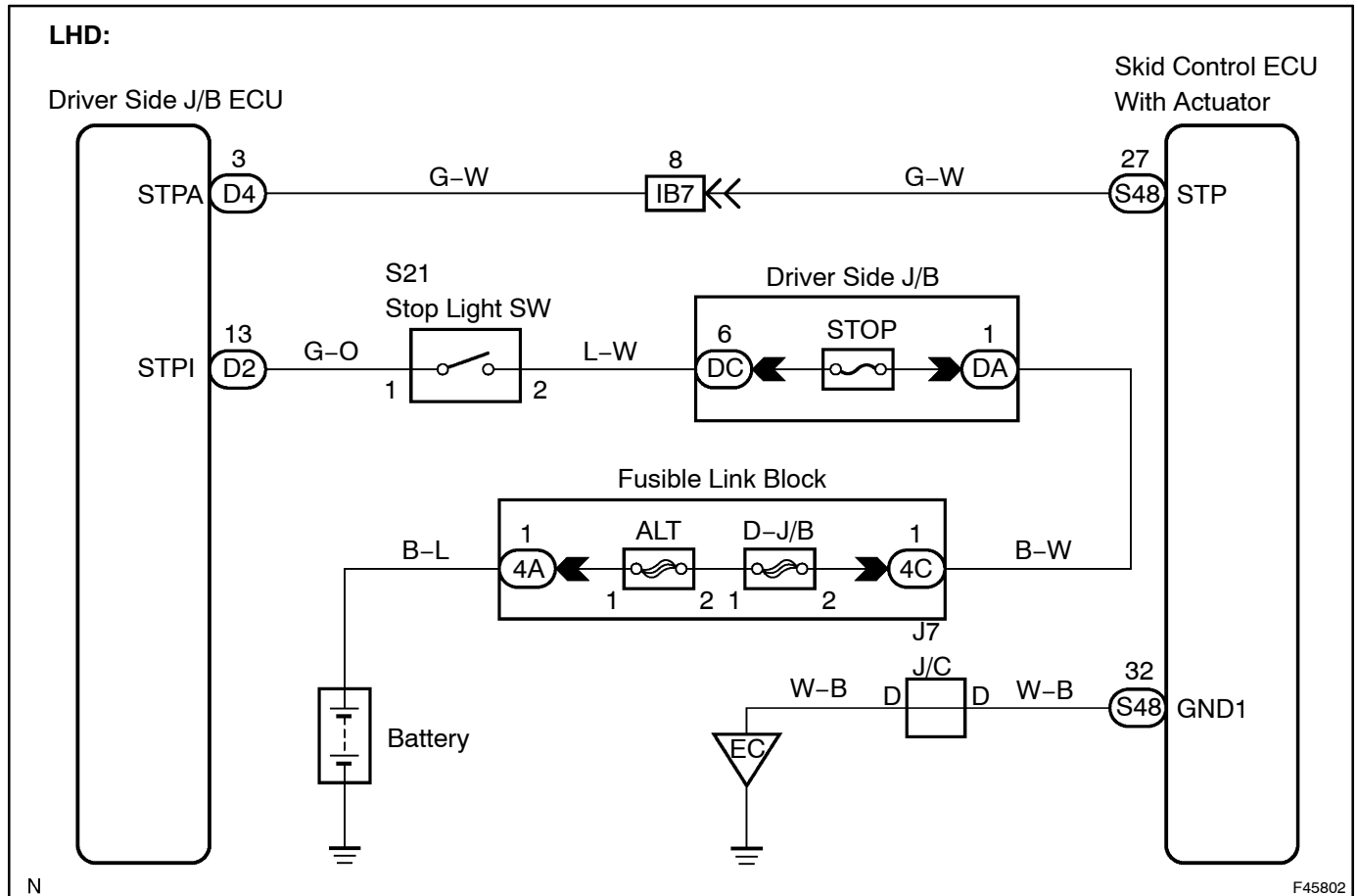


STOP LAMP SWITCH CIRCUIT

CIRCUIT DESCRIPTION

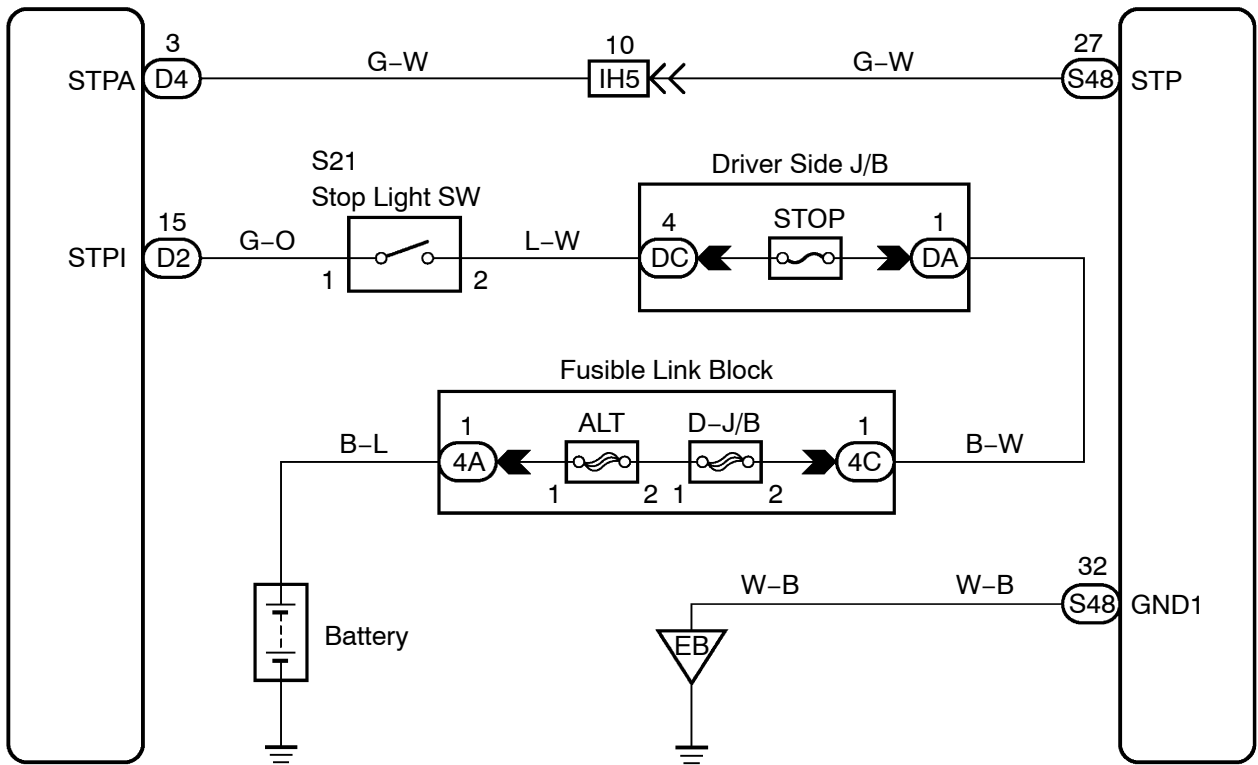
When the stop lamp switch is on (brake pedal is depressed), the skid control ECU prevents tire pressure warning system operation.

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.

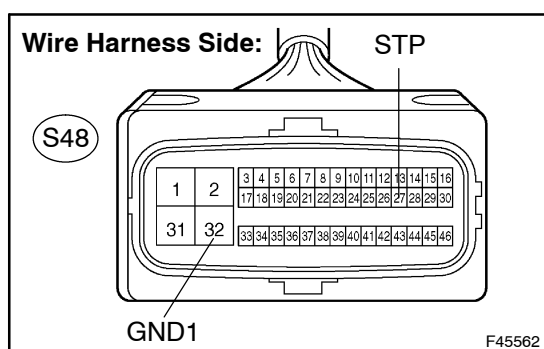
OK:

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

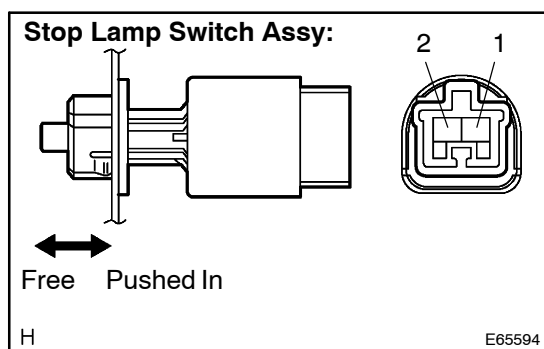
PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05-352)

3 CHECK REAR COMBINATION LAMP ASSY

NG

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

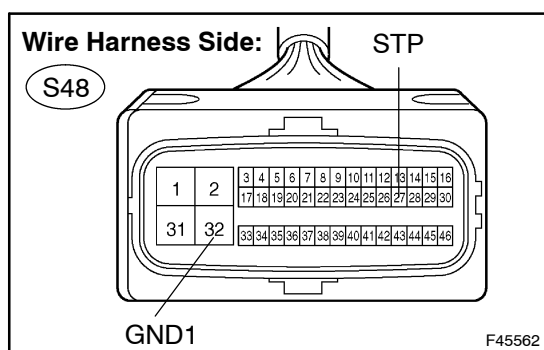
OK

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 Ω
Switch pin pushed in	1 – 2	10 k Ω 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)