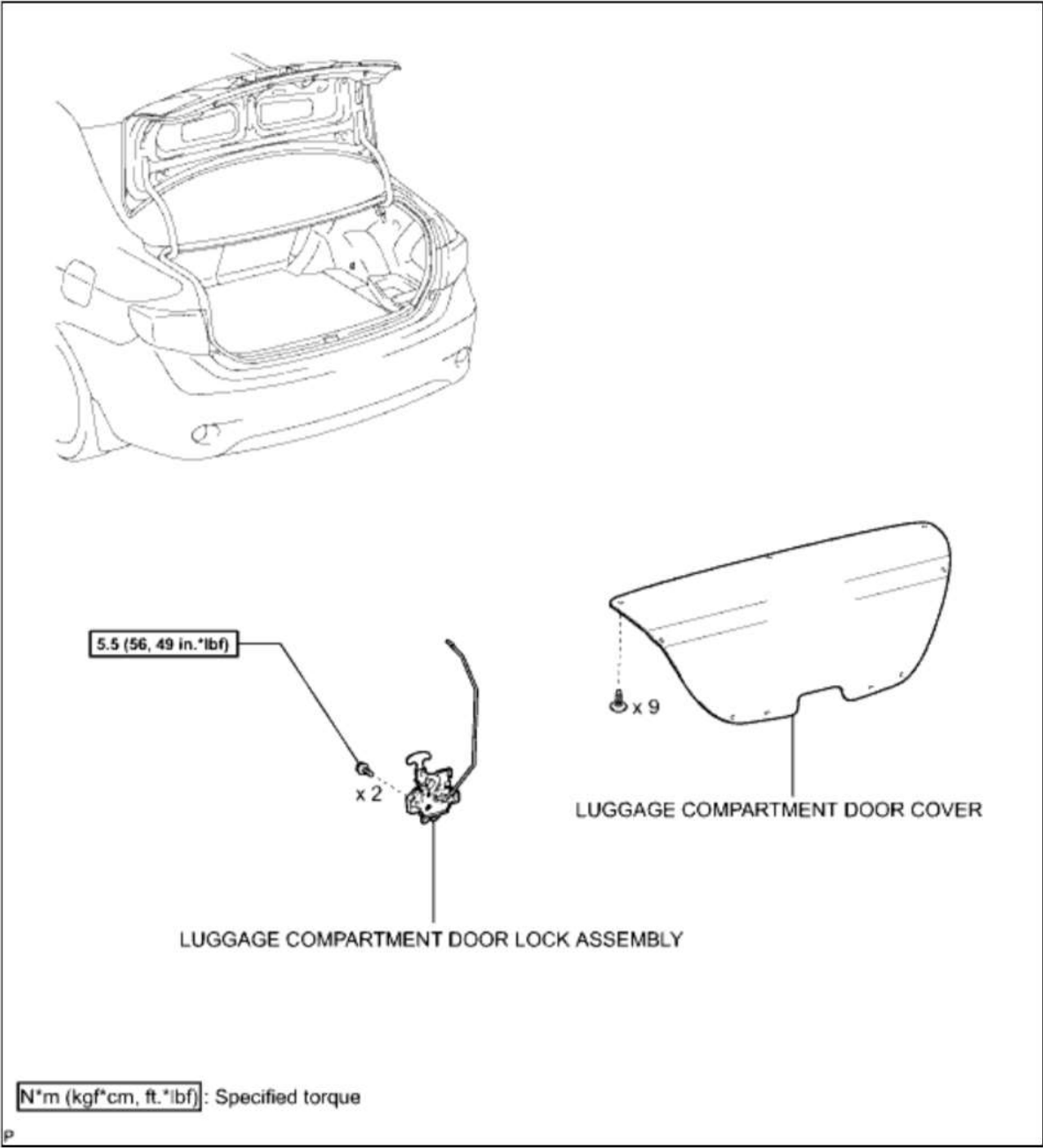


Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002VR5009X
Title: LIGHTING (INT): BACK DOOR COURTESY SWITCH: COMPONENTS (2010 Corolla)		

COMPONENTS

ILLUSTRATION



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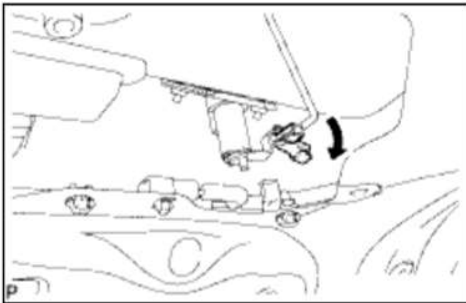
Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002VR6009X
Title: LIGHTING (INT): BACK DOOR COURTESY SWITCH: REMOVAL (2010 Corolla)		

REMOVAL

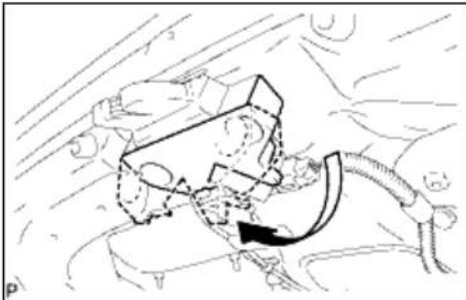
1. REMOVE LUGGAGE COMPARTMENT DOOR COVER



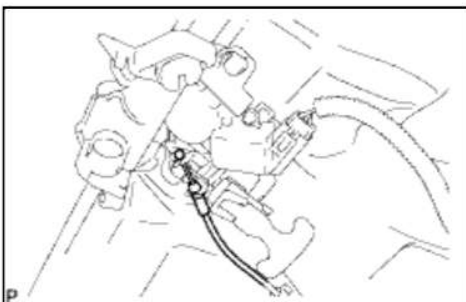
2. REMOVE LUGGAGE COMPARTMENT DOOR LOCK ASSEMBLY (w/o Smart Key System)



(a) Disconnect the rod as shown in the illustration.



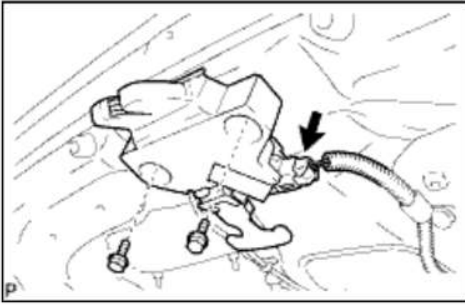
(b) Raise the cover of the luggage compartment door lock as shown in the illustration.



(c) Disconnect the luggage door lock control cable sub-assembly.

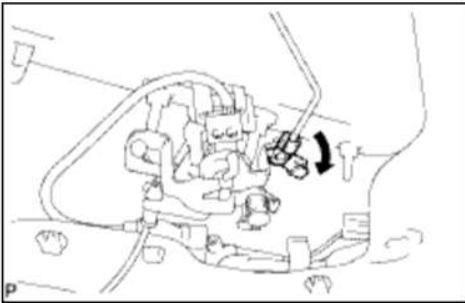
(d) Return the cover of the luggage compartment door lock to its original position.

(e) Disconnect the connector.

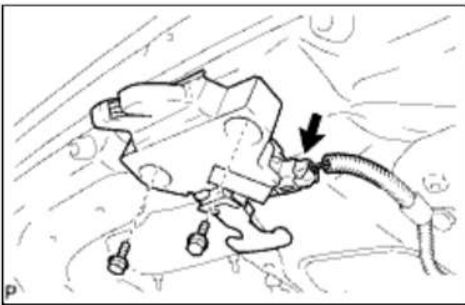


(f) Remove the 2 bolts and luggage compartment door lock assembly.

3. REMOVE LUGGAGE COMPARTMENT DOOR LOCK ASSEMBLY (w/ Smart Key System)



(a) Disconnect the rod as shown in the illustration.



(b) Disconnect the connector.

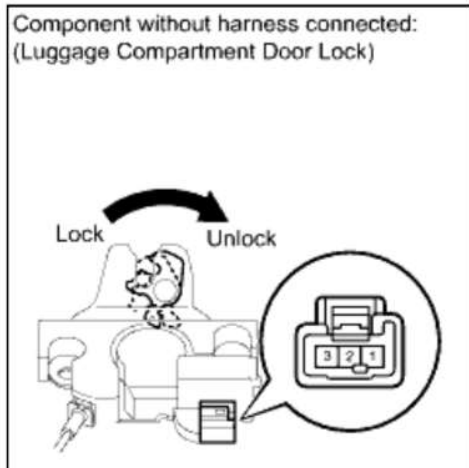
(c) Remove the 2 bolts and luggage compartment door lock assembly.



Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM00000202P01EX
Title: LIGHTING (INT): BACK DOOR COURTESY SWITCH: INSPECTION (2010 Corolla)		

INSPECTION

1. INSPECT DOOR COURTESY SWITCH (LUGGAGE COMPARTMENT DOOR LOCK ASSEMBLY)



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

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
2 - 3	Unlock	Below 1 Ω
2 - 3	Lock	10 k Ω or higher

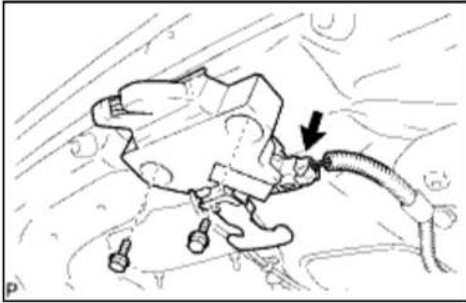
If the result is not as specified, replace the luggage compartment door lock assembly.



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002VR4009X
Title: LIGHTING (INT): BACK DOOR COURTESY SWITCH: INSTALLATION (2010 Corolla)		

INSTALLATION

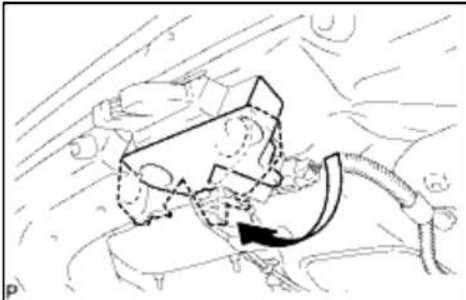
1. INSTALL LUGGAGE COMPARTMENT DOOR LOCK ASSEMBLY (w/o Smart Key System)



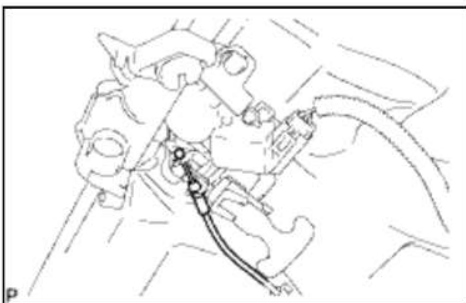
(a) Install the luggage compartment door lock assembly with the 2 bolts.

Torque: 5.5 N·m (56 kgf·cm, 49in·lbf)

(b) Connect the connector.



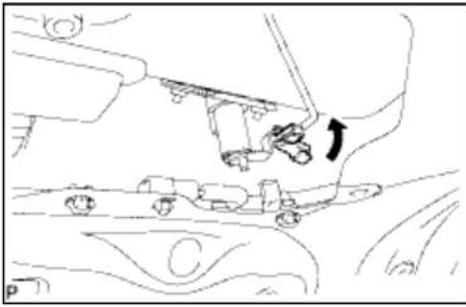
(c) Raise the cover of the luggage compartment door lock as shown in the illustration.



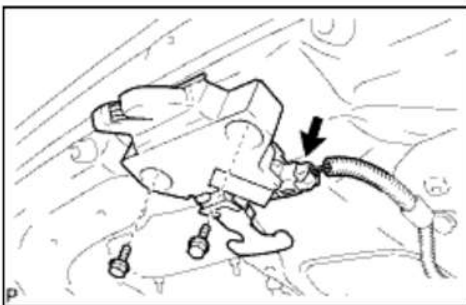
(d) Connect the luggage door lock control cable subassembly.

(e) Return the cover of the luggage compartment door lock to its original position.

(f) Connect the rod as shown in the illustration.



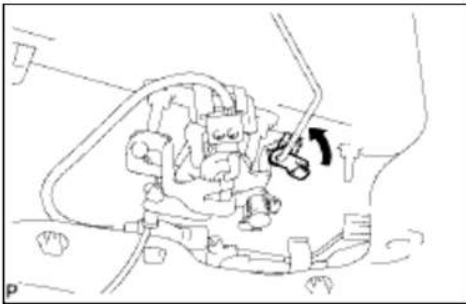
2. INSTALL LUGGAGE COMPARTMENT DOOR LOCK ASSEMBLY (w/ Smart Key System)



(a) Install the luggage compartment door lock assembly with the 2 bolts.

Torque: 5.5 N·m (56 kgf·cm, 49in·lbf)

(b) Connect the connector.



(c) Connect the rod as shown in the illustration.

3. INSTALL LUGGAGE COMPARTMENT DOOR COVER

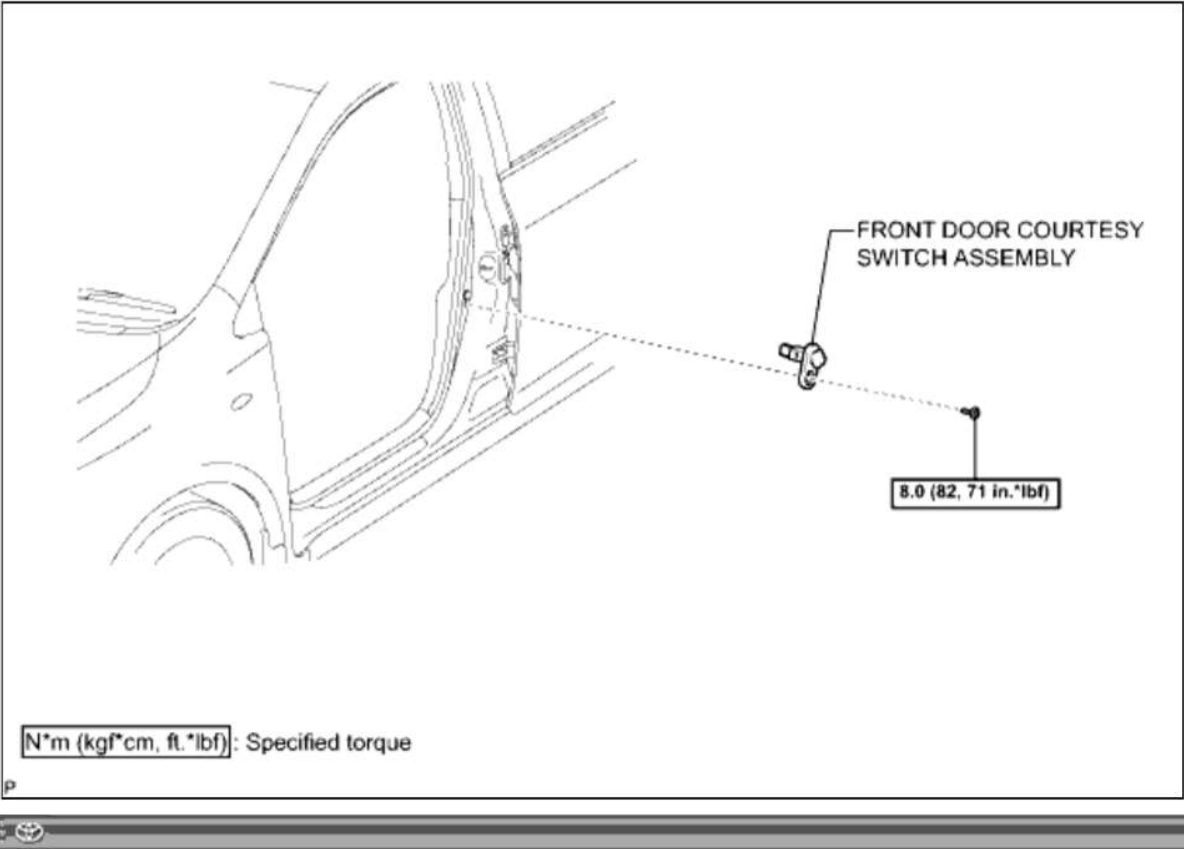
INFO



Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM0000033ZH009X
Title: LIGHTING (INT): FRONT DOOR COURTESY SWITCH: COMPONENTS (2010 Corolla)		

COMPONENTS

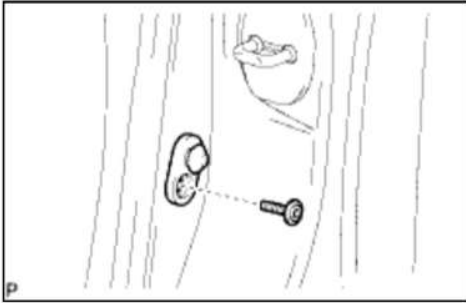
ILLUSTRATION



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002VPS00CX
Title: LIGHTING (INT): FRONT DOOR COURTESY SWITCH: REMOVAL (2010 Corolla)		

REMOVAL

1. REMOVE FRONT DOOR COURTESY SWITCH ASSEMBLY



(a) Using a "TORX" Socket Wrench T-type T30, remove the "TORX" bolt.

(b) Disconnect the connector and remove the front door courtesy switch assembly.

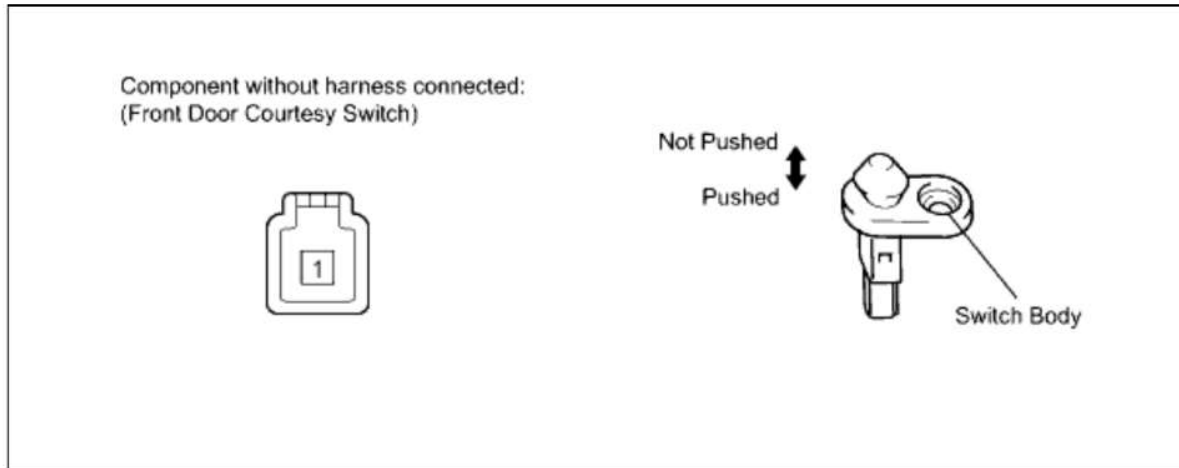


Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM0000017MQ019X
Title: LIGHTING (INT): FRONT DOOR COURTESY SWITCH: INSPECTION (2010 Corolla)		

INSPECTION

1. INSPECT FRONT DOOR COURTESY SWITCH

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



Standard Resistance:

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
1 - Switch body	Not pushed (ON)	Below 1 Ω
	Pushed (OFF)	10 k Ω or higher

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

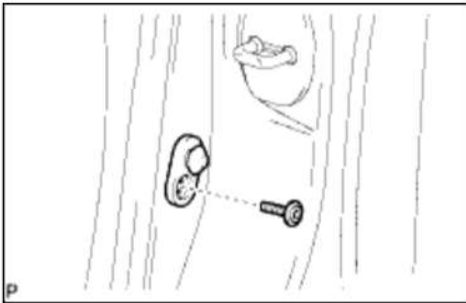


Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002VPQ00CX
Title: LIGHTING (INT): FRONT DOOR COURTESY SWITCH: INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL FRONT DOOR COURTESY SWITCH ASSEMBLY

(a) Connect the connector.



(b) Using a "TORX" Socket Wrench T-type T30, install the front door courtesy switch assembly with the "TORX" bolt.

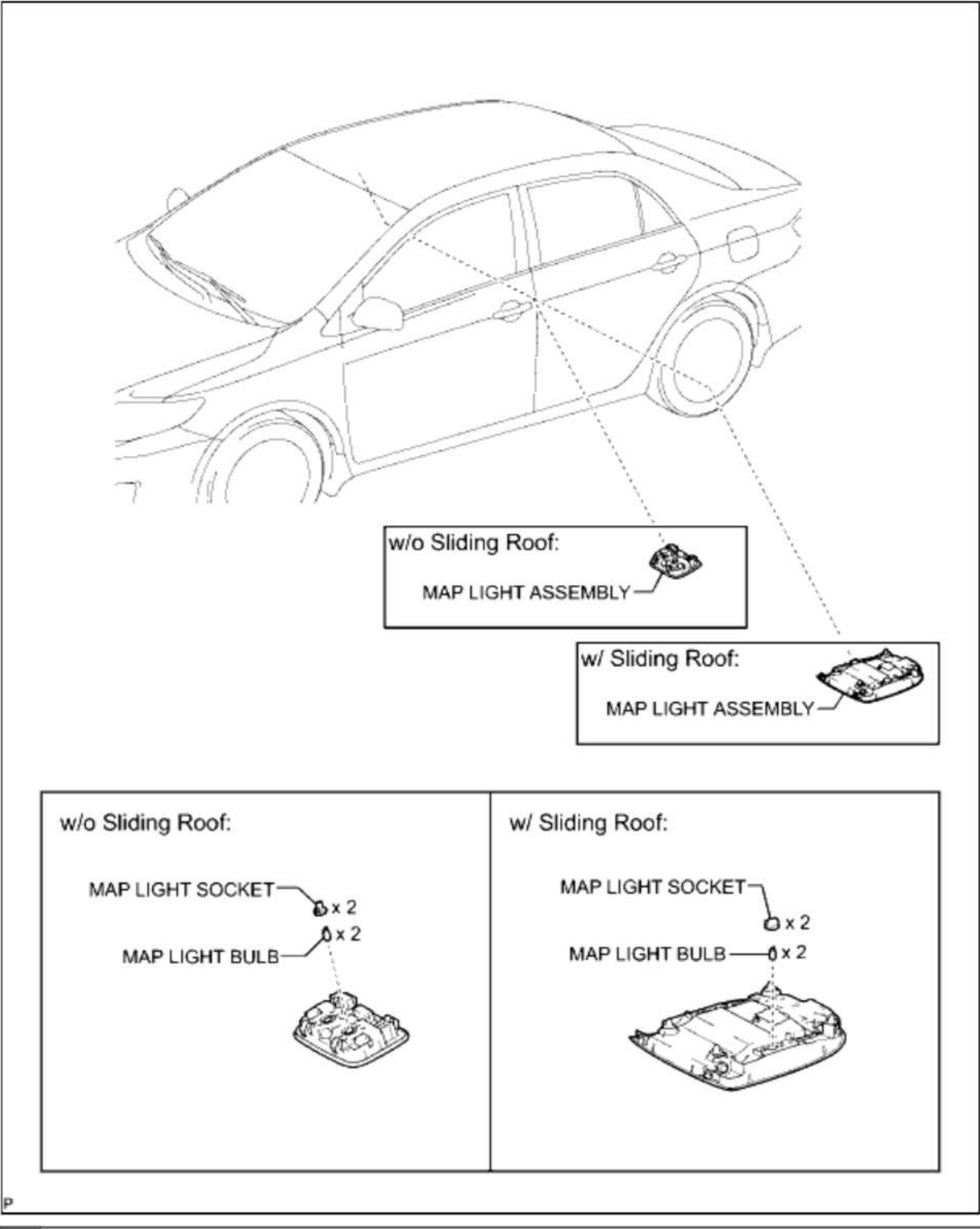
Torque: 8.0 N·m (82 kgf·cm, 71in·lbf)



Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM00000340N009X
Title: LIGHTING (INT): PERSONAL LIGHT: COMPONENTS (2010 Corolla)		

COMPONENTS

ILLUSTRATION



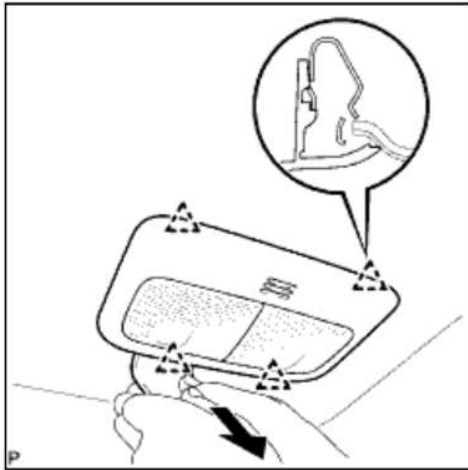


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Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM00000340000BX
Title: LIGHTING (INT): PERSONAL LIGHT: REMOVAL (2010 Corolla)		

REMOVAL

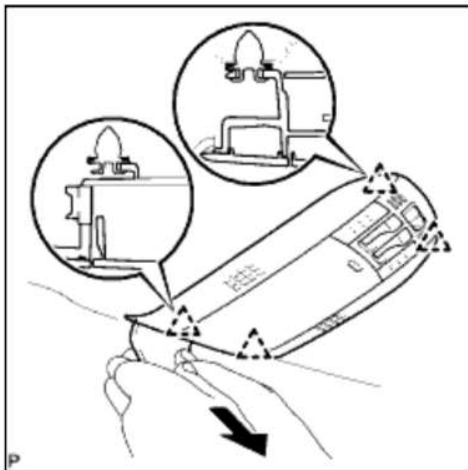
1. REMOVE MAP LIGHT ASSEMBLY (w/o Sliding Roof)



(a) Using a moulding remover, disengage the 4 clips.

(b) Disconnect the connector and remove the map light assembly.

2. REMOVE MAP LIGHT ASSEMBLY (w/ Sliding Roof)

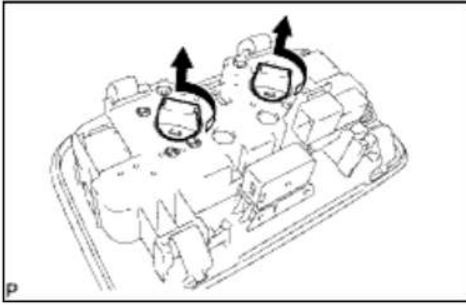


(a) Using a moulding remover, disengage the 4 clips.

(b) Disconnect the connector and remove the map light assembly.

3. REMOVE MAP LIGHT BULB (w/o Sliding Roof)

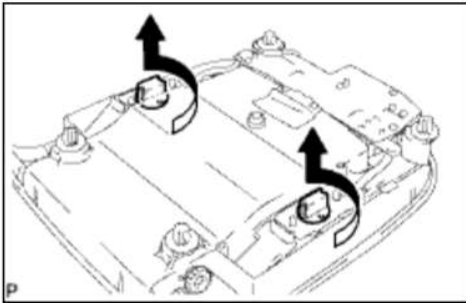
(a) Turn the 2 map light bulbs and the 2 map light sockets in



the direction indicated by the arrow and remove them as a unit.

(b) Remove the 2 map light bulbs from the 2 map light sockets.

4. REMOVE MAP LIGHT BULB (w/ Sliding Roof)



(a) Turn the 2 map light bulbs and the 2 map light sockets in the direction indicated by the arrow and remove them as a unit.

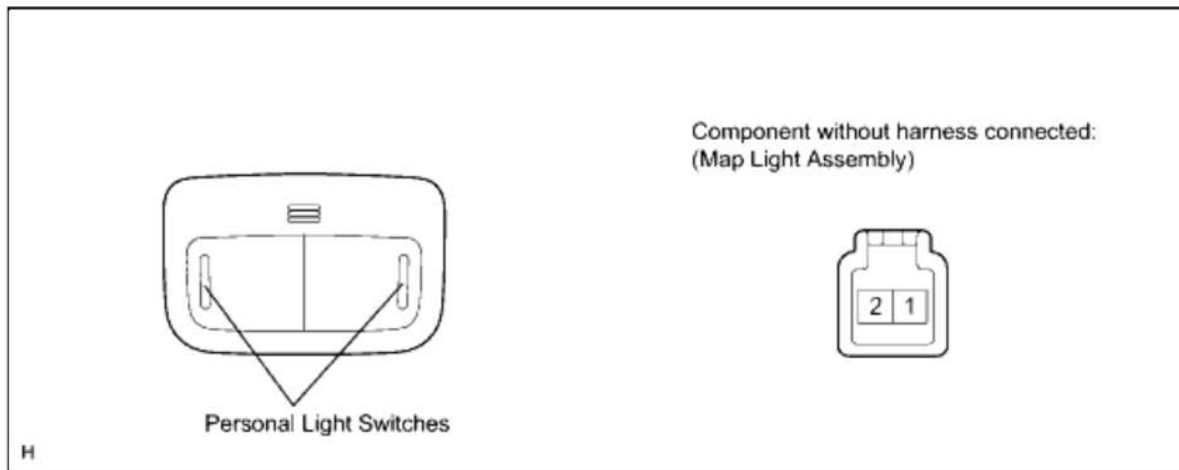
(b) Remove the 2 map light bulbs from the 2 map light sockets.



Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM00000197W01AX
Title: LIGHTING (INT): PERSONAL LIGHT: INSPECTION (2010 Corolla)		

INSPECTION

1. INSPECT MAP LIGHT ASSEMBLY (w/o Sliding Roof)



- Connect a positive (+) lead from the battery to terminal 1 and a negative (-) lead to terminal 2.
- Check that the personal lights come on.

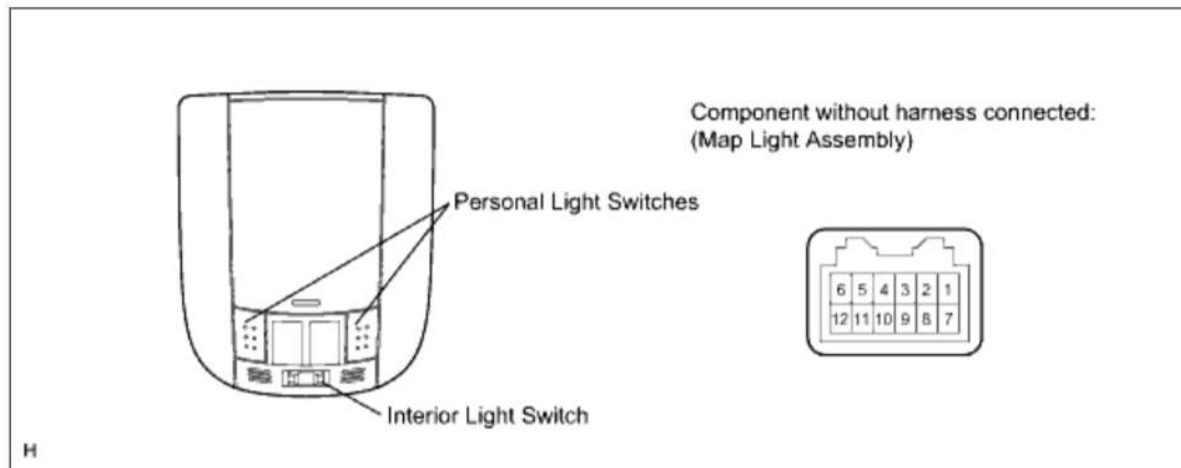
OK:

CONDITION	SPECIFIED CONDITION
Personal light switch LH ON	Personal light LH comes on
Personal light switch LH OFF	Personal light LH does not come on
Personal light switch RH ON	Personal light RH comes on
Personal light switch RH OFF	Personal light RH does not come on

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

2. INSPECT MAP LIGHT ASSEMBLY (w/ Sliding Roof)

- Personal light switch operation



(1) Connect a positive (+) lead from the battery to terminal 6 and a negative (-) lead to terminal 7.

(2) Inspect the personal light operation while the interior light switch is off.

OK:

CONDITION	SPECIFIED CONDITION
Personal light switch LH ON	Personal light LH comes on
Personal light switch LH OFF	Personal light LH does not come on
Personal light switch RH ON	Personal light RH comes on
Personal light switch RH OFF	Personal light RH does not come on

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

(b) Interior light switch operation

(1) Connect a positive (+) lead from the battery to terminal 6 and a negative (-) lead to both terminals 1 and 7.

(2) Inspect the personal light operation while both of the personal light switches (LH and RH) are off.

OK:

CONDITION	SPECIFIED CONDITION
Interior light switch is in OFF position	Personal lights (LH and RH) do not come on
Interior light switch is in ON position	Personal lights (LH and RH) come on
Interior light switch is in DOOR position	Personal lights (LH and RH) come on

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

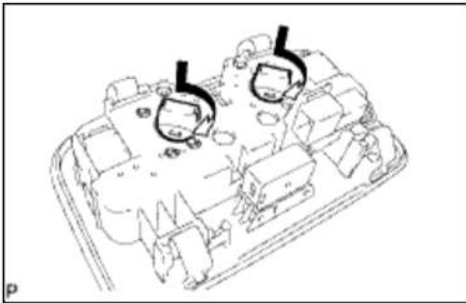


Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM00000340M00BX
Title: LIGHTING (INT): PERSONAL LIGHT: INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL MAP LIGHT BULB (w/o Sliding Roof)

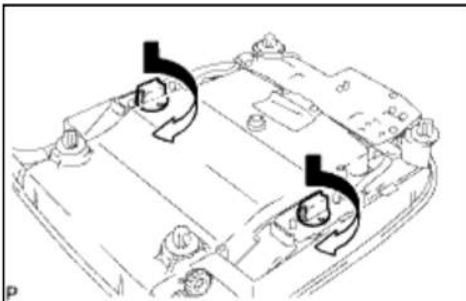
- (a) Install the 2 map light bulbs to the 2 map light sockets.



- (b) Turn the 2 map light bulbs and the 2 map light sockets in the direction indicated by the arrow and install them as a unit.

2. INSTALL MAP LIGHT BULB (w/ Sliding Roof)

- (a) Install the 2 map light bulbs to the 2 map light sockets.

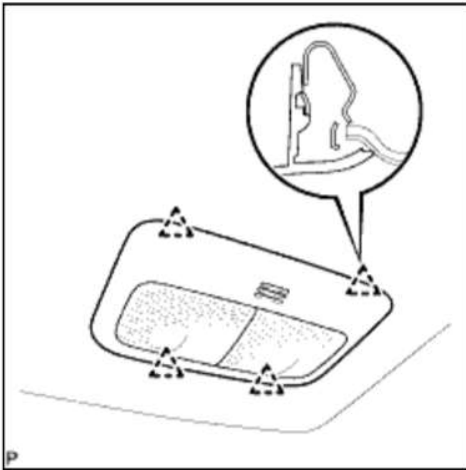


- (b) Turn the 2 map light bulbs and the 2 map light sockets in the direction indicated by the arrow and install them as a unit.

3. INSTALL MAP LIGHT ASSEMBLY (w/o Sliding Roof)

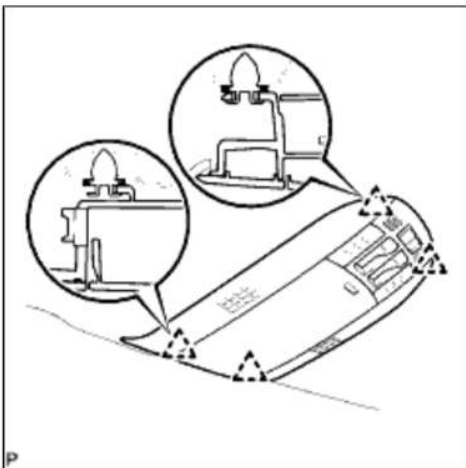
- (a) Connect the connector.

- (b) Engage the 4 clips and install the map light assembly.



4. INSTALL MAP LIGHT ASSEMBLY (w/ Sliding Roof)

(a) Connect the connector.



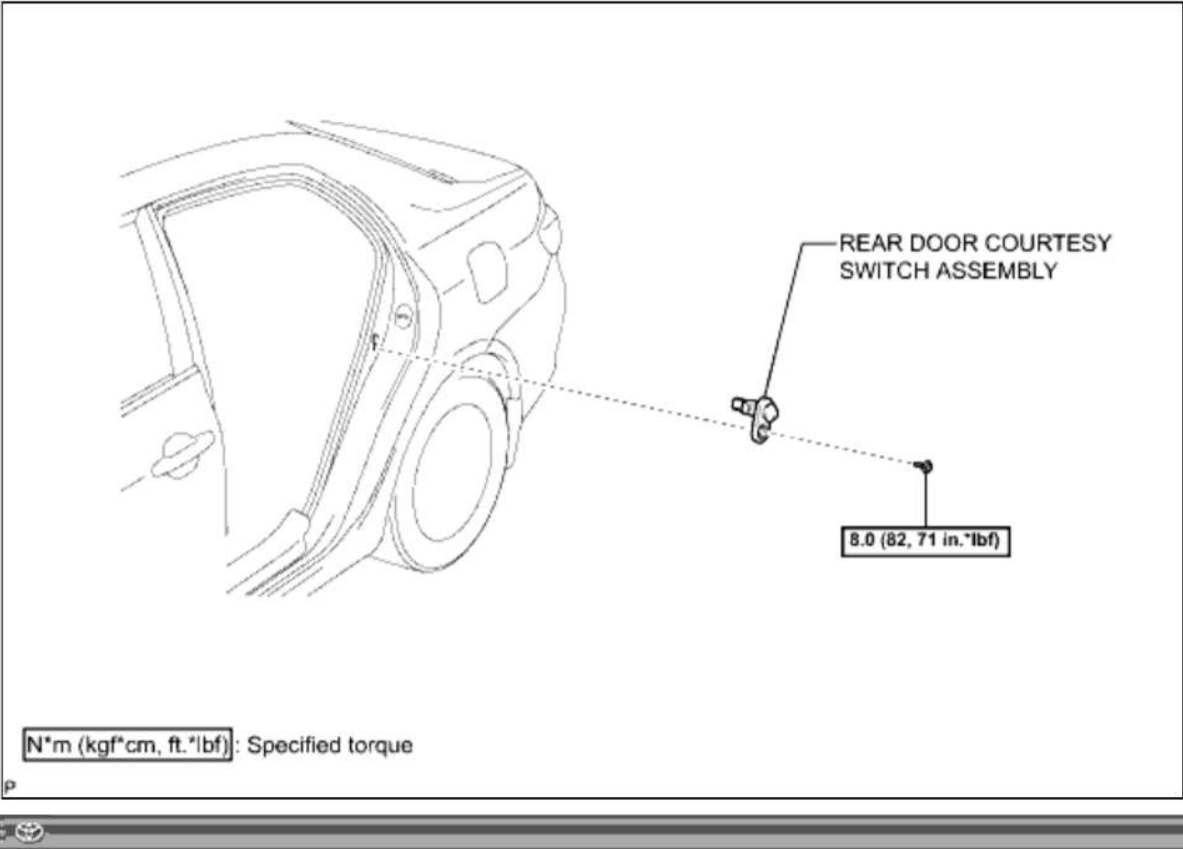
(b) Engage the 4 clips and install the map light assembly.



Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM0000033ZI009X
Title: LIGHTING (INT): REAR DOOR COURTESY SWITCH: COMPONENTS (2010 Corolla)		

COMPONENTS

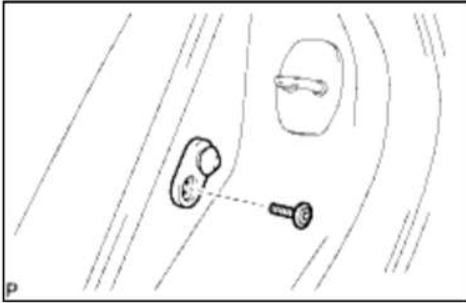
ILLUSTRATION



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002VP800CX
Title: LIGHTING (INT): REAR DOOR COURTESY SWITCH: REMOVAL (2010 Corolla)		

REMOVAL

1. REMOVE REAR DOOR COURTESY SWITCH ASSEMBLY



(a) Using a "TORX" Socket Wrench T-type T30, remove the "TORX" bolt.

(b) Disconnect the connector and remove the rear door courtesy switch assembly.

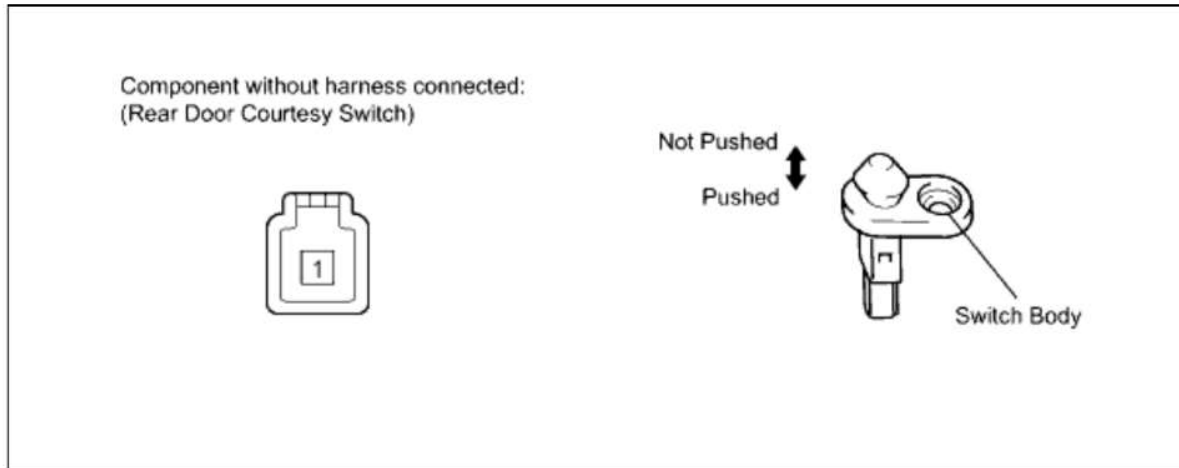


Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM0000017MO019X
Title: LIGHTING (INT): REAR DOOR COURTESY SWITCH: INSPECTION (2010 Corolla)		

INSPECTION

1. INSPECT REAR DOOR COURTESY SWITCH

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



Standard Resistance:

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
1 - Switch body	Not pushed (ON)	Below 1 Ω
	Pushed (OFF)	10 k Ω or higher

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

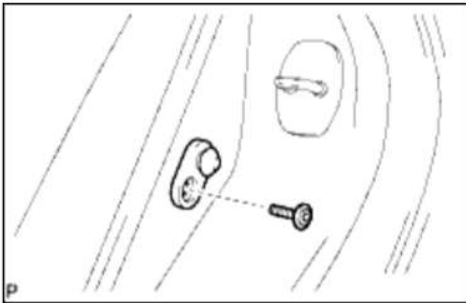


Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002VP600CX
Title: LIGHTING (INT): REAR DOOR COURTESY SWITCH: INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL REAR DOOR COURTESY SWITCH ASSEMBLY

(a) Connect the connector.



(b) Using a "TORX" Socket Wrench T-type T30, install the rear door courtesy switch assembly with the "TORX" bolt.

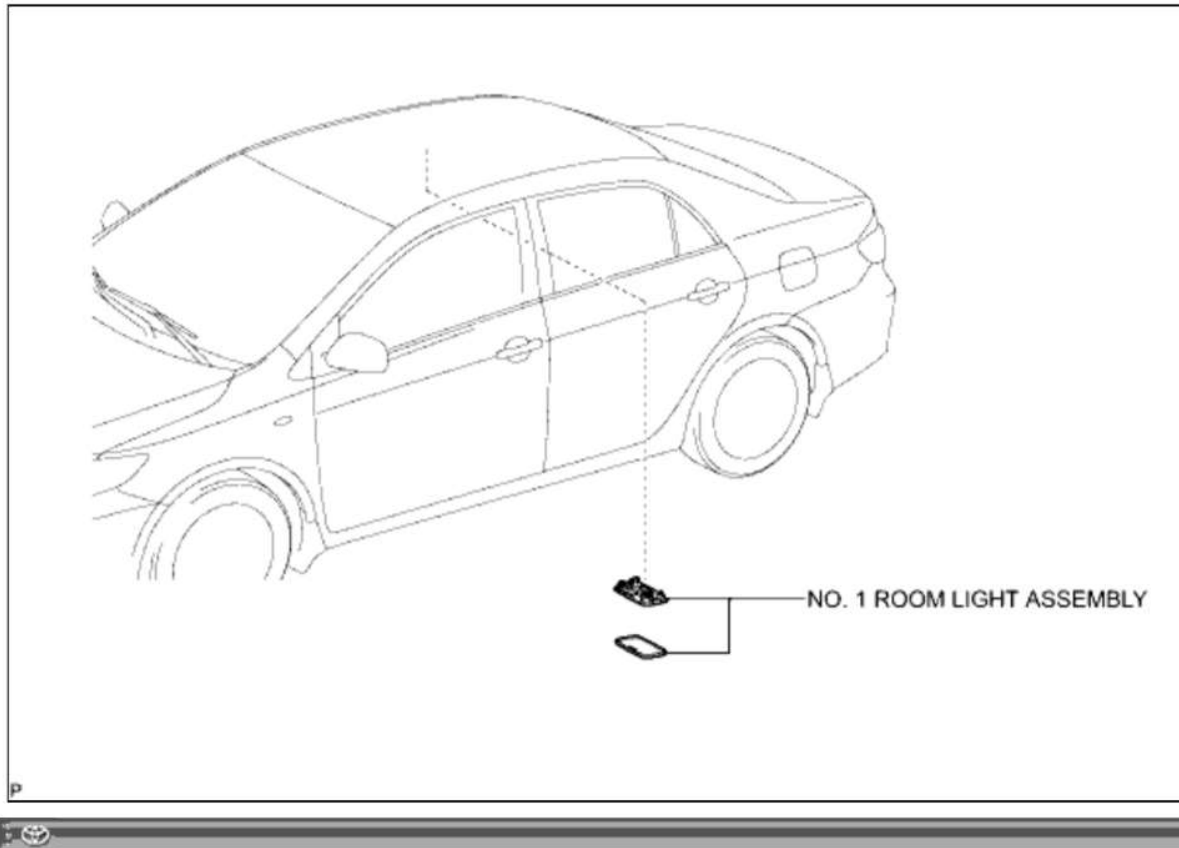
Torque: 8.0 N·m (82 kgf·cm, 71in·lbf)



Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM00000340Q009X
Title: LIGHTING (INT): ROOM LIGHT: COMPONENTS (2010 Corolla)		

COMPONENTS

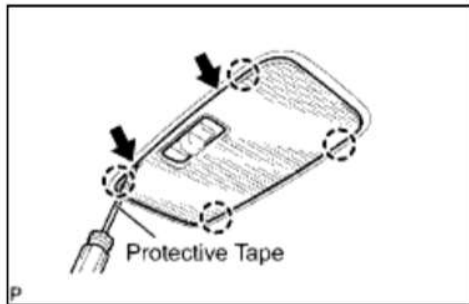
ILLUSTRATION



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM00000340R00BX
Title: LIGHTING (INT): ROOM LIGHT: REMOVAL (2010 Corolla)		

REMOVAL

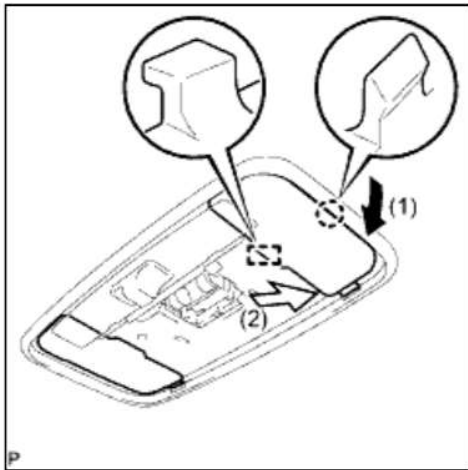
1. REMOVE NO. 1 ROOM LIGHT ASSEMBLY



(a) Using a screwdriver, disengage the 4 claws and remove the lens cover.

HINT:

Tape the screwdriver tip before use.



(b) Disengage the claw and guide in the order shown in the illustration, and remove the room light cover.

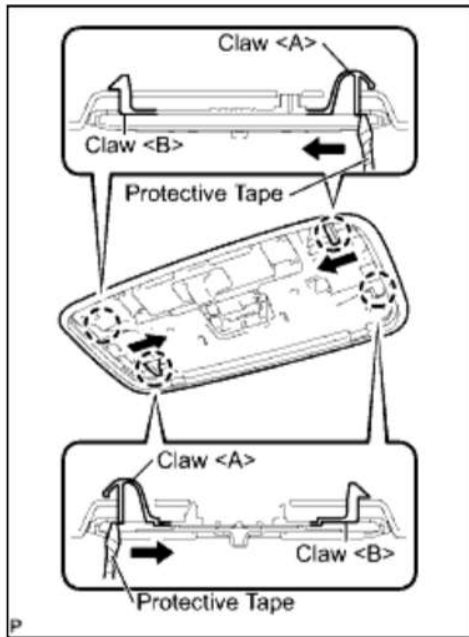
HINT:

Use the same procedure for the RH side and the LH side.

(c) Using a screwdriver, disengage the 2 claws <A> as shown in the illustration.

HINT:

Tape the screwdriver tip before use.



(d) Disengage the 2 claws .

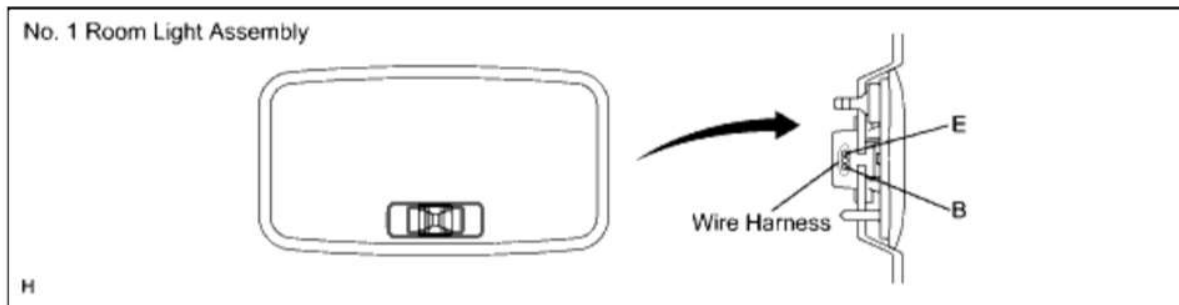


(e) Using a screwdriver, disengage the 4 claws and remove the No. 1 room light assembly.

Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM00000202I01NX
Title: LIGHTING (INT): ROOM LIGHT: INSPECTION (2010 Corolla)		

INSPECTION

1. INSPECT NO. 1 ROOM LIGHT ASSEMBLY



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

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
Terminal E - Body ground	Always	Below 1 Ω

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

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

Standard Voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
Terminal B - Body ground	Always	11 to 14 V

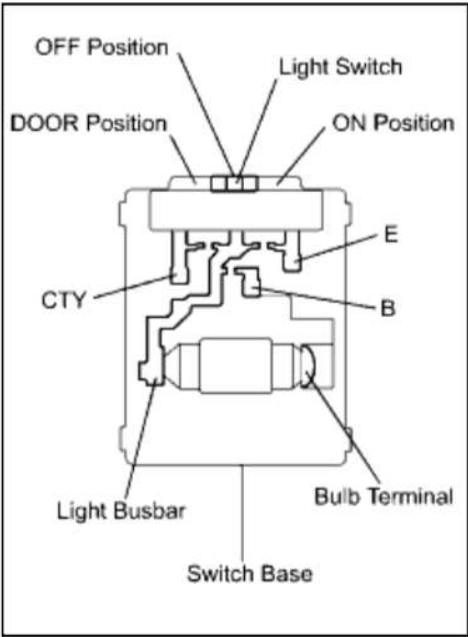
If the result is not as specified, repair or replace the harness or connector.

(c) Remove the wire harness from the room light assembly.

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

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
Terminal E - Light Busbar	Light switch OFF	10 k Ω or higher
	Light switch ON	Below 1 Ω



Terminal CTY - Light Busbar	Light switch OFF	10 kΩ or higher
	Light switch in DOOR	Below 1 Ω
Terminal B - Bulb Terminal	Always	Below 1 Ω

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

(e) Connect a (+) lead from the battery to terminal B and a (-) lead to light busbar.

(f) Check that the light comes on.

OK:

The light comes on.

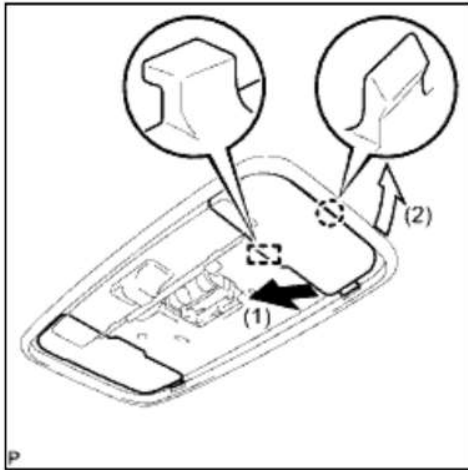
If the result is not as specified, replace the bulb.



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM00000340P00BX
Title: LIGHTING (INT): ROOM LIGHT: INSTALLATION (2010 Corolla)		

INSTALLATION

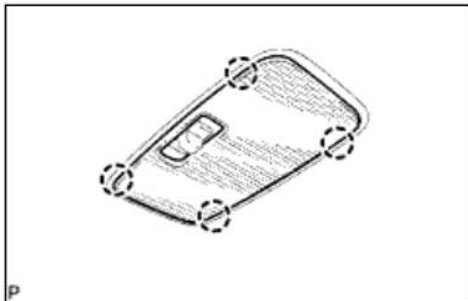
1. INSTALL NO. 1 ROOM LIGHT ASSEMBLY



(a) Engage the guide and claw in the order shown in the illustration, and install the room light cover.

HINT:

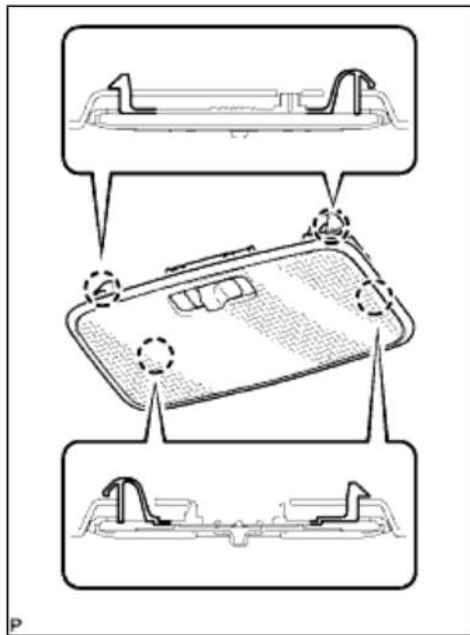
Use the same procedure for the RH side and the LH side.



(b) Engage the 4 claws and install the lens cover.



(c) Engage the 4 claws and install the room light switch base to the No. 1 room light assembly.



(d) Engage the 4 claws and install the No. 1 room light assembly.



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