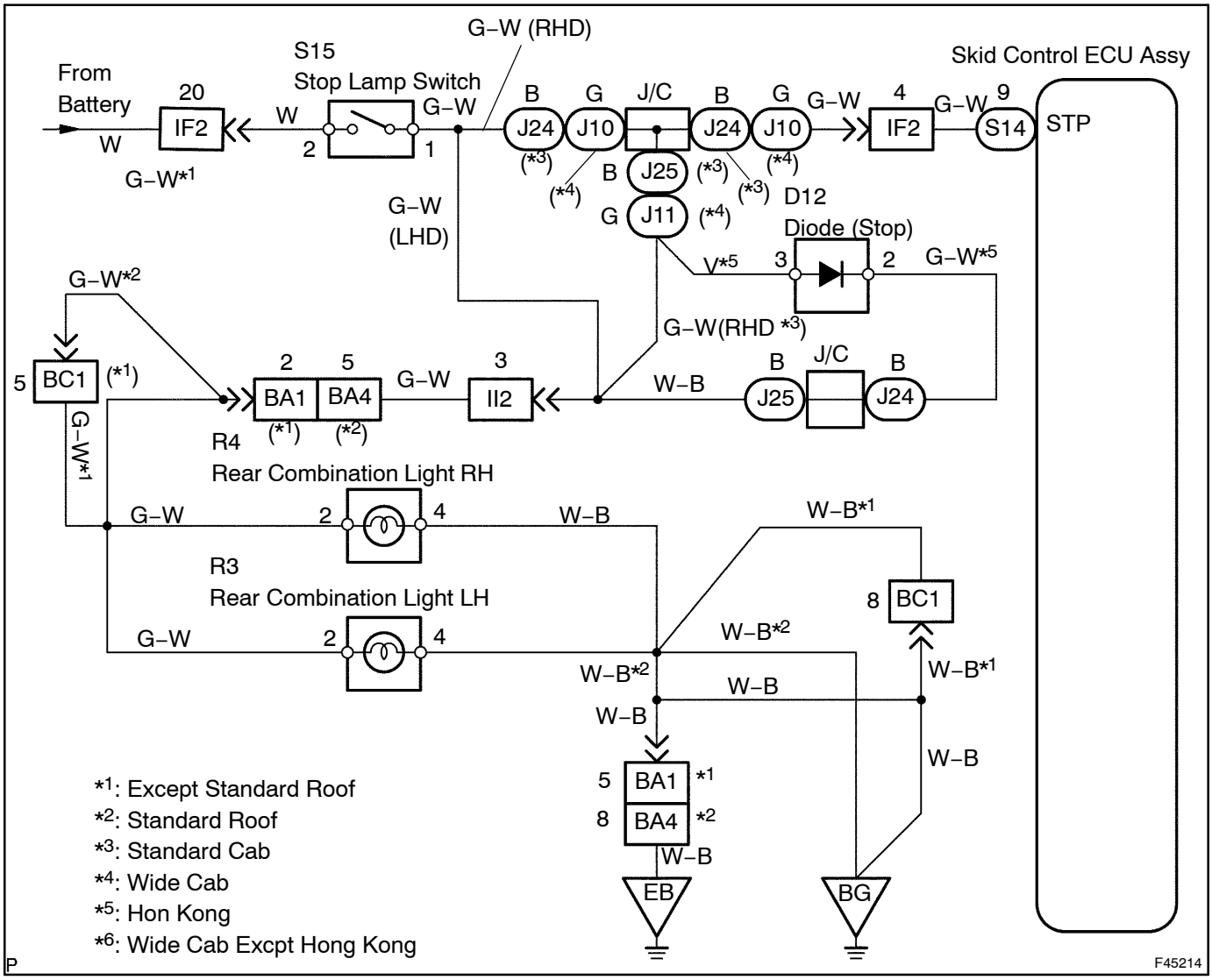
DTC	C1249/49	OPEN CIRCUIT IN STOP LIGHT SWITCH CIRCUIT

CIRCUIT DESCRIPTION

DTC No.	DTC Detection Condition	Trouble Area
C1249/49	ECU terminal IG1 voltage is 19 to 36 V and ABS is not operating, open circuit in stop lamp switch circuit continues for 0.3 sec. or more	• Stop lamp bulb • Stop lamp switch • Stop lamp switch circuit

Fail–safe function:
If any trouble occurs in the stop lamp switch circuit, the ECU will cut off the current to the ABS solenoid relay and prohibit the ABS controls and BRAKE ASSIST.
HINT:
If the brake pedal is depressed firmly, the brake force may be lowered.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK STOP LAMP SWITCH ASSY (OPERATION)

(a) Check that the stop lamp lights up when the brake pedal is depressed and turns off when the brake pedal is released.

OK ⇒ **Go to step 3**

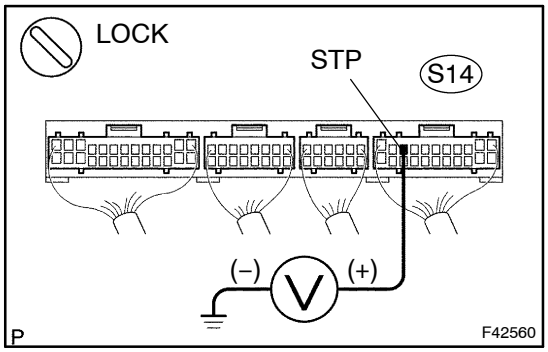
NG

2	CHECK STOP LAMP SWITCH ASSY (CIRCUIT)

NG ⇒ **REPAIR OR REPLACE STOP LAMP SWITCH ASSY**

OK

3	CHECK SKID CONTROL ECU ASSY (VOLTAGE)



(a) Remove the ECU with the S14 connectors still connected.
(b) Measure the voltage between terminal STP (S14–9) of the S14 ECU and the body ground when the brake pedal is depressed.
Standard: 20 – 28 V

OK ⇒ **CHECK AND REPLACE SKID CONTROL ECU ASSY (See page 01–27)**

NG

4	CHECK WIRE HARNESS (STOP LAMP SWITCH ASSY ⇔ SKID CONTROL ECU ASSY)

(a) Check for open and short circuit in the harness and connector between the S15 switch and S14 ECU connectors (See page 01–27).

NG ⇒ **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05–213)