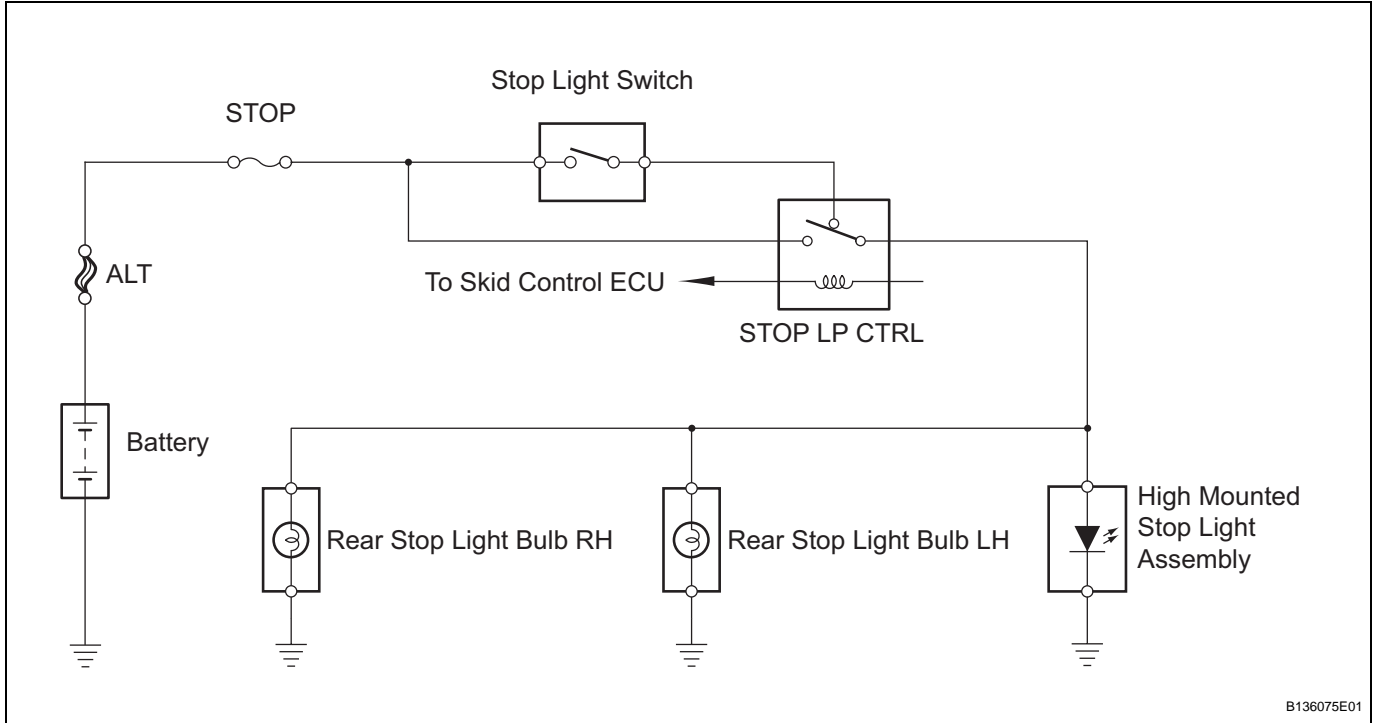


Stop Light Switch Circuit

DESCRIPTION

When the stop light switch is turned on, the current flows to the stop lights to illuminate.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT FUSE (STOP)

- (a) Remove the STOP fuse from the engine room R/B No. 2.
- (b) Measure the resistance.

Standard resistance:

Below 1 Ω

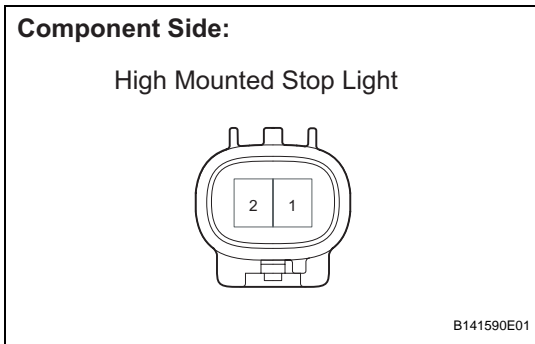
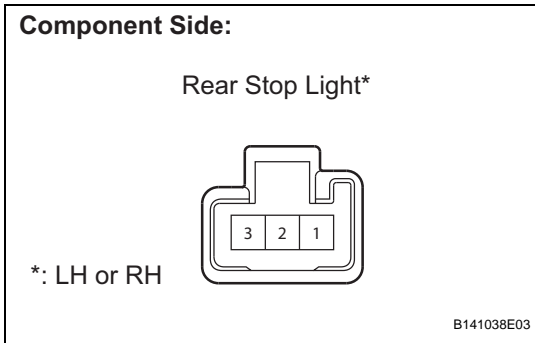
- (c) Reinstall the STOP fuse.

NG

REPLACE FUSE

OK

2 INSPECT BULB (REAR STOP LIGHT BULB)



(a) Remove the rear stop light bulbs.

- (b) Remove the high mounted stop light assembly.
 (c) Apply battery voltage to the terminals and check that the rear stop light and high mounted stop light illuminates.

Standard
Rear stop light

Measurement Condition	Standard
Positive battery - Terminal 3 Negative battery - Terminal 1	Stop light bulb illuminates

High mounted stop light

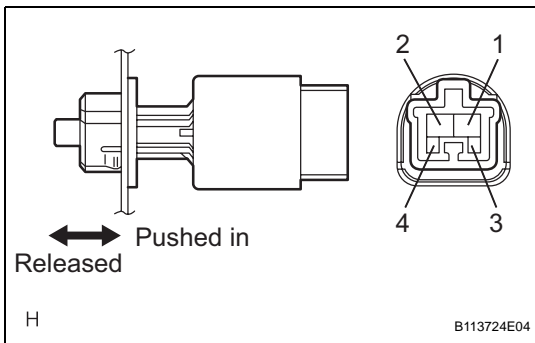
Measurement Condition	Standard
Positive battery - Terminal 2 Negative battery - Terminal 1	High mounted stop light illuminates

- (d) Reinstall the rear stop light bulbs.
 (e) Reinstall the high mounted stop light assembly.

NG → **REPLACE BULB**

OK

3 INSPECT STOP LIGHT SWITCH



- (a) Remove the stop light switch.
 (b) Measure the resistance.

Standard resistance

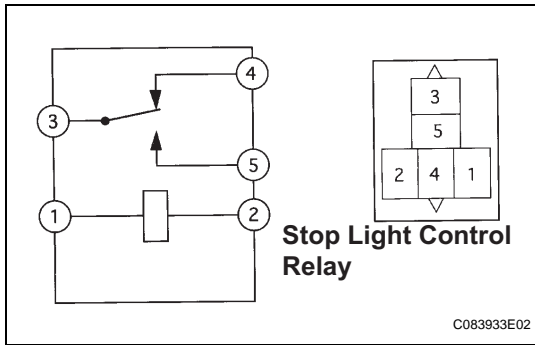
Tester Connection	Condition	Specified Condition
1 - 2	Switch pin released	Below 1 Ω
3 - 4	Switch pin pushed in	10 kΩ or higher
1 - 2	Switch pin pushed in	10 kΩ or higher
3 - 4	Switch pin released	Below 1 Ω

- (c) Reinstall the stop light switch.

NG → **REPLACE STOP LIGHT SWITCH**

OK

4 INSPECT STOP LP CTRL RELAY



(a) Remove the STOP LP CTRL relay from the engine room R/B No. 2

(b) Measure the resistance.
Standard resistance

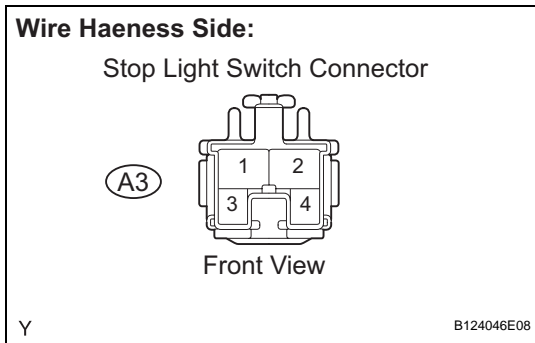
Tester Connection	Specified Condition
3 - 4	Below 1 Ω
3 - 5	10 kΩ or higher
3 - 4	10 kΩ or higher (When battery voltage is applied between terminals 1 and 2)
3 - 5	Below 1 Ω (When battery voltage is applied between terminals 1 and 2)

(c) Reinstall the STOP LP CTRL relay.

NG → **REPLACE STOP LP CTRL RELAY**

OK

5 CHECK HARNESS AND CONNECTOR (FUSE - STOP LIGHT SWITCH)



(a) Disconnect the A3 stop light switch connector.
(b) Measure the voltage.
Standard voltage

Tester Connection	Condition	Specified Condition
A3-2 - Body ground	Always	11 to 14 V

(c) Reconnect the stop light switch connector.

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

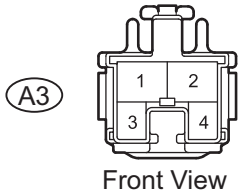
OK

6

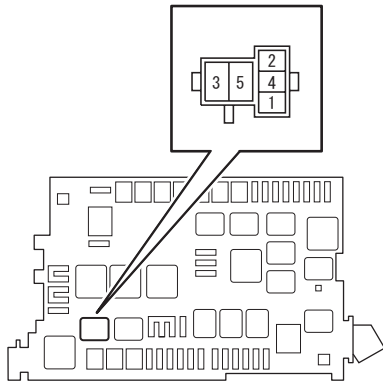
CHECK HARNESS AND CONNECTOR (STOP LIGHT SWITCH - STOP LIGHT CONTROL RELAY)

Wire Harness Side:

Stop Light Switch Connector



Engine Room R/B No. 2:



B136076E01

- (a) Disconnect the A3 stop light switch connector.
- (b) Remove the STOP LP CTRL relay from the engine room R/B No. 2.

- (c) Measure the resistance.

Standard resistance

Tester Connection	Specified Condition
A3-1 - STOP LP CTRL relay terminal 5	Below 1 Ω
A3-1 or STOP LP CTRL relay terminal 5 - Body ground	10 k Ω or higher

- (d) Reconnect the stop light switch connector.
- (e) Reinstall the STOP LP CTRL relay.

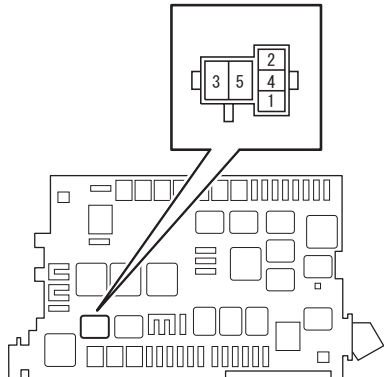
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

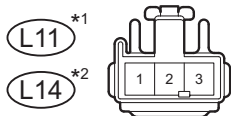
7 CHECK HARNESS AND CONNECTOR (STOP LIGHT CONTROL RELAY - REAR STOP LIGHT)

Engine Room R/B No. 2:



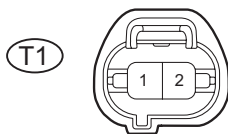
Wire Harness Side:

Rear Stop Light Connector



Front View *1: LH
*2: RH

High Mounted Stop Light Connector



Front View

B136077E01

- (a) Remove the STOP LP CTRL relay from the engine room R/B No. 2
- (b) Disconnect the L11 and L14 rear stop light connectors.
- (c) Disconnect the T1 high mounted stop light connector.
- (d) Measure the resistance.

Standard resistance

Tester Connection	Specified Condition
STOP LP CTRL relay terminal 3 - L11-3	Below 1 Ω
STOP LP CTRL relay terminal 3 - L14-3	Below 1 Ω
STOP LP CTRL relay terminal 3 - T1-2	Below 1 Ω
STOP LP CTRL relay terminal 3 - Body ground	10 kΩ or higher

- (e) Reinstall the STOP LP CTRL relay.
- (f) Reconnect the stop light connectors.
- (g) Reconnect the high mounted stop light connector.

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR (REAR STOP LIGHT - BODY GROUND)