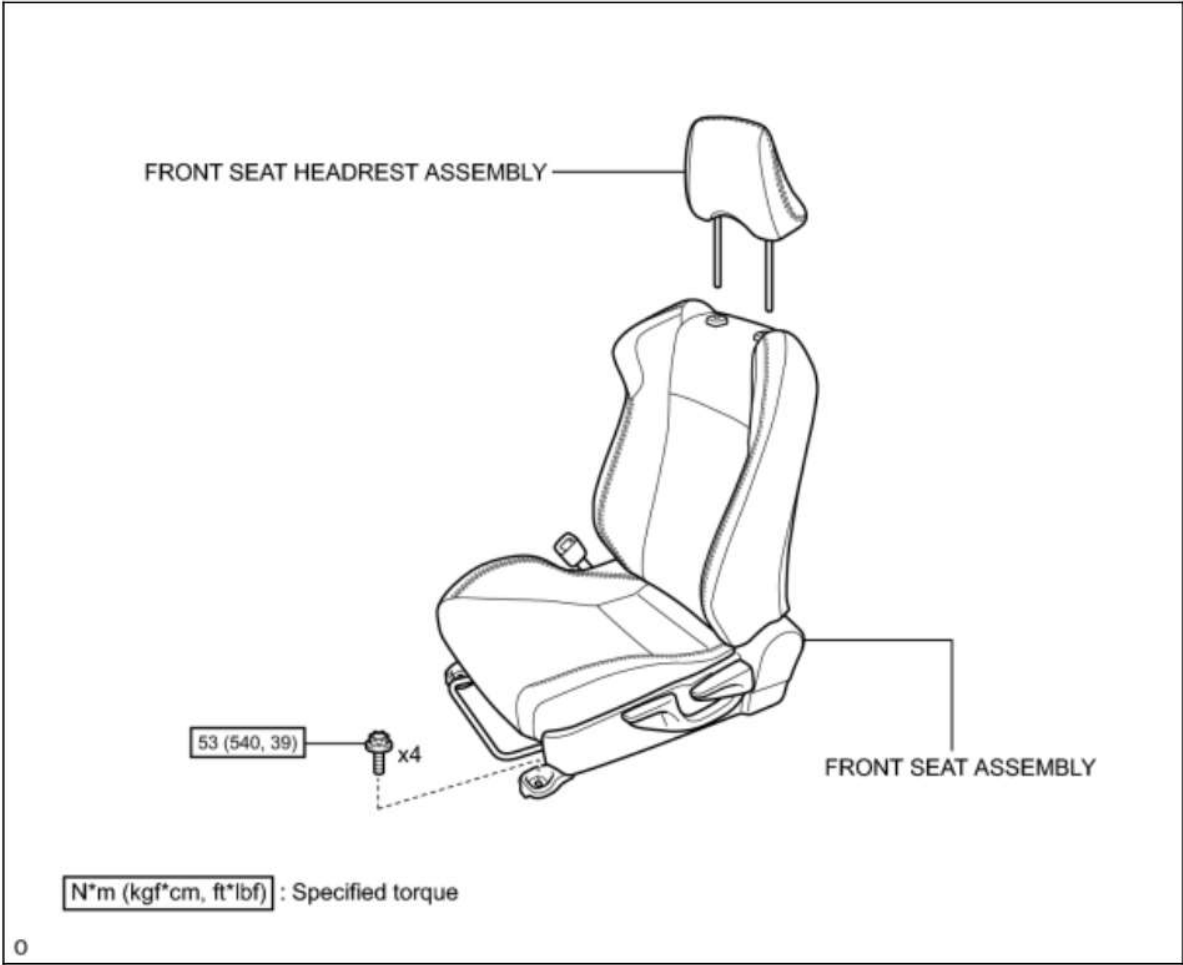


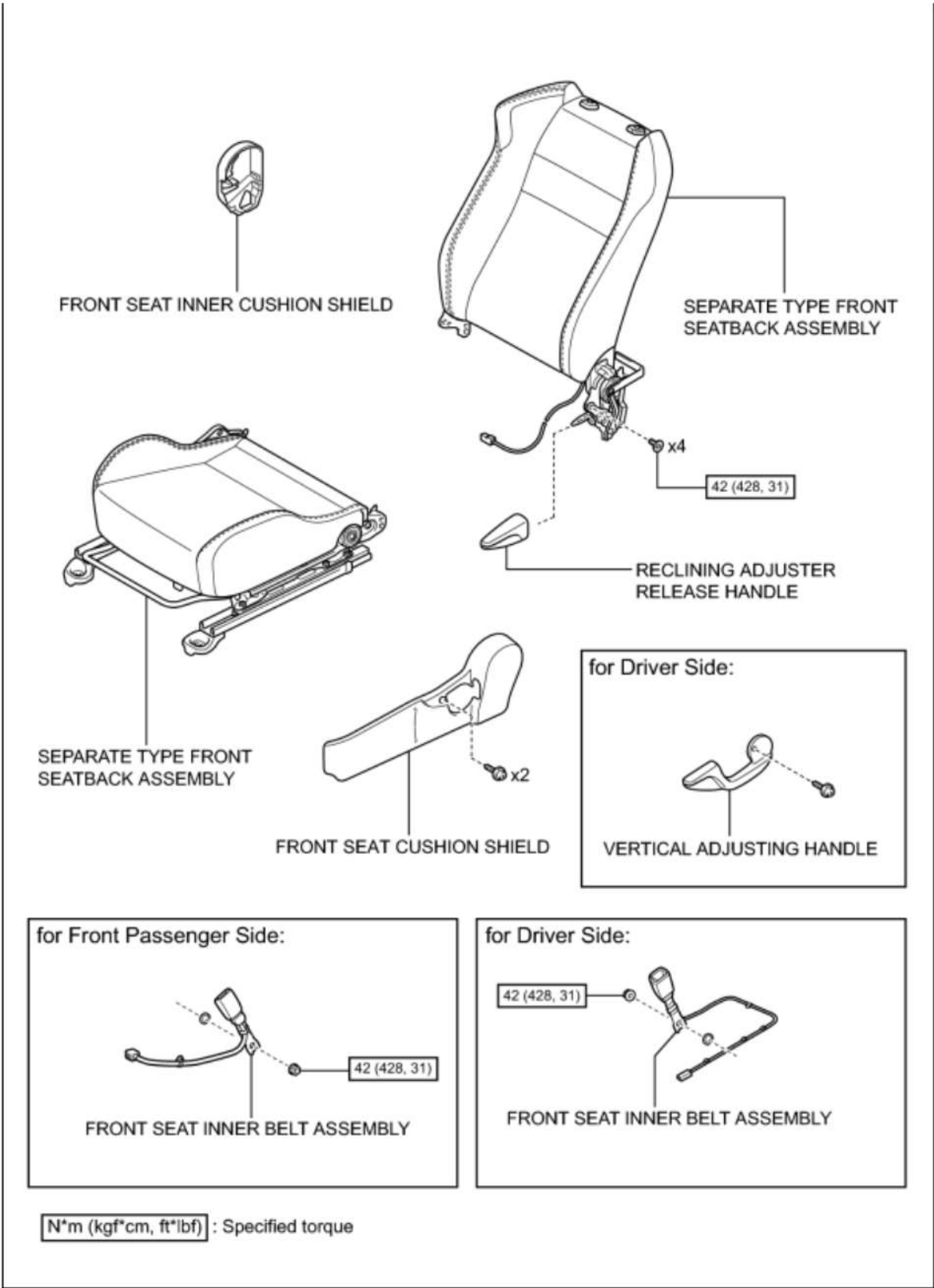
Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000001WAY01DX
Title: SEAT: FRONT SEAT ASSEMBLY: COMPONENTS (2013 FR-S)		

COMPONENTS

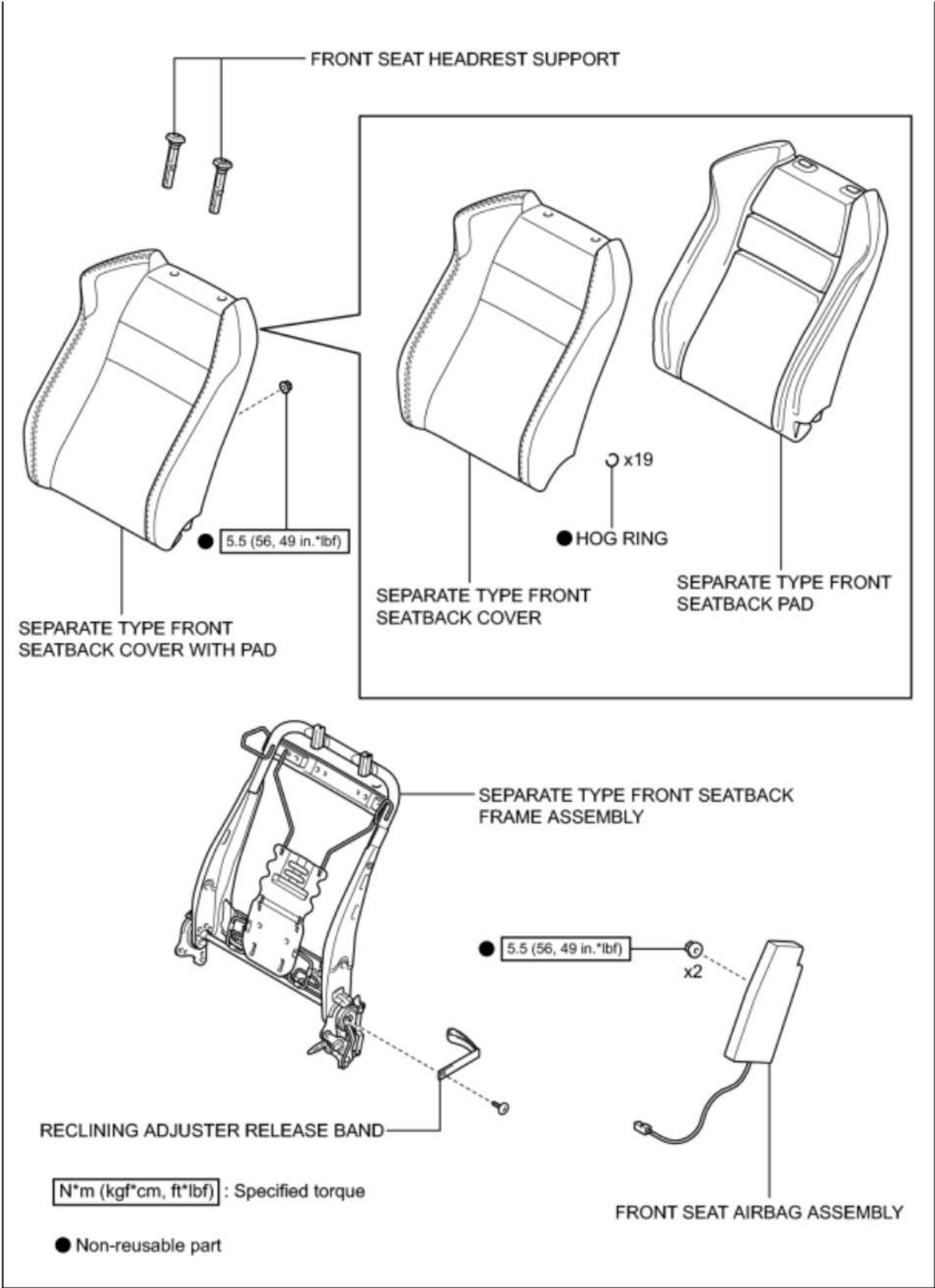
ILLUSTRATION



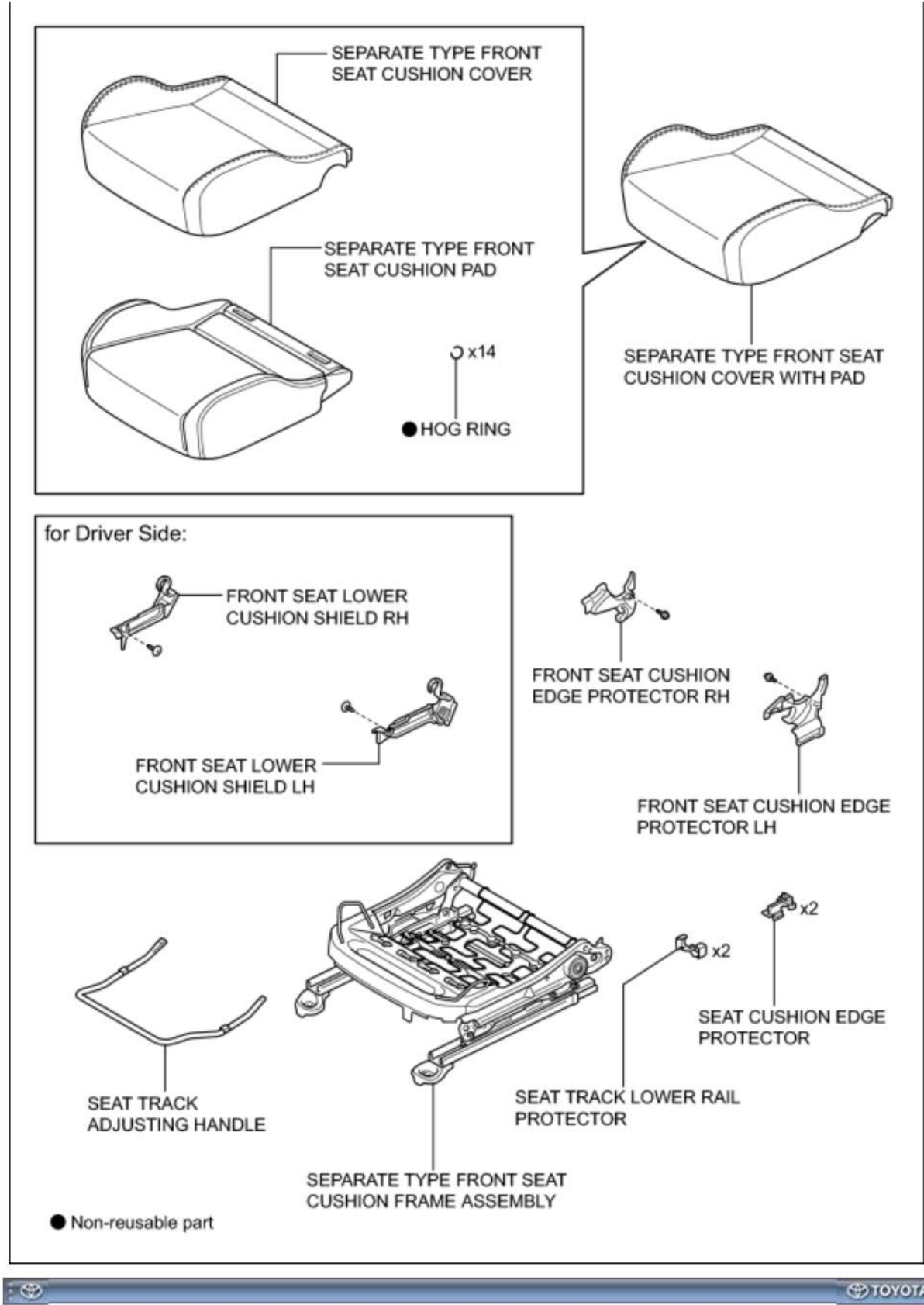
ILLUSTRATION



ILLUSTRATION



ILLUSTRATION



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000001WB0028X
Title: SEAT: FRONT SEAT ASSEMBLY: DISASSEMBLY (2013 FR-S)		

DISASSEMBLY

1. REMOVE RECLINING ADJUSTER RELEASE HANDLE

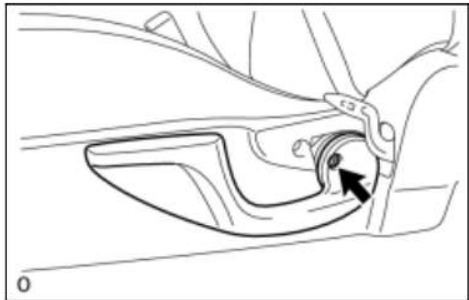


(a) Using a screwdriver with its tip wrapped with protective tape, disengage the claw and remove the reclining adjuster release handle.

Text in Illustration

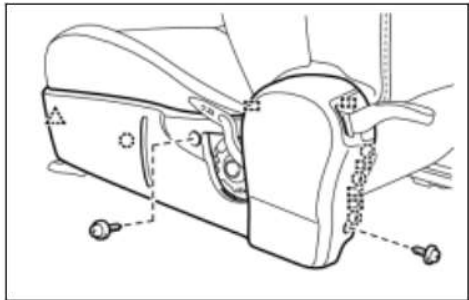
*1	Protective Tape
----	-----------------

2. REMOVE VERTICAL ADJUSTING HANDLE (for Driver Side)



(a) Remove the screw and vertical adjusting handle.

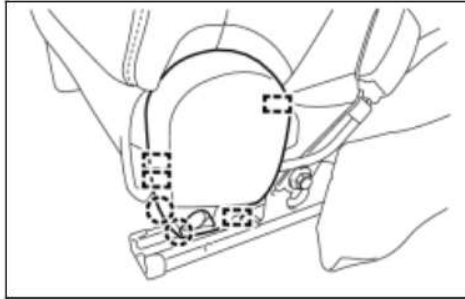
3. REMOVE FRONT SEAT CUSHION SHIELD



(a) Remove the 2 screws.

(b) Disengage the 4 claws, 5 guides and clip to remove the front seat cushion shield.

4. REMOVE FRONT SEAT INNER CUSHION SHIELD

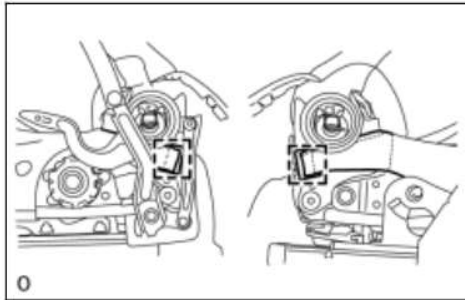


(a) Disengage the 2 claws and 4 guides to remove the front seat inner cushion shield.

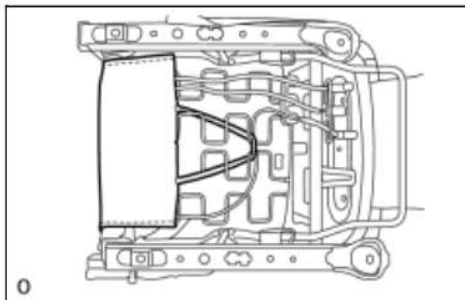
5. REMOVE FRONT SEAT INNER BELT ASSEMBLY (for Driver Side) INFO

6. REMOVE FRONT SEAT INNER BELT ASSEMBLY (for Front Passenger Side) INFO

7. REMOVE SEPARATE TYPE FRONT SEATBACK ASSEMBLY

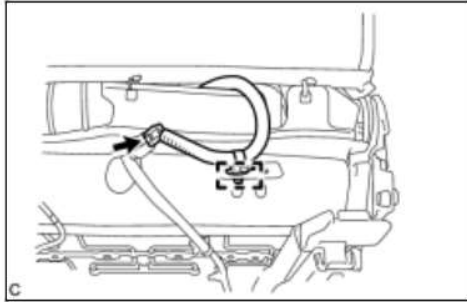
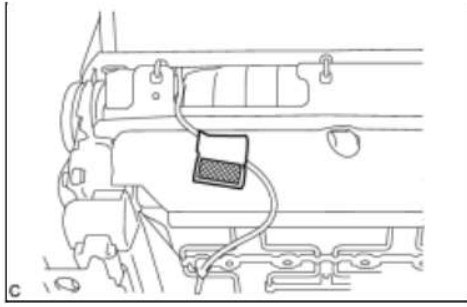


(a) Disengage the 2 hooks.

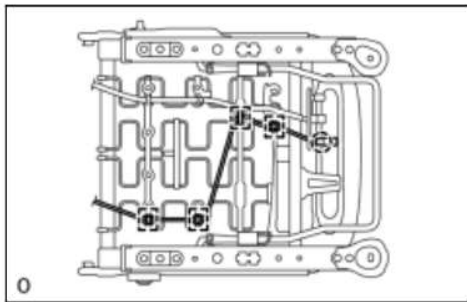


(b) Disconnect the rubber band of the separate type front seatback cover.

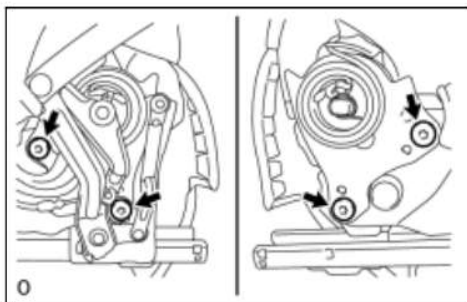
(c) Disengage the fastener and separate the front seat airbag assembly wire harness.



(d) Disconnect the front seat heater connector and disengage the clamp. (w/ Seat Heater System)

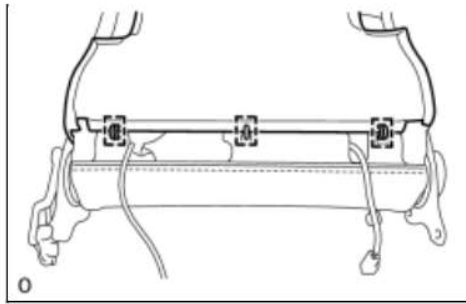


(e) Disengage the claw and 4 clamps to separate the front seat airbag assembly wire harness.

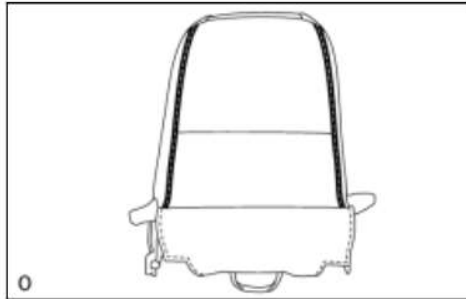


(f) Using a T40 "TORX" socket wrench, remove the 4 bolts and separate type front seatback assembly.

8. REMOVE SEPARATE TYPE FRONT SEATBACK COVER WITH PAD

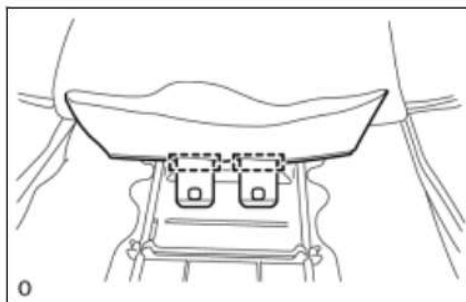


(a) Remove the 5 hog rings.

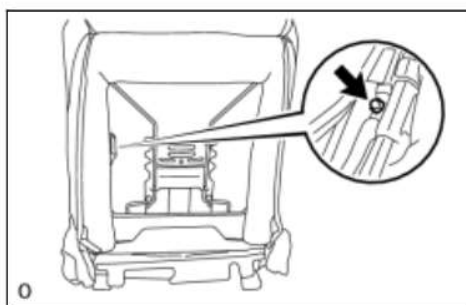


(b) Open the 2 fasteners.

(c) Turn back the separate type front seatback cover.

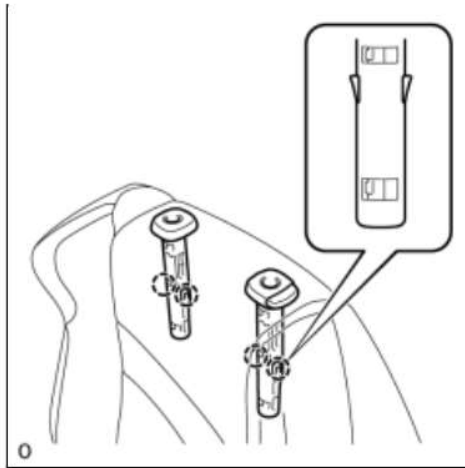


(d) Disengage the 2 hooks.



(e) Remove the nut and the 3 brackets.

(f) Disengage the 4 claws and remove the 2 front seat

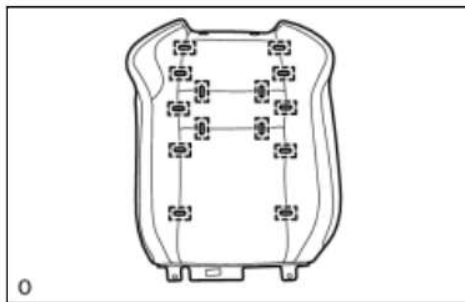


headrest supports.

(g) Remove the separate type front seatback cover with pad from front seatback frame assembly.

9. REMOVE FRONT SEAT AIRBAG ASSEMBLY INFO

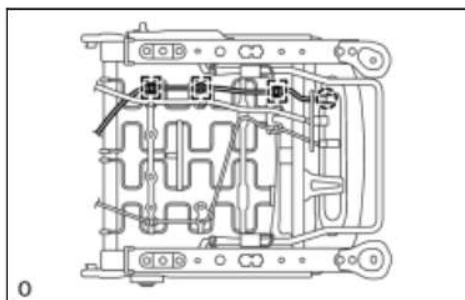
10. REMOVE SEPARATE TYPE FRONT SEATBACK COVER



(a) Remove the 14 hog rings and separate type front seatback cover from the separate type front seatback pad.

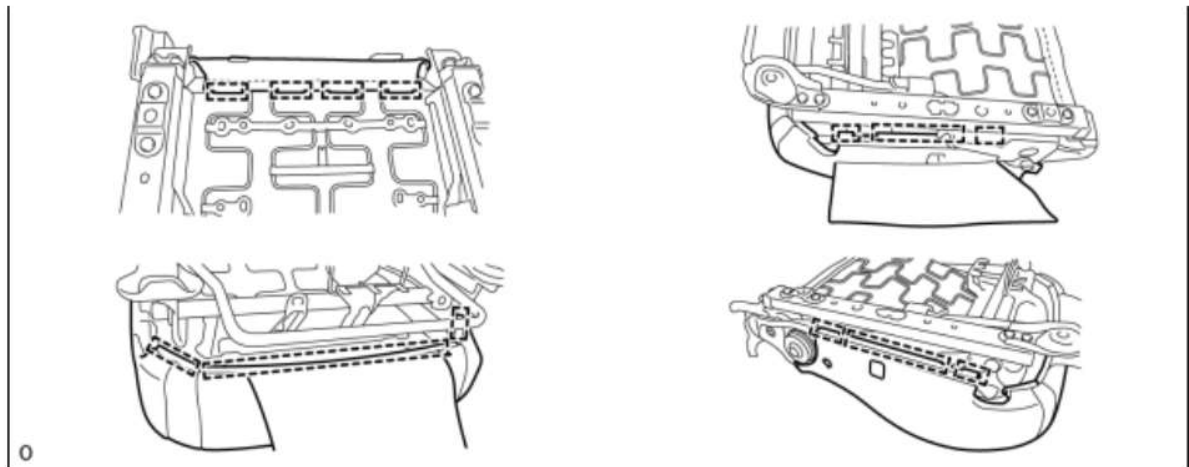
11. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD

(a) Disconnect the occupant classification sensor connector. (for passenger side)

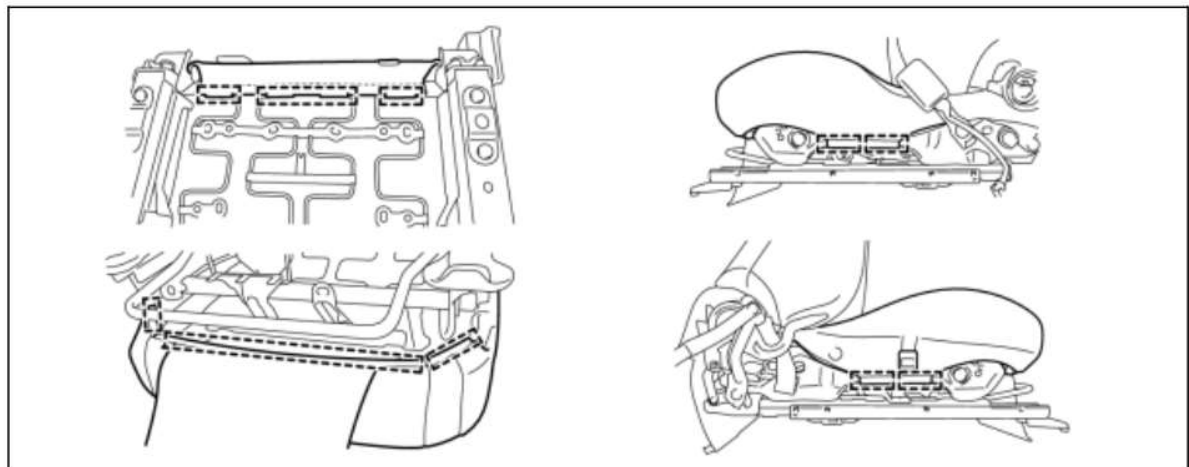


(b) Disengage the claw and 3 clamps to separate the front seat heater wire harness. (w/ Seat Heater System)

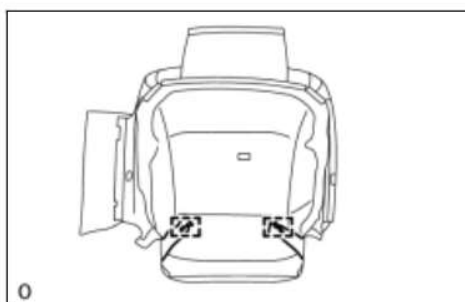
(c) Disengage each hook and remove the separate type front seat cushion cover with pad from separate type front seat cushion frame assembly. (for Driver Side)



(d) Disengage each hook and remove the separate type front seat cushion cover with pad from separate type front seat cushion frame assembly. (for Passenger Side)

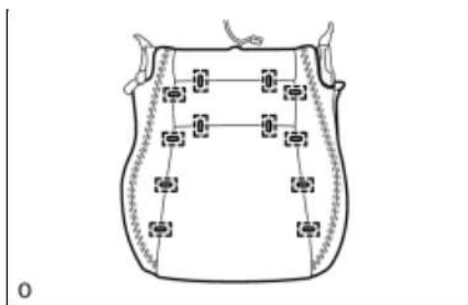


12. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER

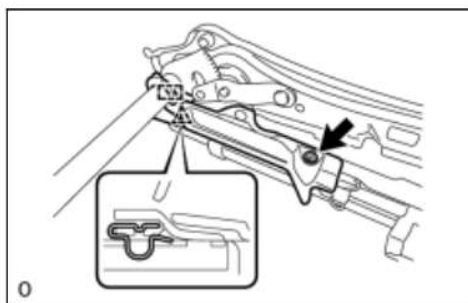


(a) Remove the 2 hog rings.

(b) Remove the 12 hog rings and the separate type front seat cushion cover from the separate type front seat cushion pad.



13. REMOVE FRONT SEAT LOWER CUSHION SHIELD LH (for Driver Side)



(a) Remove the screw.

(b) Disengage the hook.

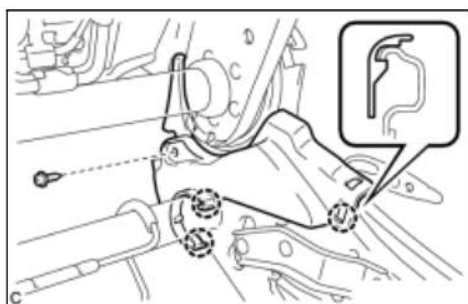
(c) Disengage the clip and remove the front seat lower cushion shield LH.

14. REMOVE FRONT SEAT LOWER CUSHION SHIELD RH (for Driver Side)

HINT:

Use the same procedure as for the LH side.

15. REMOVE FRONT SEAT CUSHION EDGE PROTECTOR LH



(a) Remove the screw.

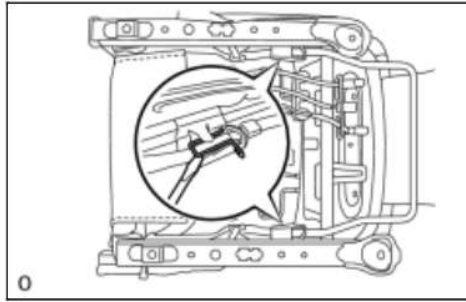
(b) Disengage the 3 claws to remove the front seat cushion edge protector LH.

16. REMOVE FRONT SEAT CUSHION EDGE PROTECTOR RH

HINT:

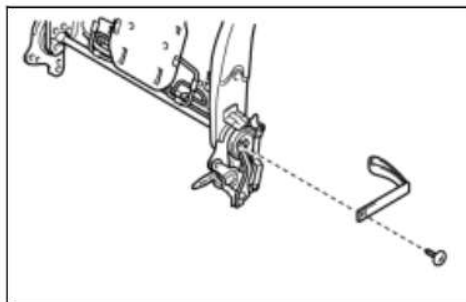
Use the same procedure as for the LH side.

17. REMOVE SEAT TRACK ADJUSTING HANDLE



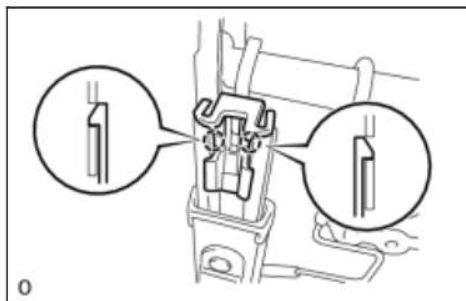
- (a) Using a screwdriver, disengage the 2 springs to remove the seat track adjusting handle from separate type front seat cushion frame assembly.

18. REMOVE RECLINING ADJUSTER RELEASE BAND



- (a) Remove the screw and reclining adjuster release band.

19. REMOVE SEAT CUSHION EDGE PROTECTOR

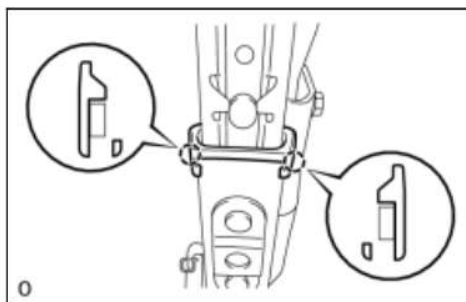


- (a) Disengage the 2 claws to remove the seat cushion edge protector.

HINT:

Use the same procedure for both the 2 seat cushion edge protectors.

20. REMOVE SEAT TRACK LOWER RAIL PROTECTOR



- (a) Disengage the 2 claws to remove the seat track lower rail protector.

HINT:

Use the same procedure for both the 2 seat track lower rail protectors.



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Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000001WAX01DX
Title: SEAT: FRONT SEAT ASSEMBLY: INSTALLATION (2013 FR-S)		

INSTALLATION

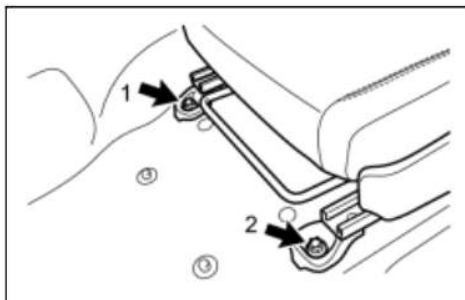
1. INSTALL FRONT SEAT ASSEMBLY

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

NOTICE:

Be careful not to damage the vehicle body.

- (b) Operate the reclining adjuster release handle and move the seatback to the upright position.
 (c) Lift up the seat track adjusting handle and move the seat to the rearmost position.
 (d) Temporarily install the 2 bolts on the front side of the front seat assembly.
 (e) Connect each connector and clamp under the seat.
 (f) Engage the hook of the separate type front seat cushion cover.
 (g) Lift up the seat track adjusting handle and move the seat to the foremost position.
 (h) Temporarily install the 2 bolts on the rear side of the front seat assembly.
 (i) Lift up the seat track adjusting handle and move the seat to the rearmost position.



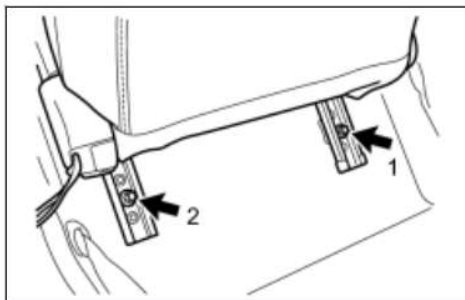
- (j) Using a E10 "TORX" socket wrench, tighten the 2 bolts on the front side of the seat.

Torque: 53 N·m (540 kgf·cm, 39ft·lbf)

NOTICE:

Tighten the bolts in the order indicated in the illustration.

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



- (l) Using a E10 "TORX" socket wrench, tighten the 2 bolts on the rear side of the seat.

Torque: 53 N·m (540 kgf·cm, 39ft·lbf)

NOTICE:

Tighten the bolts in the order indicated in the illustration.

2. INSPECT SEAT SLIDE ADJUSTER LOCKS

- (a) During the sliding operation of 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 seat installation bolts to adjust the adjuster position.

3. INSTALL FRONT SEAT HEADREST ASSEMBLY

4. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 6.0 N·m (61 kgf·cm, 53in·lbf)

5. INSPECT SRS WARNING LIGHT



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000001WB1028X
Title: SEAT: FRONT SEAT ASSEMBLY: REASSEMBLY (2013 FR-S)		

REASSEMBLY

1. INSTALL SEAT TRACK LOWER RAIL PROTECTOR

- (a) Engage the 2 claws to install the seat track lower rail protector.

HINT:

Use the same procedure for both the 2 seat track lower rail protectors.

2. INSTALL SEAT CUSHION EDGE PROTECTOR

- (a) Engage the 2 claws to install the seat cushion edge protector.

HINT:

Use the same procedure for both the 2 seat cushion edge protectors.

3. INSTALL RECLINING ADJUSTER RELEASE BAND

- (a) Install the reclining adjuster release band with the screw.

4. INSTALL SEAT TRACK ADJUSTING HANDLE

- (a) Engage the 2 springs to install the seat track adjusting handle to the separate type front seat cushion frame assembly.

NOTICE:

- Springs must be securely engaged.
- Install the rear end of seat track adjusting handle on the seat track lever.

5. INSTALL FRONT SEAT CUSHION EDGE PROTECTOR LH

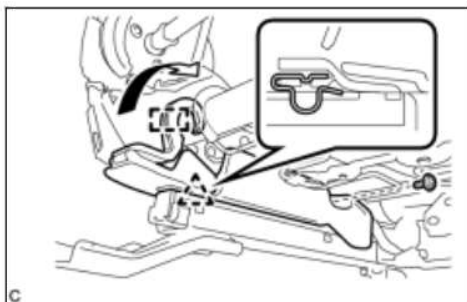
- (a) Engage the 3 claws to install the front seat cushion edge protector LH.
(b) Install the screw.

6. INSTALL FRONT SEAT CUSHION EDGE PROTECTOR RH

HINT:

Use the same procedure as for the LH side.

7. INSTALL FRONT SEAT LOWER CUSHION SHIELD LH (for Driver Side)



- (a) Engage the clip to install the front seat lower cushion shield LH.

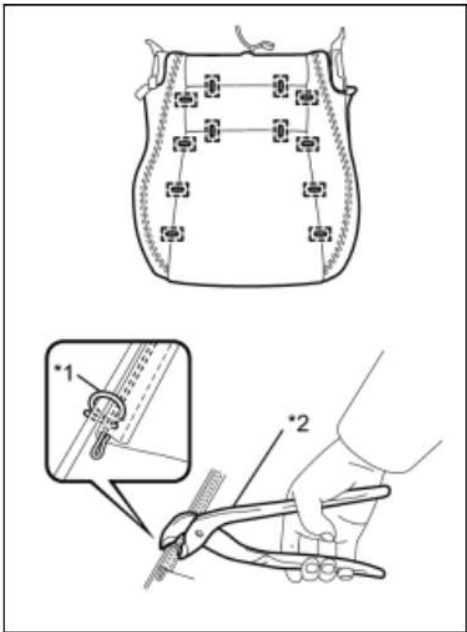
- (b) Engage the hook as shown in the illustration.
- (c) Install the screw.

8. INSTALL FRONT SEAT LOWER CUSHION SHIELD RH (for Driver Side)

HINT:

Use the same procedure as for the LH side.

9. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER



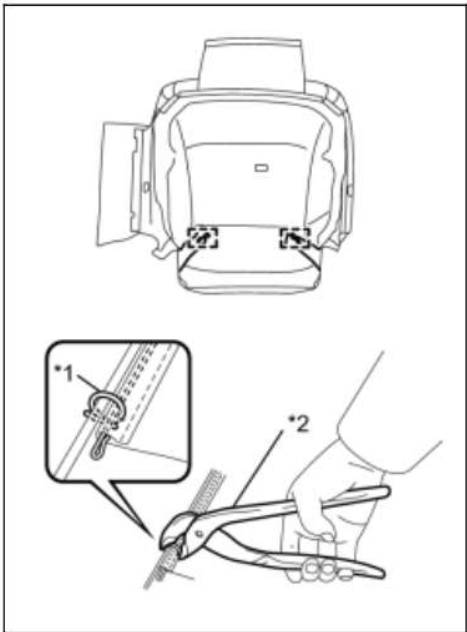
- (a) Using hog ring pliers, install the separate type front seat cushion cover to the separate type front seat cushion pad with 12 new hog rings.

NOTICE:

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

Text in Illustration

*1	Hog Ring
*2	Hog Ring Pliers



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

NOTICE:

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

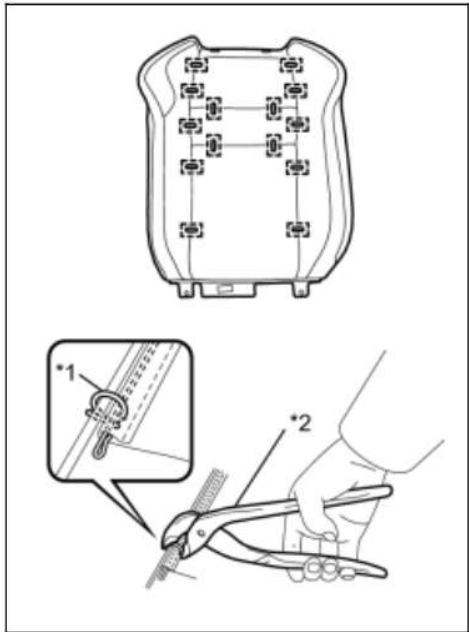
Text in Illustration

*1	Hog Ring
*2	Hog Ring Pliers

10. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD

- (a) Temporarily install the separate type front seat cushion cover with pad to the separate type front seat cushion frame assembly
- (b) Engage each hook.
- (c) Engage the claw and 3 clamps to install the front seat cushion heater wire harness. (w/ Seat Heater System)
- (d) Connect the occupant classification sensor connector. (for Passenger Side)

11. INSTALL SEPARATE TYPE FRONT SEATBACK COVER



- (a) Using hog ring pliers, install the separate type front seatback cover to the separate type front seatback pad with 14 new hog rings.

NOTICE:

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

Text in Illustration

*1	Hog Ring
*2	Hog Ring Pliers

12. INSTALL FRONT SEAT AIRBAG ASSEMBLY INFO

13. INSTALL SEPARATE TYPE FRONT SEATBACK COVER WITH PAD

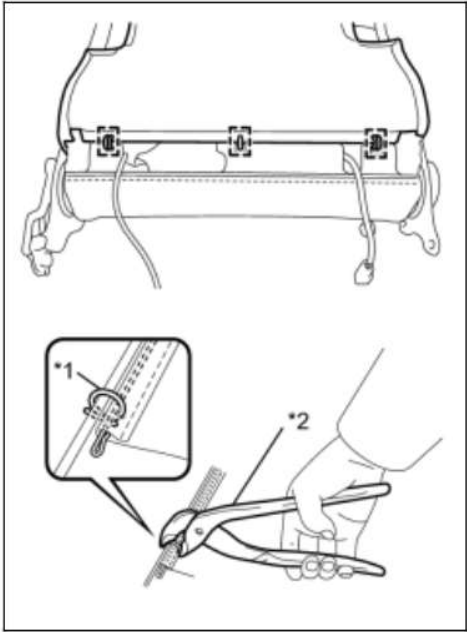
- (a) Temporarily install the separate type front seatback cover with pad to the separate type front seatback frame assembly.
- (b) Install the 3 brackets with the nut.

Torque: 5.5 N·m (56 kgf·cm, 49in·lbf)

CAUTION:

- For vehicles with a front seat airbag assembly, the separate type front seatback cover must be securely installed. Otherwise, the front seat airbag assembly may not deploy properly.
- Make sure that the strap is not twisted after installing the nut.
- Install the bracket securely.

- (c) Engage the 4 claws to install the 2 front seat headrest supports.
- (d) Engage the 2 hooks.
- (e) Turn back the separate type front seatback cover.
- (f) Close the 2 fasteners.



(g) Using hog ring pliers, install 5 new hog rings.

NOTICE:

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

Text in Illustration

*1	Hog Ring
*2	Hog Ring Pliers

14. INSTALL SEPARATE TYPE FRONT SEATBACK ASSEMBLY

- (a) Using a T40 "TORX" socket wrench, install the separate type front seatback assembly with the new 4 bolts.
- Torque: 42 N·m (428 kgf·cm, 31ft·lbf)**
- (b) Engage the claw and 4 clamps to install the front seat airbag assembly wire harness.
- (c) Engage the fastener to secure the front seat airbag assembly wire harness.
- (d) Engage the clamp and connect the front seat heater connector. (w/ Seat Heater System)
- (e) Connect the rubber band of the separate type front seatback cover.
- (f) Engage the 2 hooks.

15. INSTALL FRONT SEAT INNER BELT ASSEMBLY (for Driver Side) INFO

16. INSTALL FRONT SEAT INNER BELT ASSEMBLY (for Front Passenger Side) INFO

17. INSTALL FRONT SEAT INNER CUSHION SHIELD

- (a) Engage the 2 claws and 4 guides to install the front seat inner cushion shield.

18. INSTALL FRONT SEAT CUSHION SHIELD

- (a) Engage the 4 claws, 5 guides and clip to install the front seat inner cushion shield.
- (b) Install the 2 screws.

19. INSTALL VERTICAL ADJUSTING HANDLE (for Driver Side)

- (a) Install the vertical adjusting handle with the screw.

20. INSTALL RECLINING ADJUSTER RELEASE HANDLE

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



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000001WAZ01DX
Title: SEAT: FRONT SEAT ASSEMBLY: REMOVAL (2013 FR-S)		

REMOVAL

1. PRECAUTION

CAUTION:

- Be sure to read Precaution thoroughly before servicing. INFO
- If the side airbag was deployed, replace the front seat assembly,

NOTICE:

After turning the ignition switch off, waiting time may be required before disconnecting the cable from the negative (-) battery terminal. Therefore, make sure to read the disconnecting the cable from the negative (-) battery terminal notices before proceeding with work INFO.

2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

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

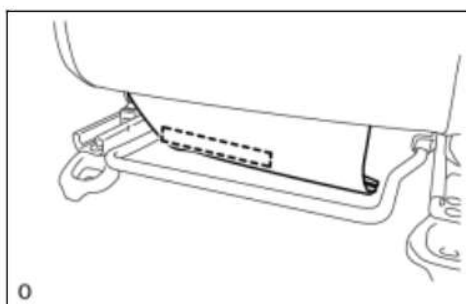
NOTICE:

The power window system utilizes a mechanism that the door glass moves down slightly when the door is opened, and that the glass moves up when closing the door in order to prevent the door molding from being damaged. When the battery negative (-) terminal needs to be disconnected for servicing, fully open the driver and passenger door glasses in advance.

3. REMOVE FRONT SEAT HEADREST ASSEMBLY

4. REMOVE FRONT SEAT ASSEMBLY

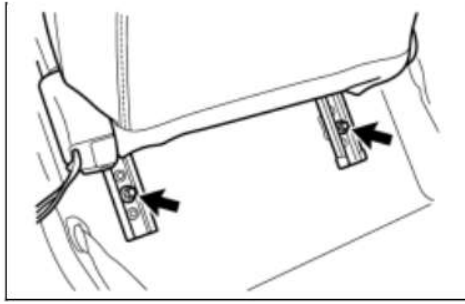
- (a) Operate the reclining adjuster release handle and move the seatback to the upright position.
- (b) Lift up the seat track adjusting handle and move the seat to the foremost position.



- (c) Disengage the hook of the separate type front seat cushion cover.

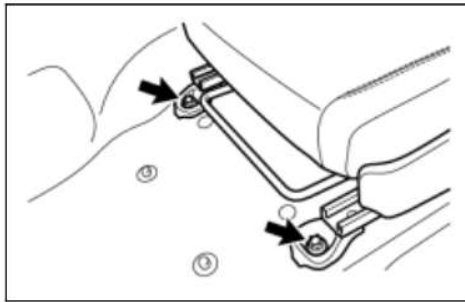
- (d) Disconnect each connector and clamp under the seat.

- (e) Using a E10 "TORX" socket wrench, remove the 2



bolts on the rear side of the seat.

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

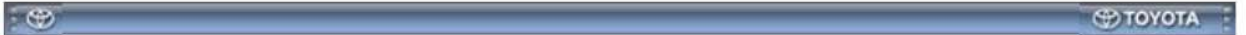


(g) Using a E10 "TORX" socket wrench, remove the 2 bolts on the front side of the seat.

(h) Remove the front seat assembly.

NOTICE:

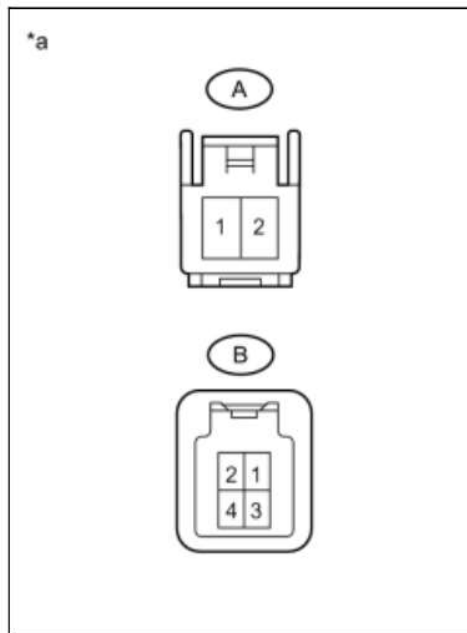
- Be careful not to damage the vehicle body.
- Always work in teams of multiple people when removing seats from the vehicle.



Last Modified: 3-27-2012	6.4 G	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000012HG020X
Title: SEAT: FRONT SEAT CUSHION HEATER: INSPECTION (2013 FR-S)		

INSPECTION

1. INSPECT FRONT SEAT CUSHION HEATER ASSEMBLY LH



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

Text in Illustration

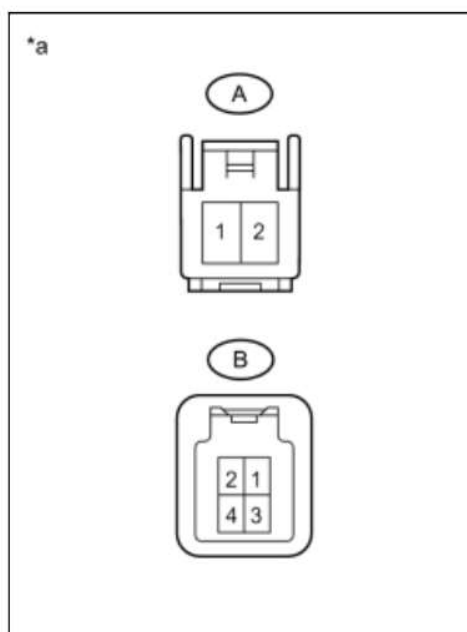
*a	Component without harness connected (Separate Type Front Seat Cushion Pad LH)
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Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
A-1 - B-1	Always	Below 1 Ω
A-2 - A-3	Always	3.21 to 3.85 Ω
A-2 - B-2	Always	3.21 to 3.85 Ω
A-3 - B-2	Always	Below 1 Ω

If the result is not as specified, replace the separate type front seat cushion pad LH.

2. INSPECT FRONT SEAT CUSHION HEATER ASSEMBLY RH



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

Text in Illustration

*a	Component without harness connected (Separate Type Front Seat Cushion Pad RH)
----	--

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
A-1 - B-1	Always	Below 1 Ω
A-2 - A-3	Always	3.21 to 3.85 Ω
A-2 - B-2	Always	3.21 to 3.85 Ω
A-3 - B-2	Always	Below 1 Ω

If the result is not as specified, replace the separate

type front seat cushion pad RH.



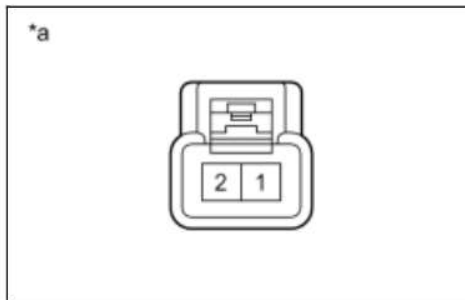
Last Modified: 3-27-2012	6.4 G	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000012HF01ZX
Title: SEAT: FRONT SEATBACK HEATER: INSPECTION (2013 FR-S)		

INSPECTION

1. INSPECT FRONT SEAT BACK HEATER ASSEMBLY LH

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

Text in Illustration



*a	Component without harness connected (Separate Type Front Seatback Pad LH)
----	--

Standard Resistance:

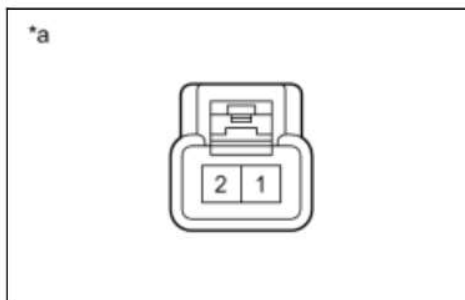
TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
1 - 2	Always	3.26 to 4 Ω

If the result is not as specified, replace the separate type front seatback pad LH.

2. INSPECT FRONT SEAT BACK HEATER ASSEMBLY RH

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

Text in Illustration



*a	Component without harness connected (Separate Type Front Seatback Pad RH)
----	--

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
1 - 2	Always	3.26 to 4 Ω

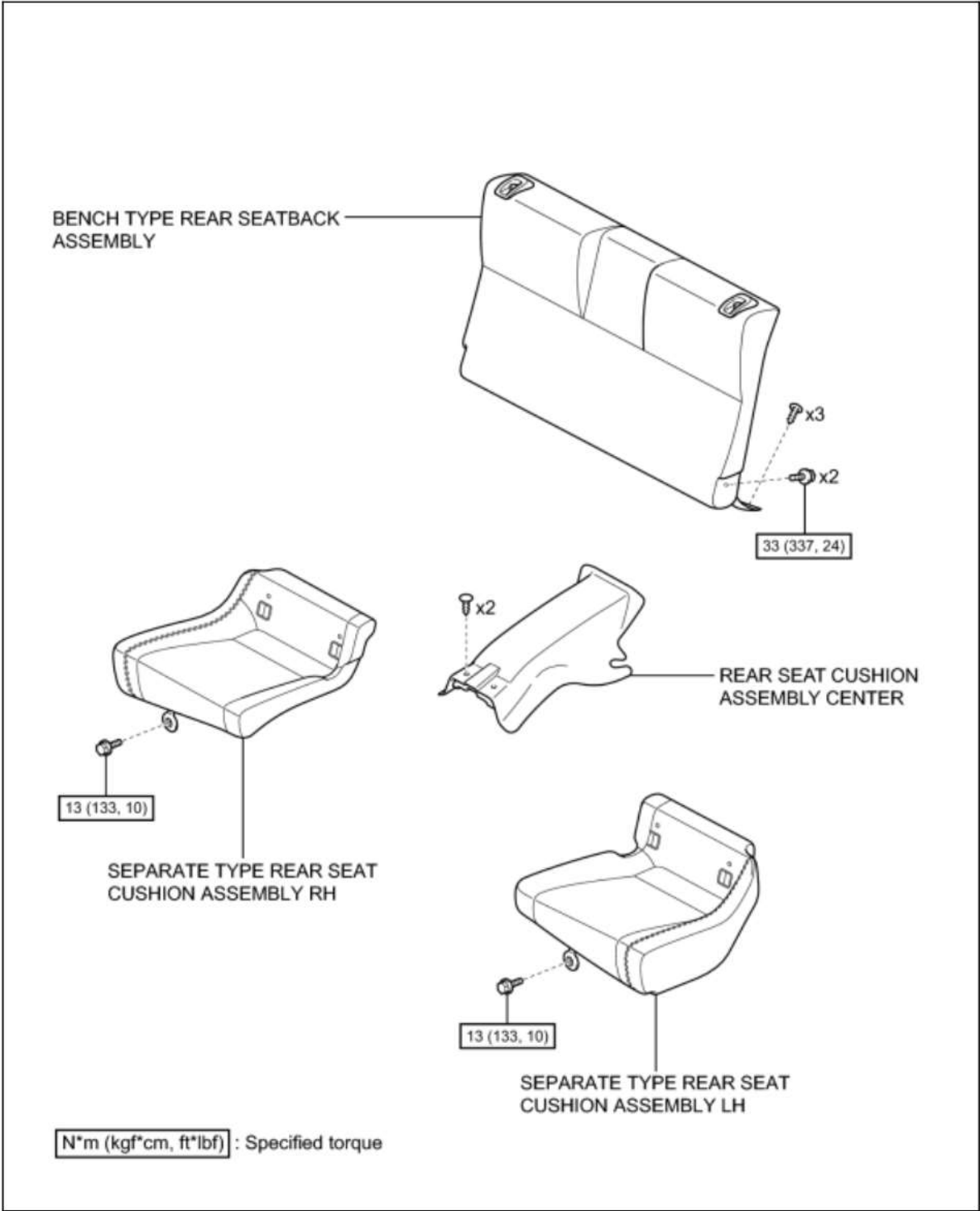
If the result is not as specified, replace the separate type front seatback pad RH.



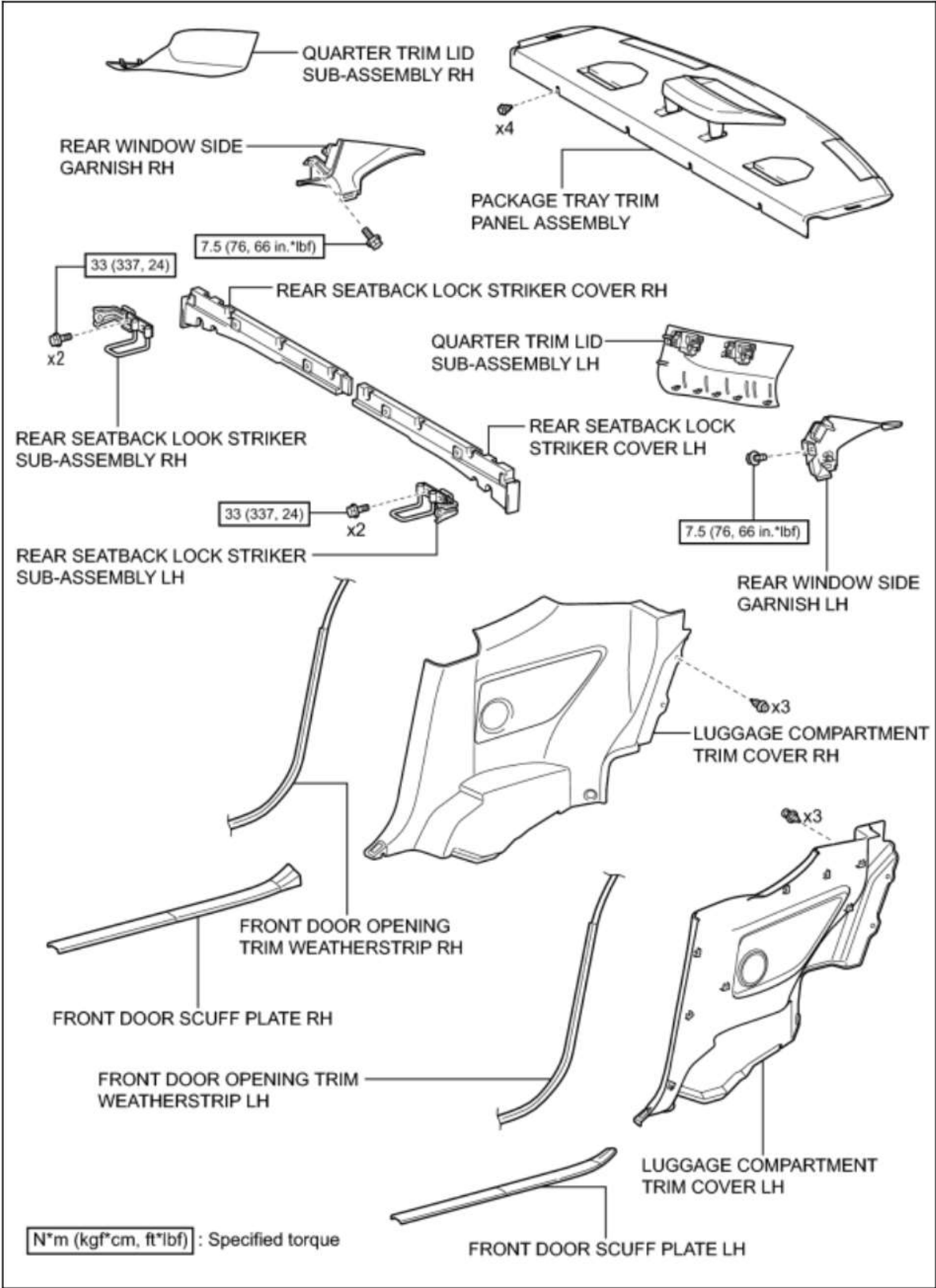
Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000002SZW00SX
Title: SEAT: REAR SEAT ASSEMBLY: COMPONENTS (2013 FR-S)		

COMPONENTS

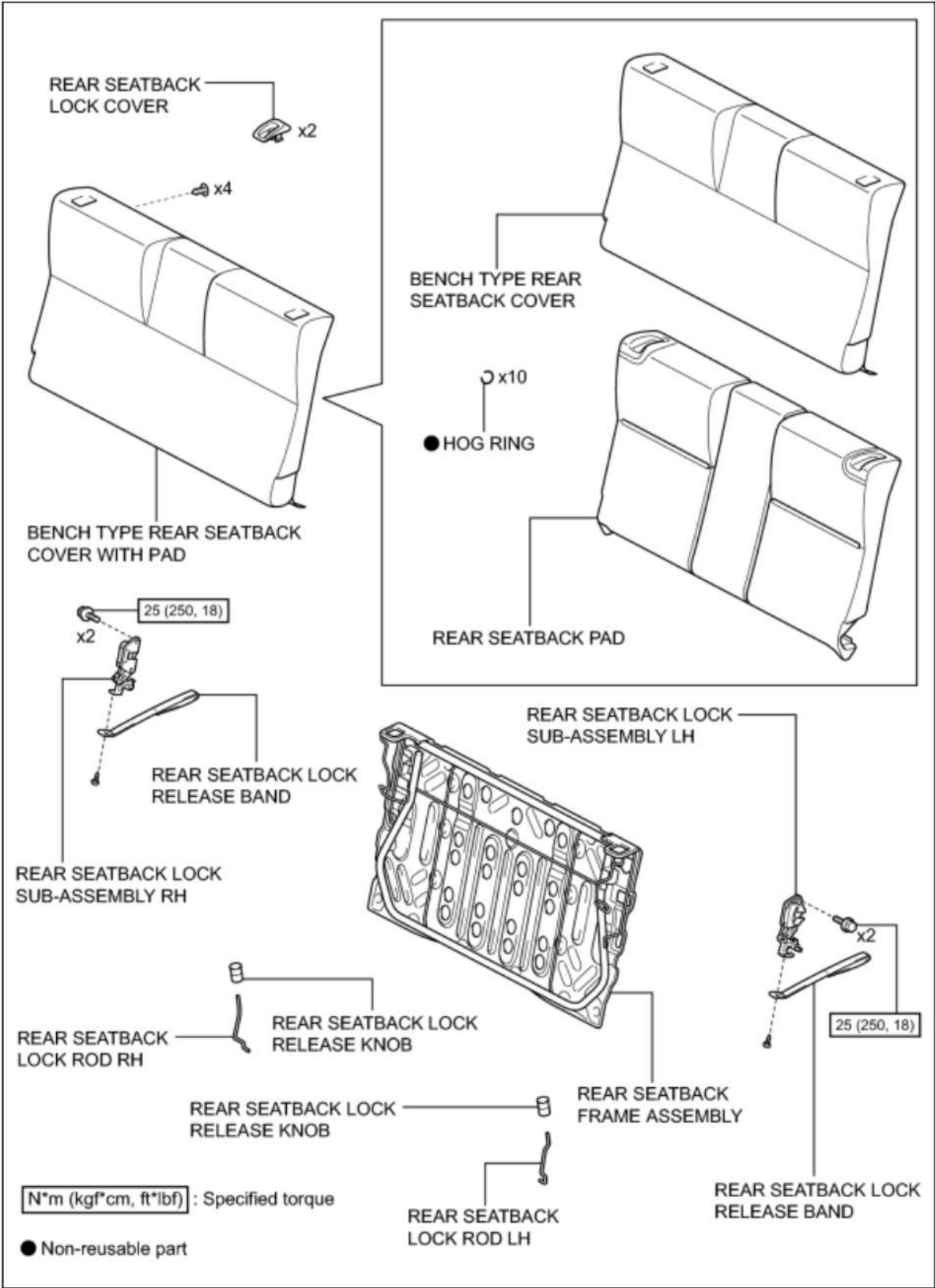
ILLUSTRATION



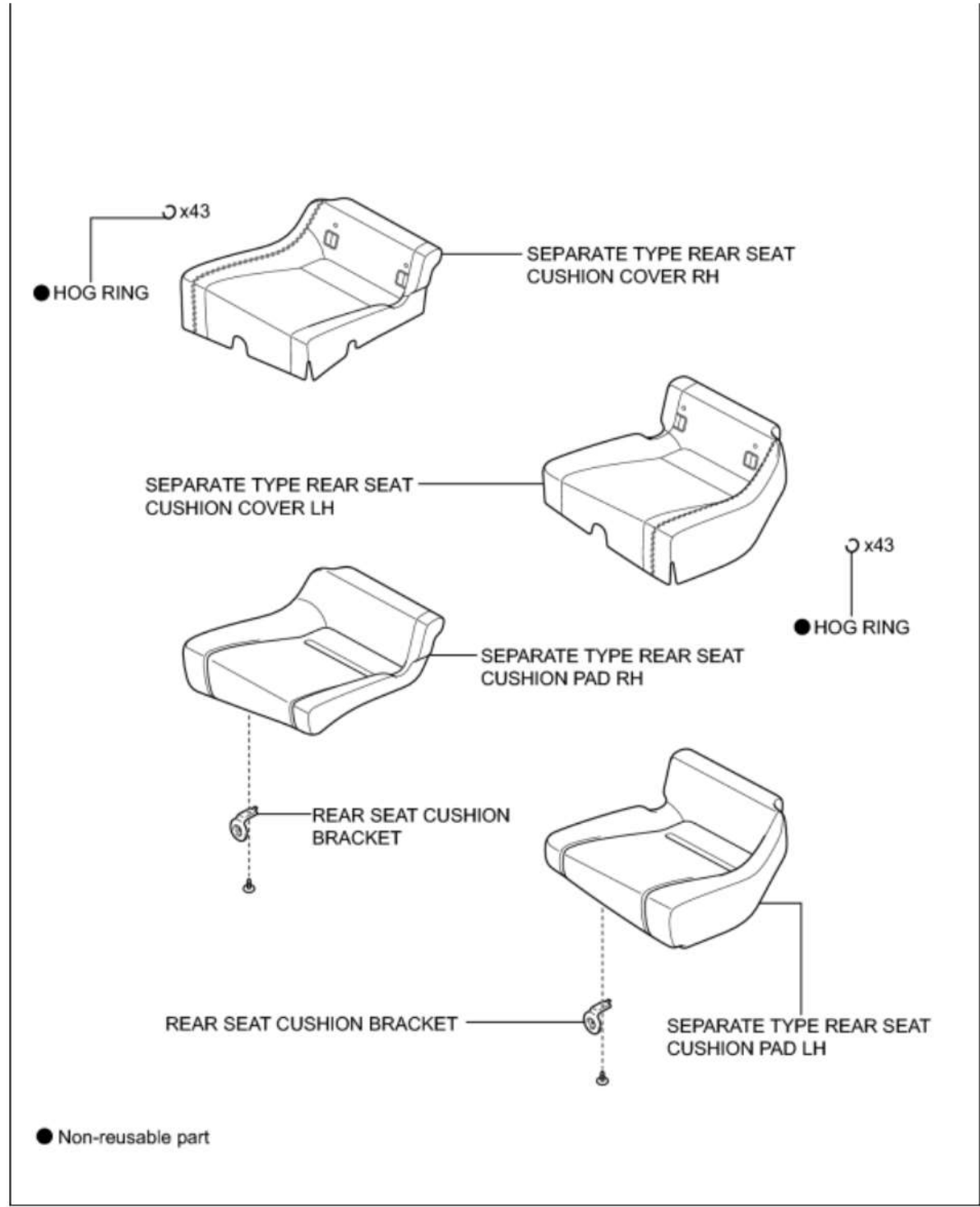
ILLUSTRATION



ILLUSTRATION



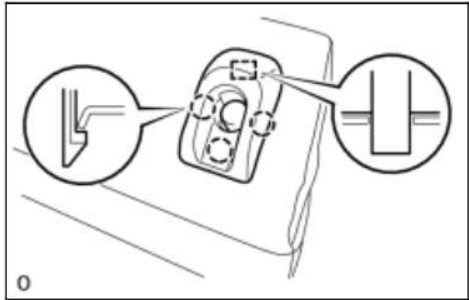
ILLUSTRATION



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000002SZY00SX
Title: SEAT: REAR SEAT ASSEMBLY: DISASSEMBLY (2013 FR-S)		

DISASSEMBLY

1. REMOVE REAR SEATBACK LOCK COVER

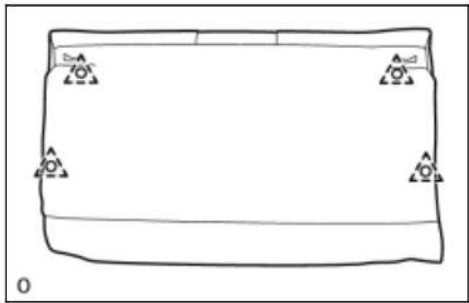


(a) Disengage the 3 claws and guide to remove the rear seatback lock cover.

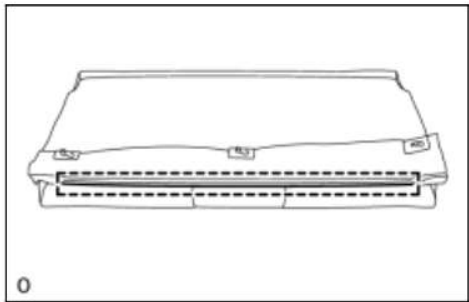
HINT:

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

2. REMOVE BENCH TYPE REAR SEATBACK COVER WITH PAD

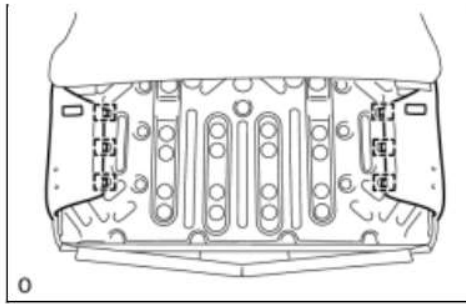


(a) Remove the 4 clips.



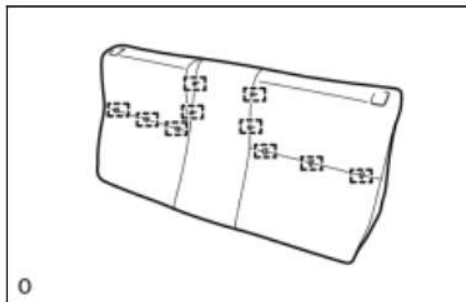
(b) Disengage the hook and roll up the bench type rear seatback cover.

(c) Disengage the 6 hooks and remove the bench type



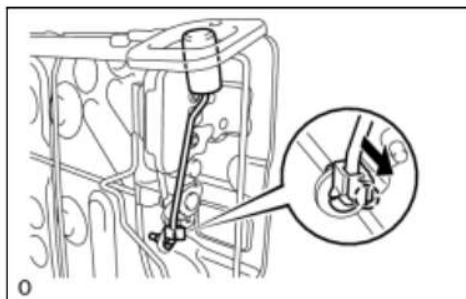
rear seatback cover with pad from rear seatback frame assembly.

3. REMOVE BENCH TYPE REAR SEATBACK COVER



- (a) Remove the 10 hog rings and bench type rear seatback cover from the bench type rear seatback pad.

4. REMOVE REAR SEATBACK LOCK ROD LH



- (a) Disengage the claw.

- (b) Remove the rear seatback lock rod LH from rear seatback lock sub-assembly LH as shown in the illustration.

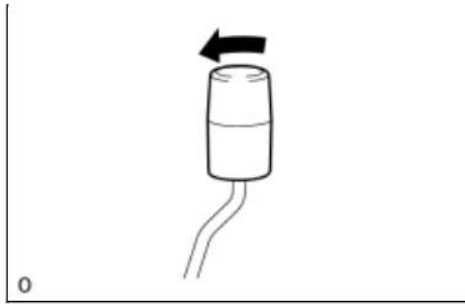
5. REMOVE REAR SEATBACK LOCK ROD RH

HINT:

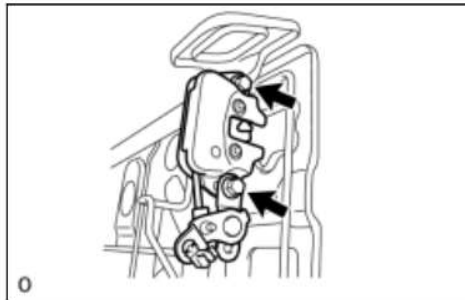
Use the same procedure as for the LH side.

6. REMOVE REAR SEATBACK LOCK RELEASE KNOB

- (a) Rotate the rear seatback lock release knob counterclockwise to remove them from the rear seatback lock rod LH.

**HINT:**

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

7. REMOVE REAR SEATBACK LOCK SUB-ASSEMBLY LH

- (a) Remove the 2 bolts and rear seatback lock sub-assembly LH.

8. REMOVE REAR SEATBACK LOCK SUB-ASSEMBLY RH**HINT:**

Use the same procedure as for the LH side.

9. REMOVE REAR SEATBACK LOCK RELEASE BAND

- (a) Remove the screw and rear seatback lock release band from rear seatback lock sub-assembly LH.

HINT:

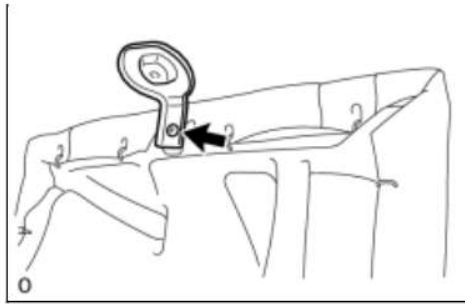
Use the same procedure as for both the LH side and RH side.

10. REMOVE REAR SEAT CUSHION BRACKET

- (a) Remove the screw and rear seat cushion bracket from separate type rear seat cushion assembly LH.

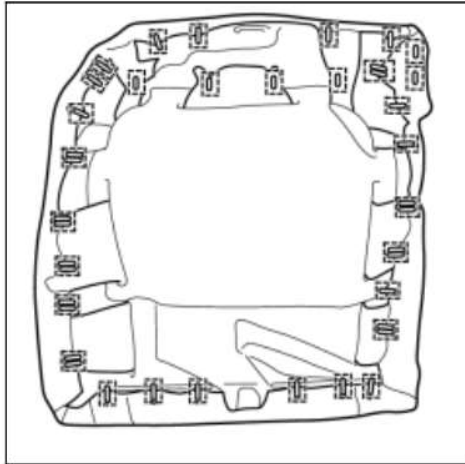
HINT:

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

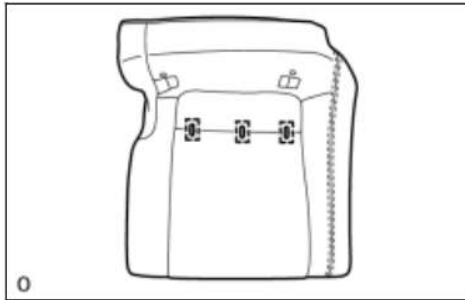


side.

11. REMOVE SEPARATE TYPE REAR SEAT CUSHION COVER LH



(a) Remove the 40 hog rings.



(b) Remove the 3 hog rings and separate type rear seat cushion cover LH from the separate type rear seat cushion pad LH.

12. REMOVE SEPARATE TYPE REAR SEAT CUSHION COVER RH

HINT:

Use the same procedure as for both the LH side.



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000002SZV00SX
Title: SEAT: REAR SEAT ASSEMBLY: INSTALLATION (2013 FR-S)		

INSTALLATION

1. INSTALL REAR SEATBACK LOCK STRIKER SUB-ASSEMBLY LH

(a) Install the rear seat back lock striker sub-assembly LH with the 2 bolts.

Torque: 33 N·m (337 kgf·cm, 24ft·lbf)

2. INSTALL REAR SEATBACK LOCK STRIKER SUB-ASSEMBLY RH

HINT:

Use the same procedure as for the LH side.

3. INSTALL REAR SEATBACK LOCK STRIKER COVER LH

(a) Engage the 3 clips to install the rear seat back lock striker cover LH.

4. INSTALL REAR SEATBACK LOCK STRIKER COVER RH

HINT:

Use the same procedure as for the LH side.

5. INSTALL PACKAGE TRAY TRIM PANEL ASSEMBLY

6. INSTALL REAR WINDOW SIDE GARNISH LH INFO

7. INSTALL REAR WINDOW SIDE GARNISH RH

HINT:

Use the same procedure as for the LH side.

8. INSTALL QUARTER TRIM LID SUB-ASSEMBLY LH INFO

9. INSTALL QUARTER TRIM LID SUB-ASSEMBLY RH

HINT:

Use the same procedure as for the LH side.

10. INSTALL LUGGAGE COMPARTMENT TRIM COVER LH

(a) Engage the 7 clips to install the quarter trim panel LH.

(b) Install the 3 clips.

11. INSTALL LUGGAGE COMPARTMENT TRIM COVER RH

HINT:

Use the same procedure as for the LH side.

12. INSTALL FRONT DOOR OPENING TRIM WEATHERSTRIP LH INFO

13. INSTALL FRONT DOOR OPENING TRIM WEATHERSTRIP RH**HINT:**

Use the same procedure as for the LH side.

14. INSTALL FRONT DOOR SCUFF PLATE LH INFO**15. INSTALL FRONT DOOR SCUFF PLATE RH****HINT:**

Use the same procedure as for the LH side.

16. INSTALL BENCH TYPE REAR SEATBACK ASSEMBLY

- (a) Install the bench type rear seatback assembly with the 2 bolts.

Torque: 33 N·m (337 kgf·cm, 24ft·lbf)

- (b) Install the 3 clips and bench type rear seatback cover.

17. INSTALL REAR SEAT CUSHION ASSEMBLY CENTER

- (a) Install the rear seat cushion assembly center with the 2 clips.

18. INSTALL SEPARATE TYPE REAR SEAT CUSHION ASSEMBLY LH

- (a) Engage the hook to install the separate type rear seat cushion assembly LH.

- (b) Install the bolt.

Torque: 13 N·m (133 kgf·cm, 10ft·lbf)

19. INSTALL SEPARATE TYPE REAR SEAT CUSHION ASSEMBLY RH**HINT:**

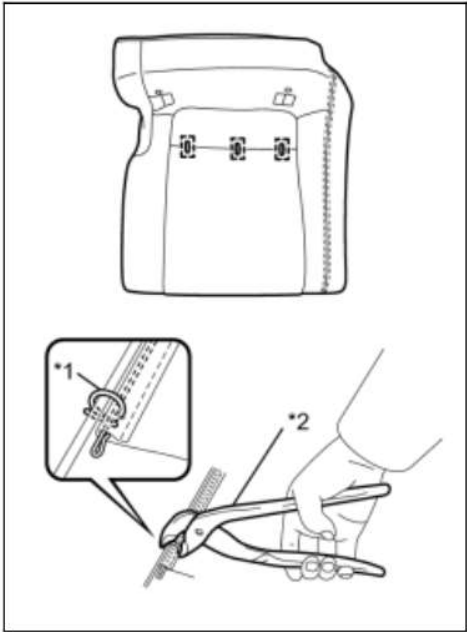
Use the same procedure as for the LH side.



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000002SZZ00SX
Title: SEAT: REAR SEAT ASSEMBLY: REASSEMBLY (2013 FR-S)		

REASSEMBLY

1. INSTALL SEPARATE TYPE REAR SEAT CUSHION COVER LH



(a) Using hog ring pliers, install the separate type rear seat cushion cover LH to the separate type rear seat cushion pad with 3 new hog rings.

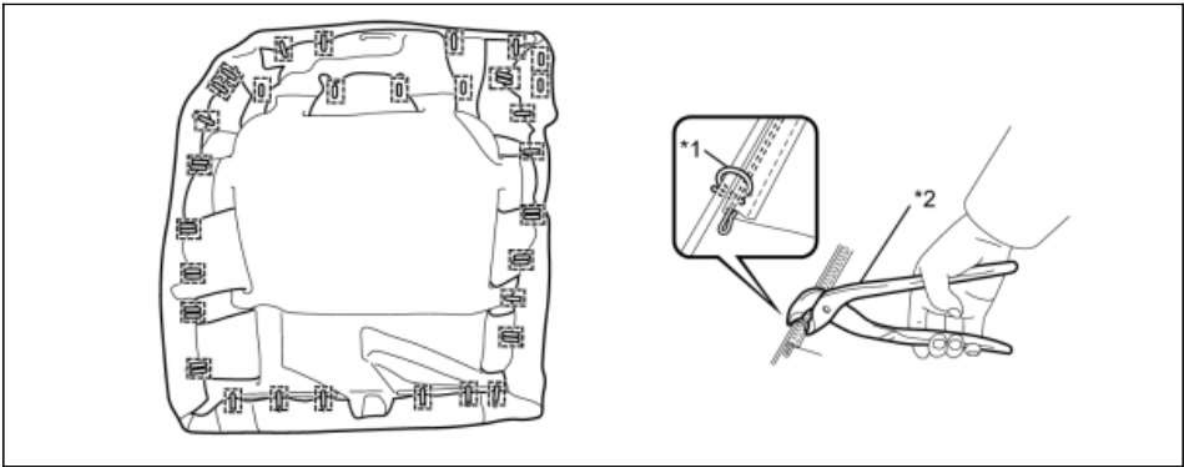
NOTICE:

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

Text in Illustration

*1	Hog Ring
*2	Hog Ring Pliers

(b) Using hog ring pliers, install 40 new hog rings.



Text in Illustration

*1	Hog Ring	*2	Hog Ring Pliers
----	----------	----	-----------------

NOTICE:

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

2. INSTALL SEPARATE TYPE REAR SEAT CUSHION COVER RH

HINT:

Use the same procedure as for the LH side.

3. INSTALL REAR SEAT CUSHION BRACKET

- (a) Install the rear seat cushion bracket to the rear seat cushion assembly LH with the screw.

HINT:

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

4. INSTALL REAR SEATBACK LOCK RELEASE BAND

- (a) Install the rear seatback lock release band with the screw to rear seatback lock assembly LH.

HINT:

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

5. INSTALL REAR SEATBACK LOCK SUB-ASSEMBLY LH

- (a) Install the rear seatback lock sub-assembly LH with the 2 bolts.

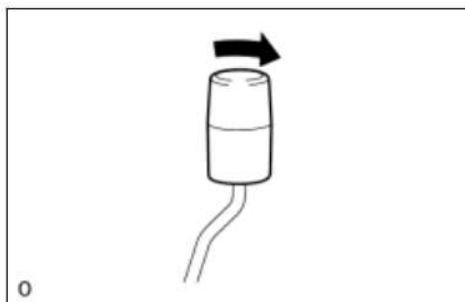
Torque: 25 N·m (250 kgf·cm, 18ft·lbf)

6. INSTALL REAR SEATBACK LOCK SUB-ASSEMBLY RH

HINT:

Use the same procedure as for the LH side.

7. INSTALL REAR SEATBACK LOCK RELEASE KNOB



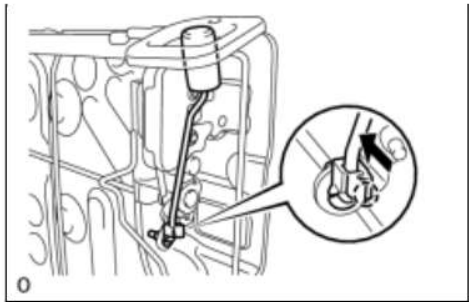
- (a) Rotate the rear seatback lock release knob clockwise to install it to the rear seatback lock rod LH.

HINT:

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

8. INSTALL REAR SEATBACK LOCK ROD LH

- (a) Connect the rear seatback lock rod LH to the rear seatback lock sub-assembly LH as shown in the illustration.



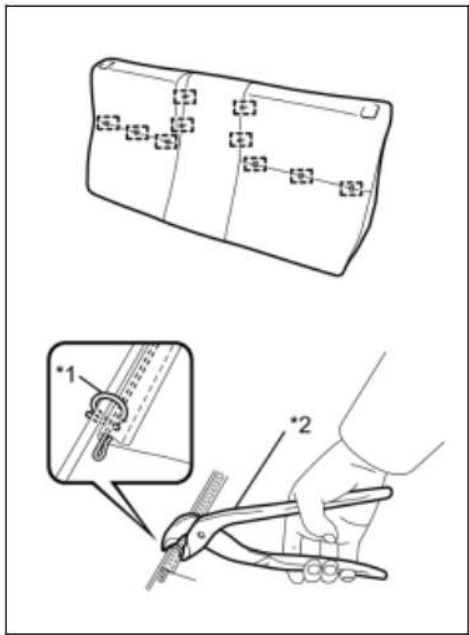
(b) Engage the claw to install the rear seatback lock rod LH.

9. INSTALL REAR SEATBACK LOCK ROD RH

HINT:

Use the same procedure as for the LH side.

10. INSTALL BENCH TYPE REAR SEATBACK COVER



(a) Using hog ring pliers, install the bench type rear seatback cover to the bench type rear seatback pad 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.

Text in Illustration

*1	Hog Ring
*2	Hog Ring Pliers

11. INSTALL BENCH TYPE REAR SEATBACK COVER WITH PAD

- (a) Temporarily install the bench type rear seatback cover with pad to the rear seatback frame assembly.
- (b) Engage the 6 hooks to the rear seatback frame assembly.
- (c) Engage the hook.
- (d) Install the bench type rear seatback cover with pad with the 4 clips.

12. INSTALL REAR SEATBACK LOCK COVER

- (a) Engage the guide and 3 claws to install the rear seatback lock cover.

HINT:

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

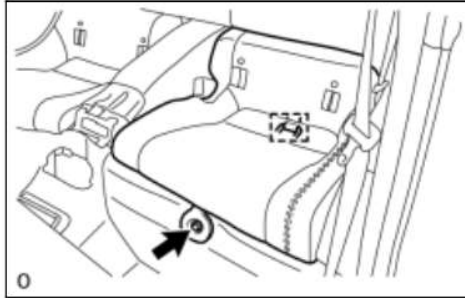


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Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000002SZX00SX
Title: SEAT: REAR SEAT ASSEMBLY: REMOVAL (2013 FR-S)		

REMOVAL

1. REMOVE SEPARATE TYPE REAR SEAT CUSHION ASSEMBLY LH



(a) Remove the bolt.

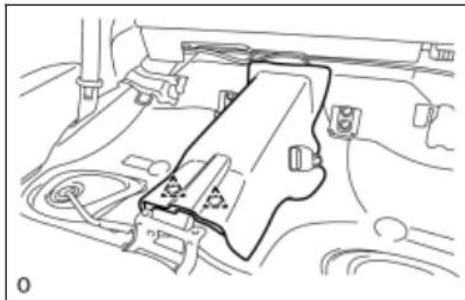
(b) Disengage the hook and remove the separate type rear seat cushion assembly LH.

2. REMOVE SEPARATE TYPE REAR SEAT CUSHION ASSEMBLY RH

HINT:

Use the same procedure as for the LH side.

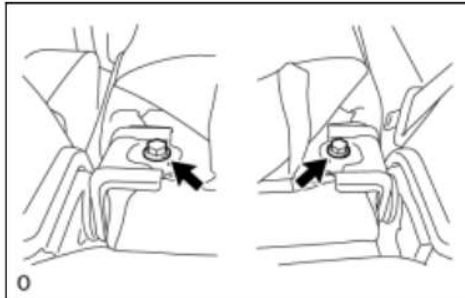
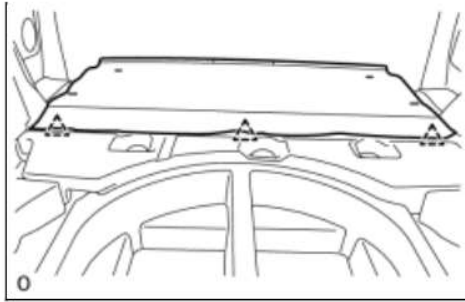
3. REMOVE REAR SEAT CUSHION ASSEMBLY CENTER



(a) Remove the 2 clips and rear seat cushion assembly center.

4. REMOVE BENCH TYPE REAR SEATBACK ASSEMBLY

(a) Remove the 3 clips and turn back rear seatback cover.



(b) Remove the 2 bolts and bench type rear seatback assembly.

NOTICE:

Be careful not to damage the vehicle body.

5. REMOVE FRONT DOOR SCUFF PLATE LH INFO

6. REMOVE FRONT DOOR SCUFF PLATE RH

HINT:

Use the same procedure as for the LH side.

7. DISCONNECT FRONT DOOR OPENING TRIM WEATHERSTRIP LH

HINT:

Disconnect the front door opening trim weatherstrip LH to the extent that allows the removal of the luggage compartment trim cover LH.

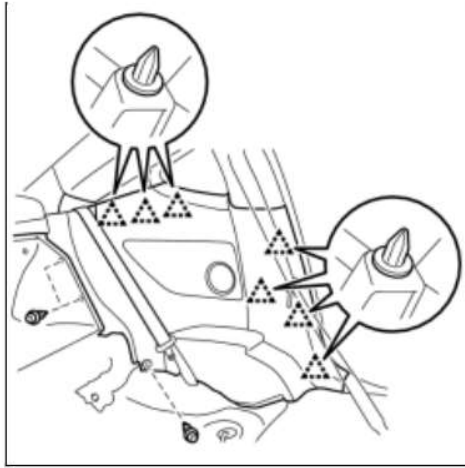
8. DISCONNECT FRONT DOOR OPENING TRIM WEATHERSTRIP RH

HINT:

Use the same procedure as for the LH side.

9. REMOVE LUGGAGE COMPARTMENT TRIM COVER LH

(a) Remove the 3 clips.



(b) Disengage the 7 clips and remove the quarter trim panel LH.

10. REMOVE LUGGAGE COMPARTMENT TRIM COVER RH

HINT:

Use the same procedure as for the LH side.

11. REMOVE QUARTER TRIM LID SUB-ASSEMBLY LH

INFO

12. REMOVE QUARTER TRIM LID SUB-ASSEMBLY RH

HINT:

Use the same procedure as for the LH side.

13. REMOVE REAR WINDOW SIDE GARNISH LH

INFO

14. REMOVE REAR WINDOW SIDE GARNISH RH

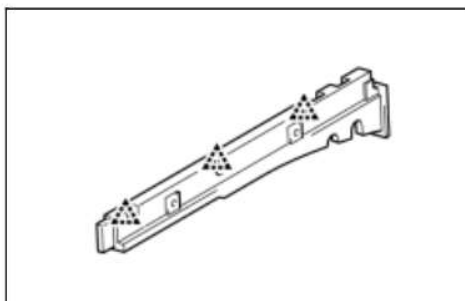
HINT:

Use the same procedure as for the LH side.

15. REMOVE PACKAGE TRAY TRIM PANEL ASSEMBLY

INFO

16. REMOVE REAR SEATBACK LOCK STRIKER COVER LH



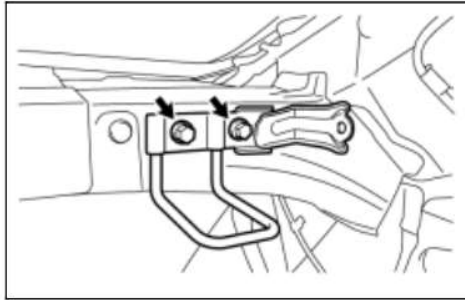
(a) Disengage the 3 clips to remove rear seatback lock striker cover LH.

17. REMOVE REAR SEATBACK LOCK STRIKER COVER RH

HINT:

Use the same procedure as for the LH side.

18. REMOVE REAR SEATBACK LOCK STRIKER SUB-ASSEMBLY LH



(a) Remove the 2 bolts and rear seatback lock striker sub-assembly LH.

19. REMOVE REAR SEATBACK LOCK STRIKER SUB-ASSEMBLY RH

HINT:

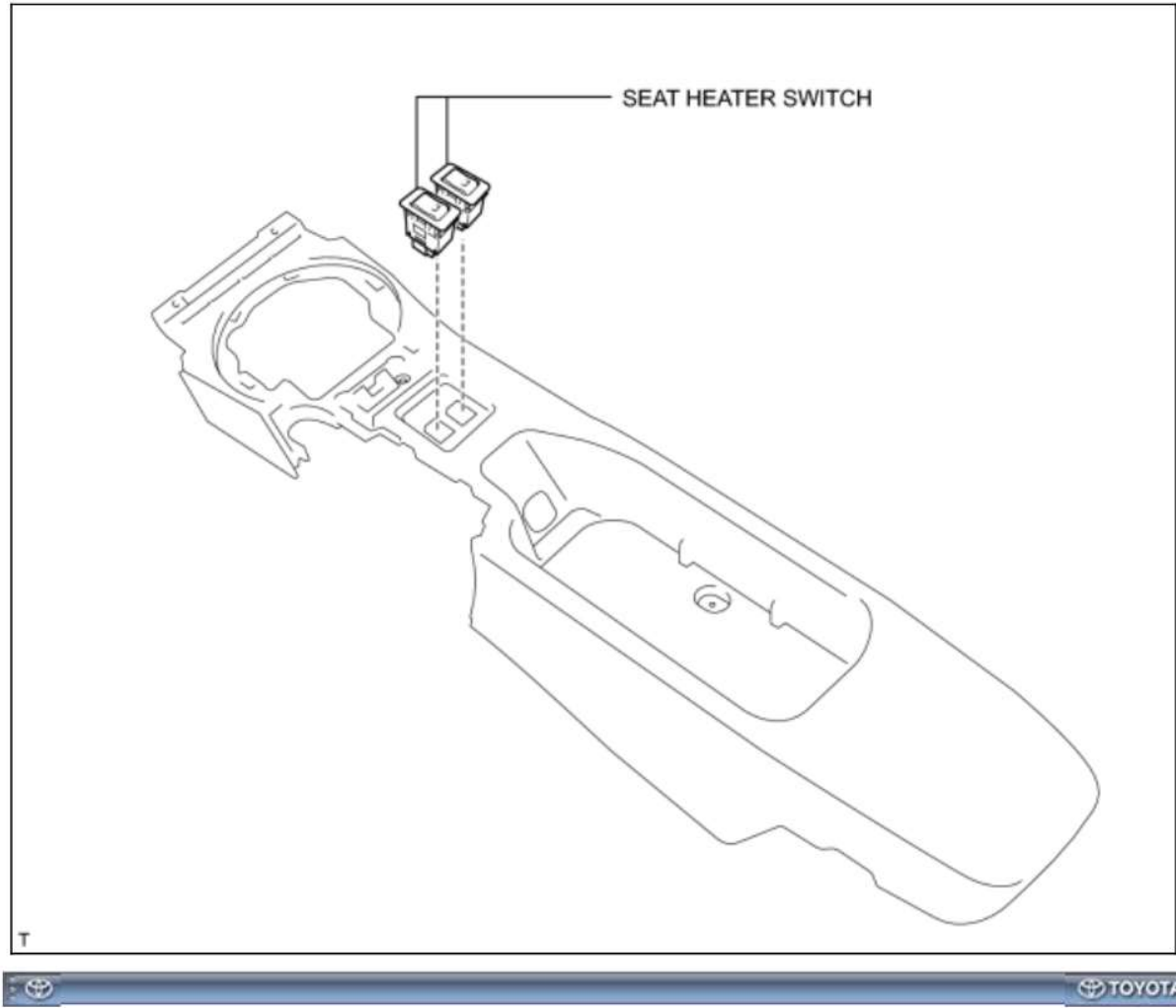
Use the same procedure as for the LH side.



Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000004E2100FX
Title: SEAT: SEAT HEATER SWITCH: COMPONENTS (2013 FR-S)		

COMPONENTS

ILLUSTRATION



Last Modified: 3-27-2012	6.4 G	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000012HE012X
Title: SEAT: SEAT HEATER SWITCH: INSPECTION (2013 FR-S)		

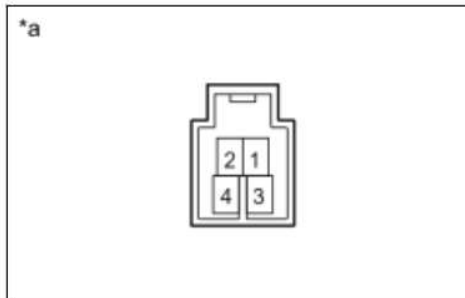
INSPECTION

1. INSPECT SEAT HEATER SWITCH (for LH)

(a) Check the seat heater switch.

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

Text in Illustration



*a Component without harness connected
(Seat Heater Switch (for LH))

Standard Resistance:

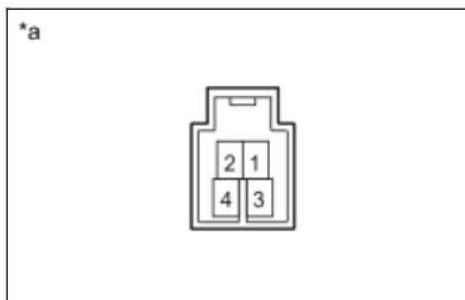
TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
1 - 2	ON (HI)	Below 1 Ω
3 - 4	ON (HI)	Below 1 Ω
2 - 4	ON (LO)	Below 1 Ω

If the result is not as specified, replace the seat heater switch (for LH).

(b) Check that the indicator illuminates.

(1) Apply battery voltage to the seat heater switch (for LH) and check that the indicator illuminates.

Text in Illustration



*a Component without harness connected
(Seat Heater Switch (for LH))

OK:

CONDITION	SWITCH CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 3	ON (HI)	Indicator illuminates
Battery positive (+) →		

Terminal 2	ON (LO)	
Battery negative (-) →		
Terminal 3		

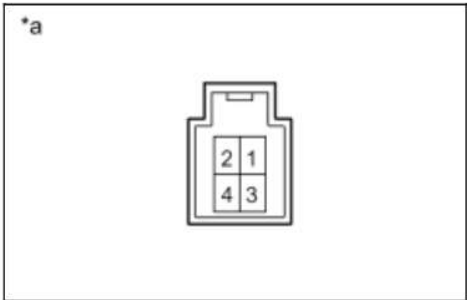
If the result is not as specified, replace the seat heater switch (for LH).

2. INSPECT SEAT HEATER SWITCH (for RH)

(a) Check the seat heater switch.

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

Text in Illustration



*a	Component without harness connected (Seat Heater Switch (for RH))
----	--

Standard Resistance:

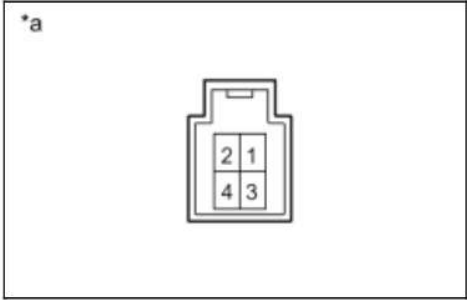
TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
1 - 2	ON (HI)	Below 1 Ω
3 - 4	ON (HI)	Below 1 Ω
2 - 4	ON (LO)	Below 1 Ω

If the result is not as specified, replace the seat heater switch (for RH).

(b) Check that the indicator illuminates.

(1) Apply battery voltage to the seat heater switch (for RH) and check that the indicator illuminates.

Text in Illustration



*a	Component without harness connected (Seat Heater Switch (for RH))
----	--

OK:

CONDITION	SWITCH CONDITION	SPECIFIED CONDITION
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 3	ON (HI)	Indicator illuminates
Battery positive (+) → Terminal 2 Battery negative (-) →	ON (LO)	



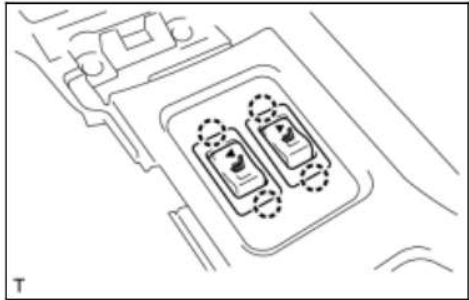
If the result is not as specified, replace the seat heater switch (for RH).



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000002Y5G00LX
Title: SEAT: SEAT HEATER SWITCH: INSTALLATION (2013 FR-S)		

INSTALLATION

1. INSTALL SEAT HEATER SWITCH



(a) Engage the 4 claws to install the 2 seat heater switches to the console box assembly.

HINT:

Install the seat heater switch so that the pointed tip of the triangle mark is facing outside the vehicle.

2. INSTALL CONSOLE BOX ASSEMBLY

INFO

  TOYOTA

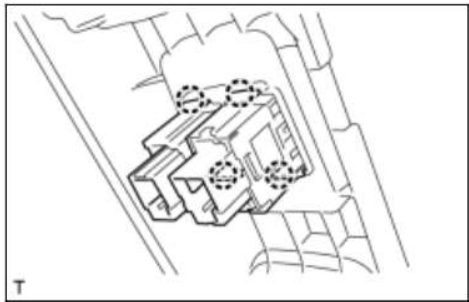
Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000002Y5I00LX
Title: SEAT: SEAT HEATER SWITCH: REMOVAL (2013 FR-S)		

REMOVAL

1. REMOVE CONSOLE BOX ASSEMBLY

INFO

2. REMOVE SEAT HEATER SWITCH



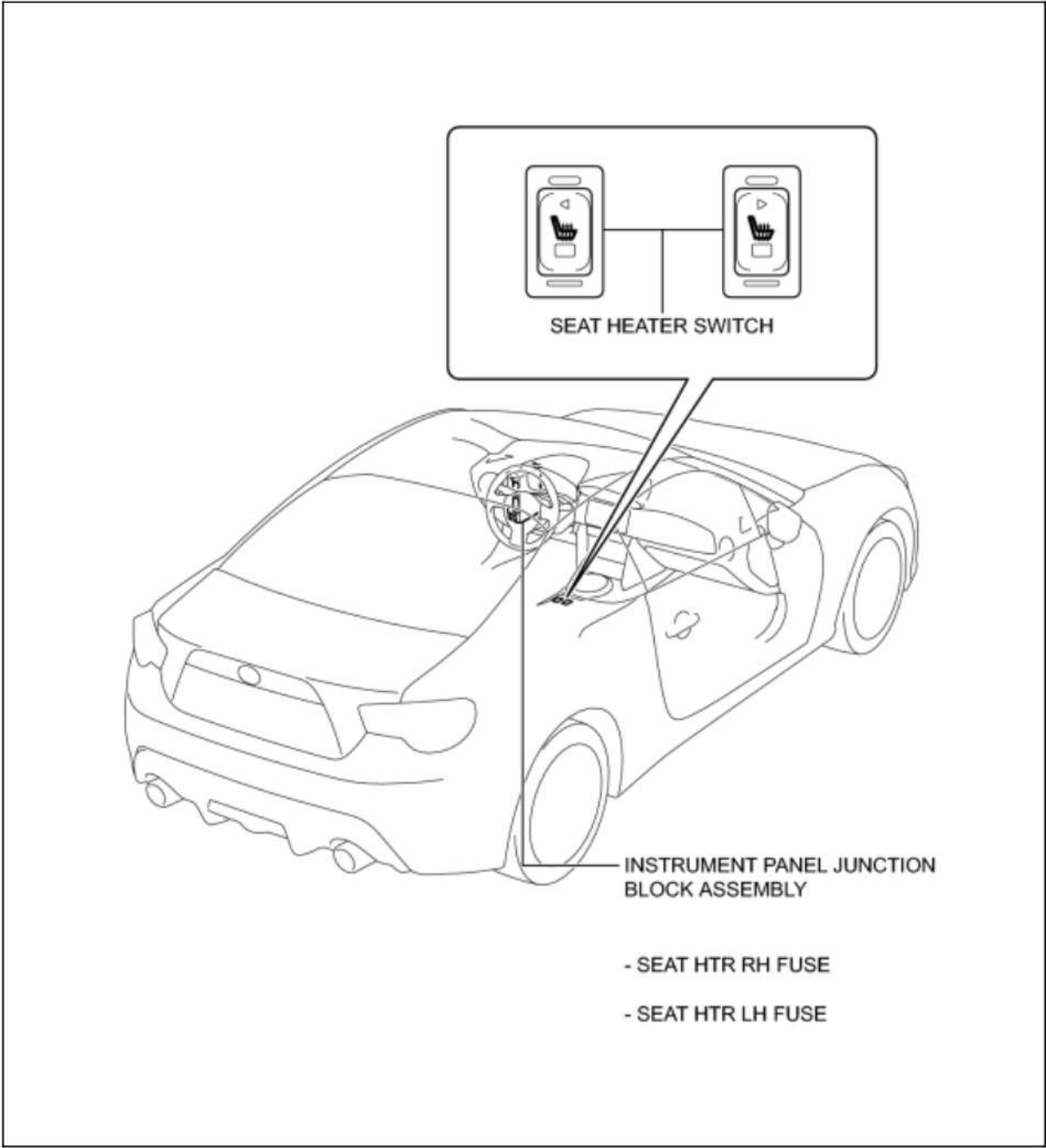
(a) Disengage the 4 claws to remove the 2 seat heater switches from the console box assembly.



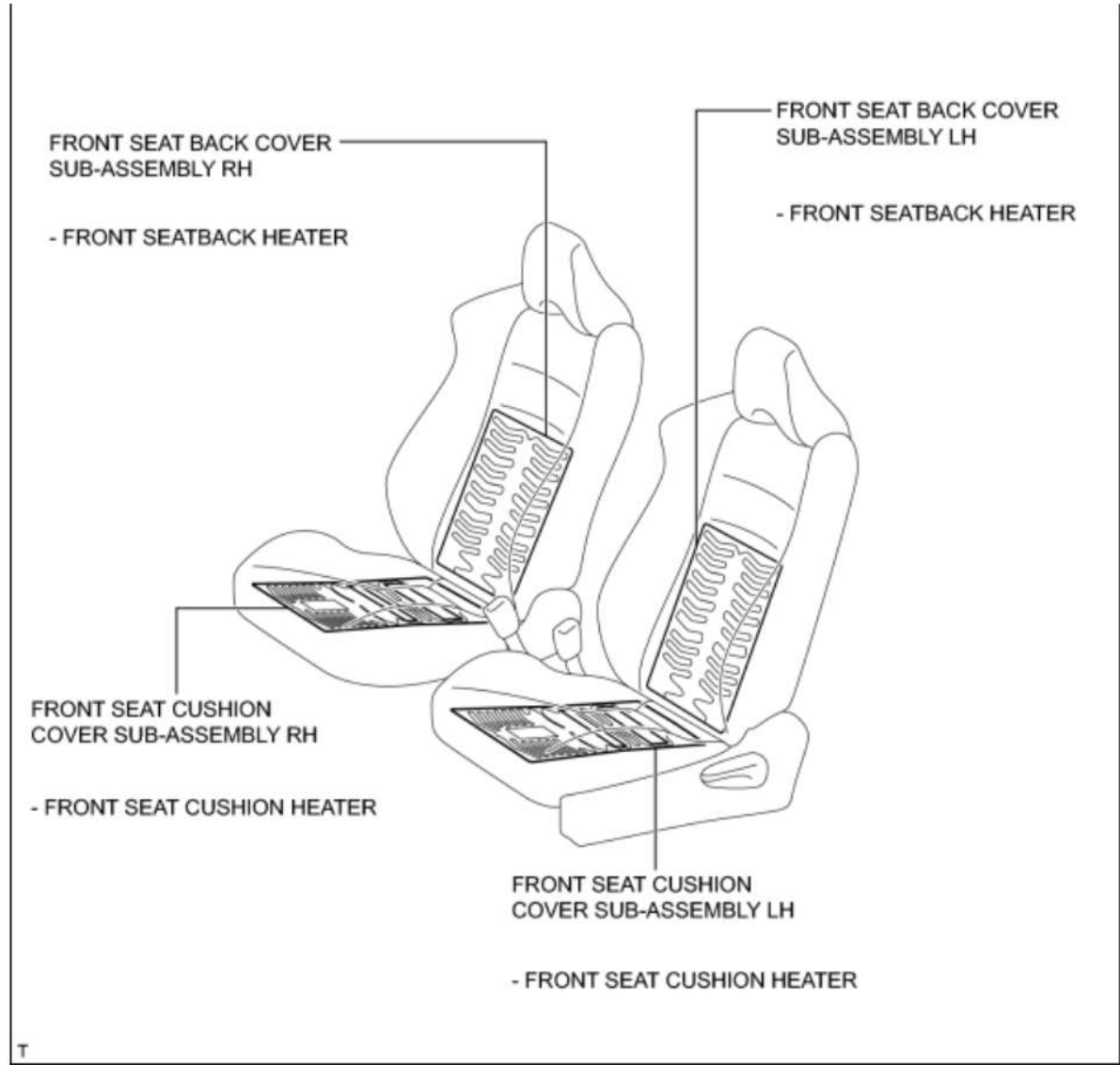
Last Modified: 3-27-2012	6.4 R	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000011HP02TX
Title: SEAT: SEAT HEATER SYSTEM: PARTS LOCATION (2013 FR-S)		

PARTS LOCATION

ILLUSTRATION



ILLUSTRATION



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Last Modified: 3-27-2012	6.4 T	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000011HQ02ZX
Title: SEAT: SEAT HEATER SYSTEM: PROBLEM SYMPTOMS TABLE (2013 FR-S)		

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
Seat heater does not operate (for Driver)	SEAT HTR LH fuse	-
	Seat heater switch LH	INFO
	Front seat assembly LH (Front seat cushion heater)	INFO
	Front seat assembly LH (Front seat back heater)	INFO
	Wire harness or connector	-
Seat heater does not operate (for Front Passenger)	SEAT HTR RH fuse	-
	Seat heater switch RH	INFO
	Front seat assembly RH (Front seat cushion heater)	INFO
	Front seat assembly RH (Front seat back heater)	INFO
	Wire harness or connector	-



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SYSTEM DESCRIPTION

1. GENERAL DESCRIPTION

- (a) The seat heater system is controlled by operating the seat heater switch, which is located in the console box.
- (b) Whether the seat heater is on or off can be determined by checking if the seat heater switch indicator light is on or off.



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SYSTEM DIAGRAM

