

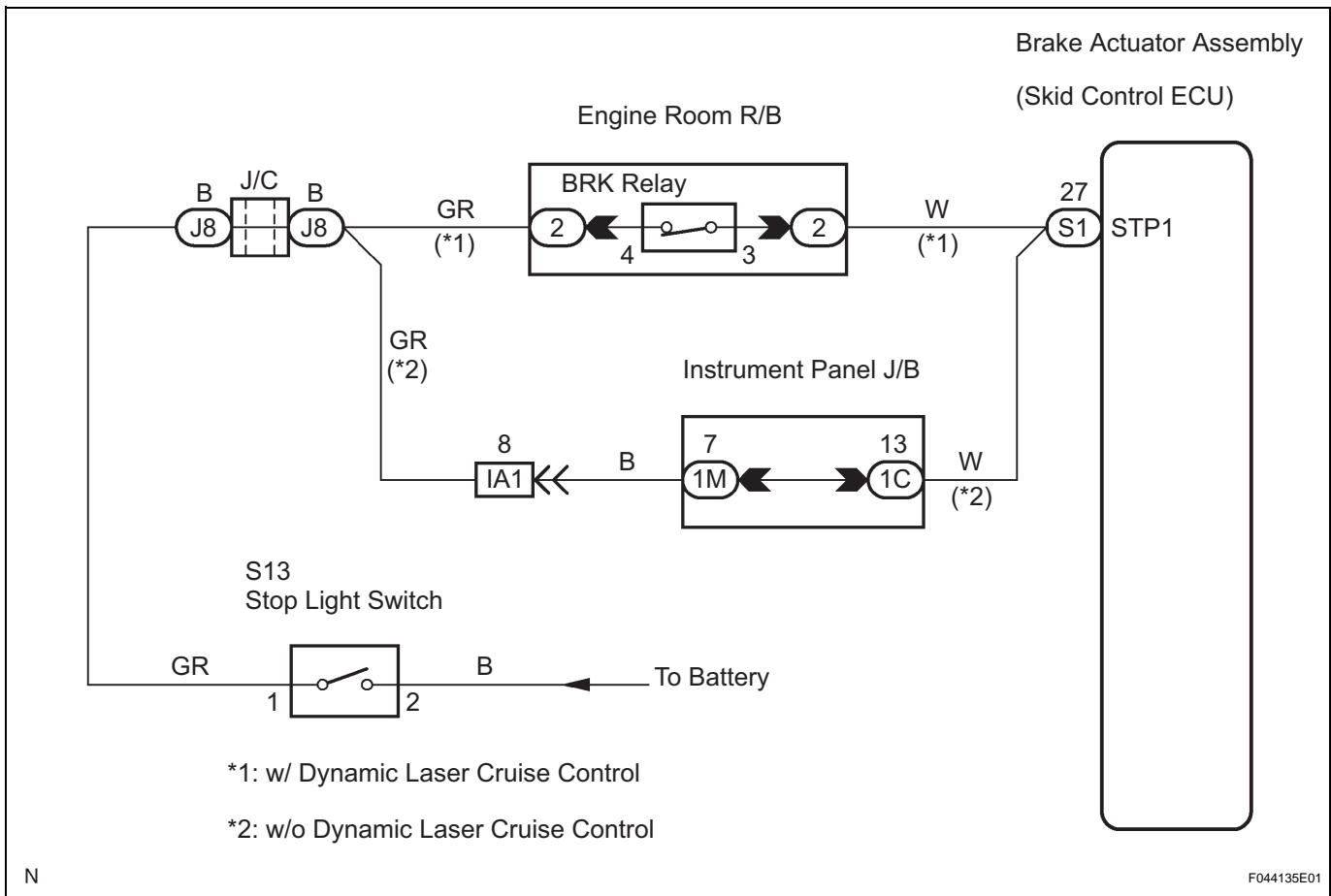
<b>DTC</b>	<b>C2106/11</b>	<b>Stop Lamp Switch Constant on Malfunction</b>
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**DESCRIPTION**

When the stop light switch is ON (brake pedal depressed), the skid control ECU suspends the tire pressure warning system.

DTC No.	DTC Detection Condition	Trouble Area
C2106/11	With vehicle speed at 20 km/h (12 mph) or more, the stop light switch assembly is "ON" for 15 mins.	<ul style="list-style-type: none"> <li>Stop light switch assembly</li> <li>Stop light switch assembly circuit</li> <li>Brake actuator assembly</li> </ul>

**WIRING DIAGRAM**



<b>1</b>	<b>CHECK STOP LIGHT SWITCH ASSEMBLY OPERATION</b>
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- (a) Check that the stop light comes on when the brake pedal is depressed, and goes off when the brake pedal is released.

**OK:**

**Stop light functions normally.**

**NG** →

**Go to step 4**

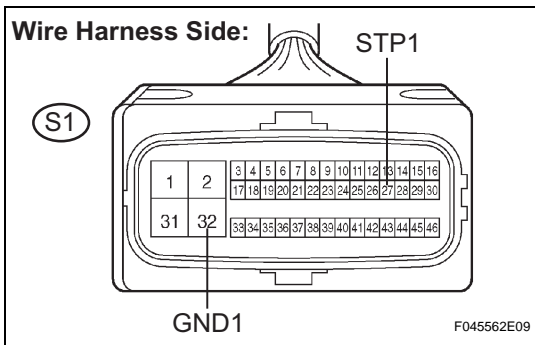
**OK**

**2 CHECK REAR COMBINATION LIGHT ASSEMBLY LH**

**NG** **REPLACE REAR COMBINATION LIGHT ASSEMBLY LH**

**OK**

**3 CHECK HARNESS AND CONNECTOR (BRAKE ACTUATOR ASSEMBLY - STOP LIGHT SWITCH ASSEMBLY)**



- (a) Disconnect the brake actuator assembly S1 connector.
- (b) Measure the voltage according to the values in the table below.

**Voltage**

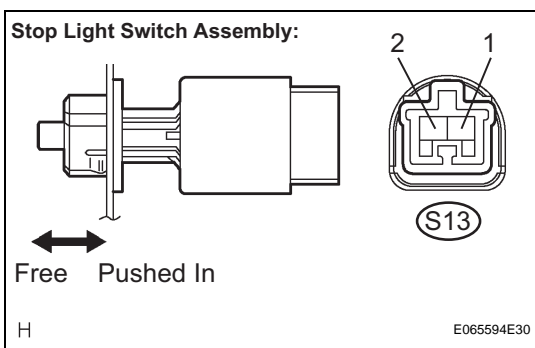
Switch condition	Tester connection	Specified condition
Brake pedal depressed	S1-27 (STP1) - S1-32 (GND1)	10 to 14 V
Brake pedal released	S1-27 (STP1) - S1-32 (GND1)	Below 1.5 V

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

**OK**

**REPLACE BRAKE ACTUATOR ASSEMBLY**

**4 INSPECT STOP LIGHT SWITCH ASSEMBLY**



- (a) Disconnect the stop light switch assembly S13 connector.
- (b) Measure the resistance according to the values in the table below.

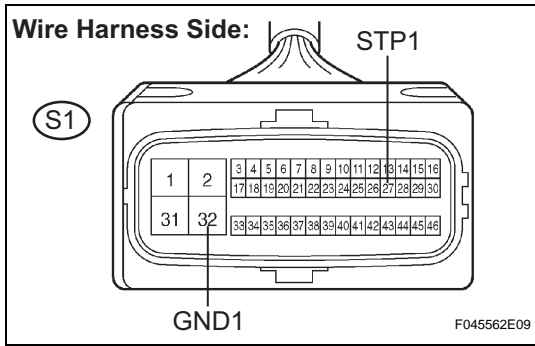
**Resistance**

Switch condition	Tester connection	Specified condition
Switch pin free	1 - 2	Below 1 Ω
Switch pin pushed in	1 - 2	10 kΩ or higher

**NG** **REPLACE STOP LIGHT SWITCH ASSEMBLY**

**OK**

**5 CHECK HARNESS AND CONNECTOR (BRAKE ACTUATOR ASSEMBLY - STOP LIGHT SWITCH ASSEMBLY)**



- (a) Connect the stop light switch assembly S13 connector.
- (b) Disconnect the brake actuator assembly S1 connector.
- (c) Measure the voltage according to the values in the table below.

**Voltage**

Switch condition	Tester connection	Specified condition
Brake pedal depressed	S1-27 (STP1) - S1-32 (GND1)	10 to 14 V
Brake pedal released	S1-27 (STP1) - S1-32 (GND1)	Below 1.5 V

**NG** → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

**OK**

**REPLACE BRAKE ACTUATOR ASSEMBLY**