

Last Modified: 3-10-2010	6.4 L	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003INQ002X
Title: SEAT: FRONT POWER SEAT CONTROL SYSTEM: PRECAUTION (2010 Corolla)		

PRECAUTION

1. EXPRESSIONS OF IGNITION SWITCH

- (a) The type of ignition switch used on this model differs according to the specifications of the vehicle.

The expressions listed in the table below are used in this section.

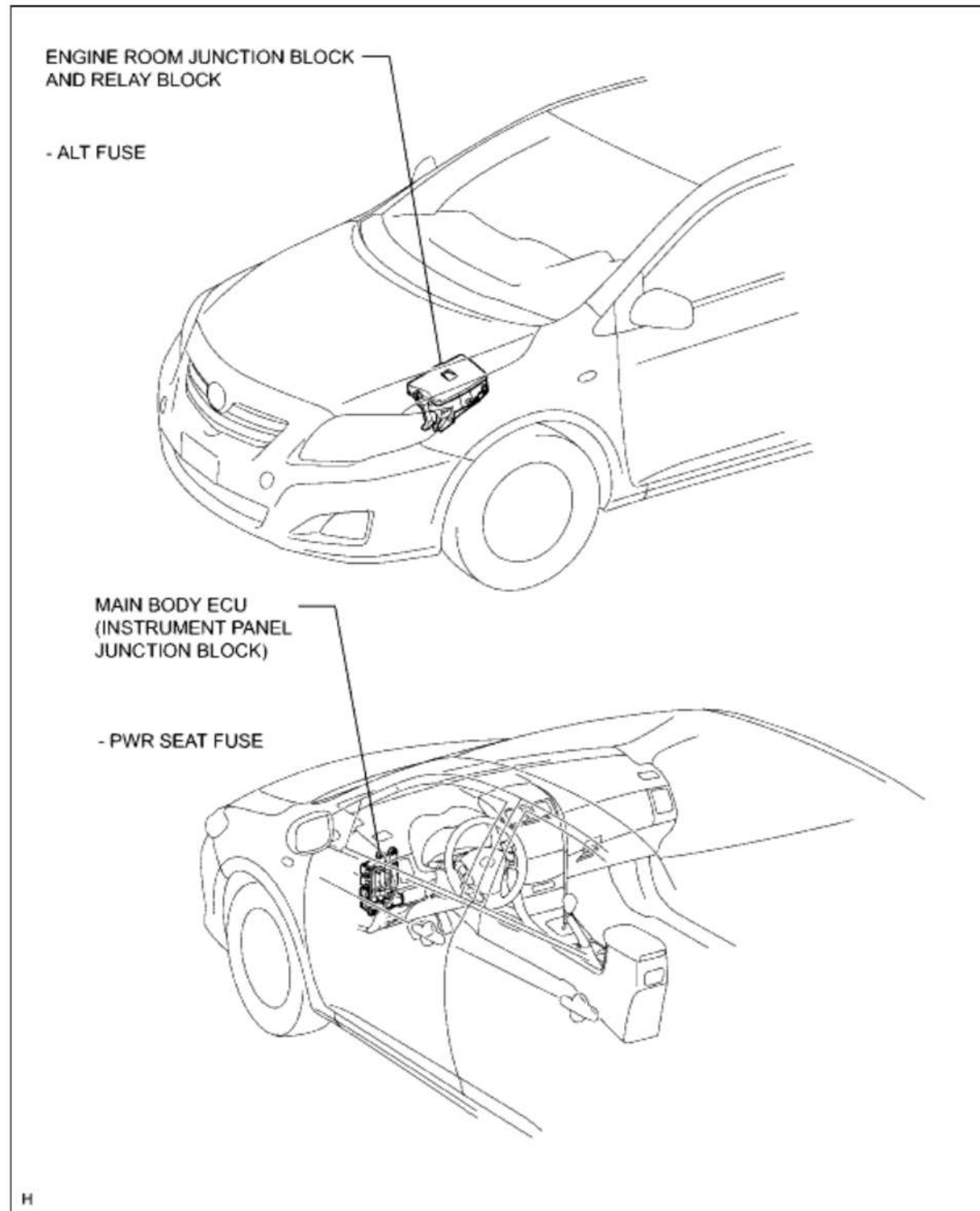
EXPRESSION	SWITCH TYPE	
	IGNITION SWITCH (POSITION)	ENGINE SWITCH (CONDITION)
Ignition Switch off	LOCK	Off
Ignition Switch ON	ON	On (IG)
Ignition Switch ACC	ACC	On (ACC)
Engine Start	START	Start



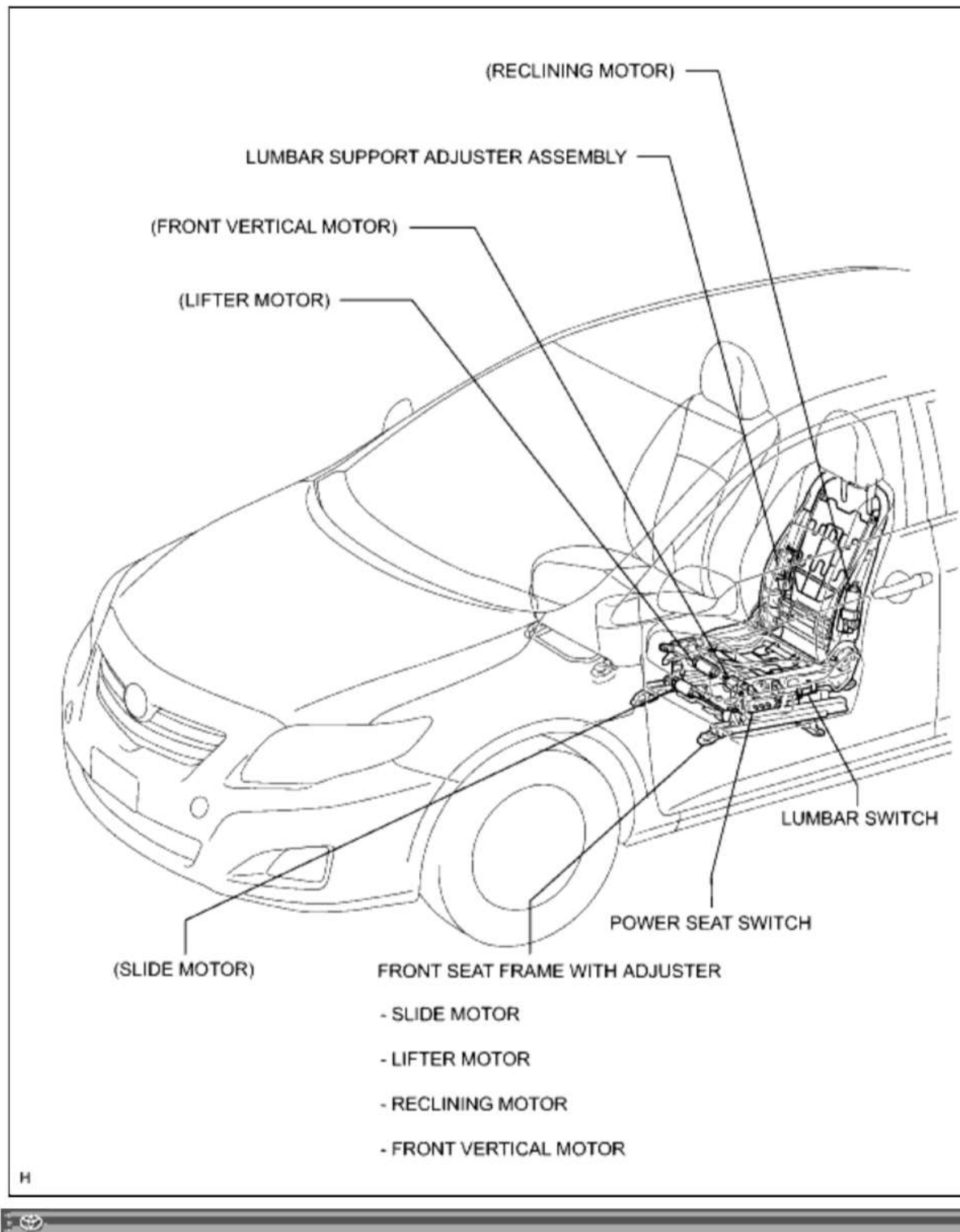
Last Modified: 3-10-2010	6.4 R	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000X0101SX
Title: SEAT: FRONT POWER SEAT CONTROL SYSTEM: PARTS LOCATION (2010 Corolla)		

PARTS LOCATION

ILLUSTRATION

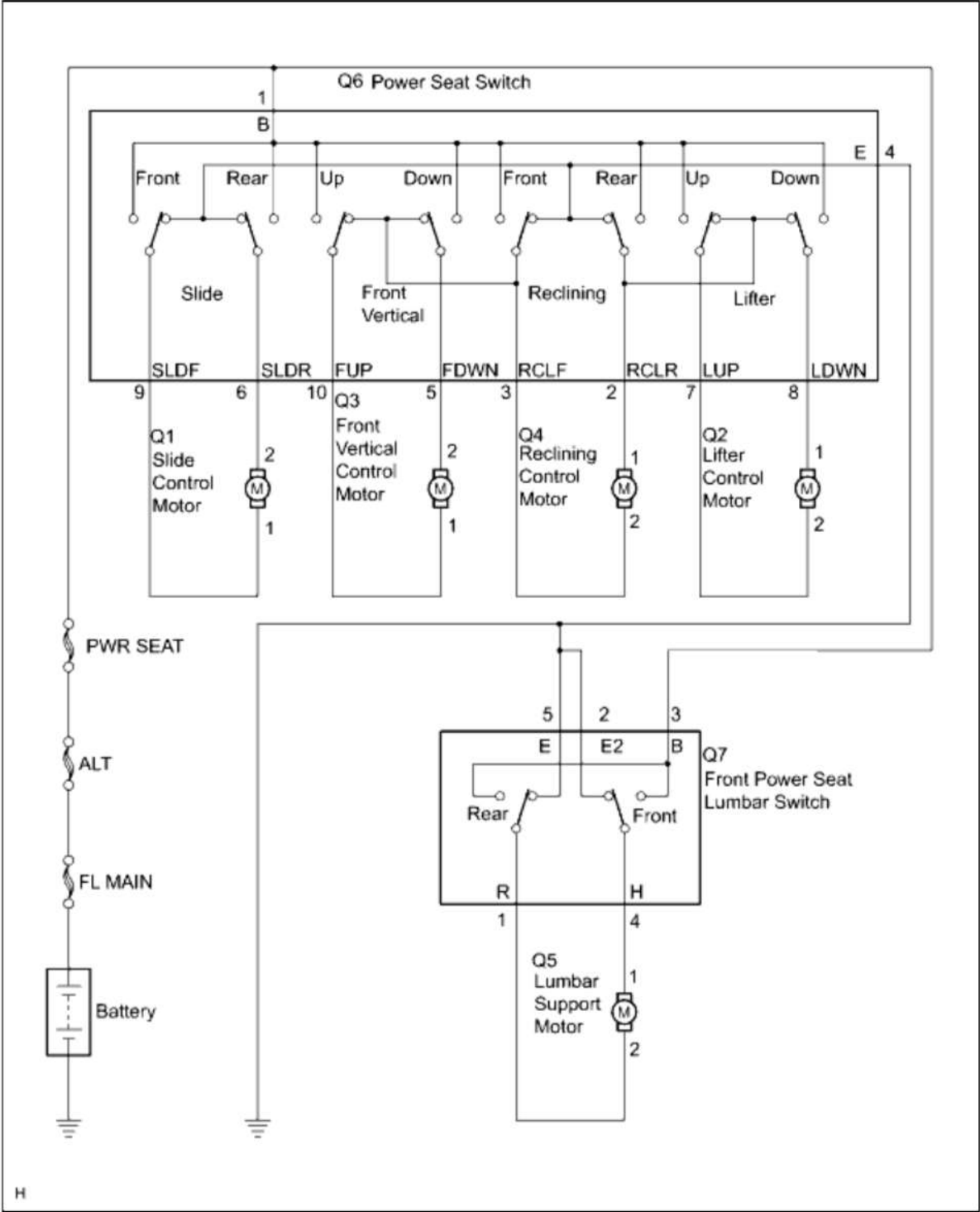


ILLUSTRATION



Last Modified: 3-10-2010	6.4 U	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000X0301SX
Title: SEAT: FRONT POWER SEAT CONTROL SYSTEM: SYSTEM DIAGRAM (2010 Corolla)		

SYSTEM DIAGRAM



Last Modified: 3-10-2010	6.4 D	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000T5G01JX
Title: SEAT: FRONT POWER SEAT CONTROL SYSTEM: SYSTEM DESCRIPTION (2010 Corolla)		

SYSTEM DESCRIPTION

1. FRONT POWER SEAT CONTROL SYSTEM DESCRIPTION

The driver seat is equipped with slide, reclining, lifter, front vertical and lumbar support adjustment functions.

2. FUNCTION OF MAIN COMPONENTS

The following functions are available:

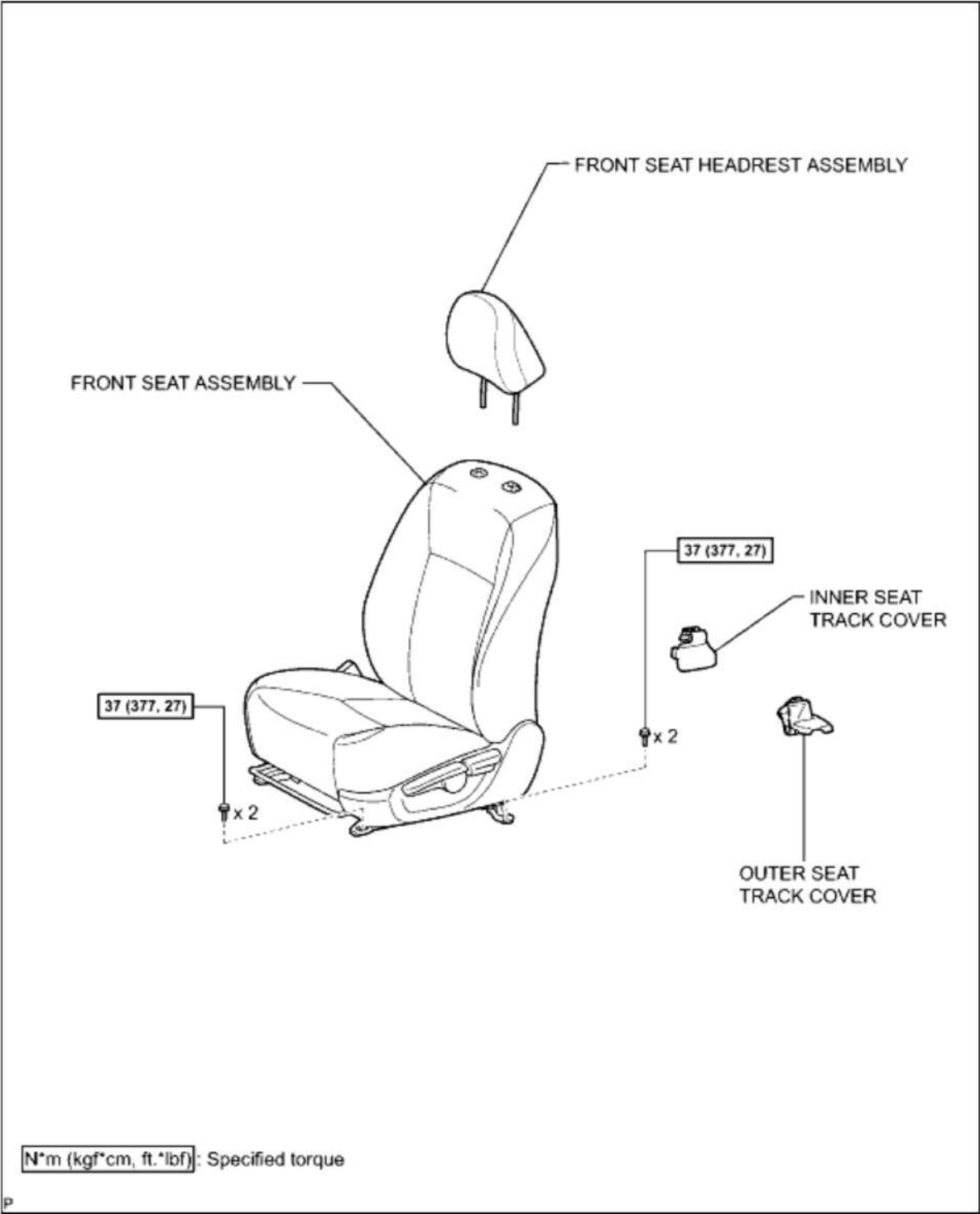
COMPONENTS	FUNCTION
Front seat assembly (slide motor)	Activated based on a signal from the power seat switch, a motor is activated and slides the seat forward and rearward.
Front seat assembly (reclining motor)	Activated based on a signal from the power seat switch, a motor is activated and tilts and reclines the seat.
Power seat motor assembly (front vertical motor)	Activated based on a signal from the power seat switch and raises and lowers the seat cushion front vertically.
Front seat assembly (lifter motor)	Activated based on a signal from the power seat switch and raises and lowers the seat vertically.
Lumbar support adjuster assembly	Activated based on a signal from the front power seat lumbar switch and adjusts lumbar support.
Front power seat lumbar switch	Based on switches operated, the seat is adjusted accordingly.



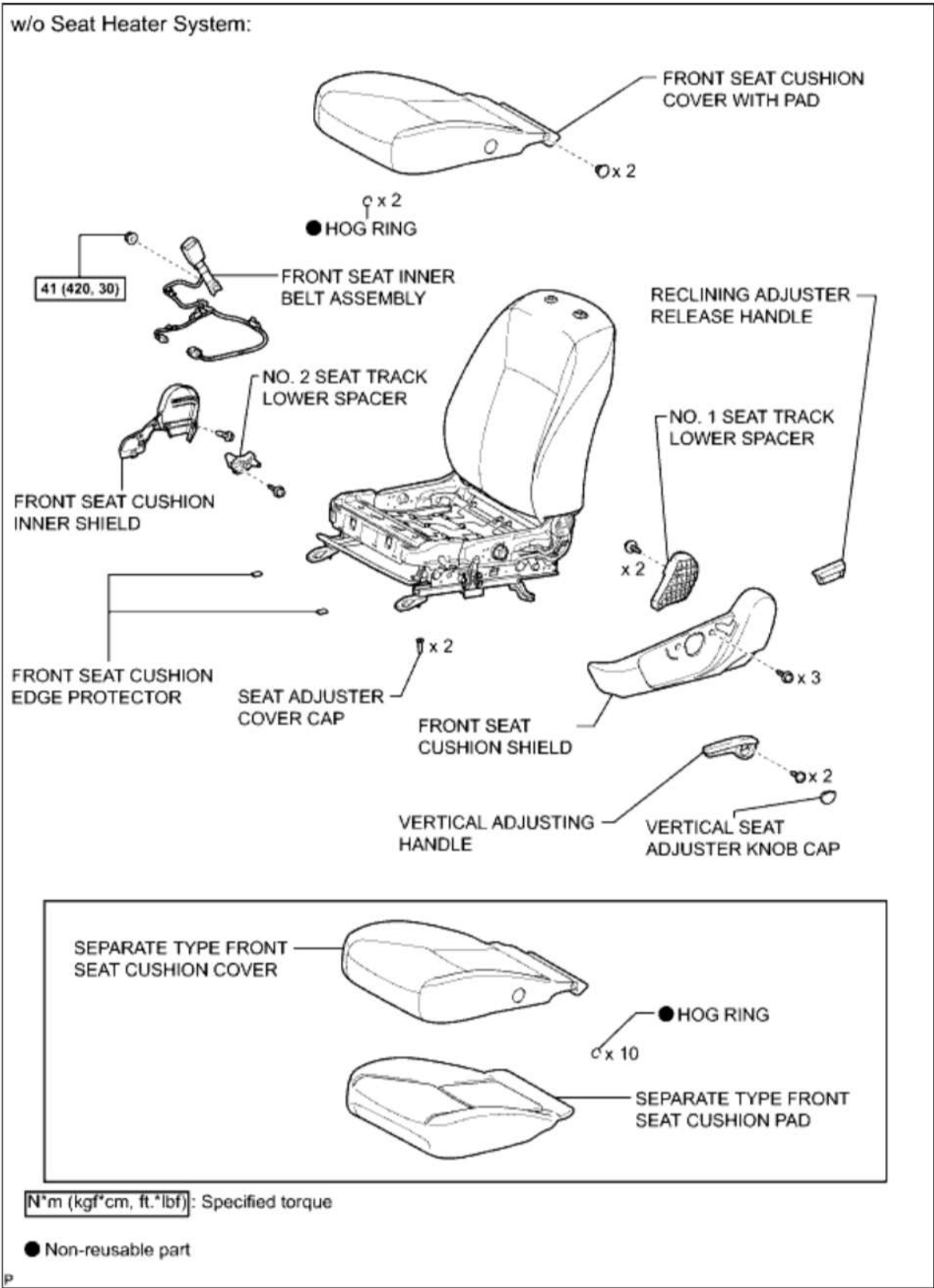
Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003D4R003X
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): COMPONENTS (2010 Corolla)		

COMPONENTS

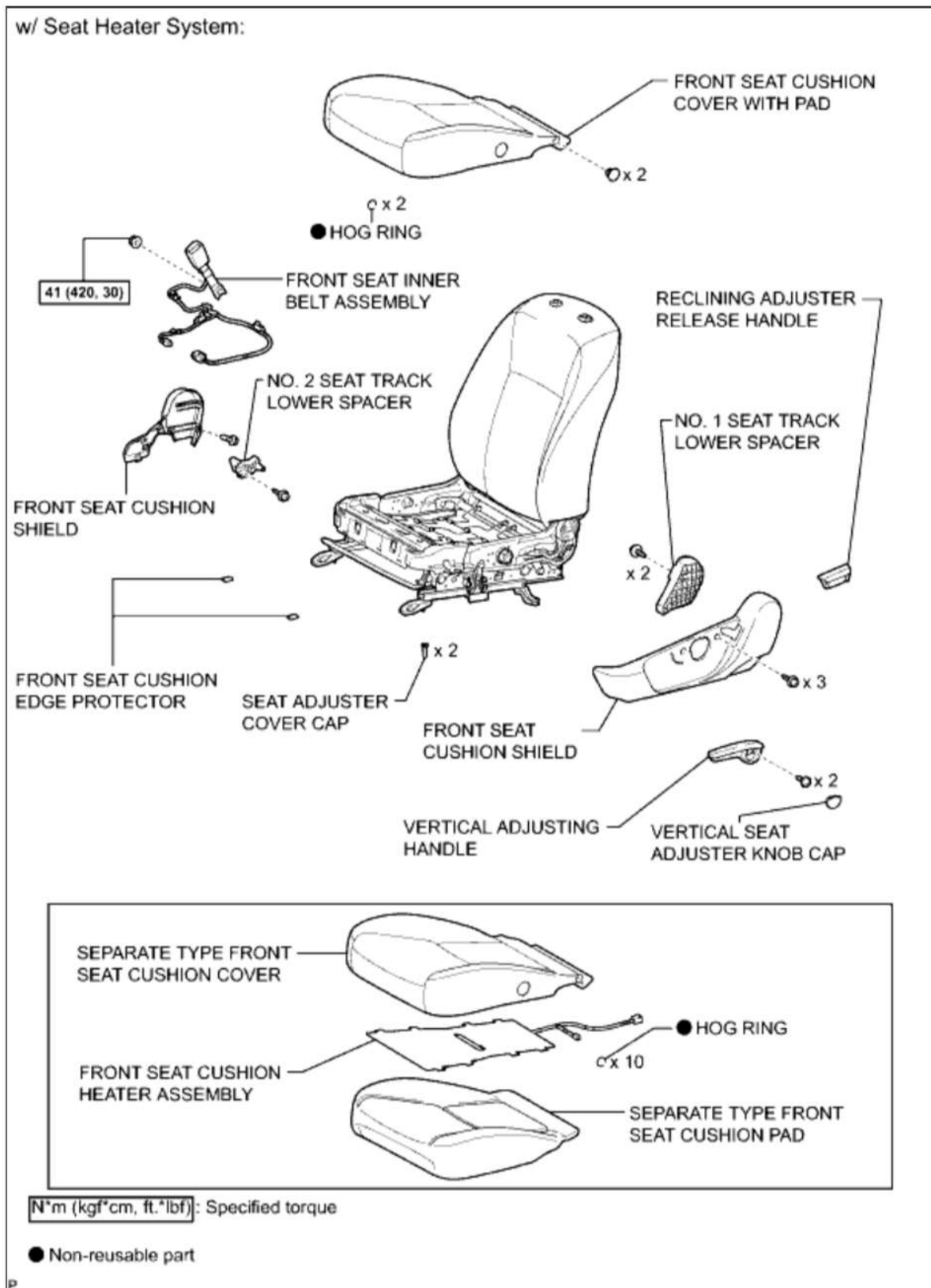
ILLUSTRATION



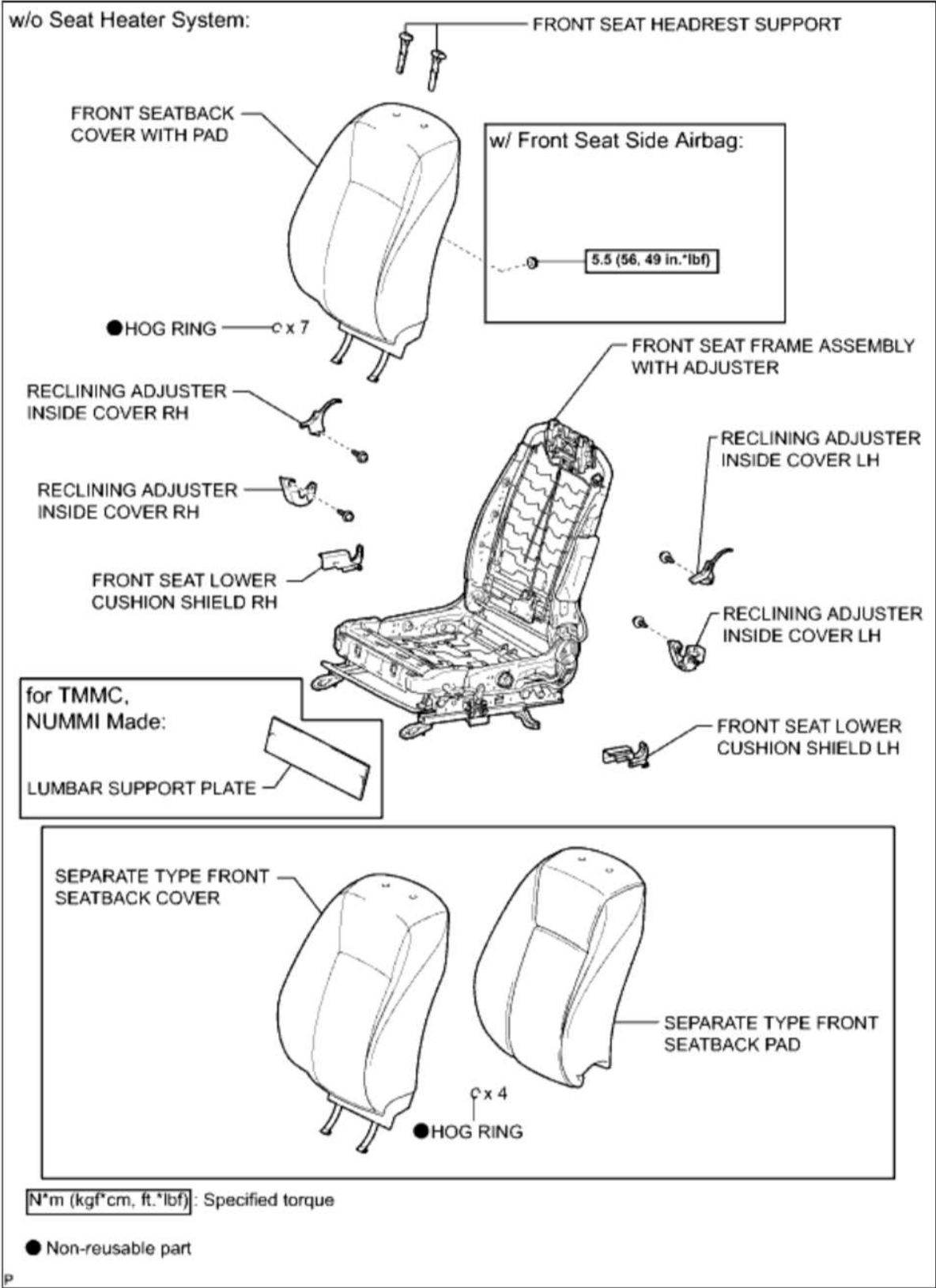
ILLUSTRATION



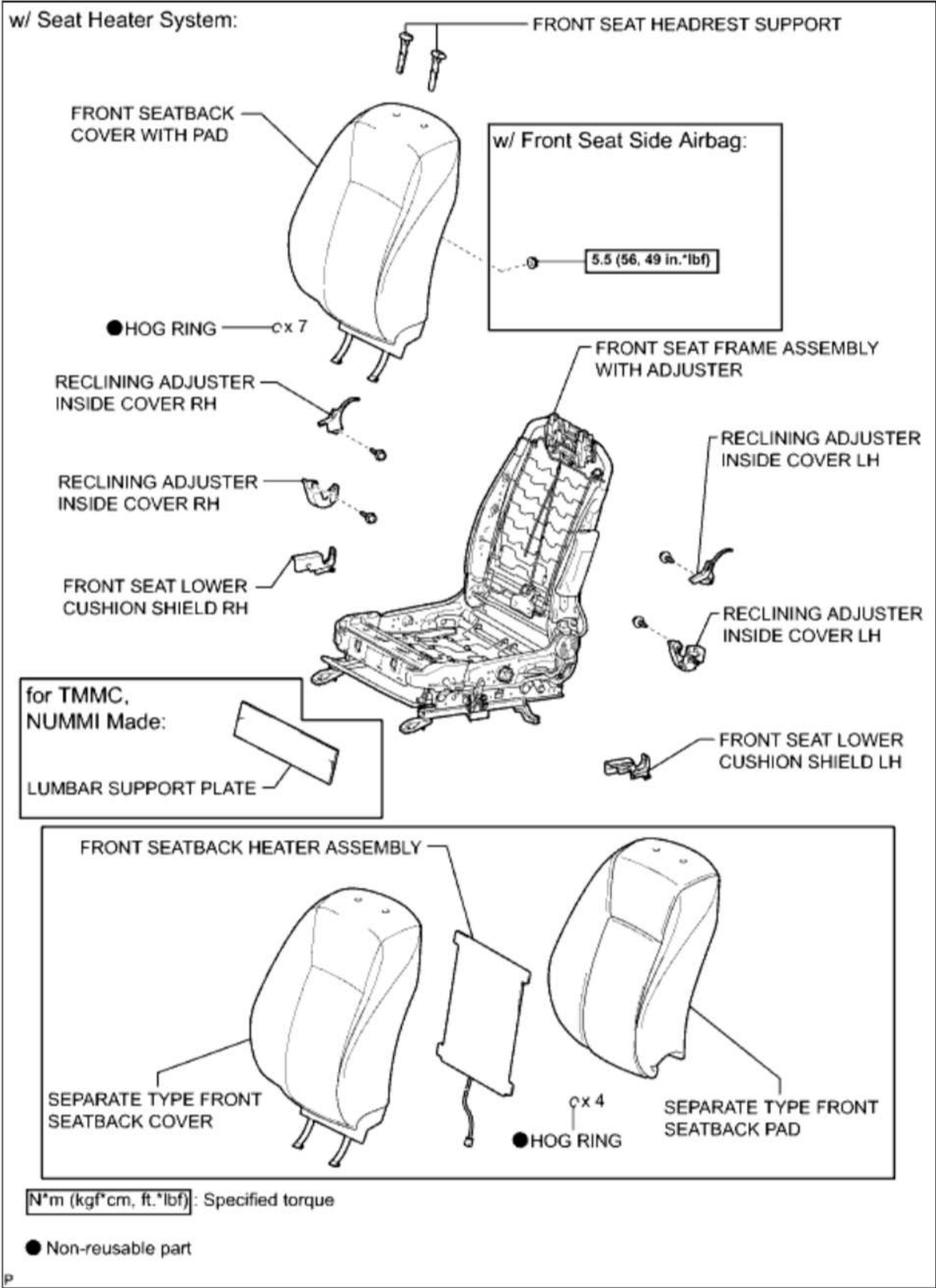
ILLUSTRATION



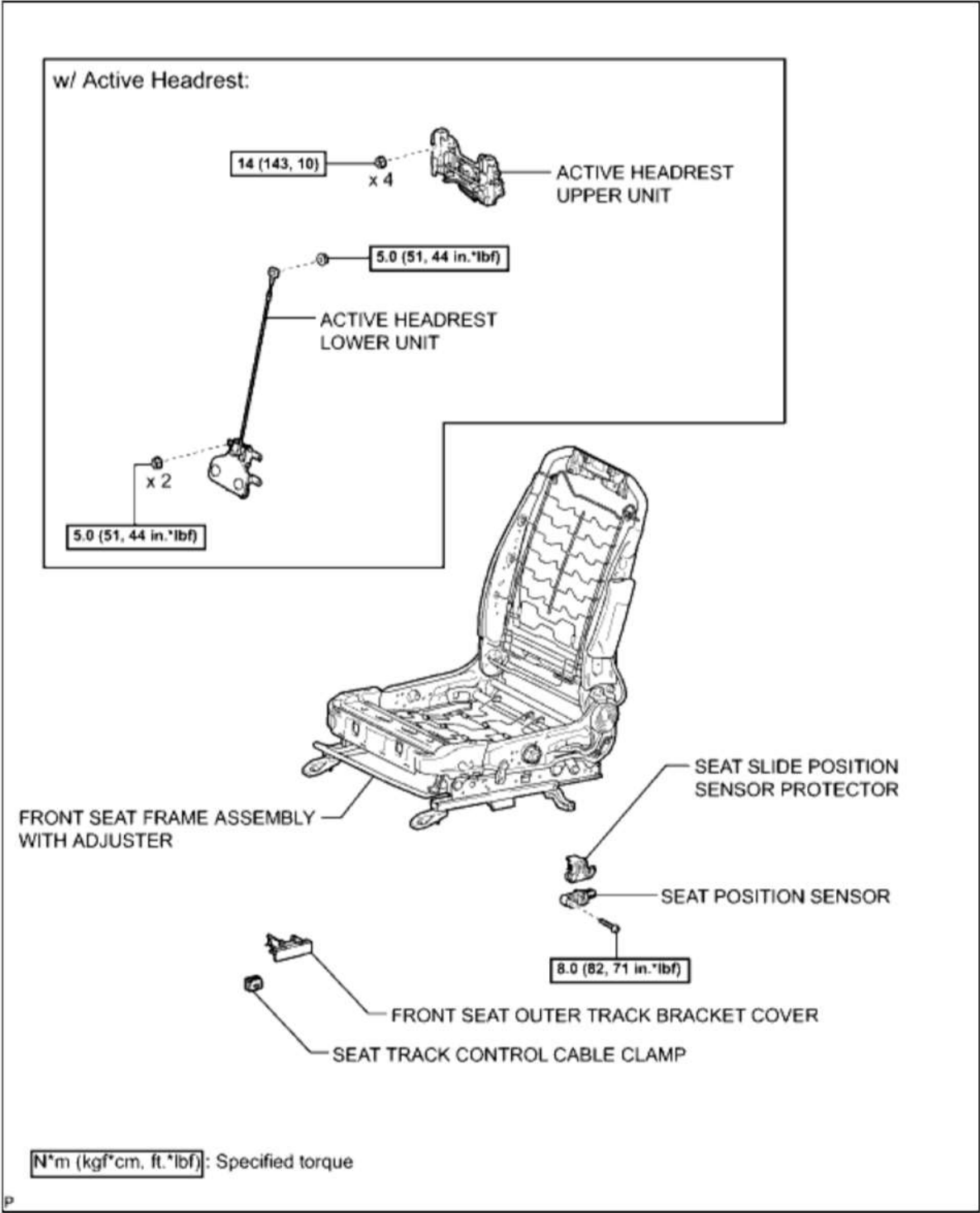
ILLUSTRATION



ILLUSTRATION

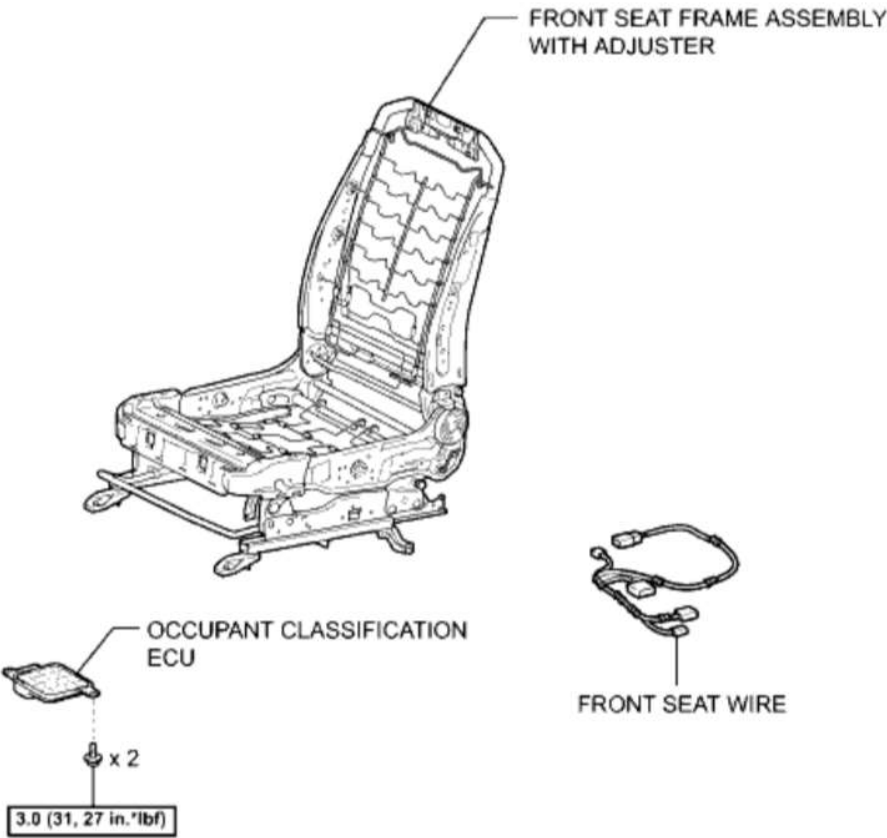


ILLUSTRATION



ILLUSTRATION

for Front Passenger Side:



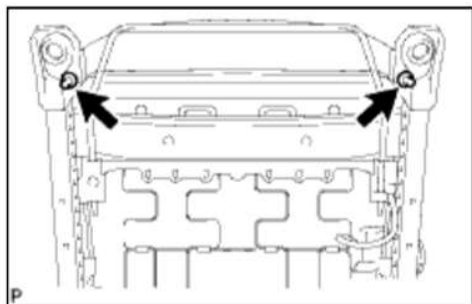
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Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000VBH03MX
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): DISASSEMBLY (2010 Corolla)		

DISASSEMBLY

1. REMOVE SEAT ADJUSTER COVER CAP



(a) Remove the 2 seat adjuster cover caps.

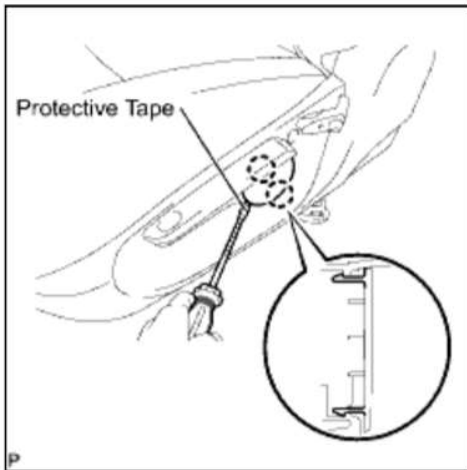
2. REMOVE RECLINING ADJUSTER RELEASE HANDLE



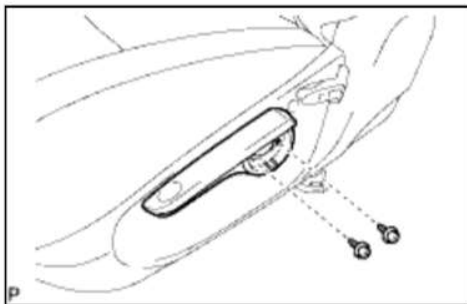
(a) Using a screwdriver wrapped with protective tape, disengage the claw and remove the reclining adjuster release handle.

3. REMOVE VERTICAL SEAT ADJUSTER KNOB CAP

(a) Using a screwdriver wrapped with protective tape, disengage the 2 claws and remove the vertical seat adjuster knob cap.

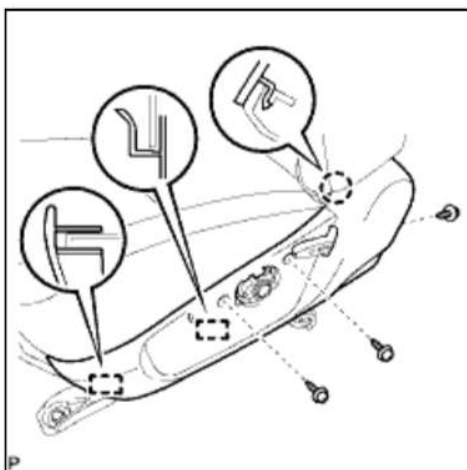


4. REMOVE VERTICAL ADJUSTING HANDLE



(a) Remove the 2 screws and the vertical adjusting handle.

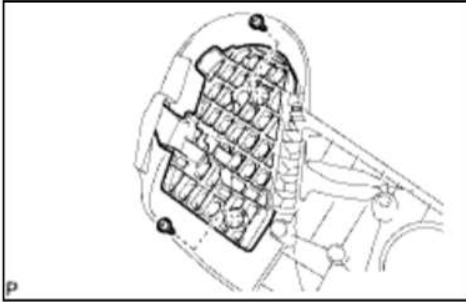
5. REMOVE FRONT SEAT CUSHION SHIELD



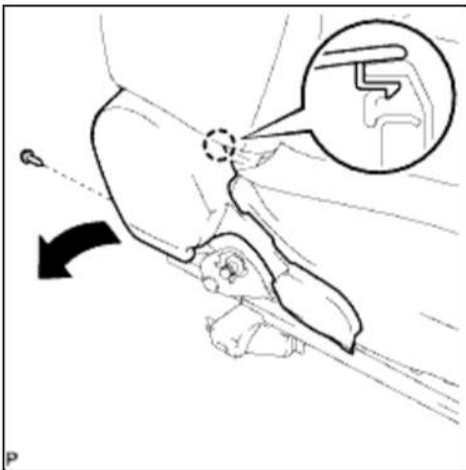
(a) Remove the 3 screws.

(b) Disengage the claw.

(c) Disengage the 2 guides and remove the front seat cushion shield.

6. REMOVE NO. 1 SEAT TRACK LOWER SPACER

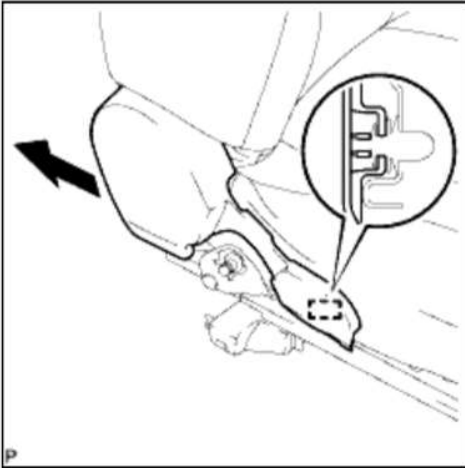
(a) Remove the 2 screws and the No. 1 seat track lower spacer.

7. REMOVE FRONT SEAT INNER BELT ASSEMBLY**8. REMOVE FRONT SEAT CUSHION INNER SHIELD**

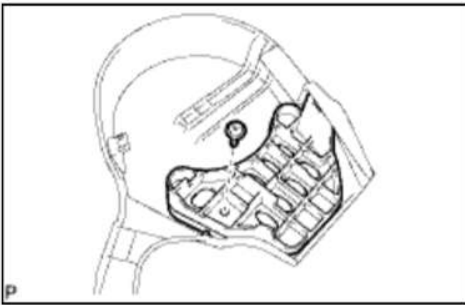
(a) Remove the screw.

(b) Disengage the claw.

(c) Separate the guide and remove the front seat cushion inner shield as shown in the illustration.

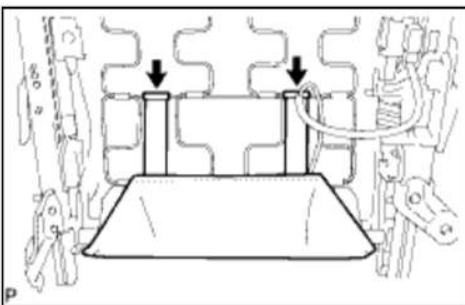


9. REMOVE NO. 2 SEAT TRACK LOWER SPACER



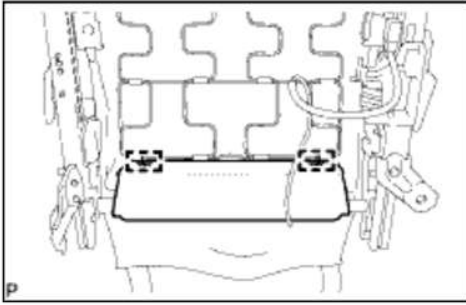
(a) Remove the screw and the No. 2 seat track lower spacer.

10. REMOVE FRONT SEAT CUSHION COVER WITH PAD

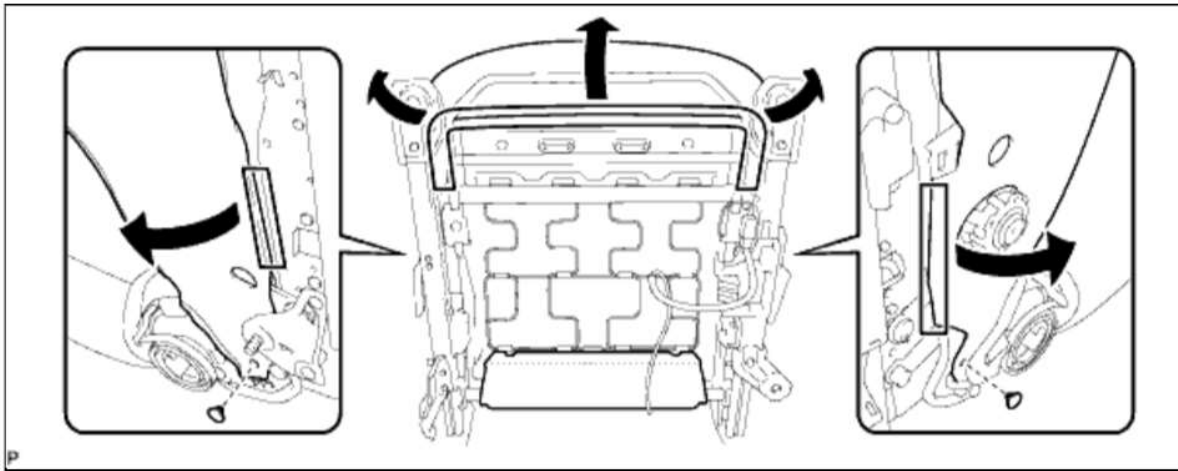


(a) Disengage the 2 hooks.

(b) Remove the 2 hog rings.

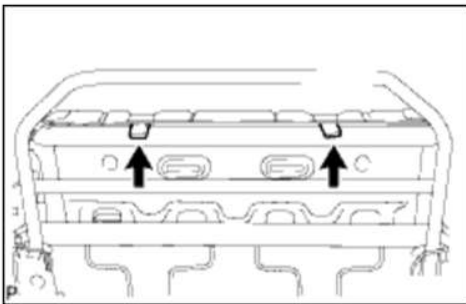


(c) Using a clip remover, remove the 2 clips.



(d) Disengage the hooks and remove the front seat cushion cover with pad as shown in the illustration.

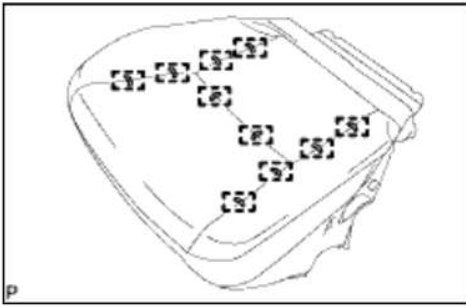
11. REMOVE FRONT SEAT CUSHION EDGE PROTECTOR



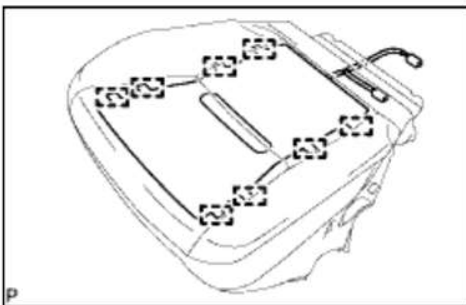
(a) Remove the 2 front seat cushion edge protectors.

12. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER

(a) Remove the 10 hog rings and the separate type front seat cushion cover.

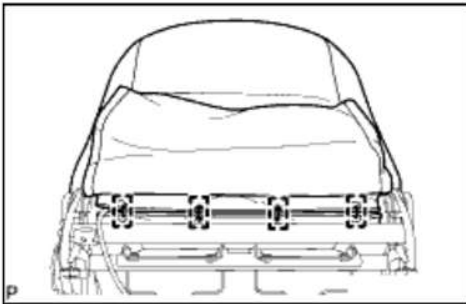


13. REMOVE FRONT SEAT CUSHION HEATER ASSEMBLY (w/ Seat Heater System)

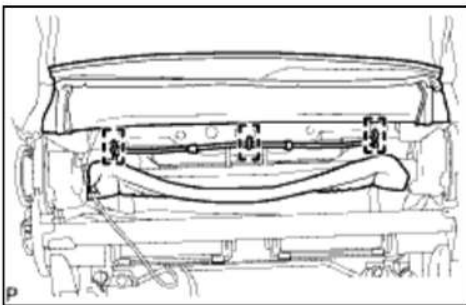


(a) Cut off the 8 tack pins and remove the front seat cushion heater assembly.

14. REMOVE FRONT SEATBACK COVER WITH PAD

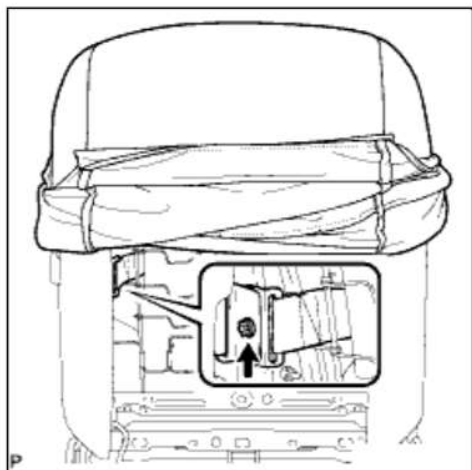


(a) Remove the 4 hog rings.

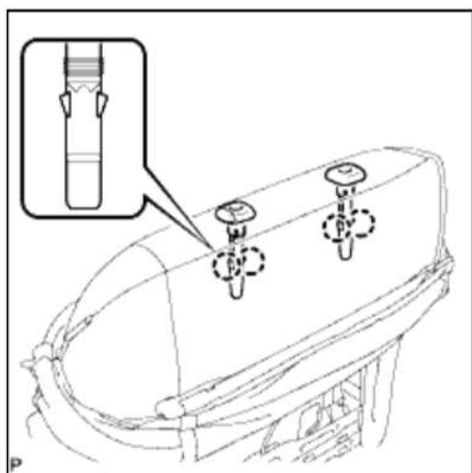


(b) Remove the 3 hog rings.

(c) w/ Front Seat Side Airbag:



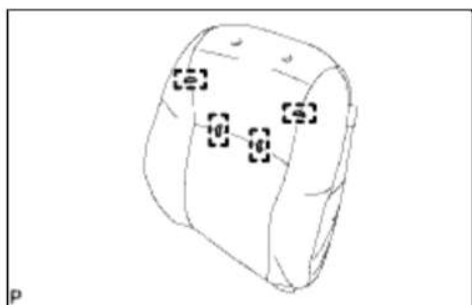
- (1) Turn back the separate type front seatback cover to remove the nut, and separate the bracket of the separate type front seatback cover.



- (d) Disengage the 4 claws and remove the 2 front seat headrest supports.

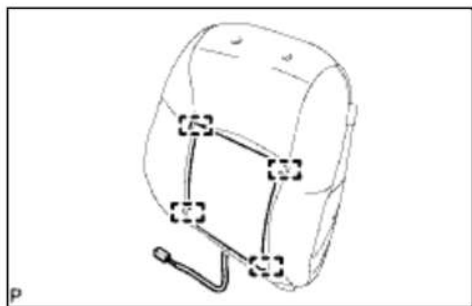
- (e) Remove the front seatback cover with pad from the front seat frame assembly with adjuster.

15. REMOVE SEPARATE TYPE FRONT SEATBACK COVER



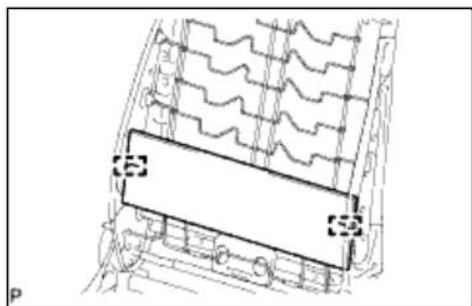
- (a) Remove the 4 hog rings and the separate type front seatback cover.

16. REMOVE FRONT SEATBACK HEATER ASSEMBLY (w/ Seat Heater System)



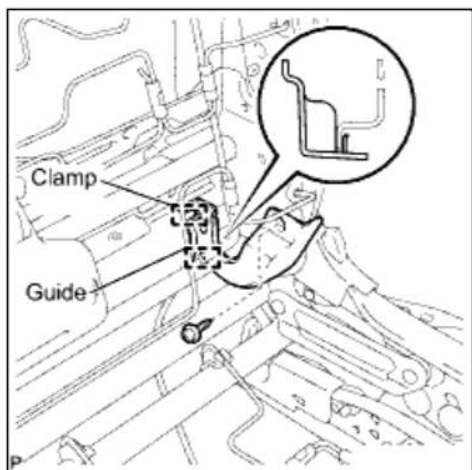
(a) Cut off the 4 tack pins and remove the front seatback heater assembly.

17. REMOVE LUMBAR SUPPORT PLATE (for TMMC, NUMMI Made)



(a) Disengage the 2 hooks and remove the lumbar support plate.

18. REMOVE RECLINING ADJUSTER INSIDE COVER LH



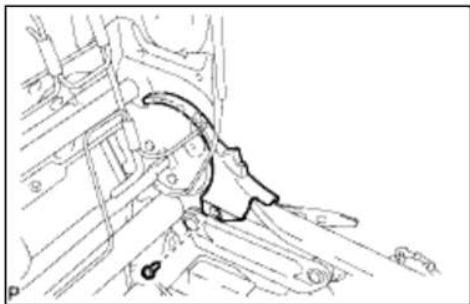
(a) Remove the screw.

(b) Disengage the guide.

(c) w/ Front Seat Side Airbag:

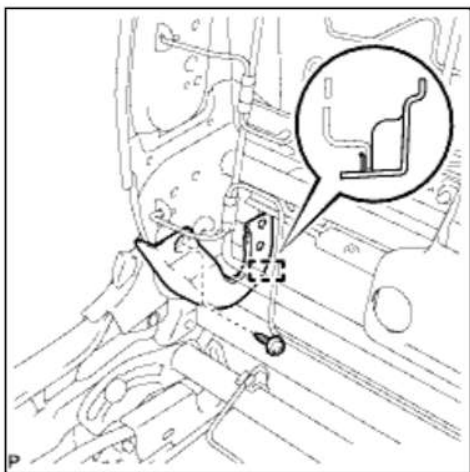
(1) Disengage the clamp and remove the reclining adjuster inside cover LH.

19. REMOVE RECLINING ADJUSTER INSIDE COVER LH



- (a) Remove the screw and the reclining adjuster inside cover LH.

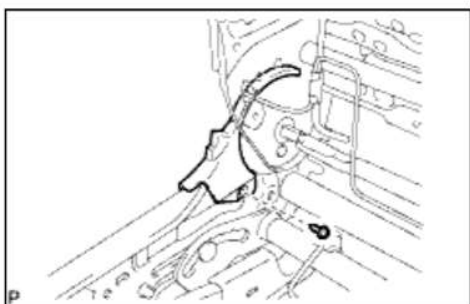
20. REMOVE RECLINING ADJUSTER INSIDE COVER RH



- (a) Remove the screw.

- (b) Disengage the guide and remove the reclining adjuster inside cover RH.

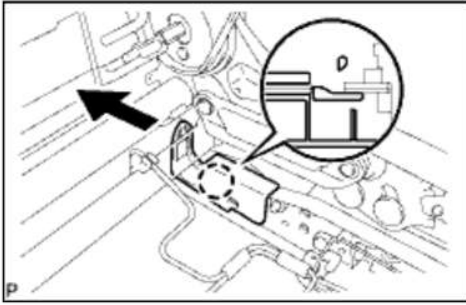
21. REMOVE RECLINING ADJUSTER INSIDE COVER RH



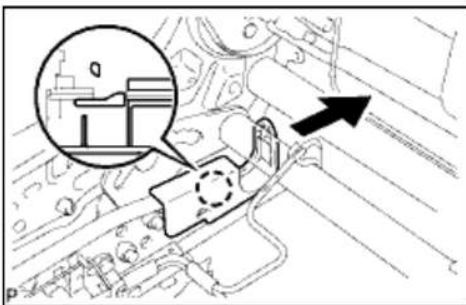
- (a) Remove the screw and the reclining adjuster inside cover RH.

22. REMOVE FRONT SEAT LOWER CUSHION SHIELD LH

- (a) Disengage the claw and remove the front seat lower cushion shield LH as shown in the illustration.

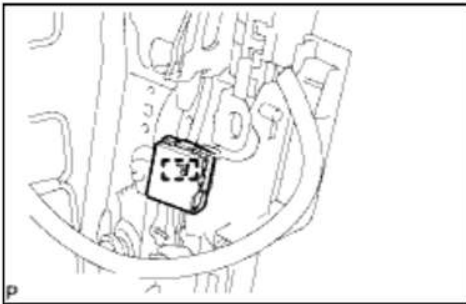


23. REMOVE FRONT SEAT LOWER CUSHION SHIELD RH



(a) Disengage the claw and remove the front seat lower cushion shield RH as shown in the illustration.

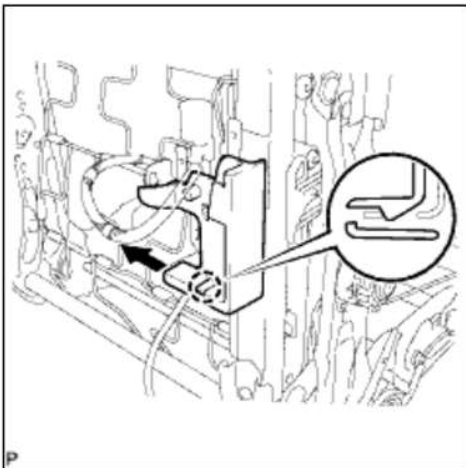
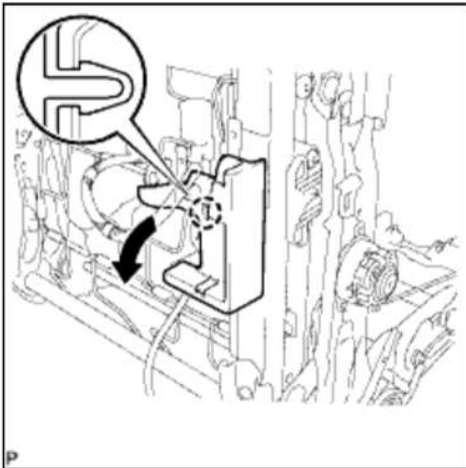
24. REMOVE SEAT TRACK CONTROL CABLE CLAMP



(a) Disengage the clamp and remove the seat track control cable clamp.

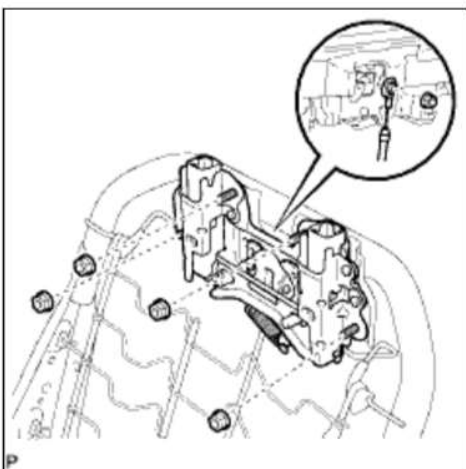
25. REMOVE FRONT SEAT OUTER TRACK BRACKET COVER

(a) Disengage the claw as shown in the illustration.



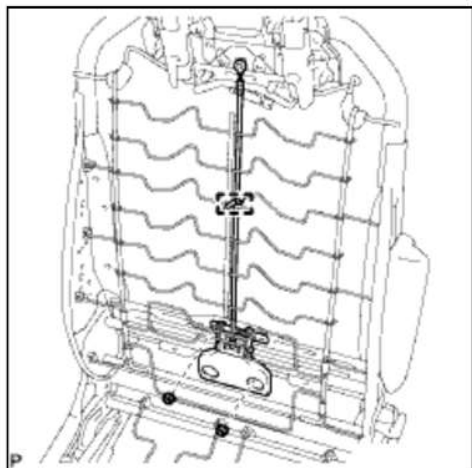
- (b) Disengage the claw and remove the front seat outer track bracket cover as shown in the illustration.

26. REMOVE ACTIVE HEADREST UPPER UNIT (w/ Active Headrest)



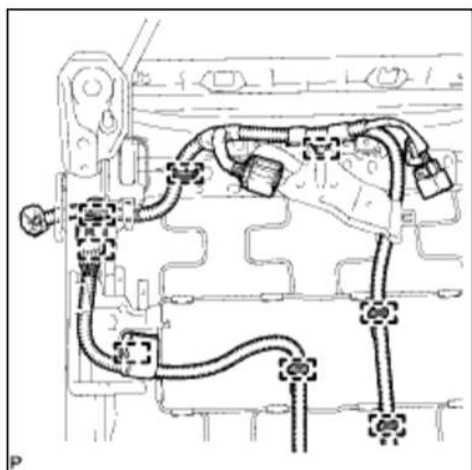
- (a) Remove the nut and disconnect the cable from the active headrest upper unit as shown in the illustration.

- (b) Remove the 4 nuts and the active headrest upper unit.

27. REMOVE ACTIVE HEADREST LOWER UNIT (w/ Active Headrest)

(a) Remove the clamp.

(b) Remove the 2 nuts and the active headrest lower unit.

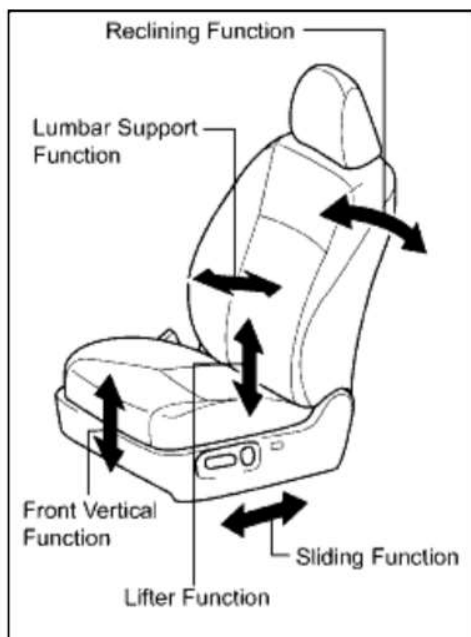
28. REMOVE OCCUPANT CLASSIFICATION ECU (for Front Passenger Side)[INFO](#)**29. REMOVE SEAT POSITION SENSOR**[INFO](#)**30. REMOVE FRONT SEAT WIRE (for Front Passenger Side)**

(a) Disengage the 8 clamps and remove the front seat wire.

Last Modified: 3-10-2010	6.4 D	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000001R8S012X
Title: SEAT: FRONT POWER SEAT CONTROL SYSTEM: OPERATION CHECK (2010 Corolla)		

OPERATION CHECK

1. CHECK POWER SEAT FUNCTION



(a) Check the basic functions.

(1) Operate the power seat switches and check that the following functions work:

- Sliding
- Reclining
- Front vertical
- Lumbar support
- Lifter

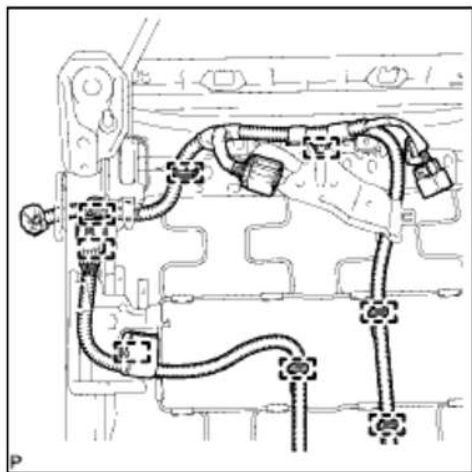


TOYOTA

Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000VBI03RX
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): REASSEMBLY (2010 Corolla)		

REASSEMBLY

1. INSTALL FRONT SEAT WIRE (for Front Passenger Side)



(a) Engage the 8 clamps and install the front seat wire.

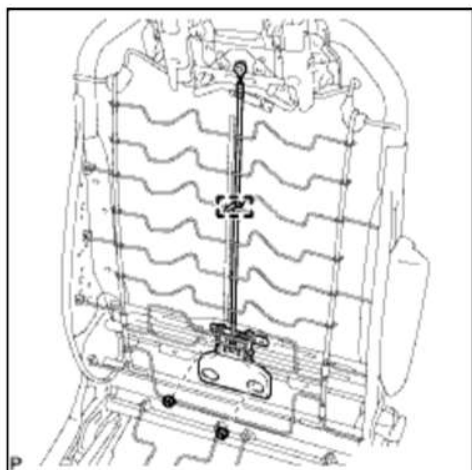
2. INSTALL SEAT POSITION SENSOR

INFO

3. INSTALL OCCUPANT CLASSIFICATION ECU (for Front Passenger Side)

INFO

4. INSTALL ACTIVE HEADREST LOWER UNIT (w/ Active Headrest)

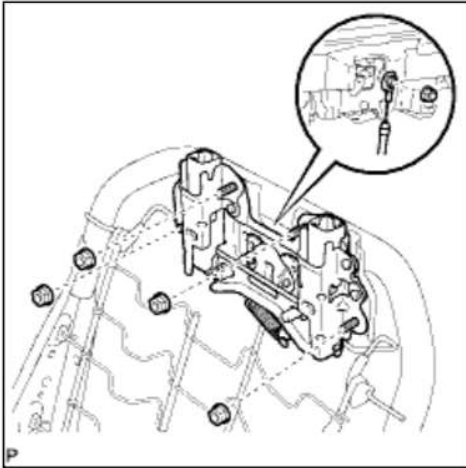


(a) Install the 2 nuts.

Torque: 5.0 N·m (51 kgf·cm, 44in·lbf)

(b) Install the active headrest lower unit with the new clamp.

5. INSTALL ACTIVE HEADREST UPPER UNIT (w/ Active Headrest)



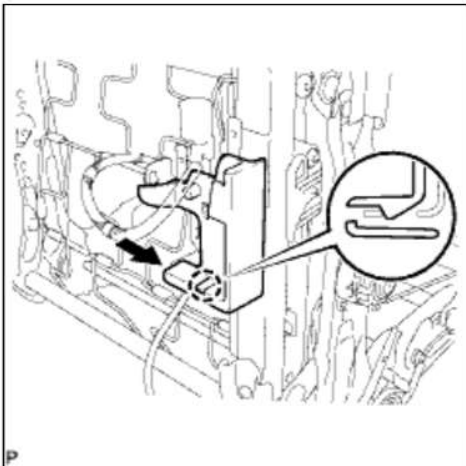
(a) Install the active headrest upper unit with the 4 nuts.

Torque: 14 N·m (143 kgf·cm, 10ft·lbf)

(b) Connect the cable to the active headrest upper unit with the nut as shown in the illustration.

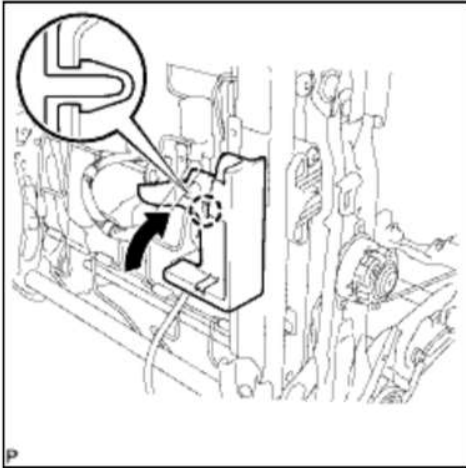
Torque: 5.0 N·m (51 kgf·cm, 44in·lbf)

6. INSTALL FRONT SEAT OUTER TRACK BRACKET COVER

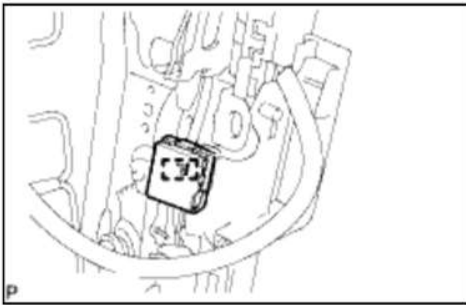


(a) Engage the claw as shown in the illustration.

(b) Engage the claw and install the front seat outer track bracket cover as shown in the illustration.

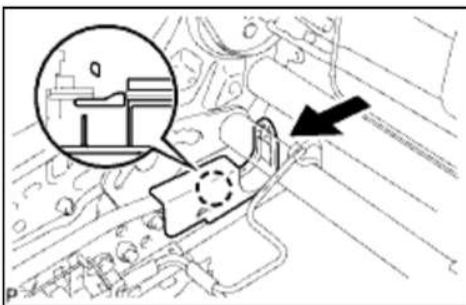


7. INSTALL SEAT TRACK CONTROL CABLE CLAMP



- (a) Engage the clamp and install the seat track control cable clamp.

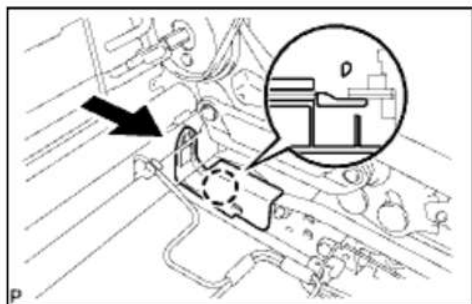
8. INSTALL FRONT SEAT LOWER CUSHION SHIELD RH



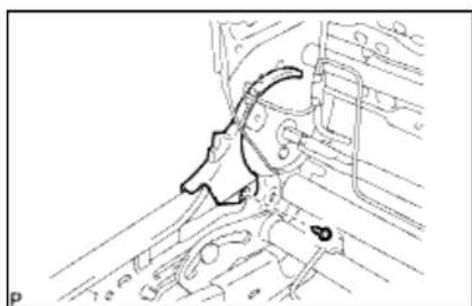
- (a) Engage the claw and install the front seat lower cushion shield RH as shown in the illustration.

9. INSTALL FRONT SEAT LOWER CUSHION SHIELD LH

- (a) Engage the claw and install the front seat lower cushion shield LH as shown in the illustration.

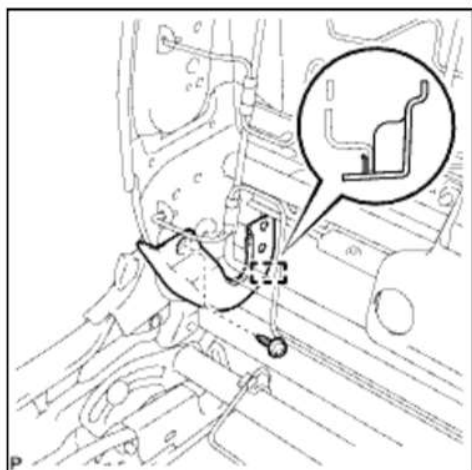


10. INSTALL RECLINING ADJUSTER INSIDE COVER RH



(a) Install the reclining adjuster inside cover RH with the screw.

11. INSTALL RECLINING ADJUSTER INSIDE COVER RH

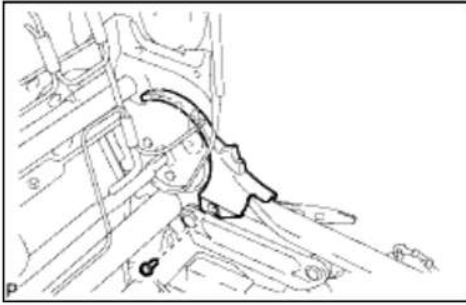


(a) Engage the guide.

(b) Install the reclining adjuster inside cover RH with the screw.

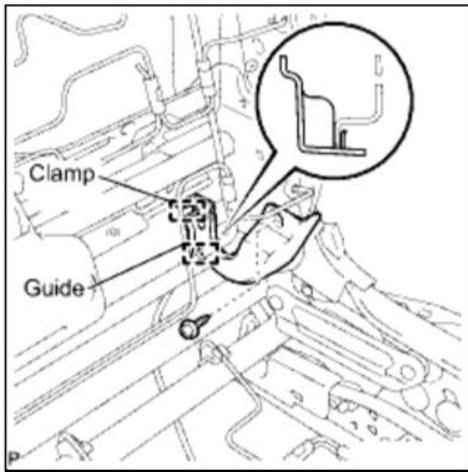
12. INSTALL RECLINING ADJUSTER INSIDE COVER LH

(a) Install the reclining adjuster inside cover LH with the screw.



13. INSTALL RECLINING ADJUSTER INSIDE COVER LH

(a) w/ Front Seat Side Airbag:

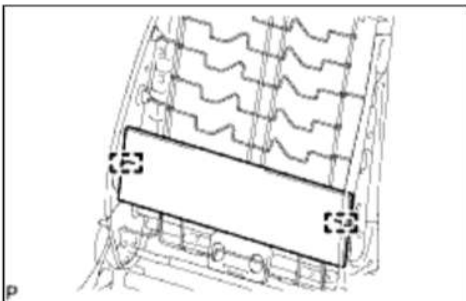


(1) Engage the clamp.

(b) Engage the guide.

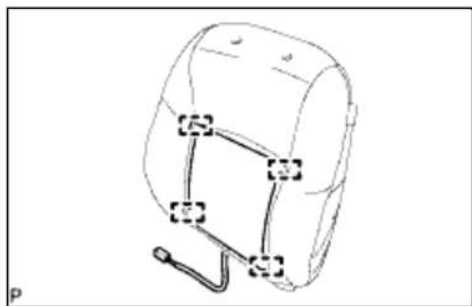
(c) Install the reclining adjuster inside cover LH with the screw.

14. INSTALL LUMBAR SUPPORT PLATE (for TMMC, NUMMI Made)



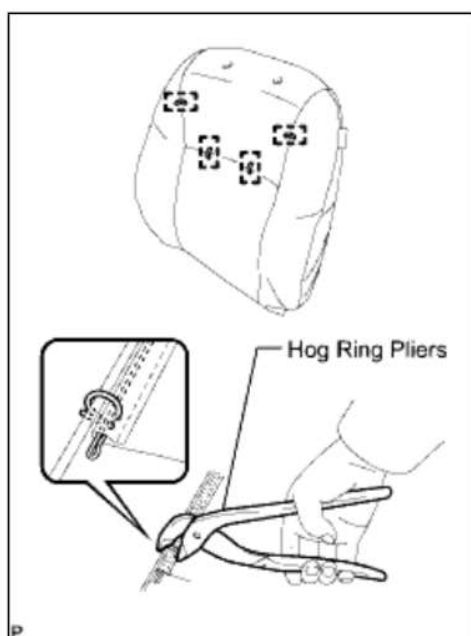
(a) Engage the 2 hooks and install the lumbar support plate.

15. INSTALL FRONT SEATBACK HEATER ASSEMBLY (w/ Seat Heater System)



- (a) Using a tacker, install the front seatback heater assembly to the end of the seatback cover with the 4 tack pins.

16. INSTALL SEPARATE TYPE FRONT SEATBACK COVER



- (a) Using hog ring pliers, install the separate type front seatback cover with 4 new hog rings.

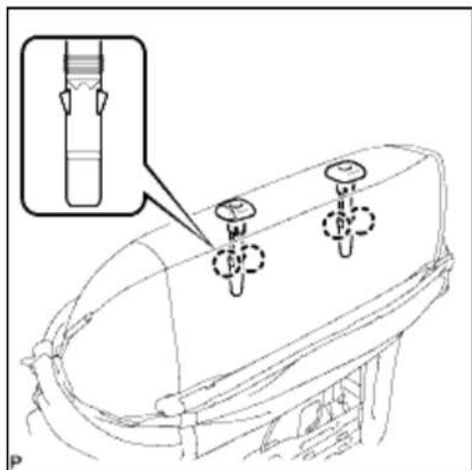
NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.

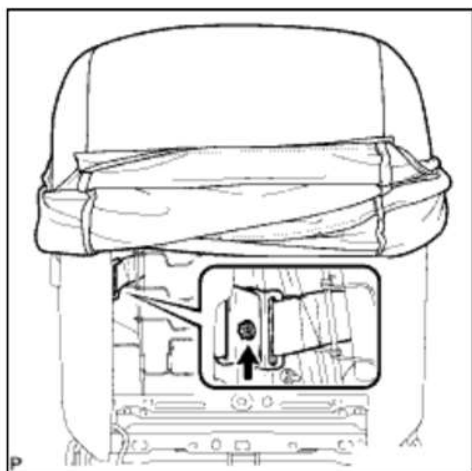
17. INSTALL FRONT SEATBACK COVER WITH PAD

- (a) Temporarily install the front seatback cover with pad to the front seat frame assembly with adjuster.

- (b) Engage the 4 claws and install the 2 front seat headrest supports.



(c) w/ Front Seat Side Airbag:



(1) Install the front seatback cover bracket with the nut.

Torque: 5.5 N·m (56 kgf·cm, 49in·lbf)

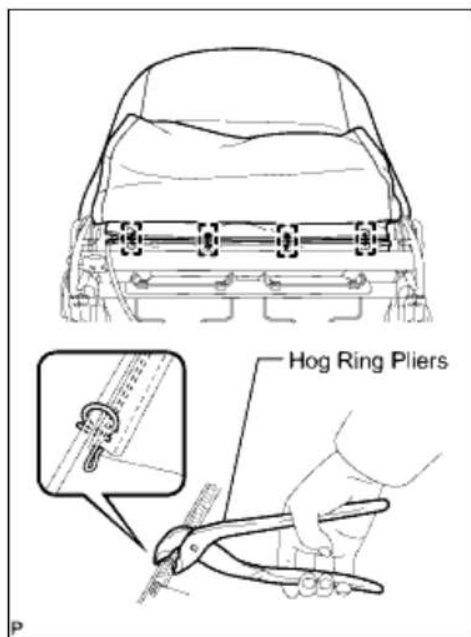
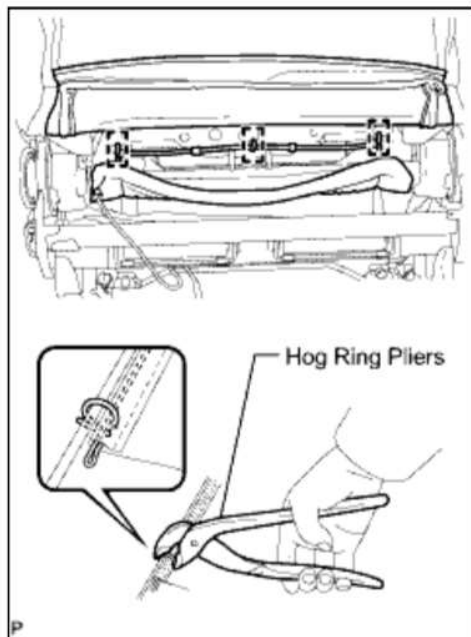
NOTICE:

- For vehicles with side airbags, the side airbags may not be activated normally unless the front seatback cover is securely installed.
- Check that the strap is not twisted after installing the bracket.
- Install the bracket securely.

(d) Using hog ring pliers, install 3 new hog rings.

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.



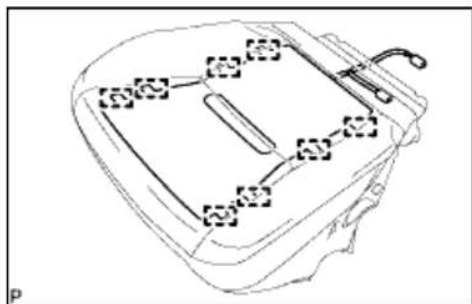
(e) Using hog ring pliers, install the front seatback cover with pad with 4 new hog rings.

NOTICE:

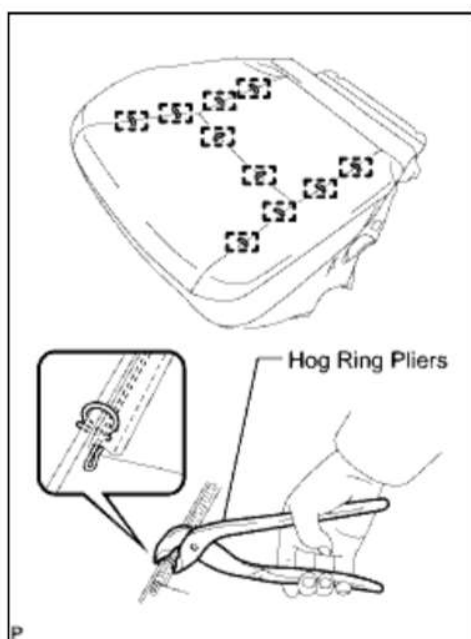
- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.

18. INSTALL FRONT SEAT CUSHION HEATER ASSEMBLY (w/ Seat Heater System)

(a) Using a tackers, install the front seat cushion heater assembly to the end of the seat cushion cover with the 8 tack pins.



19. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER

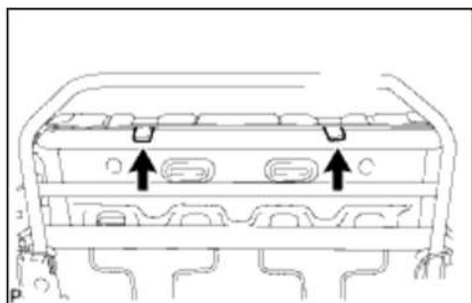


(a) Using hog ring pliers, install the separate type front seat cushion cover with 10 new hog rings.

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.

20. INSTALL FRONT SEAT CUSHION EDGE PROTECTOR

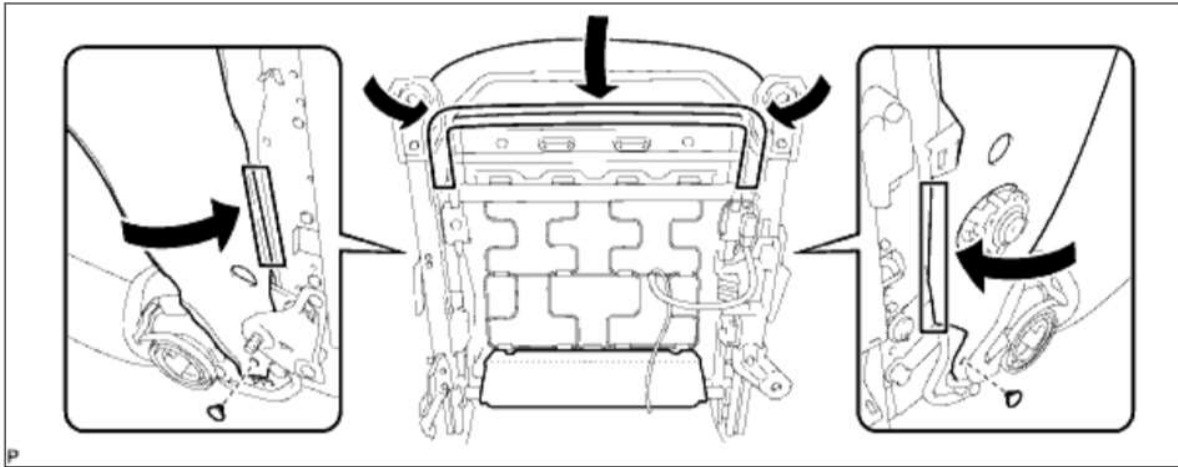


(a) Install the 2 front seat cushion edge protectors.

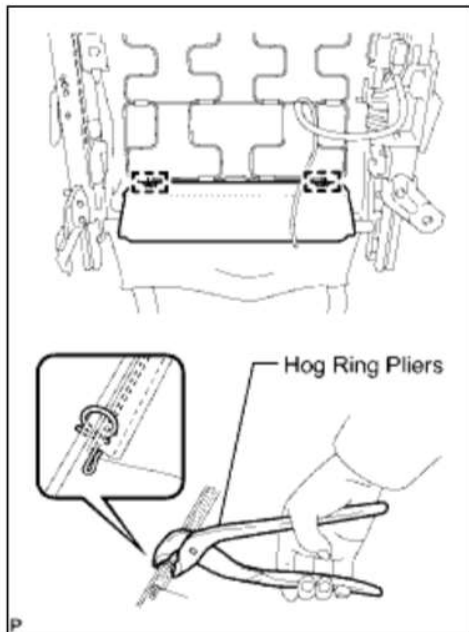
21. INSTALL FRONT SEAT CUSHION COVER WITH PAD

(a) Temporarily install the front seat cushion cover with pad to the front seat frame assembly with adjuster.

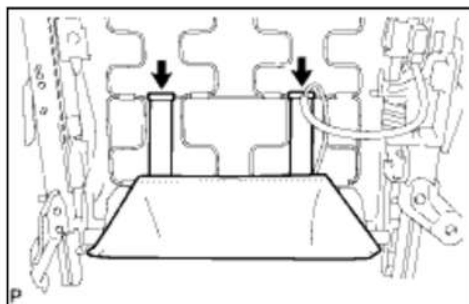
(b) Engage the hooks.



(c) Install the front seat cushion cover with pad with the 2 clips.

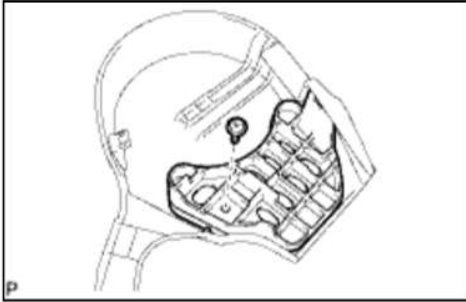


(d) Using hog ring pliers, install 2 new hog rings.



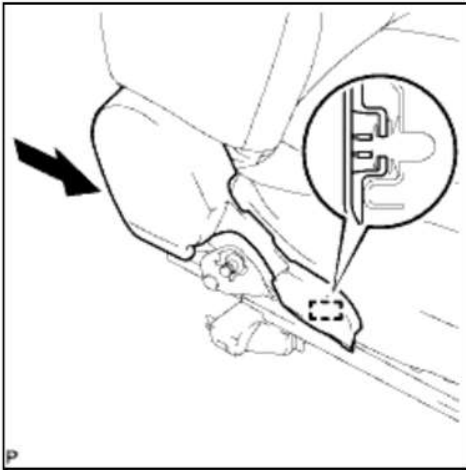
(e) Engage the 2 hooks.

22. INSTALL NO. 2 SEAT TRACK LOWER SPACER

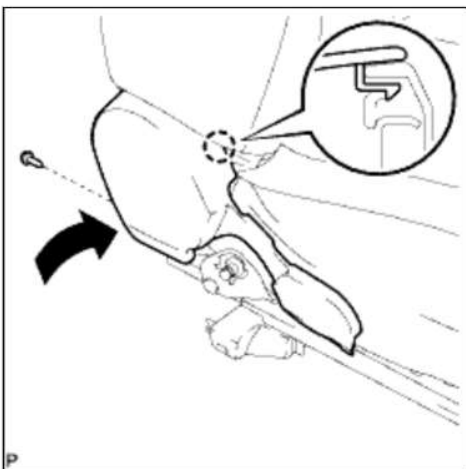


(a) Install the No. 2 seat track lower spacer with the screw.

23. INSTALL FRONT SEAT CUSHION INNER SHIELD



(a) Insert the guide and temporarily install the front seat cushion inner shield as shown in the illustration.

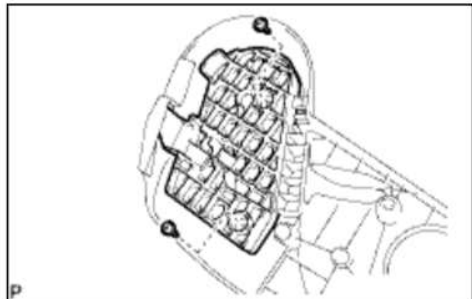


(b) Engage the claw.

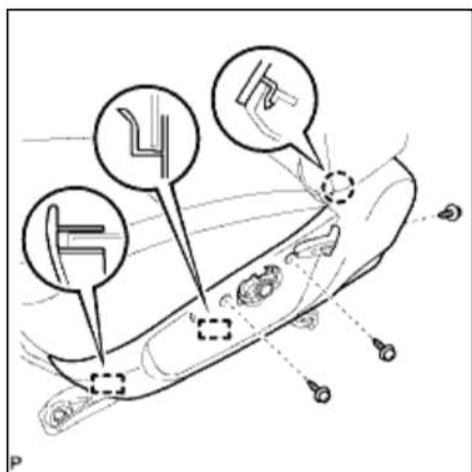
(c) Install the front seat cushion inner shield with the screw.

24. INSTALL FRONT SEAT INNER BELT ASSEMBLY

INFO

25. INSTALL NO. 1 SEAT TRACK LOWER SPACER

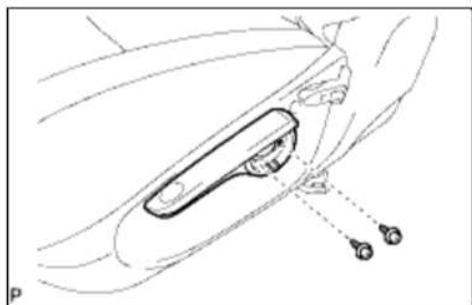
(a) Install the No. 1 seat track lower spacer with the 2 screws.

26. INSTALL FRONT SEAT CUSHION SHIELD

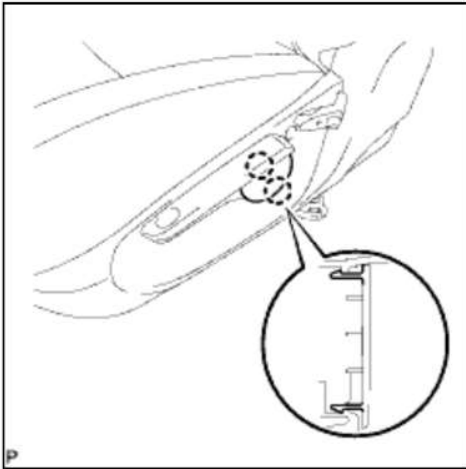
(a) Engage the 2 guides.

(b) Engage the claw.

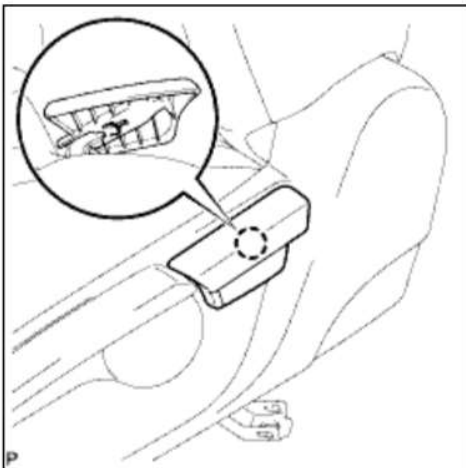
(c) Install the front seat cushion shield with the 3 screws.

27. INSTALL VERTICAL ADJUSTING HANDLE

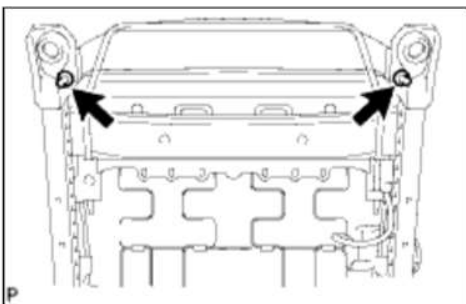
(a) Install the vertical adjusting handle with the 2 screws.

28. INSTALL VERTICAL SEAT ADJUSTER KNOB CAP

(a) Engage the 2 claws and install the vertical adjuster knob cap.

29. INSTALL RECLINING ADJUSTER RELEASE HANDLE

(a) Engage the claw and install the reclining adjuster release handle.

30. INSTALL SEAT ADJUSTER COVER CAP

(a) Install the 2 seat adjuster cover caps.



Last Modified: 3-10-2010	6.4 T	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000X0201XX
Title: SEAT: FRONT POWER SEAT CONTROL SYSTEM: 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.

Front Power Seat Control System

SYMPTOM	SUSPECTED AREA	SEE PAGE
Power seat does not operate (slide, lifter, reclining, front vertical).	PWR SEAT fuse	-
	Power seat switch	INFO
	Wire harness or connector	-
Only slide operation function does not operate.	Power seat switch	INFO
	Front seat assembly (slide motor)	INFO
	Wire harness or connector	-
Only lifter operation function does not operate.	Power seat switch	INFO
	Front seat assembly (lifter motor)	INFO
	Wire harness or connector	-
Only reclining operation function does not operate.	Power seat switch	INFO
	Front seat assembly (reclining motor)	INFO
	Wire harness or connector	-
Only front vertical operation does not operate.	Power seat switch	INFO
	Front seat assembly (front vertical motor)	INFO
	Wire harness or connector	-
Only lumbar support operation function does not operate.	Front power seat lumbar switch	INFO
	Lumbar support adjuster assembly	INFO
	Wire harness or connector	-



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000Z8U02UX
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): REMOVAL (2010 Corolla)		

REMOVAL

1. PRECAUTION

CAUTION:

Be sure to read Precaution thoroughly before servicing .

NOTICE:

When replacing the occupant classification ECU, perform registration .

2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL (w/ Front Seat Side Airbag)

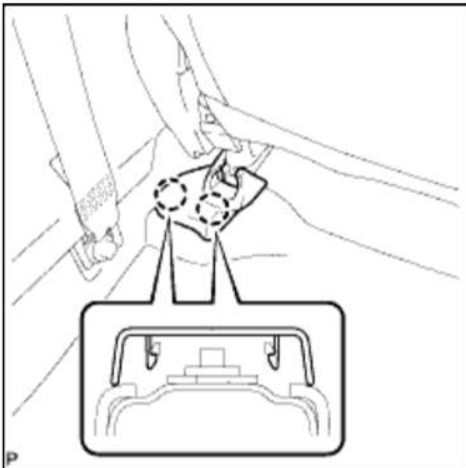
CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system .

3. REMOVE FRONT SEAT HEADREST ASSEMBLY

4. REMOVE OUTER SEAT TRACK COVER

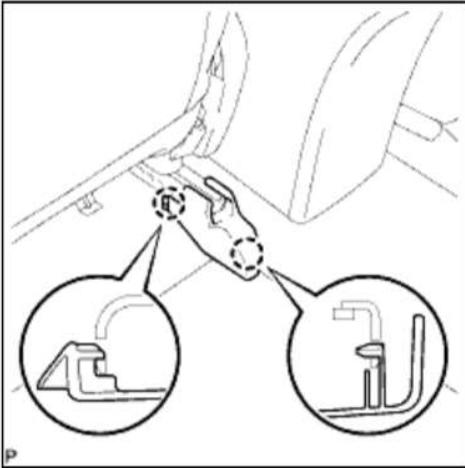
- (a) Lift up the seat track adjusting handle and move the seat to the foremost position.



- (b) Disengage the 2 claws and remove the outer seat track cover.

5. REMOVE INNER SEAT TRACK COVER

- (a) Disengage the 2 claws and remove the inner seat track cover.



6. REMOVE FRONT SEAT ASSEMBLY



(a) Remove the 2 bolts on the rear side of the seat.

(b) Lift up the seat track adjusting handle and move the seat to the rearmost position.

(c) Remove the 2 bolts on the front side of the seat.



- (d) Lift up the seat track adjusting handle and move the seat to the center position. Also, operate the reclining adjuster release handle and move the seatback to the upright position.
- (e) Disconnect the connectors under the front seat assembly.
- (f) Remove the front seat assembly.

NOTICE:

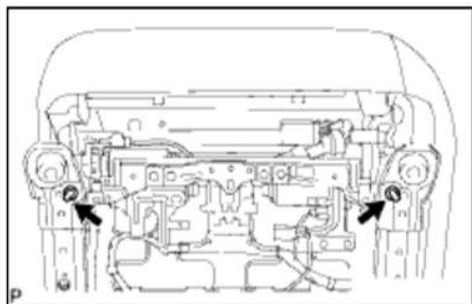
Be careful not to damage the vehicle body.



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000ARA00EX
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): DISASSEMBLY (2010 Corolla)		

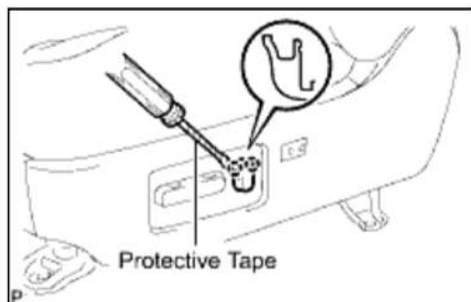
DISASSEMBLY

1. REMOVE SEAT ADJUSTER COVER CAP



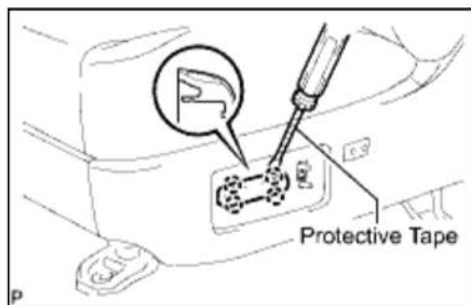
(a) Remove the 2 seat adjuster cover caps.

2. REMOVE RECLINING POWER SEAT SWITCH KNOB



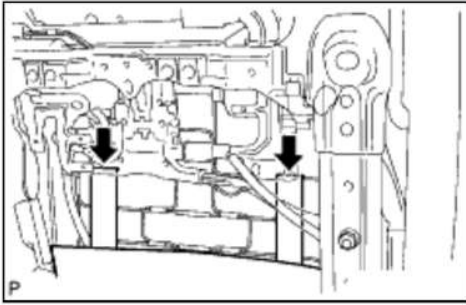
(a) Using a screwdriver with the tip taped, disengage the 2 claws and remove the reclining power seat switch knob.

3. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB

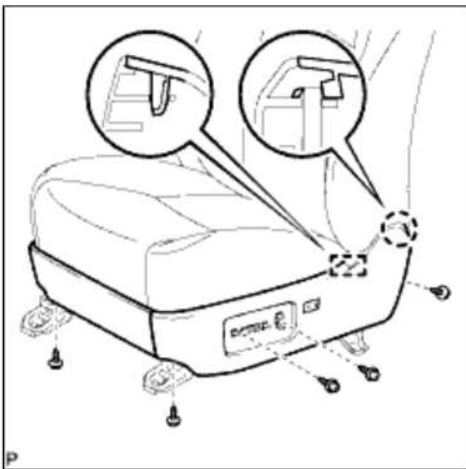


(a) Using a screwdriver with the tip taped, disengage the 4 claws and remove the slide and vertical power seat switch knob.

4. REMOVE FRONT SEAT CUSHION SHIELD ASSEMBLY



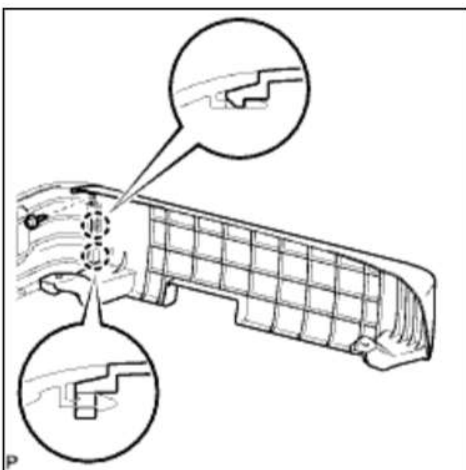
(a) Remove the 2 hooks.



(b) Remove the 5 screws.

(c) Disengage the claw and the guide and remove the front seat cushion shield assembly.

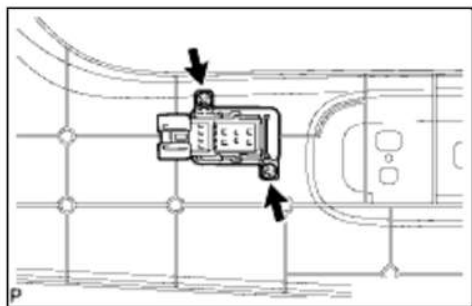
5. REMOVE NO. 1 FRONT SEAT CUSHION INNER SHIELD



(a) Remove the screw.

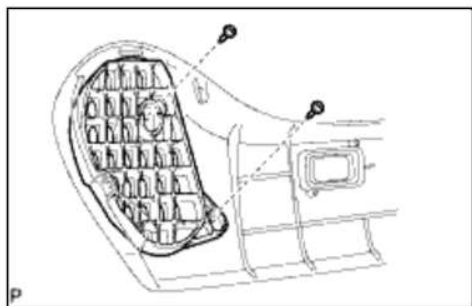
(b) Disengage the 2 claws and remove the No. 1 front seat cushion inner shield.

6. REMOVE LUMBAR SWITCH



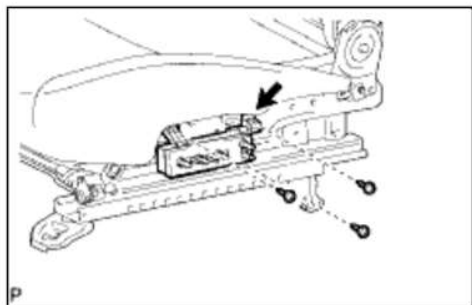
(a) Remove the 2 screws and the lumbar switch.

7. REMOVE NO. 1 SEAT TRACK LOWER SPACER



(a) Remove the 2 screws and the No. 1 seat track lower spacer.

8. REMOVE POWER SEAT SWITCH



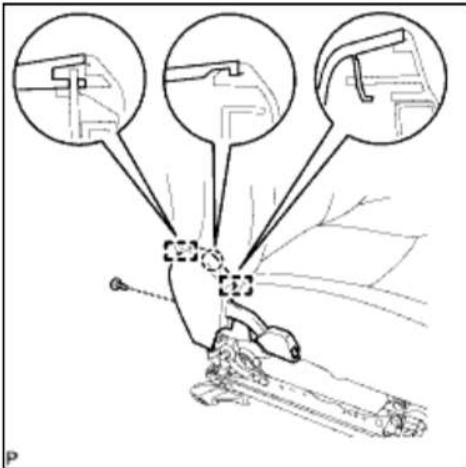
(a) Remove the 3 screws.

(b) Disconnect the connector and remove the power seat switch.

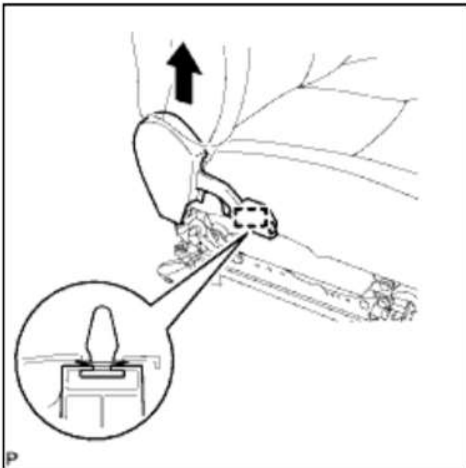
9. REMOVE FRONT SEAT INNER BELT ASSEMBLY INFO

10. REMOVE FRONT SEAT CUSHION INNER SHIELD

(a) Remove the screw.

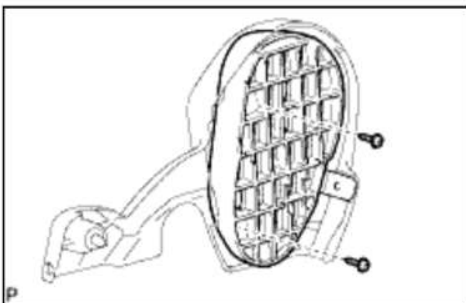


(b) Disengage the claw and the 2 guides.



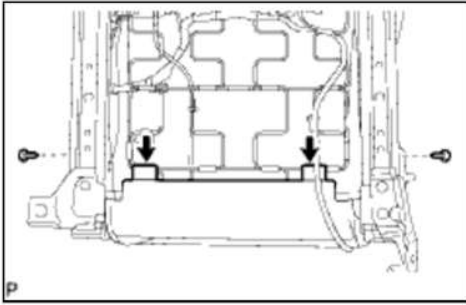
(c) Separate the guide and remove the front seat cushion inner shield as shown in the illustration.

11. REMOVE NO. 2 SEAT TRACK LOWER SPACER



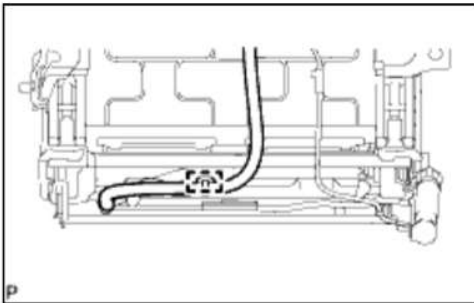
(a) Remove the 2 screws and the No. 2 seat track lower spacer.

12. REMOVE FRONT SEAT CUSHION COVER WITH PAD

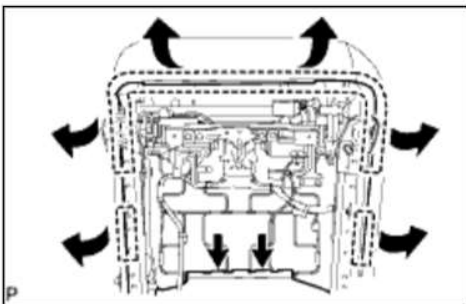


(a) Remove the 2 clips.

(b) Disengage the 2 hooks.

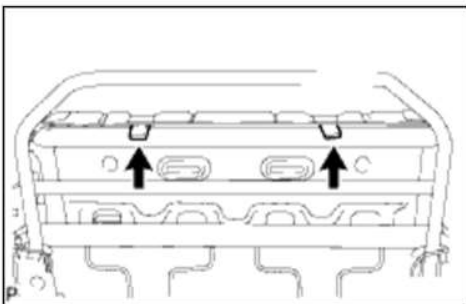


(c) Disengage the clamp.



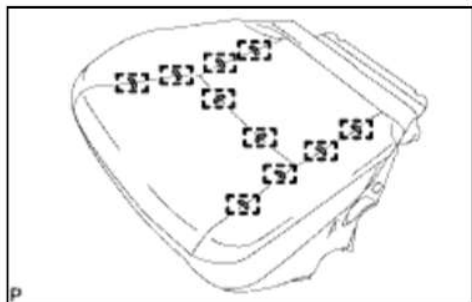
(d) Disengage the hooks and the front seat cushion cover with pad.

13. REMOVE FRONT SEAT CUSHION EDGE PROTECTOR



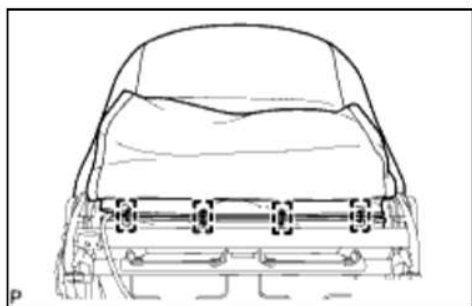
(a) Remove the 2 front seat cushion edge protectors.

14. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER

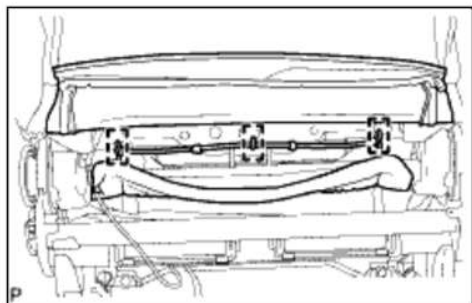


(a) Remove the 10 hog rings and the separate type front seat cushion cover.

15. REMOVE FRONT SEATBACK COVER WITH PAD

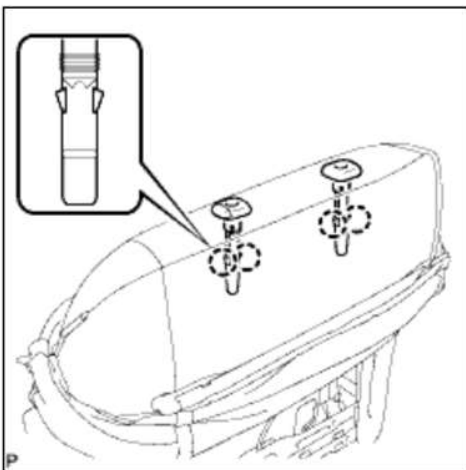


(a) Remove the 4 hog rings.



(b) Remove the 3 hog rings.

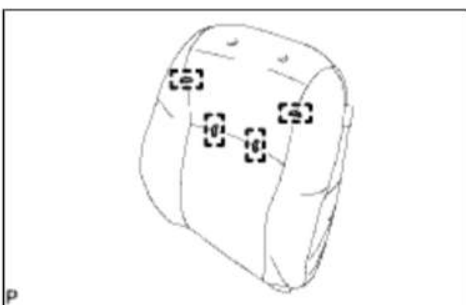
(c) Turn back the separate type front seatback cover to remove the nut, and separate the bracket of the separate type front seatback cover RH.



(d) Disengage the 4 claws and remove the 2 front seat headrest supports.

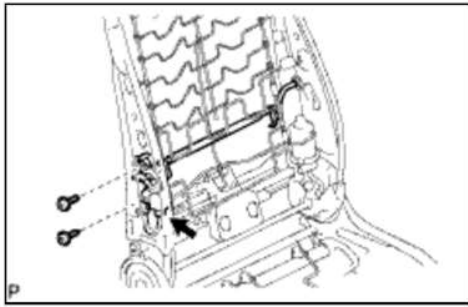
(e) Remove the separate type front seatback cover with pad from the front seat frame assembly with adjuster.

16. REMOVE SEPARATE TYPE FRONT SEATBACK COVER



(a) Remove the 4 hog rings and the separate type front seatback cover.

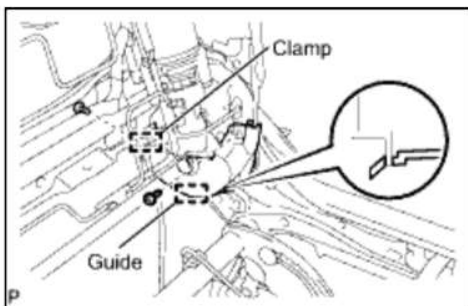
17. REMOVE LUMBAR SUPPORT ADJUSTER ASSEMBLY



(a) Disconnect the connector.

(b) Remove the 2 screws and the lumbar support adjuster assembly.

18. REMOVE RECLINING ADJUSTER INSIDE COVER LH

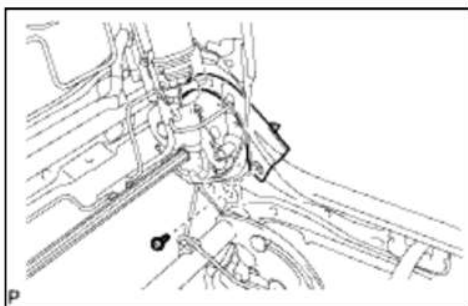


(a) Remove the 2 screws.

(b) Disengage the guide.

(c) Disengage the clamp and remove the reclining adjuster inside cover LH.

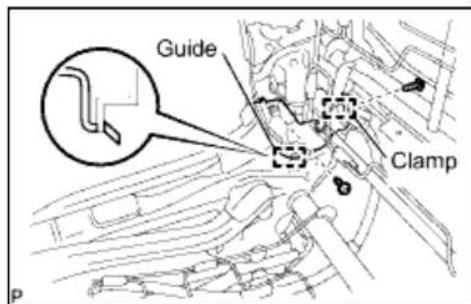
19. REMOVE RECLINING ADJUSTER INSIDE COVER LH



(a) Remove the screw and the reclining adjuster inside cover LH.

20. REMOVE RECLINING ADJUSTER INSIDE COVER RH

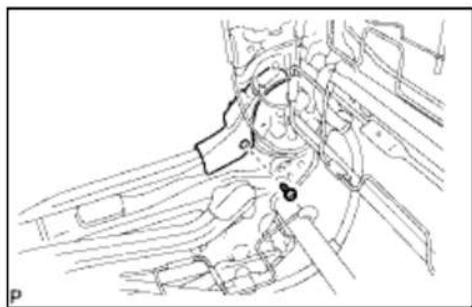
(a) Remove the 2 screws.



(b) Disengage the guide.

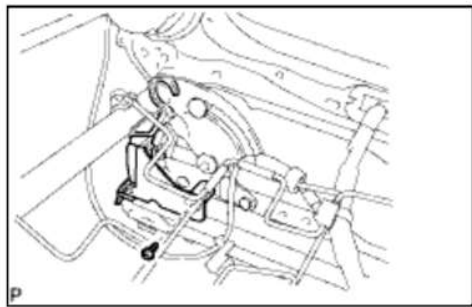
(c) Disengage the clamp and remove the reclining adjuster inside cover RH.

21. REMOVE RECLINING ADJUSTER INSIDE COVER RH



(a) Remove the screw and the reclining adjuster inside cover RH.

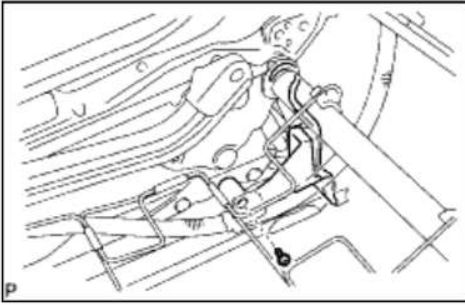
22. REMOVE FRONT SEAT LOWER CUSHION SHIELD LH



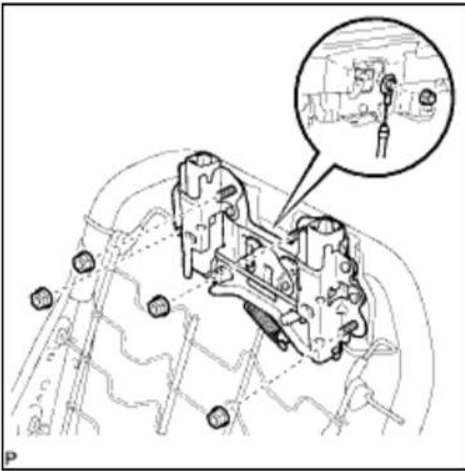
(a) Remove the screw and the front seat lower cushion shield LH.

23. REMOVE FRONT SEAT LOWER CUSHION SHIELD RH

(a) Remove the screw and the front seat lower cushion shield RH.



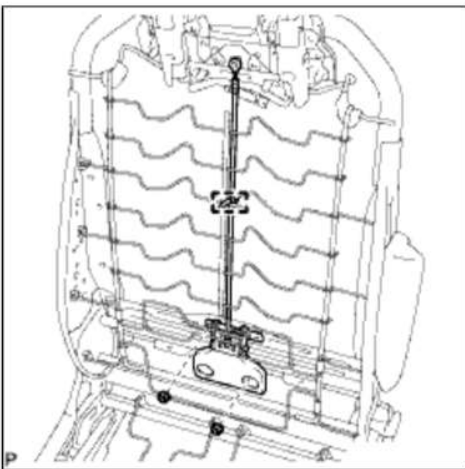
24. REMOVE ACTIVE HEADREST UPPER UNIT



(a) Remove the nut and disconnect the cable from the active headrest upper unit as shown in the illustration.

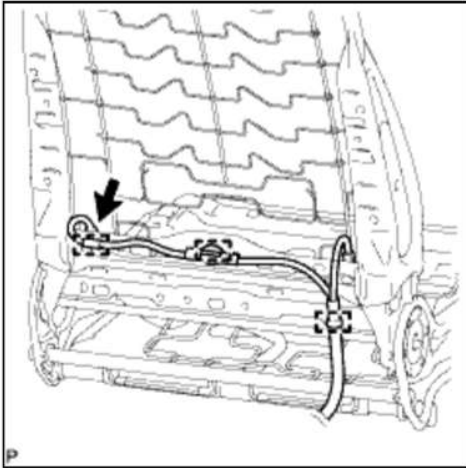
(b) Remove the 4 nuts and the active headrest upper unit.

25. REMOVE ACTIVE HEADREST LOWER UNIT



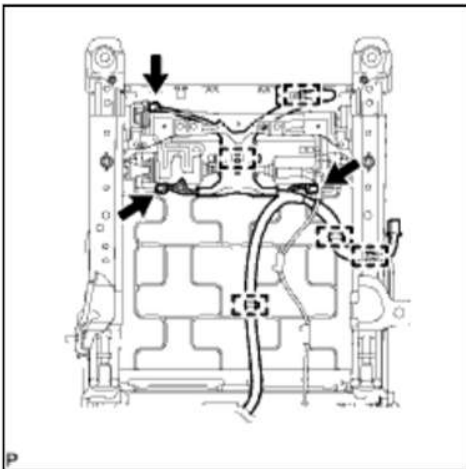
(a) Remove the clamp.

(b) Remove the 2 nuts and the active headrest lower unit.

26. REMOVE SEAT POSITION SENSOR**27. REMOVE FRONT SEAT WIRE**

(a) Disconnect the connector.

(b) Disengage the 3 clamps.



(c) Disconnect the 3 connectors.

(d) Disengage the 5 clamps and remove the front seat wire.



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000Z8T03CX
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): INSTALLATION (2010 Corolla)		

INSTALLATION

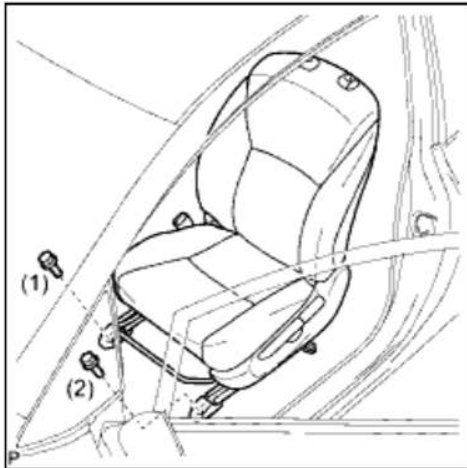
1. INSTALL FRONT SEAT ASSEMBLY

- (a) Place the front seat assembly in the cabin.

NOTICE:

Be careful not to damage the vehicle body.

- (b) Connect the connectors under the seat.
(c) Temporarily install the front seat assembly with the 4 bolts.
(d) Lift up the seat track adjusting handle and move the seat to the rearmost position.



- (e) Tighten the 2 bolts on the front side of the seat.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

HINT:

Tighten the bolts in the order indicated in the illustration.

- (f) Lift up the seat track adjusting handle and move the seat to the foremost position.



- (g) Tighten the 2 bolts on the rear side of the seat.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

HINT:

Tighten the bolts in the order indicated in the illustration.

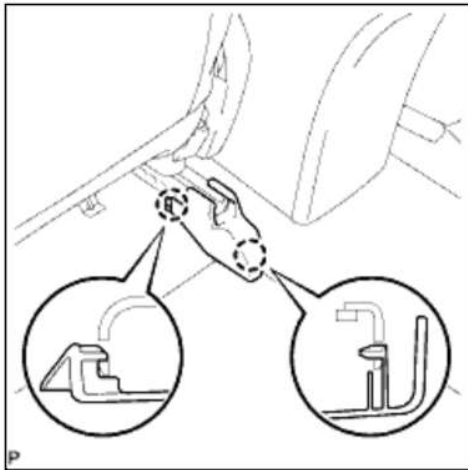
2. INSPECT FRONT SEAT SLIDE ADJUSTER LOCK

- (a) While sliding the front seat, check that the left and right adjusters move together smoothly and lock simultaneously.

If the seat adjusters do not lock simultaneously, loosen the bolts securing the seat to adjust the adjuster position.

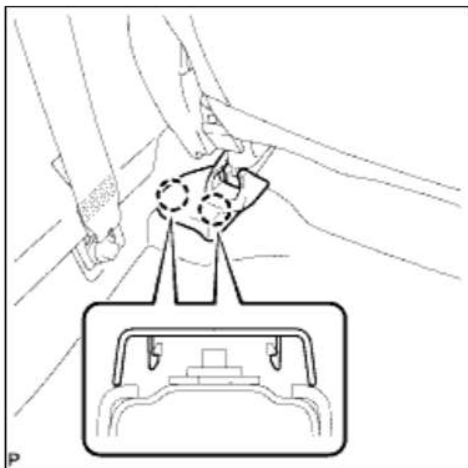
3. INSTALL INNER SEAT TRACK COVER

- (a) Lift up the seat track adjusting handle and move the seat to the rearmost position.



- (b) Engage the 2 claws and install the inner seat track cover.

4. INSTALL OUTER SEAT TRACK COVER



- (a) Engage the 2 claws and install the outer seat track cover.

5. INSTALL FRONT SEAT HEADREST ASSEMBLY

6. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL (w/ Front Seat Side Airbag)

7. PERFORM REGISTRATION

HINT:

If the occupant classification ECU has been replaced, perform registration  .

8. ZERO POINT CALIBRATION AND SENSITIVITY CHECK

HINT:

If the occupant classification ECU has been replaced, perform zero point calibration and sensitivity check



9. INSPECT SRS WARNING LIGHT (w/ Front Seat Side Airbag)

HINT:

Inspect the SRS warning light  .

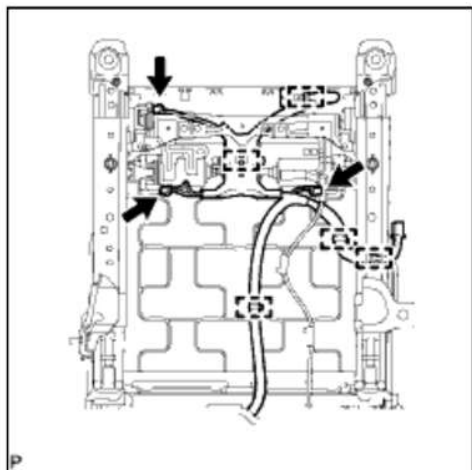


TOYOTA

Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000ARB00EX
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): REASSEMBLY (2010 Corolla)		

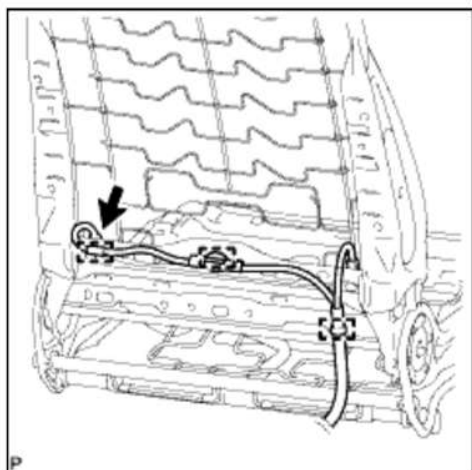
REASSEMBLY

1. INSTALL FRONT SEAT WIRE



(a) Engage the 5 clamps.

(b) Connect the 3 connectors.



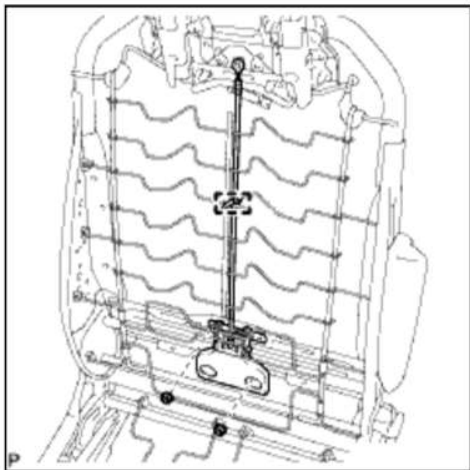
(c) Engage the 3 clamps and install the front seat wire.

(d) Connect the connector.

2. INSTALL SEAT POSITION SENSOR

3. INSTALL ACTIVE HEADREST LOWER UNIT

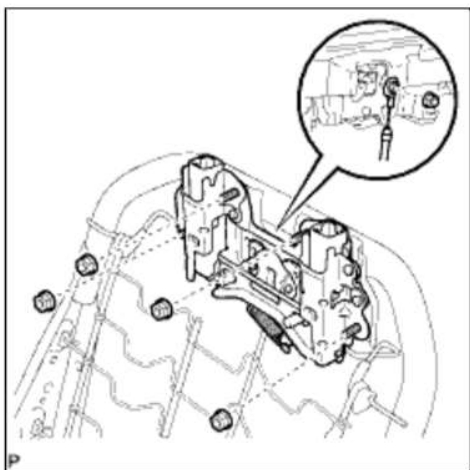
(a) Install the 2 nuts.



Torque: 5.0 N·m (51 kgf·cm, 44in·lbf)

(b) Install the active headrest lower unit with new clamp.

4. INSTALL ACTIVE HEADREST UPPER UNIT



(a) Install the 4 nuts and the active headrest upper unit.

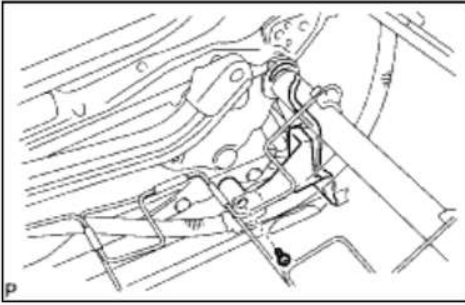
Torque: 14 N·m (143 kgf·cm, 10ft·lbf)

(b) Install the nut and connect the cable to the active headrest upper unit as shown in the illustration.

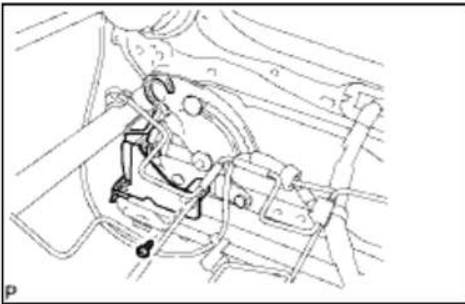
Torque: 5.0 N·m (51 kgf·cm, 44in·lbf)

5. INSTALL FRONT SEAT LOWER CUSHION SHIELD RH

(a) Install the front seat lower cushion shield RH with the screw.

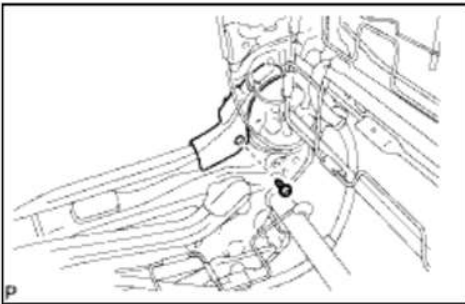


6. INSTALL FRONT SEAT LOWER CUSHION SHIELD LH



(a) Install the front seat lower cushion shield LH with the screw.

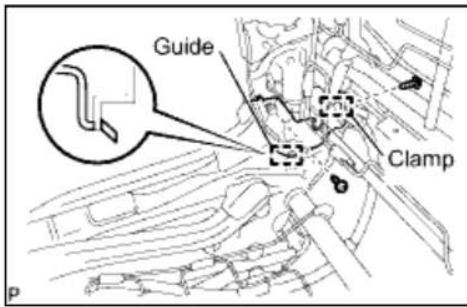
7. INSTALL RECLINING ADJUSTER INSIDE COVER RH



(a) Install the reclining adjuster inside cover RH with the screw.

8. INSTALL RECLINING ADJUSTER INSIDE COVER RH

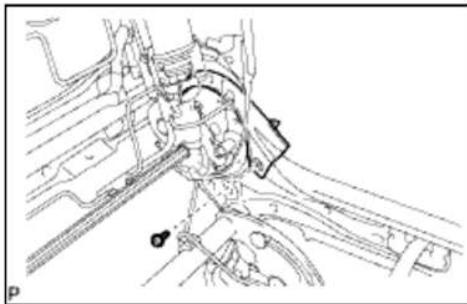
(a) Engage the guide.



(b) Install the reclining adjuster inside cover RH with the 2 screws.

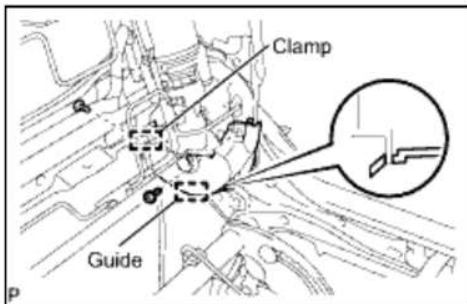
(c) Engage the clamp.

9. INSTALL RECLINING ADJUSTER INSIDE COVER LH



(a) Install the reclining adjuster inside cover LH with the screw.

10. INSTALL RECLINING ADJUSTER INSIDE COVER LH



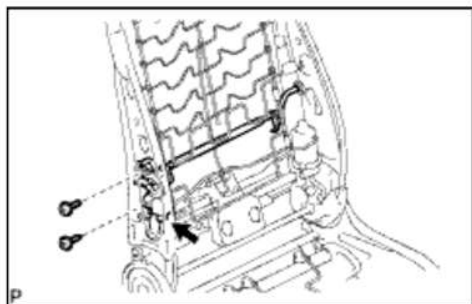
(a) Engage the guide.

(b) Install the reclining adjuster inside cover LH with the 2 screws.

(c) Engage the clamp.

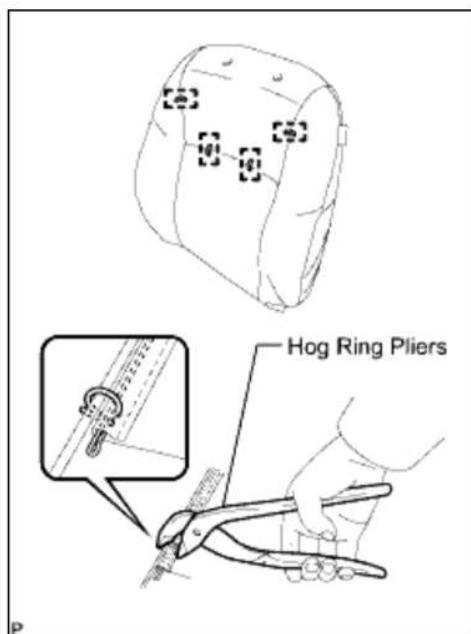
11. INSTALL LUMBAR SUPPORT ADJUSTER ASSEMBLY

(a) Install the lumbar support adjuster assembly with the 2 screws.



(b) Connect the connector.

12. INSTALL SEPARATE TYPE FRONT SEATBACK COVER



(a) Using hog ring pliers, install the separate type front seatback cover with 4 new hog rings.

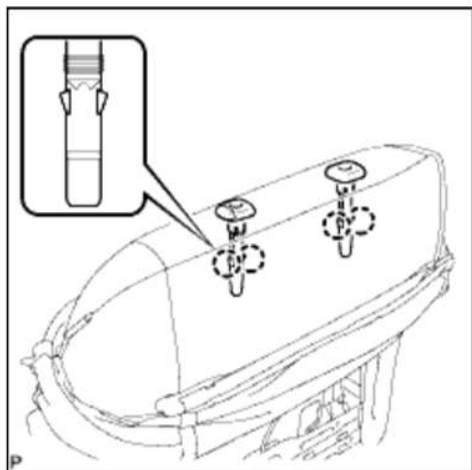
NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.

13. INSTALL FRONT SEATBACK COVER WITH PAD

(a) Temporarily install the front seatback cover with pad to the front seat frame assembly with adjuster.

(b) Engage the 4 claws and install the 2 front seat headrest supports.



(c) Install the front seatback cover bracket with the nut.

Torque: 5.5 N·m (56 kgf·cm, 49in·lbf)

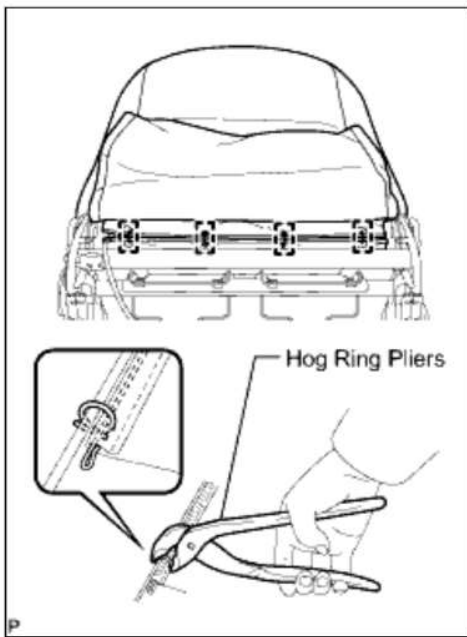
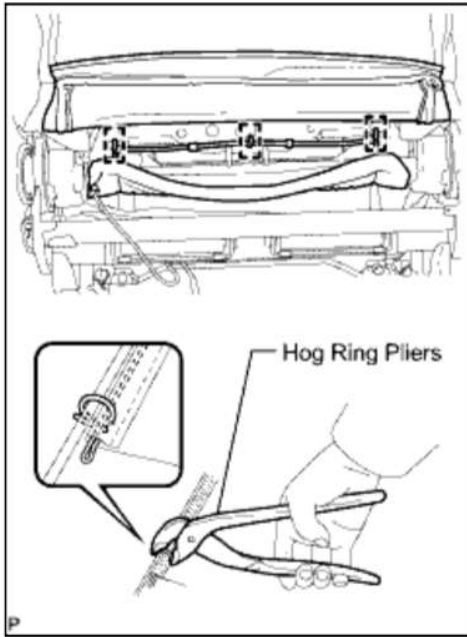
NOTICE:

- For vehicles with side airbags, the side airbags may not be activated normally unless the front seatback cover is securely installed.
- Check that the strap is not twisted after installing the bracket.
- Install the bracket securely.

(d) Using hog ring pliers, install 3 new hog rings.

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.



(e) Using hog ring pliers, install 4 new hog rings.

NOTICE:

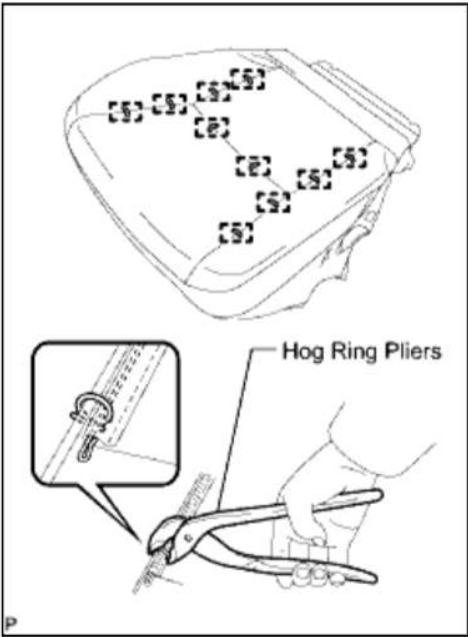
- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.

14. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER

(a) Using hog ring pliers, install the separate type front seat cushion cover with 10 new hog rings.

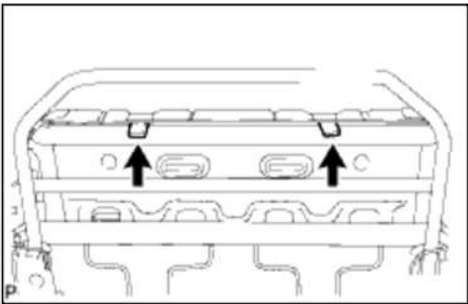
NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize



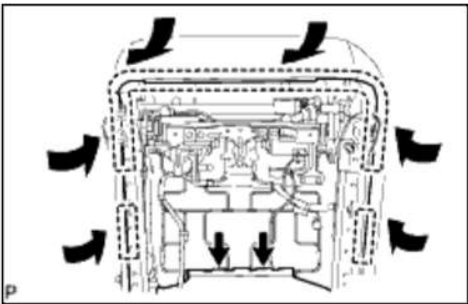
wrinkles as much as possible.

15. INSTALL FRONT SEAT CUSHION EDGE PROTECTOR



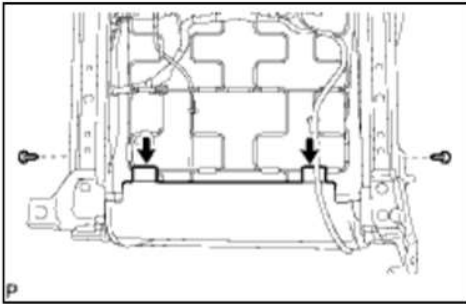
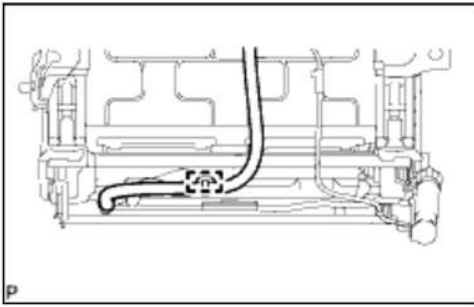
(a) Install the 2 front seat cushion edge protectors.

16. INSTALL FRONT SEAT CUSHION COVER WITH PAD



(a) Engage the hooks.

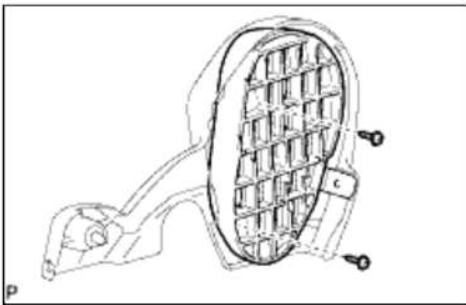
(b) Engage the clamp.



(c) Engage the 2 hooks.

(d) Install the 2 clips and the front seat cushion cover with pad.

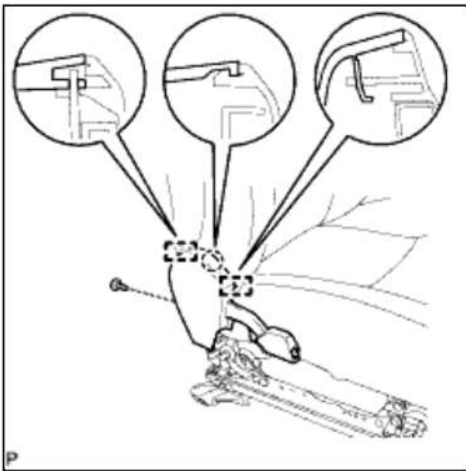
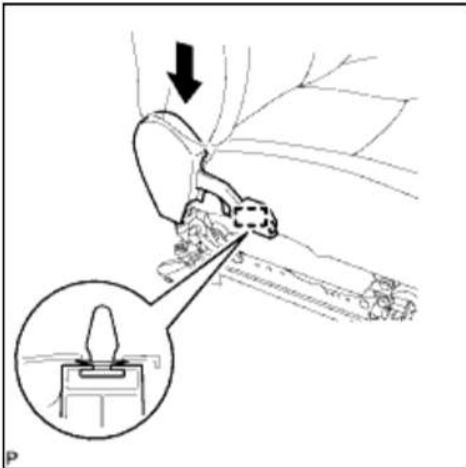
17. INSTALL NO. 2 SEAT TRACK LOWER SPACER



(a) Install the 2 screws and the No. 2 seat track lower spacer.

18. INSTALL FRONT SEAT CUSHION INNER SHIELD

(a) Insert the guide and temporarily install the front seat cushion inner shield as shown in the illustration.

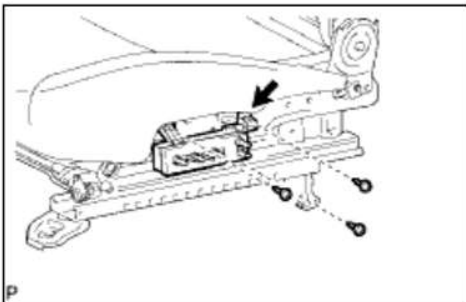


(b) Engage the claw and the 2 guides.

(c) Install the front seat cushion inner shield with the screw.

19. INSTALL FRONT SEAT INNER BELT ASSEMBLY

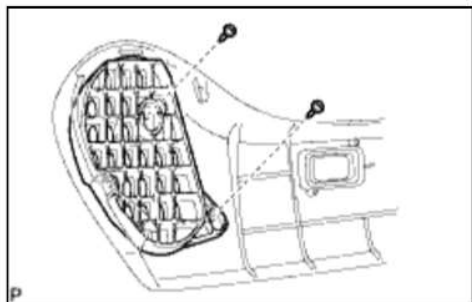
20. INSTALL POWER SEAT SWITCH



(a) Connect the connector.

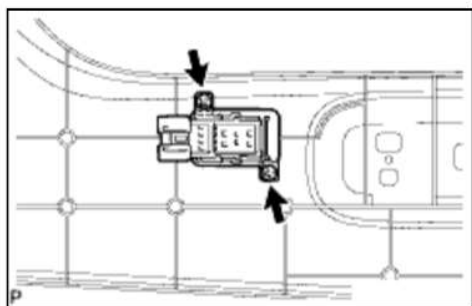
(b) Install the power seat switch with the 3 screws.

21. INSTALL NO. 1 SEAT TRACK LOWER SPACER



(a) Install the 2 screws and the No. 1 seat track lower spacer.

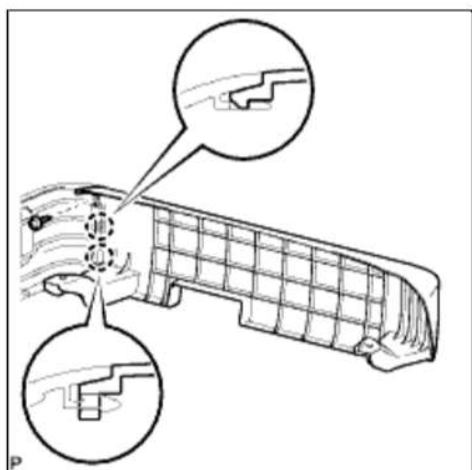
22. INSTALL LUMBAR SWITCH



(a) Install the lumbar switch with the 2 screws.

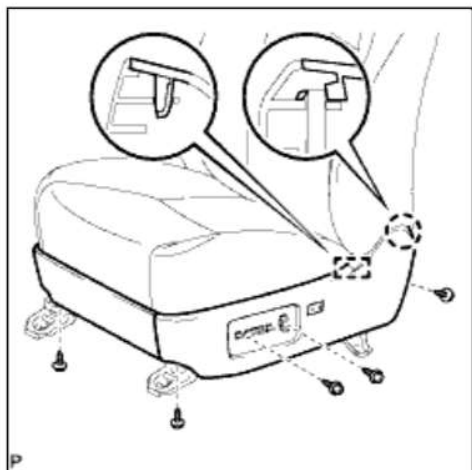
23. INSTALL NO. 1 FRONT SEAT CUSHION INNER SHIELD

(a) Engage the 2 claws.



(b) Install the No. 1 front seat cushion inner shield with the screw.

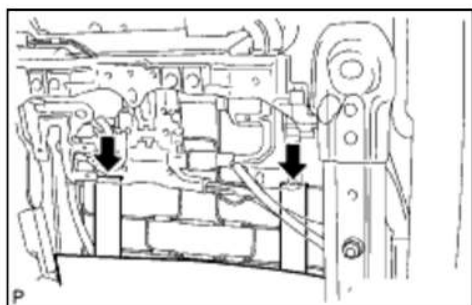
24. INSTALL FRONT SEAT CUSHION SHIELD ASSEMBLY



(a) Connect the connector to the front power seat lumbar switch.

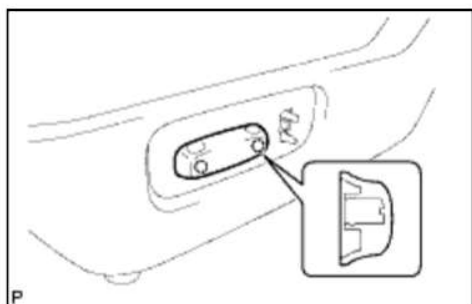
(b) Engage the claw and the guide.

(c) Install the front seat cushion shield assembly with the 5 screws.



(d) Install the 2 hooks.

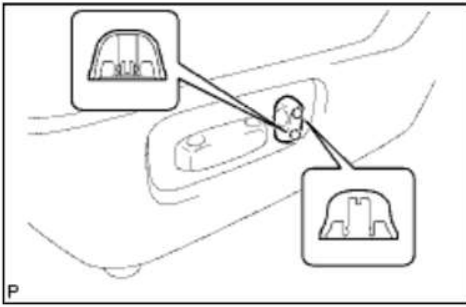
25. INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB



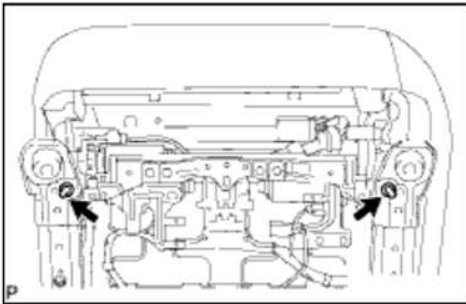
(a) Engage the 2 claws and install the slide and vertical power seat switch knob.

26. INSTALL RECLINING POWER SEAT SWITCH KNOB

(a) Engage the 2 claws and install the reclining power seat switch knob.



27. INSTALL SEAT ADJUSTER COVER CAP



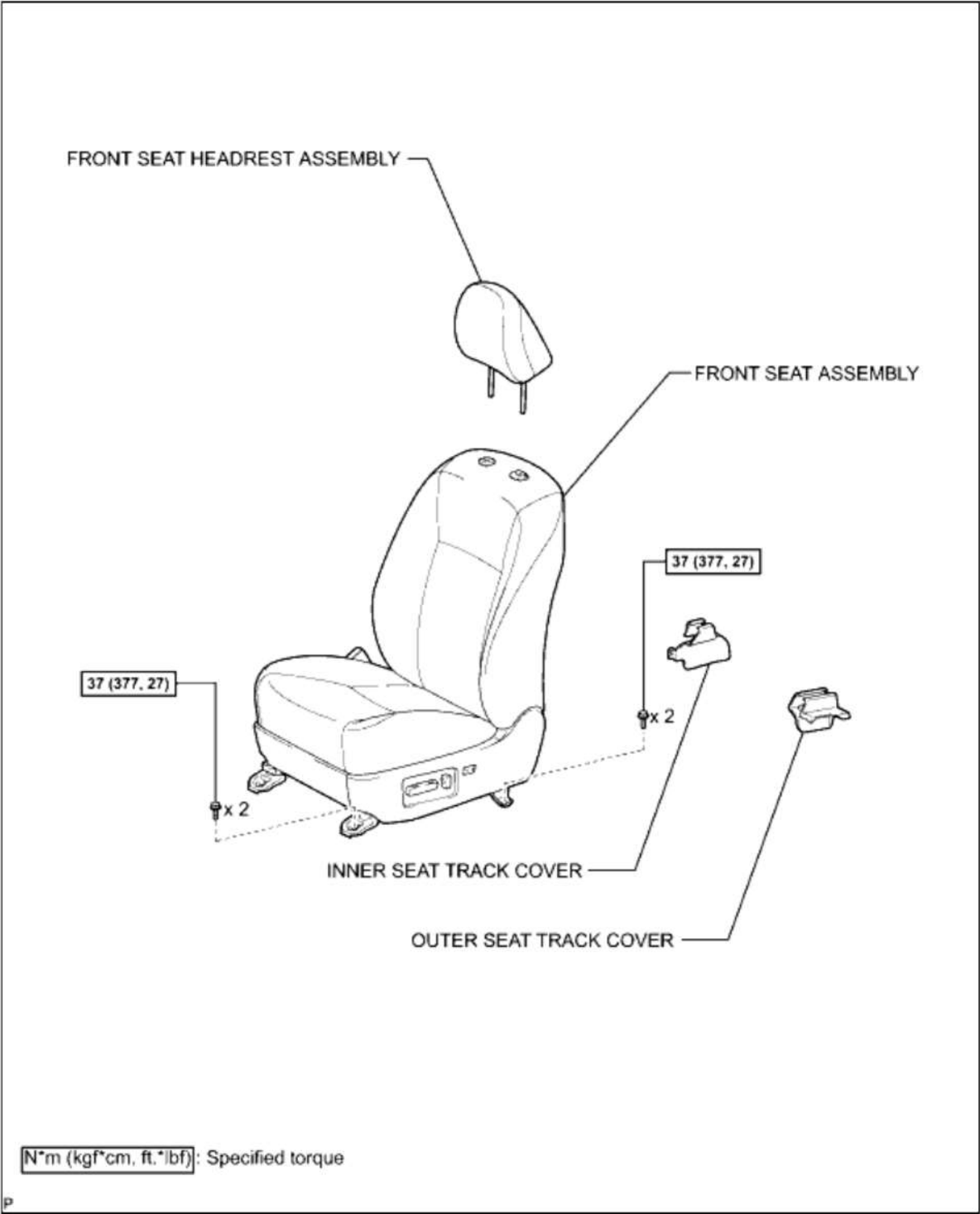
(a) Install the 2 seat adjuster cover caps.



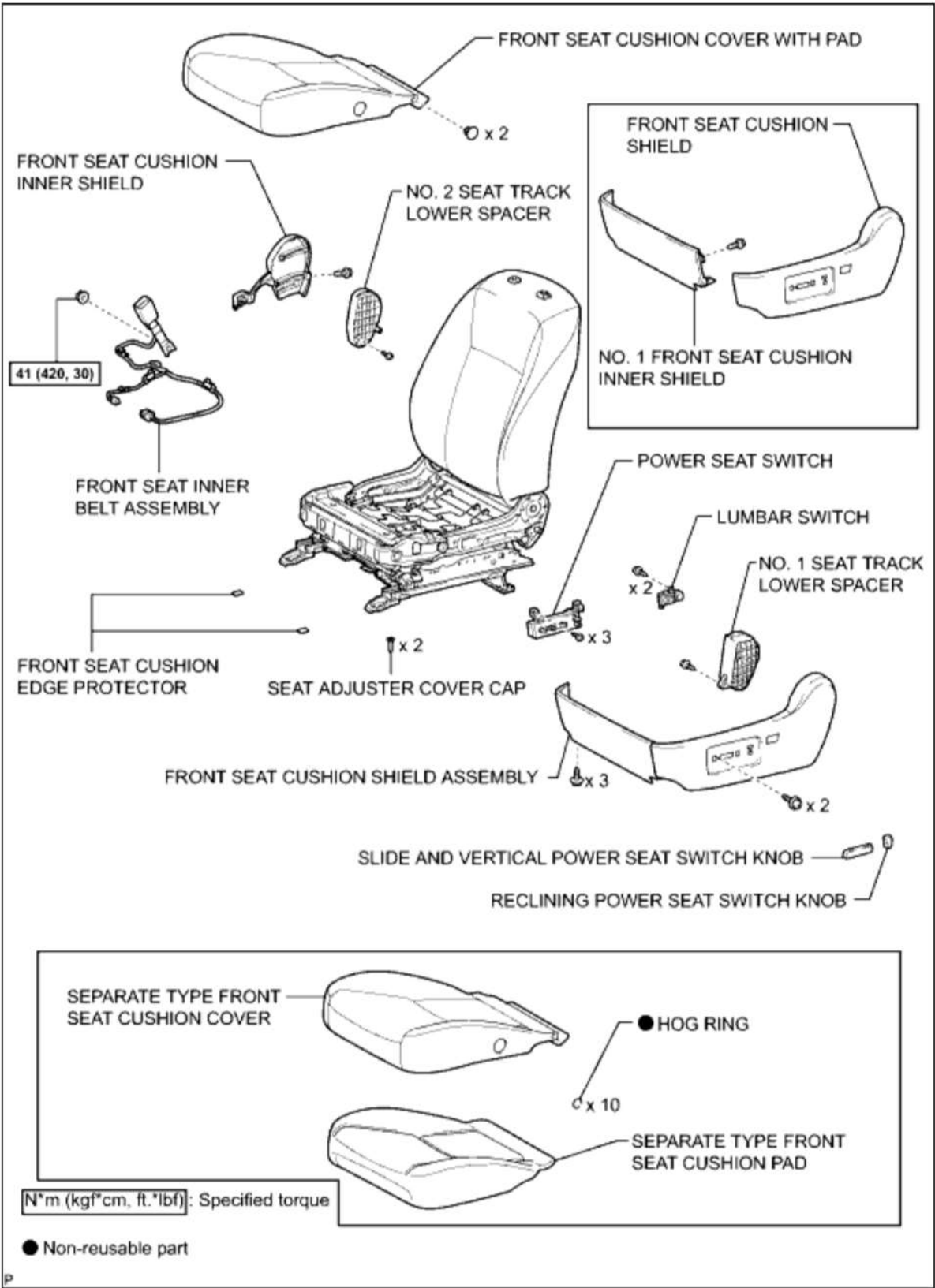
Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000AR800EX
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): COMPONENTS (2010 Corolla)		

COMPONENTS

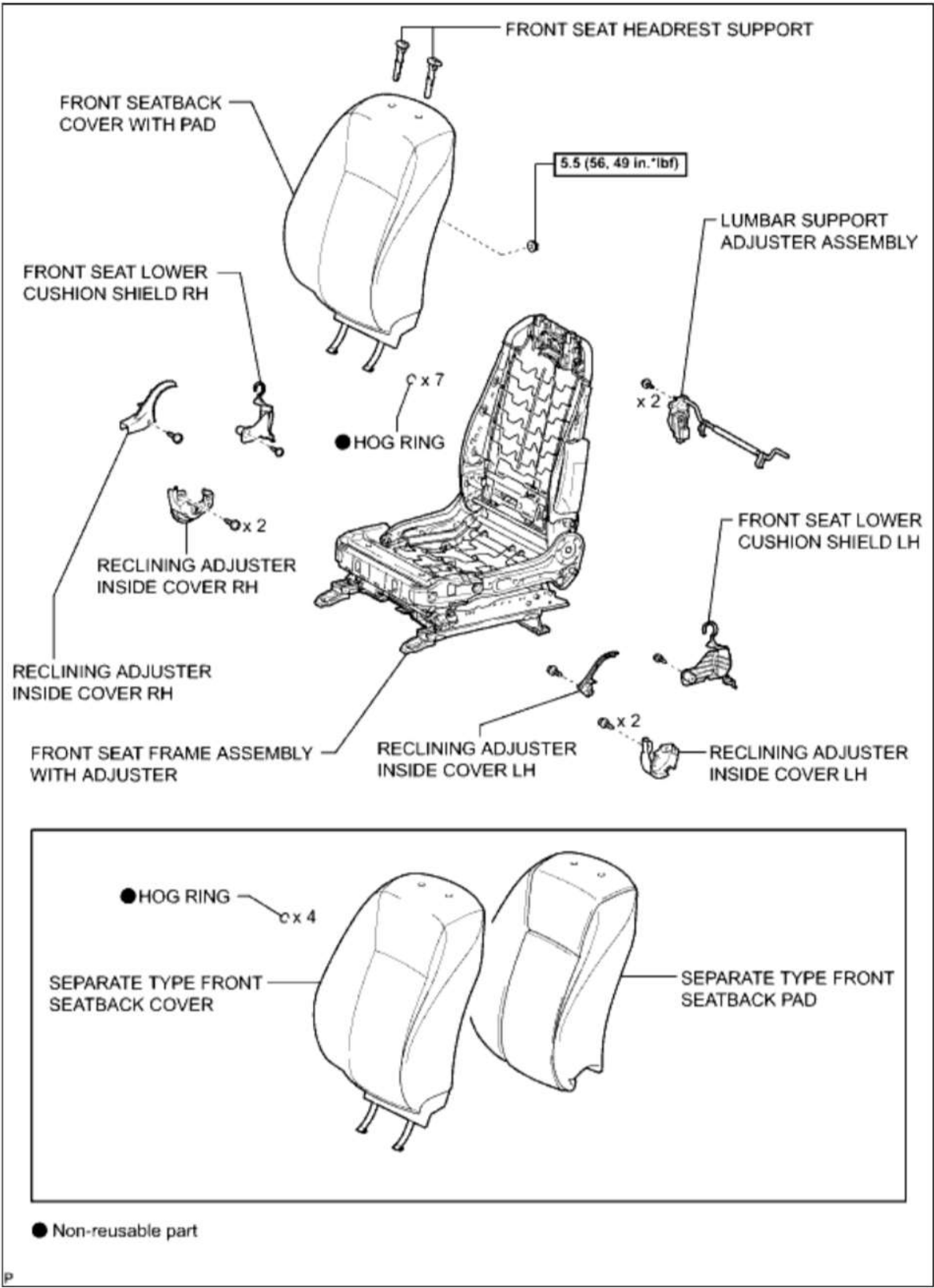
ILLUSTRATION



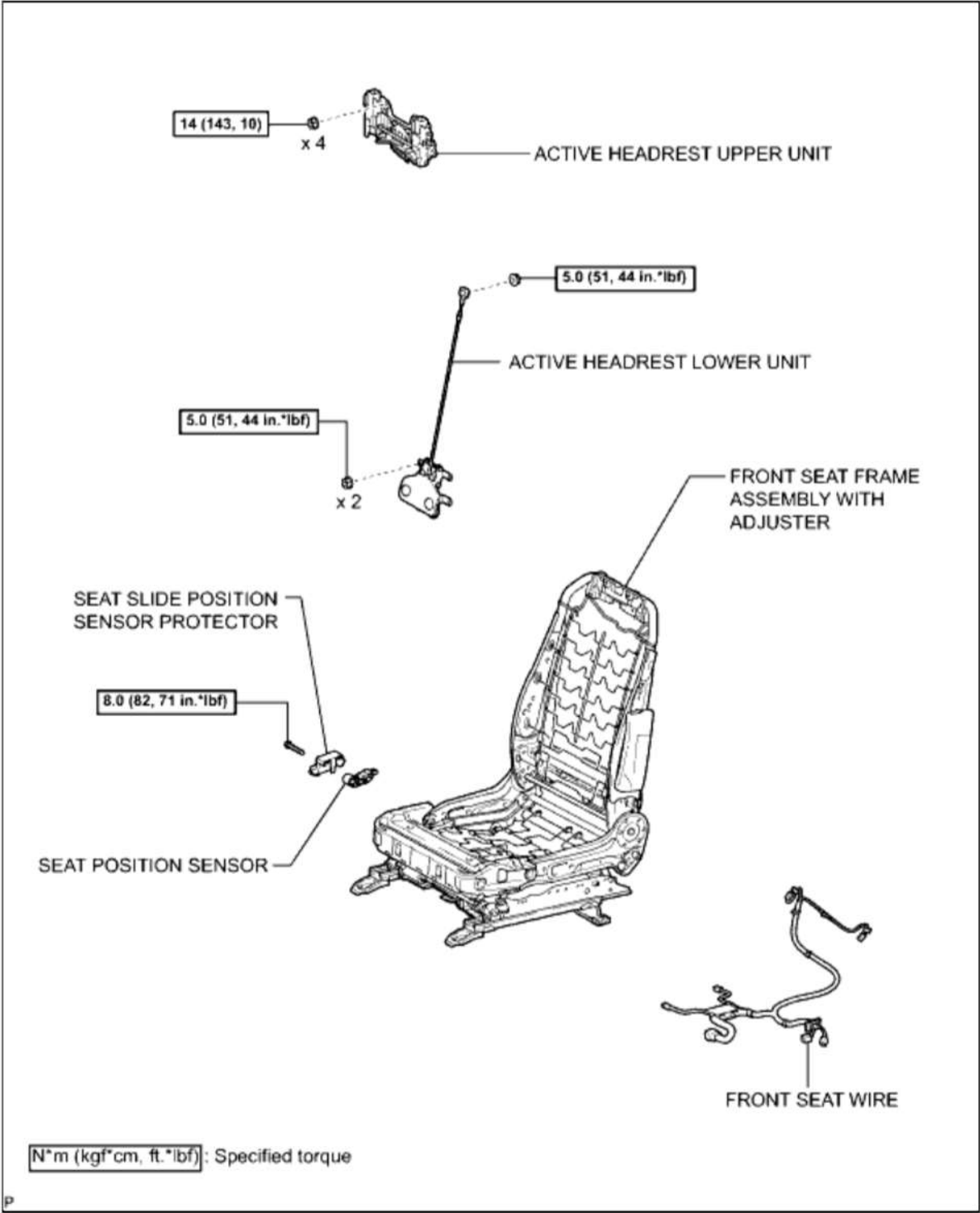
ILLUSTRATION



ILLUSTRATION



ILLUSTRATION



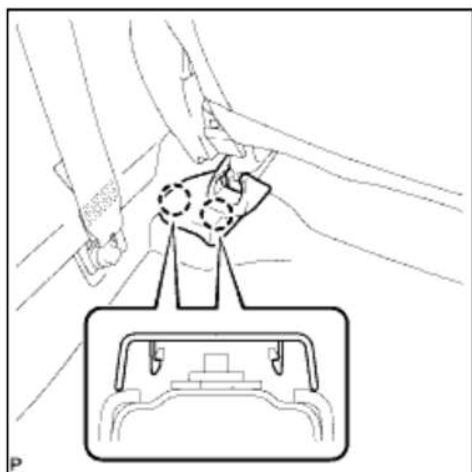
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Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000AR900VX
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): REMOVAL (2010 Corolla)		

REMOVAL

1. REMOVE FRONT SEAT HEADREST ASSEMBLY

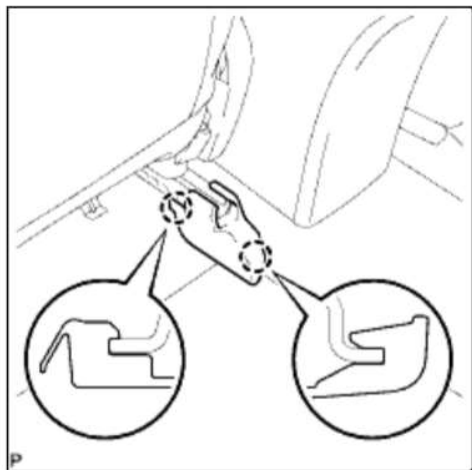
2. REMOVE OUTER SEAT TRACK COVER



(a) Operate the power seat switch knob and move the seat to the foremost position.

(b) Disengage the 2 claws and remove the outer seat track cover.

3. REMOVE INNER SEAT TRACK COVER



(a) Disengage the 2 claws and remove the inner seat track cover.

4. REMOVE FRONT SEAT ASSEMBLY

(a) Remove the 2 bolts on the rear side of the seat.



(b) Operate the power seat switch knob and move the seat to the rearmost position.



(c) Remove the 2 bolts on the front side of the seat.

(d) Operate the power seat switch knob and move the seat to the center position. Also, operate the power seat switch knob and move the seatback to the upright position.

(e) Disconnect the cable from the negative (-) battery terminal.

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system  .

(f) Disconnect the connectors under the seat.

(g) Remove the seat.

NOTICE:

Be careful not to damage the vehicle body.



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000Z8T03BX
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL FRONT SEAT ASSEMBLY

- (a) Place the front seat assembly in the cabin.

NOTICE:

Be careful not to damage the vehicle body.

- (b) Connect the connectors under the seat.
(c) Connect the cable to the negative (-) battery terminal.
(d) Temporarily install the front seat assembly with the 4 bolts.
(e) Operate the power seat switch knob and move the seat to the rearmost position.



- (f) Tighten the 2 bolts on the front side of the seat.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

HINT:

Tighten the bolts in the order indicated in the illustration.

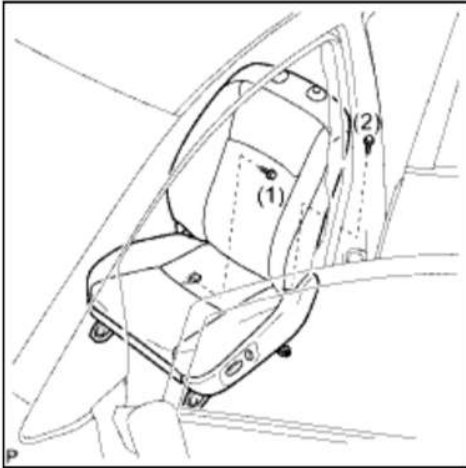
- (g) Operate the power seat switch knob and move the seat to the foremost position.

- (h) Tighten the 2 bolts on the rear side of the seat.

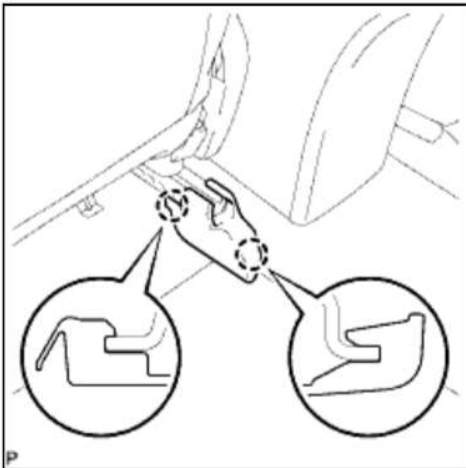
Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

HINT:

Tighten the bolts in the order indicated in the illustration.



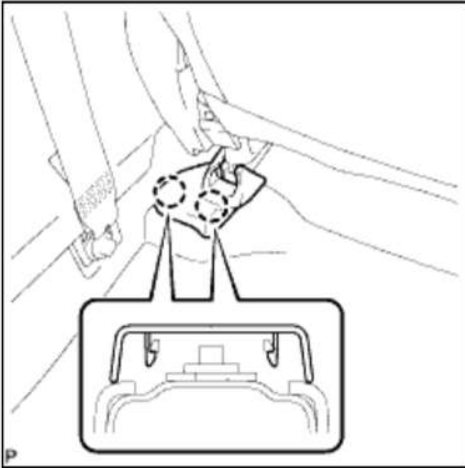
2. INSTALL INNER SEAT TRACK COVER



(a) Engage the 2 claws and install the inner seat track cover.

3. INSTALL OUTER SEAT TRACK COVER

(a) Engage the 2 claws and install the outer seat track cover.



4. INSTALL FRONT SEAT HEADREST ASSEMBLY

5. INSPECT FRONT SEAT ASSEMBLY

(a) Inspect the power seat operation.

6. INSPECT SRS WARNING LIGHT

HINT:

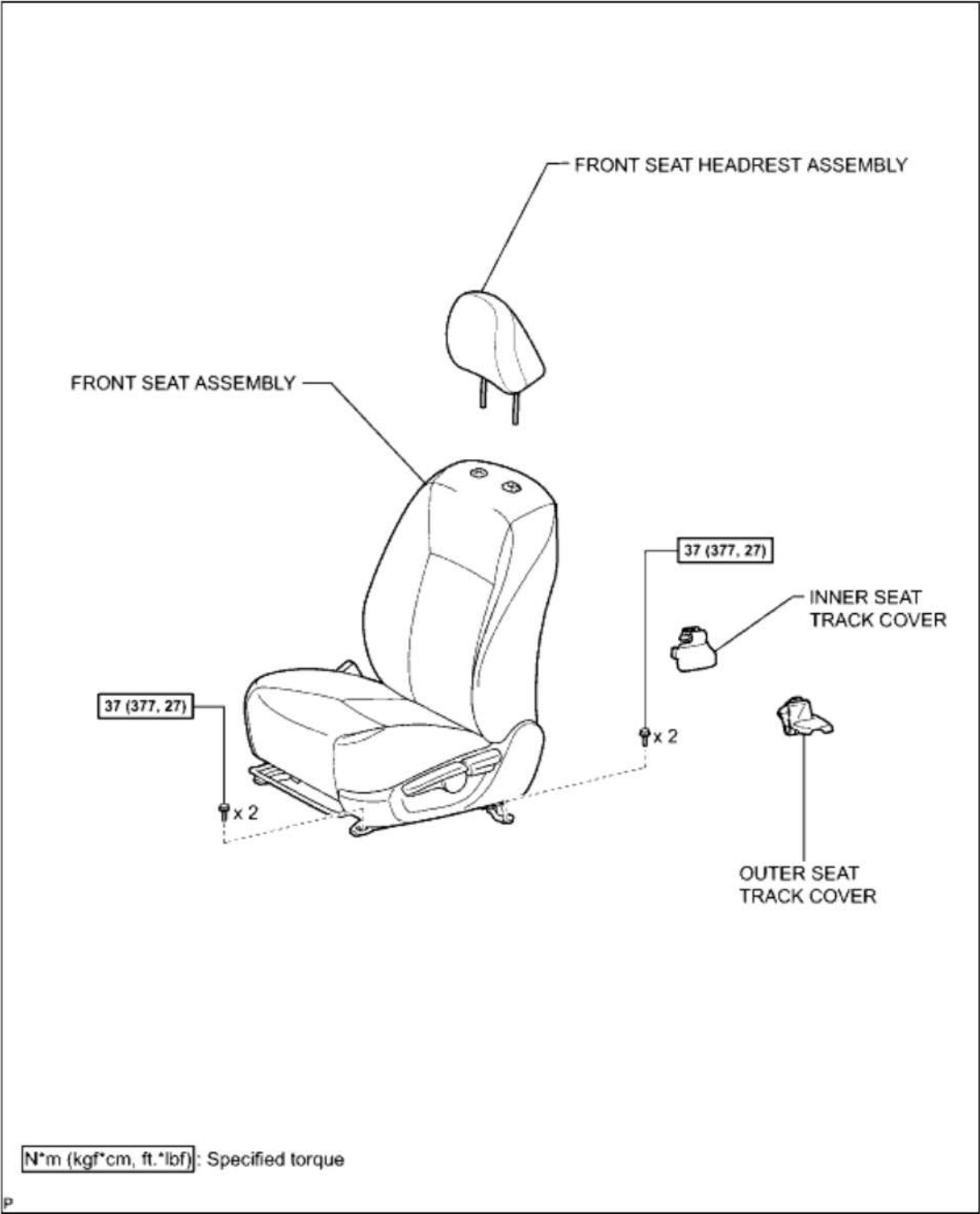
Inspect the SRS warning light .



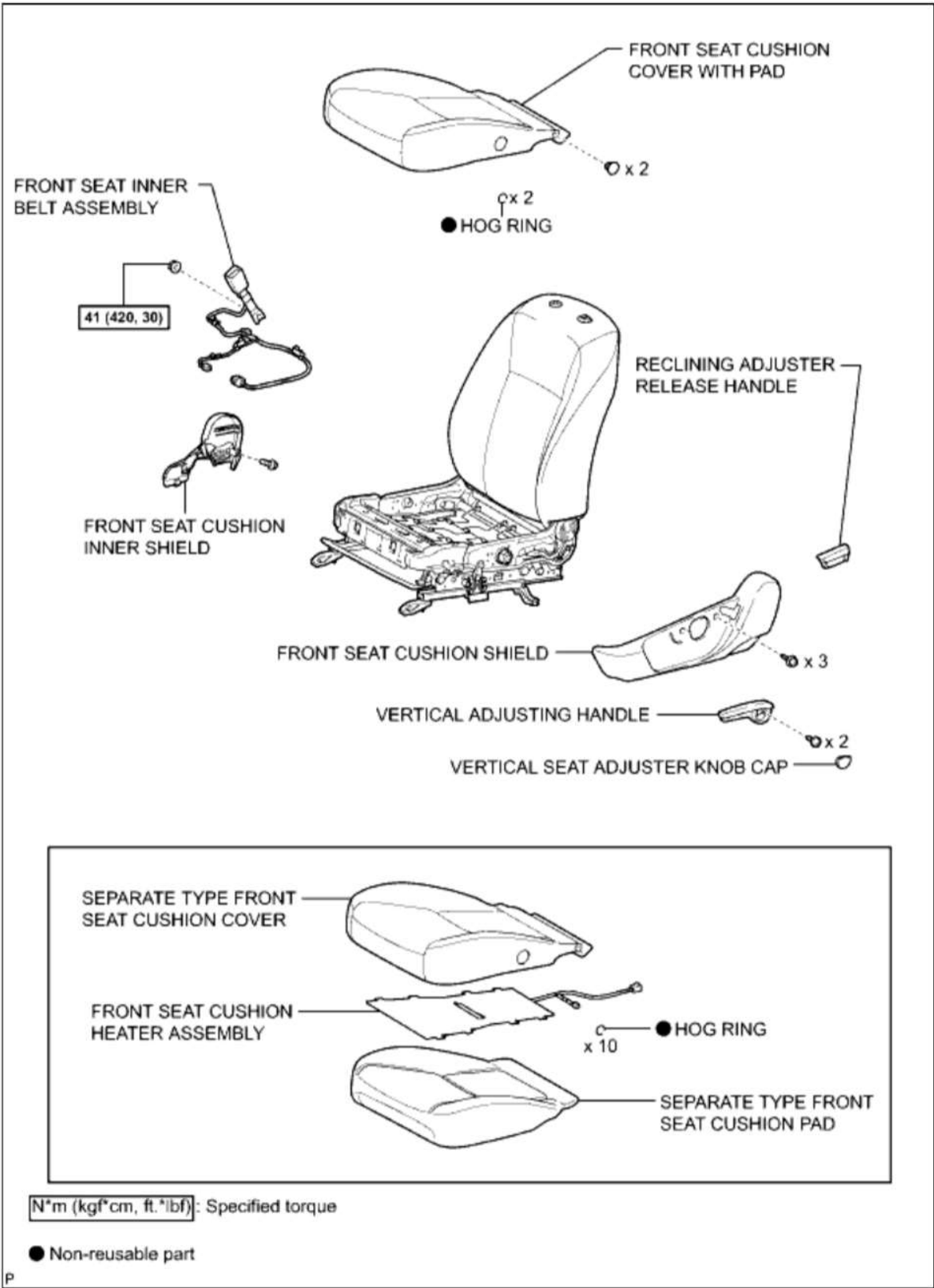
Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003GVP001X
Title: SEAT: FRONT SEAT CUSHION HEATER: COMPONENTS (2010 Corolla)		

COMPONENTS

ILLUSTRATION



ILLUSTRATION



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Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000VBH030X
Title: SEAT: FRONT SEAT CUSHION HEATER: REMOVAL (2010 Corolla)		

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL (w/ Front Seat Side Airbag)

NOTICE:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system [INFO](#).

2. REMOVE FRONT SEAT HEADREST ASSEMBLY

3. REMOVE OUTER SEAT TRACK COVER [INFO](#)

4. REMOVE INNER SEAT TRACK COVER [INFO](#)

5. REMOVE FRONT SEAT ASSEMBLY [INFO](#)

6. REMOVE RECLINING ADJUSTER RELEASE HANDLE [INFO](#)

7. REMOVE VERTICAL SEAT ADJUSTER KNOB CAP [INFO](#)

8. REMOVE VERTICAL ADJUSTING HANDLE [INFO](#)

9. REMOVE FRONT SEAT CUSHION SHIELD [INFO](#)

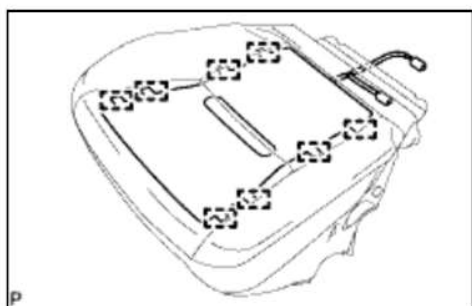
10. REMOVE FRONT SEAT INNER BELT ASSEMBLY [INFO](#)

11. REMOVE FRONT SEAT CUSHION INNER SHIELD [INFO](#)

12. REMOVE FRONT SEAT CUSHION COVER WITH PAD [INFO](#)

13. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER [INFO](#)

14. REMOVE FRONT SEAT CUSHION HEATER ASSEMBLY



(a) Cut off the 8 tack pins and remove the front seat cushion heater assembly.

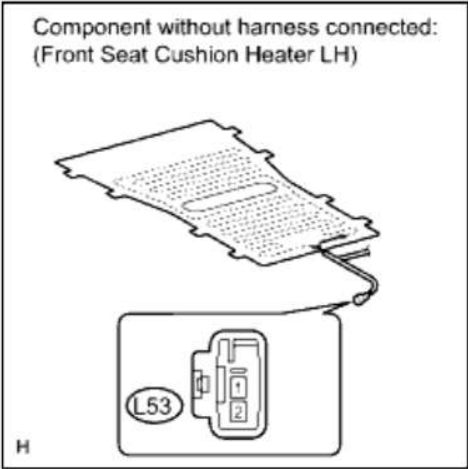
Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003H5A001X
Title: SEAT: FRONT SEAT CUSHION HEATER: INSPECTION (2010 Corolla)		

INSPECTION

1. INSPECT FRONT SEAT CUSHION HEATER LH

- (a) Check the seat cushion heater.
- (1) Connect the front seatback heater LH connector.
- (2) Apply battery voltage and check the seat cushion heater.

OK:



CONNECTION	CONDITION	SPECIFIED CONDITION
Battery positive (+) → L53-1 Battery negative (-) → L53-2	Always	Seat cushion heater becomes warm

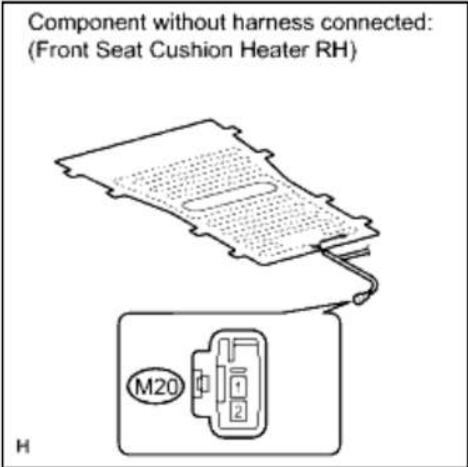
NOTICE:
Immediately after confirming that the seat heater is functioning normally, remove the battery leads. Failing to do so may cause the seat heater to overheat.

If the result is not as specified, replace the seat cushion heater.

2. INSPECT FRONT SEAT CUSHION HEATER RH

- (a) Check the seat cushion heater.
- (1) Connect the front seatback heater RH connector.
- (2) Apply battery voltage and check the seat cushion heater.

OK:



CONNECTION	CONDITION	SPECIFIED CONDITION
Battery positive (+) → M20-1 Battery negative (-) → M20-2	Always	Seat cushion heater becomes warm

NOTICE:

Immediately after confirming that the seat heater is functioning normally, remove the battery leads. Failing to do so may cause the seat heater to overheat.

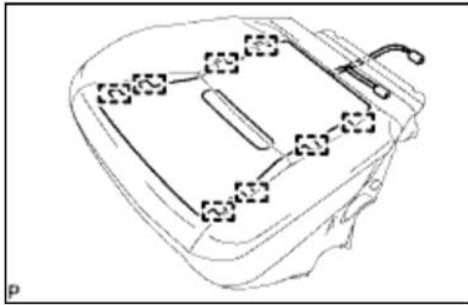
If the result is not as specified, replace the seat cushion heater.



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000VBI03TX
Title: SEAT: FRONT SEAT CUSHION HEATER: INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL FRONT SEAT CUSHION HEATER ASSEMBLY



(a) Using a tackers, install the front seat cushion heater assembly to the end of the seat cushion cover with the 8 tack pins.

2. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER

[INFO](#)

3. INSTALL FRONT SEAT CUSHION COVER WITH PAD

[INFO](#)

4. INSTALL FRONT SEAT CUSHION INNER SHIELD

[INFO](#)

5. INSTALL FRONT SEAT INNER BELT ASSEMBLY

[INFO](#)

6. INSTALL FRONT SEAT CUSHION SHIELD

[INFO](#)

7. INSTALL VERTICAL ADJUSTING HANDLE

[INFO](#)

8. INSTALL VERTICAL SEAT ADJUSTER KNOB CAP

[INFO](#)

9. INSTALL RECLINING ADJUSTER RELEASE HANDLE

[INFO](#)

10. INSTALL FRONT SEAT ASSEMBLY

[INFO](#)

11. INSPECT FRONT SEAT SLIDE ADJUSTER LOCK

[INFO](#)

12. INSTALL INNER SEAT TRACK COVER

[INFO](#)

13. INSTALL OUTER SEAT TRACK COVER

[INFO](#)

14. INSTALL FRONT SEAT HEADREST ASSEMBLY

15. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL (w/ Front Seat Side Airbag)

16. INSPECT SRS WARNING LIGHT (w/ Front Seat Side Airbag)

HINT:

Inspect the SRS warning light [INFO](#) .



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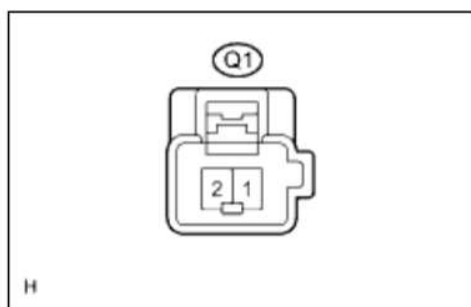
Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000WGS029X
Title: SEAT: FRONT SEAT FRAME WITH ADJUSTER: INSPECTION (2010 Corolla)		

INSPECTION

1. INSPECT FRONT SEAT FRAME WITH ADJUSTER

(a) Check the operation of the seat frame (slide motor).

(1) Check if the seat frame operates smoothly when the battery voltage is applied to the slide motor connector terminals.



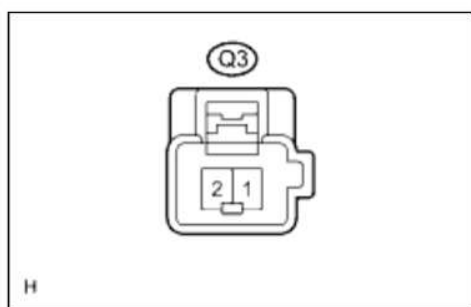
OK:

MEASUREMENT CONDITION	OPERATIONAL DIRECTION
Battery positive (+) → Q 1-1 Battery negative (-) → Q 1-2	Forward
Battery positive (+) → Q 1-2 Battery negative (-) → Q 1-1	Backward

If the result is not as specified, replace the seat frame with adjuster.

(b) Check the operation of the seat frame (front vertical motor).

(1) Check if the seat frame operates smoothly when the battery voltage is applied to the front vertical motor connector terminals.



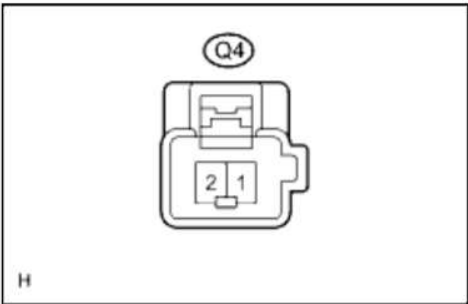
OK:

MEASUREMENT CONDITION	OPERATIONAL DIRECTION
Battery positive (+) → Q 3-1 Battery negative (-) → Q 3-2	Upward
Battery positive (+) → Q 3-2 Battery negative (-) → Q 3-1	Downward

If the result is not as specified, replace the seat frame with adjuster.

(c) Check the operation of the seat frame (reclining motor).

(1) Check if the seat frame operates smoothly when the battery voltage is applied to the reclining motor connector terminals.



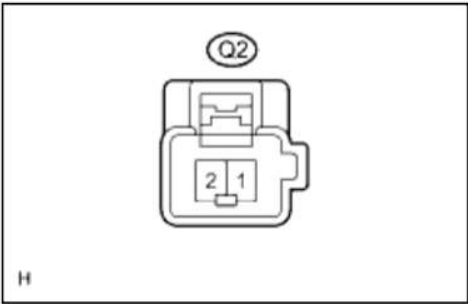
OK:

MEASUREMENT CONDITION	OPERATIONAL DIRECTION
Battery positive (+) → Q 4-2 Battery negative (-) → Q 4-1	Forward
Battery positive (+) → Q 4-1 Battery negative (-) → Q 4-2	Backward

If the result is not as specified, replace the seat frame with adjuster.

(d) Check the operation of the seat frame (lifter motor).

(1) Check if the seat frame operates smoothly when the battery voltage is applied to the lifter motor connector terminals.



OK:

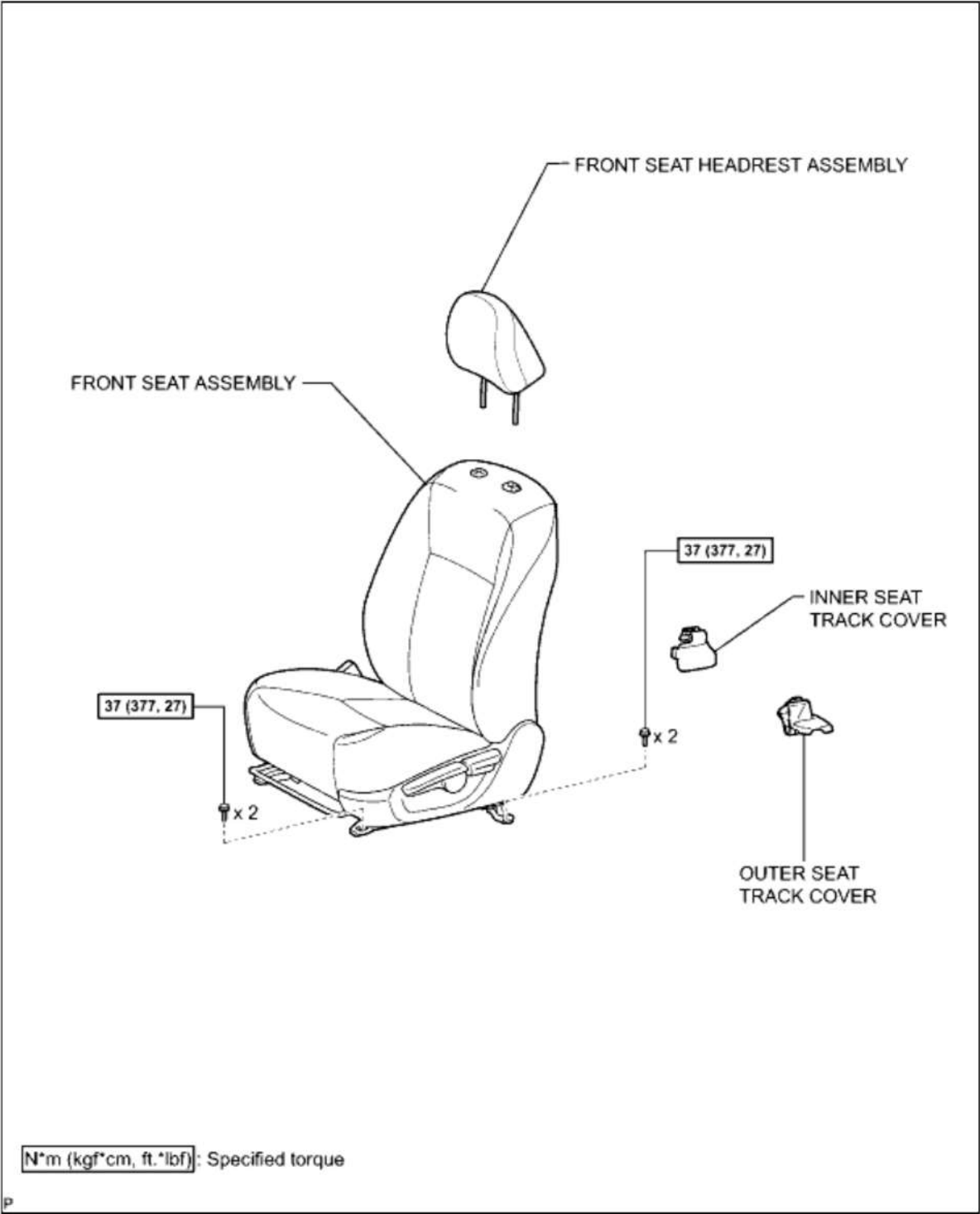
MEASUREMENT CONDITION	OPERATIONAL DIRECTION
Battery positive (+) → Q 2-2 Battery negative (-) → Q 2-1	Upward
Battery positive (+) → Q 2-1 Battery negative (-) → Q 2-2	Downward

If the result is not as specified, replace the seat frame with adjuster.

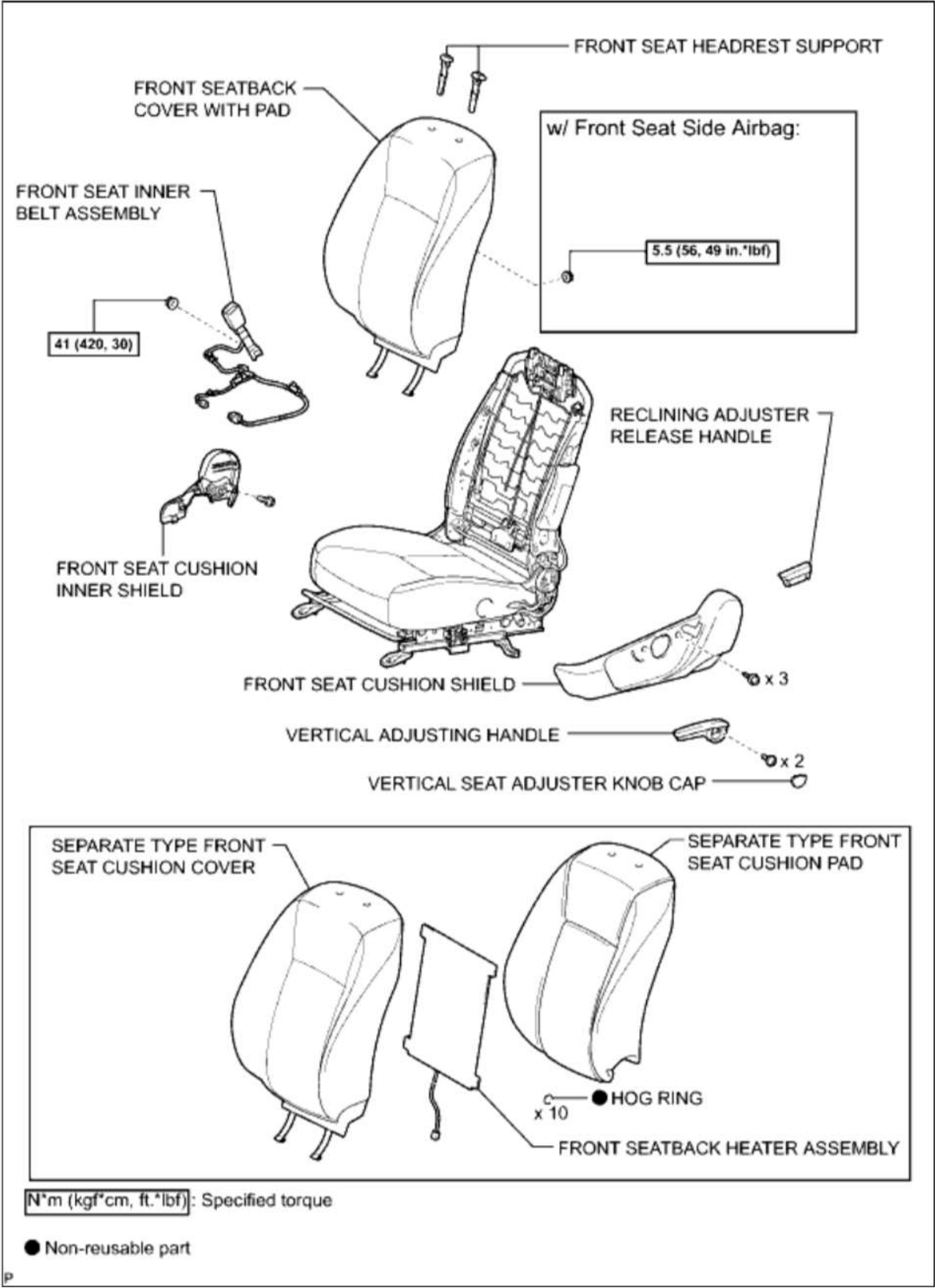
Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003GVO001X
Title: SEAT: FRONT SEATBACK HEATER: COMPONENTS (2010 Corolla)		

COMPONENTS

ILLUSTRATION



ILLUSTRATION



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000VBH03NX
Title: SEAT: FRONT SEATBACK HEATER: REMOVAL (2010 Corolla)		

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL (w/ Front Seat Side Airbag)

NOTICE:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system [INFO](#) .

2. REMOVE FRONT SEAT HEADREST ASSEMBLY

3. REMOVE OUTER SEAT TRACK COVER [INFO](#)

4. REMOVE INNER SEAT TRACK COVER [INFO](#)

5. REMOVE FRONT SEAT ASSEMBLY [INFO](#)

6. REMOVE RECLINING ADJUSTER RELEASE HANDLE [INFO](#)

7. REMOVE VERTICAL SEAT ADJUSTER KNOB CAP [INFO](#)

8. REMOVE VERTICAL ADJUSTING HANDLE [INFO](#)

9. REMOVE FRONT SEAT CUSHION SHIELD [INFO](#)

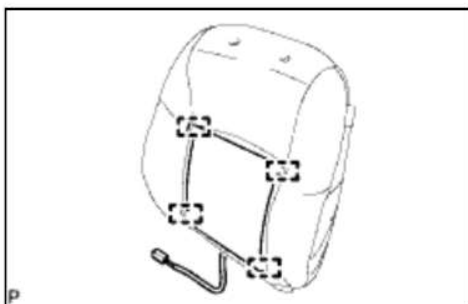
10. REMOVE FRONT SEAT INNER BELT ASSEMBLY [INFO](#)

11. REMOVE FRONT SEAT CUSHION INNER SHIELD [INFO](#)

12. REMOVE FRONT SEATBACK COVER WITH PAD [INFO](#)

13. REMOVE SEPARATE TYPE FRONT SEATBACK COVER [INFO](#)

14. REMOVE FRONT SEATBACK HEATER ASSEMBLY



(a) Cut off the 4 tack pins and remove the front seatback heater assembly.

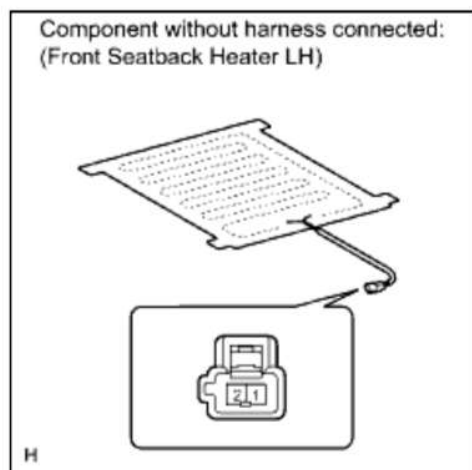
Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003H59001X
Title: SEAT: FRONT SEATBACK HEATER: INSPECTION (2010 Corolla)		

INSPECTION

1. INSPECT FRONT SEAT BACK HEATER LH

(a) Apply battery voltage and check the seatback heater.

OK:



CONNECTION	CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	Always	Seatback heater becomes warm

NOTICE:

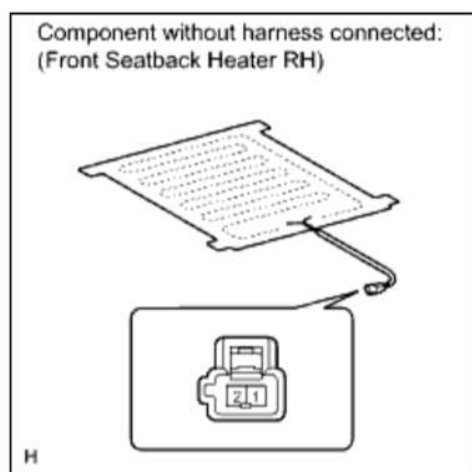
Immediately after confirming that the seat heater is functioning normally, remove the battery leads. Failing to do so may cause the seat heater to overheat.

If the result is not as specified, replace the front seatback heater.

2. INSPECT FRONT SEAT BACK HEATER RH

(a) Apply battery voltage and check the seatback heater.

OK:



CONNECTION	CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	Always	Seatback heater becomes warm

NOTICE:

Immediately after confirming that the seat heater is functioning normally, remove the battery leads. Failing to do so may cause the seat heater to overheat.

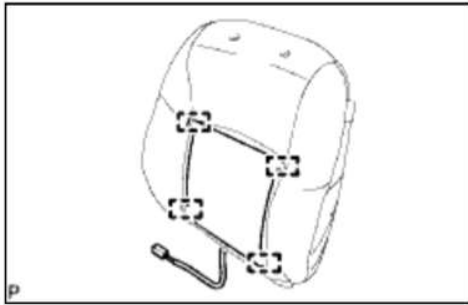
If the result is not as specified, replace the front seatback heater.



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000VBI03SX
Title: SEAT: FRONT SEATBACK HEATER: INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL FRONT SEATBACK HEATER ASSEMBLY



(a) Using a tackler, install the front seatback heater assembly to the end of the seatback cover with the 4 tack pins.

2. INSTALL SEPARATE TYPE FRONT SEATBACK COVER

[INFO](#)

3. INSTALL FRONT SEATBACK COVER WITH PAD

[INFO](#)

4. INSTALL FRONT SEAT CUSHION INNER SHIELD

[INFO](#)

5. INSTALL FRONT SEAT INNER BELT ASSEMBLY

[INFO](#)

6. INSTALL FRONT SEAT CUSHION SHIELD

[INFO](#)

7. INSTALL VERTICAL ADJUSTING HANDLE

[INFO](#)

8. INSTALL VERTICAL SEAT ADJUSTER KNOB CAP

[INFO](#)

9. INSTALL RECLINING ADJUSTER RELEASE HANDLE

[INFO](#)

10. INSTALL FRONT SEAT ASSEMBLY

[INFO](#)

11. INSPECT FRONT SEAT SLIDE ADJUSTER LOCK

[INFO](#)

12. INSTALL INNER SEAT TRACK COVER

[INFO](#)

13. INSTALL OUTER SEAT TRACK COVER

[INFO](#)

14. INSTALL FRONT SEAT HEADREST ASSEMBLY

15. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL (w/ Front Seat Side Airbag)

16. INSPECT SRS WARNING LIGHT (w/ Front Seat Side Airbag)

HINT:

Inspect the SRS warning light [INFO](#) .

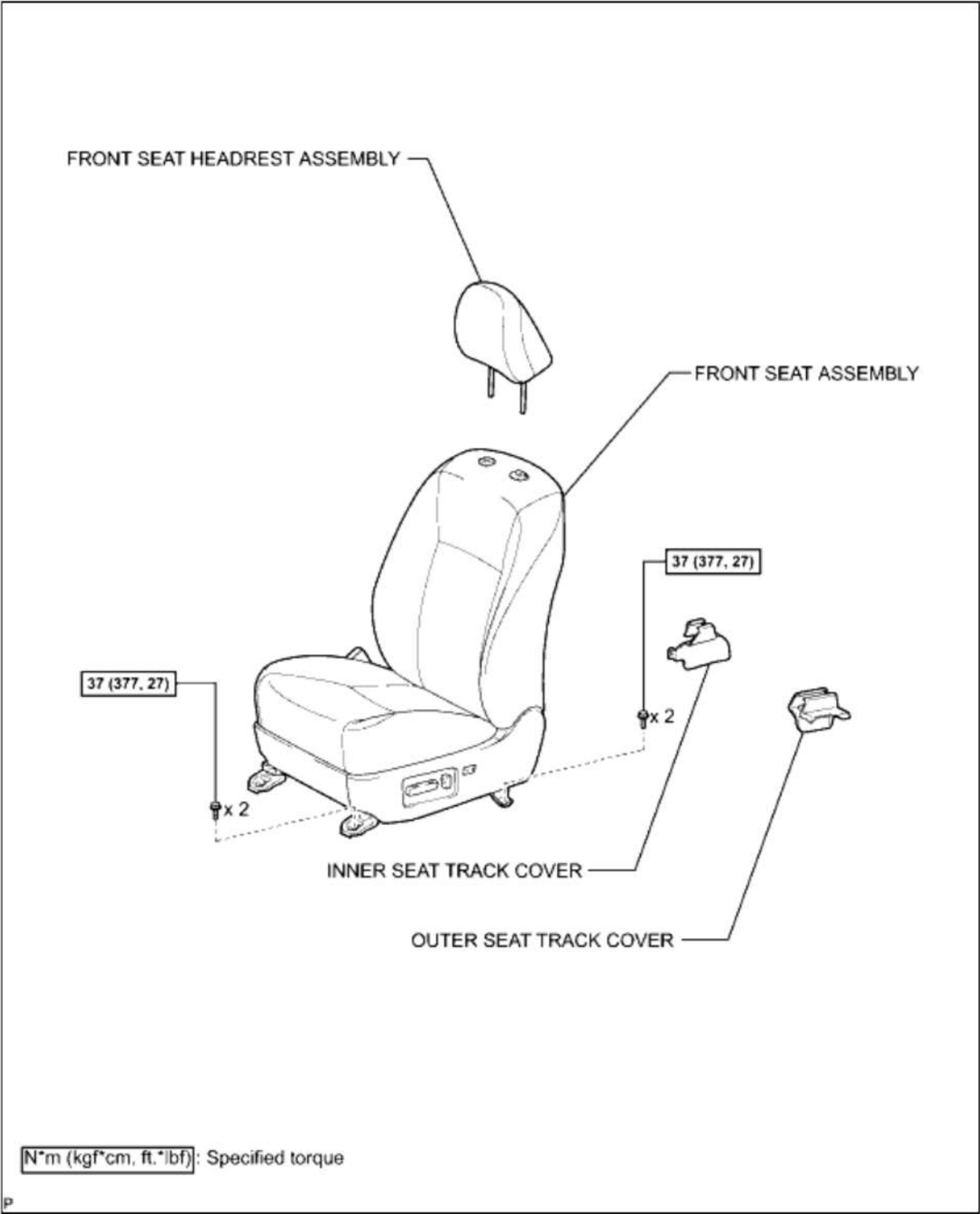


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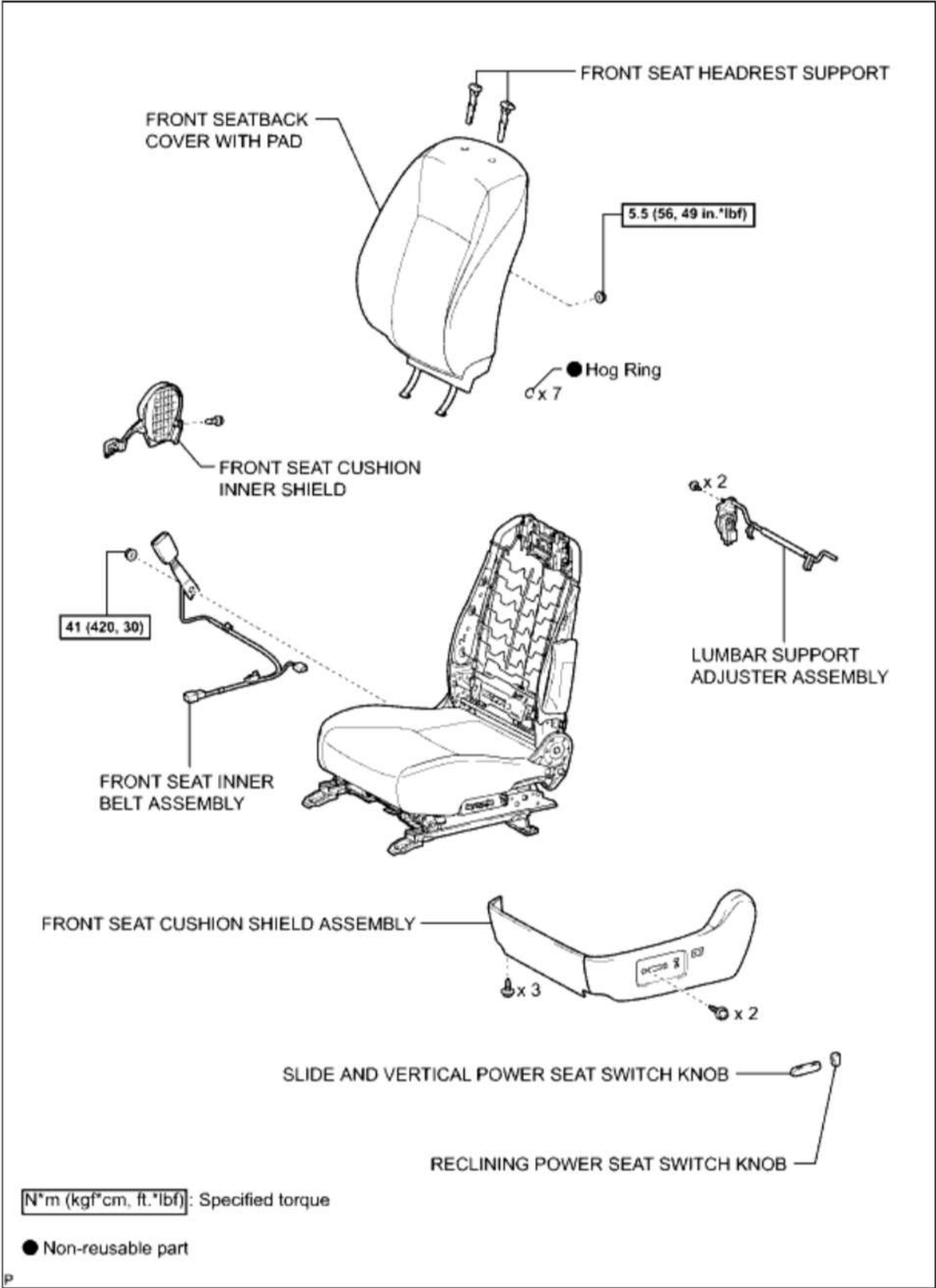
Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003GV7001X
Title: SEAT: LUMBAR SUPPORT ADJUSTER ASSEMBLY: COMPONENTS (2010 Corolla)		

COMPONENTS

ILLUSTRATION



ILLUSTRATION



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Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000AR900YX
Title: SEAT: LUMBAR SUPPORT ADJUSTER ASSEMBLY: REMOVAL (2010 Corolla)		

REMOVAL

1. REMOVE FRONT SEAT HEADREST ASSEMBLY

2. REMOVE OUTER SEAT TRACK COVER

3. REMOVE INNER SEAT TRACK COVER

4. REMOVE FRONT SEAT ASSEMBLY

5. REMOVE RECLINING POWER SEAT SWITCH KNOB

6. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB

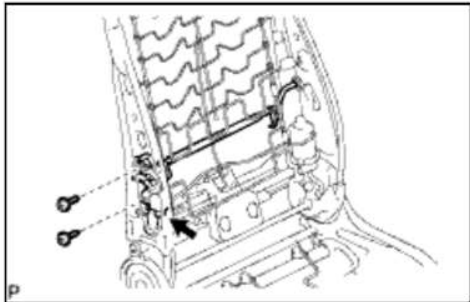
7. REMOVE FRONT SEAT CUSHION SHIELD ASSEMBLY

8. REMOVE FRONT SEAT INNER BELT ASSEMBLY

9. REMOVE FRONT SEAT CUSHION INNER SHIELD

10. REMOVE FRONT SEATBACK COVER WITH PAD

11. REMOVE LUMBAR SUPPORT ADJUSTER ASSEMBLY



(a) Disconnect the connector.

(b) Remove the 2 screws and the lumbar support adjuster assembly.



Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003GZT001X
Title: SEAT: LUMBAR SUPPORT ADJUSTER ASSEMBLY: INSPECTION (2010 Corolla)		

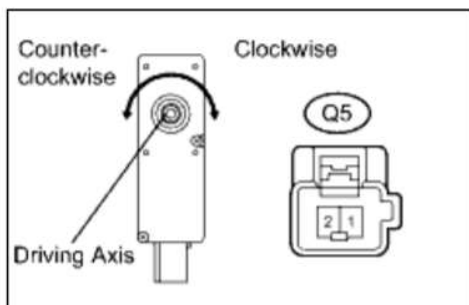
INSPECTION

1. INSPECT LUMBAR SUPPORT ADJUSTER ASSEMBLY

(a) Check the operation of the lumbar support adjuster.

(1) Check if the lumbar support adjuster operates smoothly when the battery voltage is applied to the lumbar support adjuster motor connector terminals.

OK:



CONDITION	OPERATION DIRECTION
Battery positive (+) → Q 5-2 Battery negative (-) → Q 5-1	Clockwise
Battery positive (+) → Q 5-1 Battery negative (-) → Q 5-2	Counterclockwise

If the result is not as specified, replace the lumbar support adjuster.

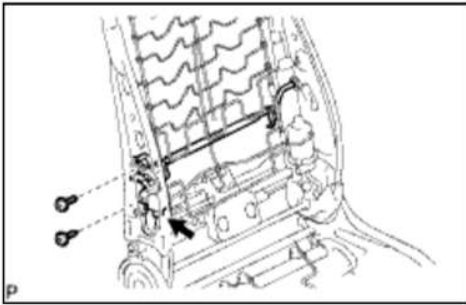


TOYOTA

Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000Z8T03FX
Title: SEAT: LUMBAR SUPPORT ADJUSTER ASSEMBLY: INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL LUMBAR SUPPORT ADJUSTER ASSEMBLY



(a) Install the lumbar support adjuster assembly with the 2 screws.

(b) Connect the connector.

2. INSTALL FRONT SEAT BACK COVER WITH PAD

INFO

3. INSTALL FRONT SEAT CUSHION INNER SHIELD

INFO

4. INSTALL FRONT SEAT INNER BELT ASSEMBLY

INFO

5. INSTALL FRONT SEAT CUSHION SHIELD ASSEMBLY

INFO

6. INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB

INFO

7. INSTALL RECLINING POWER SEAT SWITCH KNOB

INFO

8. INSTALL FRONT SEAT ASSEMBLY

INFO

9. INSTALL INNER SEAT TRACK COVER

INFO

10. INSTALL OUTER SEAT TRACK COVER

INFO

11. INSTALL FRONT SEAT HEADREST ASSEMBLY

12. INSPECT FRONT SEAT ASSEMBLY

INFO

13. INSPECT SRS WARNING LIGHT

HINT:

Inspect the SRS warning light

INFO

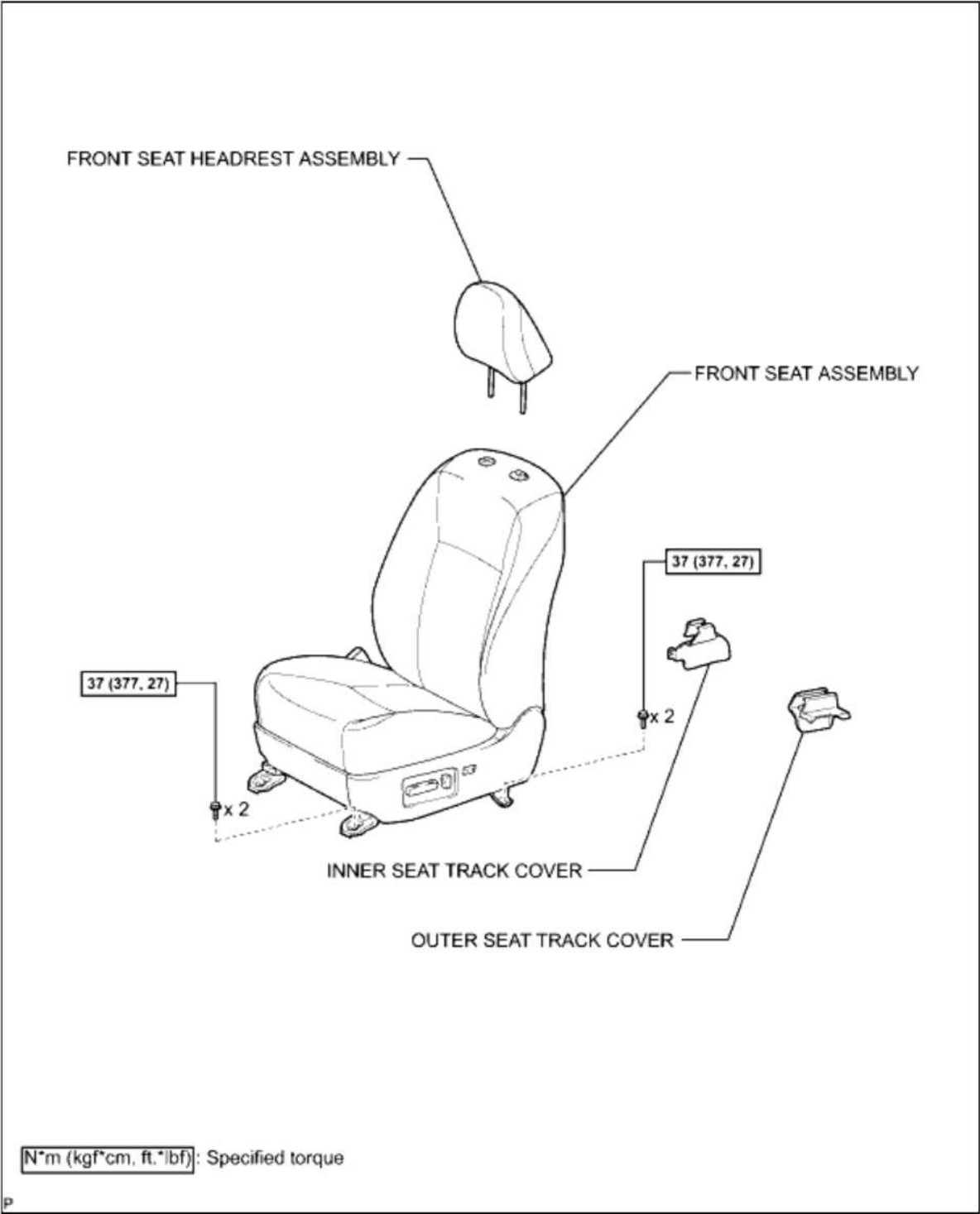


TOYOTA

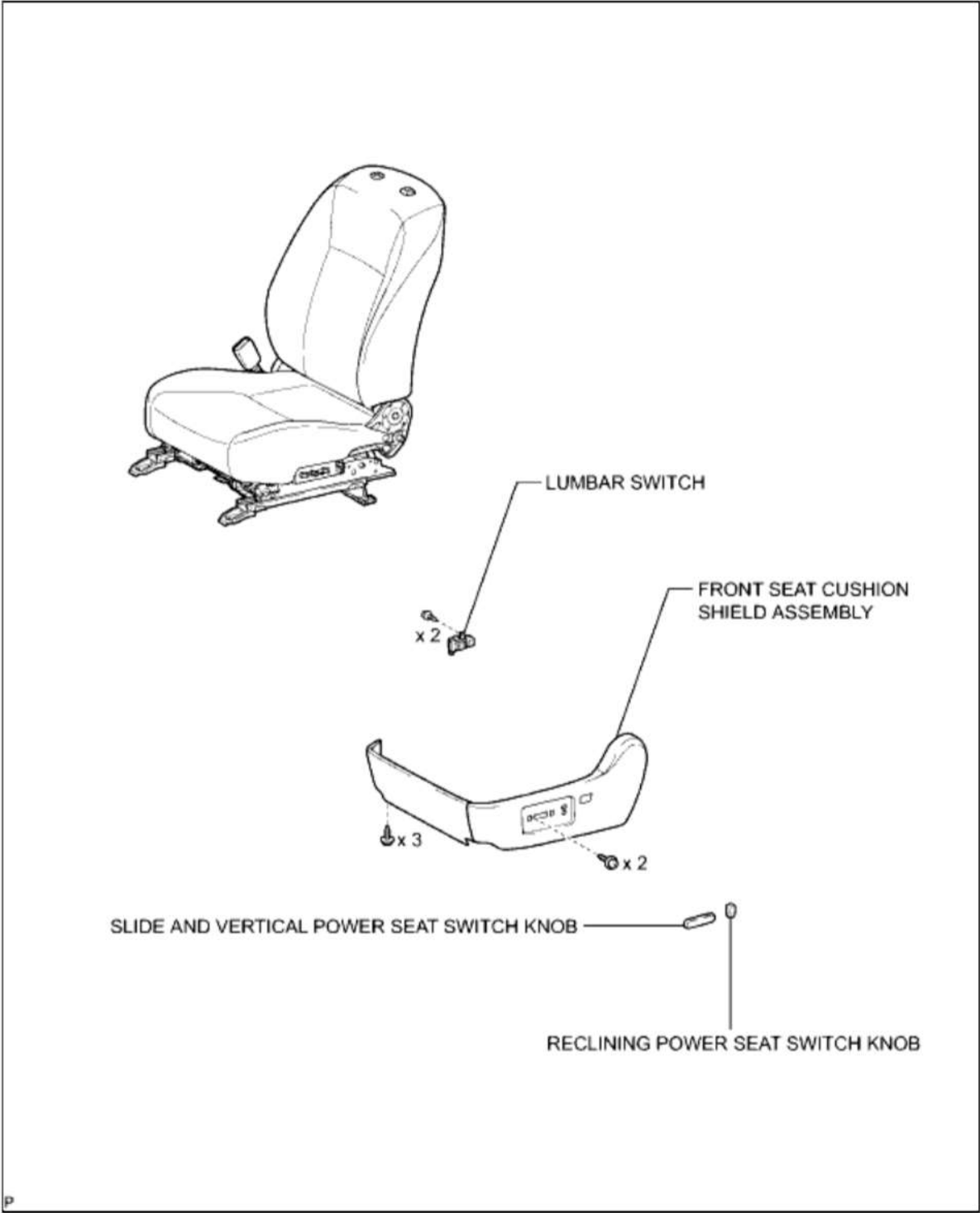
Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003GV6001X
Title: SEAT: LUMBAR SWITCH: COMPONENTS (2010 Corolla)		

COMPONENTS

ILLUSTRATION



ILLUSTRATION



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Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000AR900XX
Title: SEAT: LUMBAR SWITCH: REMOVAL (2010 Corolla)		

REMOVAL

1. REMOVE FRONT SEAT HEADREST ASSEMBLY

2. REMOVE OUTER SEAT TRACK COVER

3. REMOVE INNER SEAT TRACK COVER

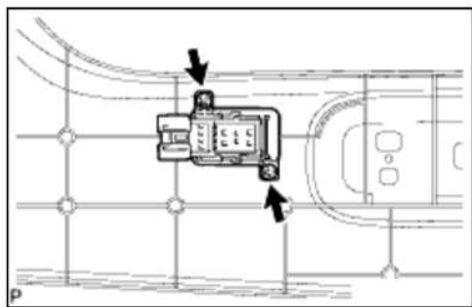
4. REMOVE FRONT SEAT ASSEMBLY

5. REMOVE RECLINING POWER SEAT SWITCH KNOB

6. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB

7. REMOVE FRONT SEAT CUSHION SHIELD ASSEMBLY

8. REMOVE LUMBAR SWITCH



(a) Remove the 2 screws and remove the lumbar switch.

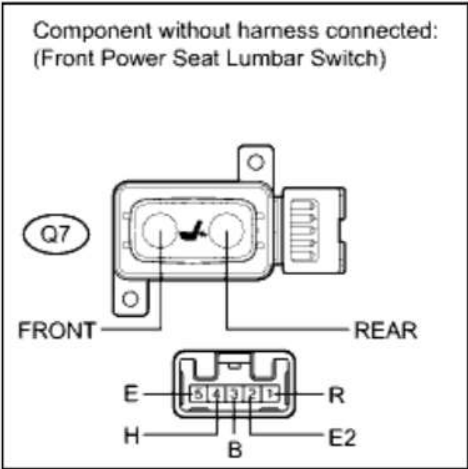
Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003GZS001X
Title: SEAT: LUMBAR SWITCH: INSPECTION (2010 Corolla)		

INSPECTION

1. INSPECT FRONT POWER SEAT LUMBAR SWITCH

(a) Measure the resistance between the terminals when the switch is operated.

Standard Resistance:



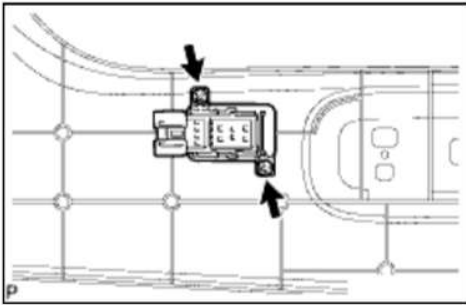
TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
Q 7-1 (R) - Q 7-2 (E2)	FRONT	Below 1 Ω
Q 7-3 (B) - Q 7-4 (H)	FRONT	Below 1 Ω
Q 7-1 (R) - Q 7-2 (E2)	OFF	Below 1 Ω
Q 7-4 (H) - Q 7-5 (E)	OFF	Below 1 Ω
Q 7-1 (R) - Q 7-3 (B)	REAR	Below 1 Ω
Q 7-4 (H) - Q 7-5 (E)	REAR	Below 1 Ω

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: RM000000Z8T03EX
Title: SEAT: LUMBAR SWITCH: INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL LUMBAR SWITCH



(a) Install the lumbar switch with the 2 screws.

2. INSTALL FRONT SEAT CUSHION SHIELD ASSEMBLY [INFO](#)

3. INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB [INFO](#)

4. INSTALL RECLINING POWER SEAT SWITCH KNOB [INFO](#)

5. INSTALL FRONT SEAT ASSEMBLY [INFO](#)

6. INSTALL INNER SEAT TRACK COVER [INFO](#)

7. INSTALL OUTER SEAT TRACK COVER [INFO](#)

8. INSTALL FRONT SEAT HEADREST ASSEMBLY

9. INSPECT FRONT SEAT ASSEMBLY [INFO](#)

10. INSPECT SRS WARNING LIGHT

HINT:

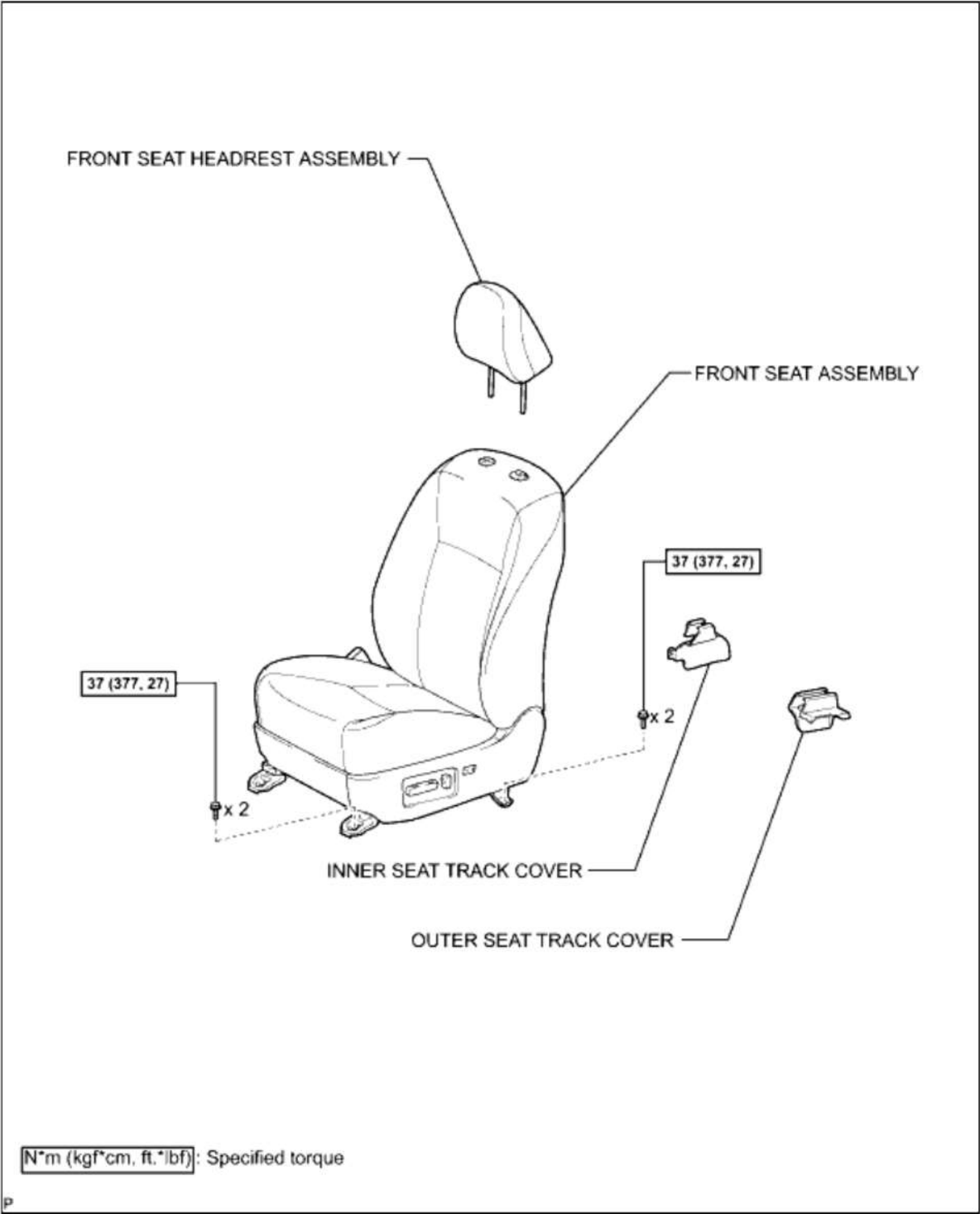
Inspect the SRS warning light [INFO](#) .



Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003GV5001X
Title: SEAT: POWER SEAT SWITCH: COMPONENTS (2010 Corolla)		

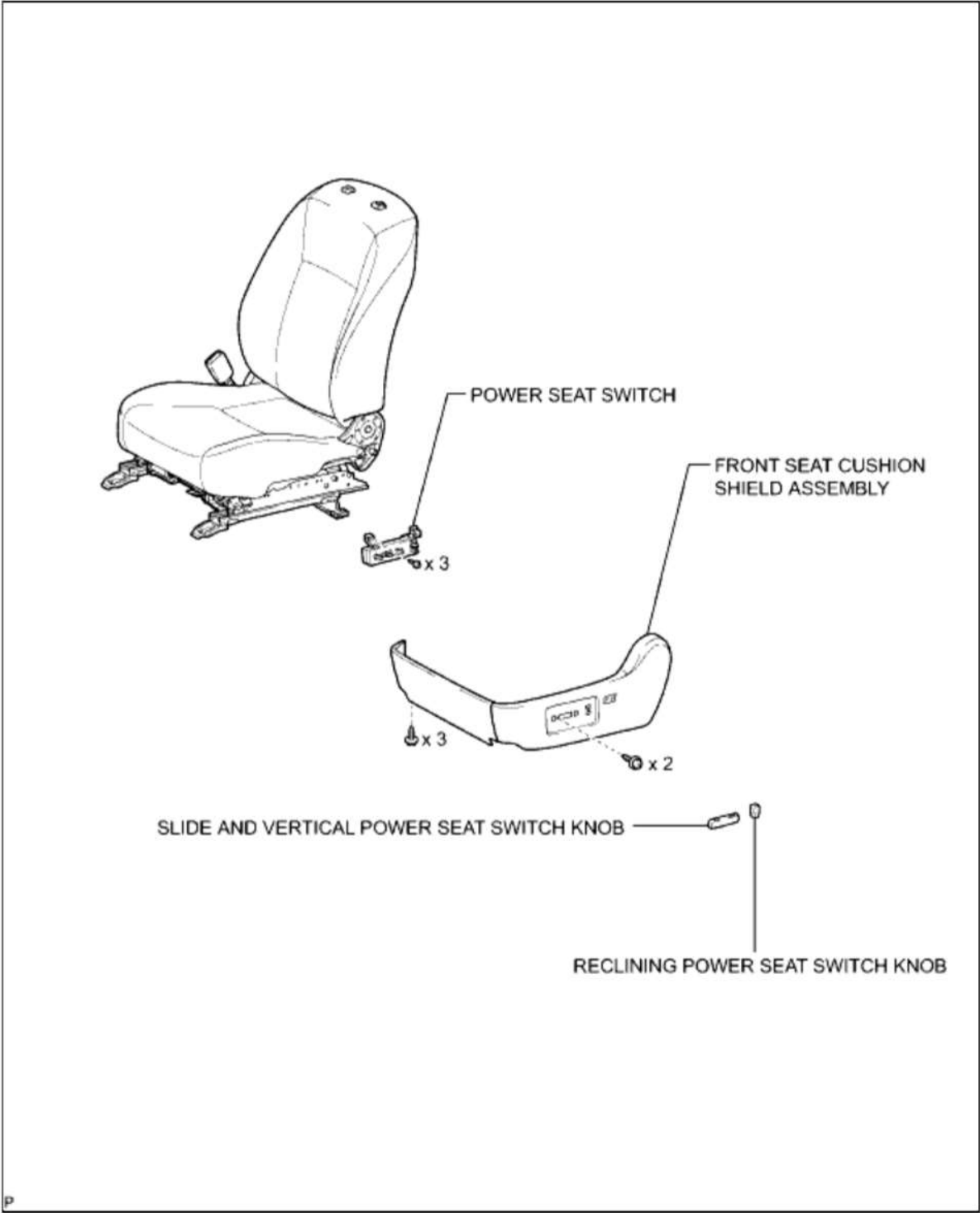
COMPONENTS

ILLUSTRATION



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Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000AR900WX
Title: SEAT: POWER SEAT SWITCH: REMOVAL (2010 Corolla)		

REMOVAL

1. REMOVE FRONT SEAT HEADREST ASSEMBLY

2. REMOVE OUTER SEAT TRACK COVER

3. REMOVE INNER SEAT TRACK COVER

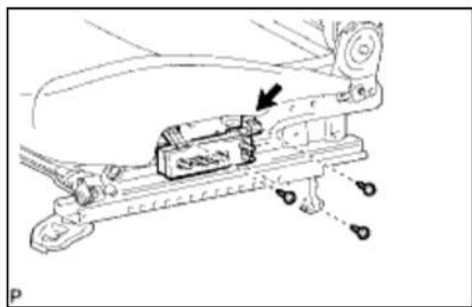
4. REMOVE FRONT SEAT ASSEMBLY

5. REMOVE RECLINING POWER SEAT SWITCH KNOB

6. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB

7. REMOVE FRONT SEAT CUSHION SHIELD ASSEMBLY

8. REMOVE POWER SEAT SWITCH



(a) Remove the 3 screws.

(b) Disconnect the connector and remove the power seat switch.



Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003GZU002X
Title: SEAT: POWER SEAT SWITCH: INSPECTION (2010 Corolla)		

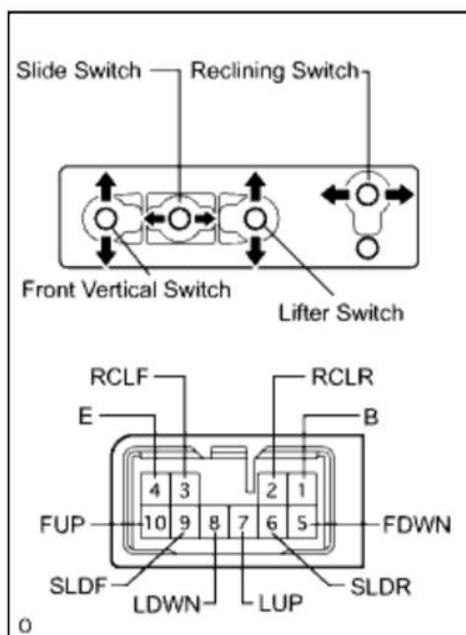
INSPECTION

1. INSPECT POWER SEAT SWITCH

- (a) Measure the resistance between the terminals when each switch is operated.

Standard Resistance (Slide Switch):

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
1 (B) - 9 (SLDF)	FRONT	Below 1 Ω
4 (E) - 6 (SLDR)	FRONT	Below 1 Ω
4 (E) - 6 (SLDR)	OFF	Below 1 Ω
4 (E) - 9 (SLDF)	OFF	Below 1 Ω
1 (B) - 6 (SLDR)	REAR	Below 1 Ω
4 (E) - 9 (SLDF)	REAR	Below 1 Ω



Standard Resistance (Front Vertical Switch):

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
1 (B) - 10 (FUP)	UP	Below 1 Ω
4 (E) - 5 (FDWN)	UP	Below 1 Ω
4 (E) - 10 (FUP)	OFF	Below 1 Ω
4 (E) - 5 (FDWN)	OFF	Below 1 Ω
1 (B) - 10 (FUP)	DOWN	Below 1 Ω
1 (B) - 5 (FDWN)	DOWN	Below 1 Ω

Standard Resistance (Lifter Switch):

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
1 (B) - 7 (LUP)	UP	Below 1 Ω
4 (E) - 8 (LDWN)	UP	Below 1 Ω
4 (E) - 8 (LDWN)	OFF	Below 1 Ω

4 (E) - 7 (LUP)	OFF	Below 1 Ω
1 (B) - 8 (LDWN)	DOWN	Below 1 Ω
4 (E) - 7 (LUP)	DOWN	Below 1 Ω

Standard Resistance (Reclining Switch):

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
1 (B) - 3 (RCLF)	FRONT	Below 1 Ω
2 (RCLR) - 4 (E)	FRONT	Below 1 Ω
2 (RCLR) - 4 (E)	OFF	Below 1 Ω
3 (RCLF) - 4 (E)	OFF	Below 1 Ω
1 (B) - 2 (RCLR)	REAR	Below 1 Ω
3 (RCLF) - 4 (E)	REAR	Below 1 Ω

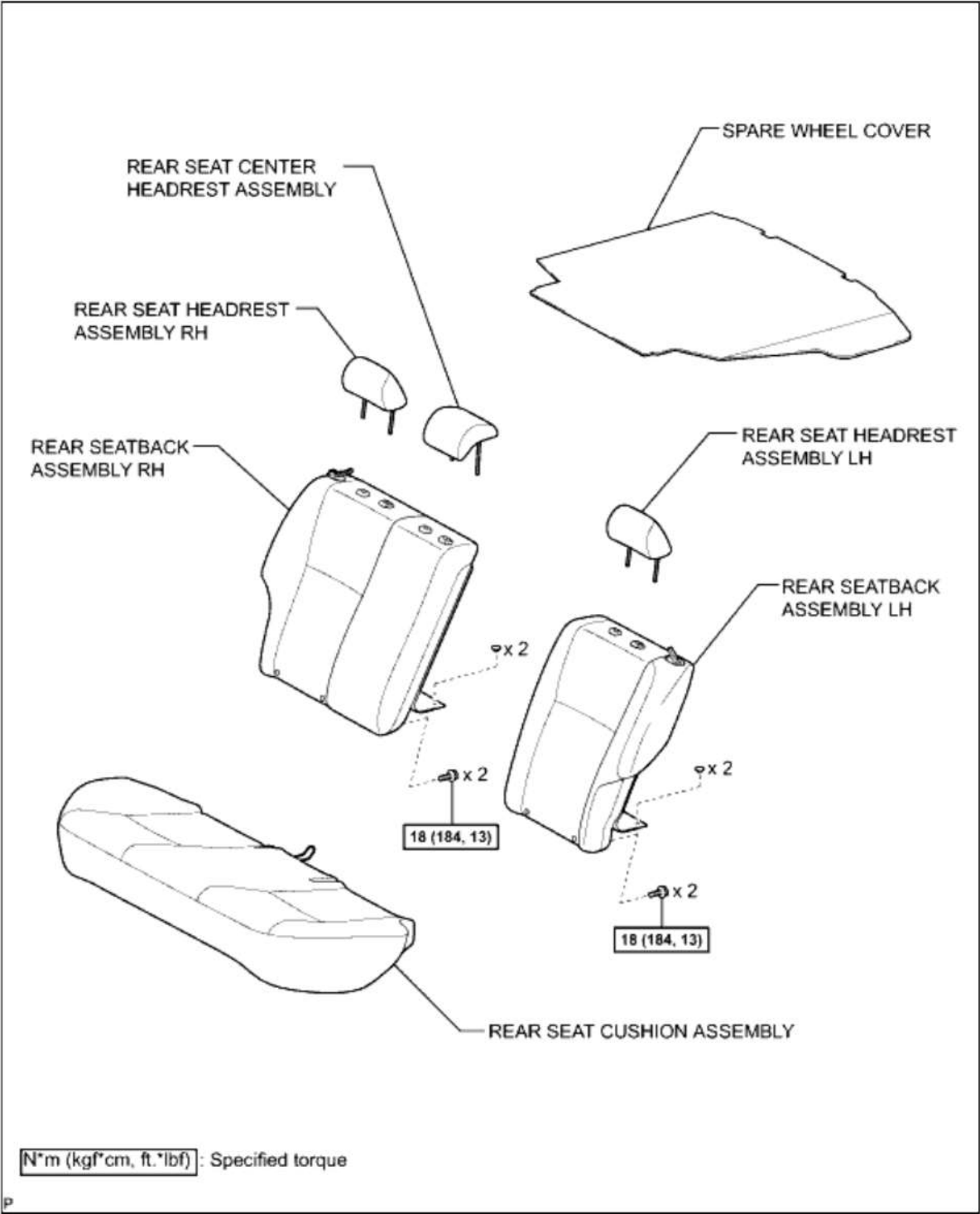
If the result is not as specified, replace the switch.



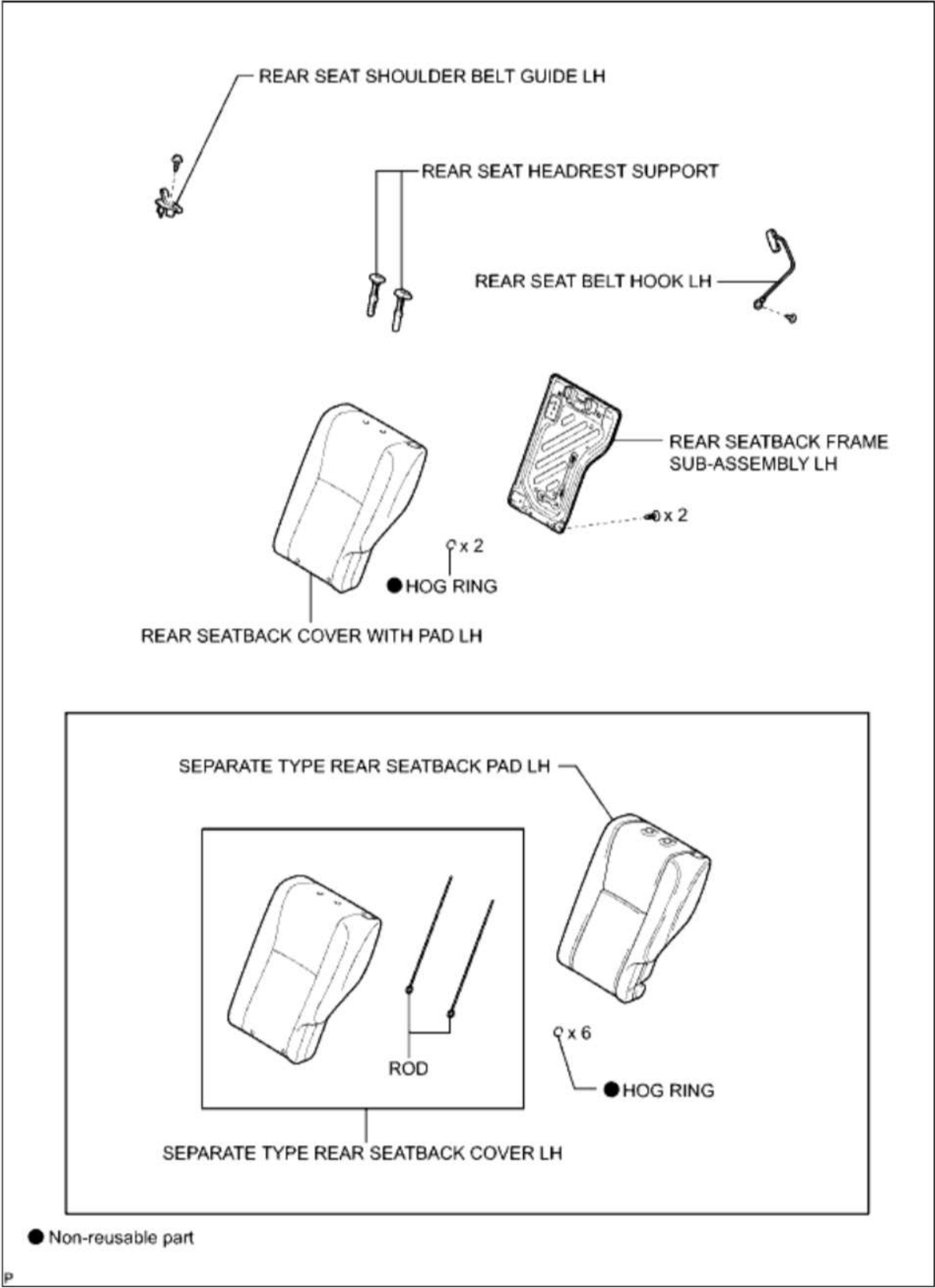
Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002XNV00EX
Title: SEAT: REAR SEAT ASSEMBLY: COMPONENTS (2010 Corolla)		

COMPONENTS

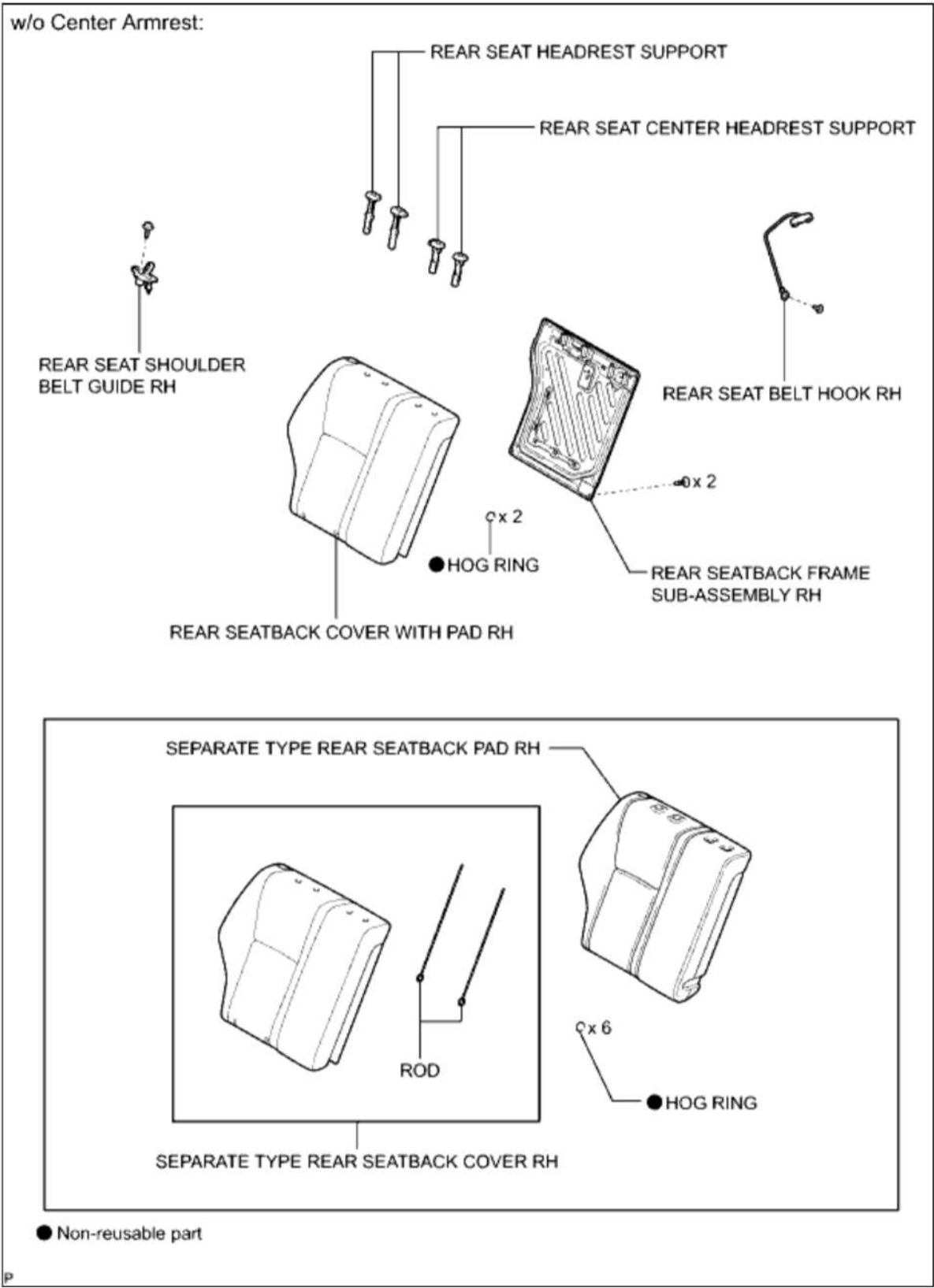
ILLUSTRATION



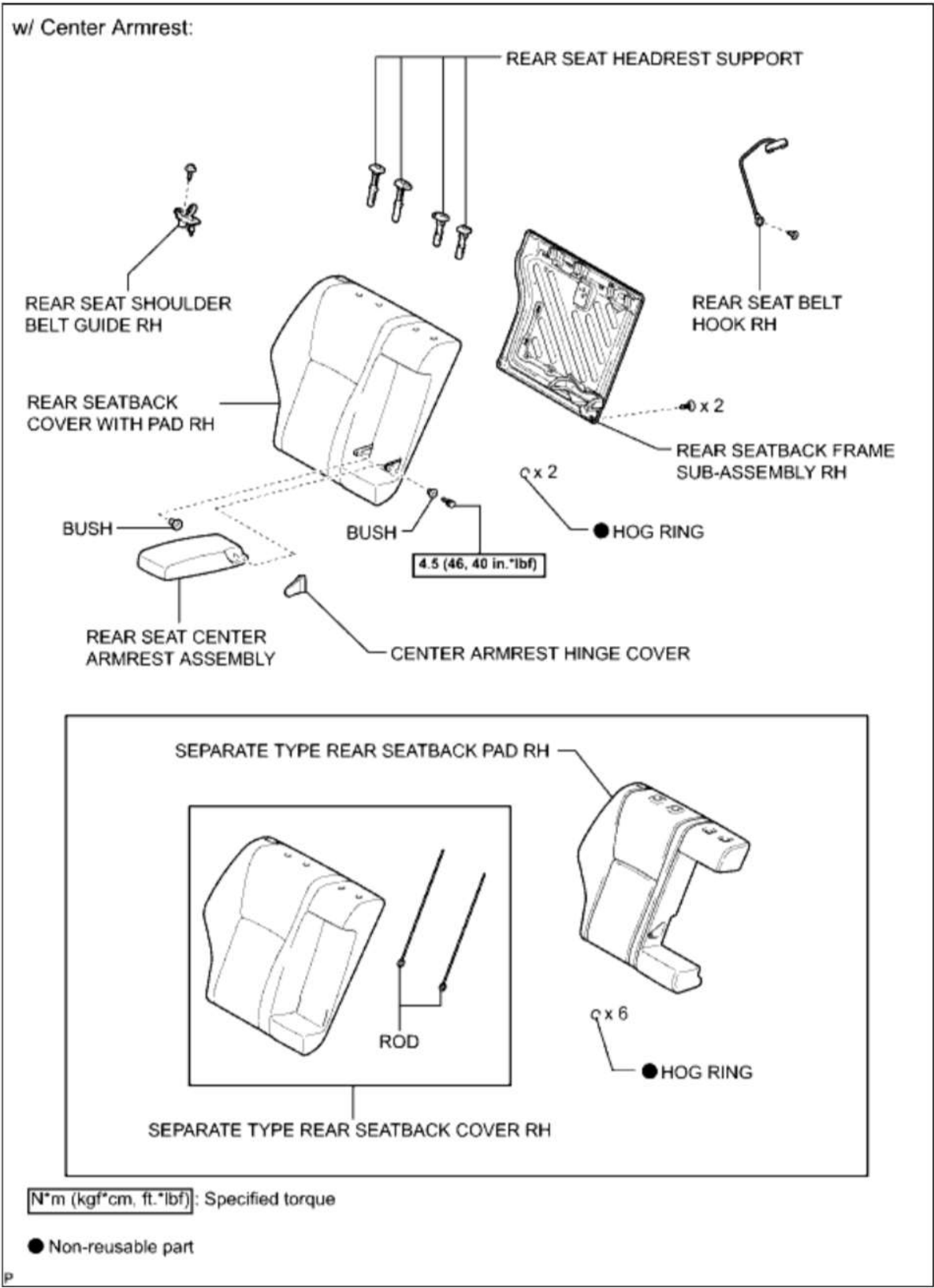
ILLUSTRATION



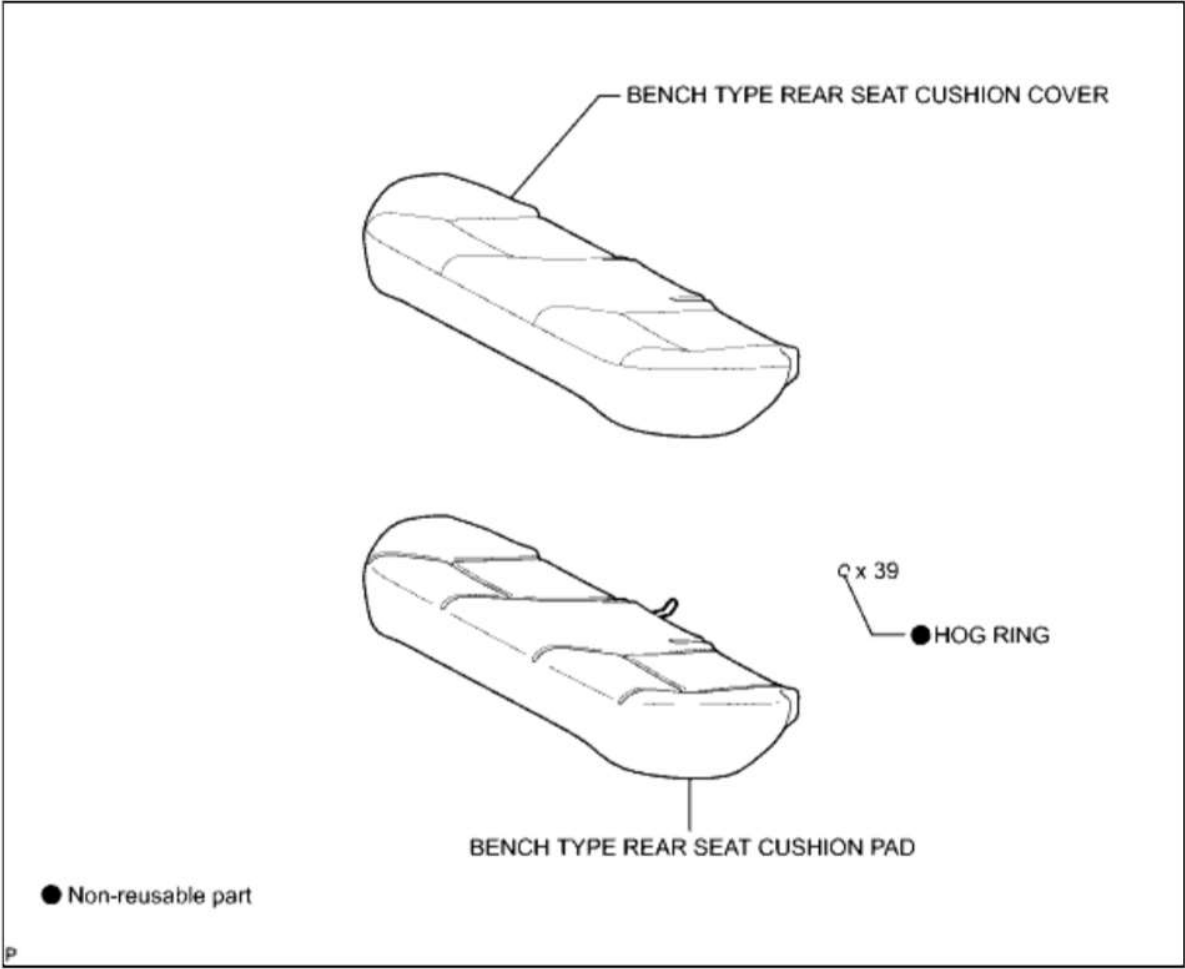
ILLUSTRATION



ILLUSTRATION



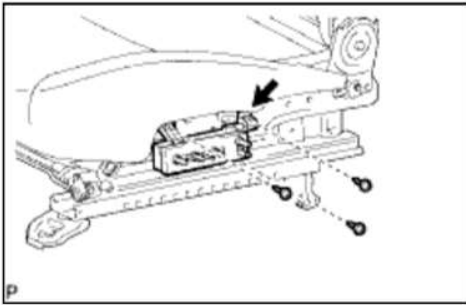
ILLUSTRATION



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000Z8T03DX
Title: SEAT: POWER SEAT SWITCH: INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL POWER SEAT SWITCH



(a) Connect the connector.

(b) Install the power seat switch with the 3 screws.

2. INSTALL FRONT SEAT CUSHION SHIELD ASSEMBLY

3. INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB

4. INSTALL RECLINING POWER SEAT SWITCH KNOB

5. INSTALL FRONT SEAT ASSEMBLY

6. INSTALL INNER SEAT TRACK COVER

7. INSTALL OUTER SEAT TRACK COVER

8. INSTALL FRONT SEAT HEADREST ASSEMBLY

9. INSPECT FRONT SEAT ASSEMBLY

10. INSPECT SRS WARNING LIGHT

HINT:

Inspect the SRS warning light .



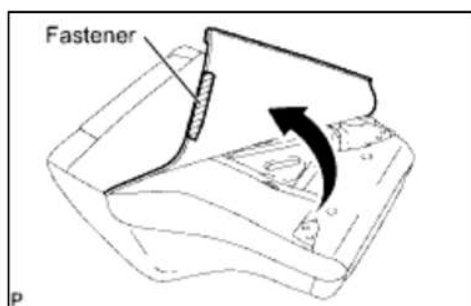
Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002XNX00GX
Title: SEAT: REAR SEAT ASSEMBLY: DISASSEMBLY (2010 Corolla)		

DISASSEMBLY

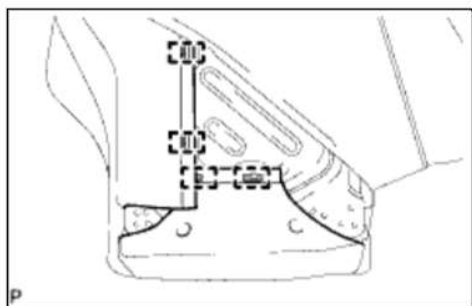
1. REMOVE REAR SEATBACK COVER WITH PAD LH



(a) Using a clip remover, remove the 2 clips.

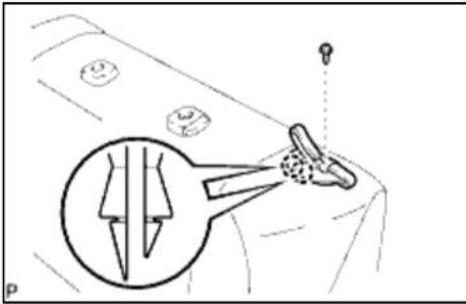
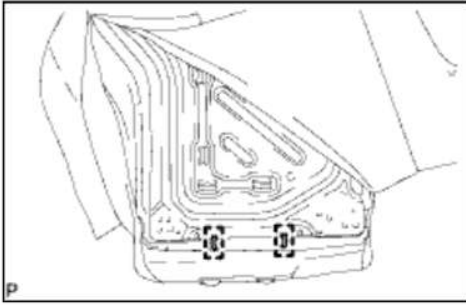


(b) Unfasten and flip back the rear seatback cover with pad LH as shown in the illustration.



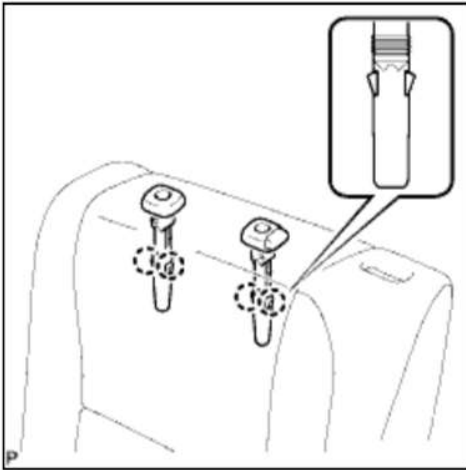
(c) Disengage the 4 hooks.

(d) Remove the 2 hog rings.



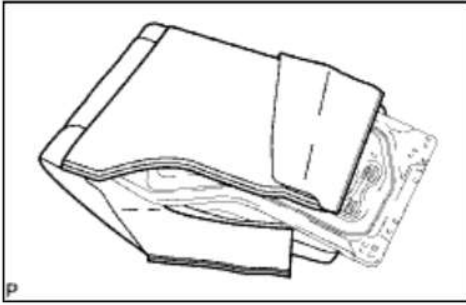
(e) Remove the screw.

(f) Disengage the 2 claws and remove the rear seat shoulder belt guide LH.

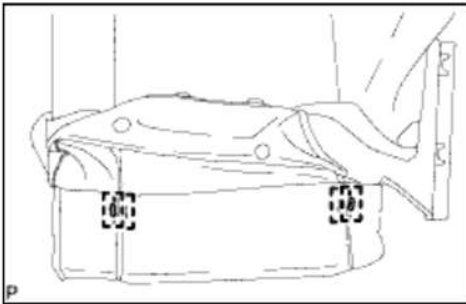


(g) Disengage the 4 claws and remove the 2 rear seat headrest supports.

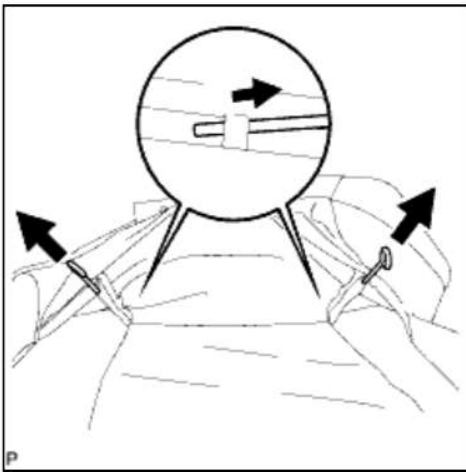
(h) Remove the rear seatback cover with pad LH from the rear seatback frame sub-assembly LH.



2. REMOVE SEPARATE TYPE REAR SEATBACK COVER LH

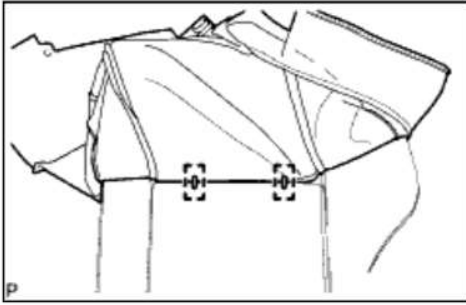


(a) Remove the 4 hog rings.

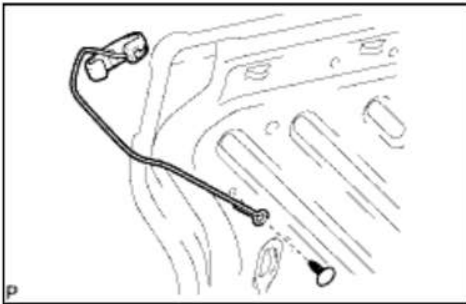


(b) Remove the rod from the separate type rear seatback cover LH as shown in the illustration.

(c) Remove the 2 hog rings and the separate type rear seatback cover LH.

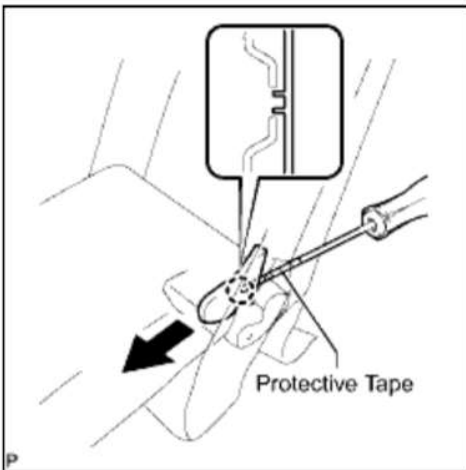


3. REMOVE REAR SEAT BELT HOOK LH



(a) Remove the clip and the rear seat belt hook LH.

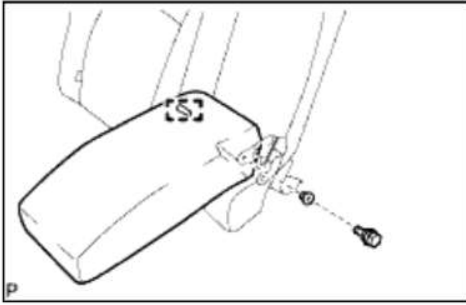
4. REMOVE CENTER ARMREST HINGE COVER (w/ Center Armrest)



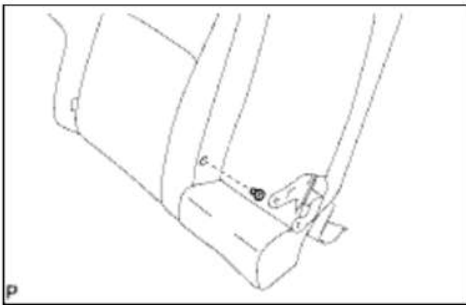
(a) Using a screwdriver with the tip taped, disengage the claw and remove the center armrest hinge cover as shown in the illustration.

5. REMOVE REAR SEAT CENTER ARMREST ASSEMBLY (w/ Center Armrest)

(a) Remove the bolt and bush.

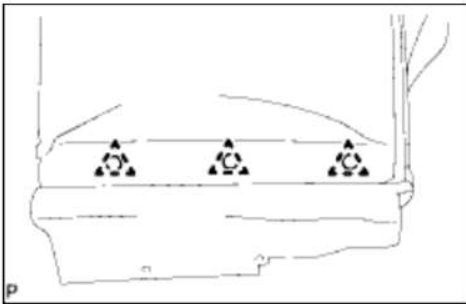


(b) Separate the pin and remove the center armrest assembly.

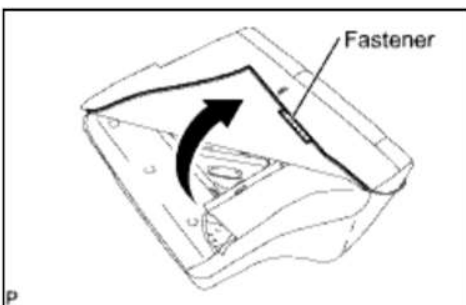


(c) Remove the bush.

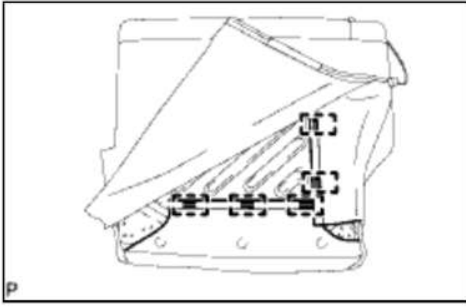
6. REMOVE REAR SEATBACK COVER WITH PAD RH



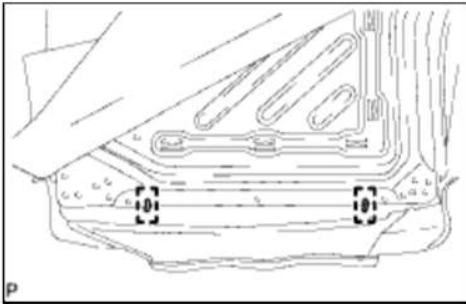
(a) Using a clip remover, remove the 3 clips.



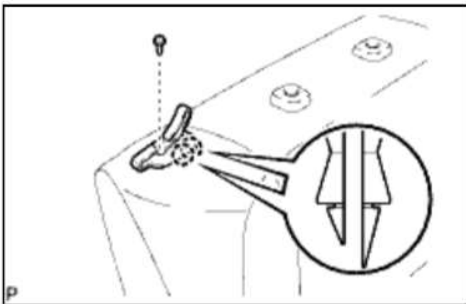
(b) Unfasten and flip back the rear seatback cover with pad LH as shown in the illustration.



(c) Disengage the 5 hooks.



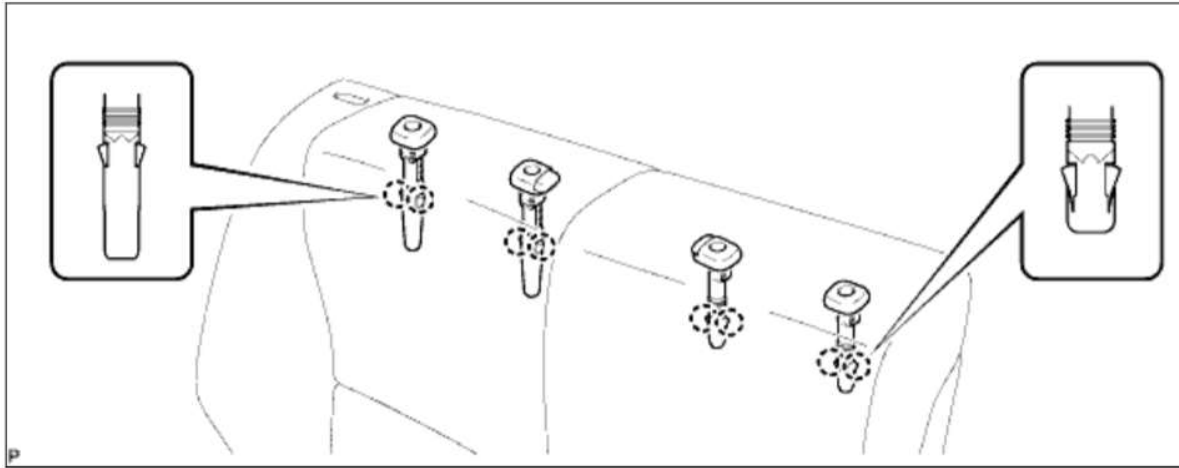
(d) Remove the 2 hog rings.



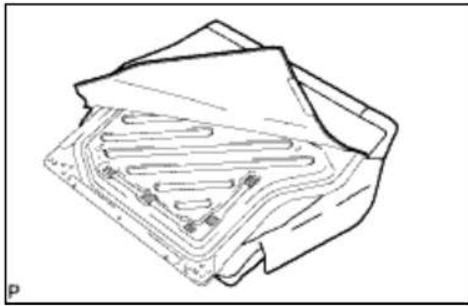
(e) Remove the screw.

(f) Disengage the 2 claws and remove the rear seat shoulder belt guide RH.

(g) Disengage the 4 claws and remove the 2 rear seat headrest supports.

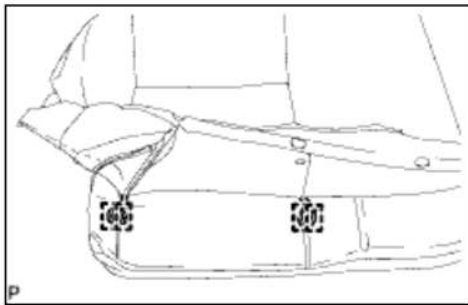


(h) Disengage the 4 claws and remove the 2 rear seat center headrest supports.



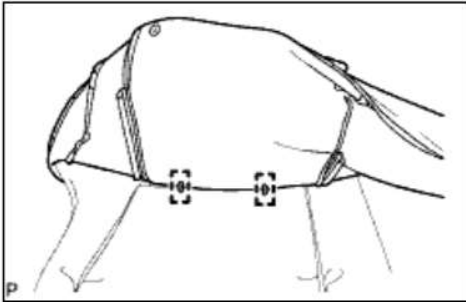
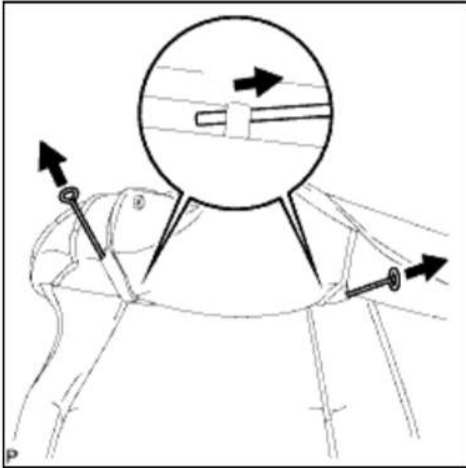
(i) Remove the rear seatback cover with pad RH from the rear seatback frame sub-assembly RH.

7. REMOVE SEPARATE TYPE REAR SEATBACK COVER RH



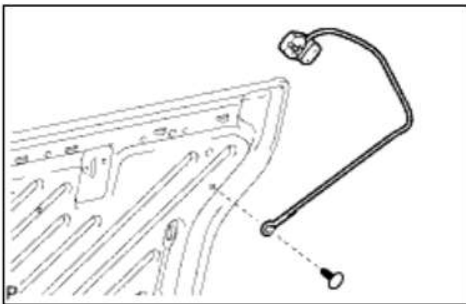
(a) Remove the 4 hog rings.

(b) Remove the rod from the separate type rear seatback cover RH as shown in the illustration.



(c) Remove the 2 hog rings and the separate type rear seatback cover RH.

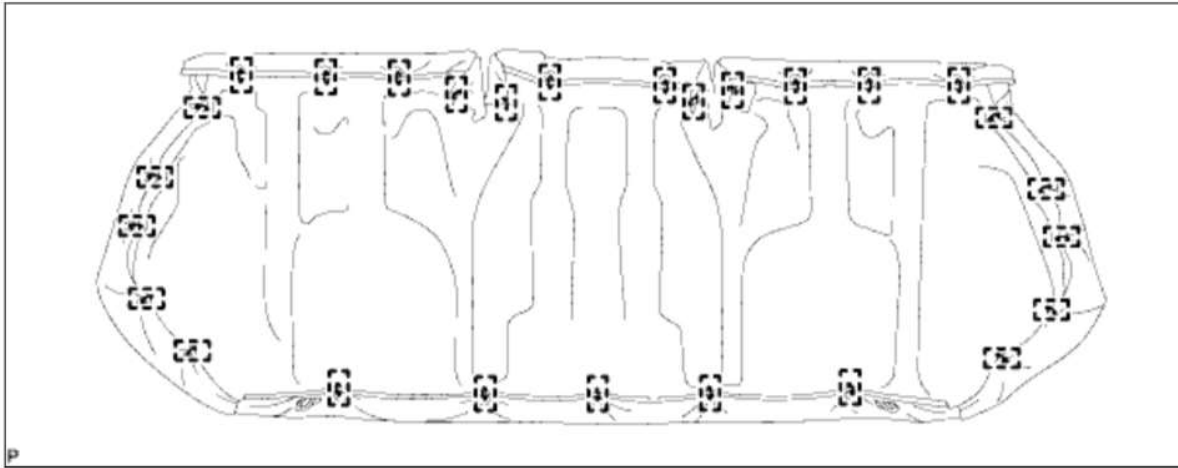
8. REMOVE REAR SEAT BELT HOOK RH



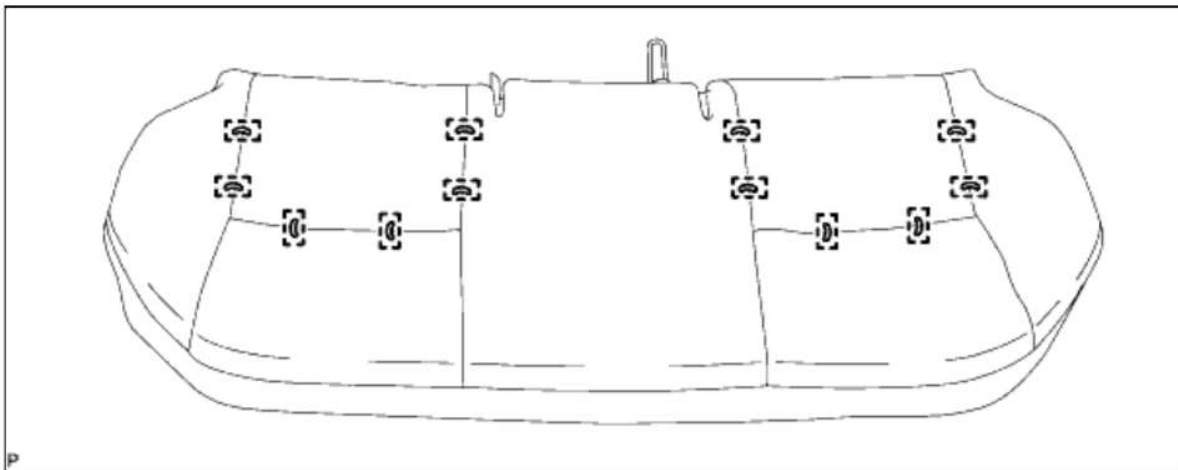
(a) Remove the clip and the rear seat belt hook RH.

9. REMOVE BENCH TYPE REAR SEAT CUSHION COVER

(a) Remove the 27 hog rings.



(b) Remove the 12 hog rings and the rear seat cushion cover sub-assembly.

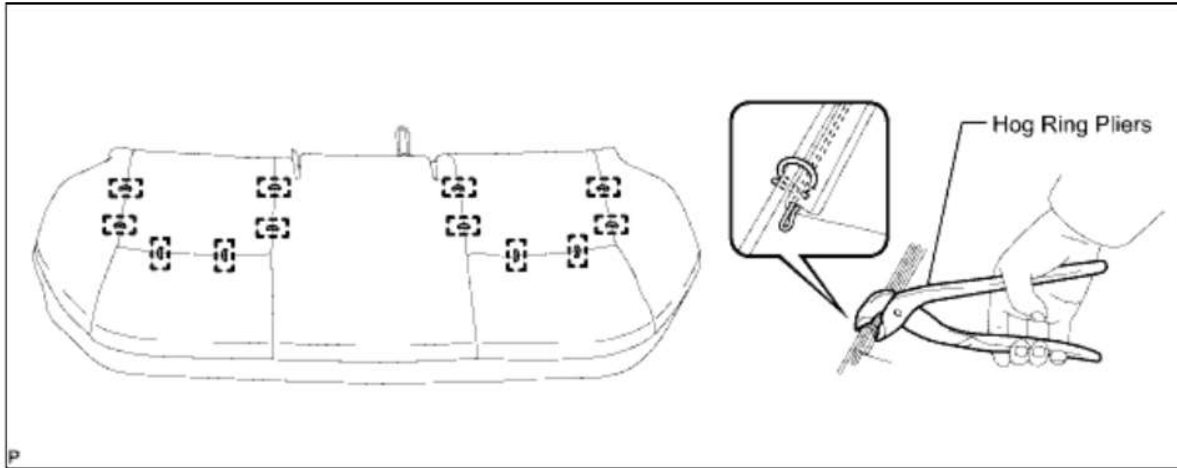


Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002XNY00GX
Title: SEAT: REAR SEAT ASSEMBLY: REASSEMBLY (2010 Corolla)		

REASSEMBLY

1. INSTALL BENCH TYPE REAR SEAT CUSHION COVER

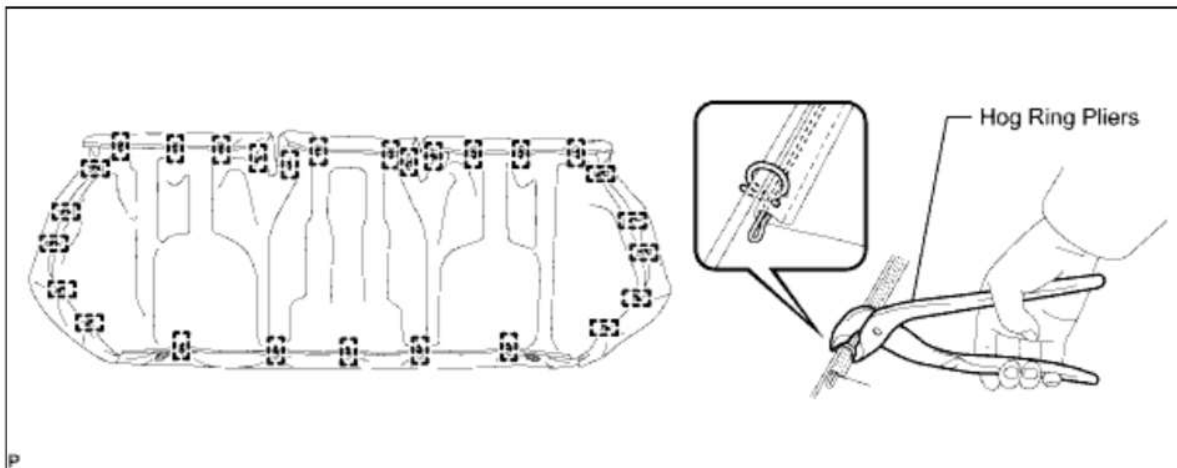
(a) Using hog ring pliers, install the rear seat cushion cover sub-assembly with 12 new hog rings.



NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.

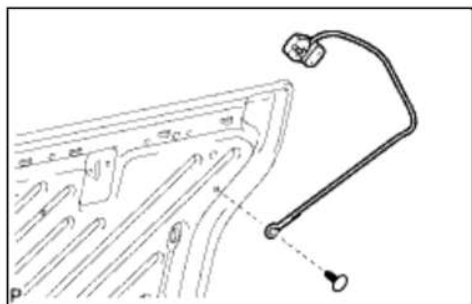
(b) Using hog ring pliers, install the rear seat cushion cover sub-assembly with 27 new hog rings.



NOTICE:

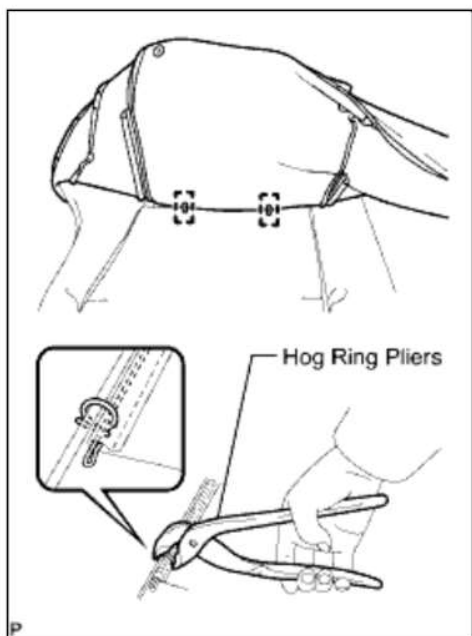
- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.

2. INSTALL REAR SEAT BELT HOOK RH



(a) Install the rear seat belt hook RH with the clip.

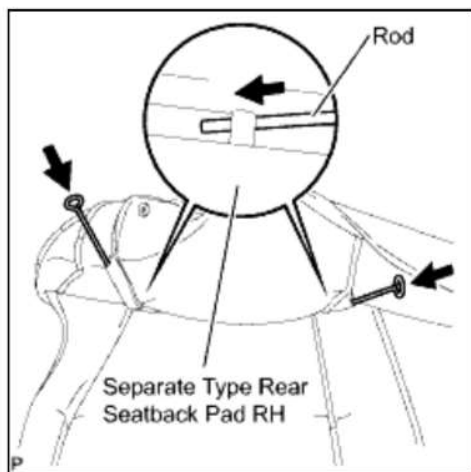
3. INSTALL SEPARATE TYPE REAR SEATBACK COVER RH



(a) Using hog ring pliers, install the separate type rear seatback cover RH to the separate type rear seatback pad RH with 2 new hog rings.

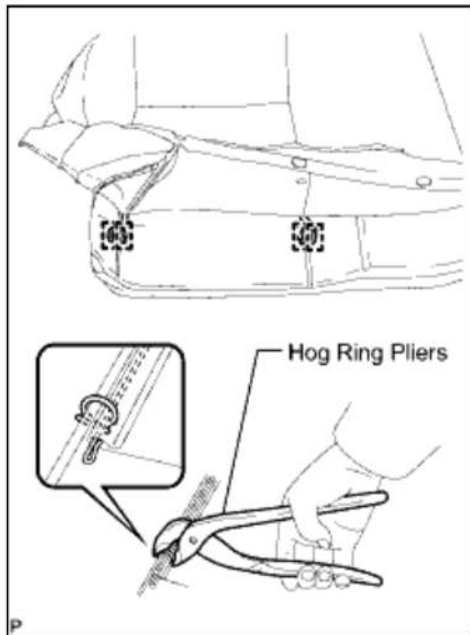
NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.



(b) Install the rod to the separate type rear seatback cover RH.

(c) Insert the rod to the separate type rear seatback pad RH as shown in the illustration.

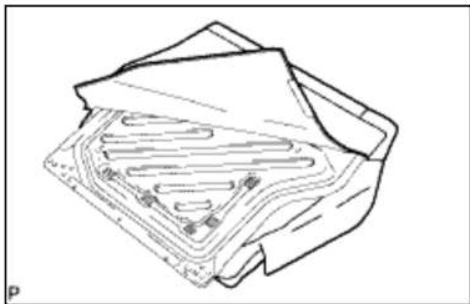


(d) Using hog ring pliers, install the separate type rear seatback cover RH to the separate type rear seatback pad RH with 4 new hog rings.

NOTICE:

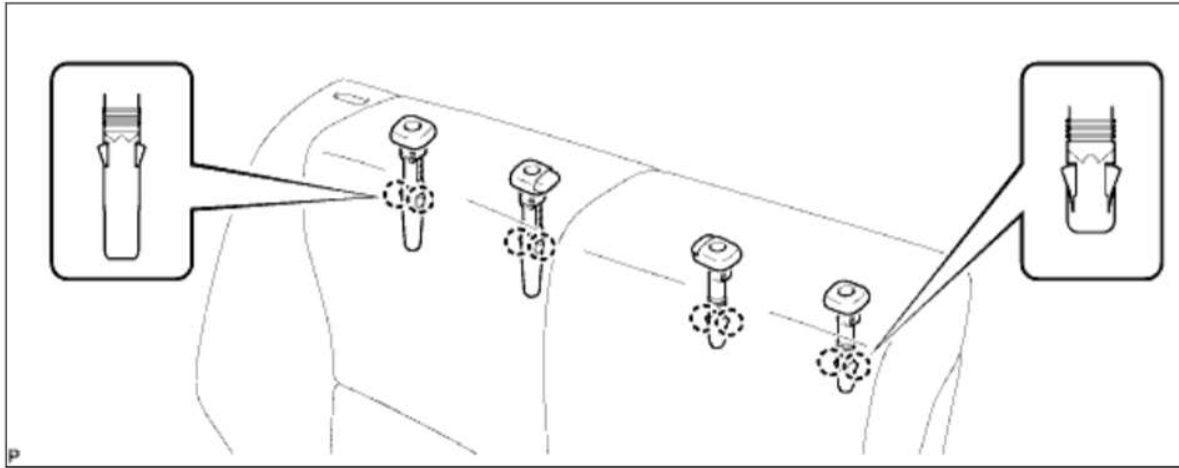
- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.

4. INSTALL REAR SEATBACK COVER WITH PAD RH

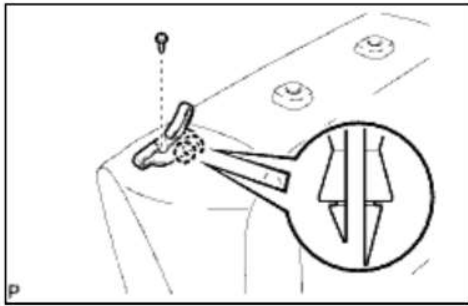


(a) Temporarily install the rear seatback cover with pad RH to the rear seatback frame sub-assembly RH.

(b) Engage the 4 claws and install the 2 rear seat center headrest supports.

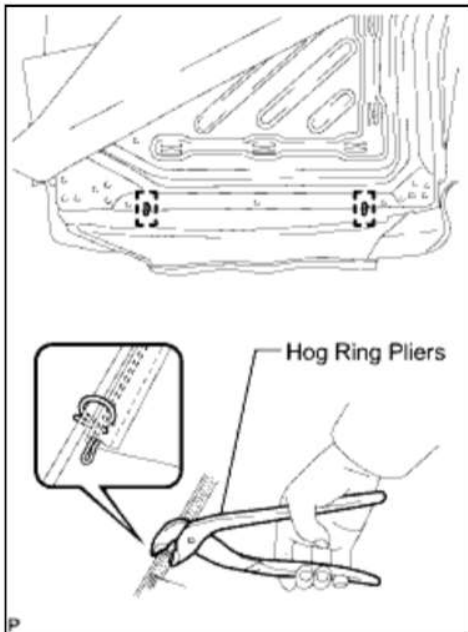


(c) Engage the 4 claws and install the 2 rear seat headrest supports.



(d) Engage the 2 claws.

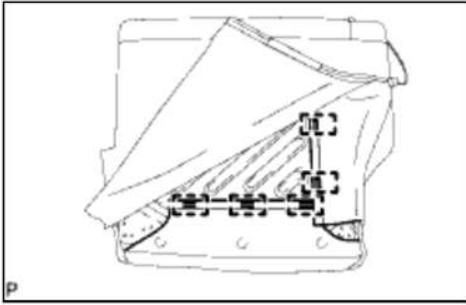
(e) Install the rear seat shoulder belt guide RH with the screw.



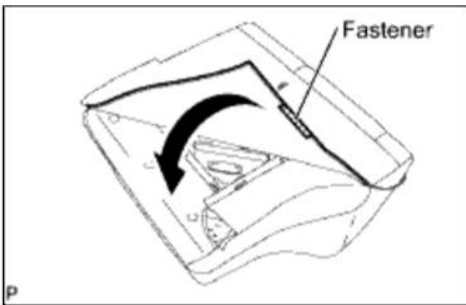
(f) Using hog ring pliers, install 2 new hog rings.

NOTICE:

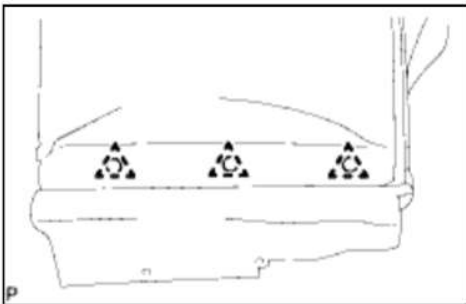
- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.



(g) Engage the 5 hooks.

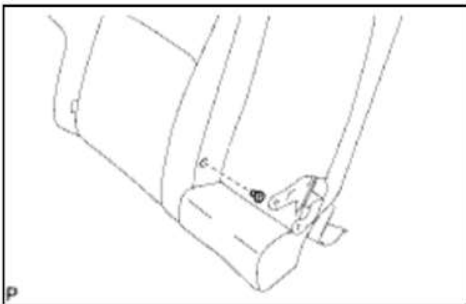


(h) Fasten the rear seatback cover with pad RH.

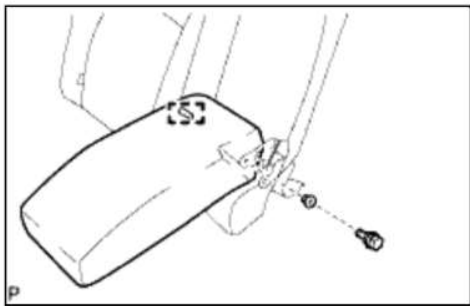


(i) Install the 3 clips.

5. INSTALL REAR SEAT CENTER ARMREST ASSEMBLY (w/ Center Armrest)



(a) Install the bush.

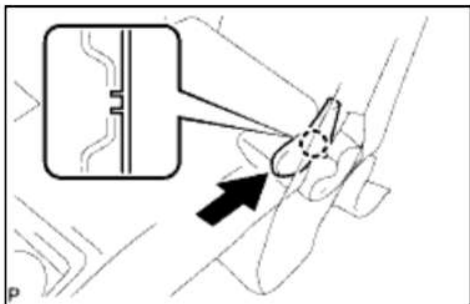


(b) Insert the pin into the rear seatback.

Torque: 4.5 N·m (46 kgf·cm, 40in·lbf)

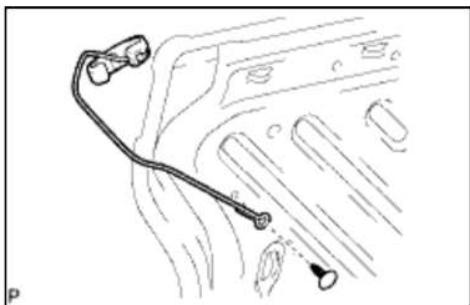
(c) Install the rear seat center armrest assembly with the bolt and bush.

6. INSTALL CENTER ARMREST HINGE COVER (w/ Center Armrest)



(a) Engage the claw and install the center armrest hinge cover as shown in the illustration.

7. INSTALL REAR SEAT BELT HOOK LH



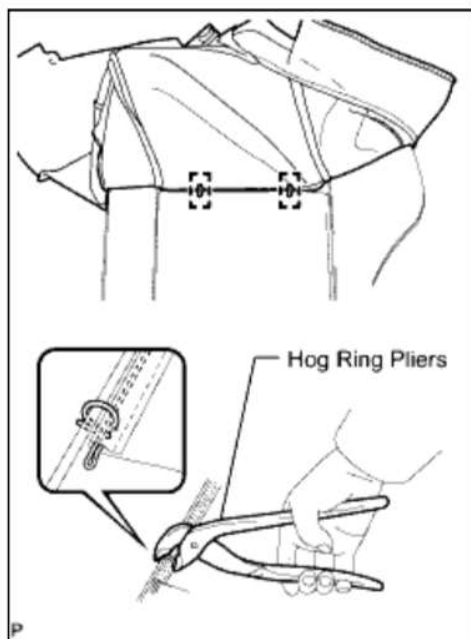
(a) Install the rear seat belt hook LH with the clip.

8. INSTALL SEPARATE TYPE REAR SEATBACK COVER LH

(a) Using hog ring pliers, install the separate type rear seatback cover LH to the separate type rear seatback pad LH with 2 new hog rings.

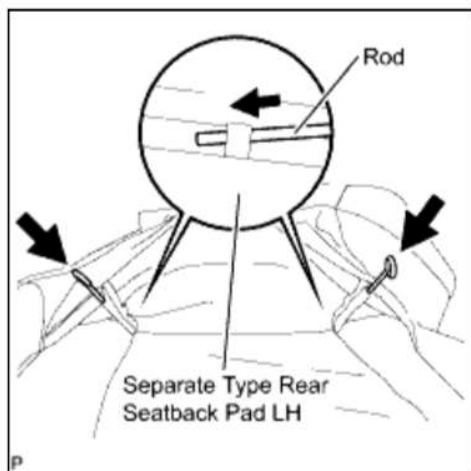
NOTICE:

- Be careful not to damage the cover.



- When installing the hog rings, take care to minimize wrinkles as much as possible.

(b) Install the rod to the separate type rear seatback cover LH.

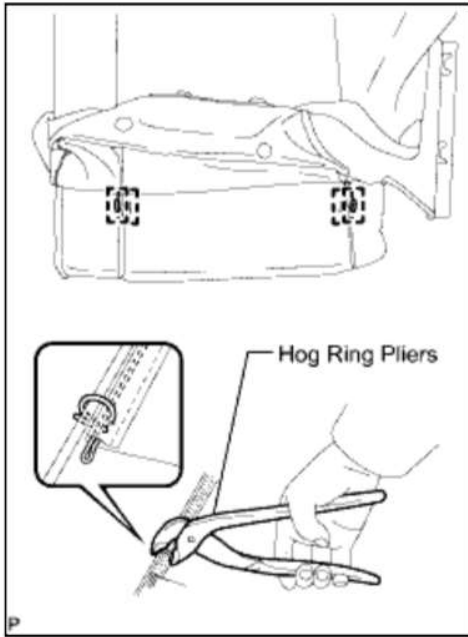


(c) Insert the rod to the separate type rear seatback pad LH as shown in the illustration.

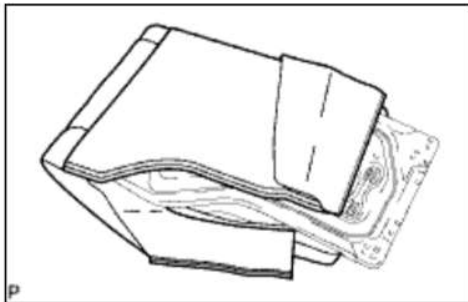
(d) Using hog ring pliers, install the separate type rear seatback cover LH to the separate type rear seatback pad LH with 4 new hog rings.

NOTICE:

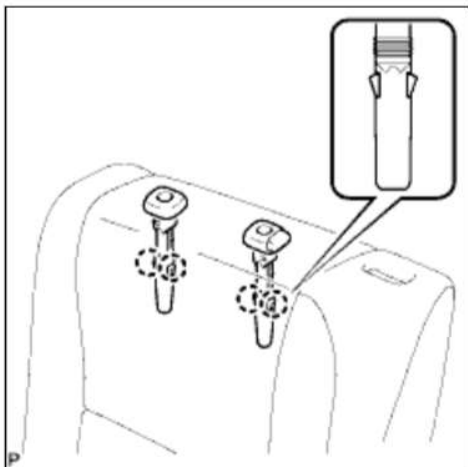
- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.



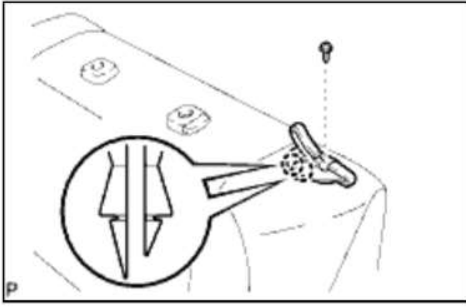
9. INSTALL REAR SEATBACK COVER WITH PAD LH



(a) Temporarily install the rear seatback cover with pad LH to the rear seatback frame sub-assembly LH.

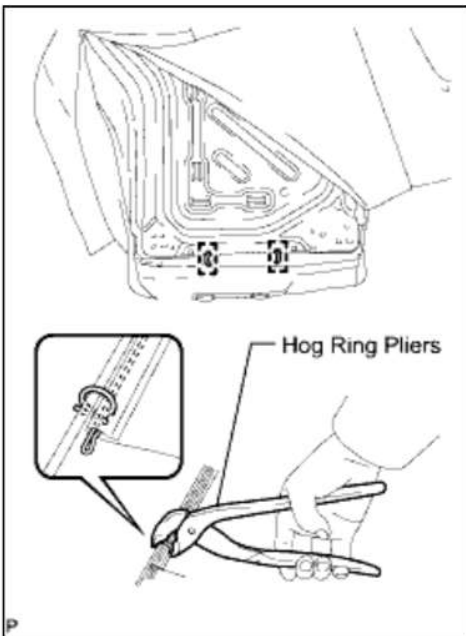


(b) Engage the 4 claws and install the 2 rear seat headrest supports.



(c) Engage the 2 claws.

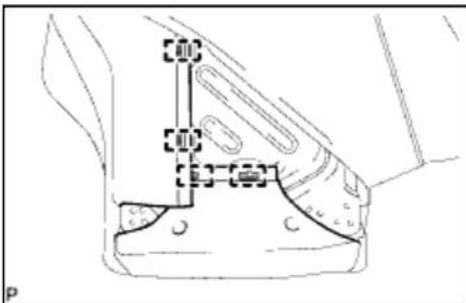
(d) Install the rear seat shoulder belt guide LH with the screw.



(e) Using hog ring pliers, install 2 new hog rings.

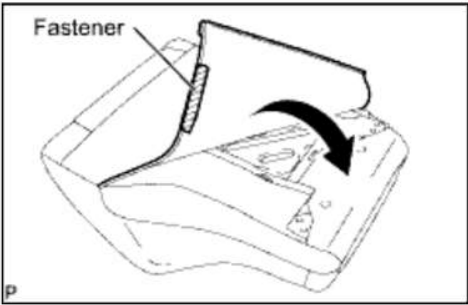
NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.



(f) Engage the 4 hooks.

(g) Fasten the rear seatback cover with pad LH.

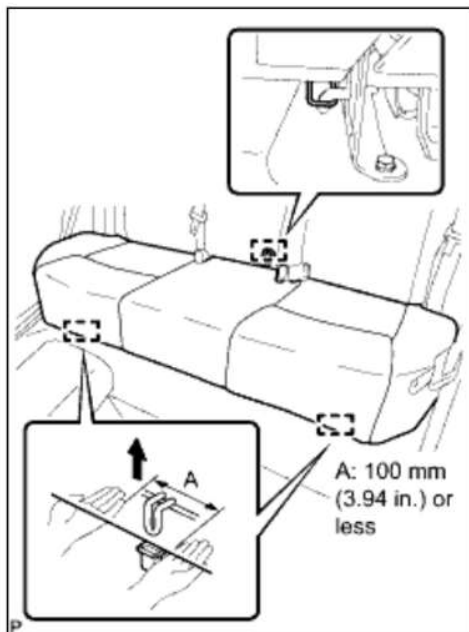


(h) Install the 2 clips.

Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002XNW00GX
Title: SEAT: REAR SEAT ASSEMBLY: REMOVAL (2010 Corolla)		

REMOVAL

1. REMOVE SPARE WHEEL COVER 
2. REMOVE REAR SEAT HEADREST ASSEMBLY LH
3. REMOVE REAR SEAT HEADREST ASSEMBLY RH
4. REMOVE REAR SEAT CENTER HEADREST ASSEMBLY
5. REMOVE REAR SEAT CUSHION ASSEMBLY



- (a) Detach the 2 front hooks of the seat cushion from the vehicle body as shown in the illustration.

NOTICE:

Follow the instructions below carefully as the cushion frame deforms easily.

- (1) Choose a hook to detach first. Place your hands near the hook as shown in the illustration. Then lift the seat cushion to detach the hook.
- (2) Repeat the above procedure for the other hook.

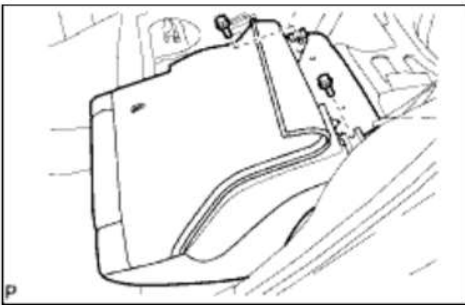
- (b) Detach the rear hook of the seat cushion from the seatback.
 (c) Remove the rear seat cushion assembly.

6. REMOVE REAR SEATBACK ASSEMBLY LH

- (a) Using a clip remover, remove the 2 rear seat back clips.



(b) Fold the rear seatback assembly LH forward.



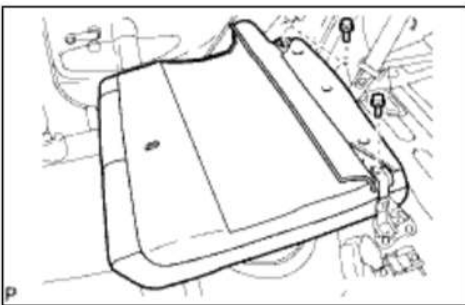
(c) Remove the 2 bolts and the rear seatback assembly LH.

7. REMOVE REAR SEATBACK ASSEMBLY RH



(a) Using a clip remover, remove the 2 rear seat back clips.

(b) Fold the rear seatback assembly RH forward.



(c) Remove the 2 bolts and the rear seatback assembly RH.



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Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002XNU00GX
Title: SEAT: REAR SEAT ASSEMBLY: INSTALLATION (2010 Corolla)		

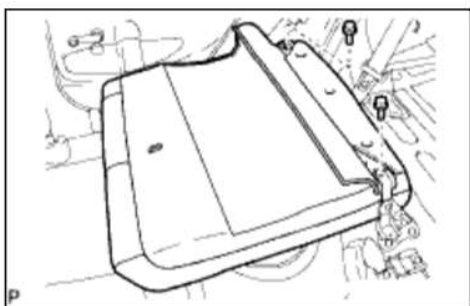
INSTALLATION

1. INSTALL REAR SEATBACK ASSEMBLY RH

- (a) Place the rear seatback assembly RH in the cabin.

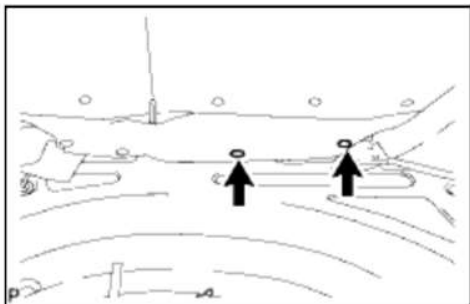
NOTICE:

Be careful not to damage the vehicle body.



- (b) Install the rear seatback assembly RH with the 2 bolts.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)



- (c) Install the 2 rear seatback clips.

2. INSTALL REAR SEATBACK ASSEMBLY LH

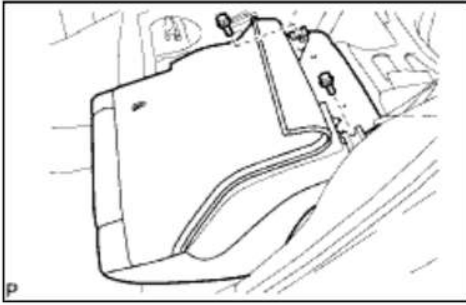
- (a) Place the rear seatback assembly LH in the cabin.

NOTICE:

Be careful not to damage the vehicle body.

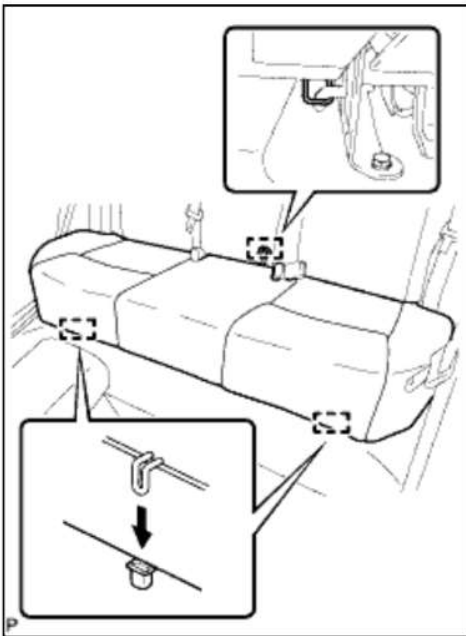
- (b) Install the rear seatback assembly LH with the 2 bolts.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)



(c) Install the 2 rear seatback clips.

3. INSTALL REAR SEAT CUSHION ASSEMBLY



(a) Attach the rear hook of the seat cushion to the seatback.

(b) Attach the 2 front hooks of the seat cushion to the vehicle body.

(c) Confirm that the seat cushion is firmly installed.

NOTICE:

When installing the seat cushion, make sure that the seat belt buckle is not under the seat cushion.

4. INSTALL REAR SEAT CENTER HEADREST ASSEMBLY

5. INSTALL REAR SEAT HEADREST ASSEMBLY RH

6. INSTALL REAR SEAT HEADREST ASSEMBLY LH

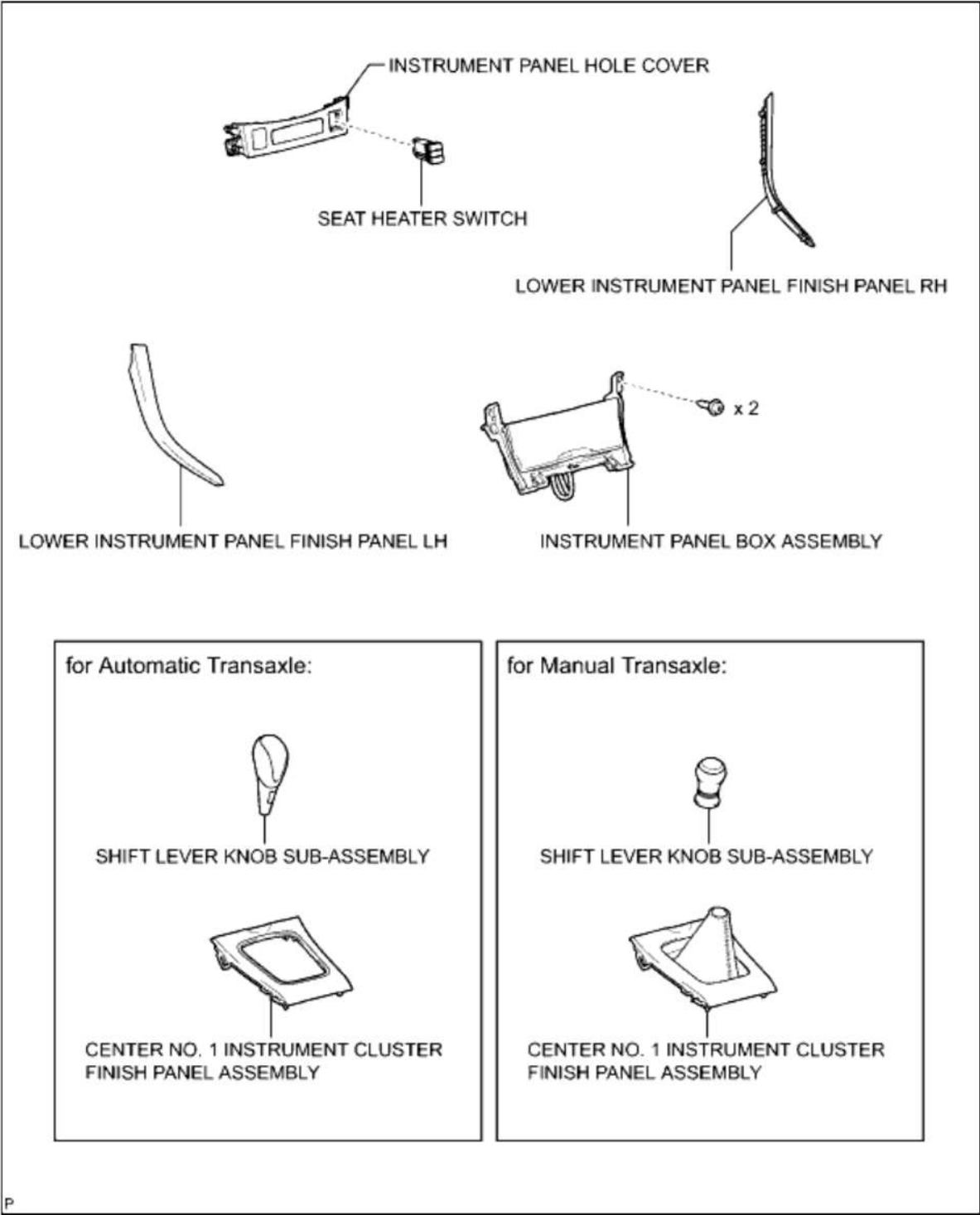
7. INSTALL SPARE WHEEL COVER 



Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003GVS001X
Title: SEAT: SEAT HEATER SWITCH: COMPONENTS (2010 Corolla)		

COMPONENTS

ILLUSTRATION



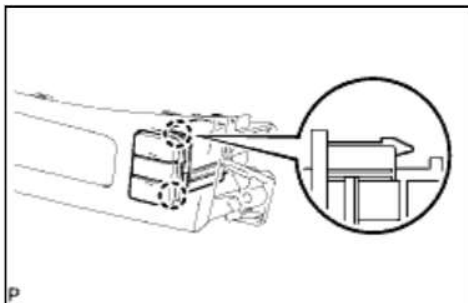


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Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002XO6004X
Title: SEAT: SEAT HEATER SWITCH: REMOVAL (2010 Corolla)		

REMOVAL

1. REMOVE LOWER INSTRUMENT PANEL FINISH PANEL LH [INFO](#)
2. REMOVE LOWER INSTRUMENT PANEL FINISH PANEL RH [INFO](#)
3. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (for Manual Transaxle) [INFO](#)
4. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (for Automatic Transaxle) [INFO](#)
5. REMOVE CENTER NO. 1 INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY (for Manual Transaxle) [INFO](#)
6. REMOVE CENTER NO. 1 INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY (for Automatic Transaxle) [INFO](#)
7. REMOVE INSTRUMENT PANEL BOX ASSEMBLY [INFO](#)
8. REMOVE INSTRUMENT PANEL HOLE COVER [INFO](#)
9. REMOVE SEAT HEATER SWITCH



(a) Disengage the 2 claws and remove the seat heater switch.



Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003H56001X
Title: SEAT: SEAT HEATER SWITCH: INSPECTION (2010 Corolla)		

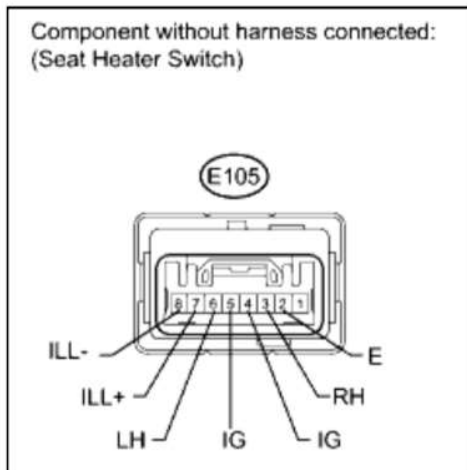
INSPECTION

1. INSPECT SEAT HEATER SWITCH

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

Standard Resistance:

LH Side



TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
E105-5 (IG) - E105-6 (LH)	OFF	10 k Ω or higher
E105-5 (IG) - E105-6 (LH)	ON	Below 1 Ω

RH Side

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
E105-4 (IG) - E105-3 (RH)	OFF	10 k Ω or higher
E105-4 (IG) - E105-3 (RH)	ON	Below 1 Ω

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

(b) Turn the seat heater switch on and check if the seat heater switch indicator comes on.

OK:

LH Side

CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
Battery positive (+) → E105-5 (IG) Battery negative (-) → E105-2 (E)	ON	Comes on

RH Side

CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
Battery positive (+) → E105-4 (IG) Battery negative (-) → E105-2 (E)	ON	Comes on

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

(c) Check if the seat heater switch comes on.

OK:

CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
Battery positive (+) → E105-7 (ILL+) Battery negative (-) → E105-8 (ILL-)	Always	Comes on

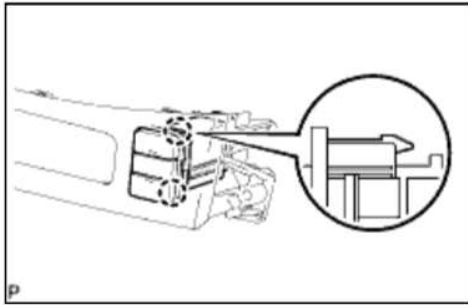
If the result is not as specified, replace the seat heater switch.



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002XO4004X
Title: SEAT: SEAT HEATER SWITCH: INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL SEAT HEATER SWITCH



(a) Engage the 2 claws and install the seat heater switch.

2. INSTALL INSTRUMENT PANEL HOLE COVER

3. INSTALL INSTRUMENT PANEL BOX ASSEMBLY

4. INSTALL CENTER NO. 1 INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY (for Manual Transaxle)

5. INSTALL CENTER NO. 1 INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY (for Automatic Transaxle)

6. INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY (for Manual Transaxle)

7. INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY (for Automatic Transaxle)

8. INSTALL LOWER INSTRUMENT PANEL FINISH PANEL RH

9. INSTALL LOWER INSTRUMENT PANEL FINISH PANEL LH



Last Modified: 3-10-2010	6.4 L	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003INR002X
Title: SEAT: SEAT HEATER SYSTEM: PRECAUTION (2010 Corolla)		

PRECAUTION

1. EXPRESSIONS OF IGNITION SWITCH

(a) The type of ignition switch used on this model differs according to the specifications of the vehicle.

The expressions listed in the table below are used in this section.

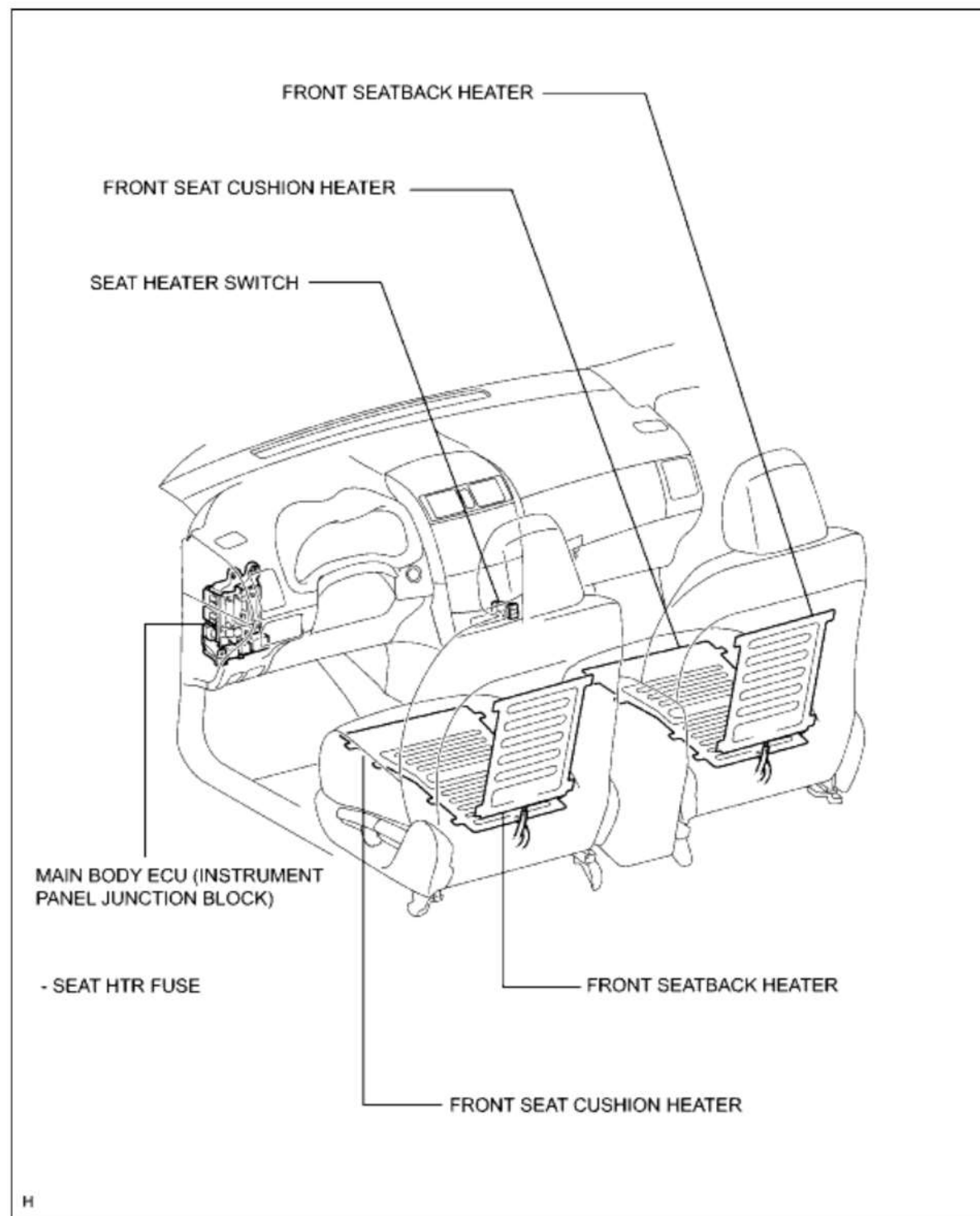
EXPRESSION	SWITCH TYPE	
	IGNITION SWITCH (POSITION)	ENGINE SWITCH (CONDITION)
Ignition Switch off	LOCK	Off
Ignition Switch ON	ON	On (IG)
Ignition Switch ACC	ACC	On (ACC)
Engine Start	START	Start



Last Modified: 3-10-2010	6.4 R	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000001M2600JX
Title: SEAT: SEAT HEATER SYSTEM: PARTS LOCATION (2010 Corolla)		

PARTS LOCATION

ILLUSTRATION

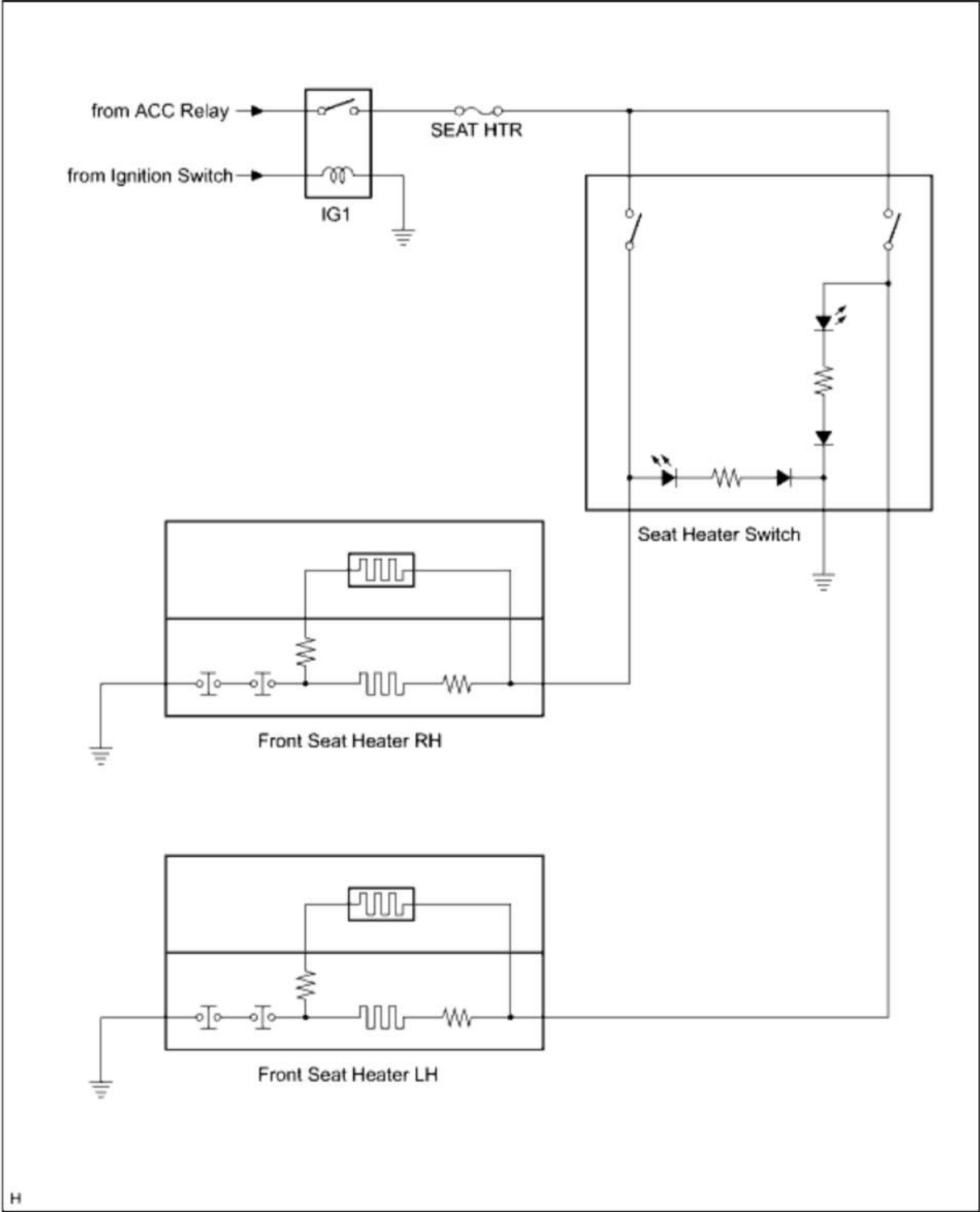




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Last Modified: 3-10-2010	6.4 U	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000001M2800JX
Title: SEAT: SEAT HEATER SYSTEM: SYSTEM DIAGRAM (2010 Corolla)		

SYSTEM DIAGRAM



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Last Modified: 3-10-2010	6.4 T	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000001M7S00KX
Title: SEAT: SEAT HEATER SYSTEM: 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.

Seat Heater System

SYMPTOM	SUSPECTED AREA	SEE PAGE
Driver side and front passenger side seat heater do not operate.	SEAT HTR fuse	-
	Wire harness or connector	-
Driver side seat heater does not warm up.	Seat heater switch (driver side switch)	INFO
	Front seat cushion heater (driver side switch)	INFO
	Front seatback heater (driver side switch)	INFO
	Wire harness or connector	-
Passenger side seat heater does not warm up.	Seat heater switch (passenger side switch)	INFO
	Front seat cushion heater (passenger side switch)	INFO
	Front seatback heater (passenger side switch)	INFO
	Wire harness or connector	-