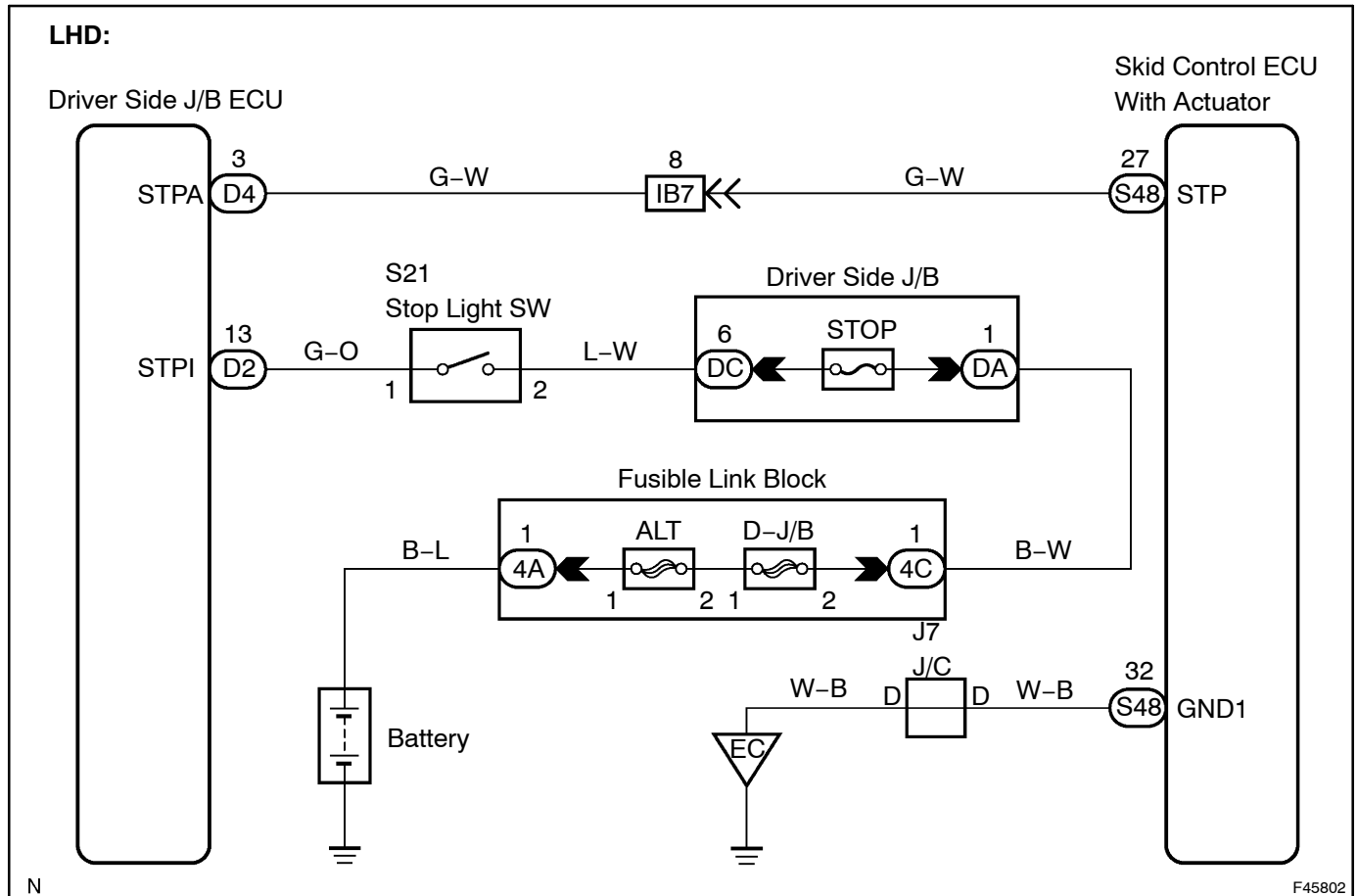


## STOP LAMP SWITCH CIRCUIT

### CIRCUIT DESCRIPTION

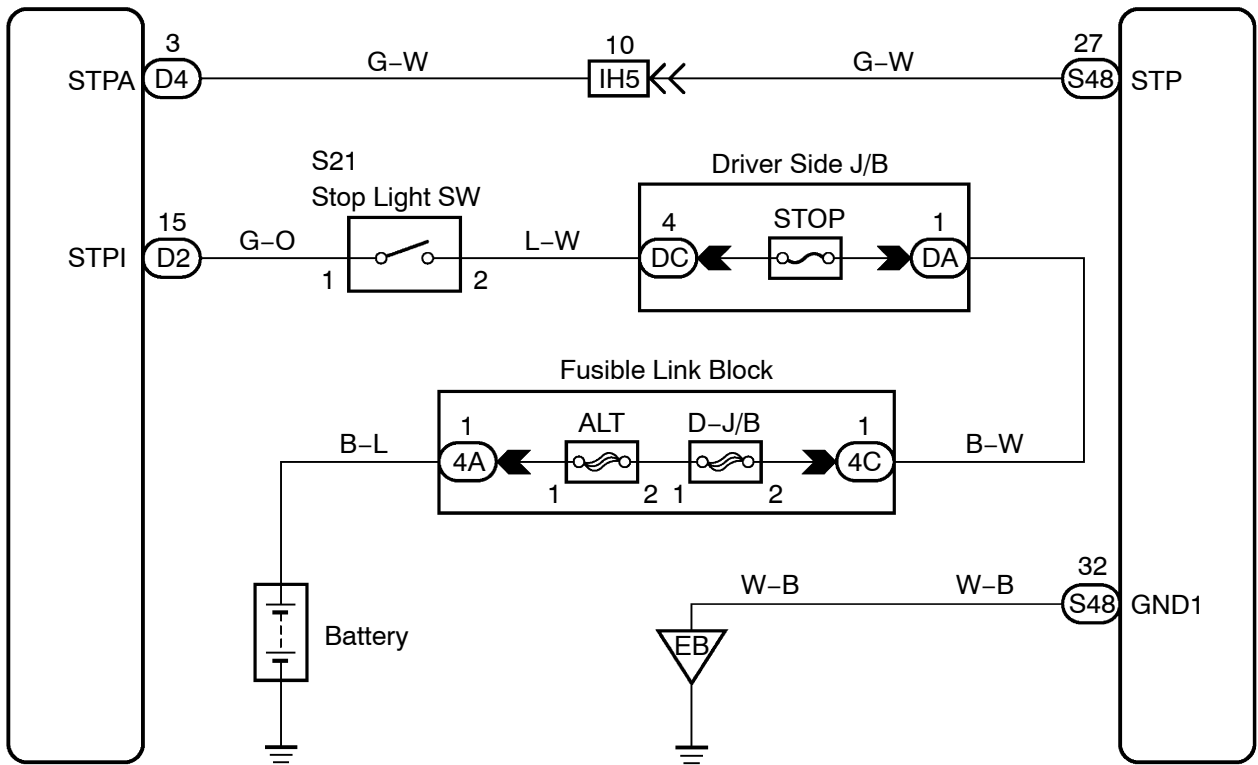
When the stop lamp switch is on (brake pedal is depressed), the skid control ECU prevents tire pressure warning system operation.

### WIRING DIAGRAM



**RHD:**

Driver Side J/B ECU

Skid Control ECU  
With Actuator

F46767

## INSPECTION PROCEDURE

## 1 CHECK STOP LAMP SWITCH OPERATION

- (a) Check that the stop lamp comes on when the brake pedal is depressed, and goes off when the brake pedal is released.

OK:

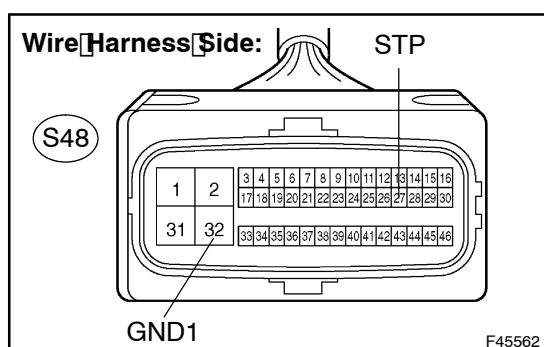
Stop lamp functions normally.

NG

Go to step 3

OK

## 2 CHECK HARNESS AND CONNECTOR (BRAKE ACTUATOR ASSY - STOP LAMP SWITCH ASSY) (SEE PAGE 01-44)



- (a) Disconnect the brake actuator assy S48 connector.  
 (b) Measure the voltage according to the value(s) in the table below.

Standard:

Switch Condition	Tester Connection	Specified Condition
Brake pedal depressed	S48-27 (STP) - S48-32 (GND1)	10 to 14 V
Brake pedal released	S48-27 (STP) - S48-32 (GND1)	Below 1.5 V

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

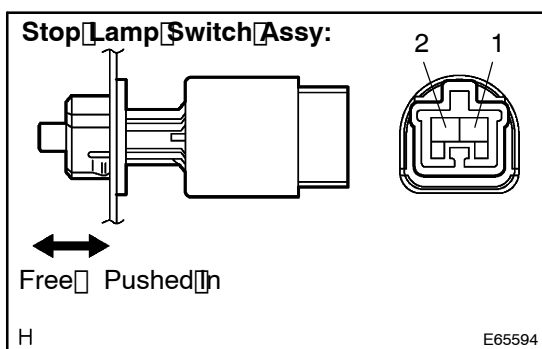
PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE  
 (SEE PAGE 05-352)

## 3 CHECK REAR COMBINATION LAMP ASSY

NG

REPAIR OR REPLACE REAR COMBINATION LAMP ASSY (SEE PAGE 65-21)

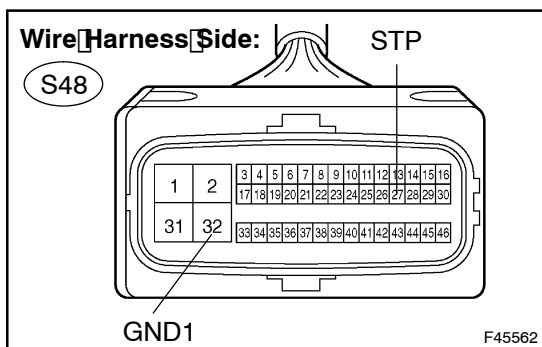
OK

**4 INSPECT STOP LAMP SWITCH ASSY**

- (a) Disconnect the stop lamp switch Assy S21 connector.  
 (b) Measure the resistance according to the value(s) in the table below.

**Standard:**

Switch Condition	Tester Connection	Specified Condition
Switch pin free	1 - 2	Below 1 $\Omega$
Switch pin pushed in	1 - 2	10 k $\Omega$ or higher

**NG****REPLACE STOP LAMP SWITCH ASSY****OK****5 CHECK HARNESS AND CONNECTOR (BRAKE ACTUATOR ASSY - STOP LAMP SWITCH ASSY) (SEE PAGE 01-44)**

- (a) Reconnect the stop lamp switch Assy S21 connector.  
 (b) Disconnect the brake actuator Assy S48 connector.  
 (c) Measure the voltage according to the value(s) in the table below.

**Standard:**

Switch Condition	Tester Connection	Specified Condition
Brake pedal depressed	S48-27 (STP) - S48-32 (GND1)	10 to 14 V
Brake pedal released	S48-27 (STP) - S48-32 (GND1)	Below 1.5 V

**NG****REPAIR OR REPLACE HARNESS OR CONNECTOR****OK**

**PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05-352)**