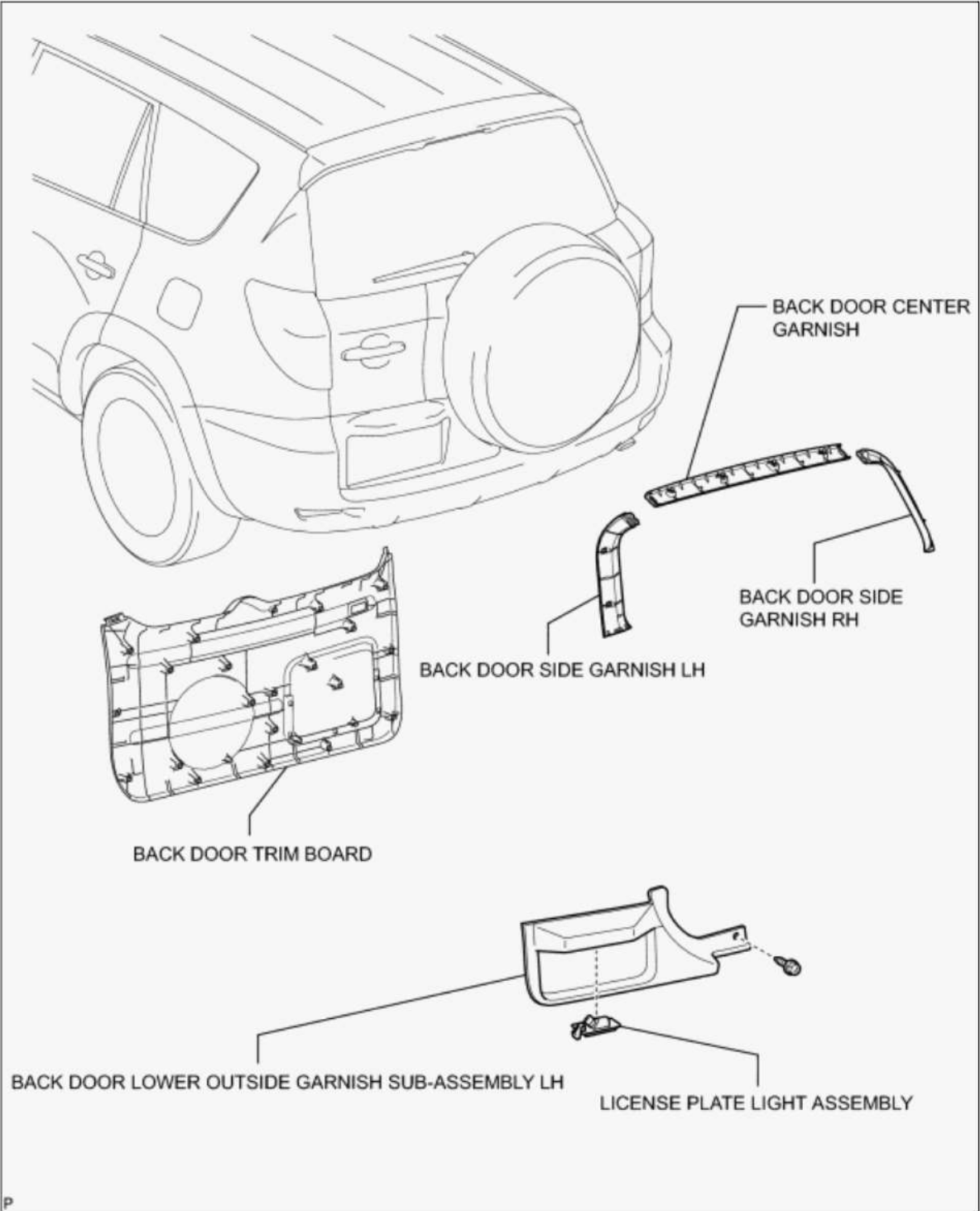


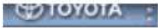
Last Modified: 9-7-2011	6.4 K	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM00000116O00NX
Title: LIGHTING: LICENSE PLATE LIGHT ASSEMBLY (w/ Tire Carrier): COMPONENTS (2011 RAV4)		

COMPONENTS

ILLUSTRATION



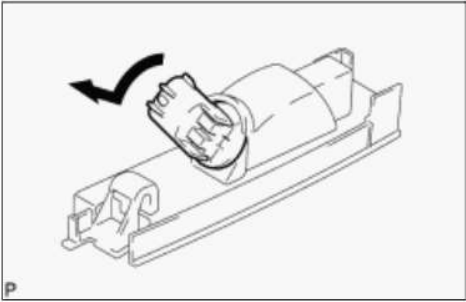
LIGHTING: LICENSE PLATE LIGHT ASSEMBLY (w/ Tire Carrier):... <https://techinfo.toyota.com/t3Portal/document/rm/RM16B0U/xhtml/RM...>



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000001H5P00KX
Title: LIGHTING: LICENSE PLATE LIGHT ASSEMBLY (w/ Tire Carrier): DISASSEMBLY (2011 RAV4)		

DISASSEMBLY

1. REMOVE LICENSE PLATE LIGHT BULB



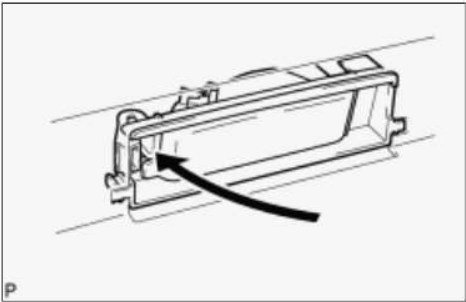
(a) Turn the bulb/socket unit in the direction indicated by the arrow and pull to remove it.

(b) Remove the bulb from the socket.



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM00000113M00NX
Title: LIGHTING: LICENSE PLATE LIGHT ASSEMBLY (w/ Tire Carrier): INSTALLATION (2011 RAV4)		

INSTALLATION



1. INSTALL LICENSE PLATE LIGHT ASSEMBLY

(a) Install the light as shown in the illustration.

2. INSTALL BACK DOOR LOWER OUTSIDE GARNISH SUB-ASSEMBLY [INFO](#)

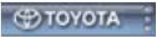
3. INSTALL BACK DOOR TRIM BOARD [INFO](#)

4. INSTALL BACK DOOR SIDE GARNISH RH [INFO](#)

5. INSTALL BACK DOOR SIDE GARNISH LH [INFO](#)

6. INSTALL BACK DOOR CENTER GARNISH [INFO](#)

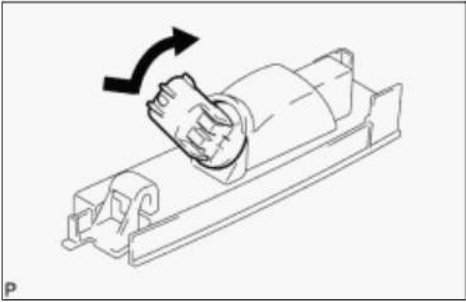
7. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000001H5Q00KX
Title: LIGHTING: LICENSE PLATE LIGHT ASSEMBLY (w/ Tire Carrier): REASSEMBLY (2011 RAV4)		

REASSEMBLY

1. INSTALL LICENSE PLATE LIGHT BULB



(a) Install the bulb to the socket.

- (b) Insert the bulb/socket unit into the headlight.
- (c) Turn the bulb/socket unit in the direction indicated by the arrow to install it.



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM00000113N00NX
Title: LIGHTING: LICENSE PLATE LIGHT ASSEMBLY (w/ Tire Carrier): REMOVAL (2011 RAV4)		

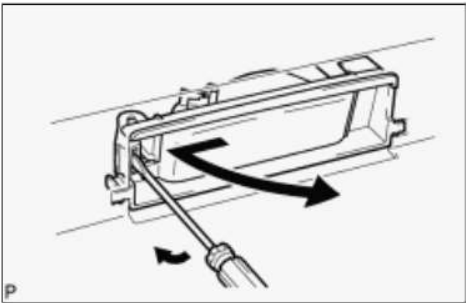
REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

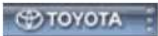
CAUTION:
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent
airbag and seat belt pretensioner activation.

- 2. REMOVE BACK DOOR CENTER GARNISH INFO
- 3. REMOVE BACK DOOR SIDE GARNISH LH INFO
- 4. REMOVE BACK DOOR SIDE GARNISH RH INFO
- 5. REMOVE BACK DOOR TRIM BOARD INFO
- 6. REMOVE BACK DOOR LOWER OUTSIDE GARNISH SUB-ASSEMBLY LH INFO
- 7. REMOVE LICENSE PLATE LIGHT ASSEMBLY

(a) Disconnect the connector.



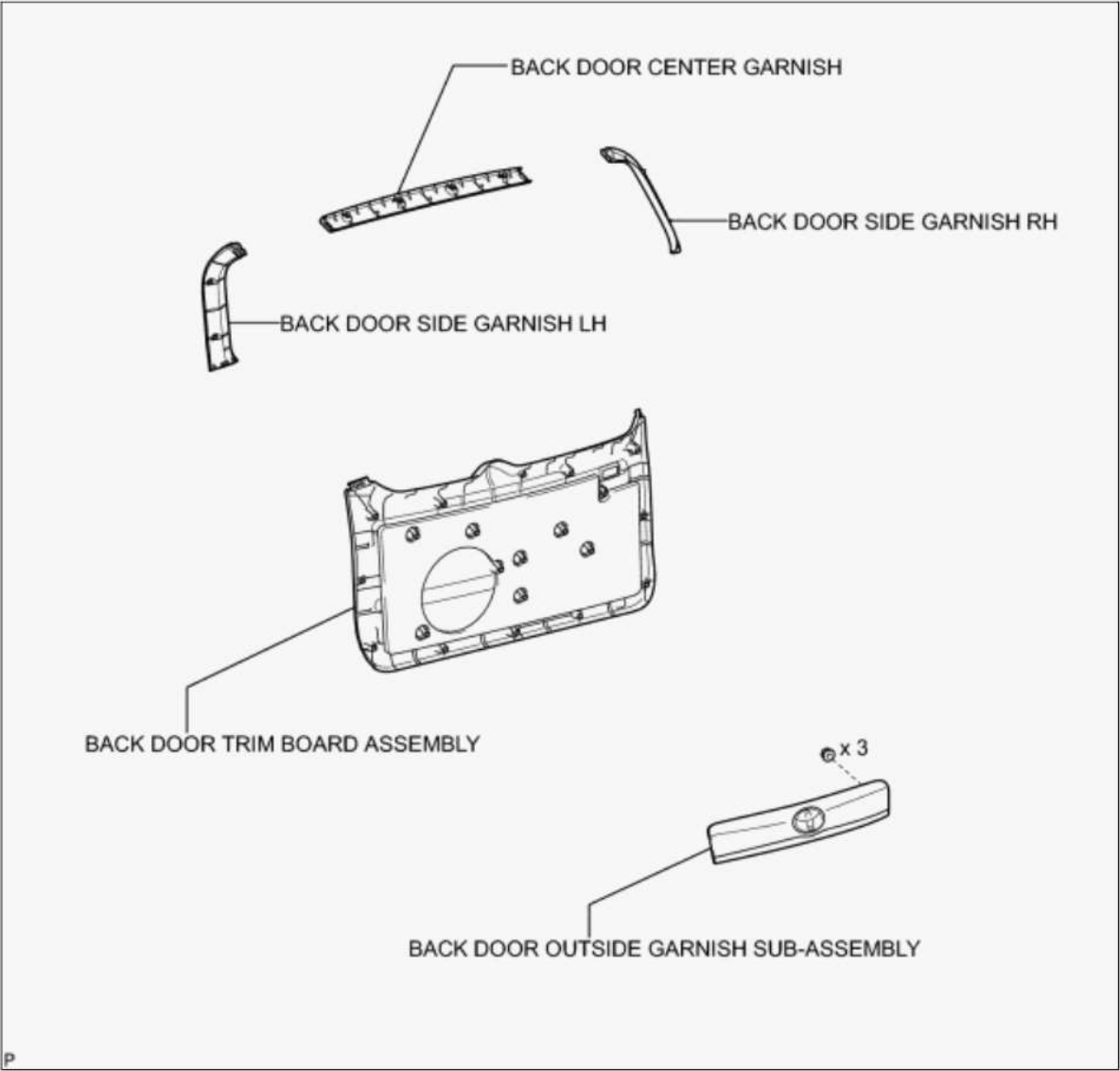
(b) Using a screwdriver, remove the light as shown in the illustration.



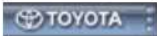
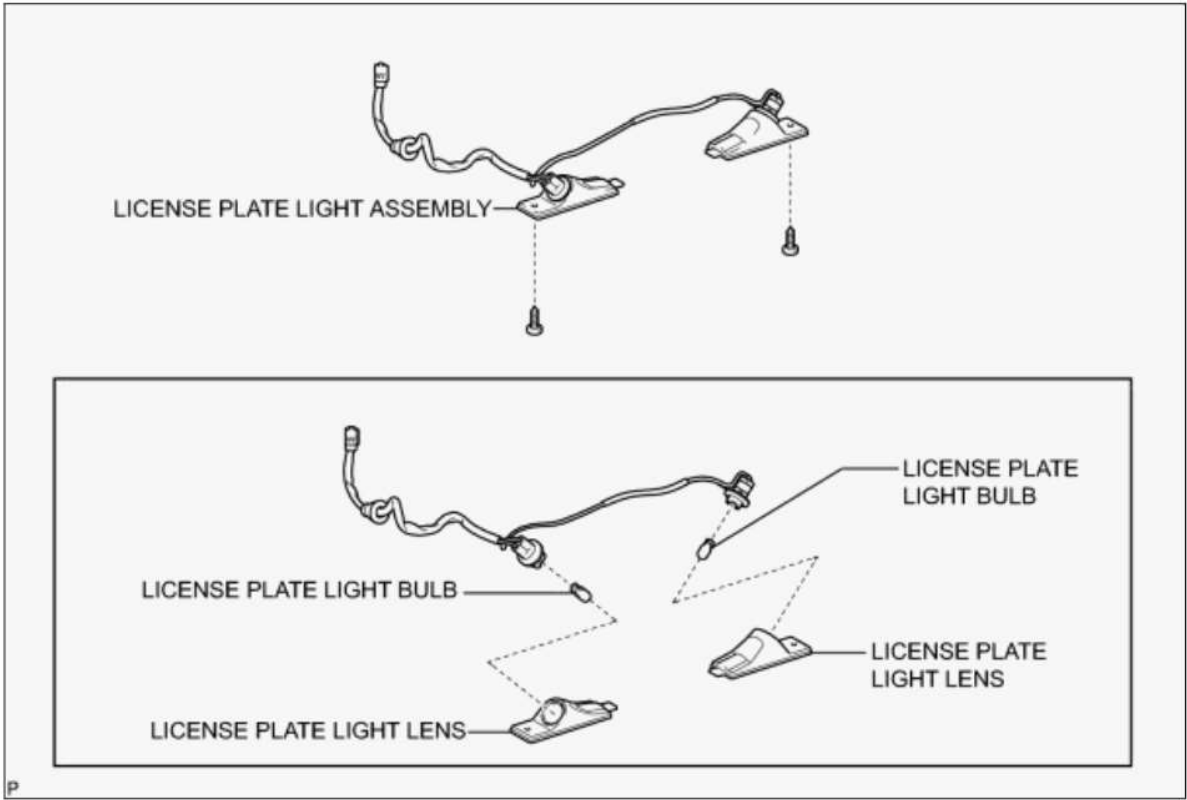
Last Modified: 9-7-2011	6.4 K	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P9Z002X
Title: LIGHTING: LICENSE PLATE LIGHT ASSEMBLY (w/o Tire Carrier): COMPONENTS (2011 RAV4)		

COMPONENTS

ILLUSTRATION



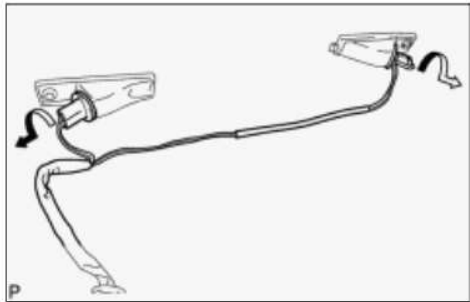
ILLUSTRATION



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003PA1002X
Title: LIGHTING: LICENSE PLATE LIGHT ASSEMBLY (w/o Tire Carrier): DISASSEMBLY (2011 RAV4)		

DISASSEMBLY

1. REMOVE LICENSE PLATE LIGHT BULB



(a) Turn the bulb/socket unit in the direction indicated by the arrow and pull to remove it.

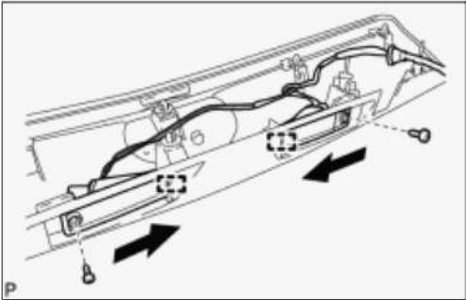
(b) Remove the 2 bulbs.



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P9Y002X
Title: LIGHTING: LICENSE PLATE LIGHT ASSEMBLY (w/o Tire Carrier): INSTALLATION (2011 RAV4)		

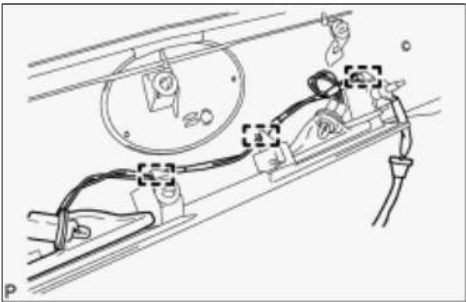
INSTALLATION

1. INSTALL LICENSE PLATE LIGHT ASSEMBLY



(a) Attach the 2 guides.

(b) Install the 2 screws to install the light.



(c) Attach the 3 clamps to attach the harness.

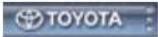
2. INSTALL BACK DOOR OUTSIDE GARNISH SUB-ASSEMBLY [INFO](#)

3. INSTALL BACK DOOR TRIM BOARD ASSEMBLY [INFO](#)

4. INSTALL BACK DOOR SIDE GARNISH RH [INFO](#)

5. INSTALL BACK DOOR SIDE GARNISH LH [INFO](#)

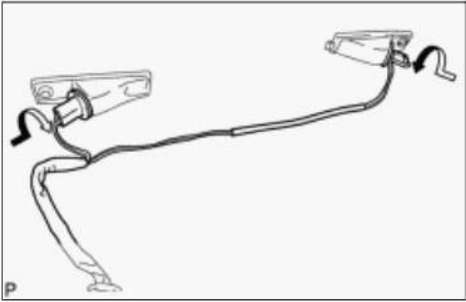
6. INSTALL BACK DOOR CENTER GARNISH [INFO](#)



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003PA2002X
Title: LIGHTING: LICENSE PLATE LIGHT ASSEMBLY (w/o Tire Carrier): REASSEMBLY (2011 RAV4)		

REASSEMBLY

1. INSTALL LICENSE PLATE LIGHT BULB



(a) Install the 2 bulbs.

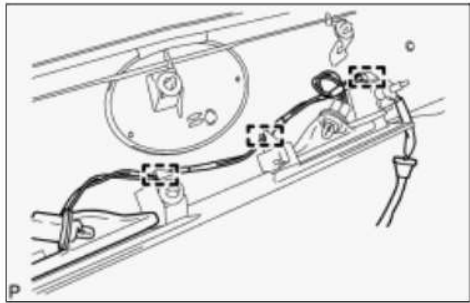
(b) Insert the bulb/ socket unit and turn it in the direction indicated by the arrow to install it.



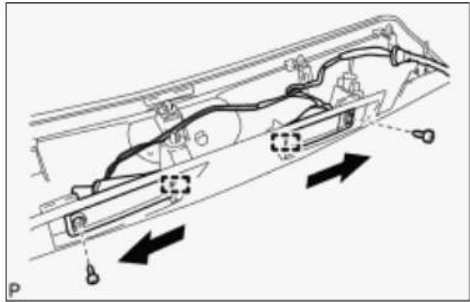
Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003PA0002X
Title: LIGHTING: LICENSE PLATE LIGHT ASSEMBLY (w/o Tire Carrier): REMOVAL (2011 RAV4)		

REMOVAL

- 1. REMOVE BACK DOOR CENTER GARNISH INFO
- 2. REMOVE BACK DOOR SIDE GARNISH LH INFO
- 3. REMOVE BACK DOOR SIDE GARNISH RH INFO
- 4. REMOVE BACK DOOR TRIM BOARD ASSEMBLY INFO
- 5. REMOVE BACK DOOR OUTSIDE GARNISH SUB-ASSEMBLY INFO
- 6. REMOVE LICENSE PLATE LIGHT ASSEMBLY

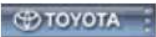


(a) Detach the 3 clamps.



(b) Remove the 2 screws.

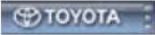
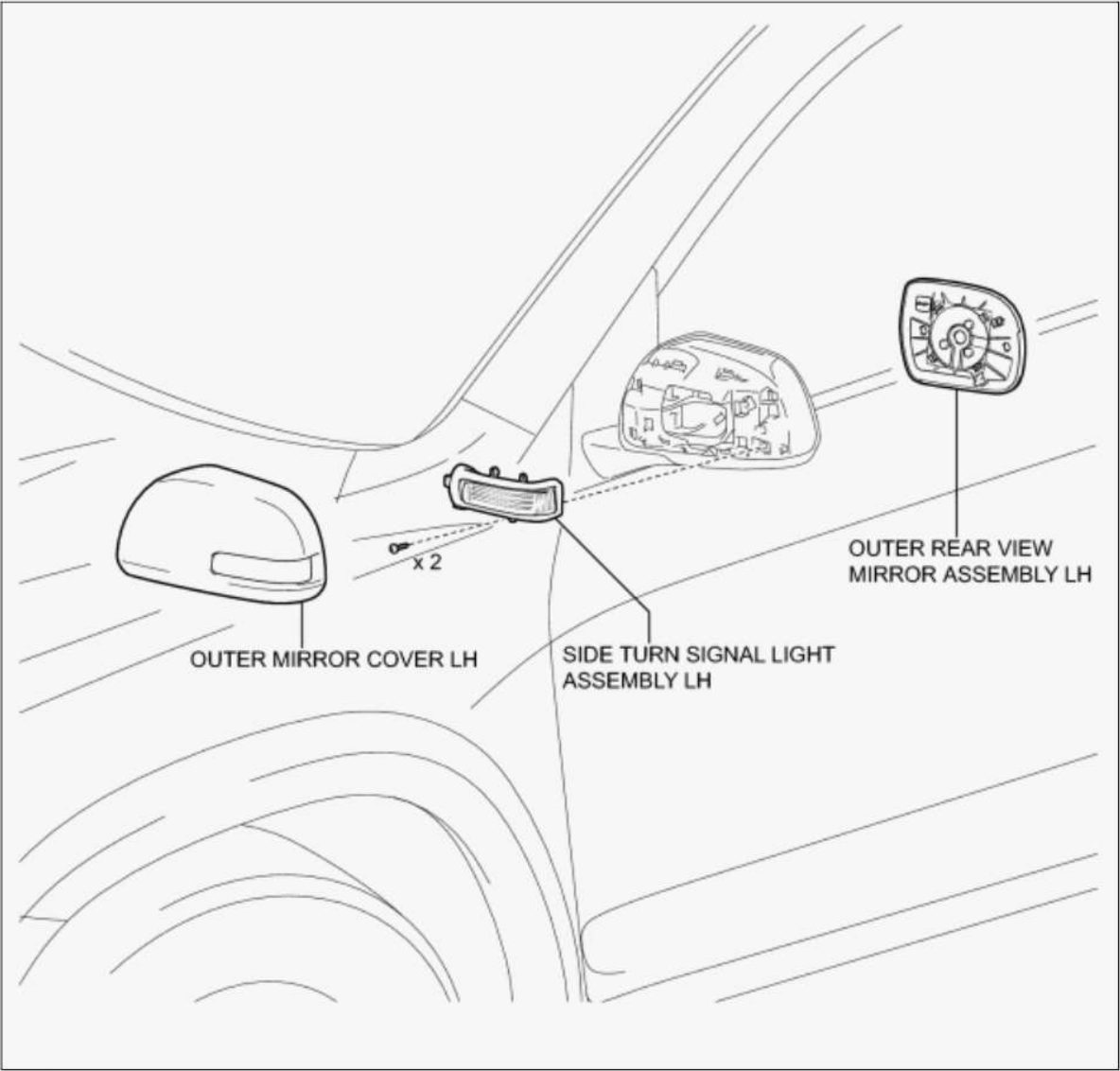
(c) Detach the 2 guides and remove the light.



Last Modified: 9-7-2011	6.4 K	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P9C002X
Title: LIGHTING: SIDE TURN SIGNAL LIGHT ASSEMBLY: COMPONENTS (2011 RAV4)		

COMPONENTS

ILLUSTRATION



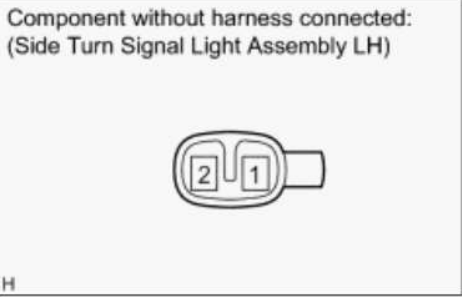
Last Modified: 9-7-2011	6.4 G	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P9B002X
Title: LIGHTING: SIDE TURN SIGNAL LIGHT ASSEMBLY: INSPECTION (2011 RAV4)		

INSPECTION

1. INSPECT SIDE TURN SIGNAL LIGHT ASSEMBLY LH

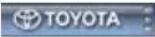
(a) Apply battery voltage to the connector and check the LED illumination condition.

OK:



MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 2	LED illuminates

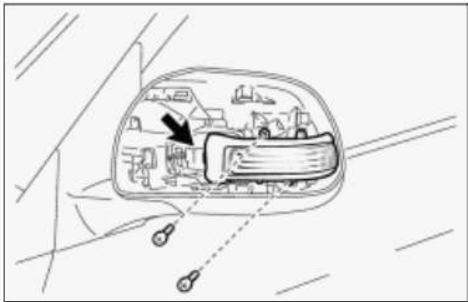
If the result is not as specified, there may be a malfunction in the side turn signal light assembly.



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P9A002X
Title: LIGHTING: SIDE TURN SIGNAL LIGHT ASSEMBLY: INSTALLATION (2011 RAV4)		

INSTALLATION

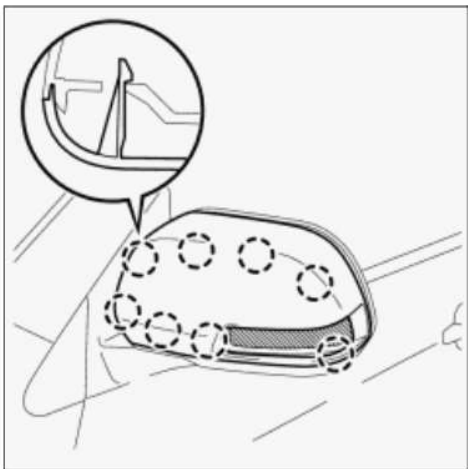
1. INSTALL SIDE TURN SIGNAL LIGHT ASSEMBLY LH



(a) Connect the connector.

(b) Install the side turn signal light with the 2 screws.

2. INSTALL OUTER MIRROR COVER LH



(a) Attach the 8 claws to install the mirror cover.

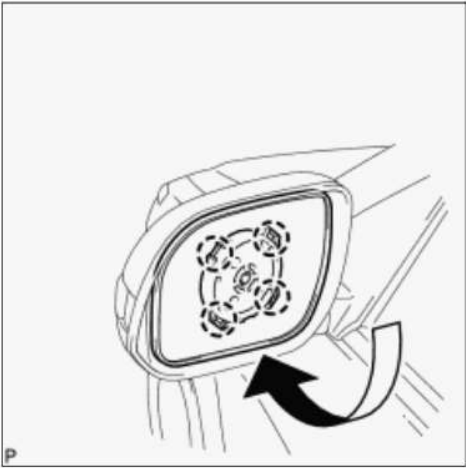
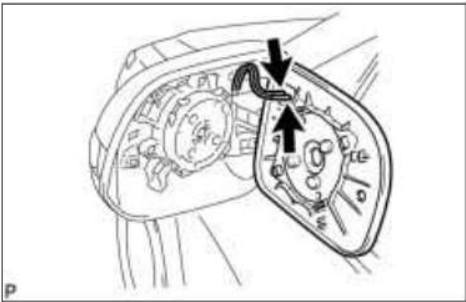
(b) Check that there is no gap between the cover and mirror body.

HINT:

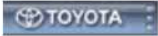
If there is a gap between the cover and body, noise will occur during driving.

3. INSTALL OUTER REAR VIEW MIRROR ASSEMBLY LH

- (a) w/ Mirror Heater:
 - (1) Connect the 2 connectors.



(b) Attach the 4 claws to install the mirror.



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P9D002X
Title: LIGHTING: SIDE TURN SIGNAL LIGHT ASSEMBLY: REMOVAL (2011 RAV4)		

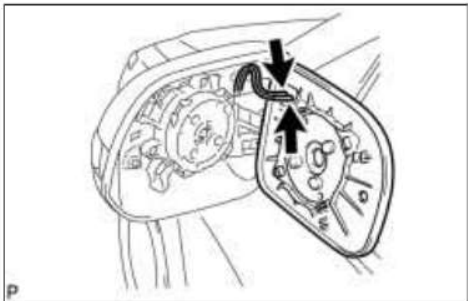
REMOVAL

1. REMOVE OUTER REAR VIEW MIRROR ASSEMBLY LH



(a) Using a moulding remover, detach the 4 claws and remove the mirror.

HINT:
Apply protective tape to the mirror body.



(b) w/ Mirror Heater:
(1) Disconnect the 2 connectors.

2. REMOVE OUTER MIRROR COVER LH

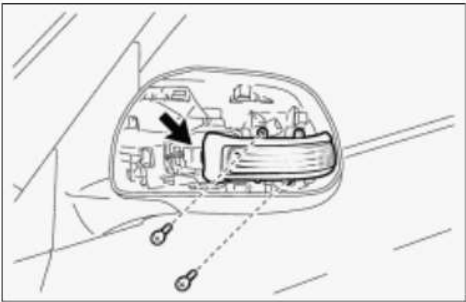
(a) Using a screwdriver, detach the 8 claws and remove the mirror cover.

HINT:

- Apply protective tape to the mirror body.
- Tape the screwdriver tip before use.

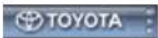


3. REMOVE SIDE TURN SIGNAL LIGHT ASSEMBLY LH



(a) Remove the 2 screws and side turn signal light.

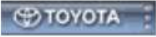
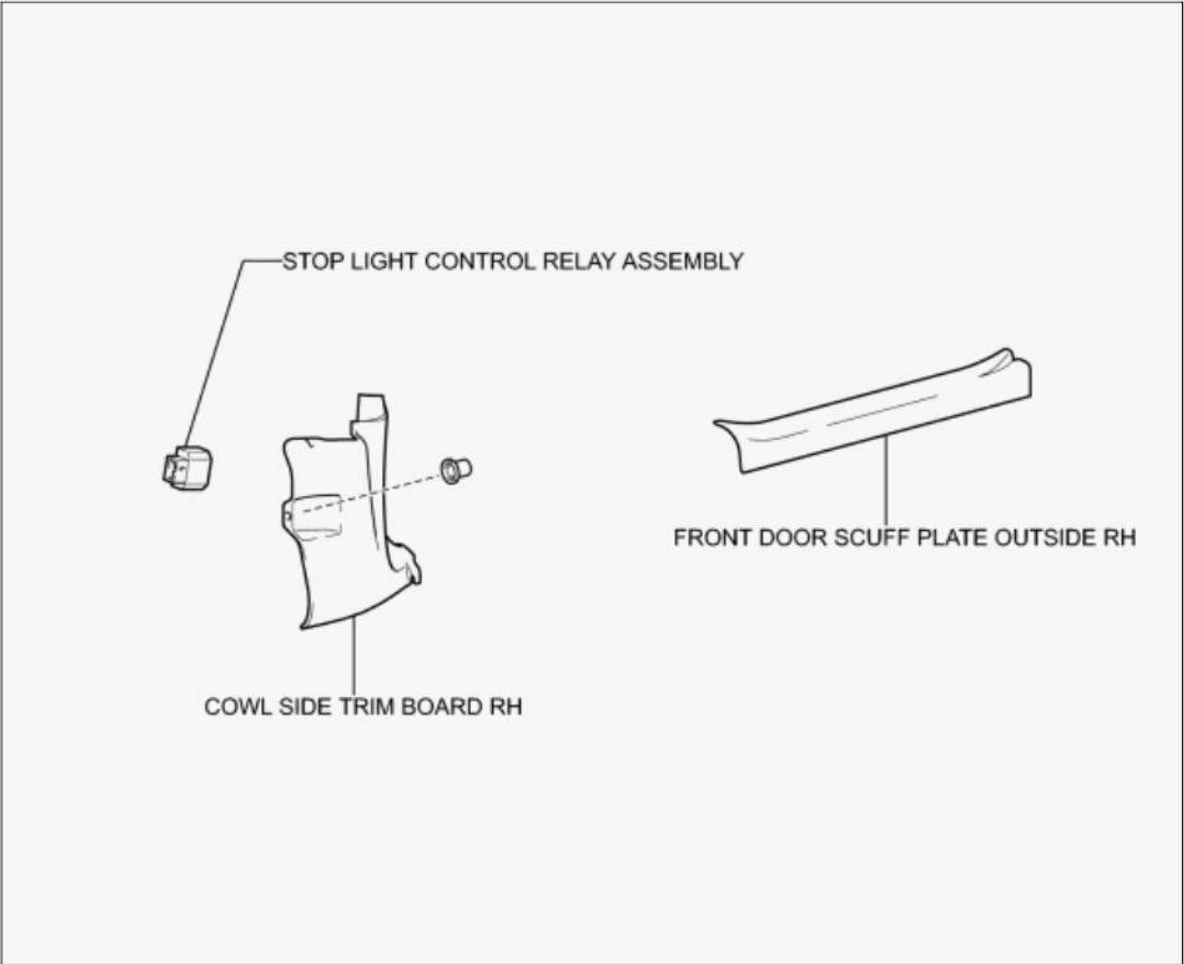
(b) Disconnect the connector.



Last Modified: 9-7-2011	6.4 K	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P98006X
Title: LIGHTING: STOP LIGHT CONTROL RELAY: COMPONENTS (2011 RAV4)		

COMPONENTS

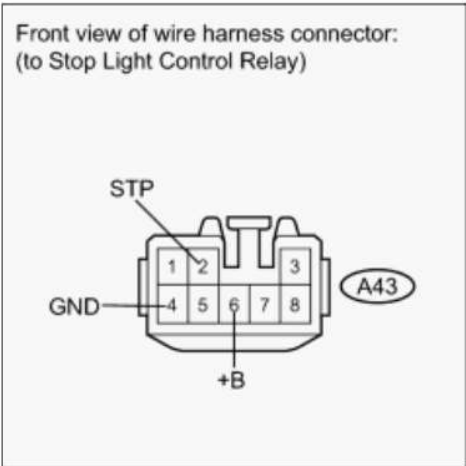
ILLUSTRATION



Last Modified: 9-7-2011	6.4 G	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P97007X
Title: LIGHTING: STOP LIGHT CONTROL RELAY: INSPECTION (2011 RAV4)		

INSPECTION

1. INSPECT STOP LIGHT CONTROL RELAY ASSEMBLY



(a) Disconnect the A43 stop light control relay connector.

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

Standard Voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
A43-2 (STP) - Body ground	Brake pedal released	Below 1 V
	Brake pedal depressed	11 to 14 V
A43-6 (+B) - Body ground	Always	11 to 14 V

If the result is not as specified, repair or replace the wire harness or connector.

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

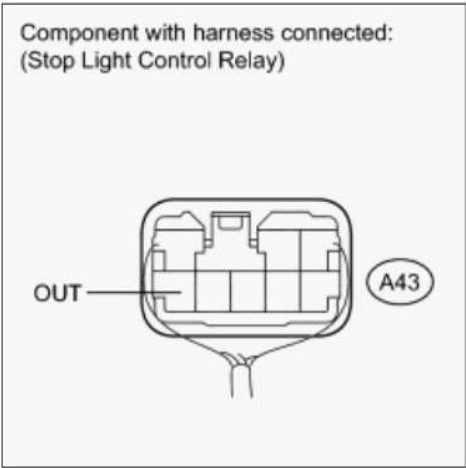
Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
A43-4 (GND) - Body ground	Always	Below 1 Ω

If the result is not as specified, repair or replace the wire harness or connector.

(d) Reconnect the A43 stop light control relay connector.

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



Standard Voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
A43-8 (OUT) - Body ground	Brake pedal released	Below 1 V
	Brake pedal depressed	11 to 14 V

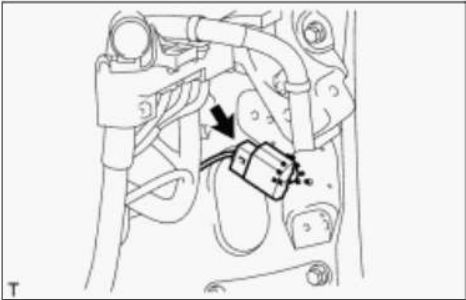
If the result is not as specified, replace the stop light control relay.



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P96006X
Title: LIGHTING: STOP LIGHT CONTROL RELAY: INSTALLATION (2011 RAV4)		

INSTALLATION

1. INSTALL STOP LIGHT CONTROL RELAY ASSEMBLY

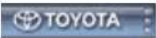


(a) Connect the connector.

(b) Attach the clip to install the relay.

2. INSTALL COWL SIDE TRIM BOARD RH INFO

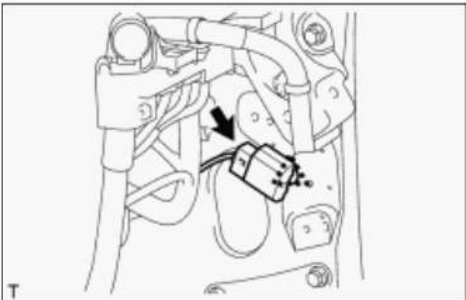
3. INSTALL FRONT DOOR SCUFF PLATE RH INFO



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P99006X
Title: LIGHTING: STOP LIGHT CONTROL RELAY: REMOVAL (2011 RAV4)		

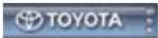
REMOVAL

1. REMOVE FRONT DOOR SCUFF PLATE RH INFO
2. REMOVE COWL SIDE TRIM BOARD RH INFO
3. REMOVE STOP LIGHT CONTROL RELAY ASSEMBLY



(a) Detach the clip and remove the relay.

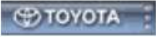
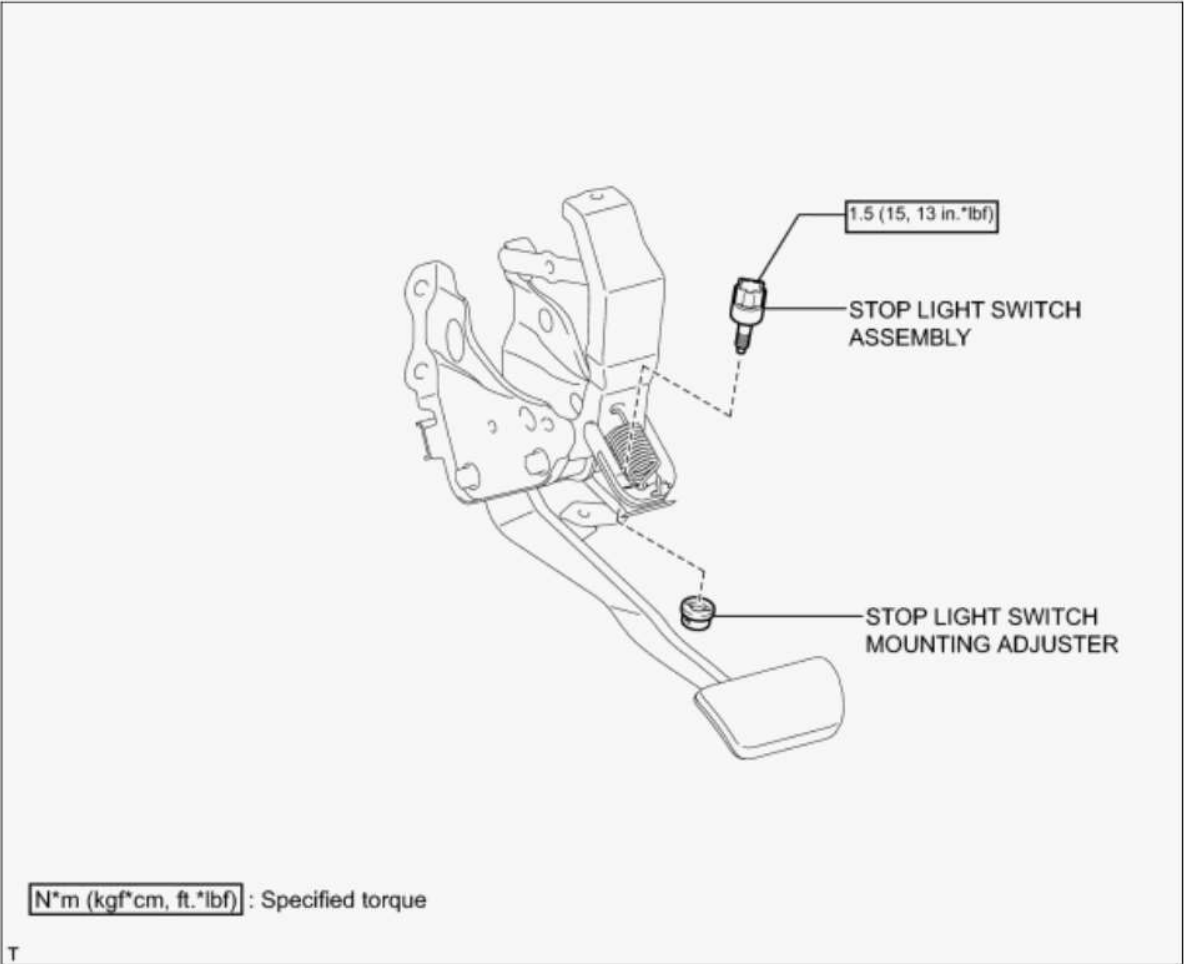
(b) Disconnect the connector.



Last Modified: 9-7-2011	6.4 K	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P9I006X
Title: LIGHTING: STOP LIGHT SWITCH: COMPONENTS (2011 RAV4)		

COMPONENTS

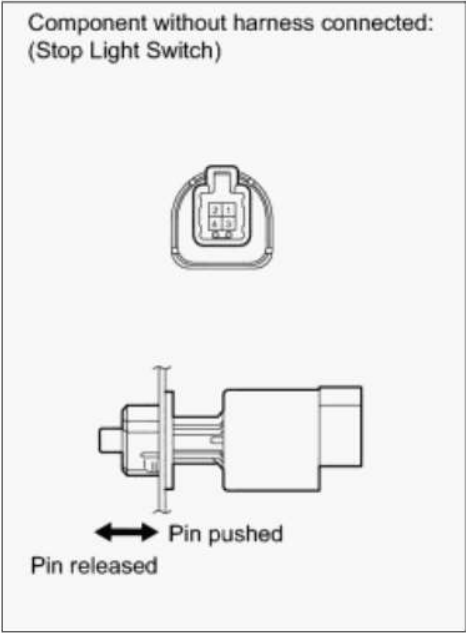
ILLUSTRATION



Last Modified: 9-7-2011	6.4 G	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P9H006X
Title: LIGHTING: STOP LIGHT SWITCH: INSPECTION (2011 RAV4)		

INSPECTION

1. INSPECT STOP LIGHT SWITCH ASSEMBLY

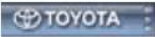


(a) Measure the resistance according to the value(s) in the table below.

Standard Resistance:

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
1 - 2	Pin pushed	10 kΩ higher
	Pin released	Below 1 Ω
3 - 4	Pin pushed	Below 1 Ω
	Pin released	10 kΩ higher

If the result is not as specified, there may be a malfunction in the stop light switch.



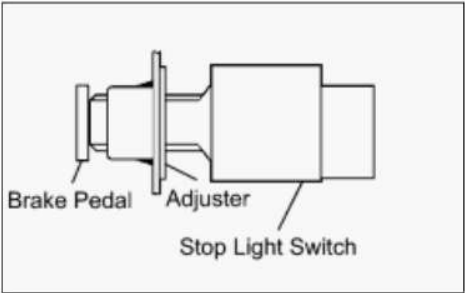
Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P9G006X
Title: LIGHTING: STOP LIGHT SWITCH: INSTALLATION (2011 RAV4)		

INSTALLATION

1. INSTALL STOP LIGHT SWITCH MOUNTING ADJUSTER

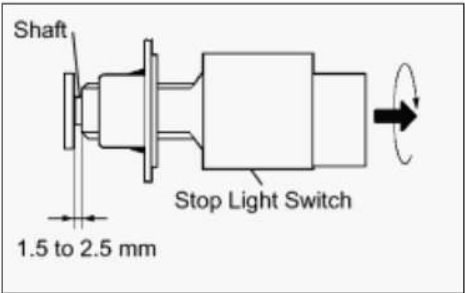
(a) Install the stop light switch mounting adjuster to the pedal support.

2. INSTALL STOP LIGHT SWITCH ASSEMBLY



(a) Install the stop light switch to the adjuster until it slightly touches the brake pedal.

NOTICE:
Do not depress the brake pedal.



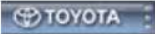
(b) Turn the stop light switch clockwise to install it.

NOTICE:
Do not depress the brake pedal.
Torque: 1.5 N·m (15 kgf·cm, 13in·lbf)

(c) Check the stop light switch clearance.

Stop light switch clearance:
1.5 to 2.5 mm (0.0590 to 0.0984 in.)

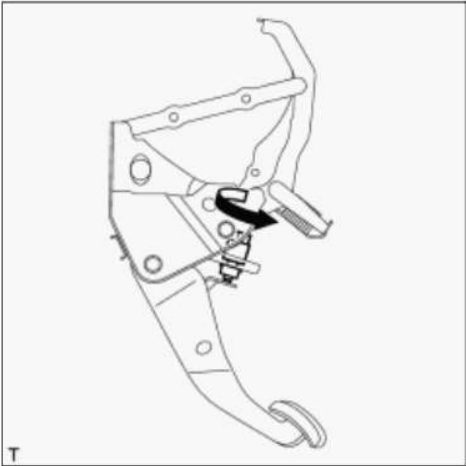
(d) Connect the connector to the stop light switch.



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM000003P9J006X
Title: LIGHTING: STOP LIGHT SWITCH: REMOVAL (2011 RAV4)		

REMOVAL

1. REMOVE STOP LIGHT SWITCH ASSEMBLY

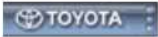


(a) Disconnect the connector.

(b) Turn the stop light switch counterclockwise and remove the stop light switch.

2. REMOVE STOP LIGHT SWITCH MOUNTING ADJUSTER

(a) Remove the stop light switch mounting adjuster.



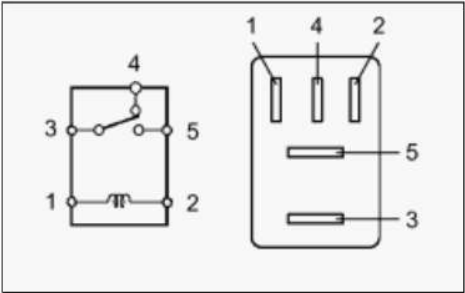
Last Modified: 9-7-2011	6.4 G	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM0000026PL00AX
Title: LIGHTING: TAILLIGHT RELAY: ON-VEHICLE INSPECTION (2011 RAV4)		

ON-VEHICLE INSPECTION

1. INSPECT BRK RELAY

- (a) Remove the BRK relay from the engine room No. 1 relay block.
- (b) Measure the resistance of the relay.

Standard resistance:



TESTER CONNECTION	SPECIFIED CONDITION
3 - 4	Below 1 Ω
3 - 4	10 k Ω or higher (Battery voltage applied to terminals 1 and 2)
3 - 5	10 k Ω or higher
3 - 5	Below 1 Ω (Battery voltage applied to terminals 1 and 2)

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

