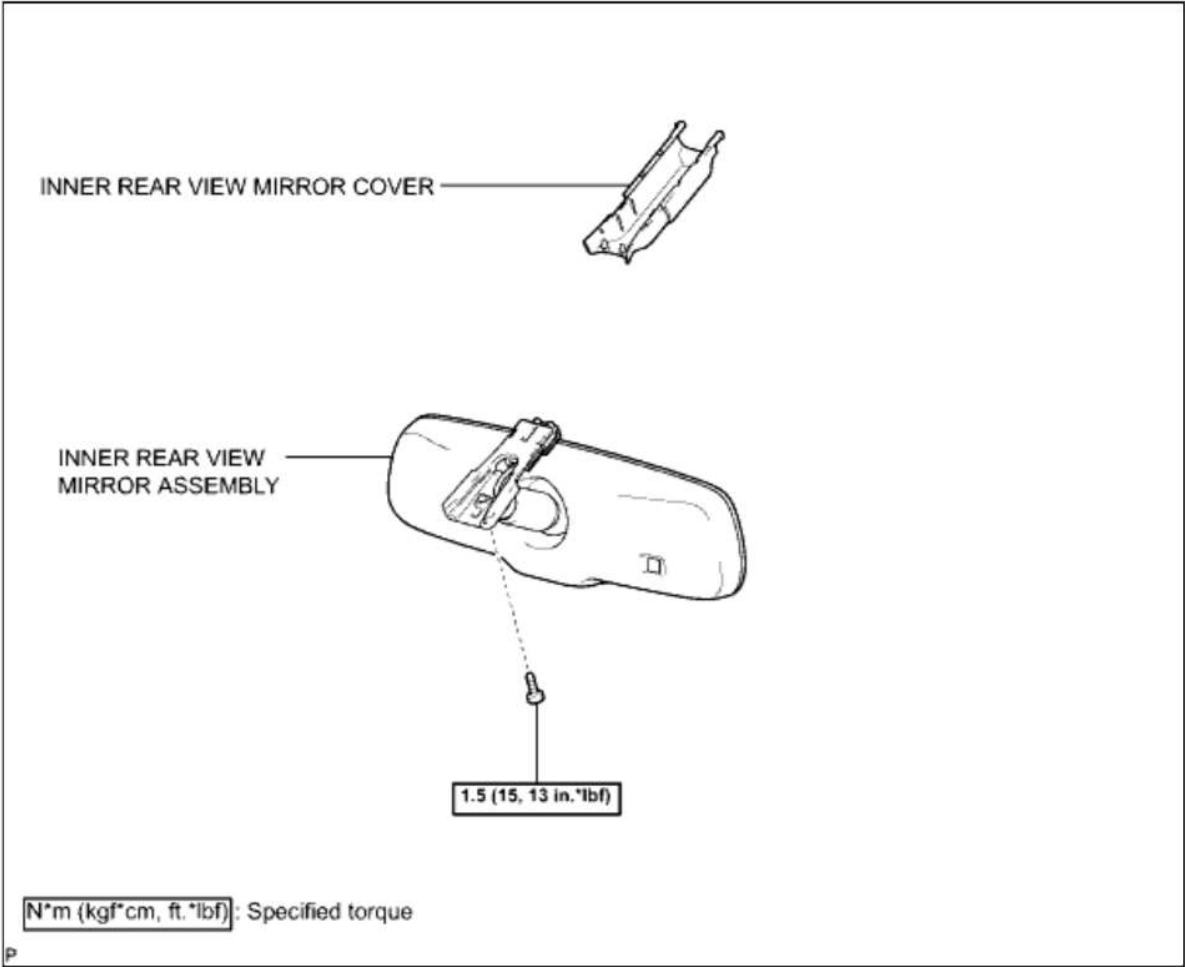


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Model Year: 2010	Model: Corolla	Doc ID: RM000001PGH01HX
Title: MIRROR (INT): INNER REAR VIEW MIRROR (w/ EC Mirror): COMPONENTS (2010 Corolla)		

COMPONENTS

ILLUSTRATION



Last Modified: 3-10-2010	6.4 D	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003H7X002X
Title: MIRROR (INT): INNER REAR VIEW MIRROR (w/ EC Mirror): CALIBRATION (2010 Corolla)		

CALIBRATION

1. SELECT COMPASS DISPLAY MODE

- (a) The AUTO switch allows you to select whether or not the compass is displayed.

2. SET ZONE

- (a) The compass indicates the direction that the vehicle is heading by detecting the direction and strength of the earth's magnetic field (magnetic north). However, there is a difference between magnetic north and actual north that depends on the location of the vehicle. To compensate for this difference, depending on the location, it is necessary to set the zone in which the vehicle will be used (Refer to Compass Zone Map). The zone setting can be changed using the AUTO switch of the inner mirror.

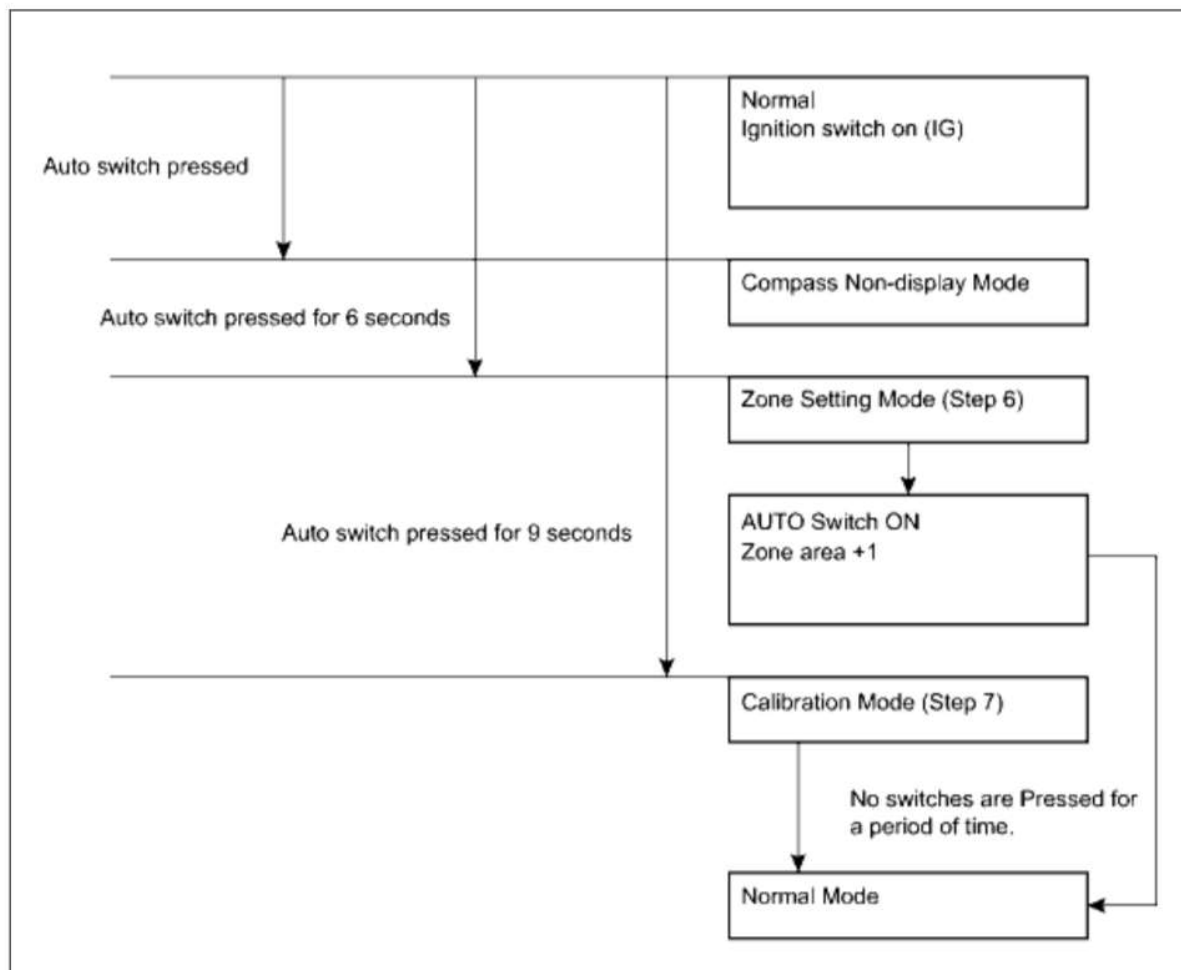
3. PERFORM CALIBRATION

- (a) Because each vehicle has its own magnetic field, calibration should be performed. The calibration function is used to compensate for the residual magnetism of the vehicle.

4. WHEN COMPASS IS MAGNETIZED

- (a) The compass or vehicle may become magnetized while the vehicle is being shipped. As a result, it is necessary to perform calibration for the compass before the vehicle is delivered to the customer. If calibration cannot be performed successfully (calibration cannot be completed in spite of driving around several times), it may be caused by excessive magnetization of the vehicle. Demagnetize the vehicle using a demagnetizer and perform calibration again.

5. SET COMPASS



6. ZONE SETTING MODE

- (a) When the compass is in normal mode, pressing the AUTO switch for 6 seconds will activate the zone setting mode. A number from 1 to 15 will be displayed on the compass display.

HINT:

When the initial zone setting has not been changed, 8 will be displayed.

- (b) The displayed number increases by 1 every time the AUTO switch is pressed. Referring to the map, check the number for the area where the vehicle will be used and set the zone number.
- (c) Leave the mirror untouched for several seconds after setting the zone. Check that the compass display shows a direction (N, NE, E, SE, S, SW, W, or NW). In some cases, the compass may display "C".

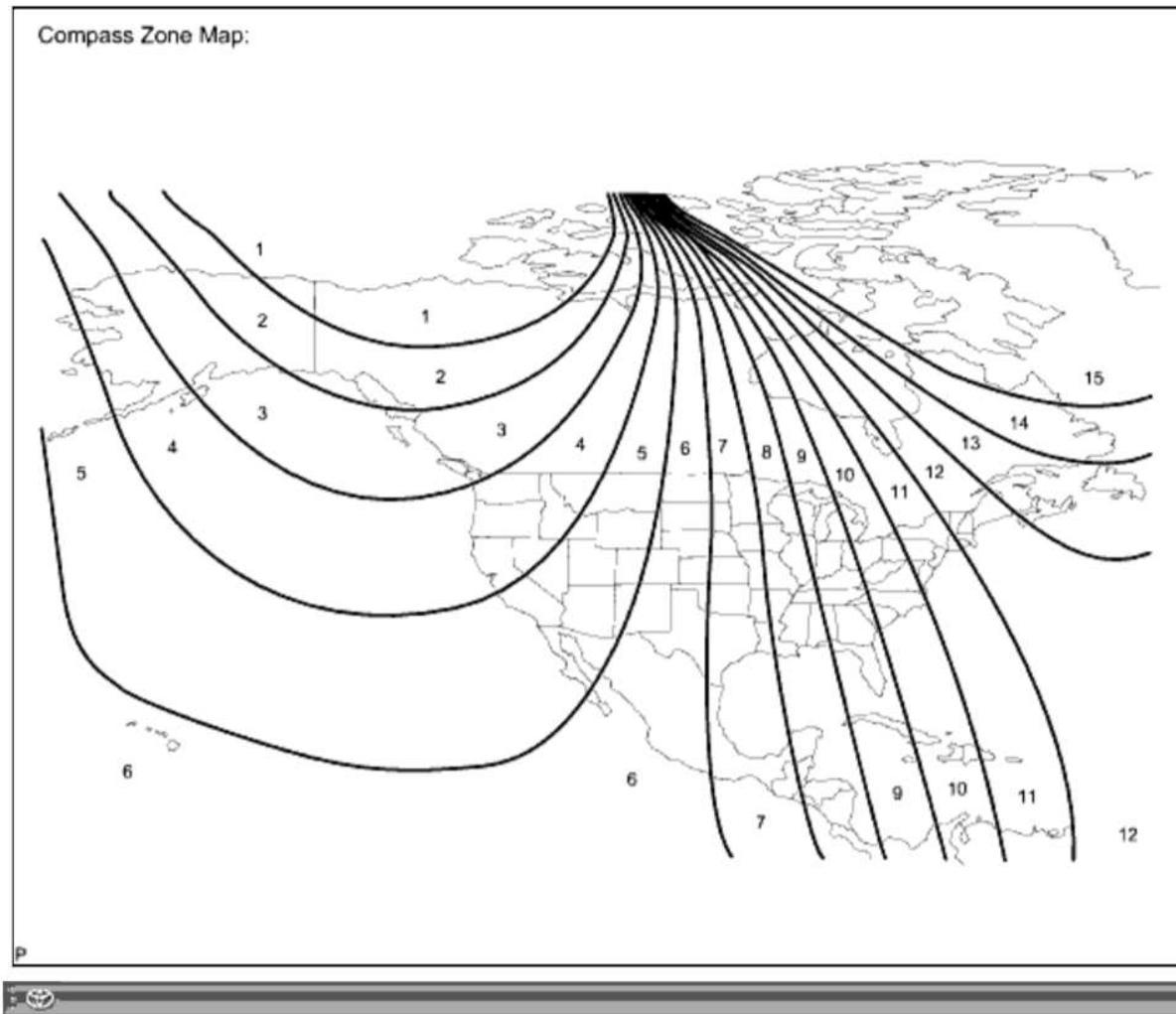
7. CALIBRATION MODE

- (a) When the compass is in normal mode, pressing the AUTO switch for 9 seconds will activate the calibration mode.
- (b) Drive the vehicle in a circle at a speed of 8 km/h (5 mph) or less.
- (c) After driving around in a circle 1 to 3 times, the direction (N, NE, E, SE, S, SW, W, or NW) will be displayed on the compass display. This indicates that calibration has finished.

HINT:

After calibration is performed, it is not necessary to repeat the calibration procedure unless the magnetic field

of the vehicle changes drastically. If the magnetic field changes drastically, this will be indicated by the compass display changing to "C".



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Model Year: 2010	Model: Corolla	Doc ID: RM000003H7W002X
Title: MIRROR (INT): INNER REAR VIEW MIRROR (w/ EC Mirror): PROBLEM SYMPTOMS TABLE (2010 Corolla)		

PROBLEM SYMPTOMS TABLE

HINT:

- Use the table below to help determine the cause of problem symptoms. If multiple suspected areas are listed, 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.

Automatic Glare-resistant EC Mirror

SYMPTOM	SUSPECTED AREA	SEE PAGE
Automatic glare-resistant EC mirror does not operate	ECU-IG NO. 2 fuse	-
	Inner rear view mirror	INFO
	Wire harness	-

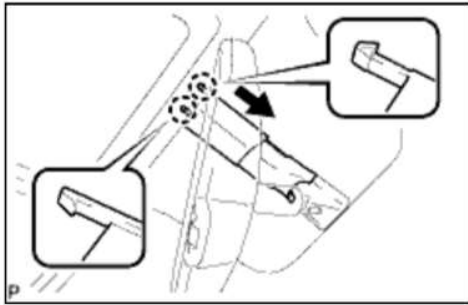


TOYOTA

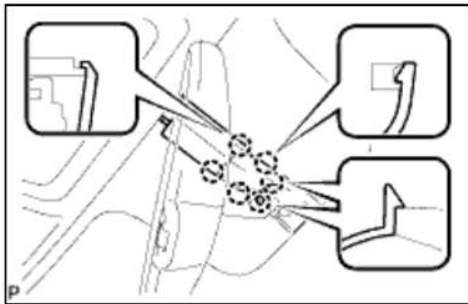
Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000001PGI01RX
Title: MIRROR (INT): INNER REAR VIEW MIRROR (w/ EC Mirror): REMOVAL (2010 Corolla)		

REMOVAL

1. REMOVE INNER REAR VIEW MIRROR COVER

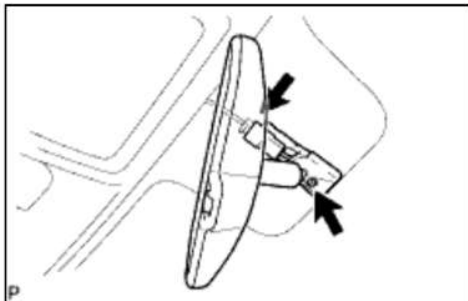


(a) Disengage the 2 claws and slide the inner rear view mirror cover as shown in the illustration.



(b) Disengage the 6 claws and remove the inner rear view mirror cover.

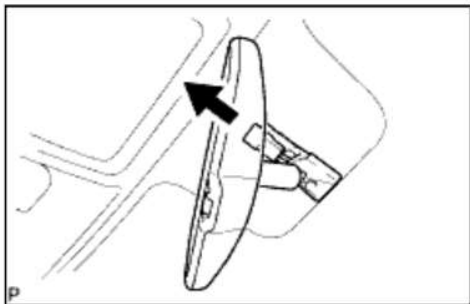
2. REMOVE INNER REAR VIEW MIRROR ASSEMBLY



(a) Disconnect the connector.

(b) Using a "TORX" socket wrench (T20), remove the from and the inner rear view mirror.

(c) Slide the inner rear view mirror assembly in the direction



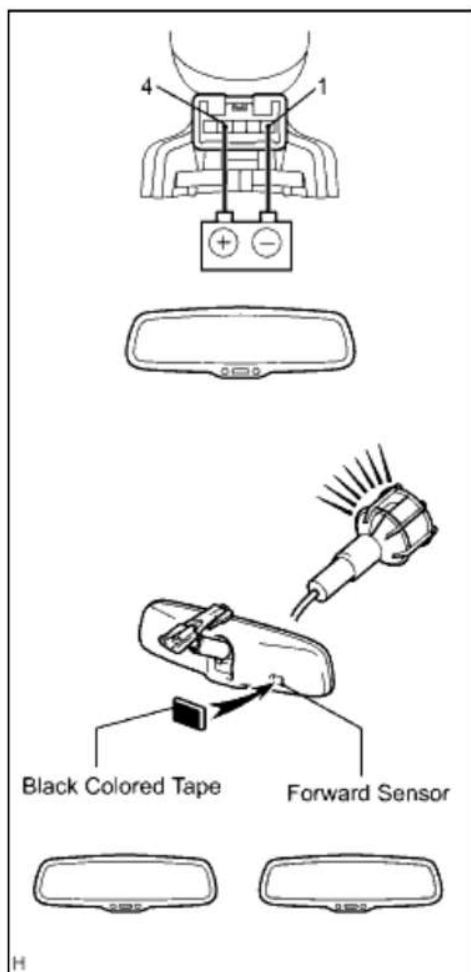
indicated by the arrow shown in the illustration to remove it.



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Model Year: 2010	Model: Corolla	Doc ID: RM000002WLW00IX
Title: MIRROR (INT): INNER REAR VIEW MIRROR (w/ EC Mirror): INSPECTION (2010 Corolla)		

INSPECTION

1. INSPECT INNER REAR VIEW MIRROR ASSEMBLY



(a) Inspect operation of the electrochromic inner mirror.

- (1) Connect a positive (+) lead from the battery to terminal 4 and a negative (-) lead to terminal 1.
- (2) Attach black colored tape to the forward sensor to prevent it from sensing.
- (3) Light up the mirror with an electric light, and check that the mirror surface changes from bright to dark.

OK:

Mirror surface changes from bright to dark.

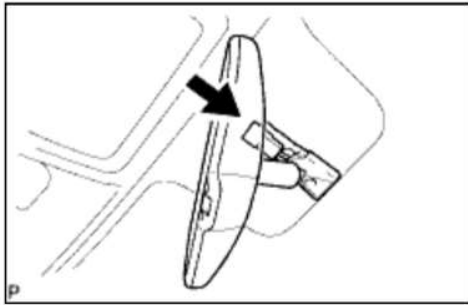
If the result is not as specified, replace the mirror assembly.



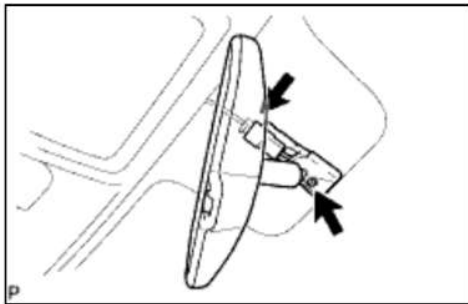
Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000001PGG01RX
Title: MIRROR (INT): INNER REAR VIEW MIRROR (w/ EC Mirror): INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL INNER REAR VIEW MIRROR ASSEMBLY



- (a) Slide the inner rear view mirror assembly in the direction indicated by the arrow shown in the illustration to install it.

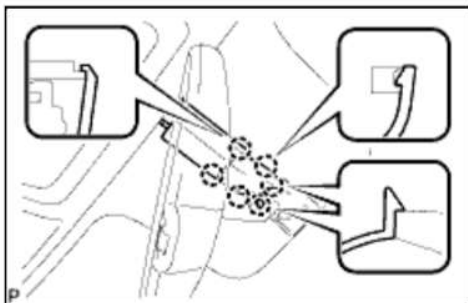


- (b) Using a "TORX" socket wrench (T20), install the inner rear view mirror with the screw.

Torque: 1.5 N·m (15 kgf·cm, 13in·lbf)

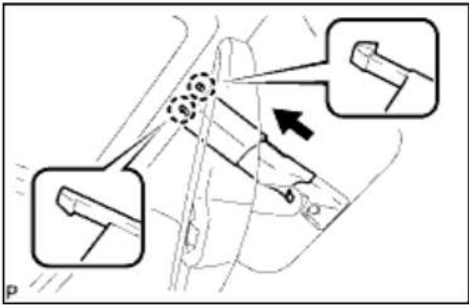
- (c) Connect the connector.

2. INSTALL INNER REAR VIEW MIRROR COVER



- (a) Engage the 6 claws and temporarily install the inner rear view mirror cover.

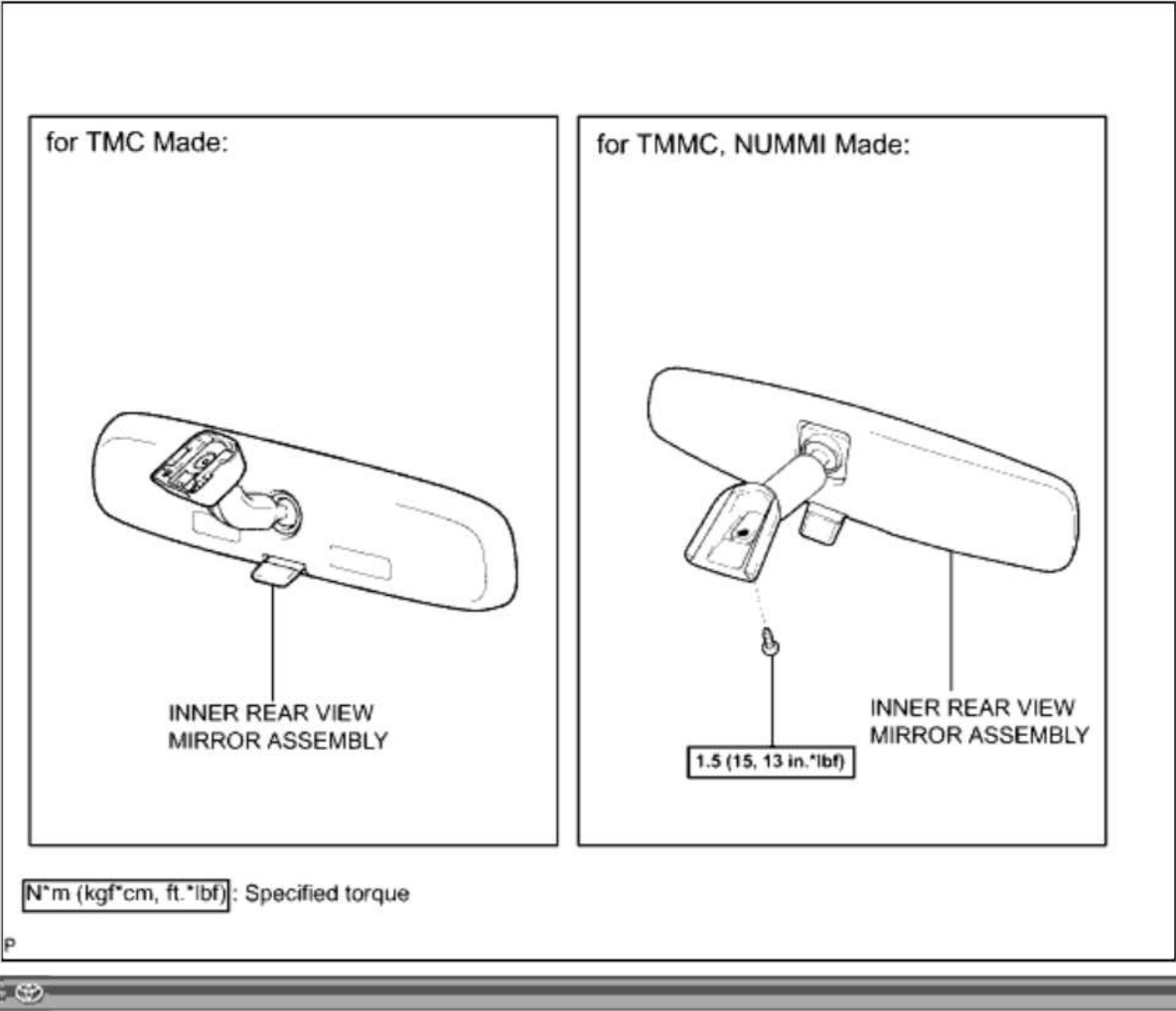
- (b) Slide the inner rear view mirror cover and engage the 2 claws as shown in the illustration to install the cover.



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Model Year: 2010	Model: Corolla	Doc ID: RM000001PGH01GX
Title: MIRROR (INT): INNER REAR VIEW MIRROR (w/o EC Mirror): COMPONENTS (2010 Corolla)		

COMPONENTS

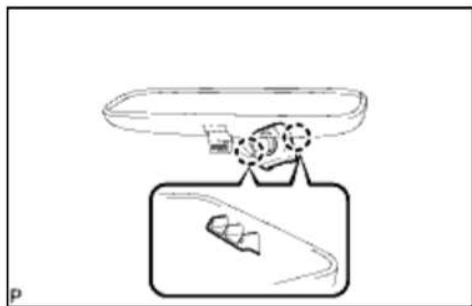
ILLUSTRATION



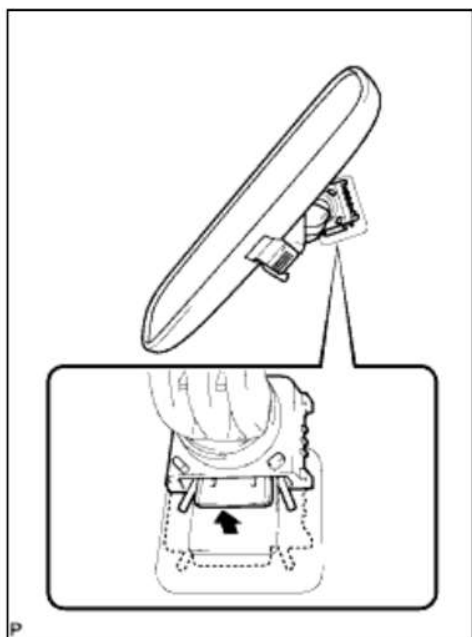
Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000001PGI01QX
Title: MIRROR (INT): INNER REAR VIEW MIRROR (w/o EC Mirror): REMOVAL (2010 Corolla)		

REMOVAL

1. REMOVE INNER REAR VIEW MIRROR ASSEMBLY (for TMC Made)



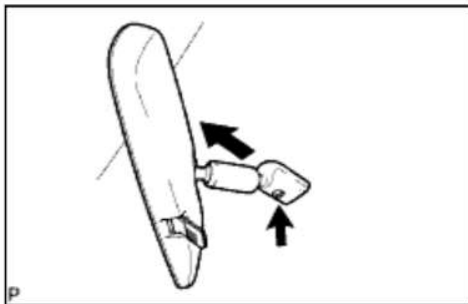
(a) Disengage the 2 claws and the cover.



(b) Pull the lever in the direction indicated by the arrow shown in the illustration and slide the inner rear view mirror assembly upward to remove it.

2. REMOVE INNER REAR VIEW MIRROR ASSEMBLY (for TMMC, NUMMI Made)

(a) Remove the screw.



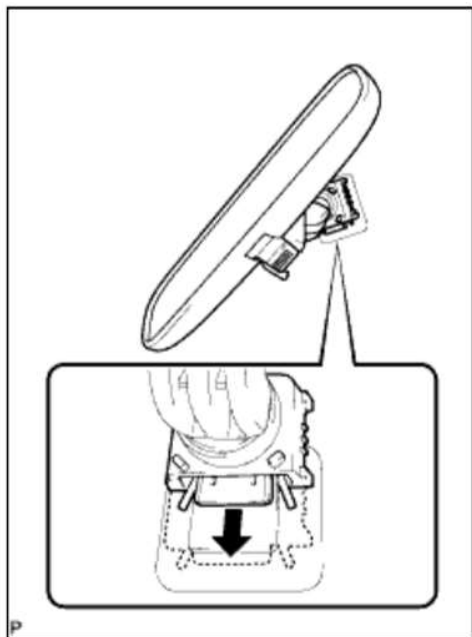
- (b) Slide the inner rear view mirror assembly in the direction indicated by the arrow shown in the illustration to remove it.



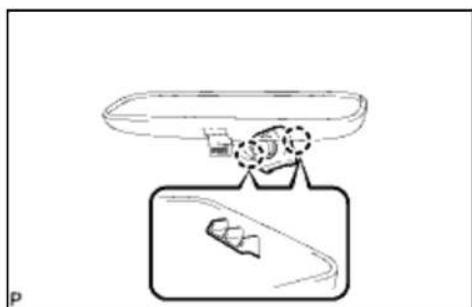
Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000001PGG01QX
Title: MIRROR (INT): INNER REAR VIEW MIRROR (w/o EC Mirror): INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL INNER REAR VIEW MIRROR ASSEMBLY (for TMC Made)



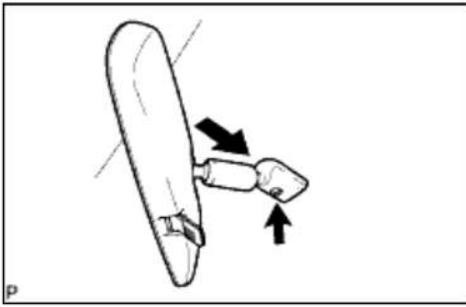
(a) Slide the inner rear view mirror assembly in the direction indicated by the arrow shown in the illustration to install it.



(b) Engage the 2 claws and install the cover.

2. INSTALL INNER REAR VIEW MIRROR ASSEMBLY (for TMMC, NUMMI Made)

(a) Slide the inner rear view mirror assembly in the direction indicated by the arrow shown in the illustration to install it.



(b) Using a "TORX" socket wrench (T20), install the inner rear view mirror with the screw.

Torque: 1.5 N·m (15 kgf·cm, 13in·lbf)

