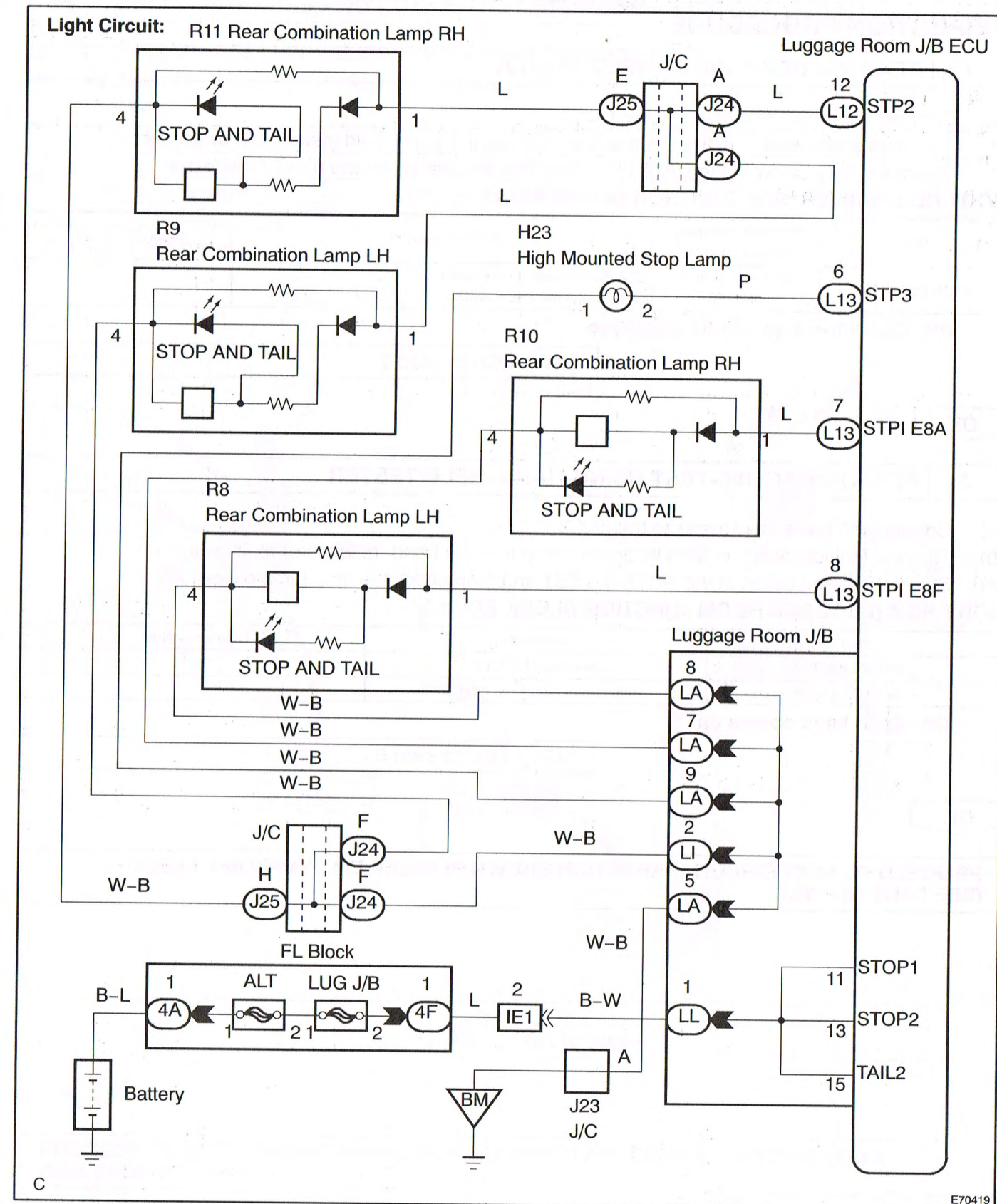
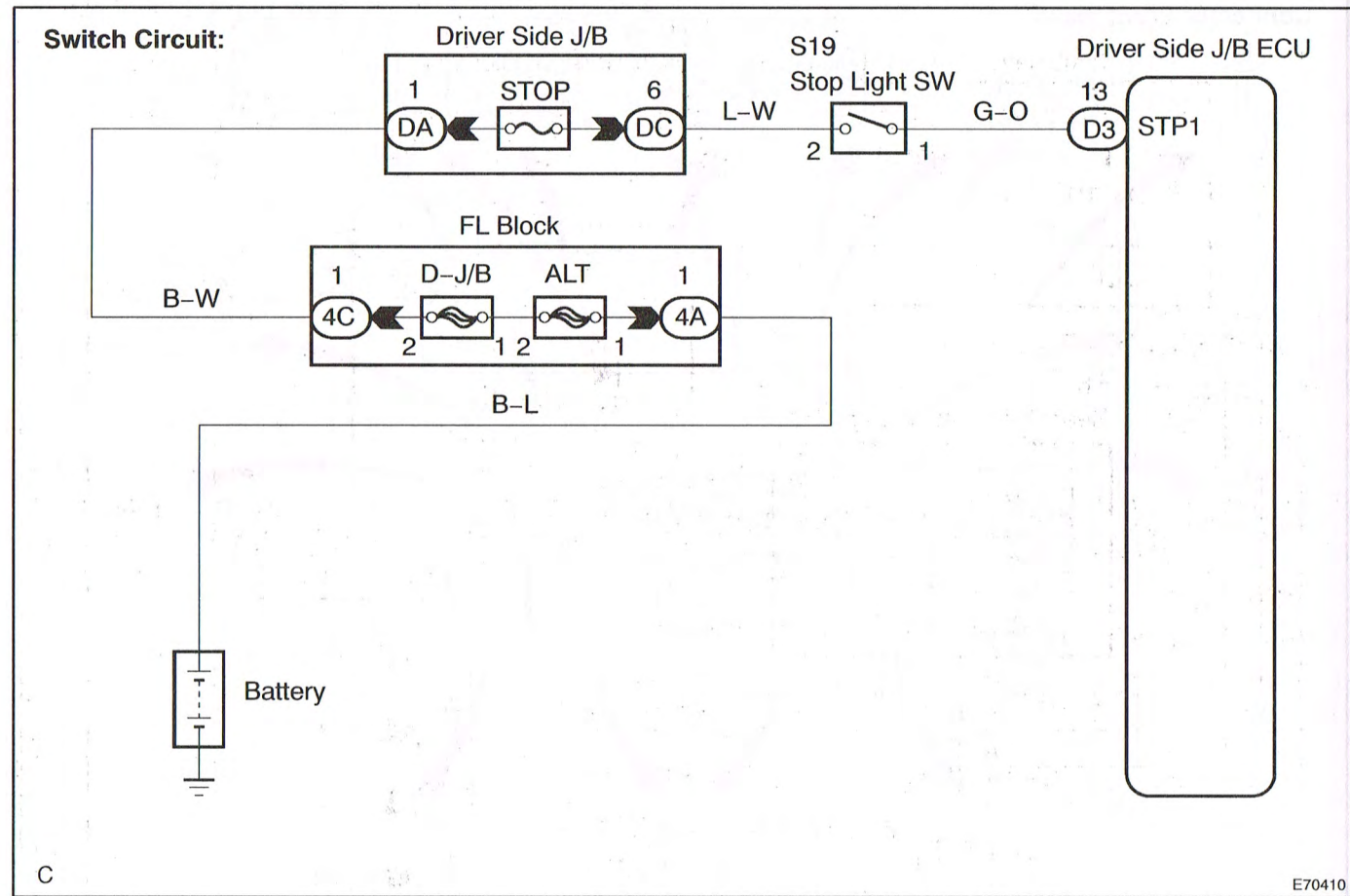


# STOP LIGHT CIRCUIT

## CIRCUIT DESCRIPTION

The driver side junction block receives stop light switch information from the stop lamp switch and sends the signal to the luggage room junction block which uses it to turn on the stop lamp.

## WIRING DIAGRAM





**INSPECTION PROCEDURE**

**1 READ VALUE OF HAND-HELD TESTER**

- (a) Connect the hand-held tester to the DLC3.
- (b) Turn the ignition switch to the ON position and turn the hand-held tester main switch on.
- (c) Select the item below in the DATA LIST and read the display on the hand-held tester.

**BODY NO.2 (DRIVER SIDE JUNCTION BLOCK ECU):**

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
STOP LIGHT SW	Stop light switch ON/OFF	ON: Brake pedal is depressed OFF: Brake pedal is released	-

**OK: Condition sign can be displayed.**

**NG** → Go to step 3

**OK**

**2 PERFORM ACTIVE TEST USING HAND-HELD TESTER**

- (a) Connect the hand-held tester to the DLC3.
- (b) Turn the ignition switch to the ON position and turn the hand-held tester main switch on.
- (c) Select the items below in the ACTIVE TEST and then check the stop lamp operation.

**BODY NO.4 (LUGGAGE ROOM JUNCTION BLOCK ECU):**

Item	Test Details	Diagnostic Note
STOP LIGHT	Stop lamp ON/OFF	-
H-M STOP LIGHT	High mount stop lamp ON/OFF	-

**OK: Each lamp comes on.**

**NG** → Go to step 5

**OK**

**PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05-1393)**

**3 CHECK HARNESS AND CONNECTOR(STOP LAMP SWITCH CIRCUIT)**

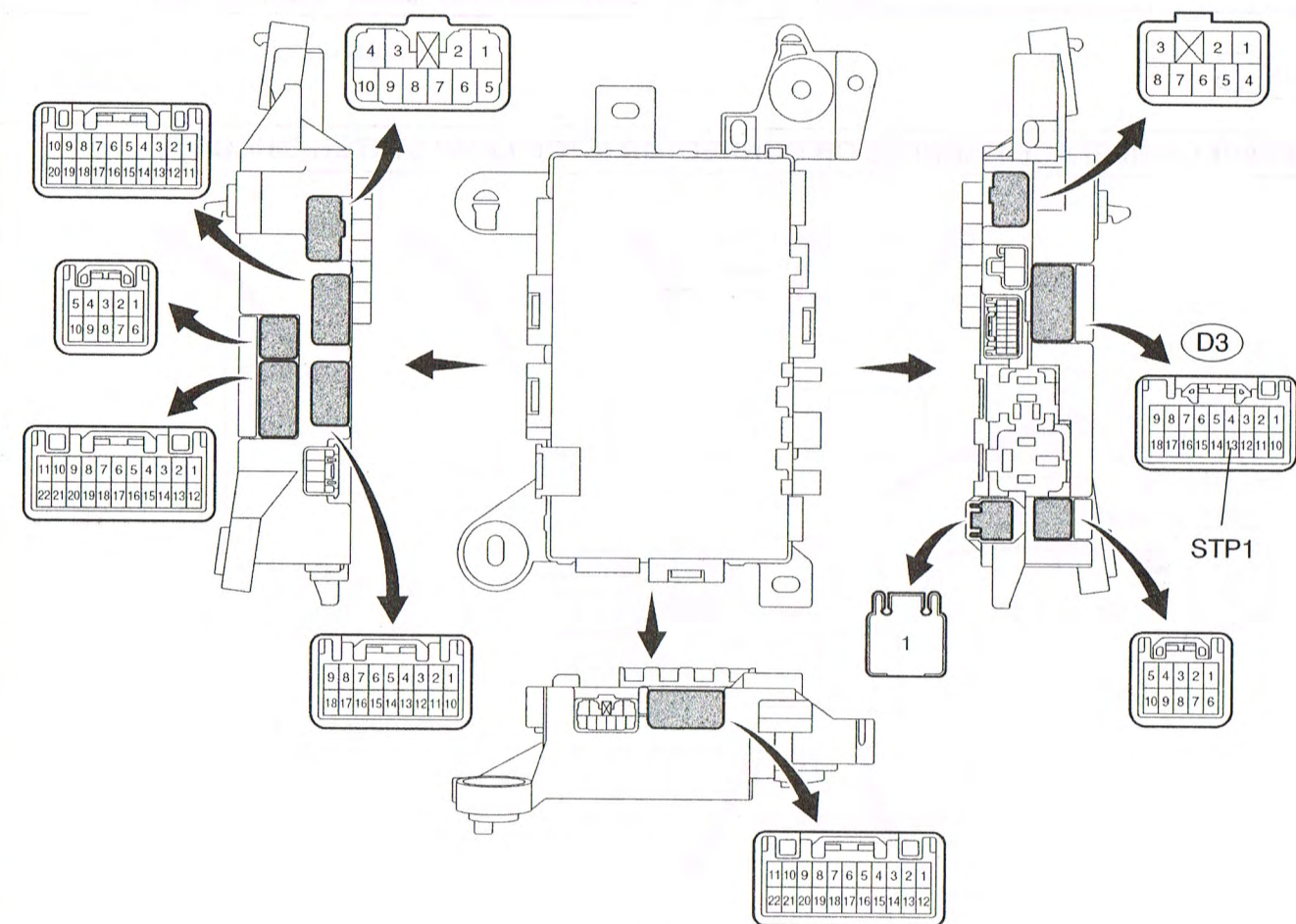
- (a) Disconnect the D3 connector from the driver side junction block.
- (b) Measure the voltage according to the value(s) in the table below.

**Standard:**

Tester Connection	Condition	Specified Condition
D3-13 - Body ground	Brake pedal is released	Below 1 V
D3-13 - Body ground	Brake pedal is depressed	10 to 14 V

**Driver Side Junction Block**

**Connector Front View:**



P

E72878

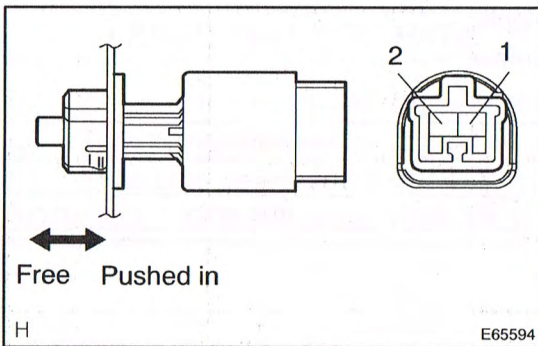
**NG** → Go to step 4

**OK**

**PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05-1393)**



**4 INSPECT STOP LAMP SWITCH ASSY**



(a) Measure the resistance according to the value(s) in the table below.

**Standard:**

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

**NG** → **REPLACE STOP LAMP SWITCH ASSY**

**OK**

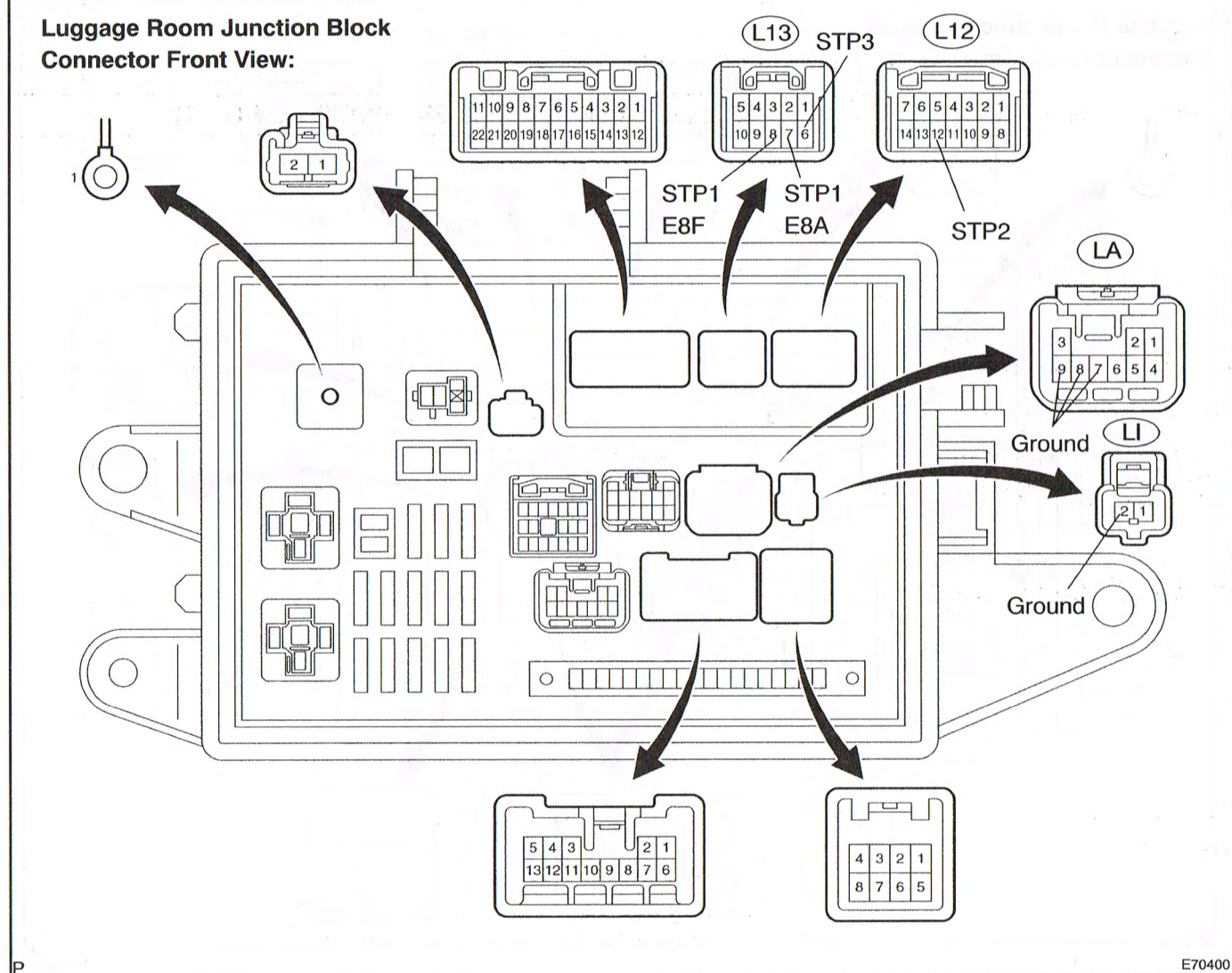
**REPAIR OR REPLACE HARNESS OR CONNECTOR (STOP LAMP SWITCH CIRCUIT)**

**5 INSPECT LUGGAGE ROOM JUNCTION BLOCK ASSY**

(a) Measure the voltage according to the value(s) in the table below.  
HINT:  
Inspect the side the suspected malfunctioning part is on.

**Standard:**

Tester Connection	Condition	Specified Condition
L12-12 - LI-2	Brake pedal is depressed	10 to 14 V
L13-6 - LA-9	Brake pedal is depressed	10 to 14 V
L13-7 - LA-7	Brake pedal is depressed	10 to 14 V
L13-8 - LA-8	Brake pedal is depressed	10 to 14 V



**NG** → **Go to step 6**

**OK**

**REPAIR OR REPLACE HARNESS OR CONNECTOR (EACH OF STOP LAMP CIRCUIT)**



**6 INSPECT LUGGAGE ROOM JUNCTION BLOCK ASSY**

(a) Measure the voltage according to the value(s) in the table below.

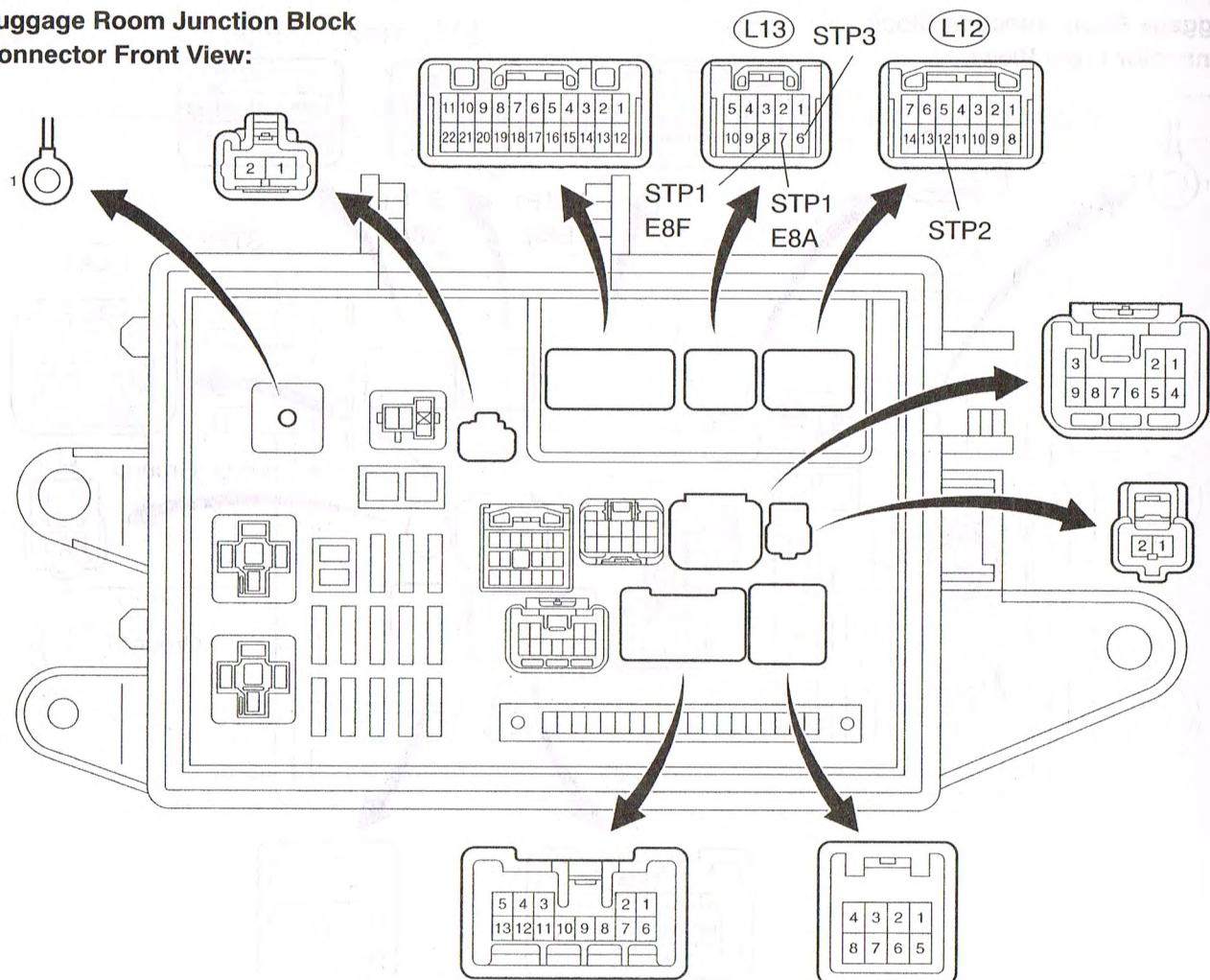
HINT:

Inspect the side the suspected malfunctioning part is on.

**Standard:**

Tester Connection	Condition	Specified Condition
L12-12 - Body ground	Brake pedal is depressed	10 to 14 V
L13-6 - Body ground	Brake pedal is depressed	10 to 14 V
L13-7 - Body ground	Brake pedal is depressed	10 to 14 V
L13-8 - Body ground	Brake pedal is depressed	10 to 14 V

**Luggage Room Junction Block Connector Front View:**



E70400

NG → Go to step 9

OK

**7 INSPECT LUGGAGE ROOM JUNCTION BLOCK ASSY**

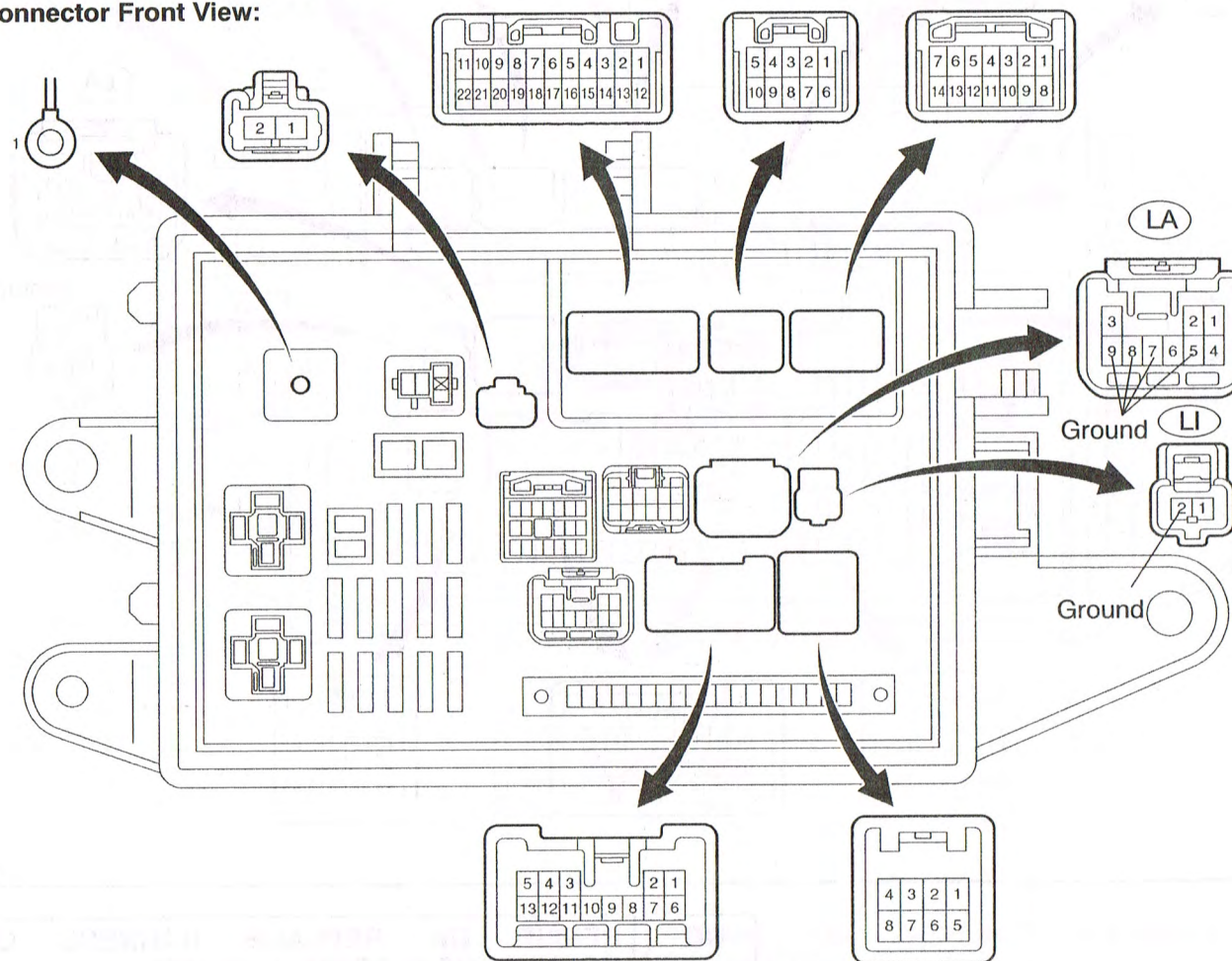
(a) Disconnect the LA and LI connectors from the luggage room junction block assy.

(b) Measure the resistance according to the value(s) in the table below.

**Standard:**

Tester Connection	Condition	Specified Condition
LA-7 - LA-5	Always	Below 1 Ω
LA-8 - LA-5	Always	Below 1 Ω
LA-9 - LA-5	Always	Below 1 Ω
LI-2 - LA-5	Always	Below 1 Ω

**Luggage Room Junction Block Connector Front View:**



E70400

NG → REPLACE LUGGAGE ROOM JUNCTION BLOCK ASSY

OK



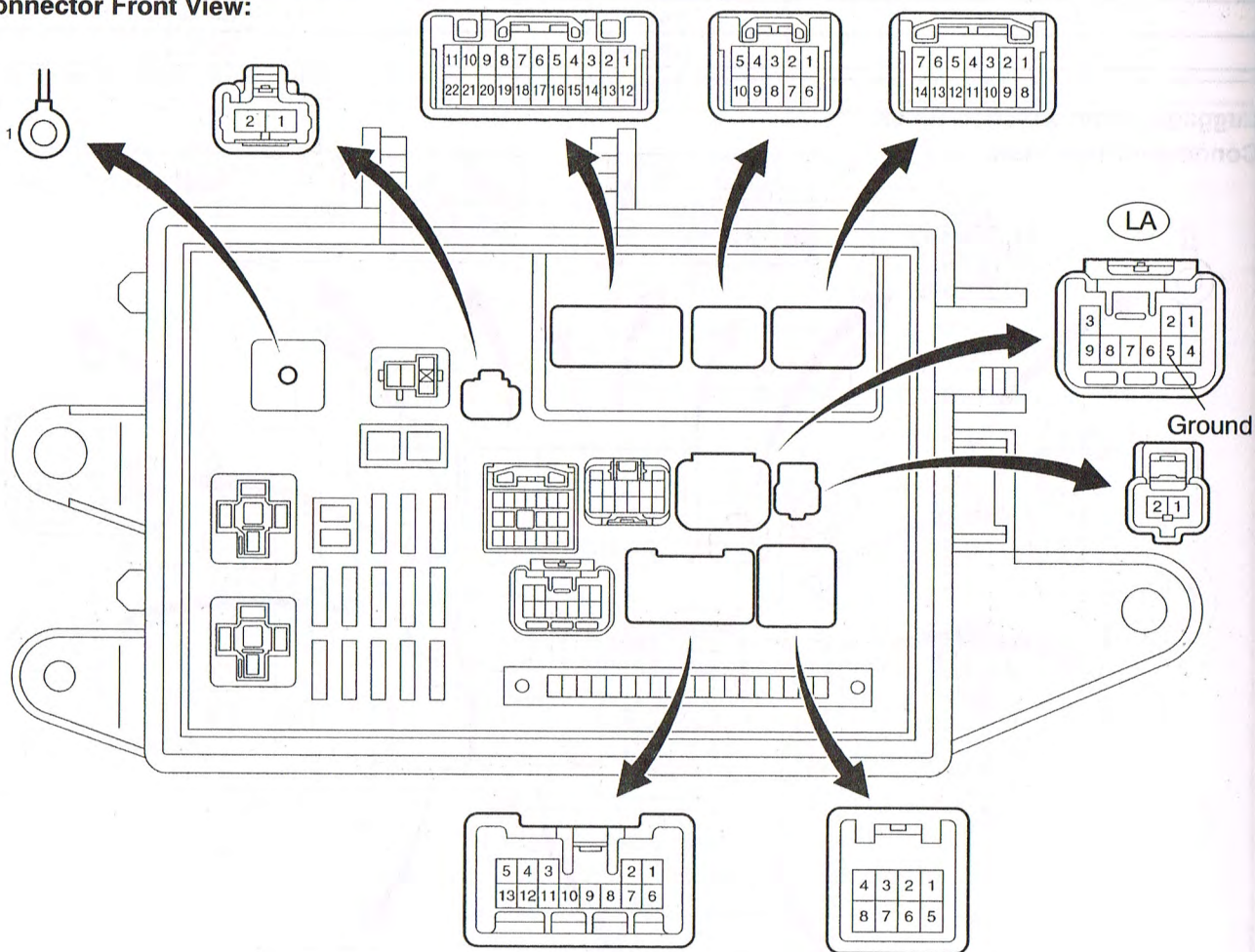
**8 CHECK HARNESS AND CONNECTOR(GROUND CIRCUIT)**

(a) Measure the resistance according to the value(s) in the table below.

**Standard:**

Tester Connection	Condition	Specified Condition
LA-5 - Body ground	Always	Below 1 Ω

**Luggage Room Junction Block Connector Front View:**



**NG** REPAIR OR REPLACE HARNESS OR CONNECTOR (GROUND CIRCUIT)

**OK**

REPAIR OR REPLACE HARNESS OR CONNECTOR (EACH OF STOP LAMP CIRCUIT)

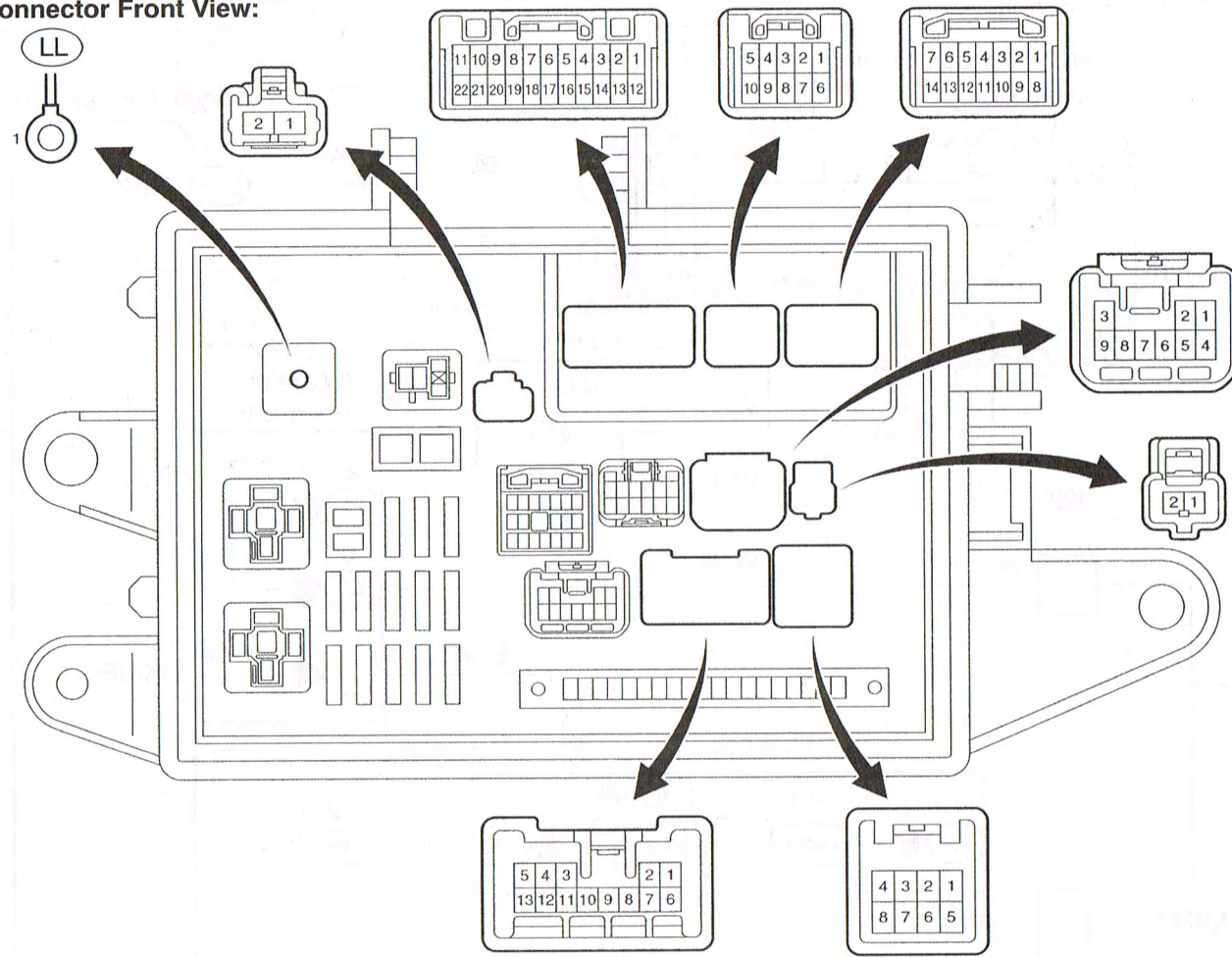
**9 CHECK HARNESS AND CONNECTOR(POWER SOURCE CIRCUIT)**

(a) Measure the voltage according to the value(s) in the table below.

**Standard:**

Tester Connection	Condition	Specified Condition
LL-1 - Body ground	Always	10 to 14 V

**Luggage Room Junction Block Connector Front View:**



**NG** REPAIR OR REPLACE HARNESS OR CONNECTOR

**OK**

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05-1393)