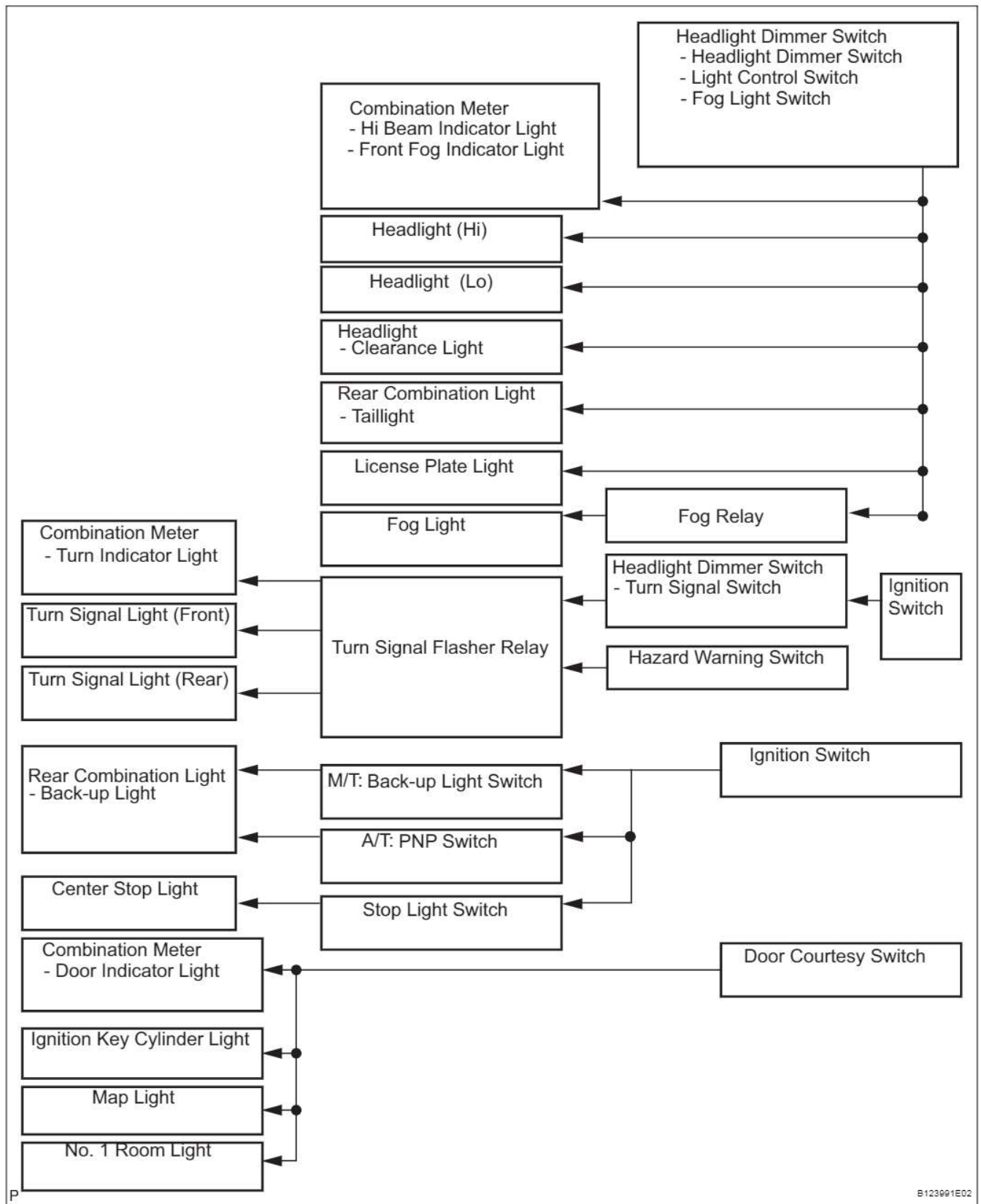


LIGHTING – LIGHTING SYSTEM

LI-5

SYSTEM DIAGRAM



LI-6

LIGHTING – LIGHTING SYSTEM

PROBLEM SYMPTOMS TABLE

HINT:

Use the table below to help determine the cause of the problem symptom. The potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

Headlight and taillight

Symptom	Suspected area	See page
LO - Beam does not come on (One side).	1. Bulb	-
	2. H-LP LH/H-LP LO RH fuse	-
	3. Wire harness	-
LO - Beam does not come on (All).	1. Headlight dimmer switch assembly	LI-24
	2. Wire harness	-
HI - Beam does not come on (One side).	1. Bulb	-
	2. H-LP LH/H-LP LO RH fuse	-
	3. Wire harness	-
HI - Beam does not come on (All).	1. Headlight dimmer switch assembly	LI-24
	2. Wire harness	-
Flash does not operate (All).	1. Headlight dimmer switch assembly	LI-24
	2. Wire harness	-
Headlight is dark.	1. Bulb	-
	2. Wire harness	-
Only one taillight comes on.	1. Bulb	-
	2. Wire harness	-
Both taillights do not come on (Headlights are normal).	1. TAIL fuse	-
	2. Headlight dimmer switch assembly	LI-24
	3. Wire harness	-
Both taillights do not come on (Headlights do not come on).	1. Headlight dimmer switch assembly	LI-24
	2. Wire harness	-

Turn signal and hazard warning light system

Symptom	Suspected area	See page
Hazard warning light and Turn signal do not come on.	1. HAZ fuse	-
	2. Turn signal flasher relay	LI-32
	3. Wire harness	-
Hazard warning light does not come on (Hazard is normal).	1. Hazard warning switch	LI-26
	2. Turn signal flasher relay	LI-32
	3. Wire harness	-
Turn signal does not come on (Hazard is normal).	1. Turn signal switch	LI-24
	2. Turn signal flasher relay	LI-32
	3. Wire harness	-
Turn signal does not come on in one direction.	1. Turn signal switch	LI-24
	2. Turn signal flasher relay	LI-32
	3. Wire harness	-
Only one bulb comes on.	1. Bulb	-
	2. Wire harness	-

LIGHTING – LIGHTING SYSTEM**LI-7****Stop light system**

Symptom	Suspected area	See page
Both stop lights do not come on.	1. STOP fuse	-
	2. Stop light switch assembly	LI-27
	3. Wire harness	-
Stop light always remains on.	1. Stop light switch assembly	LI-27
	2. Wire harness	-
Stop light does not come on (One side).	1. Bulb	-
	2. Wire harness	-

Back light system

Symptom	Suspected area	See page
Both back-up lights do not come on.	1. GAUGE fuse	-
	2. Back-up light switch assembly (M/T)	LI-28
	3. Park/neutral position switch assembly (A/T)	AX-88
	4. Wire harness	-
Both back-up lights remain always ON.	1. Back-up light switch assembly (M/T)	LI-28
	2. Park/neutral position switch assembly (A/T)	AX-88
	3. Wire harness	-
Back-up light does not come on (One side).	1. Bulb	-
	2. Wire harness	-

Interior light system

Symptom	Suspected area	See page
Interior light does not come on.	1. DOME fuse	-
	2. Wire harness	-
No. 1 room light does not come on	1. Bulb	-
	2. No. 1 room light assembly	LI-23
	3. Wire harness	-

ON-VEHICLE INSPECTION

1. CHECK ILLUMINATED ENTRY SYSTEM OPERATION

HINT:

The light that comes on upon entry is the No. 1 room light assembly.

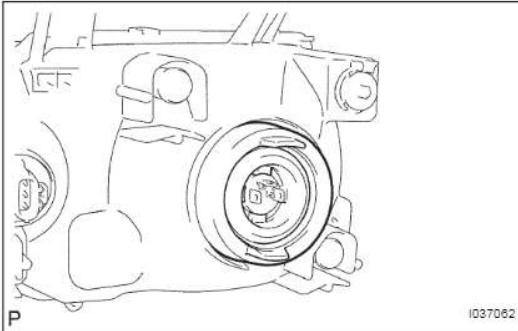
- (a) Turn the ignition switch OFF, close all the doors, and lock the driver's door.
- (b) Unlock the driver's door, open one of the doors, and check that the No. 1 room light assembly comes on. Then, close the door and check that the No. 1 room light assembly goes off after approximately 15 seconds.
- (c) Turn the ignition switch to the ON position, and open and close one of the doors. Check that the No. 1 room light assembly goes off immediately.
- (d) Turn the ignition switch OFF.
- (e) Open and close one of the doors to turn on the No. 1 room light assembly. Before the No. 1 room light assembly goes off, after approximately 15 seconds, turn the ignition switch to the ON position, and check that the No. 1 room light assembly goes off immediately.
- (f) Turn the ignition switch OFF.
- (g) Open and close one of the doors to turn on the No. 1 room light assembly. Before the No. 1 room light assembly goes off, after approximately 15 seconds, lock the driver's door, and check that the No. 1 room light assembly goes off immediately.

LIGHTING – HEADLIGHT ASSEMBLY**LI-11****DISASSEMBLY****HINT:**

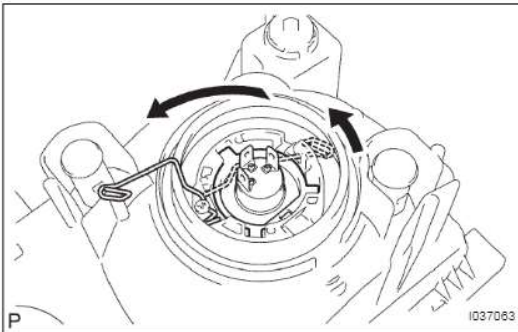
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. REMOVE HEADLIGHT SOCKET COVER

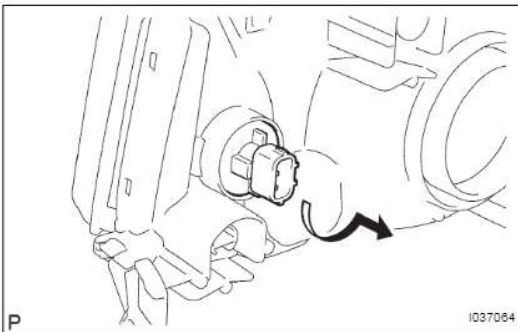
- (a) Remove the headlight socket cover.

**2. REMOVE NO. 1 HEADLIGHT BULB**

- (a) Remove the No. 1 headlight bulb as shown in the illustration.

**3. REMOVE CLEARANCE LIGHT BULB**

- (a) Remove the clearance light bulb, clearance light socket as shown in the illustration.
- (b) Remove the clearance light bulb from the clearance light socket.



LI-12

LIGHTING – HEADLIGHT ASSEMBLY

ADJUSTMENT

1. VEHICLE PREPARATION FOR HEADLIGHT AIM ADJUSTMENT

- (a) Prepare the vehicle:
- Ensure there is no damage or deformation to the body around the headlights.
 - Fill the fuel tank.
 - Make sure that the oil is filled to the specified level.
 - Make sure that the coolant is filled to the specified level.
 - Inflate the tires to the appropriate pressure.
 - Place the spare tire, tools, and jack in their original position.
 - Unload the trunk.
 - Sit a person of average weight (68 kg, 150 lb.) in the driver's seat.

2. PREPARATION FOR HEADLIGHT AIMING (Using a tester)

- (a) Prepare the vehicle for headlight aim check.
 (b) Adjust in accordance with headlight tester instructions.

3. PREPARATION FOR HEADLIGHT AIMING (Using a screen)

- (a) Prepare the vehicle according to the following conditions:
- Place the vehicle in a location that is dark enough to clearly observe the cutoff line. The cutoff line is a distinct line, below which light from the headlights can be observed and above which it cannot.
 - Place the vehicle at a 90° angle to the wall.
 - Create a 7.62 m (25 ft.) distance between the vehicle and the wall.
 - Place the vehicle on a level surface.
 - Bounce the vehicle up and down to settle the suspension.

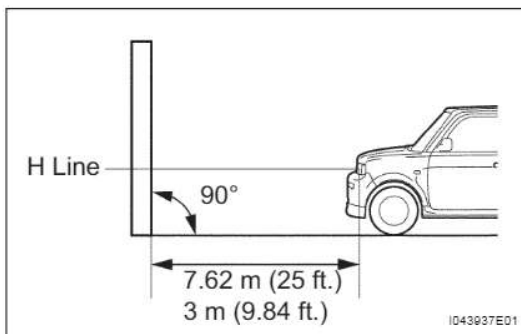
NOTICE:

A distance of 7.62 m (25 ft.) between the vehicle and the wall is necessary for proper aim adjustment. If unavailable, secure a distance of exactly 3 m (9.84 ft.) for check and adjustment. (The target zone will change with the distance so follow the instructions in the illustration.)

- (b) Prepare a piece of thick white paper (approximately 2 m (6.6 ft.) (height) X 4 m (13.1 ft.) (width)) to use as a screen.
 (c) Draw a vertical line down the center of screen (V line).
 (d) Set the screen as shown in the illustration.

HINT:

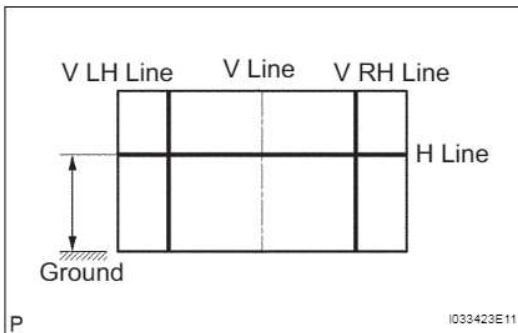
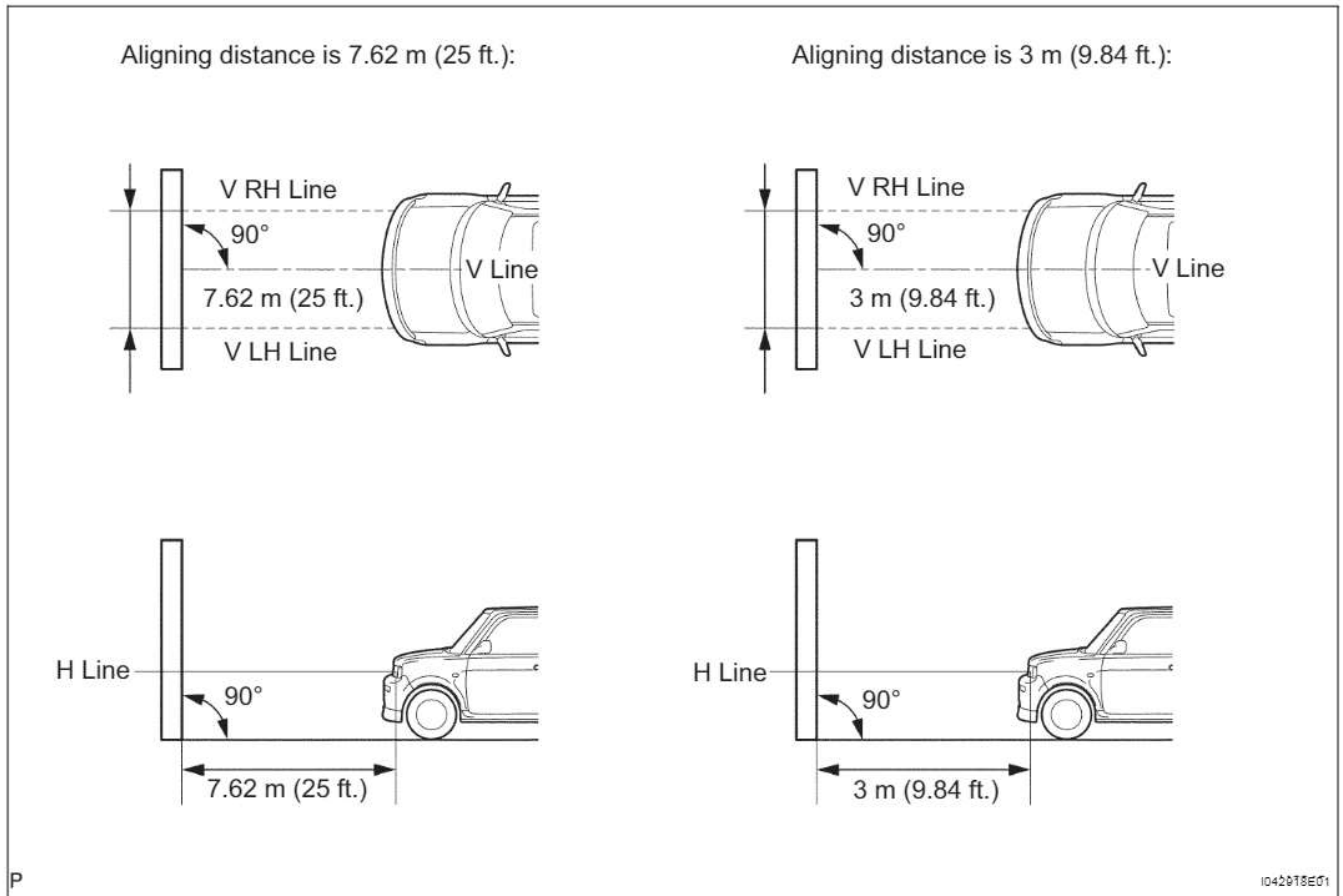
- Stand the screen perpendicular to the ground.



LIGHTING – HEADLIGHT ASSEMBLY

LI-13

- Align the V line on the screen with the center of the vehicle.



- (e) Draw base lines (H line, V LH, V RH lines) on the screen as shown in the illustration.

HINT:

- Follow the same procedures for "high-beam inspection".
 - Mark the headlight bulb center marks on the screen. If the center mark cannot be observed on the headlight, use the center of the headlight bulb or the manufacturer's name marked on the headlight as the center mark.
- (1) H Line (Headlight height): Draw a horizontal line across the screen so that it passes through the center marks. The H line should be at the same height as the headlight bulb center marks of the low-beam headlights.
 - (2) V LH Line, V RH Line (Center mark position of left-hand (LH) and right-hand (RH) headlights): Draw two vertical lines so that they intersect the H line at each center mark (aligned with the center of the low-beam headlight bulbs).

LI-14

LIGHTING – HEADLIGHT ASSEMBLY

4. INSPECT HEADLIGHT AIMING

- (a) Cover the headlight on the opposite side or disconnect its connector to prevent light from the headlight not being inspected from affecting headlight aiming inspection.

NOTICE:

Do not keep the headlight covered for more than 3 minutes. The headlight lens is made of synthetic resin, and may easily melt or be damaged due to heat.

HINT:

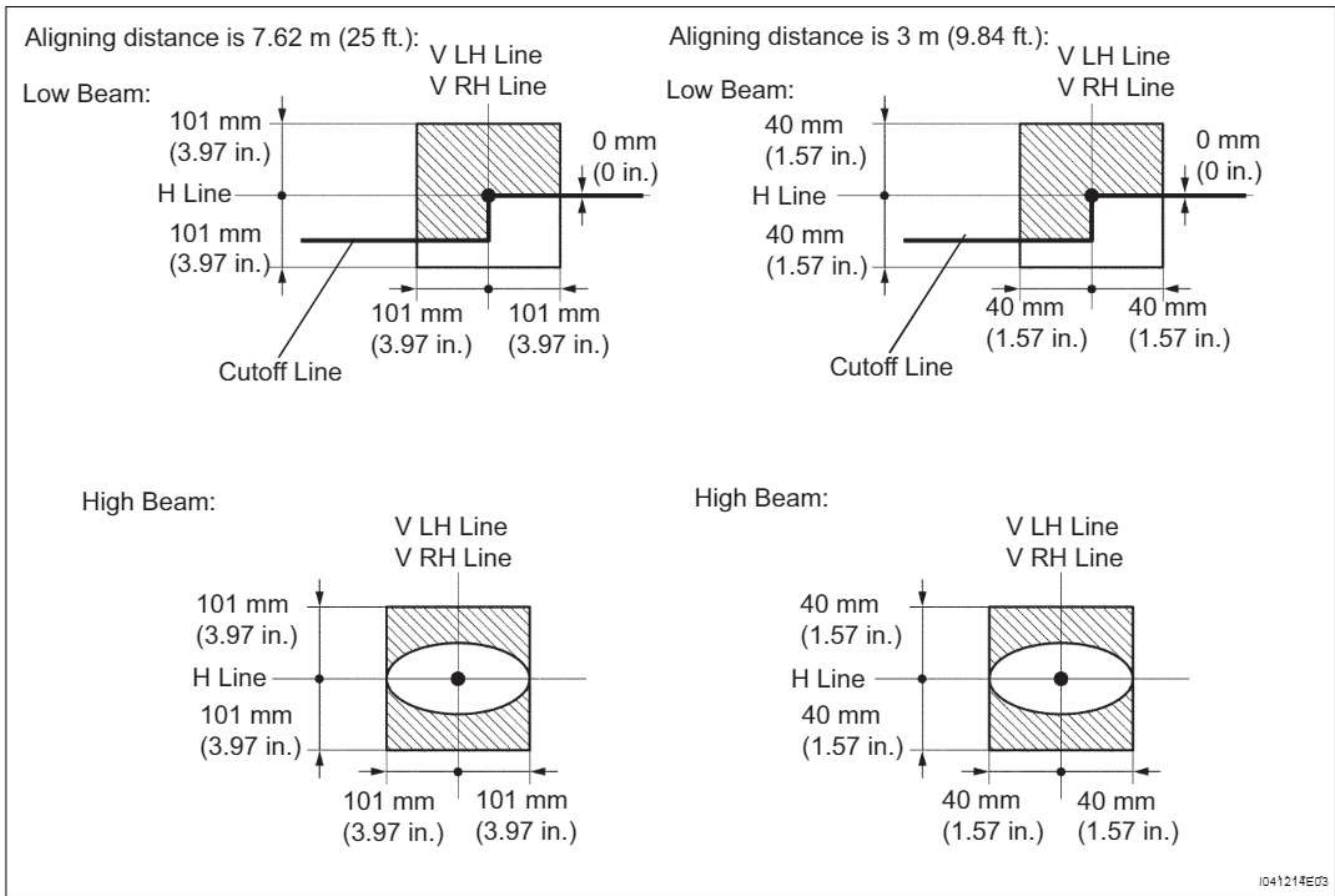
When checking the aim of the high-beam, cover the low-beam or disconnect the connector.

- (b) Start the engine.

NOTICE:

Engine rpm must be 1,500 or more.

- (c) Turn on the headlight and make sure that the cutoff line falls within the specified area, as shown in the illustration.

**HINT:**

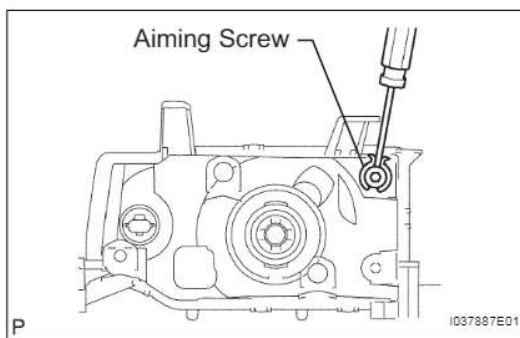
- Since the low-beam light and the high-beam light are a unit, if the aim on one is correct, the other should also be correct. However, check both beams just to make sure.

LIGHTING – HEADLIGHT ASSEMBLY

LI-15

- Alignment distance is 7.62 m (25 ft.):
The cutoff line is 101 mm (3.97 in.) above and below the H line as well as left and right of the V line with low-beam.
- Alignment distance is 3 m (9.84 ft.):
The cutoff line is 40 mm (1.57 in.) above and below the H line as well as left and right of the V line with low-beam.
- Alignment distance is 7.62 m (25 ft.):
The cutoff line is 101 mm (3.97 in.) above and below the H line as well as left and right of the V line with high-beam.
- Alignment distance is 3 m (9.84 ft.):
The cutoff line is 40 mm (1.57 in.) above and below the H line as well as left and right of the V line with high-beam.
- Alignment distance is 7.62 m (25 ft.):
The cutoff line is 53 mm (2.08 in.) below the H line with low-beam.
- Alignment distance is 3 m (9.84 ft.):
The cutoff line is 21 mm (0.82 in.) below the H line with low-beam.

LI



5. ADJUST HEADLIGHT AIMING

(a) Adjust the aim vertically:

Adjust the headlight aim into the specified range by turning aiming screw with a screwdriver.

NOTICE:

The final turn of the aiming screw should be made in the clockwise direction. If the screw is tightened excessively, loosen it and then retighten it, so that the final turn of the screw is in the clockwise direction.

HINT:

- Perform low-beam aim adjustment.
- The headlight aim moves up when turning the aiming screw clockwise, and moves down when turning the aiming screw counterclockwise.

LIGHTING SYSTEM

PRECAUTION

1. PRECAUTION OF HEADLIGHT BULB REPLACEMENT

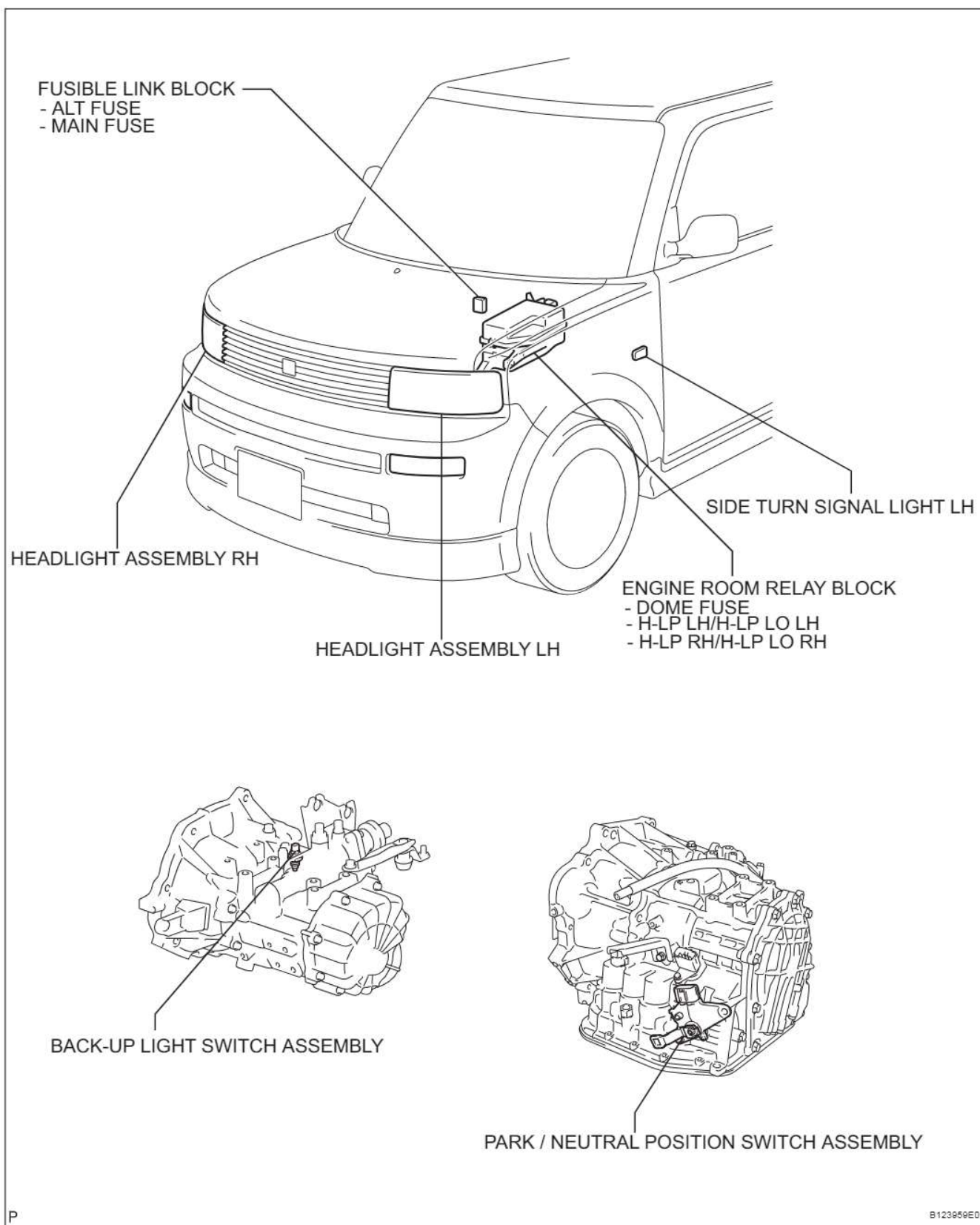
- (a) If the surface halogen light (headlight) is coated with oil, light service life is shortened because of the heat generated when the light is on.
- (b) Since the internal pressure of the halogen light bulb (headlight) is high, handle carefully. It may explode if dropped.
- (c) Try not to handle the lens too much when changing the light because it could result in a dirty or moist lens. Always have the replacement bulb prepared before starting the installation.
- (d) Always replace the bulb with one of the same wattage.
- (e) In order to avoid a cloudy lens or leakage, firmly reinstall the socket after bulb replacement.

LI

LI-2

LIGHTING – LIGHTING SYSTEM

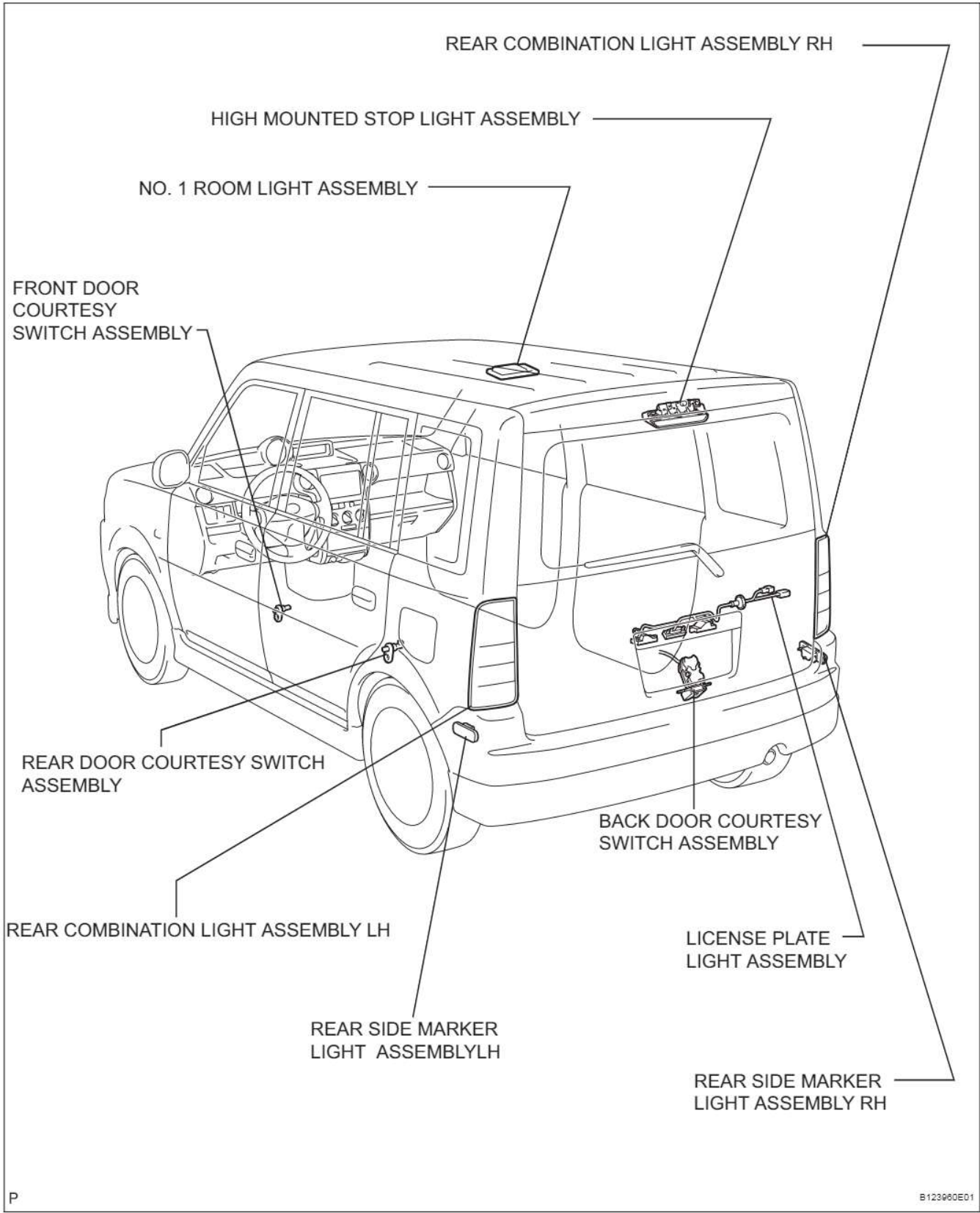
PARTS LOCATION



LIGHTING – LIGHTING SYSTEM

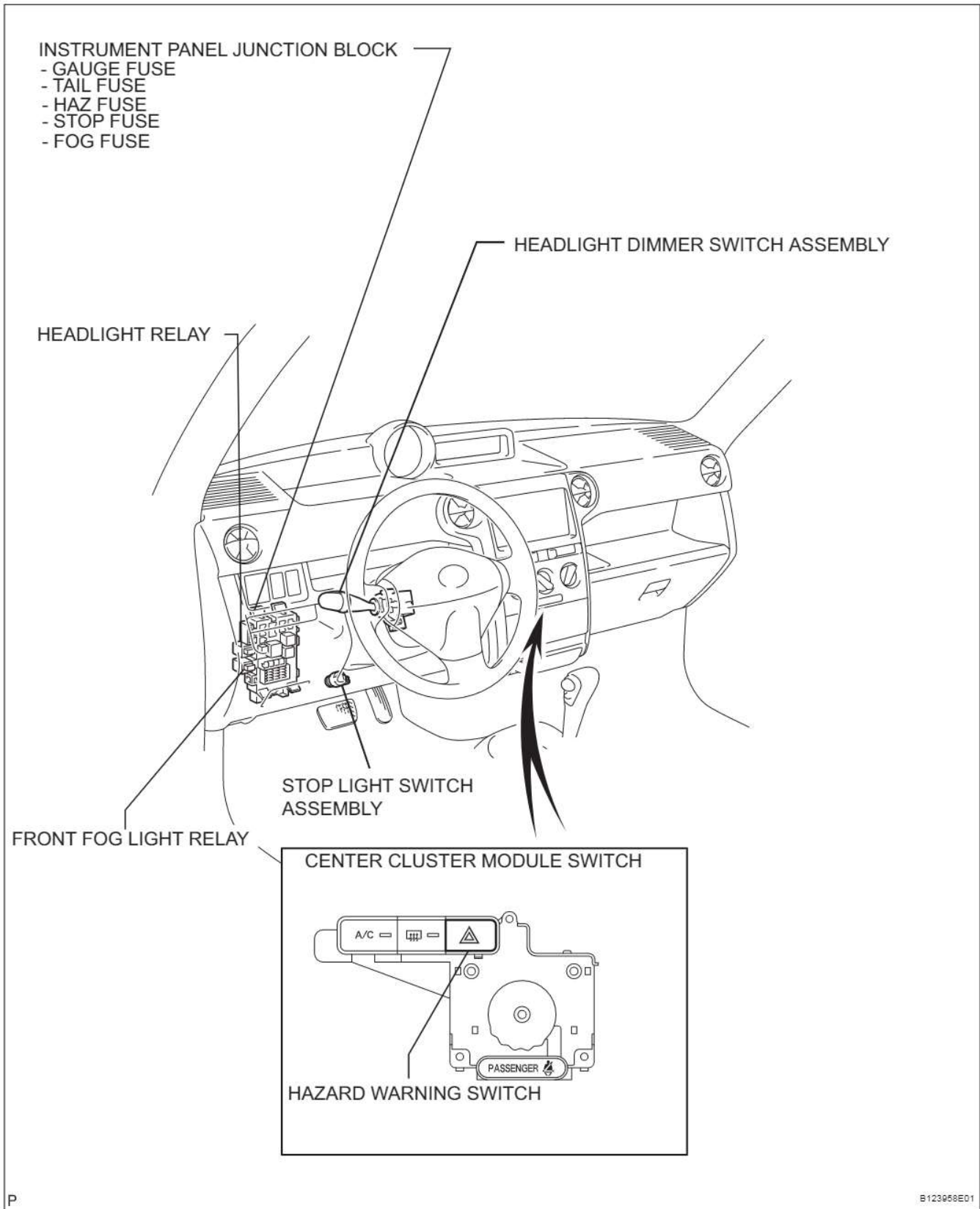
LI-3

LI



LI-4

LIGHTING – LIGHTING SYSTEM



LI-16

LIGHTING – HEADLIGHT ASSEMBLY

REASSEMBLY

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. INSTALL CLEARANCE LIGHT BULB

- (a) Install the bulb to the socket.
- (b) Install the clearance light socket.

2. INSTALL NO. 1 HEADLIGHT BULB

- (a) Release the lock of the set spring and install the headlight No. 1 bulb.

3. INSTALL HEADLIGHT SOCKET COVER

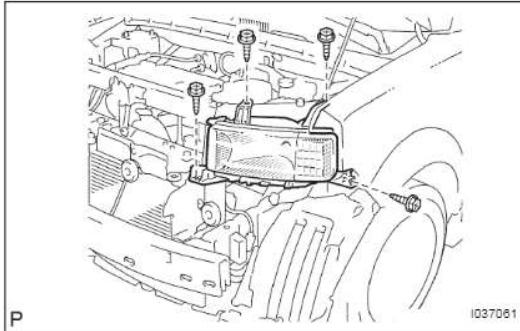
- (a) Install the headlight socket cover.

LI

INSTALLATION

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

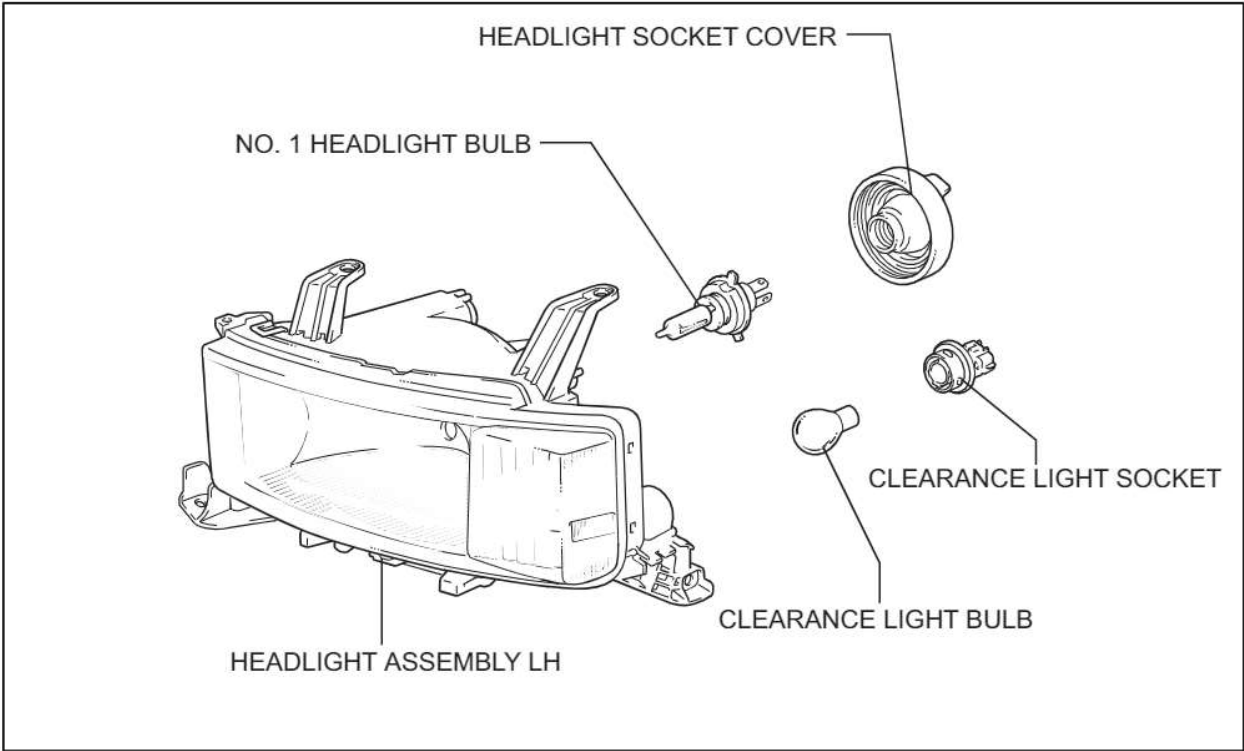
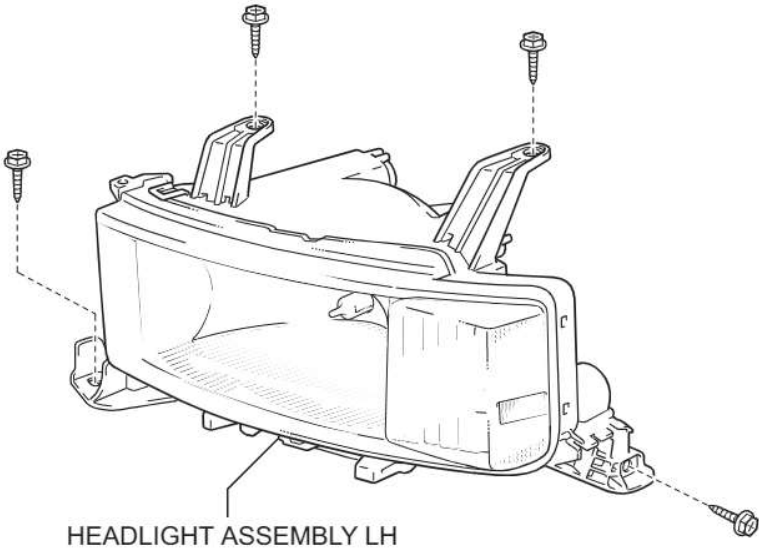


1. **INSTALL HEADLIGHT ASSEMBLY LH**
 - (a) Install the headlight with the 4 screws.
 - (b) Connect the connectors.
2. **INSTALL FRONT BUMPER COVER** (See page [ET-4](#))
3. **INSTALL FRONT FENDER LINER LH** (See page [ET-4](#))
4. **INSTALL FRONT FENDER LINER RH** (See page [ET-4](#))
5. **INSTALL RADIATOR GRILLE** (See page [ET-4](#))
6. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
7. **INSPECT HEADLIGHT AIMING** (See page [LI-13](#))
8. **ADJUST HEADLIGHT AIMING** (See page [LI-14](#))

LI

HEADLIGHT ASSEMBLY

COMPONENTS



LI-10

LIGHTING – HEADLIGHT ASSEMBLY

REMOVAL

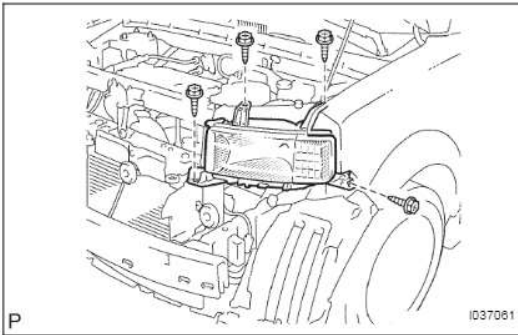
HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**CAUTION:**

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation

- 2. REMOVE RADIATOR GRILLE** (See page [ET-2](#))
- 3. REMOVE FRONT FENDER LINER LH** (See page [ET-2](#))
- 4. REMOVE FRONT FENDER LINER RH** (See page [ET-2](#))
- 5. REMOVE FRONT BUMPER COVER** (See page [ET-2](#))
- 6. REMOVE HEADLIGHT ASSEMBLY LH**
 - (a) Remove the 4 screws.
 - (b) Disconnect the connectors and remove the headlight.



LI-18**LIGHTING – SIDE TURN SIGNAL LIGHT ASSEMBLY**

REASSEMBLY**HINT:**

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. INSTALL SIDE TURN SIGNAL LIGHT BULB

- (a) Install the light bulb to the light socket.
- (b) Install the light socket.

LI

INSTALLATION

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

- 1. INSTALL SIDE TURN SIGNAL LIGHT ASSEMBLY LH**
 - (a) Connect the connector and install the side turn signal light.
 - (b) Attach the side turn signal light with the 2 claws and install the light.
- 2. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

LI

LI-16

LIGHTING – SIDE TURN SIGNAL LIGHT ASSEMBLY

SIDE TURN SIGNAL LIGHT ASSEMBLY

REMOVAL

HINT:

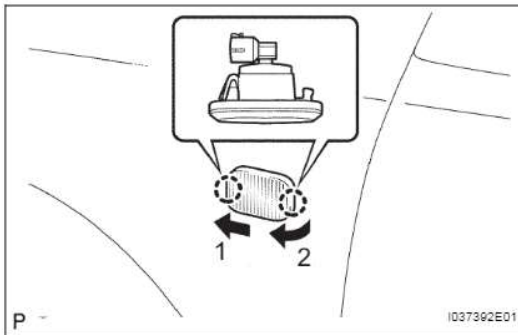
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**CAUTION:**

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE SIDE TURN SIGNAL LIGHT ASSEMBLY LH

- (a) Pull the side turn signal light LH as shown in the illustration and detach the 2 claws.
- (b) Disconnect the connector and remove the light.

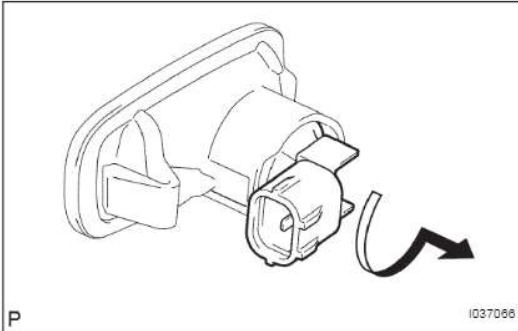


LIGHTING – SIDE TURN SIGNAL LIGHT ASSEMBLY**LI-17****DISASSEMBLY****HINT:**

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. REMOVE SIDE TURN SIGNAL LIGHT BULB

- (a) Remove the light socket as shown in the illustration.
- (b) Remove the light bulb from the light socket.

**LI**

REASSEMBLY

HINT:

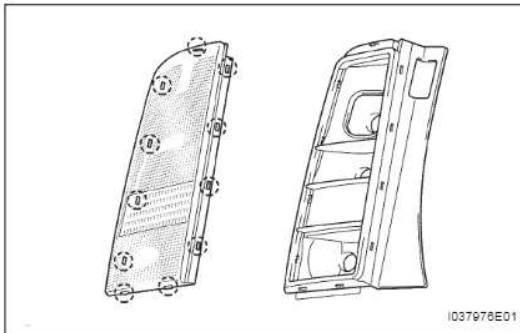
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. INSTALL REAR COMBINATION LIGHT LENS GASKET LH

- (a) Install a new rear combination light lens gasket on the rear combination light lens.

NOTICE:

Be sure to replace the rear combination lens gasket with a new one because it cannot be reused.

LI

2. INSTALL REAR COMBINATION LIGHT LENS LH

- (a) Attach the 11 claws to install the rear combination light lens.

NOTICE:

Make sure that water cannot go inside the rear combination light by applying water with automatic car wash or a hose.

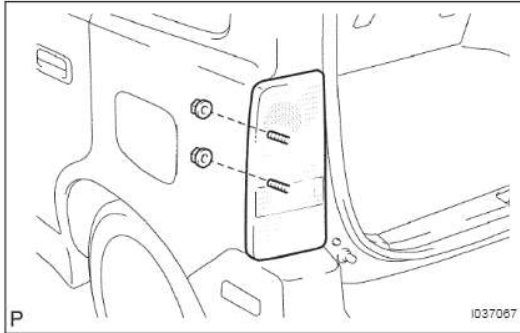
3. INSTALL REAR COMBINATION LIGHT BULB

- (a) Install the 3 light bulbs to the light sockets.
(b) Install the 3 light sockets.

4. INSTALL REAR COMBINATION LIGHT BODY GASKET LH

LI-20**LIGHTING – REAR COMBINATION LIGHT ASSEMBLY****INSTALLATION****HINT:**

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.



- 1. INSTALL REAR COMBINATION LIGHT ASSEMBLY LH**
 - (a) Install the rear combination light with the 2 nuts.
 - (b) Connect the connector.
- 2. INSTALL REAR COMBINATION LIGHT SERVICE COVER LH**
- 3. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

REAR COMBINATION LIGHT ASSEMBLY

REMOVAL

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

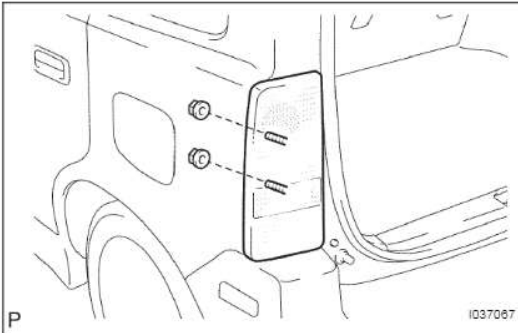
CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE REAR COMBINATION LIGHT SERVICE COVER LH

3. REMOVE REAR COMBINATION LIGHT ASSEMBLY LH

- (a) Disconnect the connector.
- (b) Remove the 2 nuts and rear combination light.



LI-18

LIGHTING – REAR COMBINATION LIGHT ASSEMBLY

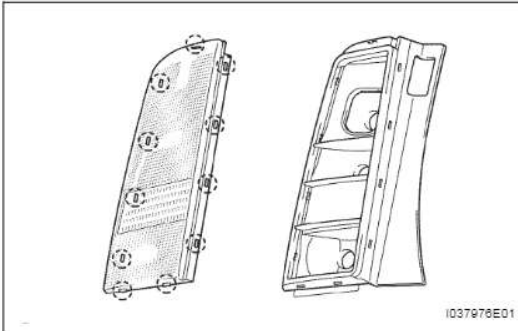
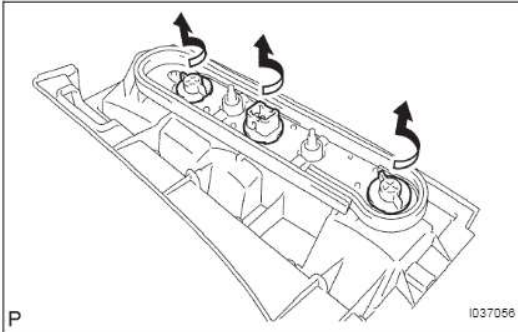
DISASSEMBLY

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. REMOVE REAR COMBINATION LIGHT BODY GASKET LH**2. REMOVE REAR COMBINATION LIGHT BULB**

- (a) Remove the 3 light sockets as shown in the illustration.
- (b) Remove the 3 light bulbs from the light sockets.

**3. REMOVE REAR COMBINATION LIGHT LENS LH**

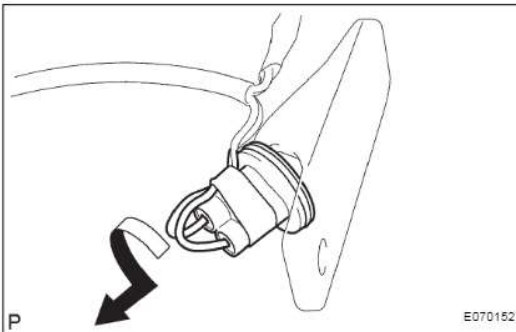
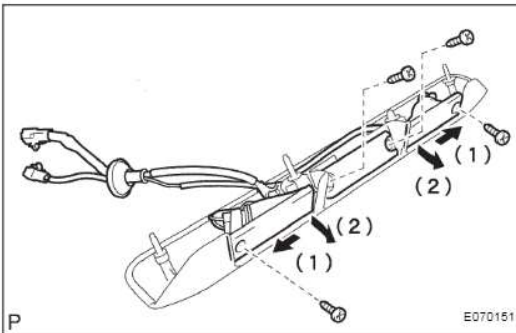
- (a) Using a screwdriver, detach the 11 claws and remove the rear combination light lens.

4. REMOVE REAR COMBINATION LIGHT LENS GASKET LH

LICENSE PLATE LIGHT ASSEMBLY

REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
CAUTION:
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.
2. **REMOVE BACK DOOR TRIM BOARD** (See page [ED-38](#))
3. **REMOVE BACK DOOR GARNISH OUTSIDE** (See page [ET-24](#))
4. **REMOVE LICENSE PLATE LIGHT ASSEMBLY**
 - (a) Remove the 4 screws and light as shown in the illustration.



DISASSEMBLY

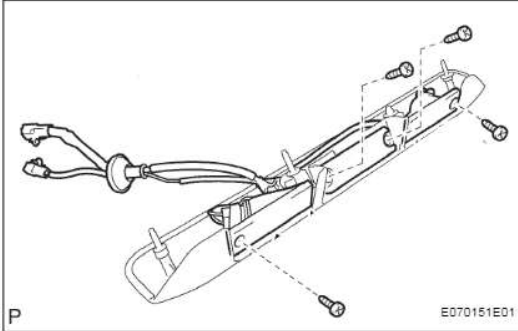
1. **REMOVE LICENSE PLATE LIGHT BULB**
 - (a) Remove the license plate light socket as shown in the illustration.
 - (b) Remove the light bulb from the socket.

LI-20**LIGHTING – LICENSE PLATE LIGHT ASSEMBLY****REASSEMBLY**

1. **INSTALL LICENSE PLATE LIGHT BULB**
 - (a) Install the light bulb to the light socket.
 - (b) Install the light socket to the rear light.

INSTALLATION

1. **INSTALL LICENSE PLATE LIGHT ASSEMBLY**
 - (a) Install the rear light with the 4 screws.
2. **INSTALL BACK DOOR GARNISH OUTSIDE** (See page [ET-24](#))
3. **INSTALL BACK DOOR TRIM BOARD** (See page [ED-41](#))
4. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**



LI-20

LIGHTING – HIGH MOUNTED STOP LIGHT ASSEMBLY

HIGH MOUNTED STOP LIGHT ASSEMBLY

REMOVAL

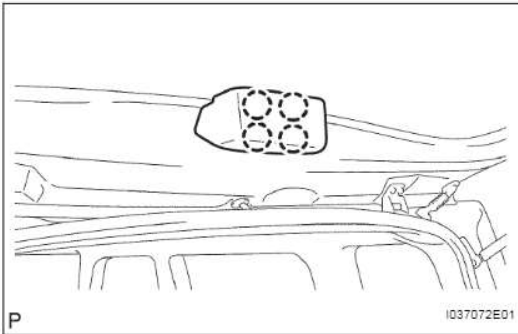
1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE HIGH MOUNTED STOP LIGHT COVER

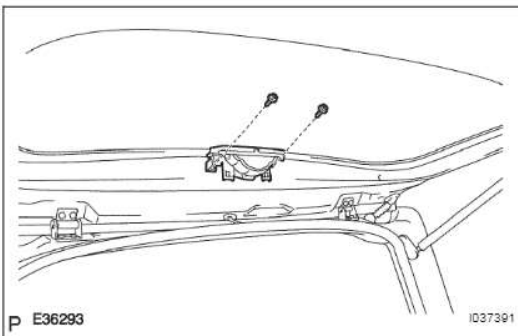
(a) Detach the 4 claws and remove the stop light cover.



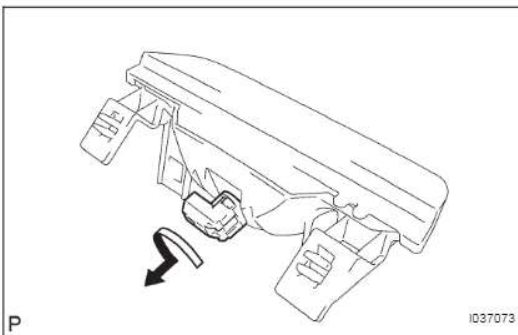
3. REMOVE HIGH MOUNTED STOP LIGHT ASSEMBLY

(a) Remove the 2 screws.

(b) Disconnect the connector and remove the stop light.

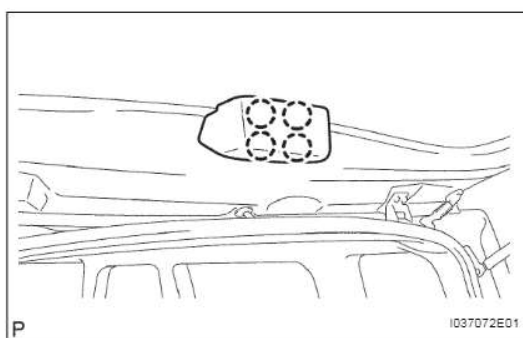
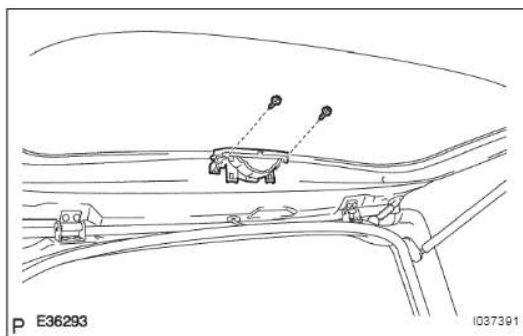


(c) Remove the stop light bulb as shown in the illustration.



LIGHTING – HIGH MOUNTED STOP LIGHT ASSEMBLY**LI-21****INSTALLATION****1. INSTALL HIGH MOUNTED STOP LIGHT ASSEMBLY**

- (a) Install the light bulb.
- (b) Connect the connector.
- (c) Install the stop light with the 2 screws.

**2. INSTALL HIGH MOUNTED STOP LIGHT COVER**

- (a) Attach the 4 claws to install the stop light cover.

3. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**LI**

LI-22

LIGHTING – REAR SIDE MARKER LIGHT ASSEMBLY

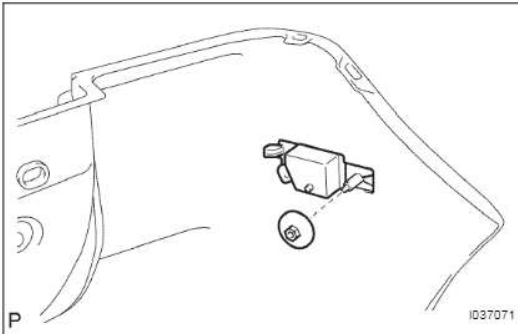
REAR SIDE MARKER LIGHT ASSEMBLY

REMOVAL

HINT:

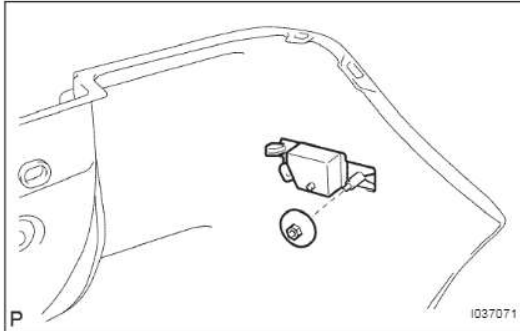
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
2. **REMOVE REAR BUMPER SIDE SEAL LH** (See page [ET-6](#))
3. **REMOVE REAR BUMPER SIDE SEAL RH** (See page [ET-6](#))
4. **REMOVE REAR BUMPER COVER** (See page [ET-7](#))
5. **REMOVE REAR SIDE MARKER LIGHT ASSEMBLY LH**
 - (a) Disconnect the connector.
 - (b) Remove the nut and rear side marker light.



LIGHTING – REAR SIDE MARKER LIGHT ASSEMBLY**LI-23****INSTALLATION****HINT:**

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.



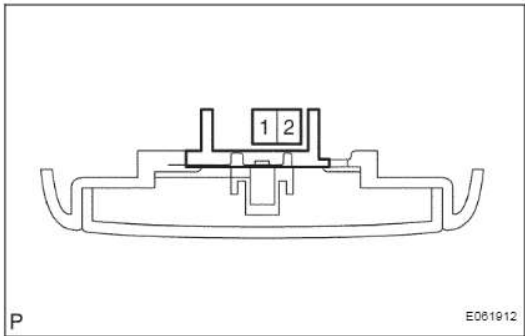
- 1. INSTALL REAR SIDE MARKER LIGHT ASSEMBLY LH**
 - (a) Install the rear side marker light with the nut.
 - (b) Connect the connector.
- 2. INSTALL REAR BUMPER COVER** (See page [ET-9](#))
- 3. INSTALL REAR BUMPER SIDE SEAL LH** (See page [ET-9](#))
- 4. INSTALL REAR BUMPER SIDE SEAL RH** (See page [ET-9](#))
- 5. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

LI

ROOM LIGHT ASSEMBLY

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
- CAUTION:
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.
2. REMOVE NO. 1 ROOM LIGHT ASSEMBLY
- (a) Remove the room light (see page IR-8).



INSPECTION

1. INSPECT NO. 1 ROOM LIGHT ASSEMBLY
- (a) Check that the light operates properly.
- OK

Tester Connection	Switch Condition	Specified Condition
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	ON	Light comes on
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	DOOR	Light comes on
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	OFF	Light does not come on

If the result is not as specified, replace the light assembly.

LI-24**LIGHTING – ROOM LIGHT ASSEMBLY**

INSTALLATION

- 1. INSTALL NO. 1 ROOM LIGHT ASSEMBLY**
 - (a) Install the room light (see page [IR-9](#)).
- 2. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

LI

HEADLIGHT DIMMER SWITCH

REMOVAL

- 1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

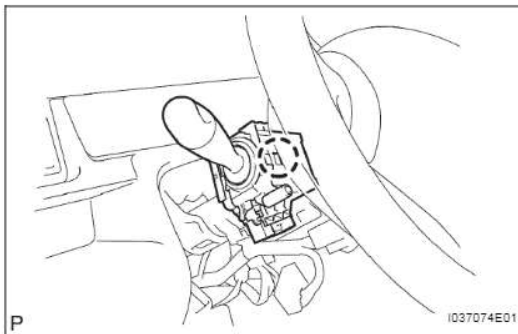
- 2. REMOVE STEERING COLUMN COVER (See page [SR-10](#))**

- ### 3. REMOVE HEADLIGHT DIMMER SWITCH ASSEMBLY

- (a) Disconnect the connector of the headlight dimmer switch.
- (b) Using a screwdriver, detach the claw and pull out the headlight dimmer switch.

NOTICE:

Pressing the claw too hard breaks the teeth.



INSPECTION

- ## 1. INSPECT HEADLIGHT DIMMER SWITCH ASSEMBLY

- (a) Inspect the headlight dimmer switch continuity.
 - (1) Measure the resistance of the switch.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
10 - 13 11 - 12	OFF	10 k Ω or higher
10 - 13	TAIL	Below 1 Ω
10 - 13	HEAD	Below 1 Ω
11 - 12	HEAD	Below 1 Ω

- (b) Inspect the headlight dimmer switch.

- (1) Measure the resistance of the switch.

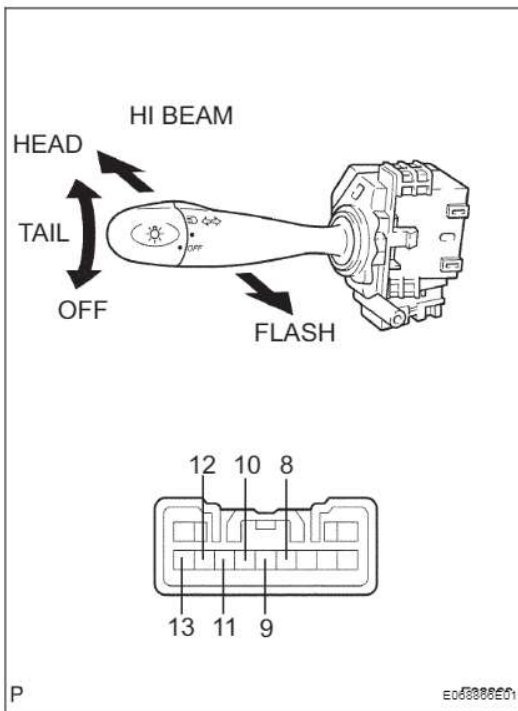
Standard resistance

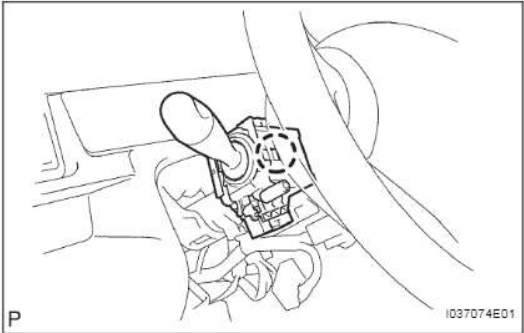
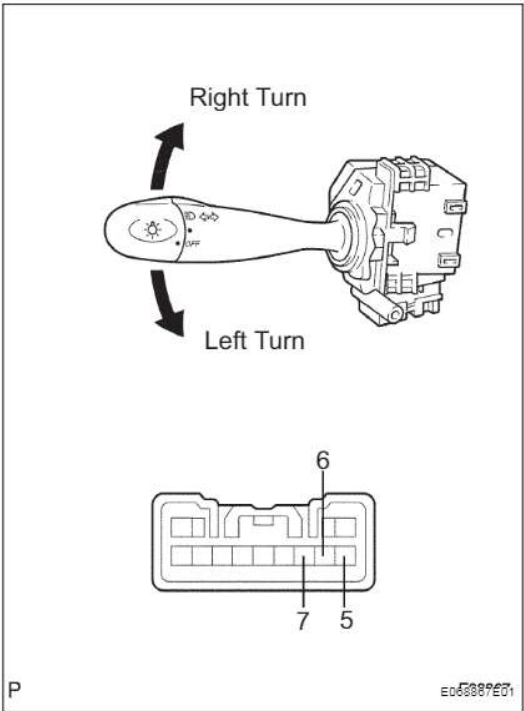
Tester Connection	Switch Condition	Specified Condition
9 - 11	FLASH	Below 1 Ω
8 - 10	LOW BEAM	Below 1 Ω
9 - 11	HI BEAM	Below 1 Ω

HINT:

Turn the headlight dimmer switch to the HEAD position when checking "LOW BEAM" and "HI BEAM".

If the result is not as specified, replace the switch assembly.





- (c) Inspect the turn signal switch.
(1) Measure the resistance of the switch.
Standard resistance

Tester Connection	Switch Condition	Specified Condition
6 - 7	Right turn	Below 1 Ω
5 - 6 - 7	Neutral	10 k Ω or higher
5 - 6	Left turn	Below 1 Ω

If the result is not as specified, replace the switch assembly.

LI

INSTALLATION

1. **INSTALL HEADLIGHT DIMMER SWITCH ASSEMBLY**
(a) Attach the claw and install the headlight dimmer switch.
(b) Connect the connector.
2. **INSTALL STEERING COLUMN COVER** (See page [SR-18](#))
3. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

HAZARD WARNING SWITCH

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY
TERMINAL
CAUTION:
Wait at least 90 seconds after disconnecting the
cable from the negative (-) battery terminal to
prevent airbag and seat belt pretensioner activation.
2. REMOVE HEATER CONTROL KNOB (See page AC-
109)
3. REMOVE INSTRUMENT CLUSTER FINISH PANEL
CENTER (See page IP-6)
4. REMOVE CENTER CLUSTER MODULE SWITCH (See
page AC-109)

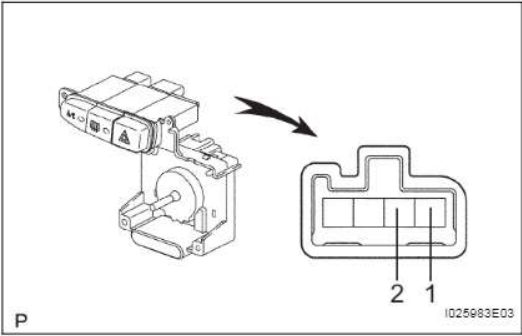
INSPECTION

1. INSPECT CENTER CLUSTER MODULE SWITCH
(HAZARD WARNING SWITCH)
(a) Measure the resistance of the switch.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
1 - 2	ON	Below 1 Ω
1 - 2	OFF	10 kΩ or higher

If the result is not as specified, replace the switch
assembly.



INSTALLATION

1. INSTALL CENTER CLUSTER MODULE SWITCH (See page [AC-112](#))
2. INSTALL INSTRUMENT CLUSTER FINISH PANEL CENTER (See page [IP-12](#))
3. INSTALL HEATER CONTROL KNOB (See page [AC-112](#))
4. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

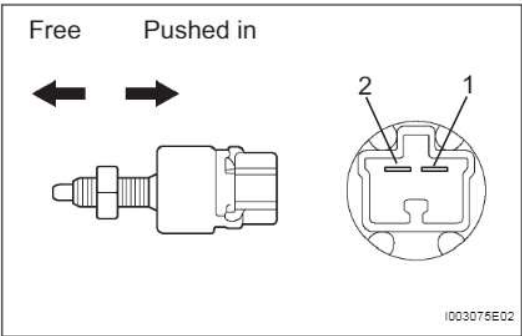
LI

STOP LIGHT SWITCH

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY
TERMINAL
CAUTION:
Wait at least 90 seconds after disconnecting the
cable from the negative (-) battery terminal to
prevent airbag and seat belt pretensioner activation.
2. REMOVE STOP LIGHT SWITCH ASSEMBLY (See
page BR-8)

LI



INSPECTION

1. INSPECT STOP LIGHT SWITCH ASSEMBLY
- (a) Inspect the stop light switch.
- (1) Measure the resistance of the switch.
- Standard resistance

Tester Connection	Switch Condition	Specified Condition
1 - 2	Switch pin pushed in (Pedal released)	10 kΩ or higher
1 - 2	Switch pin free (Pedal depressed)	Below 1 Ω

If the result is not as specified, replace the switch assembly.

LI-28**LIGHTING – STOP LIGHT SWITCH**

INSTALLATION

1. **INSTALL STOP LIGHT SWITCH ASSEMBLY (See page [BR-10](#))**
2. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

LI

BACK-UP LIGHT SWITCH

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY
TERMINAL
CAUTION:
Wait at least 90 seconds after disconnecting the
cable from the negative (-) battery terminal to
prevent airbag and seat belt pretensioner activation.
2. REMOVE BACK-UP LIGHT SWITCH ASSEMBLY (for
Manual Transaxle) (See page [MX-34](#))

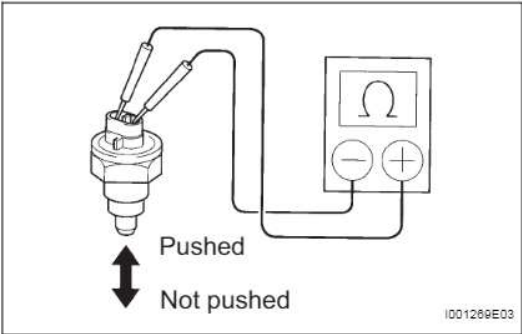
INSPECTION

1. INSPECT BACK-UP SWITCH ASSEMBLY
- (a) Inspect the back-up light switch.
- (1) Measure the resistance of the switch.

Standard resistance

Tester Connection	Switch operation	Specified condition
1 - 2	Pushed	Below 1 Ω
1 - 2	Not pushed	10 kΩ or higher

If the result is not as specified, replace the
switch assembly.



INSTALLATION

1. **INSTALL BACK-UP SWITCH ASSEMBLY** (for Manual Transaxle) (See page [MX-64](#))
2. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

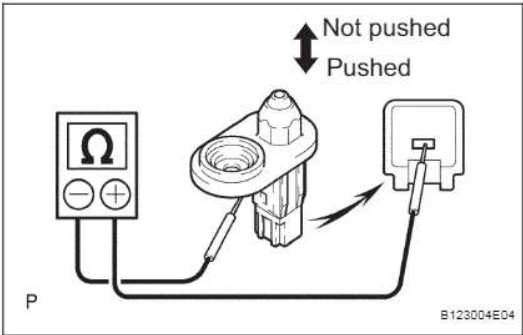
LI

FRONT DOOR COURTESY SWITCH

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
CAUTION:
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.
2. REMOVE FRONT DOOR COURTESY SWITCH ASSEMBLY
(a) Remove the bolt and switch.
(b) Disconnect the connector.

LI



INSPECTION

1. INSPECT FRONT DOOR COURTESY SWITCH ASSEMBLY
(a) Inspect the front door courtesy switch.
(1) Measure the resistance of the switch.

Standard resistance

Tester Connection	Switch Operation	Specified Condition
1 - Switch body	Pushed	10 k Ω or higher
1 - Switch body	Not pushed	Below 1 Ω

If the result is not as specified, replace the switch assembly.

LI-30**LIGHTING – FRONT DOOR COURTESY SWITCH**

INSTALLATION

- 1. INSTALL FRONT DOOR COURTESY SWITCH ASSEMBLY**
 - (a) Connect the connector.
 - (b) Install the switch with the bolt.
- 2. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

LI

REAR DOOR COURTESY SWITCH

REMOVAL

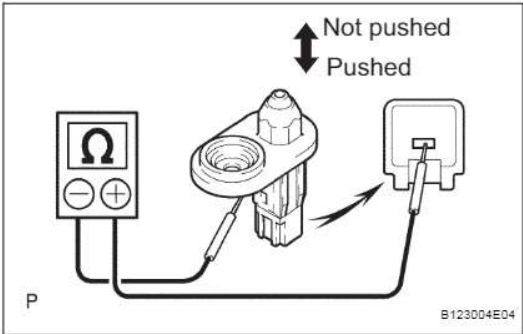
1. DISCONNECT CABLE FROM NEGATIVE BATTERY
TERMINAL
CAUTION:
Wait at least 90 seconds after disconnecting the
cable from the negative (-) battery terminal to
prevent airbag and seat belt pretensioner activation.
2. REMOVE REAR DOOR COURTESY SWITCH
ASSEMBLY
(a) Remove the bolt and switch.
(b) Disconnect the connector.

INSPECTION

1. INSPECT REAR DOOR COURTESY SWITCH
ASSEMBLY
(a) Inspect the rear door courtesy switch.
(1) Measure the resistance of the switch.
Standard resistance

Tester Connection	Switch Operation	Specified Condition
1 - Switch body	Pushed	10 kΩ or higher
1 - Switch body	Not pushed	Below 1 Ω

If the result is not as specified, replace the switch assembly.



INSTALLATION

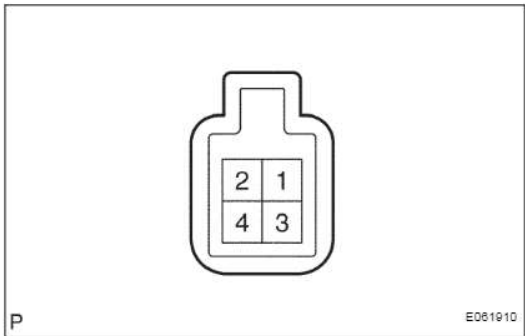
- 1. INSTALL REAR DOOR COURTESY SWITCH ASSEMBLY**
 - (a) Connect the connector.
 - (b) Install the switch with the bolt.
- 2. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

LI

BACK DOOR COURTESY SWITCH

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
CAUTION:
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.
2. REMOVE BACK DOOR TRIM BOARD ASSEMBLY
(See page [ED-38](#))
3. REMOVE BACK DOOR LOCK ASSEMBLY (BACK DOOR COURTESY SWITCH) (See page [ED-39](#))



INSPECTION

1. INSPECT BACK DOOR LOCK ASSEMBLY (BACK DOOR COURTESY SWITCH)
(a) Measure the resistance of the switch.
Standard resistance

Tester connection	Switch Operation	Specified Condition
1 - 2	Back door is closed	10 kΩ or higher
1 - 2	Back door is opened	Below 1 Ω

If the result is not as specified, replace the switch assembly.

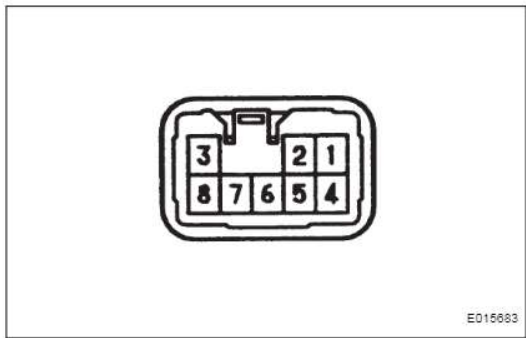
LI-32

LIGHTING – BACK DOOR COURTESY SWITCH

INSTALLATION

1. **INSTALL BACK DOOR LOCK ASSEMBLY (BACK DOOR COURTESY SWITCH)** (See page [ED-41](#))
2. **INSTALL BACK DOOR TRIM BOARD ASSEMBLY** (See page [ED-41](#))
3. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

LI



TURN SIGNAL FLASHER ASSEMBLY

ON-VEHICLE INSPECTION

1. INSPECT TURN SIGNAL FLASHER ASSEMBLY
- (a) Connect the connector to the turn signal flasher assembly and inspect the wire harness side connector from the back as shown in the table below.

Standard voltage

Tester connection	Condition	Specified Condition
2 - Body ground	Hazard warning switch OFF	0 V
2 - Body ground	Hazard warning switch ON	Alternating between 0 to 9 V (60 to 120 times per minute)
2 - Body ground	Turn signal switch (right turn) OFF	0 V
2 - Body ground	Turn signal switch (right turn) ON	Alternating between 0 to 9 V (60 to 120 times per minute)
3 - Body ground	Hazard warning switch OFF	0 V
3 - Body ground	Hazard warning switch ON	Alternating between 0 to 9 V (60 to 120 times per minute)
3 - Body ground	Turn signal switch (left turn) OFF	0 V
3 - Body ground	Turn signal switch (left turn) ON	Alternating between 0 to 9 V (60 to 120 times per minute)
5 - Body ground	Turn signal switch (left turn) OFF	Above 9 V
5 - Body ground	Turn signal switch (left turn) ON	0 V
6 - Body ground	Turn signal switch (right turn) OFF	Above 9 V
6 - Body ground	Turn signal switch (right turn) ON	0 V
8 - Body ground	Hazard warning switch OFF	Above 9 V
8 - Body ground	Hazard warning switch ON	0 V

HEADLIGHT RELAY

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY
TERMINAL
CAUTION:
Wait at least 90 seconds after disconnecting the
cable from the negative (-) battery terminal to
prevent airbag and seat belt pretensioner activation.

LI

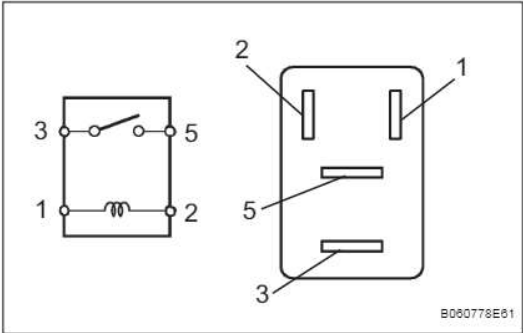
2. REMOVE HEADLIGHT RELAY

INSPECTION

1. INSPECT HEADLIGHT RELAY
(a) Measure the resistance of the relay.
Standard resistance

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

If the result is not as specified, replace the relay.



LI-34**LIGHTING – HEADLIGHT RELAY**

INSTALLATION

1. **INSTALL HEADLIGHT RELAY**
2. **CONNECT CABLE TO NEGATIVE BATTERY
TERMINAL**

LI

FOG LIGHT RELAY

REMOVAL

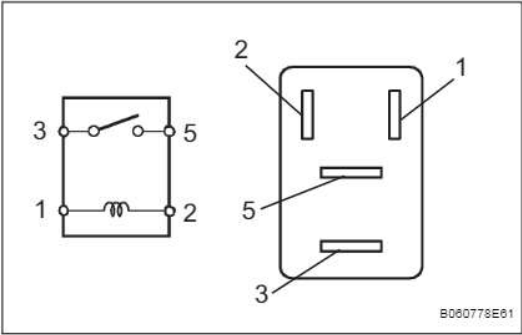
1. DISCONNECT CABLE FROM NEGATIVE BATTERY
TERMINAL
CAUTION:
Wait at least 90 seconds after disconnecting the
cable from the negative (-) battery terminal to
prevent airbag and seat belt pretensioner activation.

2. REMOVE FOG LIGHT RELAY

INSPECTION

1. INSPECT FOG LIGHT RELAY
(a) Measure the resistance of the relay.
Standard resistance

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



INSTALLATION

- 1. INSTALL FOG LIGHT RELAY**
- 2. CONNECT CABLE TO NEGATIVE BATTERY
TERMINAL**

LI