DI0WX–10

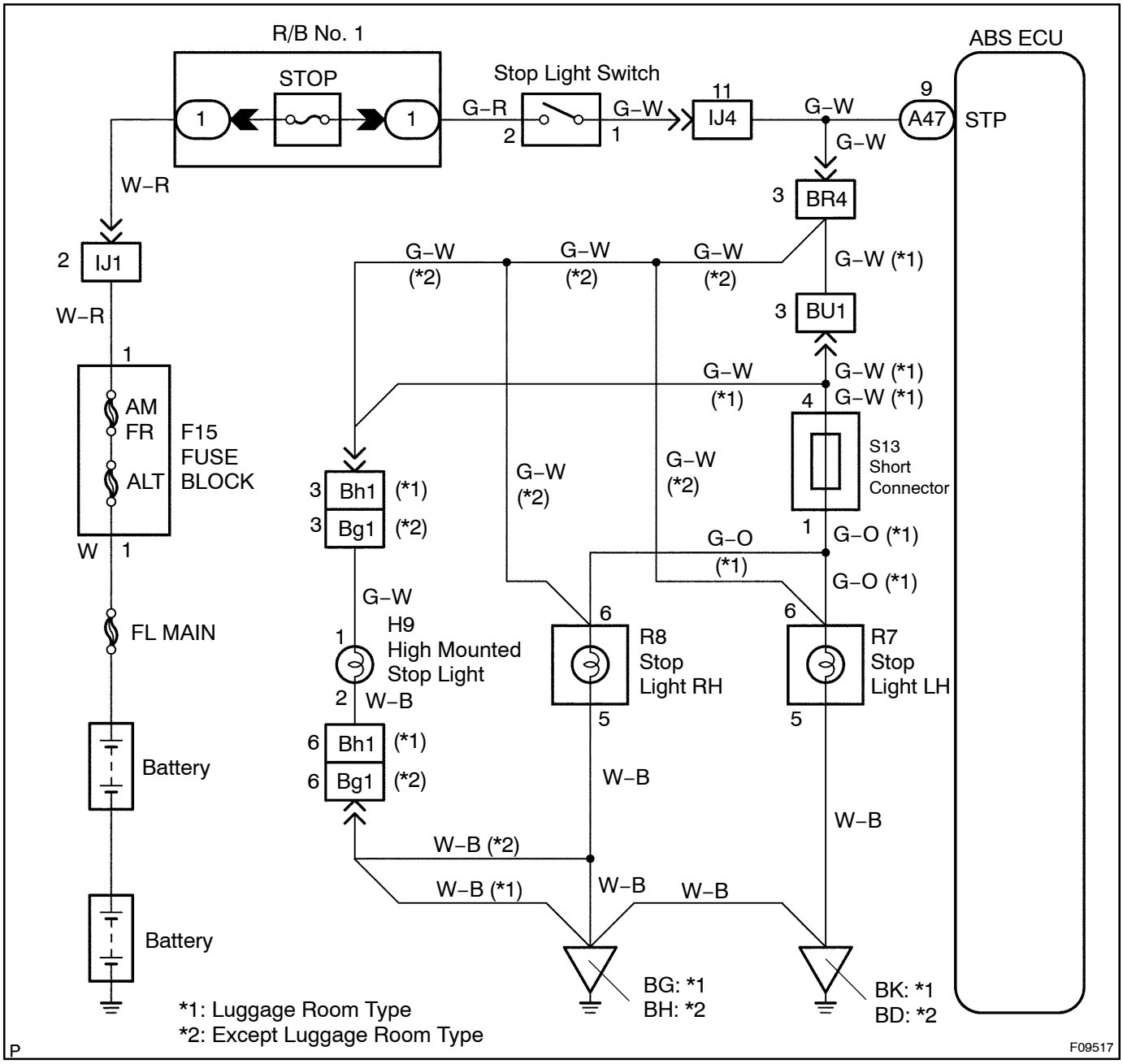
DTC	C1249 / 49	Stop Light Switch Circuit

CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1249 / 49	ECU terminal IG1 voltage is 19 to 36 V and ABS is in non–operation, the open circuit of stop light switch circuit continues for 0.3 sec. or more.	• Stop light switch • Stop light switch circuit

Fail safe function:
If any trouble occurs in the stop light switch circuit, the ECU cuts off current to the ABS solenoid relay and prohibits ABS controls and BRAKE PRESSURE INCREASE FUNCTION.
HINT:
When the brake pedal is depressed firmly, the brake force may be lowered.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check operation of the stop light switch.**

CHECK:
Check that the stop light lights up when brake pedal is depressed and turns off when the brake pedal is released.

OK → **Go to step 3.**

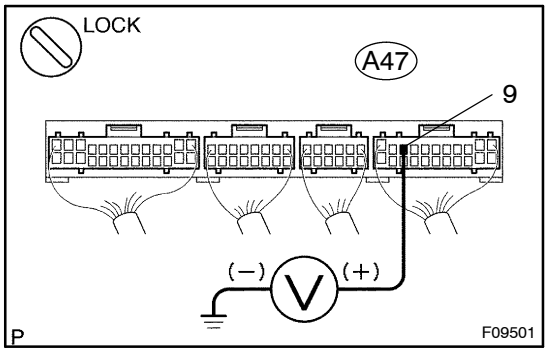
NG

2	**Check stop light circuit (See Pub. No. RM339E on page BE–28).**

NG → **Repair or replace stop light circuit.**

OK

3	**Check voltage between terminal STP (A47 – 9) of ABS ECU and body ground.**



PREPARATION:
Remove ABS ECU with connectors still connected.
CHECK:
Measure voltage between terminal STP (A47 – 9) of ABS ECU and body ground when brake pedal is depressed.
OK:
Voltage: 20 – 28 V

OK → **Check and replace ABS ECU.**

NG

4	**Check for open circuit in harness and connector between ABS ECU and stop light switch (See page IN–21).**

NG → **Repair or replace harness or connector.**

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI–14).