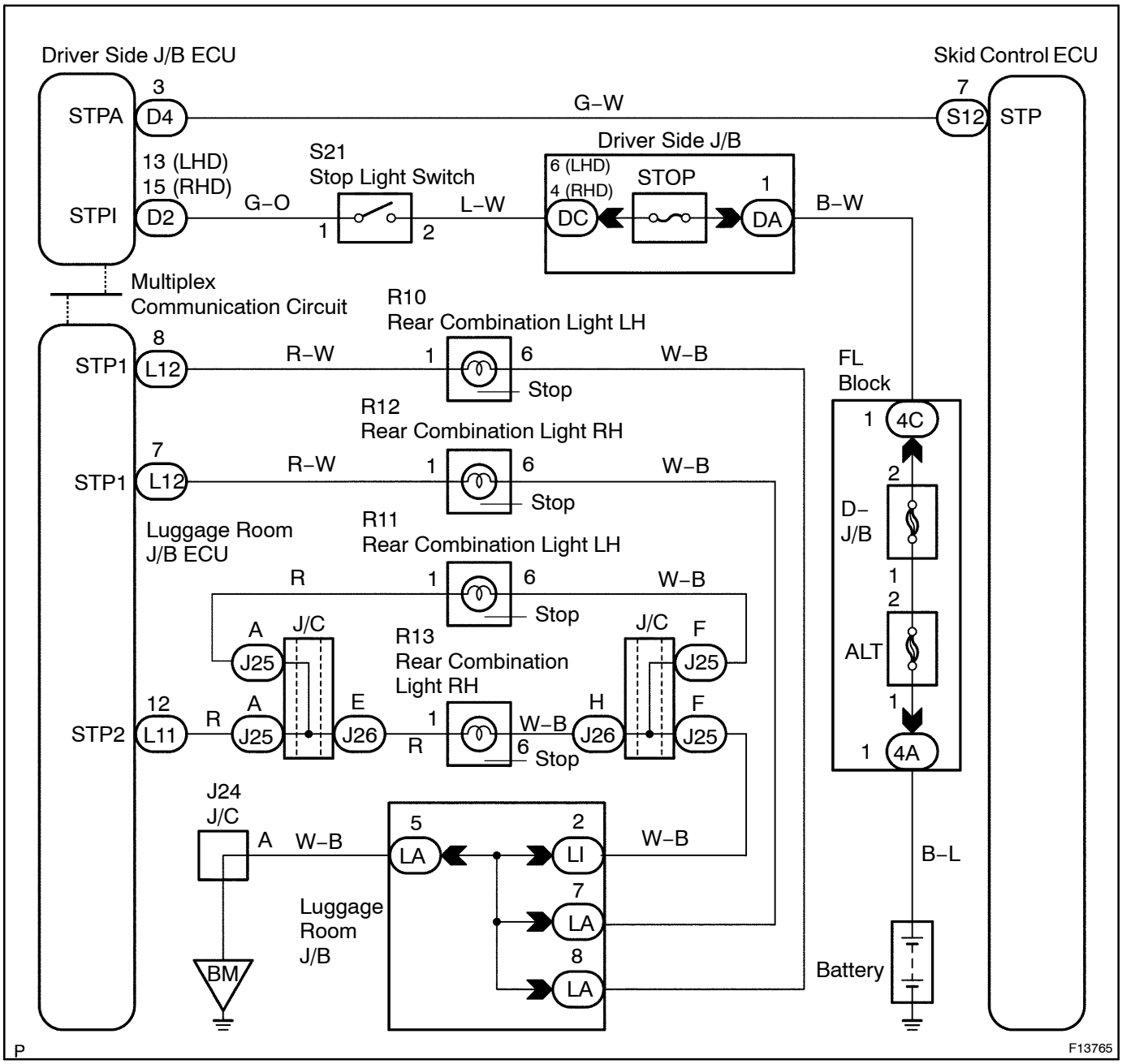
DI0WX–13

DTC	C1249 / 49	Stop Light Switch Circuit

CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1249 / 49	Detection of either condition 1. or 2.: 1. When IG1 terminal voltage is 9.5 to 17.2 V, open circuit of the stop light switch continues for 0.3 sec. or more. 2. When the brake pedal load sensing switch is ON, master cylinder pressure is 2 Mpa or more and the deceleration calculated from the vehicle speed is 0.2 G or more, the condition that the stop light switch is OFF continues for 0.2 sec. or more.	• Stop light bulb • Stop light switch circuit

WIRING DIAGRAM



LEXUS LS430 (RM792E)

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.

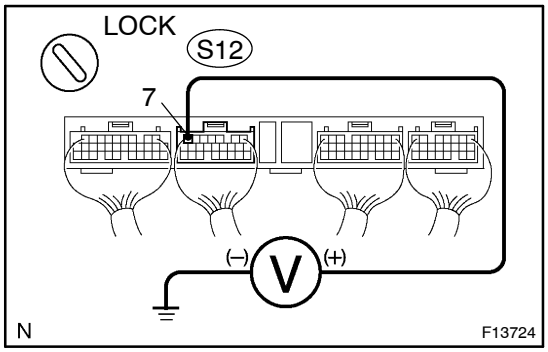
NG

2	Check stop light circuit (See page BE–14).

NG ⇒ Repair or replace stop light circuit.

OK

3	Check voltage between terminal STP of skid control ECU and body ground.



PREPARATION:

Remove the skid control ECU with connectors still connected.

CHECK:

Measure voltage between terminal STP (S12 – 7) of skid control ECU and body ground when brake pedal is depressed.

OK:

Voltage: 8 – 14 V

OK ⇒ Proceed to next circuit inspection shown on problem symptoms table (See page DI–363).

NG

4	Check for open circuit in harness and connector between skid control ECU and stop light switch (See page IN–35).

NG → Repair or replace harness or connector.

OK →

Check and replace skid control ECU.