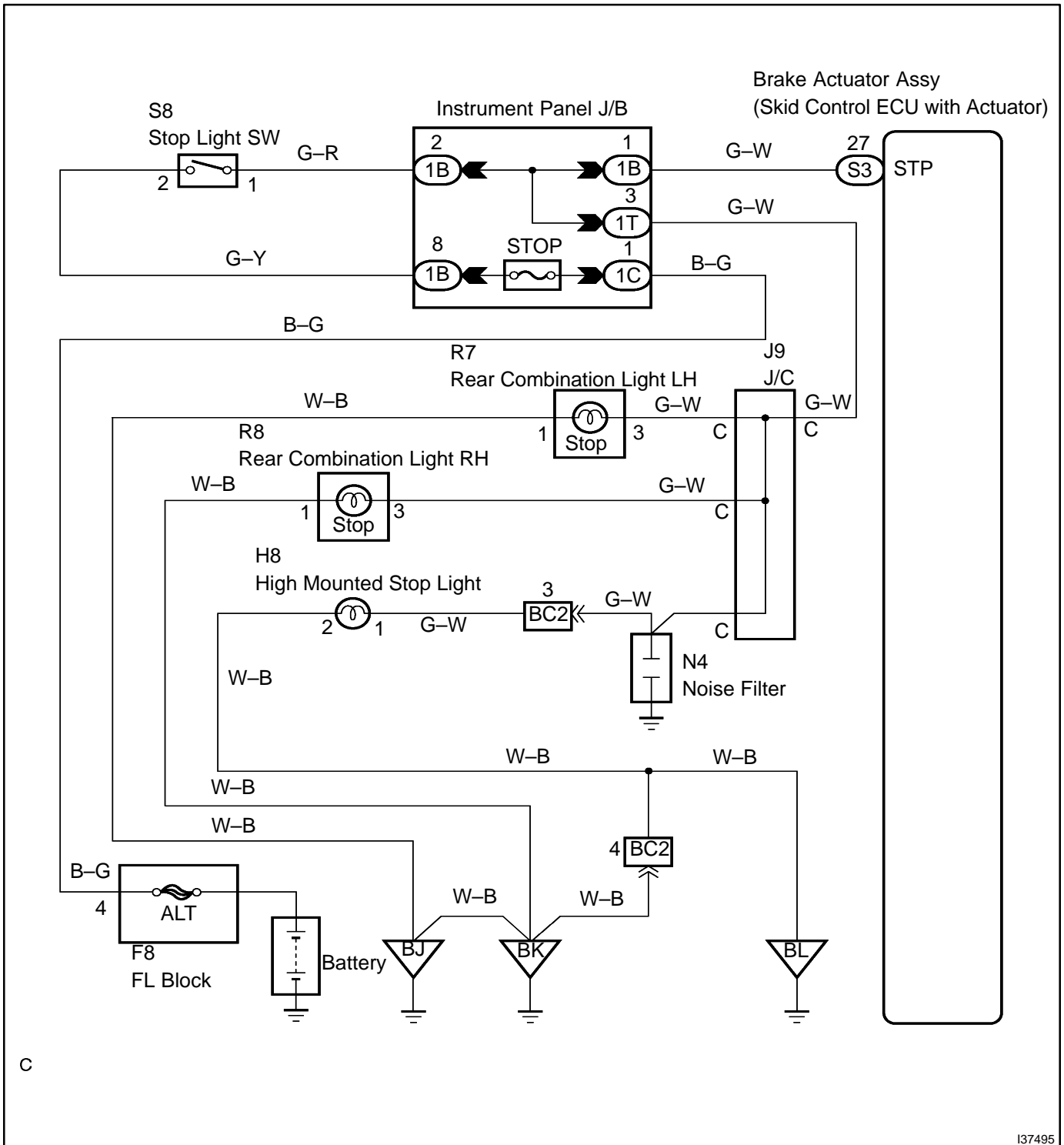


|            |                 |  |
|------------|-----------------|--|
| <b>DTC</b> | <b>C1249/49</b> | <b>OPEN CIRCUIT IN STOP LIGHT SWITCH CIRCUIT</b> |
|------------|-----------------|--|

**CIRCUIT DESCRIPTION**

| DTC No.  | DTC Detecting Condition  | Trouble Area   |
|----------|--|--|
| C1249/49 | When IG1 terminal voltage is 9.5 to 17.2 V, open circuit of the stop lamp switch continues for 0.3 sec. or more. | <ul style="list-style-type: none"> <li>• Stop lamp bulb</li> <li>• Stop lamp switch circuit</li> </ul> |

**WIRING DIAGRAM**



C

I37495

## INSPECTION PROCEDURE

### 1 CHECK STOP LAMP SWITCH OPERATION(STOP LAMP SWITCH CIRCUIT)

- (a) Check that the stop light comes on when the brake pedal is depressed and turns off when the brake pedal is released.

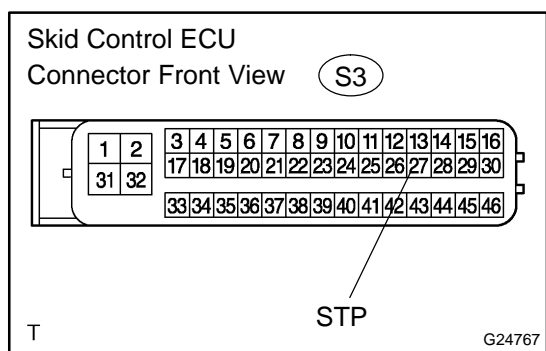
**Standard:**

Stop lamp switch function normal.

**NG** Go to step 4

**OK**

### 2 INSPECT SKID CONTROL ECU TERMINAL VOLTAGE(STP TERMINAL)



- (a) Disconnect the skid control ECU connector.  
 (b) Measure the voltage according to the value(s) in the table below.

**Standard:**

| Tester Connection          | Condition             | Specified condition |
|----------------------------|-----------------------|---------------------|
| STP1 (S3-27) – Body ground | Brake pedal depressed | 11 to 14 V          |
|                            | Brake pedal released  | 1.5 V or less       |

**NG** Go to step 3

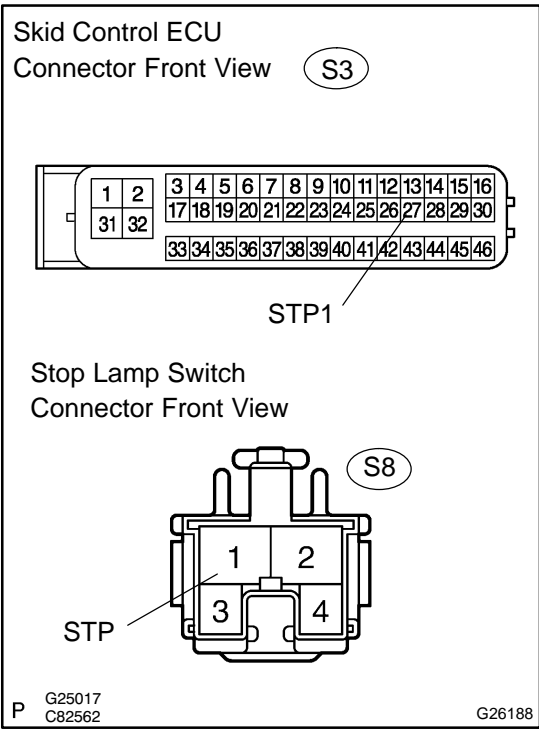
**OK**

### REPLACE BRAKE ACTUATOR ASSY (See page 32-39)

**NOTICE:**

When replacing the brake actuator assy, perform the zero point calibration (See page 05-279).

**3 CHECK HARNESS AND CONNECTOR(STOP LAMP SWITCH – SKID CONTROL ECU)**



- (a) Disconnect the stop lamp switch connector and skid control ECU connector.
- (b) Measure the resistance according to the value(s) in the table below.

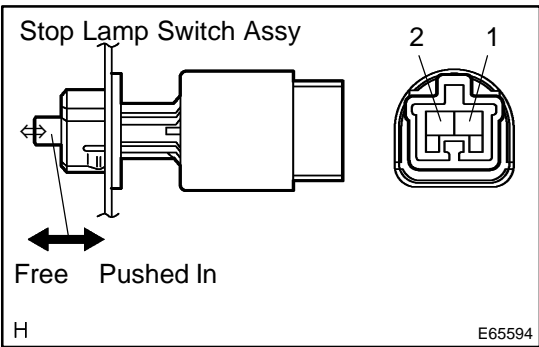
**Standard:**

| Tester Connection         | Specified Condition |
|---------------------------|---------------------|
| STP1 (S3-27) – STP (S8-1) | 1 Ω or less         |

**NG** REPAIR OR REPLACE HARNESS OR CONNECTOR

**OK**

**4 INSPECT STOP LAMP SWITCH ASSY**



- (a) Disconnect the stop lamp switch assy 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             | 1 Ω or less         |
| Switch pin pushed in | 1 – 2             | 10 kΩ or higher     |

**NG** REPLACE STOP LAMP SWITCH ASSY

**OK**

**REPAIR OR REPLACE HARNESS OR CONNECTOR**