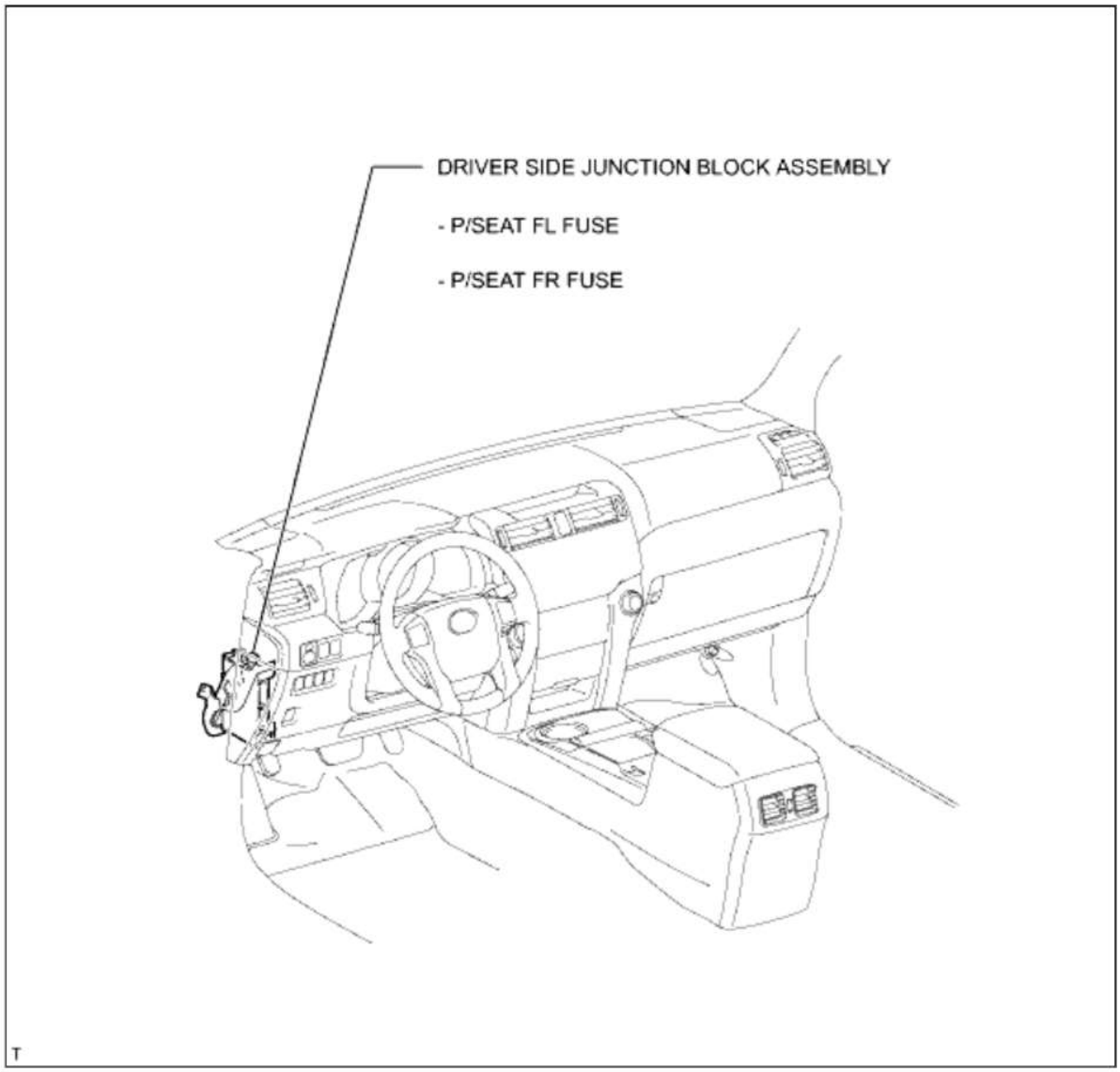
Last Modified: 5-10-2010	6.4 R	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000000X0102DX
Title: SEAT: FRONT POWER SEAT CONTROL SYSTEM: PARTS LOCATION (2010 4Runner)		

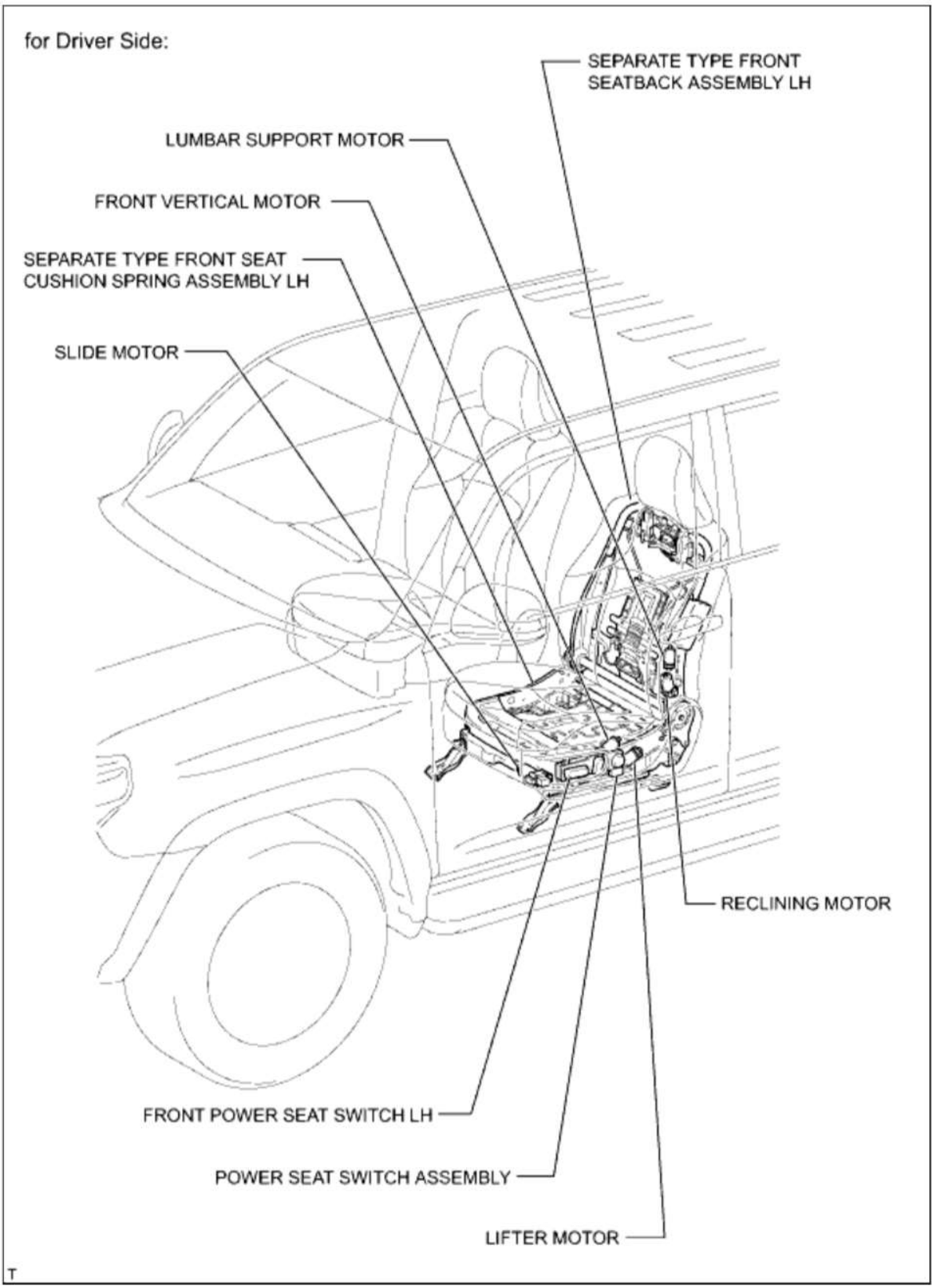
PARTS LOCATION

ILLUSTRATION



ILLUSTRATION

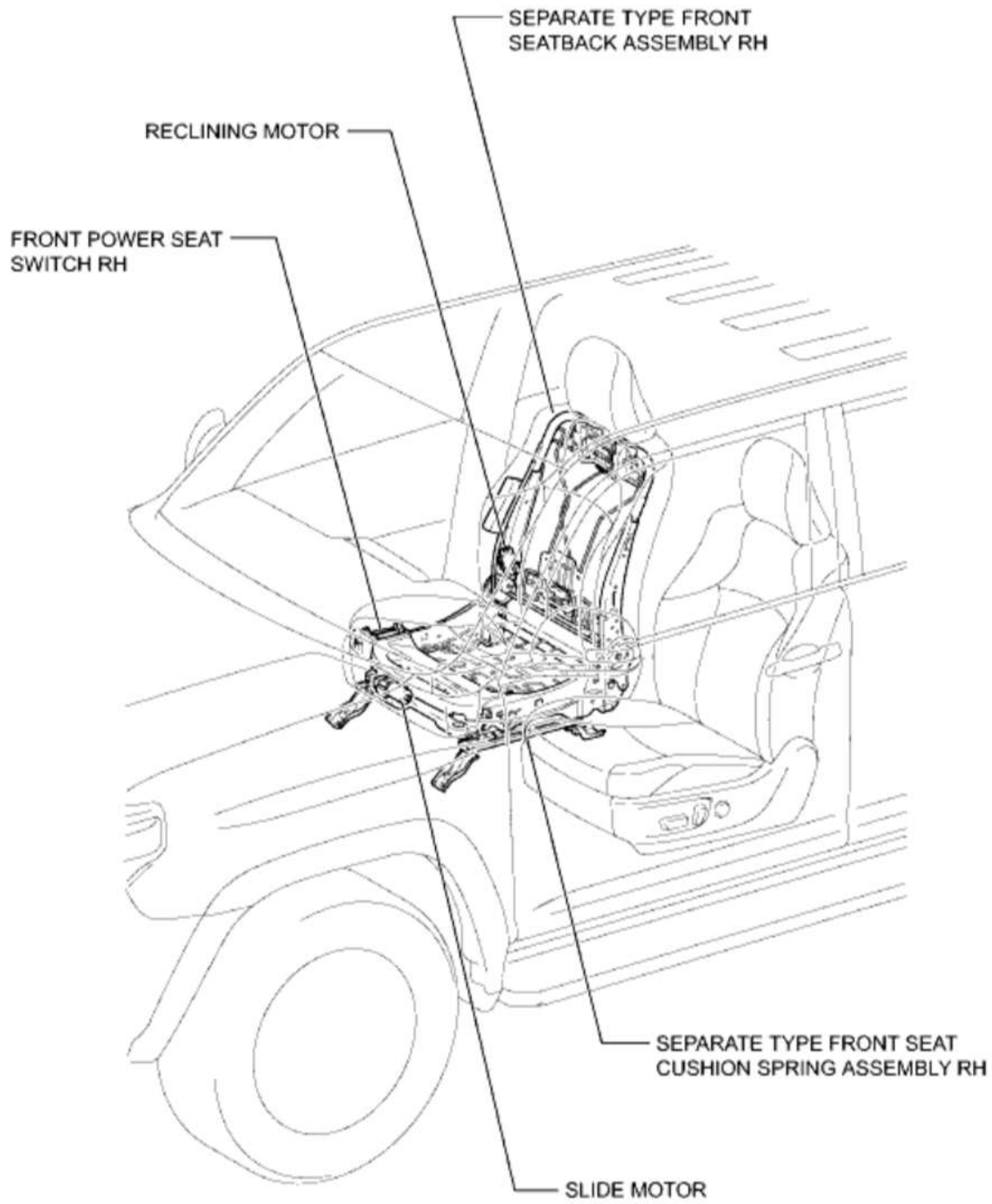
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ILLUSTRATION

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for Passenger Side:

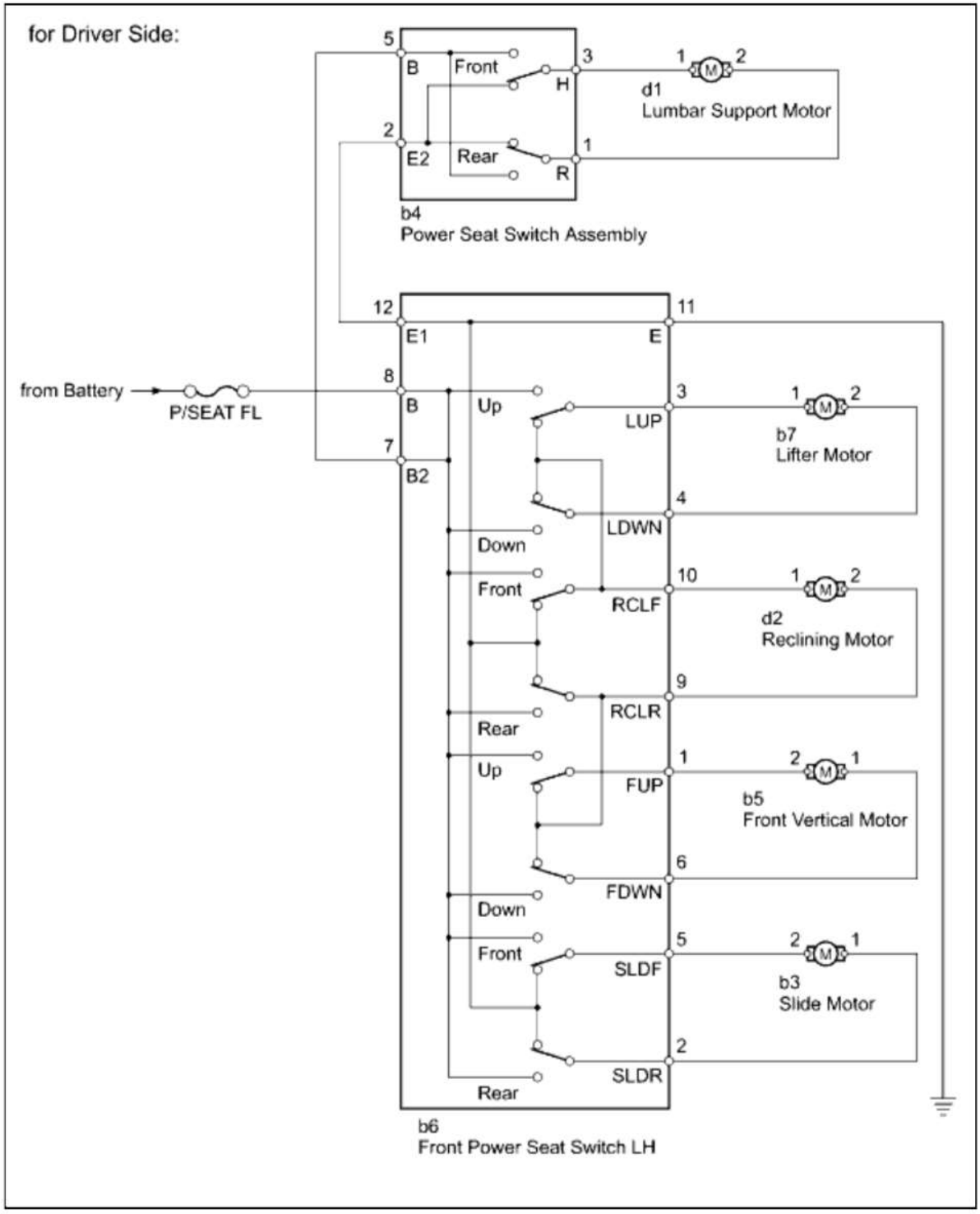


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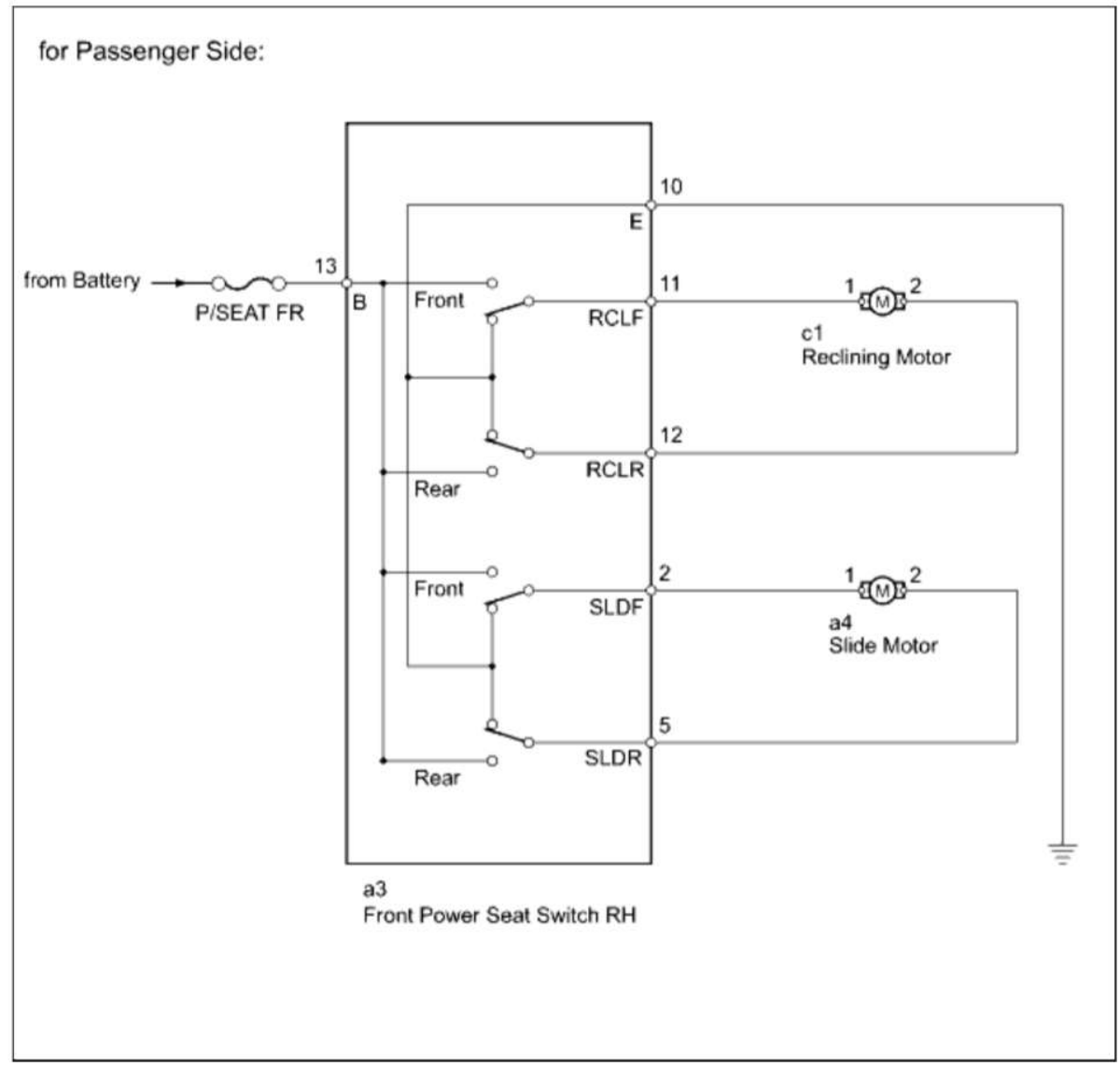
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Last Modified: 5-10-2010	6.4 U	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000000X0302DX
Title: SEAT: FRONT POWER SEAT CONTROL SYSTEM: SYSTEM DIAGRAM (2010 4Runner)		

SYSTEM DIAGRAM



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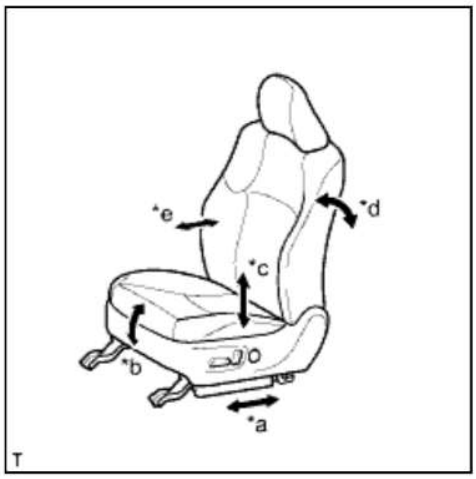
Last Modified: 5-10-2010	6.4 D	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000003S3I005X
Title: SEAT: FRONT POWER SEAT CONTROL SYSTEM: OPERATION CHECK (2010 4Runner)		

OPERATION CHECK

1. CHECK FRONT POWER SEAT FUNCTION

(a) Check the basic functions.

Text in Illustration



*a	Sliding function
*b	Front vertical function
*c	Lifter function
*d	Reclining function
*e	Lumbar support function

(1) Operate the power seat switches and check to make sure each seat function operates properly:

- Sliding
- Front vertical (for driver side)
- Lifter (for driver side)
- Reclining
- Lumbar support (for driver side)

2. CHECK POWER SEAT MOTOR ASSEMBLY (SLIDING, FRONT VERTICAL, LIFTER, RECLINING)

(a) Check the PTC thermistor operation inside the power seat motor.

HINT:

The PTC thermistor resistance increases when the power seat switch is held down even after the power seat has been moved to as much as possible in one direction. If the resistance increases beyond a specified level, current is cut to prevent a short circuit.

NOTICE:

- Make sure the inspection is performed with the seat installed in the vehicle.
- Perform the 4 steps below for each power seat function.

(1) Choose a power seat function. Operate the power seat switch and move the seat as much as possible in one direction. Keep the seat in that position for approximately 60 seconds.

(2) Operate the power seat switch again and continue to try to move the seat in the same direction as in the previous step. Measure the amount of time elapsed before current is automatically cut (the sound of the motor stops).

Standard:

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4 to 90 seconds

(3) After current has been cut, release the power seat switch and wait for approximately 60 seconds.

(4) Operate the same power seat switch and move the seat in the opposite direction. Check that the motor operates.

3. CHECK LUMBAR SUPPORT MOTOR

(a) Check the PTC thermistor operation inside the lumbar support motor.

NOTICE:

Make sure the inspection is performed with the seat installed in the vehicle.

(1) Operate the power seat switch assembly and move the lumbar support to either the foremost or rearmost position. Keep the lumbar support in that position for approximately 60 seconds.

(2) Operate the power seat switch assembly again and continue to try to move the lumbar support in the same direction as in the previous step. Measure the time until current is cut (adjuster operation sound stops).

Standard:

4 to 90 seconds

(3) After current is cut, release the power seat switch assembly and wait for approximately 60 seconds.

(4) Operate the power seat switch assembly and move the lumbar support in the opposite direction. Check that the motor operates.



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Last Modified: 5-10-2010	6.4 T	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000000X0202KX
Title: SEAT: FRONT POWER SEAT CONTROL SYSTEM: PROBLEM SYMPTOMS TABLE (2010 4Runner)		

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.
- Inspect the fuses and relays related to this system before inspecting the suspected areas below.

Front Power Seat Control System (for Driver Side)

SYMPTOM	SUSPECTED AREA	SEE PAGE
All functions do not operate	Front power seat switch LH	INFO
	Harness or connector	-
Only slide operation function does not operate	Front power seat switch LH	INFO
	Separate type front seat cushion spring assembly (slide motor)	INFO
	Harness or connector	-
Only front vertical operation function does not operate	Front power seat switch LH	INFO
	Separate type front seat cushion spring assembly (front vertical motor)	INFO
	Harness or connector	-
Only lifter operation function does not operate	Front power seat switch LH	INFO
	Separate type front seat cushion spring assembly (lifter motor)	INFO
	Harness or connector	-
Only reclining operation function does not operate	Front power seat switch LH	INFO
	Separate type front seatback assembly (reclining motor)	INFO
	Harness or connector	-
Only lumbar support operation function does not operate	Power seat switch assembly	INFO
	Separate type front seatback assembly (lumbar support motor)	INFO
	Harness or connector	-

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Front Power Seat Control System (for Passenger Side)

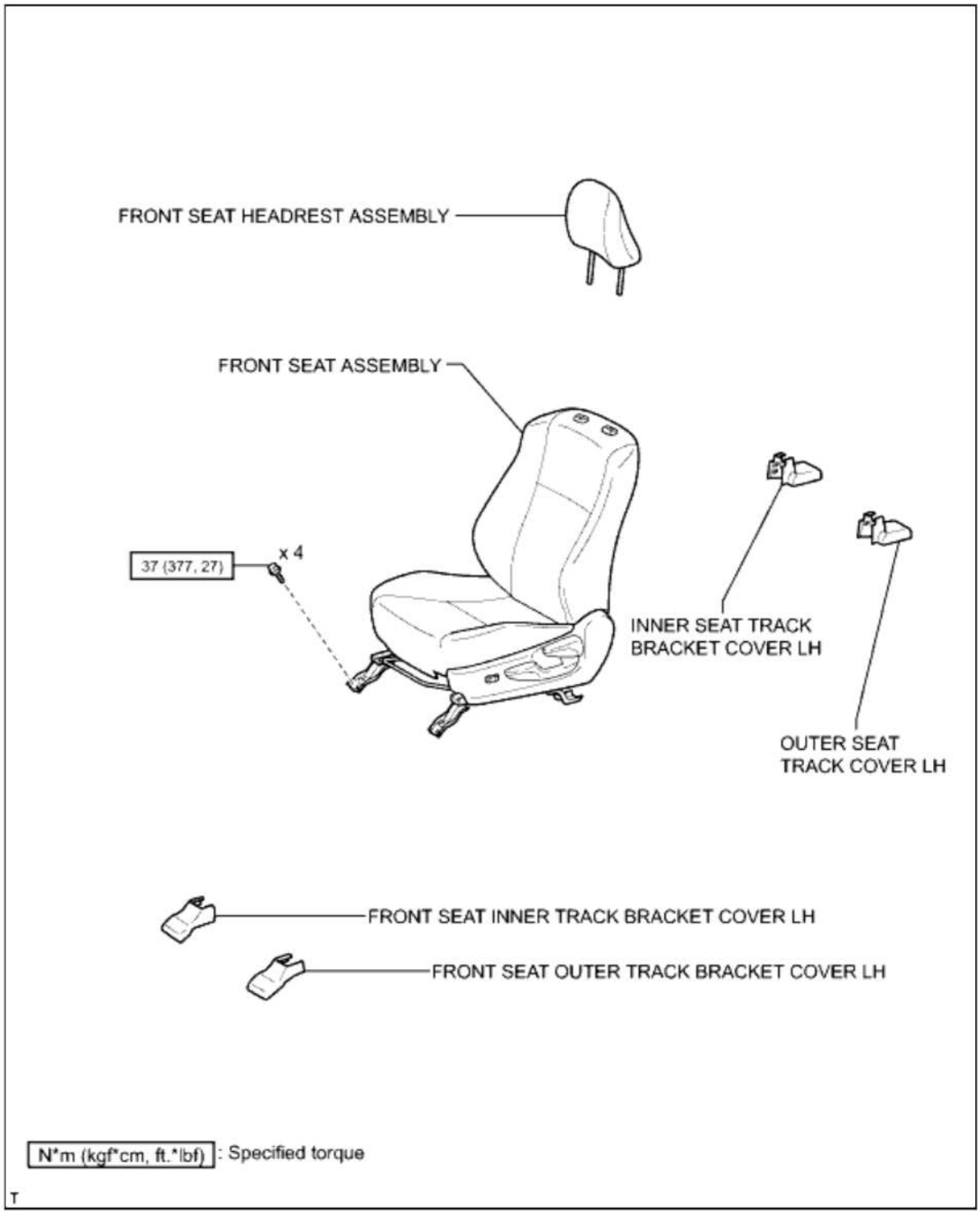
SYMPTOM	SUSPECTED AREA	SEE PAGE
All functions do not operate	Front power seat switch RH	INFO
	Harness or connector	-
Only slide operation function does not operate	Front power seat switch RH	INFO
	Separate type front seat cushion spring assembly (slide motor)	INFO
	Harness or connector	-
Only reclining operation function does not operate	Front power seat switch RH	INFO
	Separate type front seatback assembly (reclining motor)	INFO
	Harness or connector	-

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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000465X001X
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): COMPONENTS (2010 4Runner)		

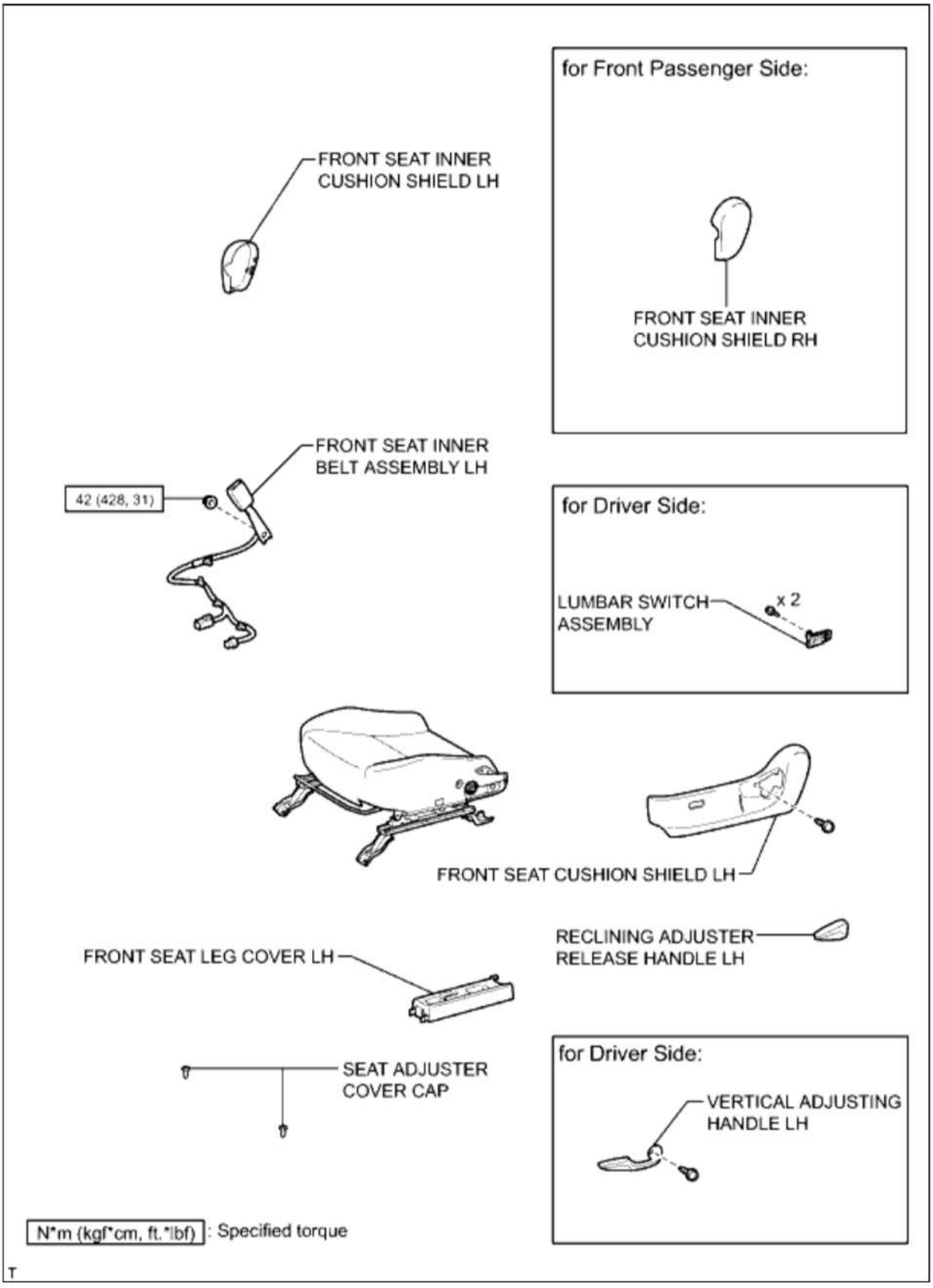
COMPONENTS

ILLUSTRATION



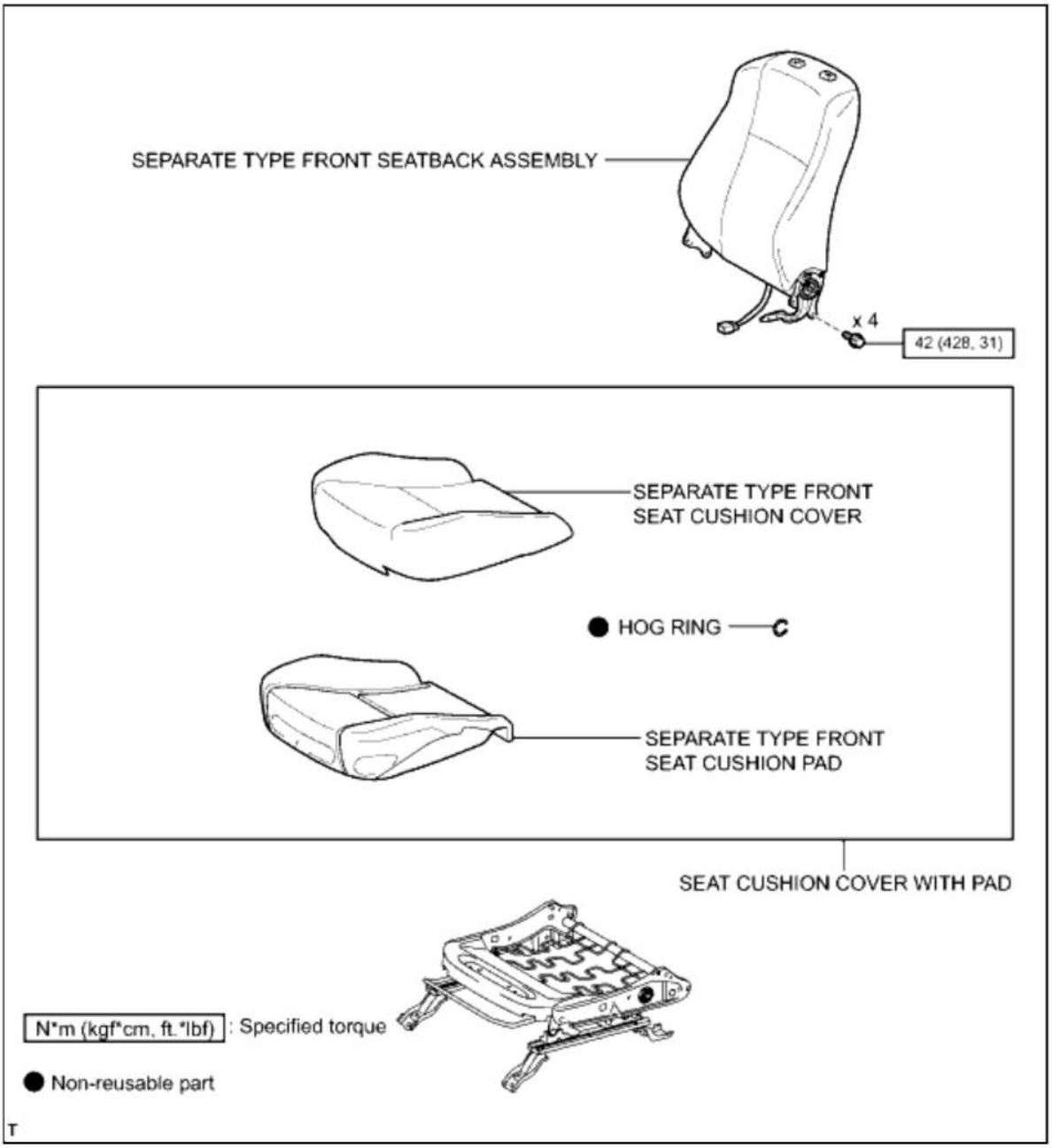
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ILLUSTRATION



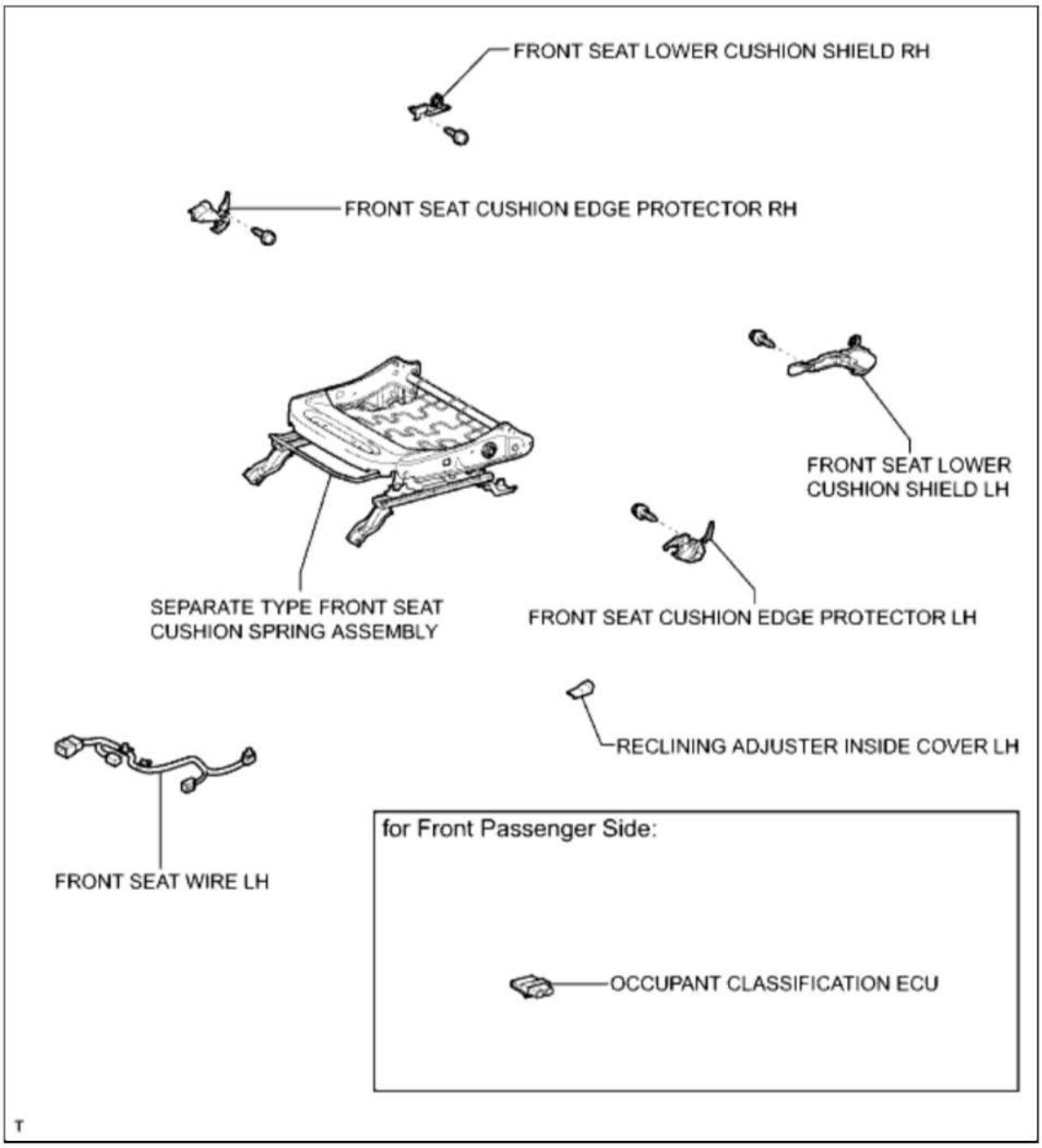
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ILLUSTRATION



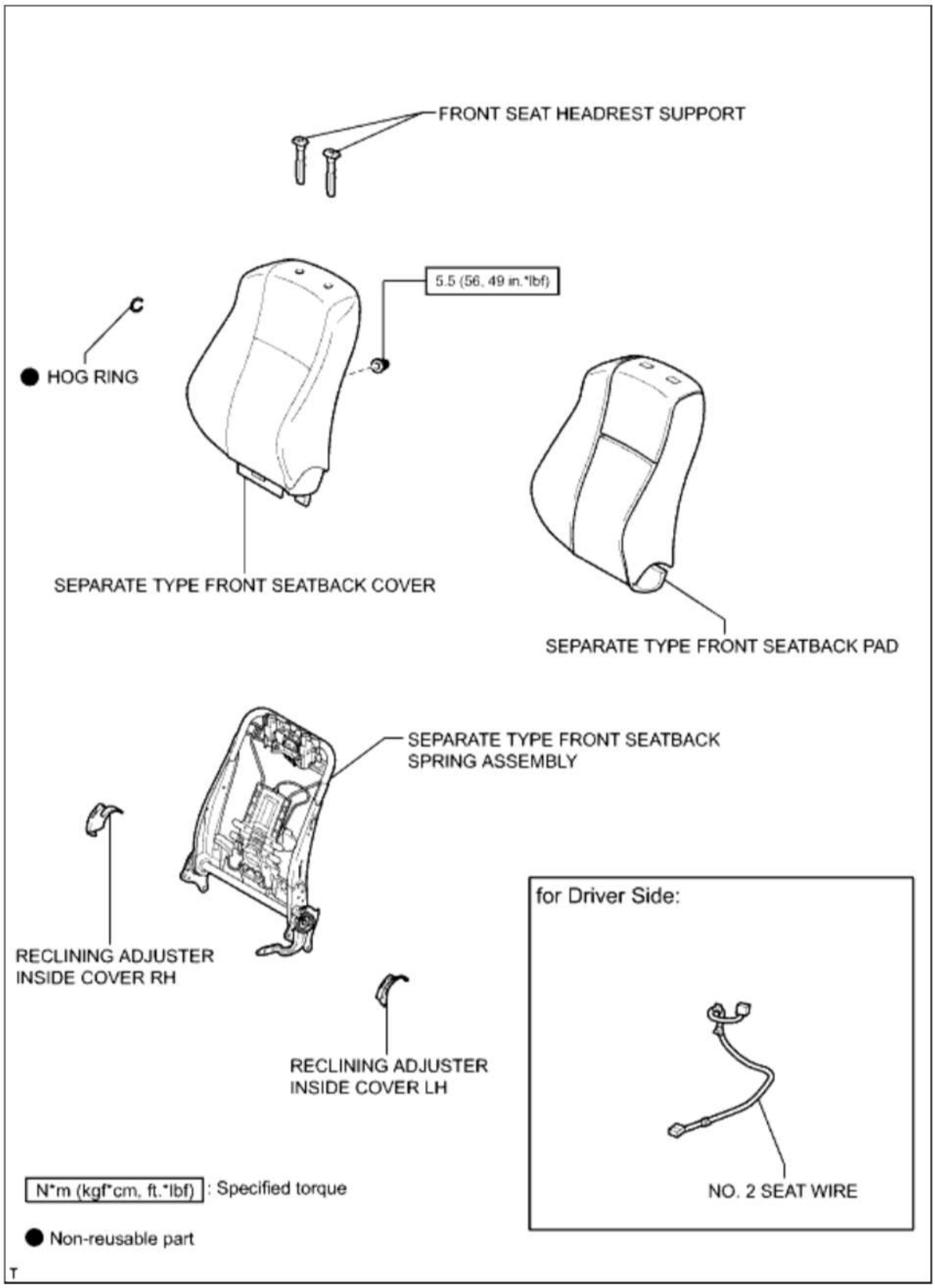
ILLUSTRATION

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000000465Z001X
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): DISASSEMBLY (2010 4Runner)		

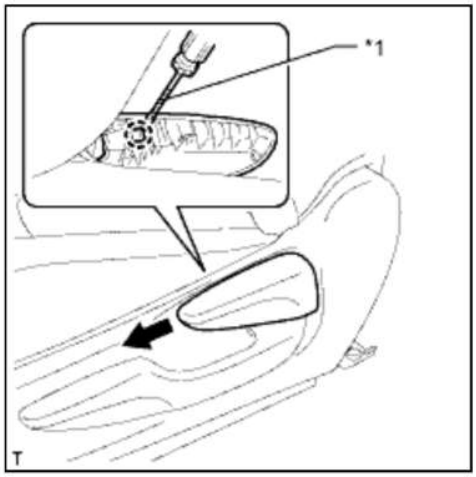
DISASSEMBLY

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.



1. REMOVE RECLINING ADJUSTER RELEASE HANDLE LH

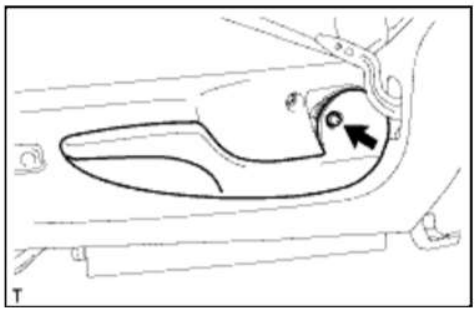
(a) Raise the reclining adjuster release handle to reveal the claw. Using a screwdriver, detach the claw and remove the handle.

HINT:

Tape the screwdriver tip before use.

Text in Illustration

*1	Protective Tape



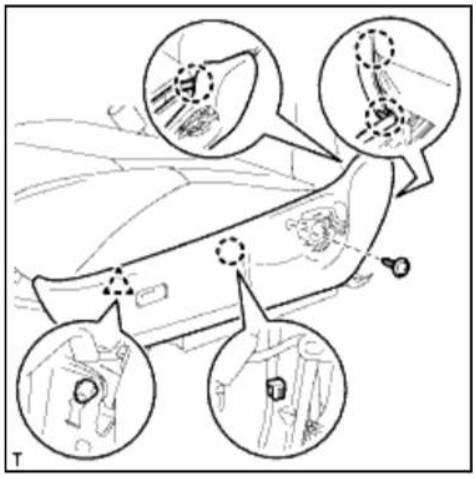
2. REMOVE VERTICAL ADJUSTING HANDLE LH (for Driver Side)

(a) Remove the screw and handle.

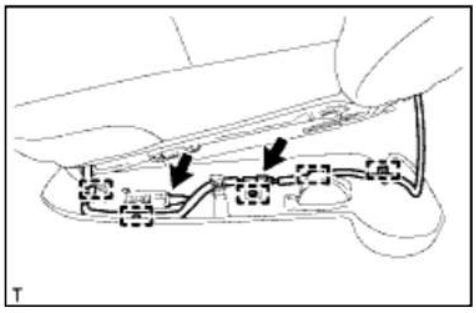
3. REMOVE FRONT SEAT CUSHION SHIELD LH

(a) Remove the screw.

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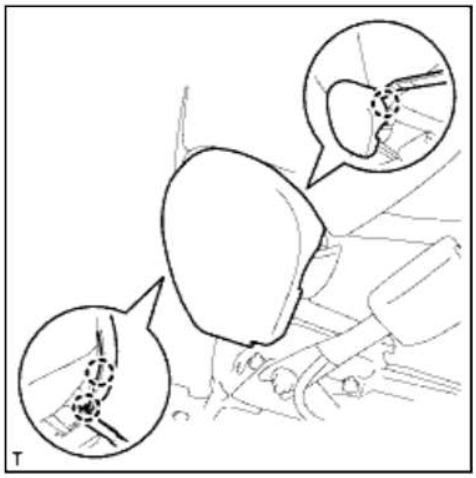
(b) Using a moulding remover, detach the 4 claws and clip, and then remove the cushion shield.



(c) for Driver Side:

Detach the 5 wire harness clamps and disconnect the 2 connectors.

4. REMOVE LUMBAR SWITCH ASSEMBLY (for Driver Side) INFO

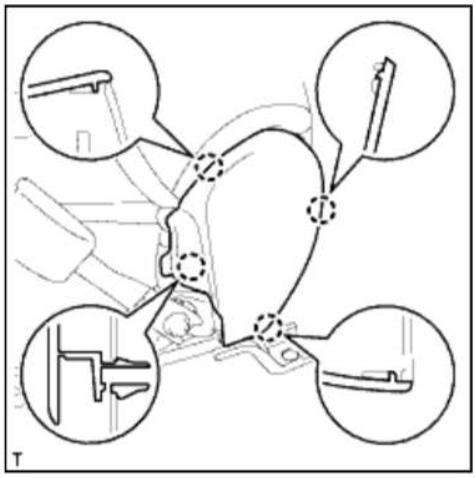


5. REMOVE FRONT SEAT INNER CUSHION SHIELD LH

(a) Using a moulding remover, detach the 3 claws and remove the cushion shield.

6. REMOVE FRONT SEAT INNER CUSHION SHIELD RH

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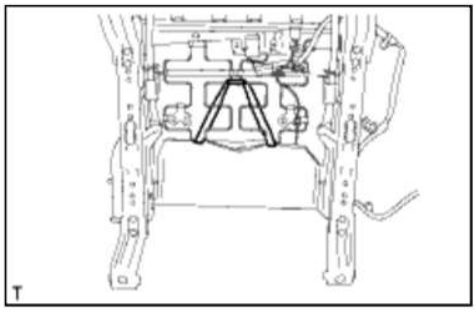


(for Front Passenger Side)

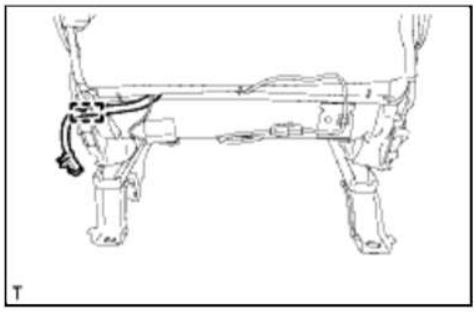
(a) Using a moulding remover, detach the 4 claws and remove the cushion shield.

7. REMOVE FRONT SEAT INNER BELT ASSEMBLY LH INFO

8. REMOVE SEPARATE TYPE FRONT SEATBACK ASSEMBLY



(a) Remove the rubber band from the seat cushion spring.

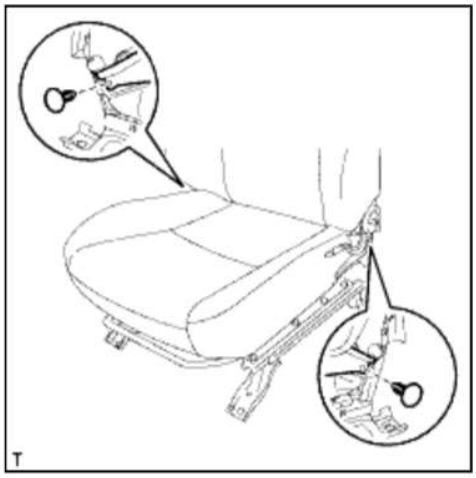


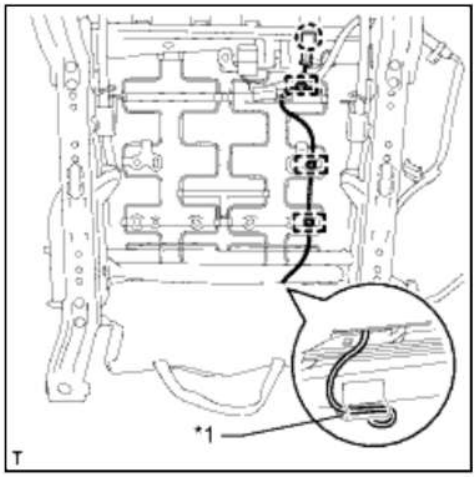
(b) for Driver Side:

Detach the clamp and disconnect the No. 2 seat wire.

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

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(d) Detach the claw and disconnect the airbag connector.

(e) Detach the 3 airbag wire harness clamps.

(f) Detach the fastening tape and open the cover.

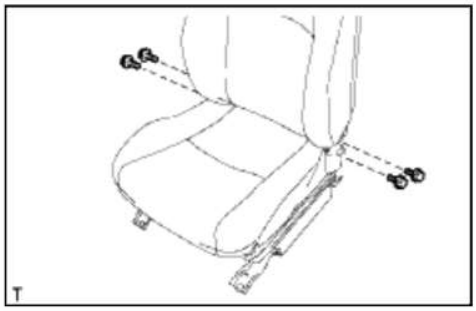
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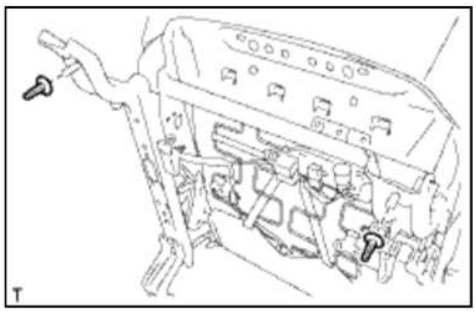
*1	Fastening Tape

(g) Disconnect the airbag wire harness.

(h) Remove the 4 bolts and seatback assembly.

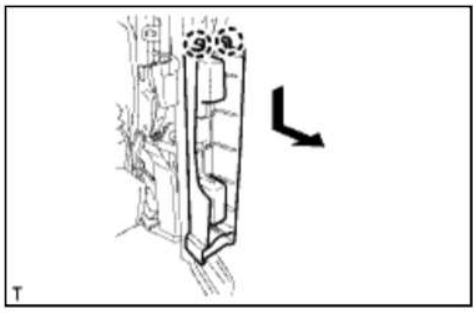
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9. REMOVE SEAT ADJUSTER COVER CAP

(a) Remove the 2 caps.



10. REMOVE FRONT SEAT LEG COVER LH

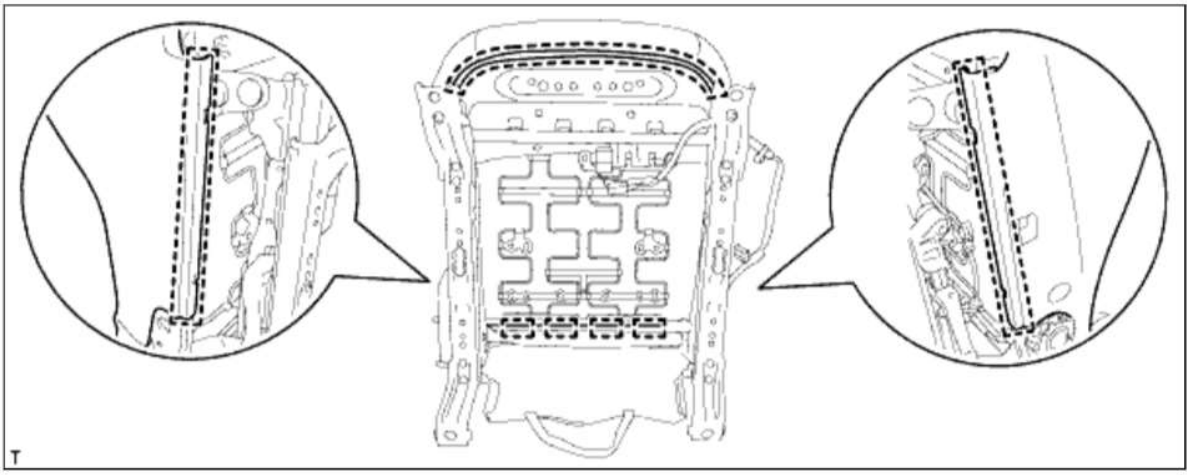
(a) Detach the 2 claws.

(b) Move the cover in the direction of the arrow to remove the cover.

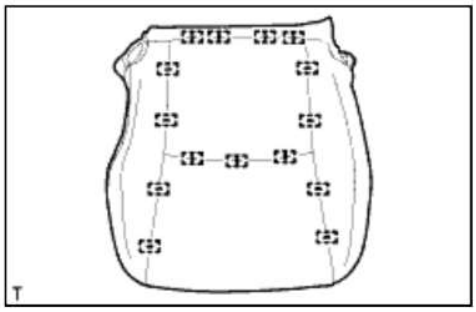
11. REMOVE SEAT CUSHION COVER WITH PAD

(a) Detach the hooks.

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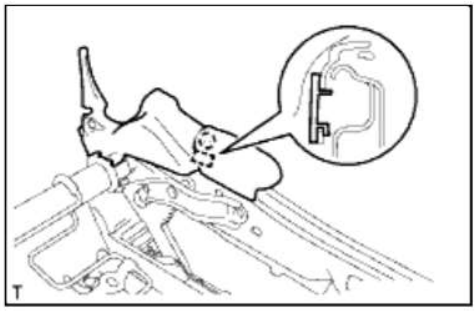


(b) Remove the seat cushion cover with pad.



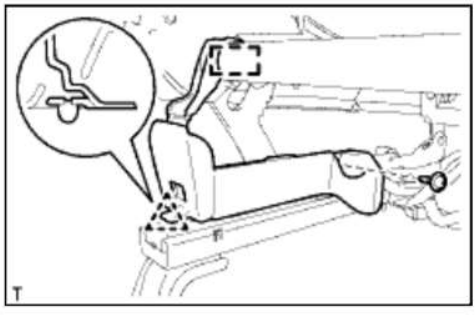
12. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER

(a) Remove the hog rings and seat cushion cover from the seat cushion pad.



13. REMOVE RECLINING ADJUSTER INSIDE COVER LH

(a) Detach the claw and guide, and then remove the cover.



14. REMOVE FRONT SEAT LOWER CUSHION SHIELD LH

(a) Remove the screw.

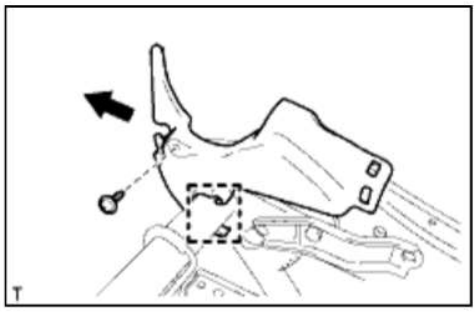
(b) Detach the hook and clip, and then remove the cushion shield.

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15. REMOVE FRONT SEAT LOWER CUSHION SHIELD RH

(a) Remove the screw.

(b) Detach the hook and clip, and then remove the cushion shield.



16. REMOVE FRONT SEAT CUSHION EDGE PROTECTOR LH

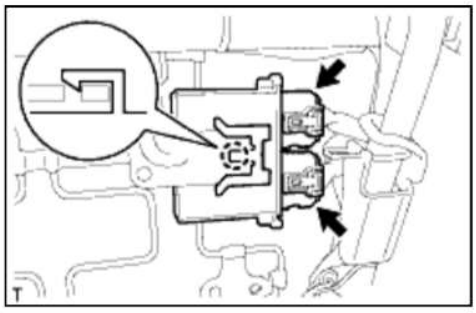
(a) Remove the screw.

(b) Move the protector in the direction of the arrow to detach the hook and remove the protector.

17. REMOVE FRONT SEAT CUSHION EDGE PROTECTOR RH

HINT:

Use the same procedure described for the LH side.



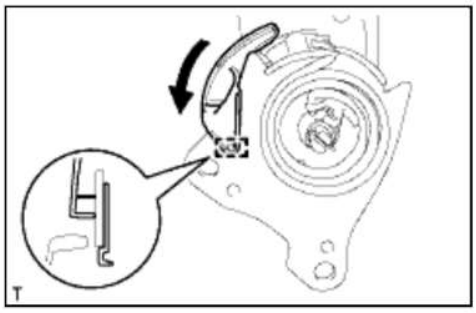
18. REMOVE OCCUPANT CLASSIFICATION ECU (for Front Passenger Side)

(a) Disconnect the 2 connectors.

(b) Detach the claw and remove the ECU.

19. REMOVE FRONT SEAT WIRE LH

(a) Remove the seat wire.



20. REMOVE RECLINING ADJUSTER INSIDE COVER LH

(a) Detach the guide.

(b) Move the cover in the direction of the arrow to remove it.

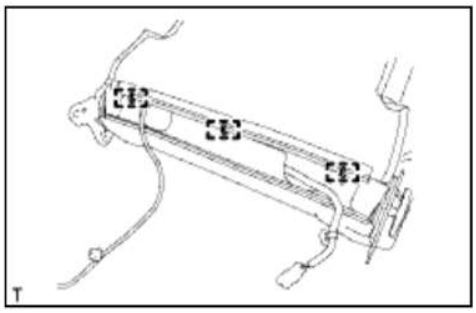
21. REMOVE RECLINING ADJUSTER INSIDE COVER RH

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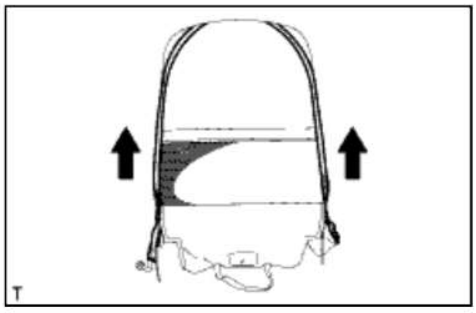
HINT:

Use the same procedure described for the LH side.

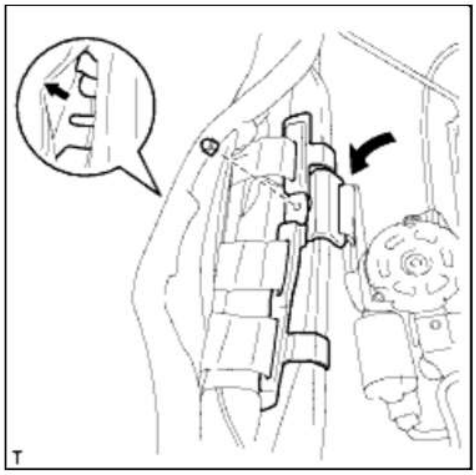
22. REMOVE SEPARATE TYPE FRONT SEATBACK COVER



(a) Remove the 3 hog rings.



(b) Open the 2 fasteners, and then open the seatback cover.

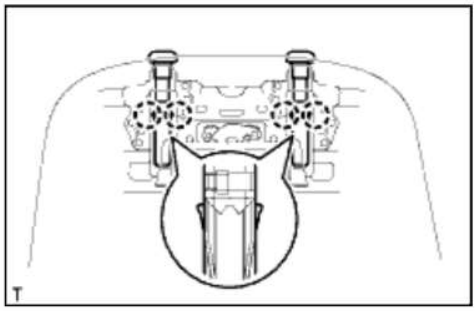


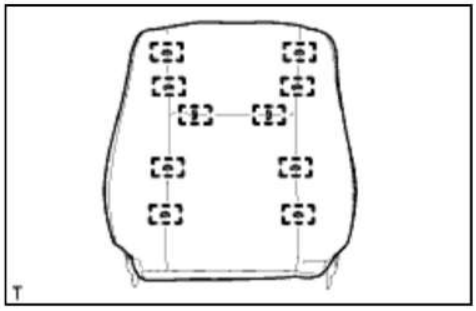
(c) Remove the nut and seatback cover bracket from the seat frame.

(d) Disconnect the seatback cover bracket from the seatback pad.

(e) Using a screwdriver, detach the 4 claws and remove the 2 headrest supports.

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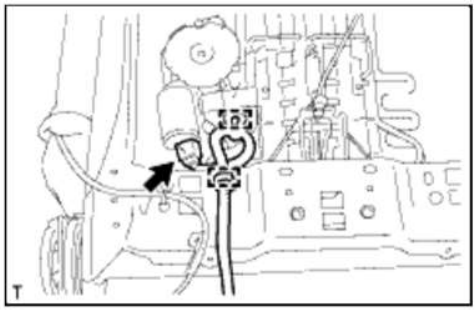




(f) Remove the hog rings and seatback cover.

23. REMOVE SEPARATE TYPE FRONT SEATBACK PAD

(a) Remove the seatback pad.



24. REMOVE NO. 2 SEAT WIRE (for Driver Side)

(a) Disconnect the connector.

(b) Detach the 2 clamps and remove the seat wire.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000465Y001X
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): REMOVAL (2010 4Runner)		

REMOVAL

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. 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:

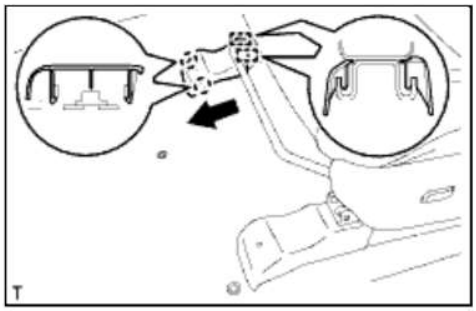
When disconnecting the cable, some systems need to be initialized after the cable is reconnected INFO .

2. REMOVE FRONT SEAT HEADREST ASSEMBLY

(a) Remove the front seat headrest.

3. REMOVE FRONT SEAT INNER TRACK BRACKET COVER LH

(a) Operate the seat track adjusting handle to move the seat to the rearmost position.



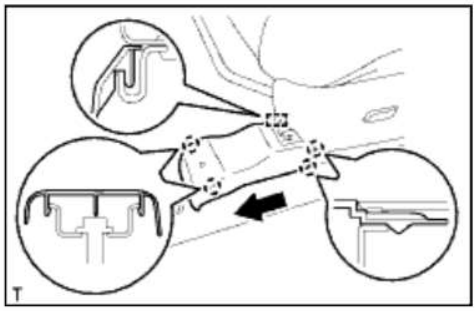
(b) Using a moulding remover, detach the 2 claws.

(c) Move the cover in the direction of the arrow to detach the 2 guides and remove the cover.

4. REMOVE FRONT SEAT OUTER TRACK BRACKET COVER LH

(a) Using a moulding remover, detach the 2 claws.

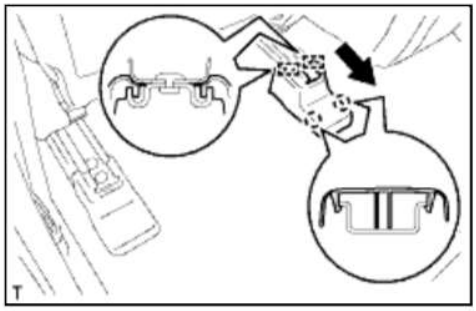
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(b) Move the cover in the direction of the arrow to detach the 2 claws and guide and remove the cover.

5. REMOVE INNER SEAT TRACK BRACKET COVER LH

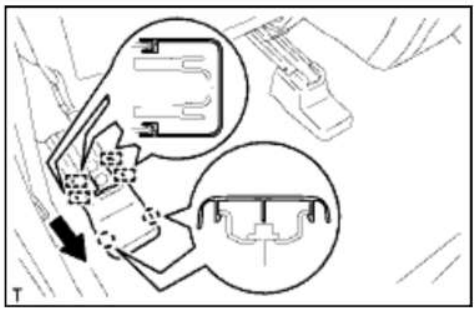
(a) Operate the seat track adjusting handle to move the seat to the foremost position.



(b) Using a moulding remover, detach the 2 claws.

(c) Move the cover in the direction of the arrow to detach the 2 guides and remove the cover.

6. REMOVE OUTER SEAT TRACK COVER LH



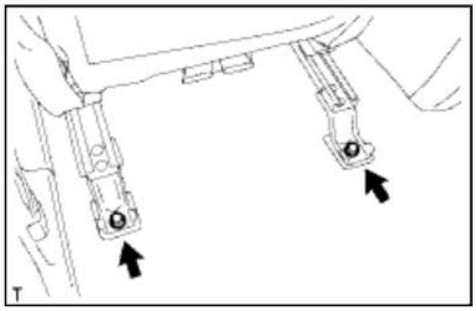
(a) Using a moulding remover, detach the 2 claws.

(b) Move the cover in the direction of the arrow to detach the 4 guides and remove the cover.

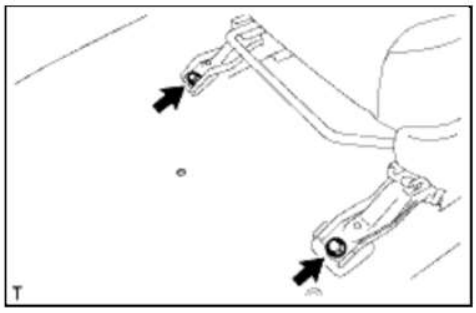
7. REMOVE FRONT SEAT ASSEMBLY

(a) Remove the 2 bolts.

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(b) Operate the seat track adjusting handle to move the seat to the rearmost position.



(c) Remove the 2 bolts.

(d) Operate the seat track adjusting handle to move the seat to the center position, and operate the reclining adjusting handle and move the seatback to the upright position.

(e) Disconnect the connectors under the seat.

(f) Remove the front seat assembly.

NOTICE:

Be careful not to damage the vehicle body.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004660001X
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): REASSEMBLY (2010 4Runner)		

REASSEMBLY

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. INSTALL NO. 2 SEAT WIRE (for Driver Side)

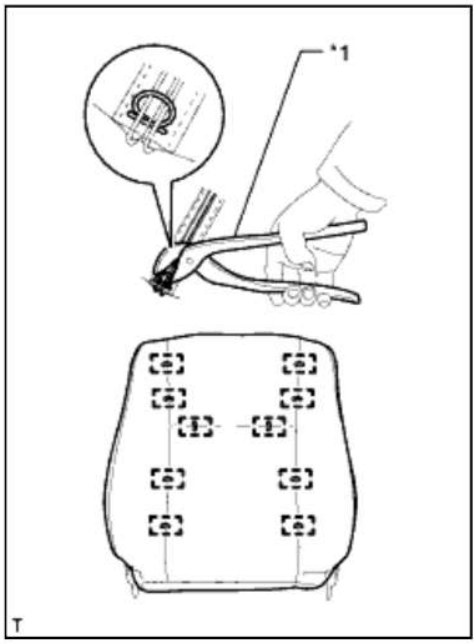
(a) Attach the 2 clamps to install the seat wire.

(b) Connect the connector.

2. INSTALL SEPARATE TYPE FRONT SEATBACK PAD

(a) Install the seatback pad.

3. INSTALL SEPARATE TYPE FRONT SEATBACK COVER



(a) Using hog ring pliers, install the seatback cover to the seatback pad with new hog rings.

Text in Illustration

*1	Hog Ring Pliers

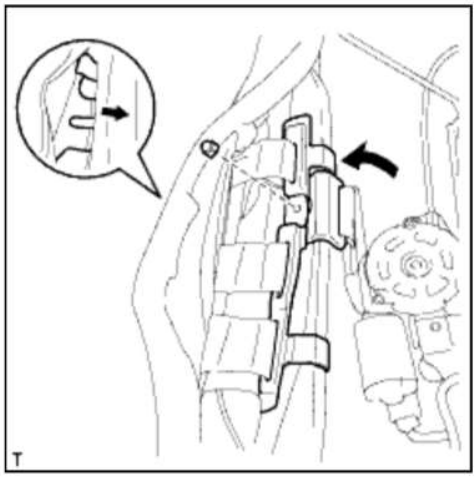
NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

(b) Attach the 4 claws to install the 2 headrest supports.

(c) Connect the seatback cover bracket to the seatback pad.

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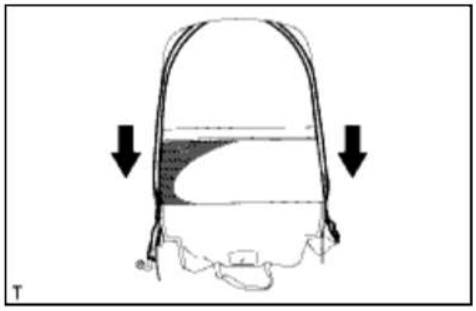


(d) Install the seatback cover bracket to the seat frame with the nut.

Torque: 5.5 N·m (56 kgf·cm, 49in·lbf)

NOTICE:

After the seatback trim cover is assembled, make sure the side airbag strap is not twisted.



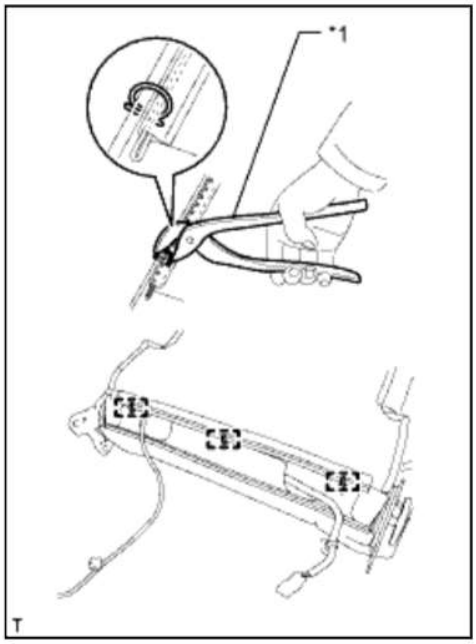
(e) Close the 2 fasteners, and then close the seatback cover.

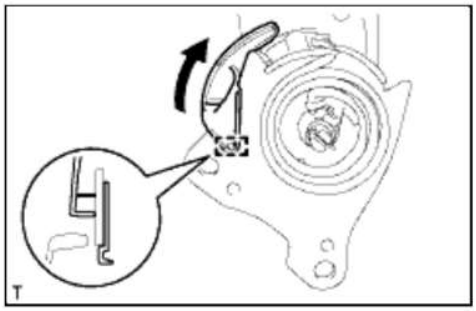
(f) Using hog ring pliers, install new 3 hog rings.

Text in Illustration

*1	Hog Ring Pliers

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4. INSTALL RECLINING ADJUSTER INSIDE COVER LH

(a) Move the cover in the direction of the arrow to install the cover.

(b) Attach the guide.

5. INSTALL RECLINING ADJUSTER INSIDE COVER RH

HINT:

Use the same procedure described for the LH side.

6. INSTALL FRONT SEAT WIRE LH

(a) Install the seat wire.

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

(a) Attach the claw to install the ECU.

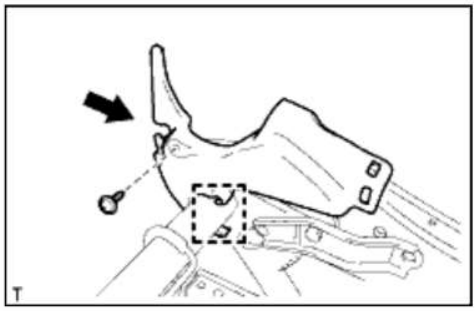
(b) Connect the 2 connectors.

8. INSTALL FRONT SEAT CUSHION EDGE PROTECTOR LH

(a) Move the protector in the direction of the arrow to attach the hook and install the protector.

(b) Install the screw.

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9. INSTALL FRONT SEAT CUSHION EDGE PROTECTOR RH

HINT:

Use the same procedure described for the LH side.

10. INSTALL FRONT SEAT LOWER CUSHION SHIELD LH

(a) Attach the hook and clip to install the cushion shield.

(b) Install the screw.

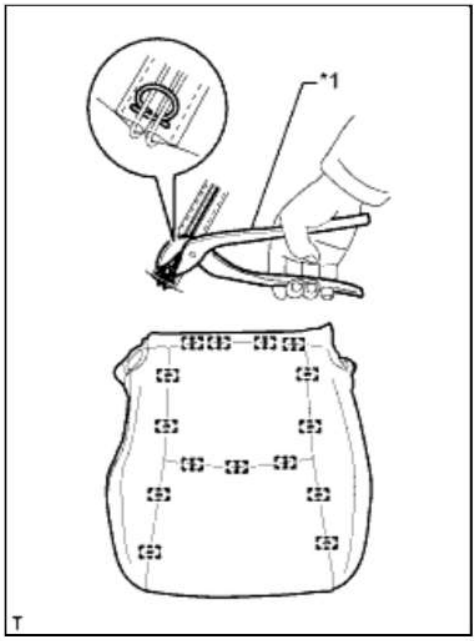
11. INSTALL FRONT SEAT LOWER CUSHION SHIELD RH

(a) Attach the hook and clip to install the cushion shield.

(b) Install the screw.

12. INSTALL RECLINING ADJUSTER INSIDE COVER LH

(a) Attach the claw and guide to install the cover.



13. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER

(a) Using hog ring pliers, install the seat cushion cover to the seat cushion pad with new hog rings.

Text in Illustration

*1	Hog Ring Pliers

NOTICE:

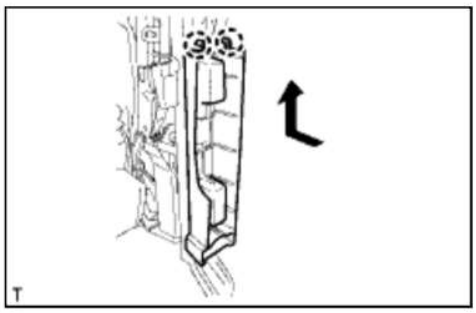
- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

14. INSTALL SEAT CUSHION COVER WITH PAD

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(a) Install the seat cushion cover with pad.

(b) Attach the hooks.



15. INSTALL FRONT SEAT LEG COVER LH

(a) Move the cover in the direction of the arrow to install the cover.

(b) Attach the 2 claws.

16. INSTALL SEAT ADJUSTER COVER CAP

(a) Install the 2 caps.

17. INSTALL SEPARATE TYPE FRONT SEATBACK ASSEMBLY

(a) Install the seatback assembly with the 4 bolts.

Torque: 42 N·m (428 kgf·cm, 31ft·lbf)

(b) Connect the airbag wire harness.

(c) Attach the fastening tape to close the cover.

(d) Attach the 3 airbag wire harness clamps.

(e) Attach the claw and disconnect the airbag connector.

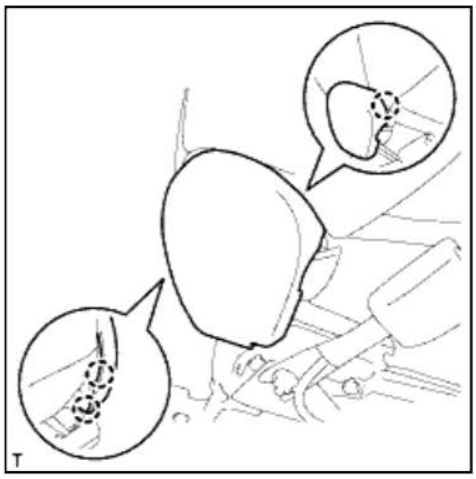
(f) Install the 2 clips.

(g) for Driver Side:

Attach the clamp to connect the No. 2 seat wire.

(h) Install the rubber band to the seat cushion spring.

18. INSTALL FRONT SEAT INNER BELT ASSEMBLY LH INFO



19. INSTALL FRONT SEAT INNER CUSHION SHIELD LH

(a) Attach the 3 claws to install the cushion shield.

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20. INSTALL FRONT SEAT INNER CUSHION SHIELD RH (for Front Passenger Side)

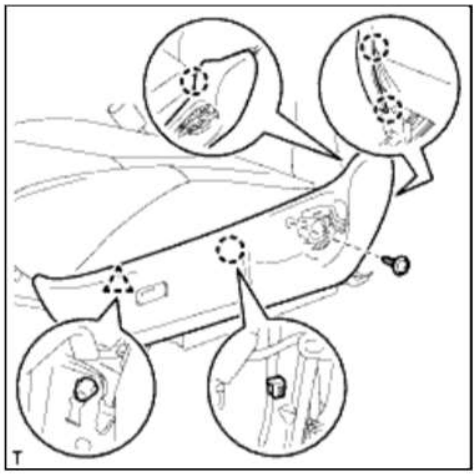
(a) Attach the 4 claws to install the cushion shield.

21. INSTALL LUMBAR SWITCH ASSEMBLY (for Driver Side) INFO

22. INSTALL FRONT SEAT CUSHION SHIELD LH

(a) for Driver Side:

Attach the 5 wire harness clamps and connect the 2 connectors.

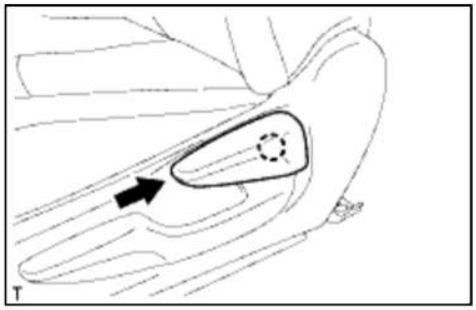


(b) Attach the 4 claws and clip to install the cushion shield.

(c) Install the screw.

23. INSTALL VERTICAL ADJUSTING HANDLE LH (for Driver Side)

(a) Install the handle with the screw.



24. INSTALL RECLINING ADJUSTER RELEASE HANDLE LH

(a) Attach the claw to install the handle.

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Last Modified: 5-10-2010	6.4 G	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000047NW000X
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): INSPECTION (2010 4Runner)		

INSPECTION

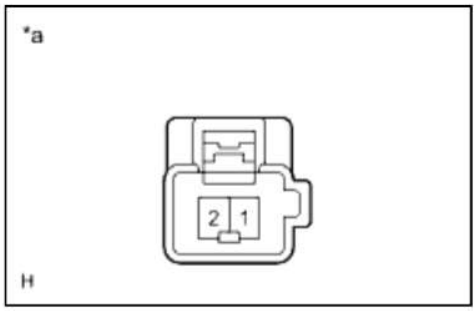
1. INSPECT SEPARATE TYPE FRONT SEATBACK ASSEMBLY

(a) for Driver Side:

(1) Check operation of the front seatback (lumbar motor).

Check if the front seatback moves smoothly when the battery is connected to the lumbar motor connector terminals.

OK:



MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → 1 Battery negative (-) → 2	Forward
Battery positive (+) → 2 Battery negative (-) → 1	Backward

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

Text in Illustration

*a	Component without harness connected (Front Seatback Assembly (Lumbar Motor))

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000465W001X
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): INSTALLATION (2010 4Runner)		

INSTALLATION

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. INSTALL FRONT SEAT ASSEMBLY

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

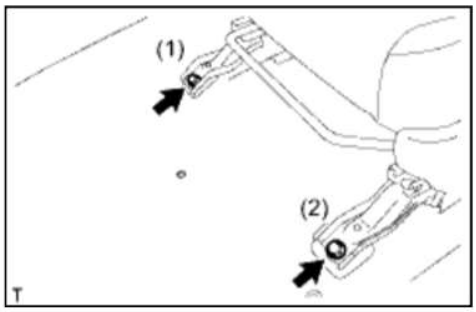
NOTICE:

Be careful not to damage the vehicle body.

(b) Connect the seat wire connectors under the seat.

(c) Temporarily install the front seat assembly with the 4 bolts.

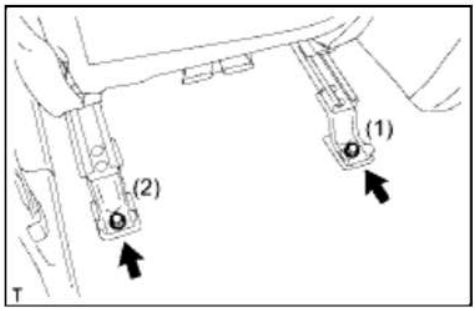
(d) Operate the seat track adjusting handle to move the seat to the rearmost position.



(e) Tighten the bolts in the order indicated in the illustration.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

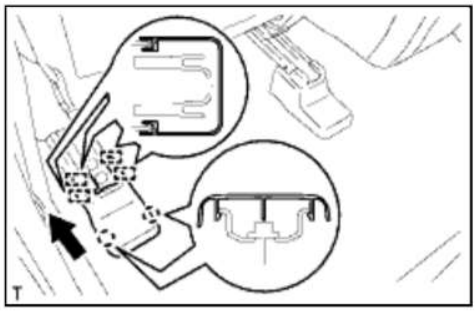
(f) Operate the seat track adjusting handle to move the seat to the foremost position.



(g) Tighten the bolts in the order indicated in the illustration.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

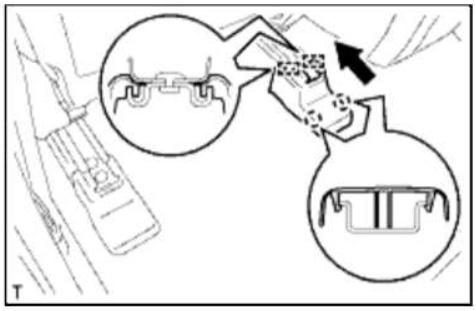
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2. INSTALL OUTER SEAT TRACK COVER LH

(a) Move the cover in the direction of the arrow to attach the 4 guides.

(b) Attach the 2 claws to install the cover.



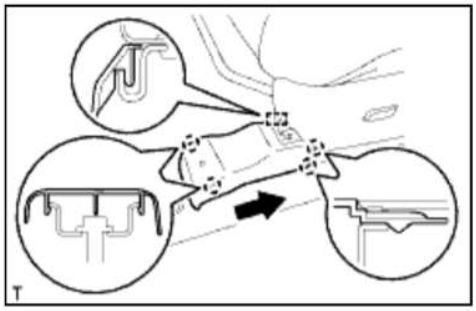
3. INSTALL INNER SEAT TRACK BRACKET COVER LH

(a) Move the cover in the direction of the arrow to attach the 2 guides.

(b) Attach the 2 claws to install the cover.

4. INSTALL FRONT SEAT OUTER TRACK BRACKET COVER LH

(a) Operate the seat track adjusting handle to move the seat to the rearmost position.



(b) Move the cover in the direction of the arrow to attach the 2 claws and guide.

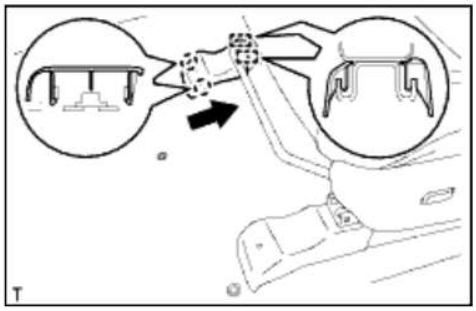
(c) Attach the 2 claws to install the cover.

5. INSTALL FRONT SEAT INNER TRACK BRACKET COVER LH

(a) Move the cover in the direction of the arrow to attach the 2 guides.

(b) Attach the 2 claws to install the cover.

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6. INSTALL FRONT SEAT HEADREST ASSEMBLY

(a) Install the front seat headrest.

7. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

NOTICE:

When disconnecting the cable, some systems need to be initialized after the cable is reconnected INFO .

8. CHECK SRS WARNING LIGHT

(a) Check the SRS warning light INFO .

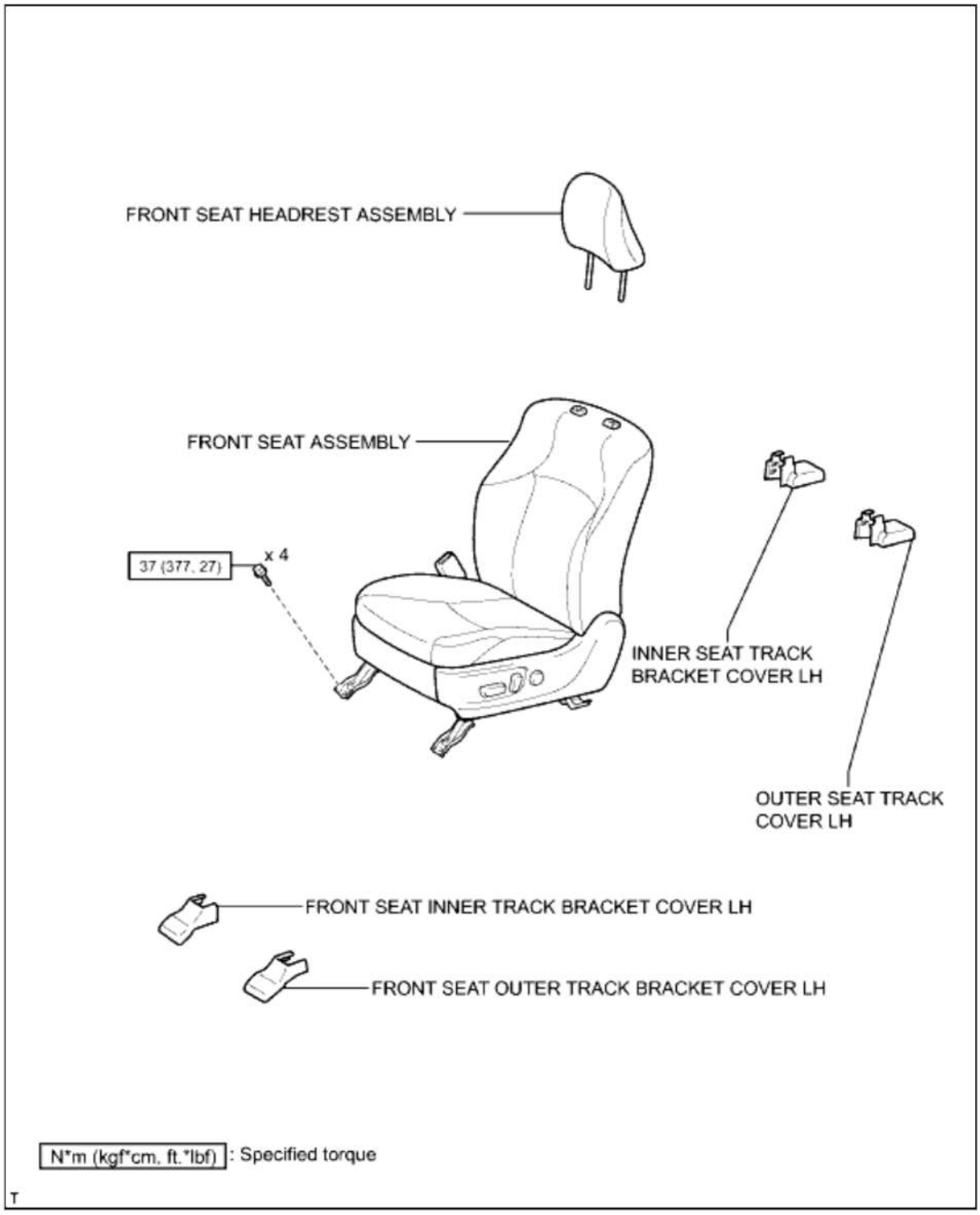
TOYOTA

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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004671001X
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): COMPONENTS (2010 4Runner)		

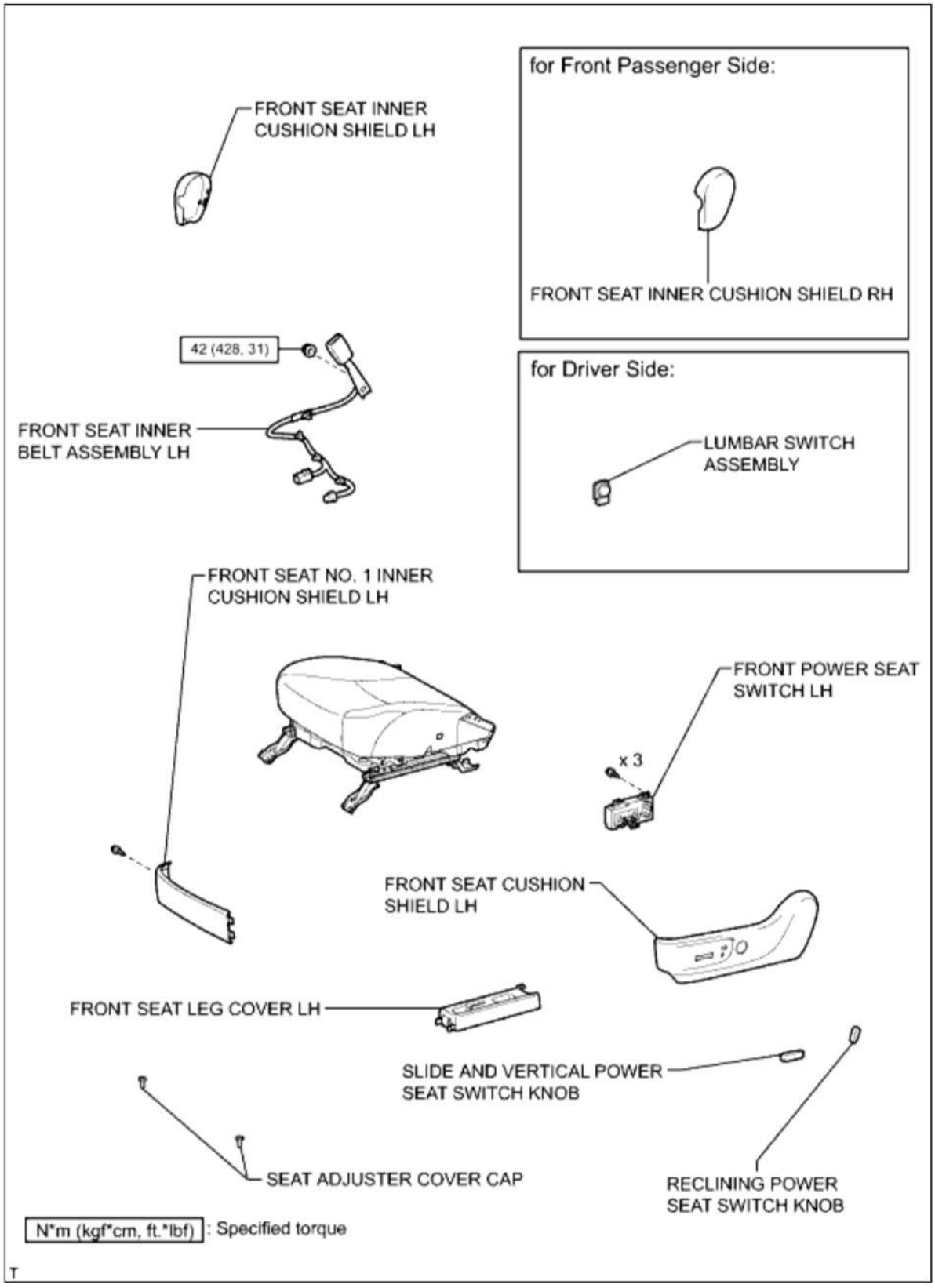
COMPONENTS

ILLUSTRATION



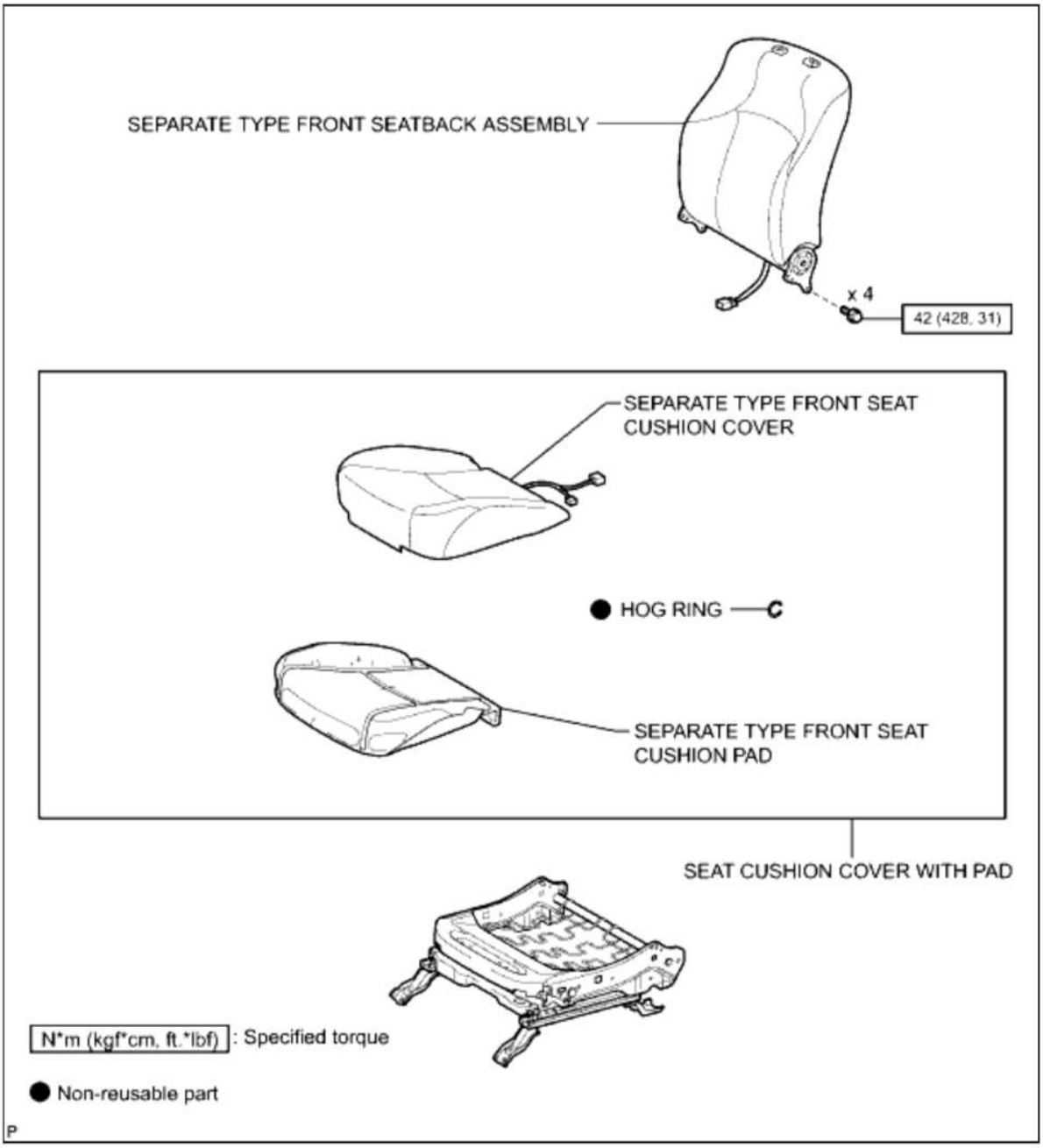
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ILLUSTRATION



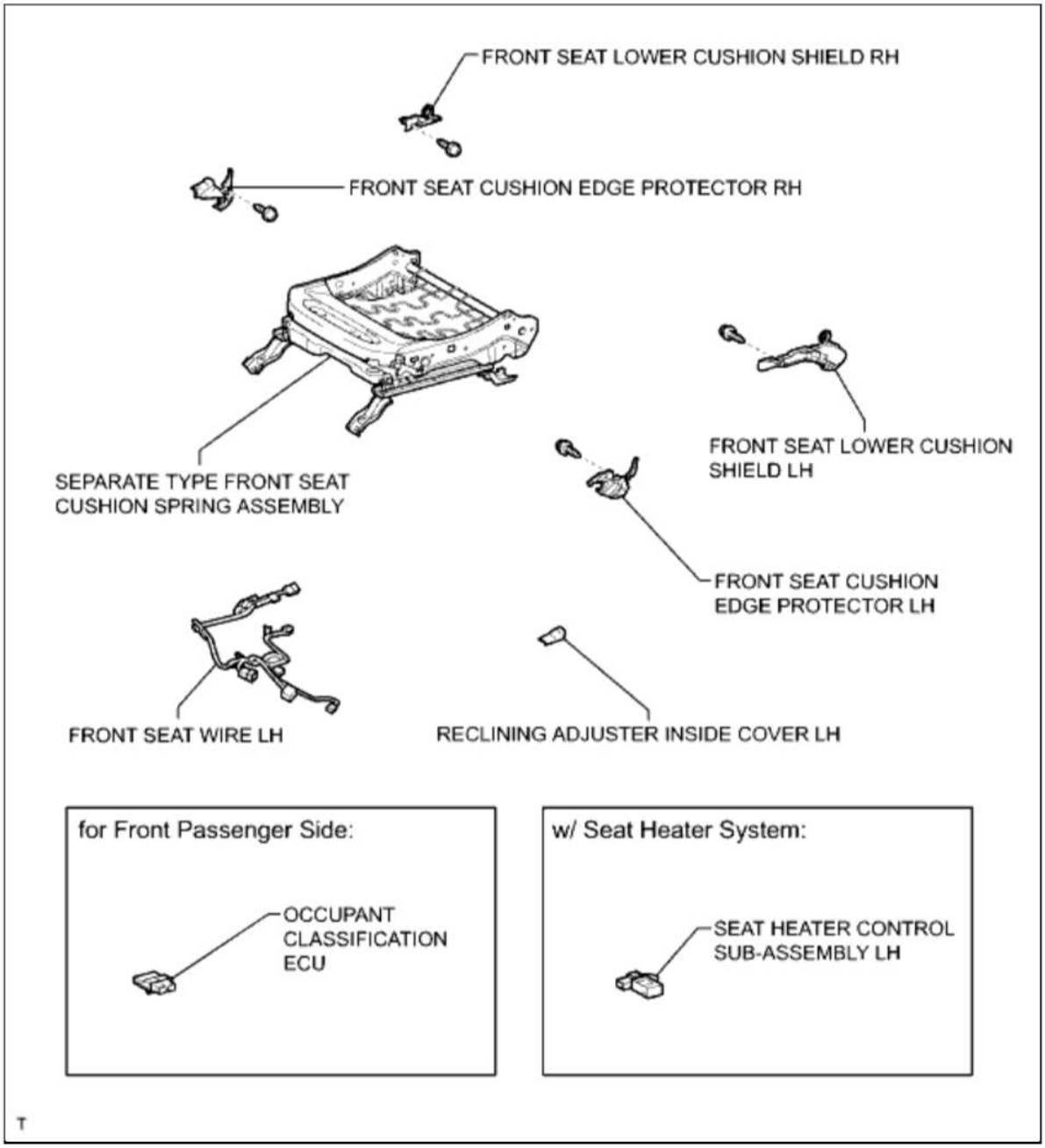
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ILLUSTRATION



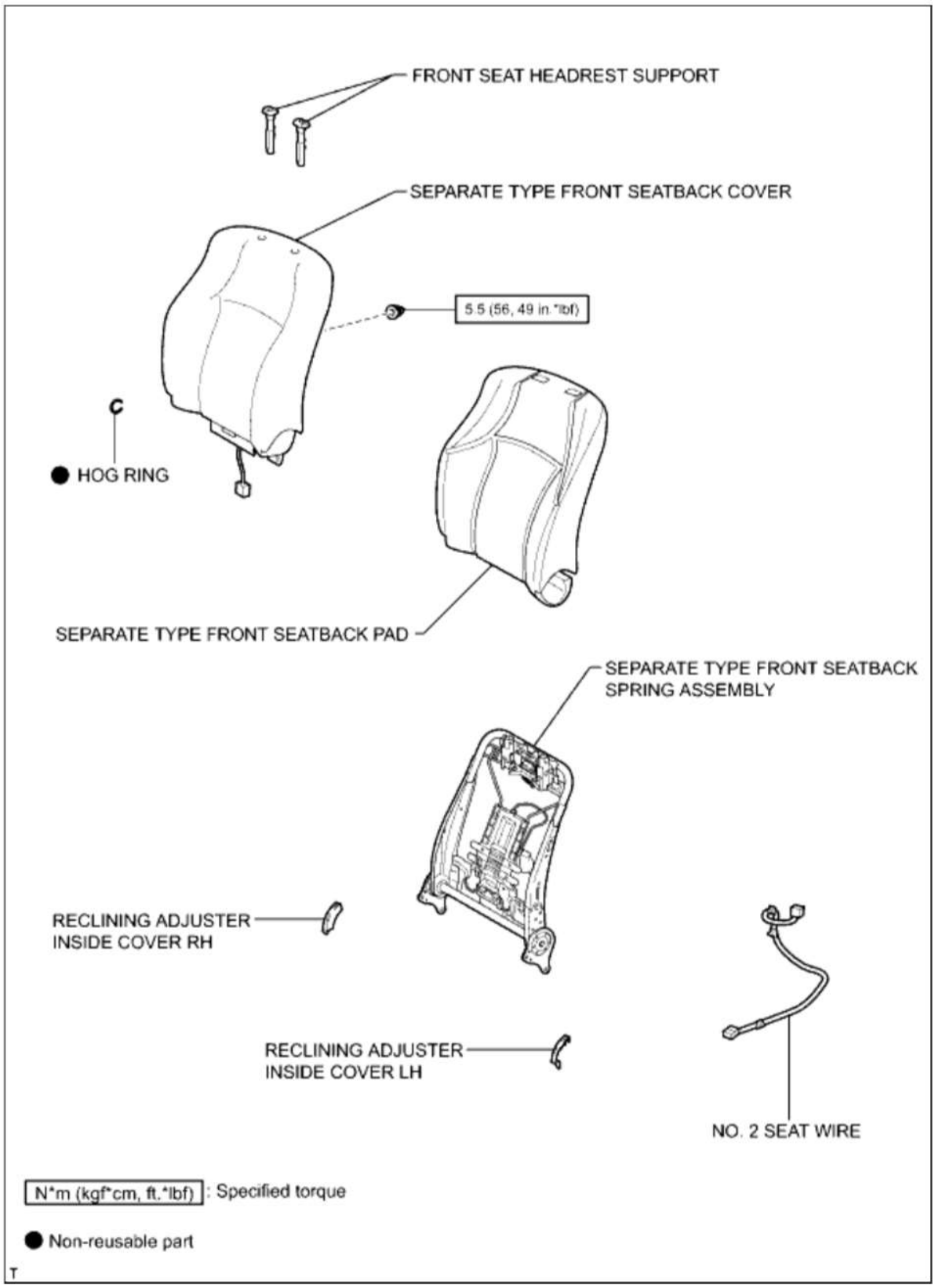
ILLUSTRATION

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ILLUSTRATION

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004673001X
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): DISASSEMBLY (2010 4Runner)		

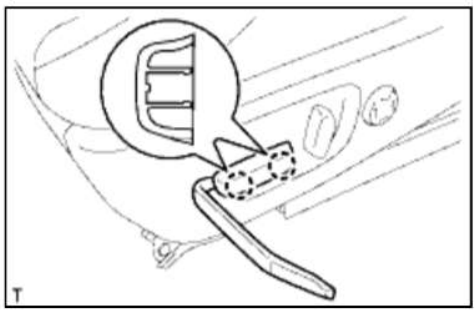
DISASSEMBLY

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

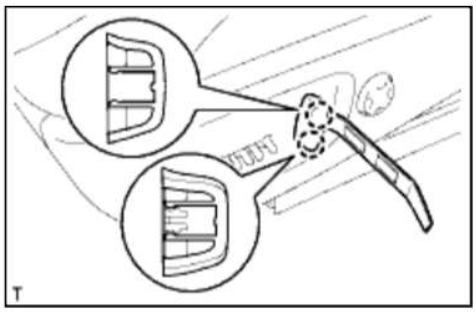
HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.



1. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB

(a) Using a moulding remover, detach the 2 claws and remove the knob.

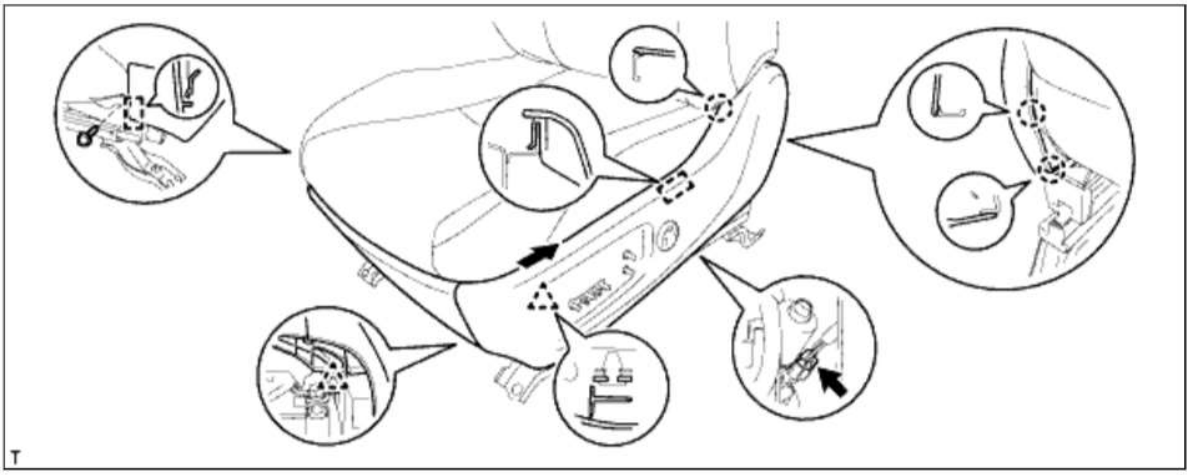


2. REMOVE RECLINING POWER SEAT SWITCH KNOB

(a) Using a moulding remover, detach the 2 claws and remove the knob.

3. REMOVE FRONT SEAT CUSHION SHIELD LH

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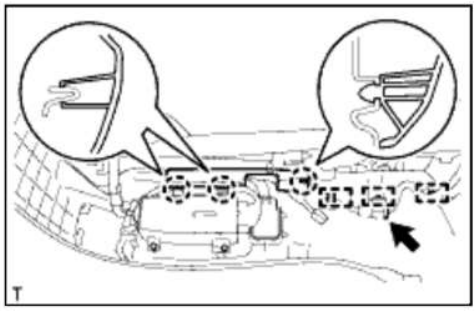
(a) Disconnect the lifter motor connector.

(b) Remove the screw of the front seat No. 1 inner cushion shield and detach the guide.

(c) Detach the clip of the front seat No. 1 inner cushion shield.

(d) Using a moulding remover, detach the 3 claws and guide.

(e) Move the cushion shield in the direction of the arrow to detach the clip and remove the front seat No. 1 inner cushion shield together with the cushion shield as a unit.

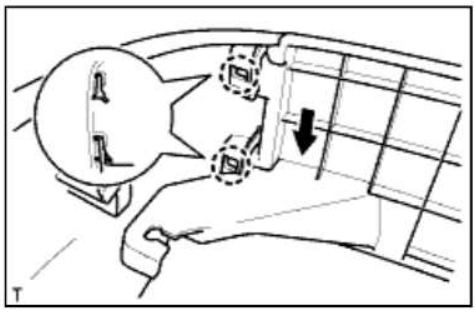


(f) Detach the 3 claws and open the wire harness cover.

(g) Detach the 3 wire harness clamps and disconnect the seat wire connector.

4. REMOVE FRONT POWER SEAT SWITCH LH INFO

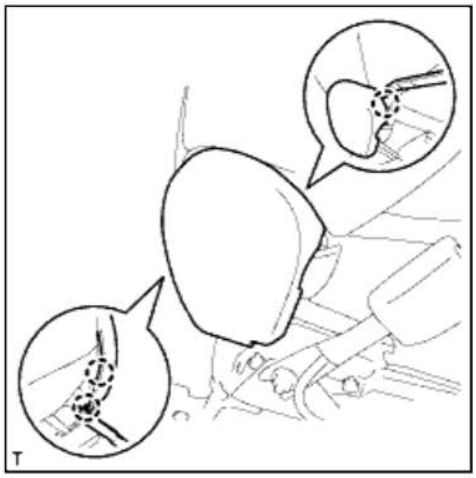
5. REMOVE LUMBAR SWITCH ASSEMBLY (for Driver Side) INFO



6. REMOVE FRONT SEAT NO. 1 INNER CUSHION SHIELD LH

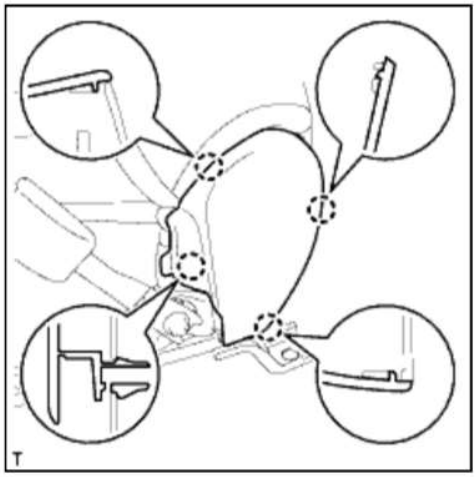
(a) Detach the 2 claws and remove the cushion shield.

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7. REMOVE FRONT SEAT INNER CUSHION SHIELD LH

(a) Using a moulding remover, detach the 3 claws and remove the cushion shield.

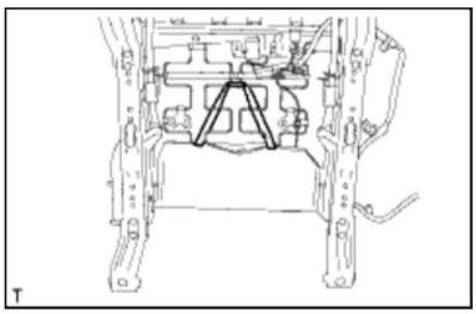


8. REMOVE FRONT SEAT INNER CUSHION SHIELD RH (for Front Passenger Side)

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

9. REMOVE FRONT SEAT INNER BELT ASSEMBLY LH INFO

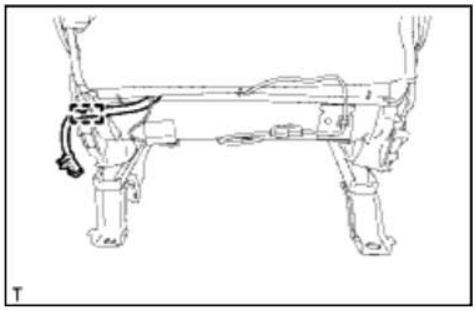
10. REMOVE SEPARATE TYPE FRONT SEATBACK ASSEMBLY

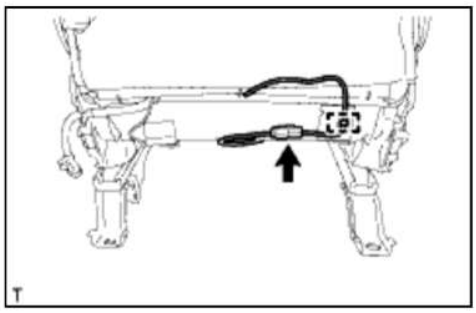


(a) Remove the rubber band from the seat cushion spring.

(b) Detach the clamp and disconnect the No. 2 seat wire.

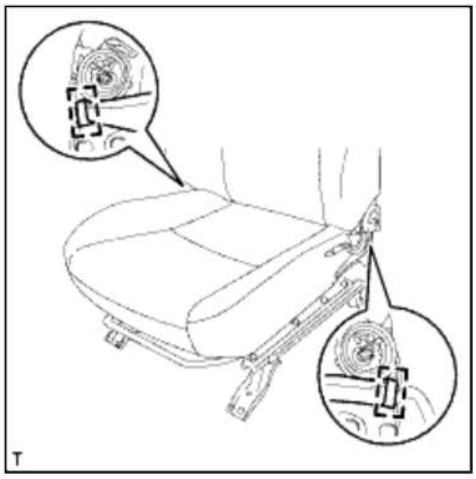
cardiagn.com





(c) w/ Seat Heater System:

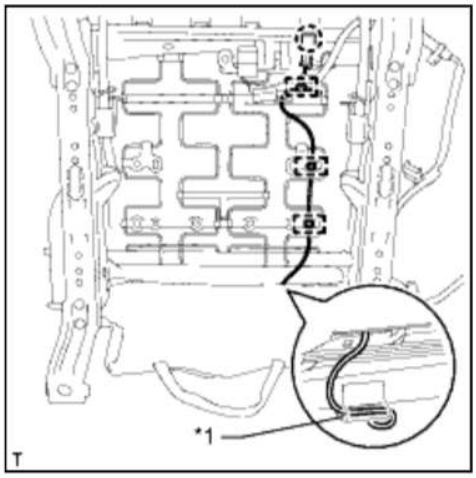
Disconnect the seat heater connector and detach the seat heater wire harness clamp.



(d) Detach the 2 hooks.

(e) Detach the claw and disconnect the airbag connector.

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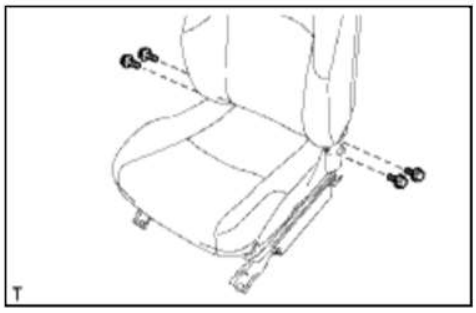
(f) Detach the 3 airbag wire harness clamps.

(g) Detach the fastening tape and open the cover.

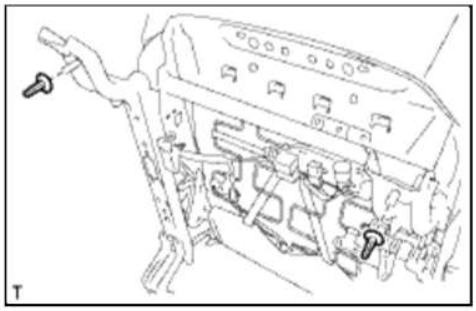
Text in Illustration

*1	Fastening Tape

(h) Disconnect the airbag wire harness.



(i) Remove the 4 bolts and seatback assembly.

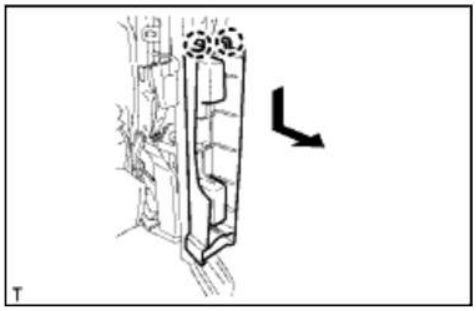


11. REMOVE SEAT ADJUSTER COVER CAP

(a) Remove the 2 caps.

12. REMOVE FRONT SEAT LEG COVER LH

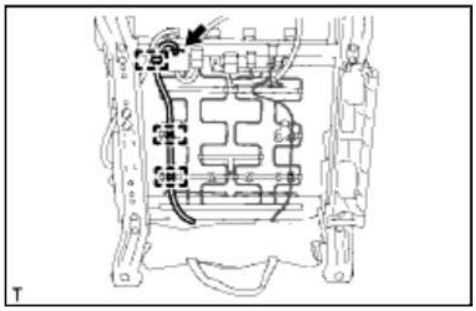
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(a) Detach the 2 claws.

(b) Move the cover in the direction of the arrow to remove it.

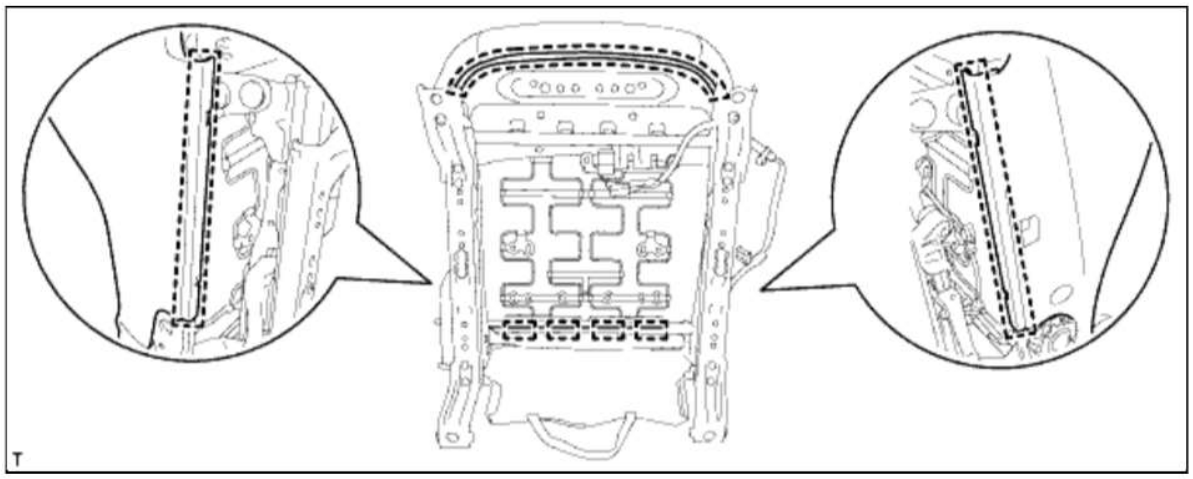
13. REMOVE SEAT CUSHION COVER WITH PAD



(a) w/ Seat Heater System:

Disconnect the seat heater connector and detach the 3 seat heater wire harness clamps.

(b) Detach the hooks.

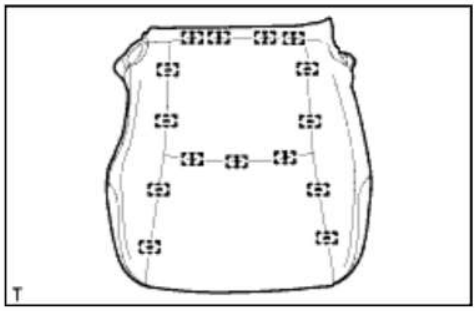


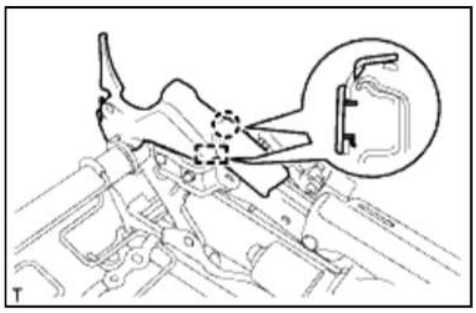
(c) Remove the seat cushion cover with pad.

14. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER

(a) Remove the hog rings and seat cushion cover from the seat cushion pad.

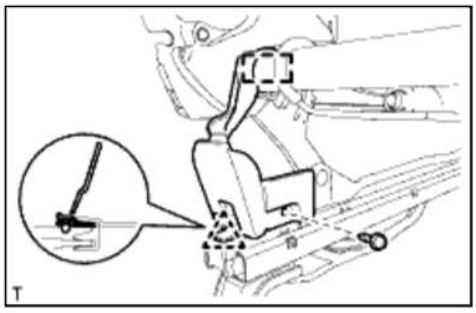
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15. REMOVE RECLINING ADJUSTER INSIDE COVER LH

(a) Detach the claw and guide, and then remove the cover.



16. REMOVE FRONT SEAT LOWER CUSHION SHIELD LH

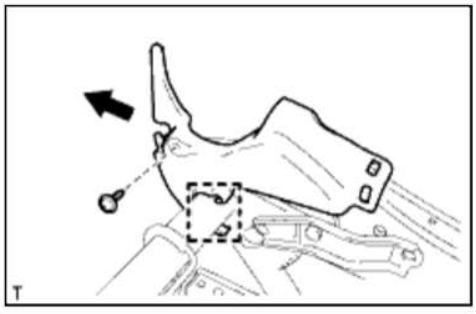
(a) Remove the screw.

(b) Detach the hook and clip, and then remove the cushion shield.

17. REMOVE FRONT SEAT LOWER CUSHION SHIELD RH

(a) Remove the screw.

(b) Detach the hook and clip, and then remove the cushion shield.



18. REMOVE FRONT SEAT CUSHION EDGE PROTECTOR LH

(a) Remove the screw.

(b) Move the protector in the direction of the arrow to detach the hook and remove the protector.

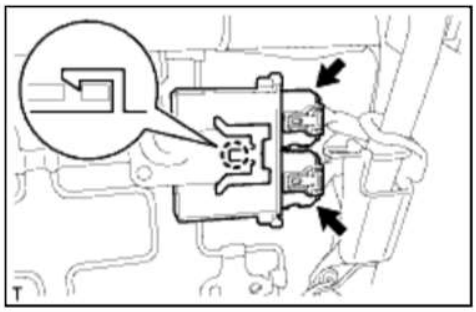
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19. REMOVE FRONT SEAT CUSHION EDGE PROTECTOR RH

HINT:

Use the same procedure described for the LH side.

20. REMOVE SEAT HEATER CONTROL SUB-ASSEMBLY LH (w/ Seat Heater System)



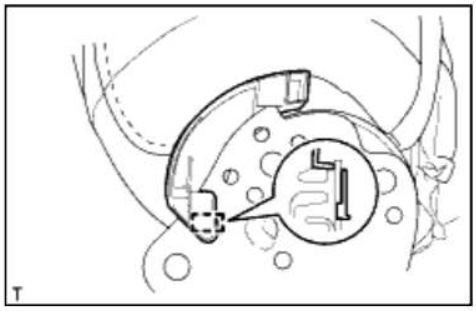
21. REMOVE OCCUPANT CLASSIFICATION ECU (for Front Passenger Side)

(a) Disconnect the 2 connectors.

(b) Detach the claw and remove the ECU.

22. REMOVE FRONT SEAT WIRE LH

(a) Remove the seat wire.



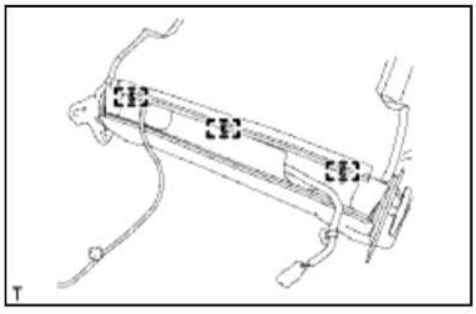
23. REMOVE RECLINING ADJUSTER INSIDE COVER LH

(a) Detach the guide and remove the cover.

24. REMOVE RECLINING ADJUSTER INSIDE COVER RH

(a) Detach the guide and remove the cover.

25. REMOVE SEPARATE TYPE FRONT SEATBACK COVER



(a) Remove the 3 hog rings.

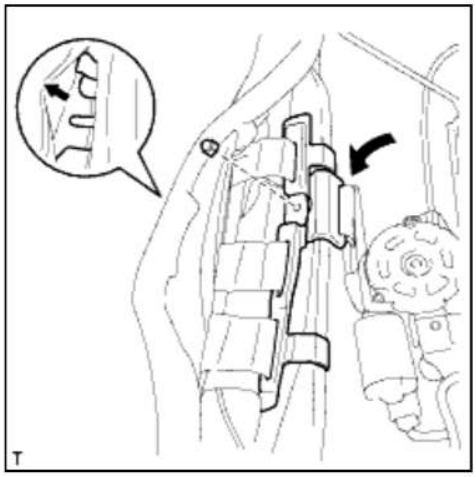
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(b) Open the 2 fasteners, and then open the seatback cover.



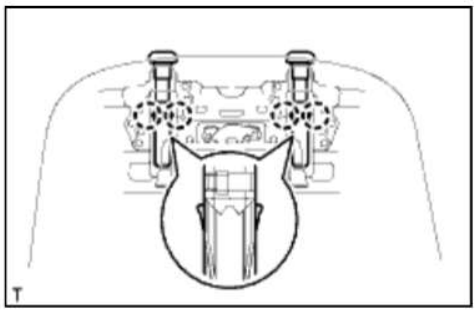
Text in Illustration

*A	for Cloth Seat	*B	for Leather Seat



(c) Remove the nut and seatback cover bracket from the seat frame.

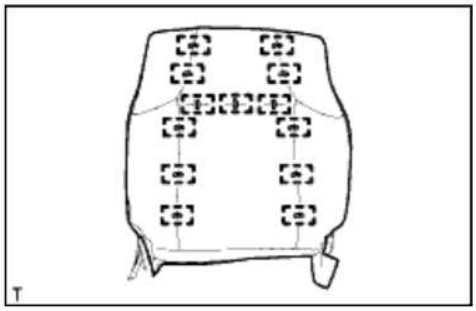
(d) Disconnect the seatback cover bracket from the seatback pad.



(e) Using a screwdriver, detach the 4 claws and remove the 2 headrest supports.

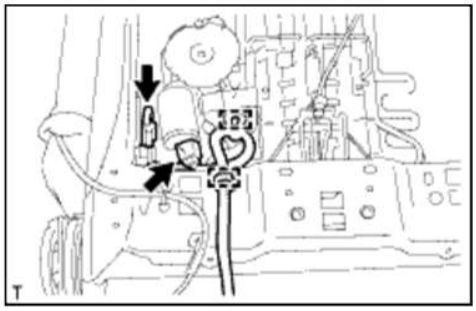
(f) Remove the hog rings and seatback cover.

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26. REMOVE SEPARATE TYPE FRONT SEATBACK PAD

(a) Remove the seatback pad.



27. REMOVE NO. 2 SEAT WIRE

(a) for Driver Side:

Disconnect the 2 connectors.

(b) for Front Passenger Side:

Disconnect the connector.

(c) Detach the 2 clamps and remove the seat wire.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004672001X
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): REMOVAL (2010 4Runner)		

REMOVAL

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

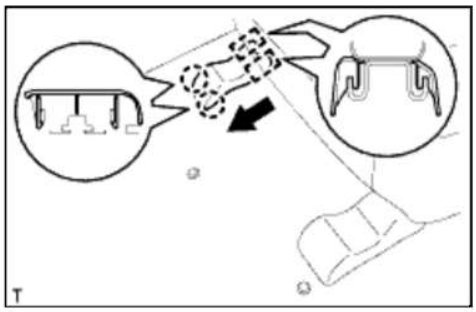
- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. REMOVE FRONT SEAT HEADREST ASSEMBLY

(a) Remove the front seat headrest.

2. REMOVE FRONT SEAT INNER TRACK BRACKET COVER LH

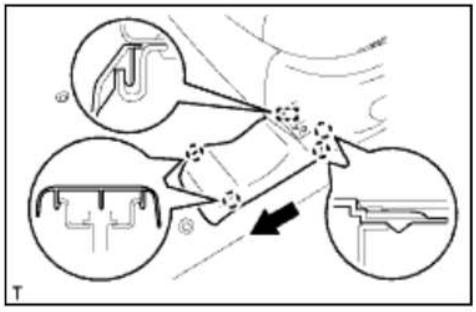
(a) Operate the power seat switch (slide switch) to move the seat to the rearmost position.



(b) Using a moulding remover, detach the 2 claws.

(c) Move the cover in the direction of the arrow to detach the 2 guides and remove the cover.

3. REMOVE FRONT SEAT OUTER TRACK BRACKET COVER LH



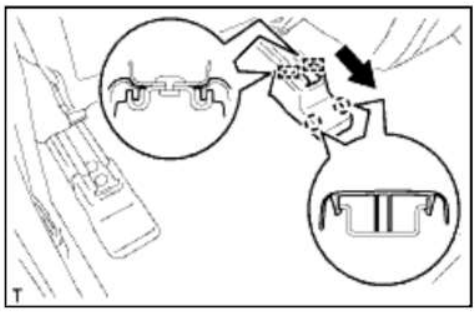
(a) Using a moulding remover, detach the 2 claws.

(b) Move the cover in the direction of the arrow to detach the 2 claws and guide, and remove the cover.

4. REMOVE INNER SEAT TRACK BRACKET COVER LH

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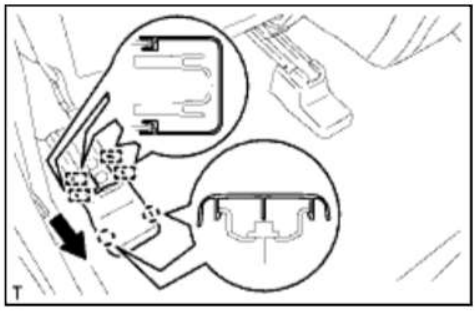
(a) Operate the power seat switch (slide switch) to move the seat to the foremost position.



(b) Using a moulding remover, detach the 2 claws.

(c) Move the cover in the direction of the arrow to detach the 2 guides and remove the cover.

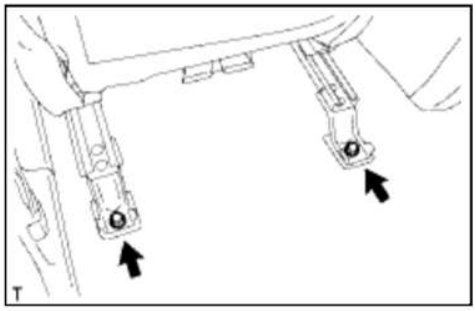
5. REMOVE OUTER SEAT TRACK COVER LH



(a) Using a moulding remover, detach the 2 claws.

(b) Move the cover in the direction of the arrow to detach the 4 guides and remove the cover.

6. REMOVE FRONT SEAT ASSEMBLY

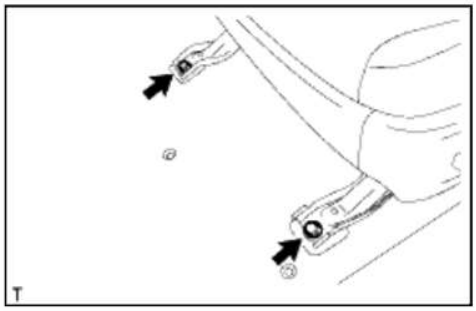


(a) Remove the 2 bolts.

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

(c) Remove the 2 bolts.

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(d) Operate the power seat switch (slide switch) to move the seat to the center position, and operate the power seat switch (reclining switch) to 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.

NOTICE:

When disconnecting the cable, some systems need to be initialized after the cable is reconnected INFO .

(f) Disconnect the connectors under the seat.

(g) Remove the front seat assembly.

NOTICE:

Be careful not to damage the vehicle body.

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Last Modified: 5-10-2010	6.4 G	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004670001X
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): INSPECTION (2010 4Runner)		

INSPECTION

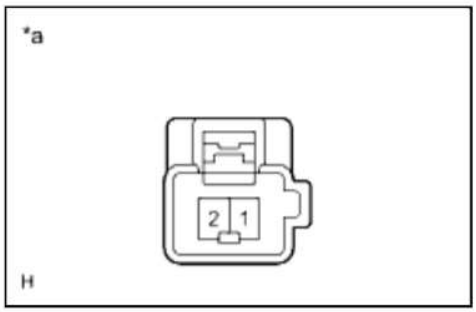
1. INSPECT SEPARATE TYPE FRONT SEAT CUSHION SPRING ASSEMBLY

(a) for Driver Side:

(1) Check the operation of the front seat cushion spring (slide motor).

Check that the front seat cushion spring moves smoothly when the battery is connected to the slide motor connector terminals.

OK:



MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → 2 Battery negative (-) → 1	Forward
Battery positive (+) → 1 Battery negative (-) → 2	Backward

If the result is not as specified, replace the front seat cushion spring assembly.

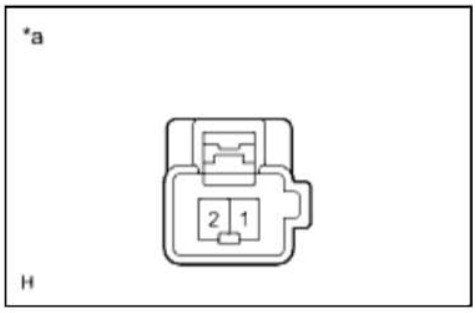
Text in Illustration

*a	Component without harness connected (Front Seat Cushion Spring Assembly (Slide Motor))

(2) Check the operation of the front seat cushion spring (front vertical motor).

Check that the front seat cushion spring moves smoothly when the battery is connected to the front vertical motor connector terminals.

OK:



MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → 2 Battery negative (-) → 1	Upward

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Battery positive (+) → 1 Battery negative (-) → 2	Downward

If the result is not as specified, replace the front seat cushion spring assembly.

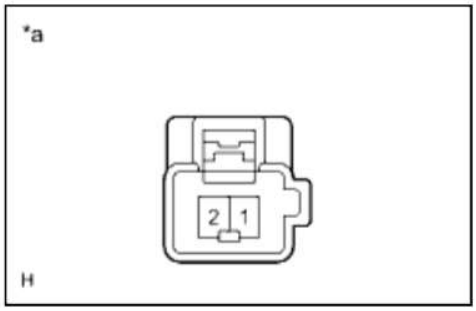
Text in Illustration

*a	Component without harness connected (Front Seat Cushion Spring Assembly (Front Vertical Motor))

(3) Check the operation of the front seat cushion spring (lifter motor).

Check that the front seat cushion spring moves smoothly when the battery is connected to the lifter motor connector terminals.

OK:



MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → 1 Battery negative (-) → 2	Upward
Battery positive (+) → 2 Battery negative (-) → 1	Downward

If the result is not as specified, replace the front seat cushion spring assembly.

Text in Illustration

*a	Component without harness connected (Front Seat Cushion Spring Assembly (Lifter Motor))

(b) for Front Passenger Side:

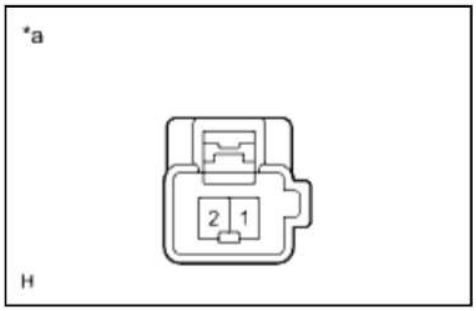
(1) Check the operation of the front seat cushion spring (slide motor).

Check that the front seat cushion spring moves smoothly when the battery is connected to the slide

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motor connector terminals.

OK:



MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → 1 Battery negative (-) → 2	Forward
Battery positive (+) → 2 Battery negative (-) → 1	Backward

If the result is not as specified, replace the front seat cushion spring assembly.

Text in Illustration

*a	Component without harness connected (Front Seat Cushion Spring Assembly (Slide Motor))

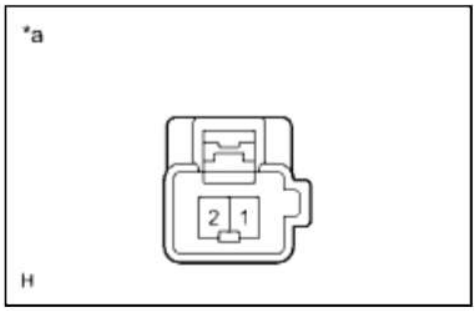
2. INSPECT SEPARATE TYPE FRONT SEATBACK ASSEMBLY

(a) for Driver Side:

(1) Check the operation of the front seatback (reclining motor).

Check that the front seatback moves smoothly when the battery is connected to the reclining motor connector terminals.

OK:



MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → 1 Battery negative (-) → 2	Forward
Battery positive (+) → 2 Battery negative (-) → 1	Backward

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

Text in Illustration

*a	Component without harness connected

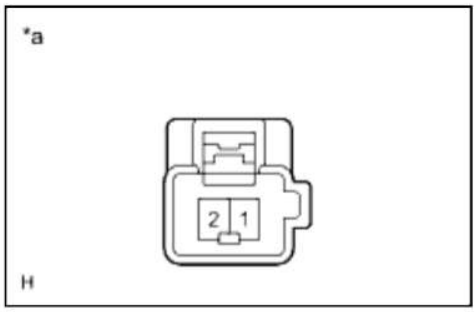
cardiagn.com

	(Front Seatback Assembly (Reclining Motor))

(2) Check the operation of the front seatback (lumbar motor).

Check that the front seatback moves smoothly when the battery is connected to the lumbar motor connector terminals.

OK:



MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → 1 Battery negative (-) → 2	Forward
Battery positive (+) → 2 Battery negative (-) → 1	Backward

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

Text in Illustration

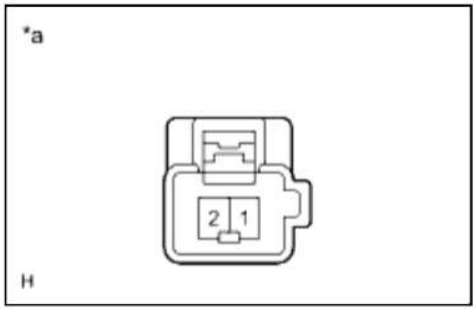
*a	Component without harness connected (Front Seatback Assembly (Lumbar Motor))

(b) for Front Passenger Side:

(1) Check the operation of the front seatback (reclining motor).

Check that the front seatback moves smoothly when the battery is connected to the reclining motor connector terminals.

OK:



MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → 1 Battery negative (-) → 2	Forward
Battery positive (+) → 2 Battery negative (-) → 1	Backward

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

Text in Illustration

*a	Component without harness connected (Front Seatback Assembly (Reclining Motor))

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004674001X
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): REASSEMBLY (2010 4Runner)		

REASSEMBLY

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. INSTALL NO. 2 SEAT WIRE

(a) Attach the 2 clamps to install the seat wire.

(b) for Driver Side:

Connect the 2 connectors.

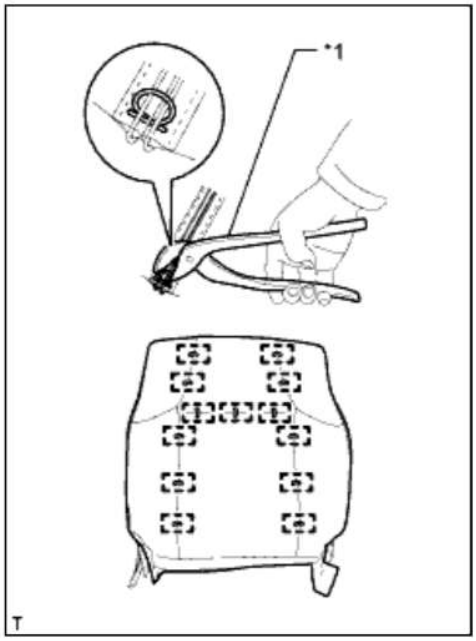
(c) for Front Passenger Side:

Connect the connector.

2. INSTALL SEPARATE TYPE FRONT SEATBACK PAD

(a) Install the seatback pad.

3. INSTALL SEPARATE TYPE FRONT SEATBACK COVER



(a) Using hog ring pliers, install the seatback cover to the seatback pad with new hog rings.

Text in Illustration

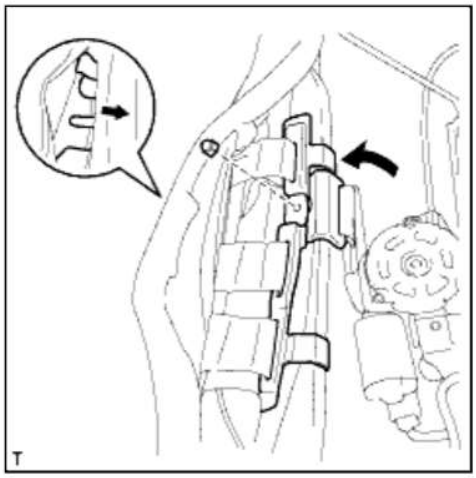
*1	Hog Ring Pliers

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

(b) Attach the 4 claws to install the 2 headrest supports.

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(c) Connect the seatback cover bracket to the seatback pad.

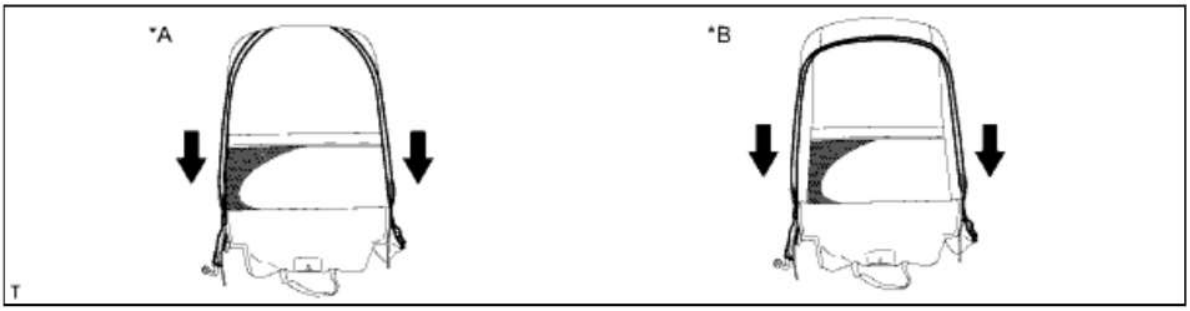
(d) Install the seatback cover bracket to the seat frame with the nut.

Torque: 5.5 N·m (56 kgf·cm, 49in·lbf)

NOTICE:

After the seatback trim cover is assembled, make sure the side airbag strap is not twisted.

(e) Close the 2 fasteners, and then close the seatback cover.



Text in Illustration

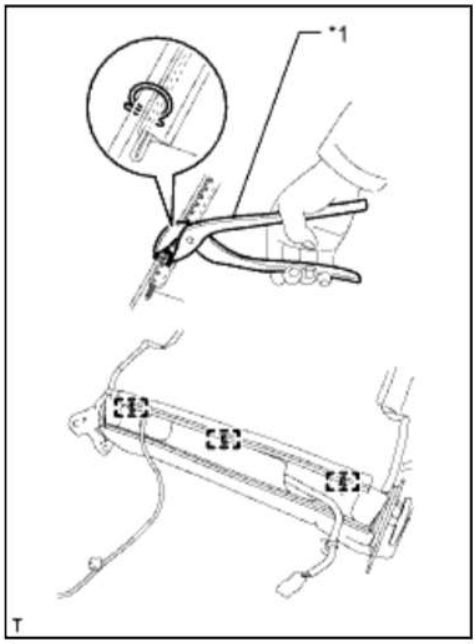
*A	for Cloth Seat	*B	for Leather Seat

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

Text in Illustration

*1	Hog Ring Pliers

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4. INSTALL RECLINING ADJUSTER INSIDE COVER LH

(a) Attach the guide to install the cover.

5. INSTALL RECLINING ADJUSTER INSIDE COVER RH

(a) Attach the guide to install the cover.

6. INSTALL FRONT SEAT WIRE LH

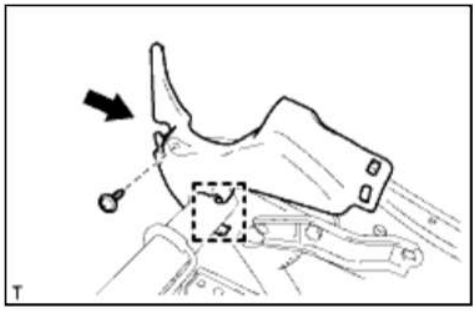
(a) Install the seat wire.

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

(a) Attach the claw to install the ECU.

(b) Connect the 2 connectors.

8. INSTALL SEAT HEATER CONTROL SUB-ASSEMBLY LH (w/ Seat Heater System) INFO



9. INSTALL FRONT SEAT CUSHION EDGE PROTECTOR LH

(a) Move the protector in the direction of the arrow to attach the hook and install the protector.

(b) Install the screw.

10. INSTALL FRONT SEAT CUSHION EDGE PROTECTOR RH

HINT:

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Use the same procedure described for the LH side.

11. INSTALL FRONT SEAT LOWER CUSHION SHIELD LH

(a) Attach the hook and clip to install the cushion shield.

(b) Install the screw.

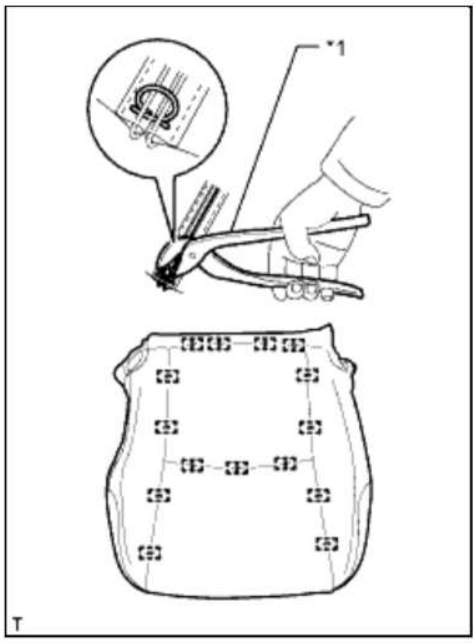
12. INSTALL FRONT SEAT LOWER CUSHION SHIELD RH

(a) Attach the hook and clip to install the cushion shield.

(b) Install the screw.

13. INSTALL RECLINING ADJUSTER INSIDE COVER LH

(a) Attach the claw and guide to install the cover.



14. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER

(a) Using hog ring pliers, install the seat cushion cover to the seat cushion pad with new hog rings.

Text in Illustration

*1	Hog Ring Pliers

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

15. INSTALL SEAT CUSHION COVER WITH PAD

(a) Install the seat cushion cover with pad.

(b) w/ Seat Heater System:

Connect the seat heater connector and attach the 3 wire harness clamps.

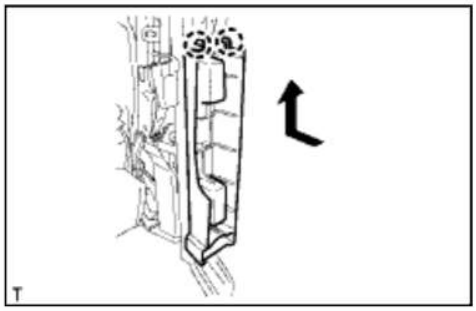
(c) Attach the hooks.

16. INSTALL FRONT SEAT LEG COVER LH

(a) Move the cover in the direction of the arrow to install the cover.

(b) Attach the 2 claws.

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17. INSTALL SEAT ADJUSTER COVER CAP

(a) Install the 2 caps.

18. INSTALL SEPARATE TYPE FRONT SEATBACK ASSEMBLY

(a) Install the seatback assembly with the 4 bolts.

Torque: 42 N·m (428 kgf·cm, 31ft·lbf)

(b) Connect the airbag wire harness.

(c) Attach the fastening tape to close the cover.

(d) Attach the 3 airbag wire harness clamps.

(e) Attach the claw to connect the airbag connector.

(f) Attach the 2 hooks.

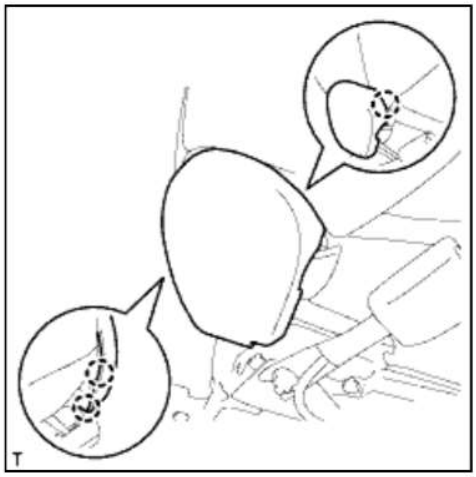
(g) Attach the clamp to connect the No. 2 seat wire.

(h) w/ Seat Heater System:

Connect the seat heater connector and attach the wire harness clamp.

(i) Install the rubber band to the seat cushion spring.

19. INSTALL FRONT SEAT INNER BELT ASSEMBLY LH



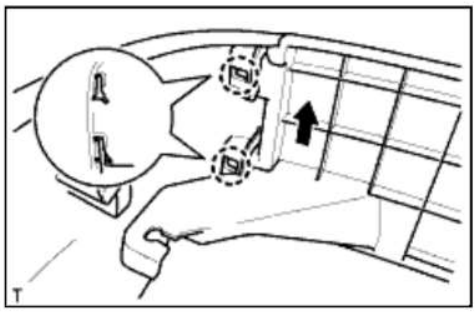
20. INSTALL FRONT SEAT INNER CUSHION SHIELD LH

(a) Attach the 3 claws to install the cushion shield.

21. INSTALL FRONT SEAT INNER CUSHION SHIELD RH (for Front Passenger Side)

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(a) Attach the 4 claws to install the cushion shield.



22. INSTALL FRONT SEAT NO. 1 INNER CUSHION SHIELD LH

(a) Attach the 2 claws to install the cushion shield.

23. INSTALL LUMBAR SWITCH ASSEMBLY (for Driver Side) INFO

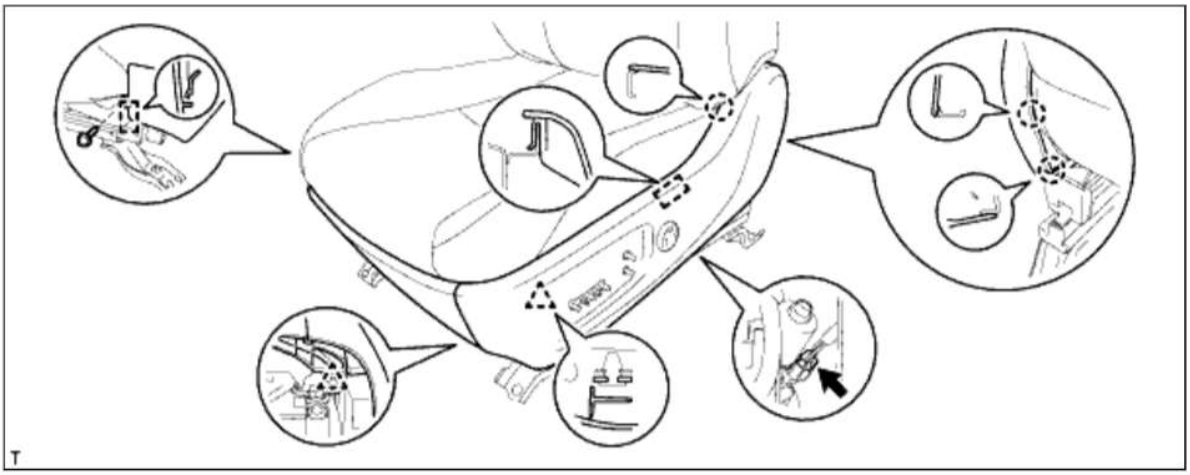
24. INSTALL FRONT POWER SEAT SWITCH LH INFO

25. INSTALL FRONT SEAT CUSHION SHIELD LH

(a) Attach the 3 wire harness clamps and connect the seat wire connector.

(b) Attach the 3 claws to close the wire harness cover.

(c) Remove the clip attached to the seat cushion spring and install it to the cushion shield.



(d) Attach the 2 clips, 3 claws and guide.

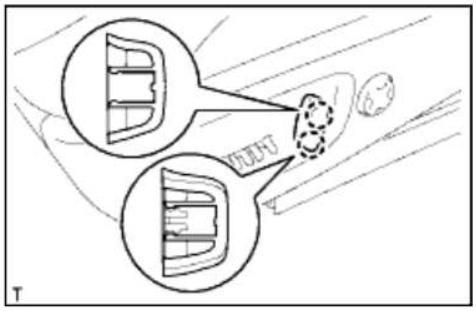
(e) Attach the guide of the front seat No. 1 inner cushion shield and install the screw.

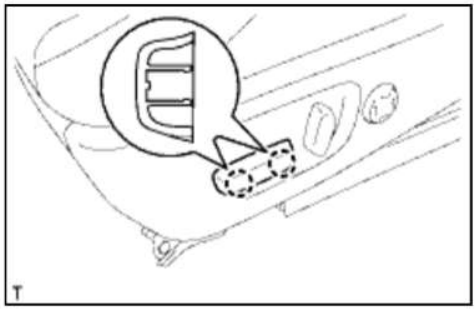
(f) Connect the lifter motor connector.

26. INSTALL RECLINING POWER SEAT SWITCH KNOB

(a) Attach the 2 claws to install the knob.

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27. INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB

(a) Attach the 2 claws to install the knob.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000000466Z001X
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): INSTALLATION (2010 4Runner)		

INSTALLATION

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

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 seat wire connectors under the seat.

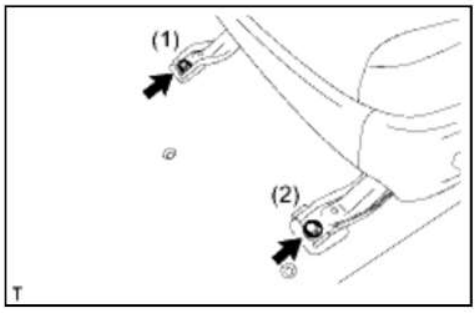
(c) Temporarily install the front seat assembly with the 4 bolts.

(d) Connect the cable to the negative (-) battery terminal.

NOTICE:

When disconnecting the cable, some systems need to be initialized after the cable is reconnected INFO .

(e) Operate the power seat switch to move the seat to the rearmost position.



(f) Tighten the bolts in the order indicated in the illustration.

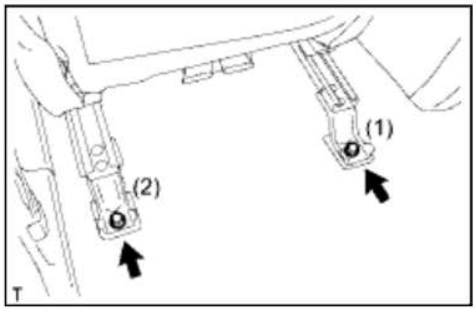
Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

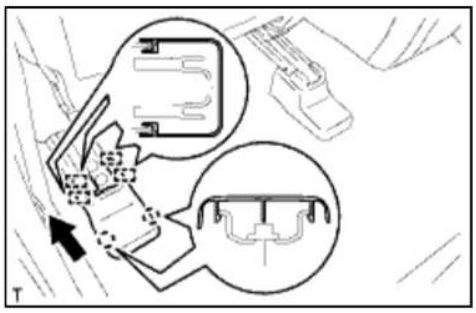
(g) Operate the power seat switch to move the seat to the foremost position.

(h) Tighten the bolts in the order indicated in the illustration.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

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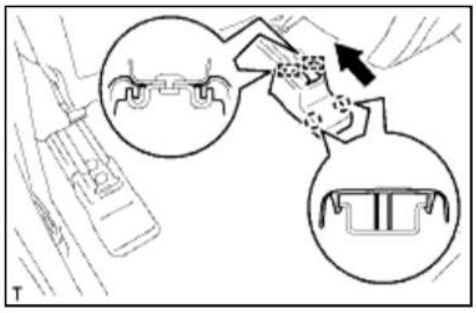




2. INSTALL OUTER SEAT TRACK COVER LH

(a) Move the cover in the direction of the arrow to attach the 4 guides.

(b) Attach the 2 claws to install the cover.



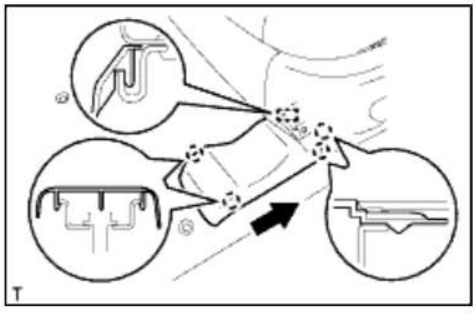
3. INSTALL INNER SEAT TRACK BRACKET COVER LH

(a) Move the cover in the direction of the arrow to attach the 2 guides.

(b) Attach the 2 claws to install the cover.

4. INSTALL FRONT SEAT OUTER TRACK BRACKET COVER LH

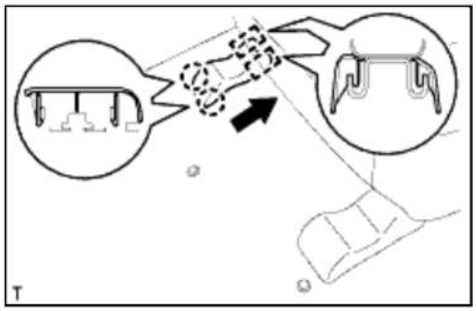
(a) Operate the power seat switch to move the seat to the rearmost position.



(b) Move the cover in the direction of the arrow to attach the 2 claws and guide.

(c) Attach the 2 claws to install the cover.

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5. INSTALL FRONT SEAT INNER TRACK BRACKET COVER LH

(a) Move the cover in the direction of the arrow to attach the 2 guides.

(b) Attach the 2 claws to install the cover.

6. INSTALL FRONT SEAT HEADREST ASSEMBLY

(a) Install the front seat headrest.

7. CHECK SRS WARNING LIGHT

(a) Check the SRS warning light INFO .

8. INSPECT FRONT SEAT ASSEMBLY

(a) Check the power seat operation INFO .

(b) w/ Seat Heater System:

Check the seat heater operation.

(1) Turn the ignition switch to ON.

(2) Turn the seat heater switch on.

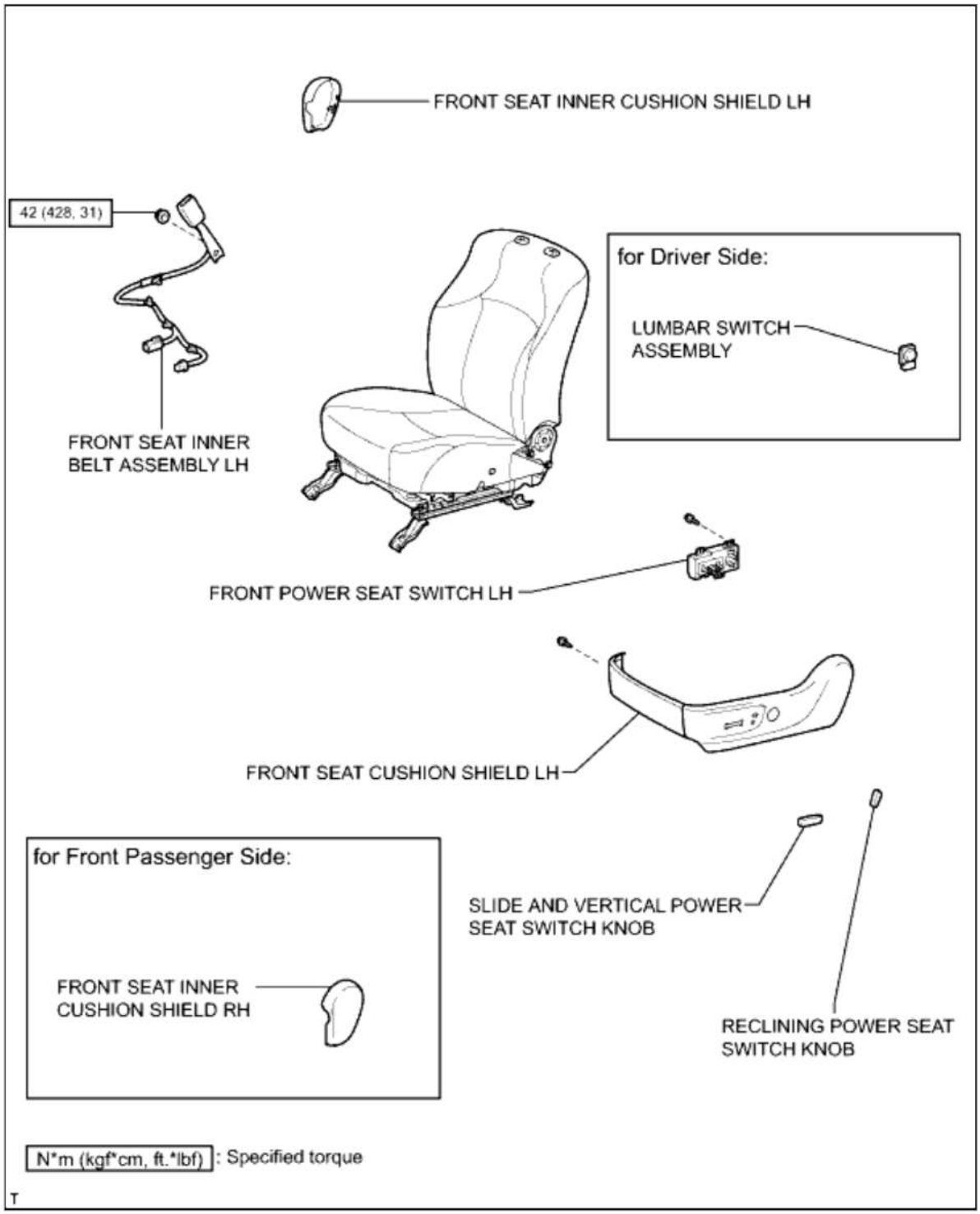
(3) Wait 5 minutes or more and confirm that the seat surface becomes warm.

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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004682001X
Title: SEAT: FRONT SEAT CUSHION HEATER: COMPONENTS (2010 4Runner)		

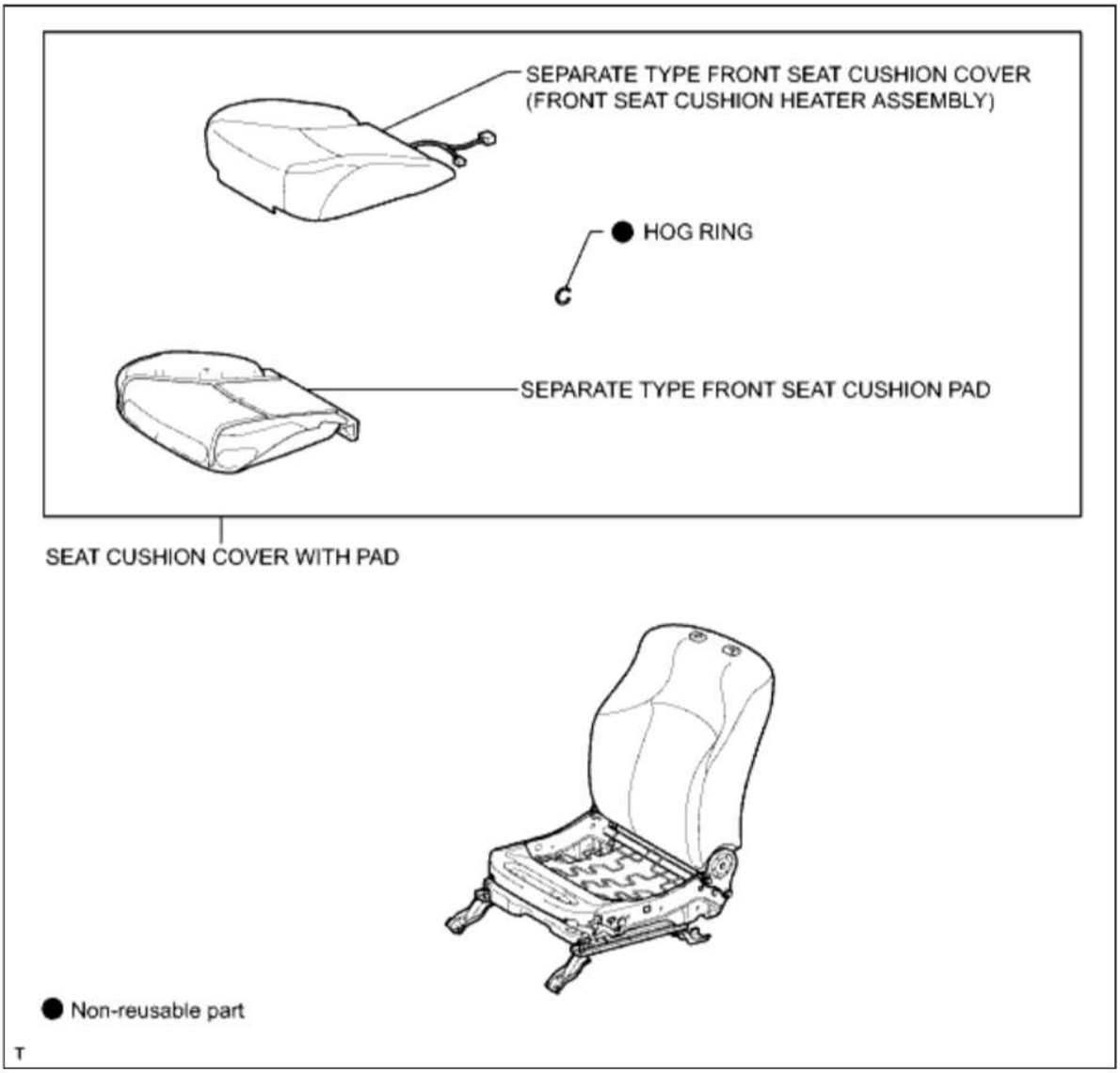
COMPONENTS

ILLUSTRATION



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ILLUSTRATION



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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004683001X
Title: SEAT: FRONT SEAT CUSHION HEATER: REMOVAL (2010 4Runner)		

REMOVAL

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. REMOVE FRONT SEAT ASSEMBLY

(a) Remove the front seat assembly INFO .

2. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB INFO

3. REMOVE RECLINING POWER SEAT SWITCH KNOB INFO

4. REMOVE FRONT SEAT CUSHION SHIELD LH INFO

5. REMOVE FRONT POWER SEAT SWITCH LH INFO

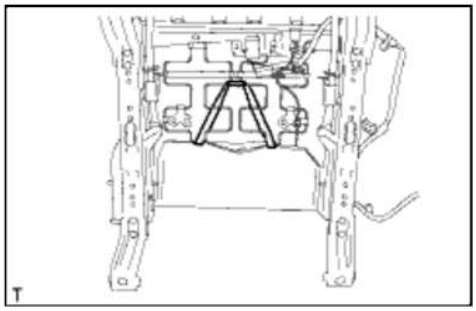
6. REMOVE LUMBAR SWITCH ASSEMBLY (for Driver Side) INFO

7. REMOVE FRONT SEAT INNER CUSHION SHIELD LH INFO

8. REMOVE FRONT SEAT INNER CUSHION SHIELD RH (for Front Passenger Side) INFO

9. REMOVE FRONT SEAT INNER BELT ASSEMBLY LH INFO

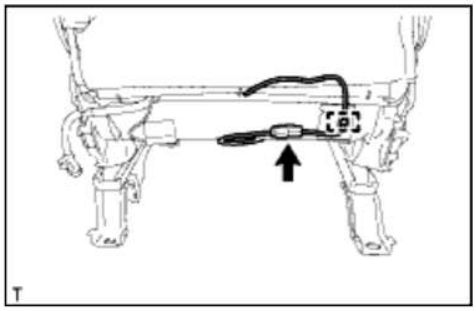
10. REMOVE SEAT CUSHION COVER WITH PAD

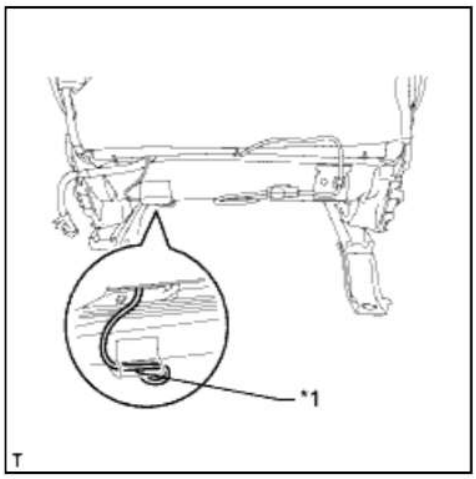


(a) Remove the rubber band from the seat cushion spring.

(b) Disconnect the seat heater connector and detach the wire harness clamp.

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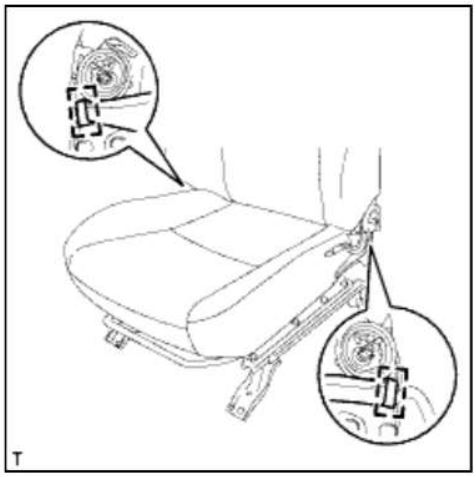


(c) Detach the fastening tape and open the cover.

Text in Illustration

*1	Fastening Tape

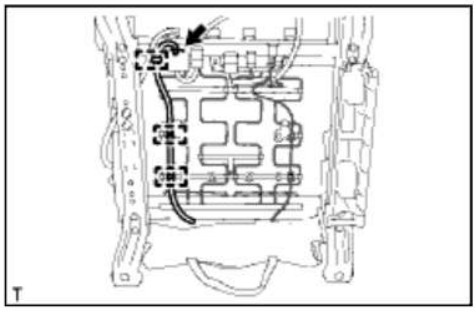
(d) Disconnect the airbag wire harness.



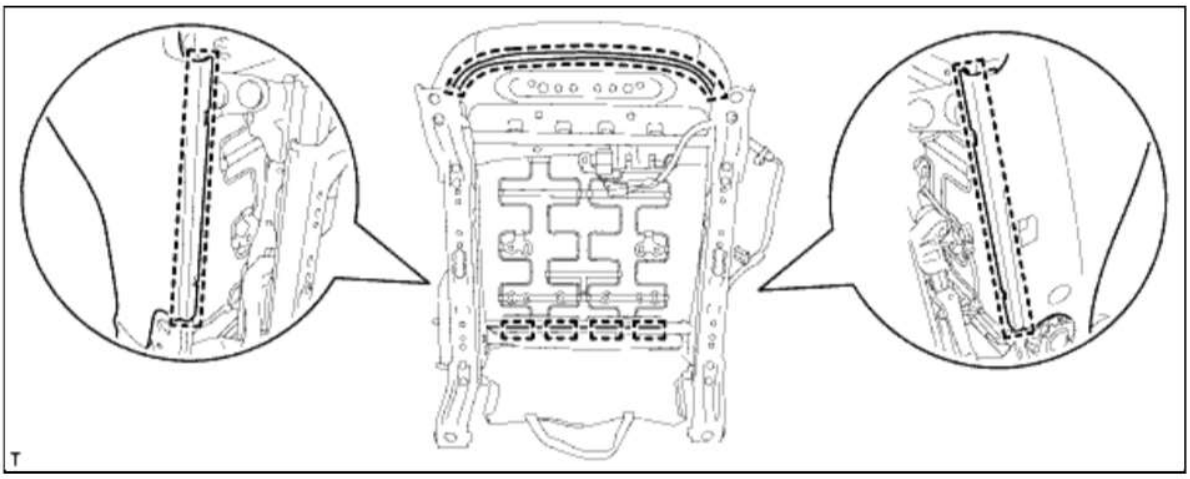
(e) Detach the 2 hooks.

(f) Disconnect the seat heater connector and detach the 3 wire harness clamps.

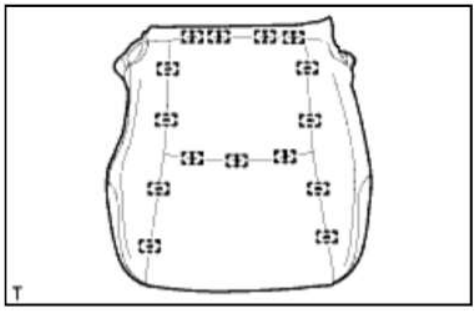
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(g) Detach the hooks.



(h) Remove the seat cushion cover with pad.



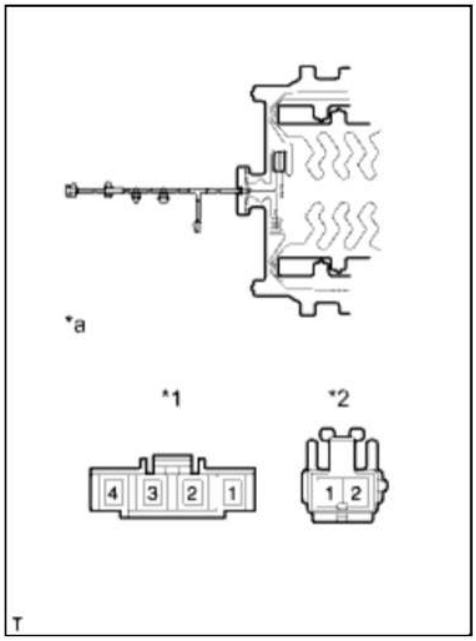
11. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER

(a) Remove the hog rings and seat cushion cover from the seat cushion pad.

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Last Modified: 5-10-2010	6.4 G	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000002XF8010X
Title: SEAT: FRONT SEAT CUSHION HEATER: INSPECTION (2010 4Runner)		

INSPECTION



1. INSPECT SEPARATE TYPE FRONT SEAT CUSHION COVER LH

(a) Check the seat cushion heater.

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

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
A-1 - B-1	Seat cushion heater temperature 20°C (68°F)	3.4 to 4.2 Ω
A-4 - B-2		
A-1 - A-4		
A-2 - A-3		8 to 12 kΩ

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

Text in Illustration

*1	Connector A
*2	Connector B
*a	Component without harness connected (Separate Type Front Seat Cushion Cover (Front Seat Cushion Heater))

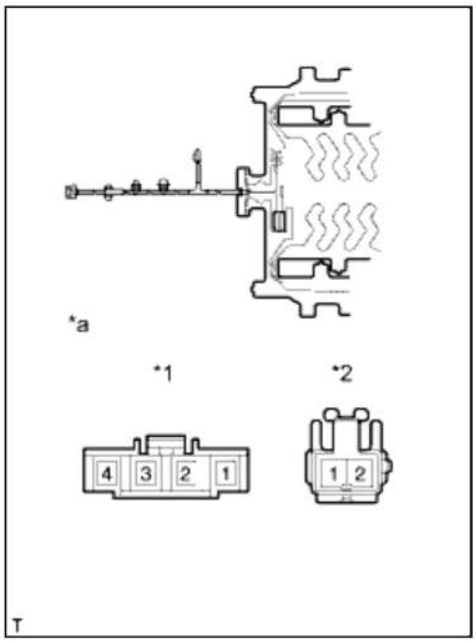
2. INSPECT SEPARATE TYPE FRONT SEAT CUSHION COVER RH

(a) Check the seat cushion heater.

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

Standard Resistance:

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TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
A-1 - B-1	Seat cushion heater temperature 20°C (68°F)	3.4 to 4.2 Ω
A-4 - B-2		
A-1 - A-4		
A-2 - A-3		8 to 12 kΩ

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

Text in Illustration

*1	Connector A
*2	Connector B
*a	Component without harness connected (Separate Type Front Seat Cushion Cover (Front Seat Cushion Heater))

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004680001X
Title: SEAT: FRONT SEAT CUSHION HEATER: INSTALLATION (2010 4Runner)		

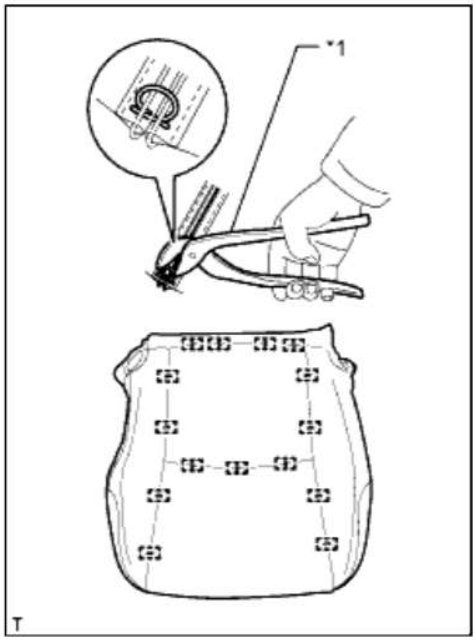
INSTALLATION

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.



1. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER

(a) Using hog ring pliers, install the seat cushion cover to the seat cushion pad with new hog rings.

Text in Illustration

*1	Hog Ring Pliers

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

2. INSTALL SEAT CUSHION COVER WITH PAD

(a) Install the seat cushion cover with pad.

(b) Attach the hooks.

(c) Connect the seat heater connector and attach the 3 wire harness clamps.

(d) Attach the 2 hooks.

(e) Connect the airbag wire harness.

(f) Attach the fastening tape to close the cover.

(g) Connect the seat heater connector and attach the wire harness clamp.

(h) Install the rubber band to the seat cushion spring.

3. INSTALL FRONT SEAT INNER BELT ASSEMBLY LH INFO

4. INSTALL FRONT SEAT INNER CUSHION SHIELD LH INFO

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5. INSTALL FRONT SEAT INNER CUSHION SHIELD RH (for Front Passenger Side) INFO

6. INSTALL LUMBAR SWITCH ASSEMBLY (for Driver Side) INFO

7. INSTALL FRONT POWER SEAT SWITCH LH INFO

8. INSTALL FRONT SEAT CUSHION SHIELD LH INFO

9. INSTALL RECLINING POWER SEAT SWITCH KNOB INFO

10. INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB INFO

11. INSTALL FRONT SEAT ASSEMBLY

(a) Install the front seat assembly INFO .



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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004687001X
Title: SEAT: FRONT SEATBACK HEATER: REMOVAL (2010 4Runner)		

REMOVAL

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

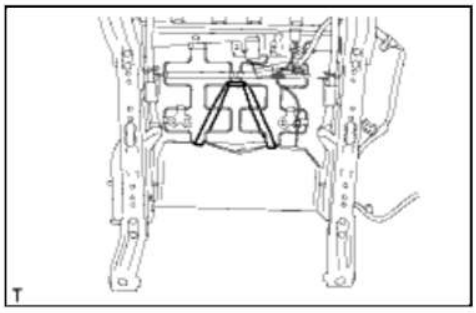
HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

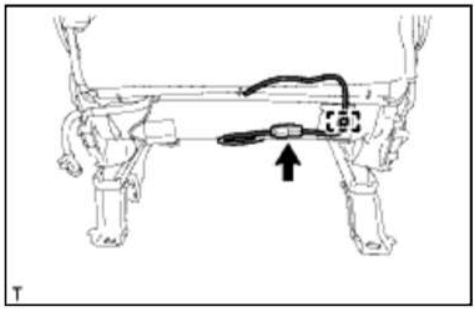
1. REMOVE FRONT SEAT ASSEMBLY

(a) Remove the front seat assembly INFO .

2. REMOVE SEPARATE TYPE FRONT SEATBACK COVER



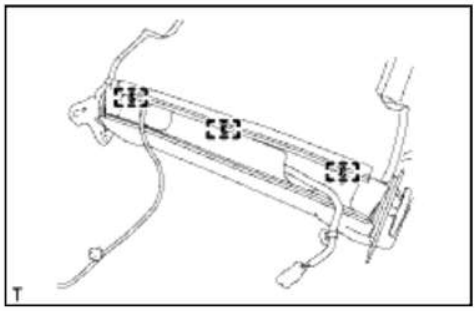
(a) Remove the rubber band from the seat cushion spring.



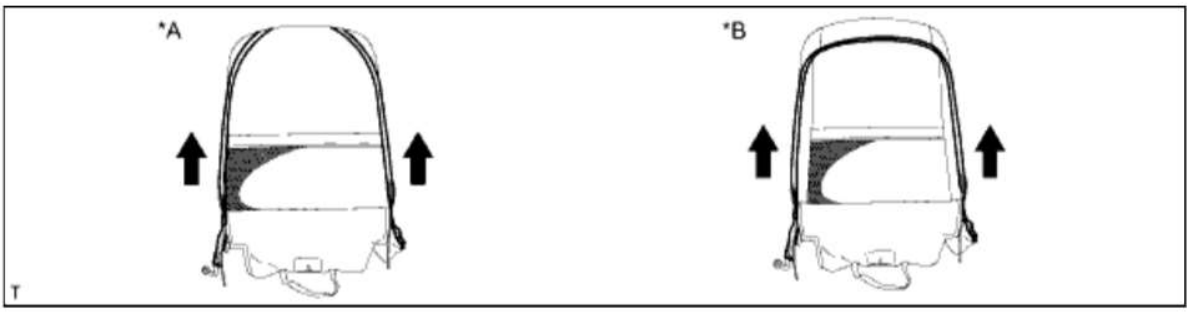
(b) Disconnect the seat heater connector and detach the seat heater wire harness clamp.

(c) Remove the 3 hog rings.

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(d) Open the 2 fasteners, and then open the seatback cover.



Text in Illustration

*A	for Cloth Seat	*B	for Leather Seat

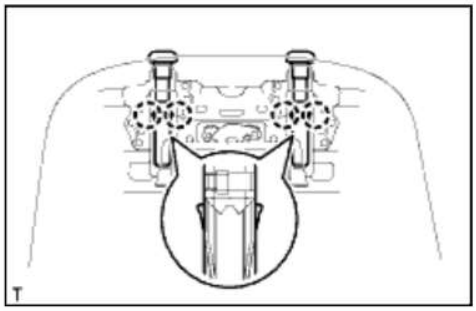


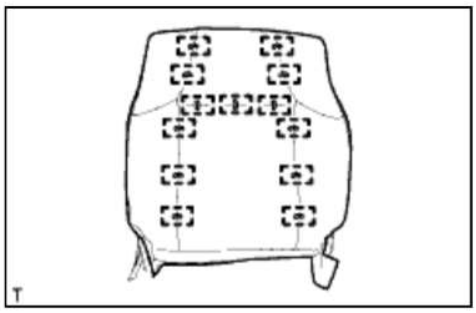
(e) Remove the nut and seatback cover bracket from the seat frame.

(f) Disconnect the seatback cover bracket from the seatback pad.

(g) Using a screwdriver, detach the 4 claws and remove the 2 headrest supports.

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(h) Remove the hog rings and front seatback cover.

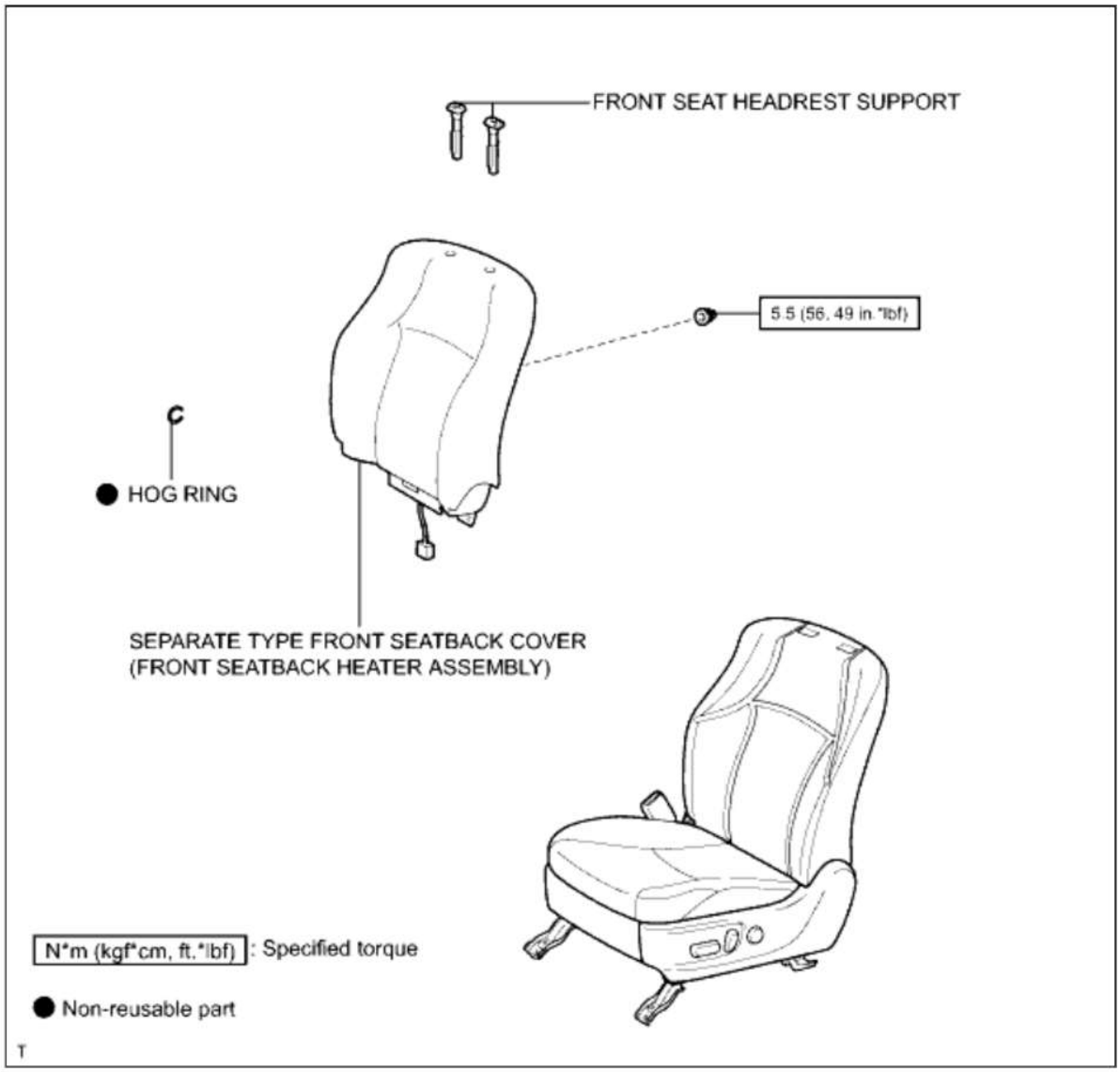
TOYOTA

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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004686001X
Title: SEAT: FRONT SEATBACK HEATER: COMPONENTS (2010 4Runner)		

COMPONENTS

ILLUSTRATION



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Last Modified: 5-10-2010	6.4 G	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000002XF4017X
Title: SEAT: FRONT SEATBACK HEATER: INSPECTION (2010 4Runner)		

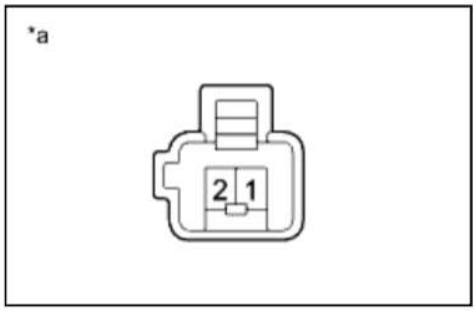
INSPECTION

1. INSPECT SEPARATE TYPE FRONT SEATBACK COVER

(a) Check the seatback heater.

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

Standard Resistance:



TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
1 - 2	Seatback heater temperature 20°C (68°F)	4.2 to 5.2 Ω

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

Text in Illustration

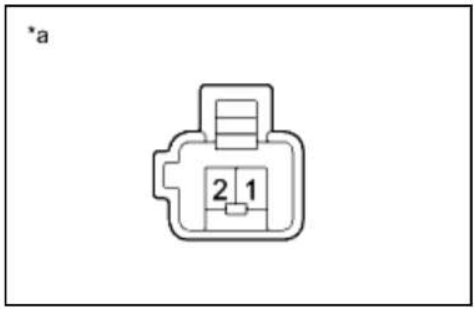
*a	Component without harness connected (Separate Type Front Seatback Cover (Front Seatback Heater))

2. INSPECT SEPARATE TYPE FRONT SEATBACK COVER

(a) Check the seatback heater.

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

Standard Resistance:



TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
1 - 2	Seatback heater temperature 20°C (68°F)	4.2 to 5.2 Ω

If the result is not as specified, replace the separate

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type front seatback cover.

Text in Illustration

*a	Component without harness connected (Separate Type Front Seatback Cover (Front Seatback Heater))

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004684001X
Title: SEAT: FRONT SEATBACK HEATER: INSTALLATION (2010 4Runner)		

INSTALLATION

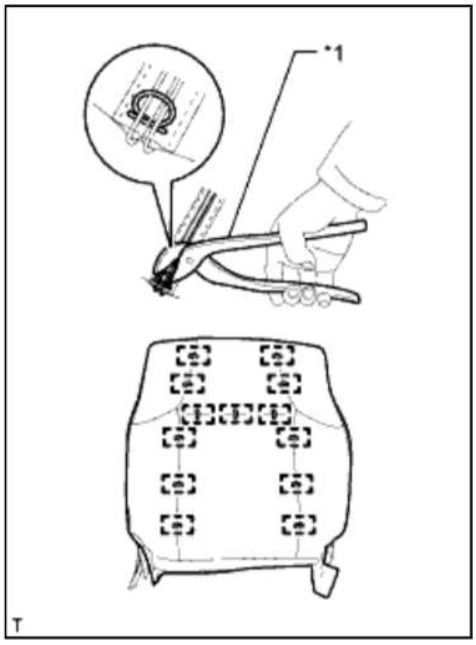
CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. INSTALL SEPARATE TYPE FRONT SEATBACK COVER



(a) Using hog ring pliers, install the seatback cover to the seatback pad with new hog rings.

Text in Illustration

*1	Hog Ring Pliers

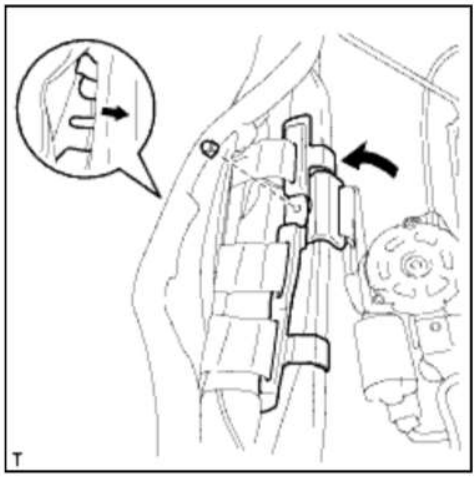
NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

(b) Attach the 4 claws to install the 2 headrest supports.

(c) Connect the seatback cover bracket to the seatback pad.

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(d) Install the seatback cover bracket to the seat frame with the nut.

Torque: 5.5 N·m (56 kgf·cm, 49in·lbf)

NOTICE:

After the seatback trim cover is assembled, make sure the side airbag strap is not twisted.

(e) Close the 2 fasteners, and then close the seatback cover.



Text in Illustration

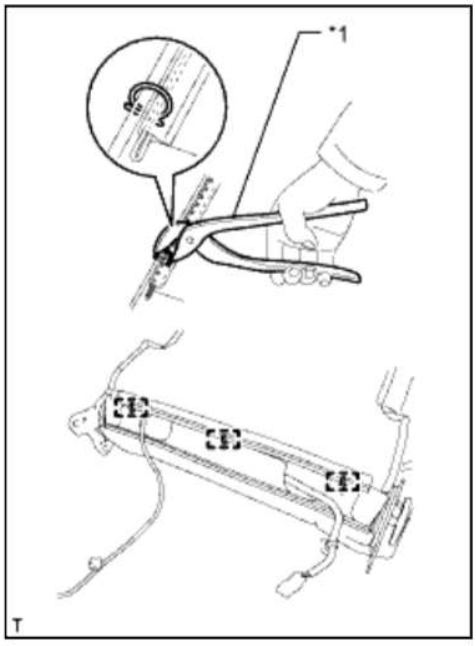
*A	for Cloth Seat	*B	for Leather Seat

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

Text in Illustration

*1	Hog Ring Pliers

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(g) Connect the seat heater connector and attach the wire harness clamp.

(h) Install the rubber band to the seat cushion spring.

2. INSTALL FRONT SEAT ASSEMBLY

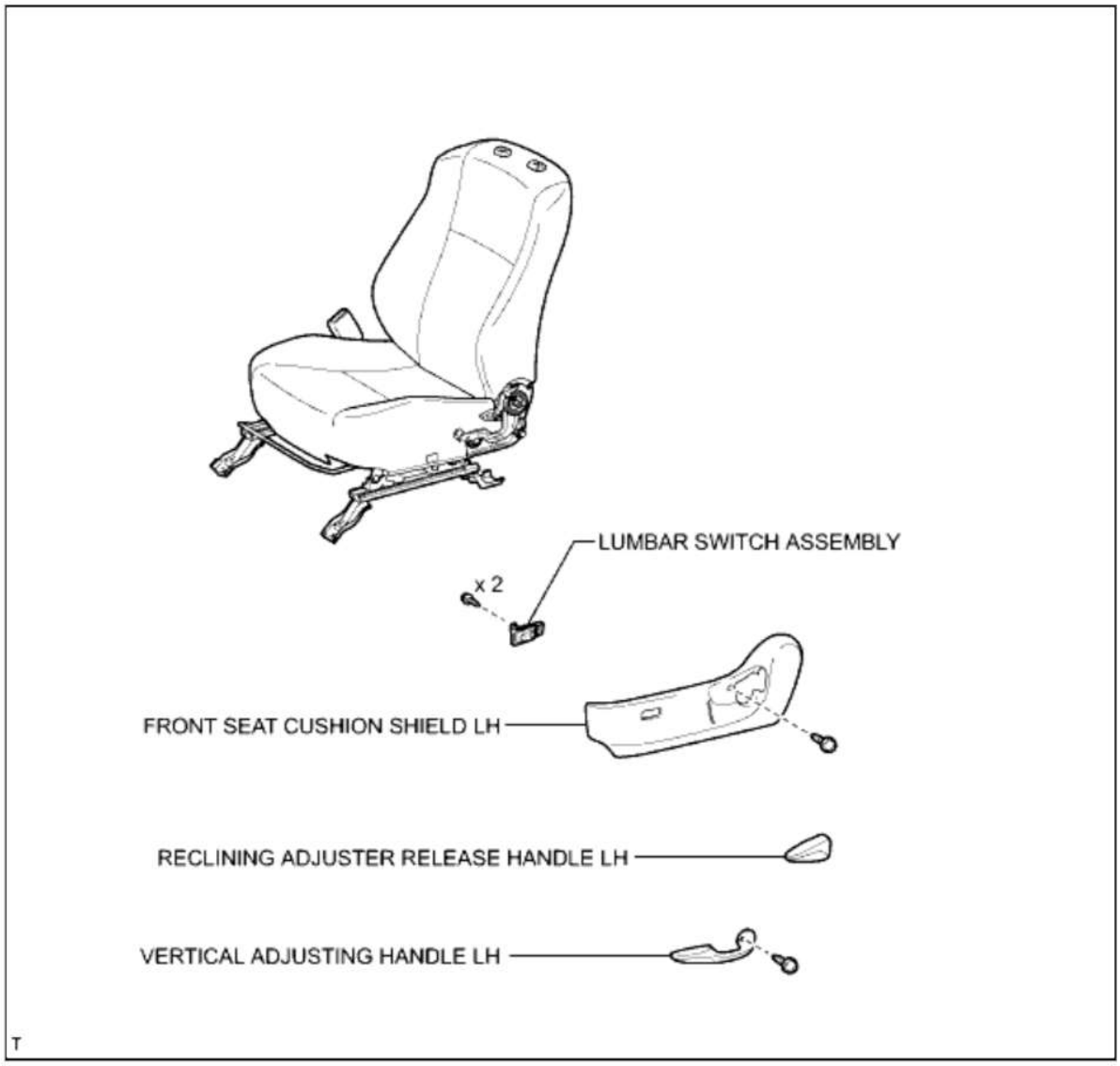
(a) Install the front seat assembly INFO .

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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000000467J001X
Title: SEAT: LUMBAR SWITCH (for Manual Seat): COMPONENTS (2010 4Runner)		

COMPONENTS

ILLUSTRATION



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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000467K001X
Title: SEAT: LUMBAR SWITCH (for Manual Seat): REMOVAL (2010 4Runner)		

REMOVAL

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

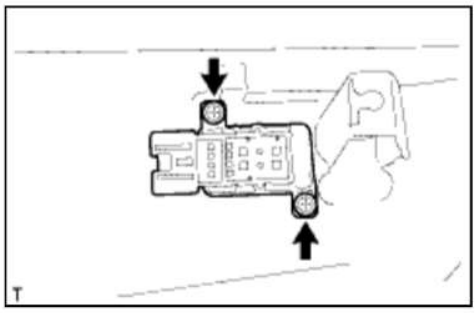
1. REMOVE FRONT SEAT ASSEMBLY

(a) Remove the front seat assembly INFO .

2. REMOVE RECLINING ADJUSTER RELEASE HANDLE LH INFO

3. REMOVE VERTICAL ADJUSTING HANDLE LH INFO

4. REMOVE FRONT SEAT CUSHION SHIELD LH INFO



5. REMOVE LUMBAR SWITCH ASSEMBLY

(a) Remove the 2 screws and switch.

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Last Modified: 5-10-2010	6.4 G	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000003DGX002X
Title: SEAT: LUMBAR SWITCH (for Manual Seat): INSPECTION (2010 4Runner)		

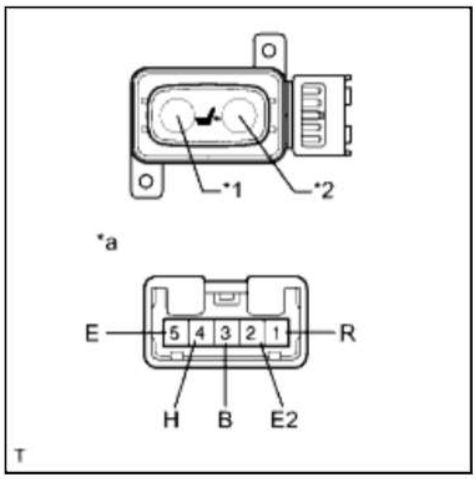
INSPECTION

1. INSPECT LUMBAR SWITCH ASSEMBLY

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

Standard Resistance:

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
3 (B) - 4 (H)	Hold	Below 1 Ω
1 (R) - 2 (E2)		
1 (R) - 2 (E2)	Off	
4 (H) - 5 (E)		
1 (R) - 3 (B)	Release	
4 (H) - 5 (E)		



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

Text in Illustration

*1	Hold Switch
*2	Release Switch
*a	Component without harness connected (Lumbar Switch)

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000467H001X
Title: SEAT: LUMBAR SWITCH (for Manual Seat): INSTALLATION (2010 4Runner)		

INSTALLATION

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

1. INSTALL LUMBAR SWITCH ASSEMBLY

(a) Install the switch with the 2 screws.

2. INSTALL FRONT SEAT CUSHION SHIELD LH INFO

3. INSTALL VERTICAL ADJUSTING HANDLE LH INFO

4. INSTALL RECLINING ADJUSTER RELEASE HANDLE LH INFO

5. INSTALL FRONT SEAT ASSEMBLY

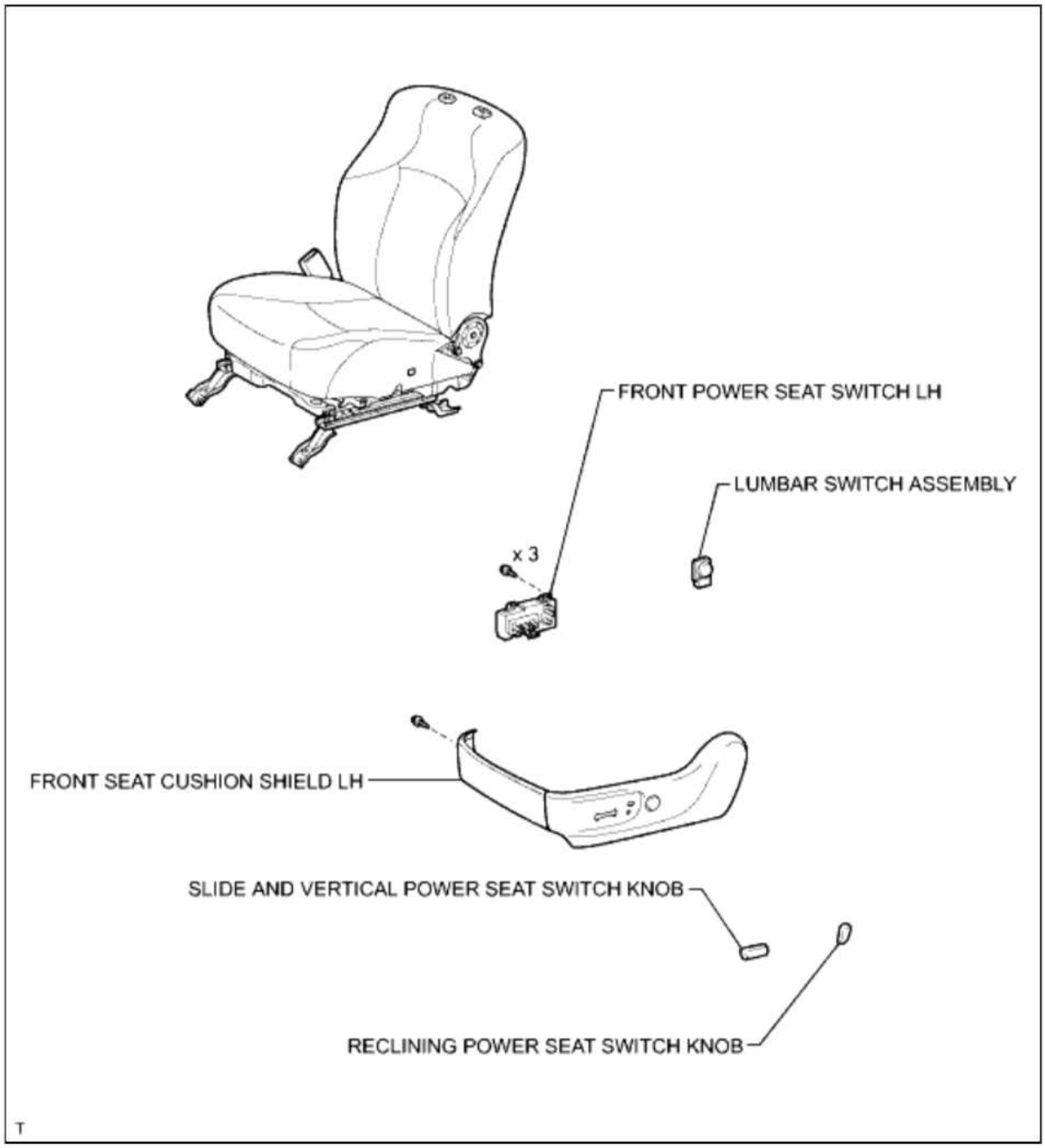
(a) Install the front seat assembly INFO .

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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000467N001X
Title: SEAT: LUMBAR SWITCH (for Power Seat): COMPONENTS (2010 4Runner)		

COMPONENTS

ILLUSTRATION



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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004670001X
Title: SEAT: LUMBAR SWITCH (for Power Seat): REMOVAL (2010 4Runner)		

REMOVAL

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

1. REMOVE FRONT SEAT ASSEMBLY

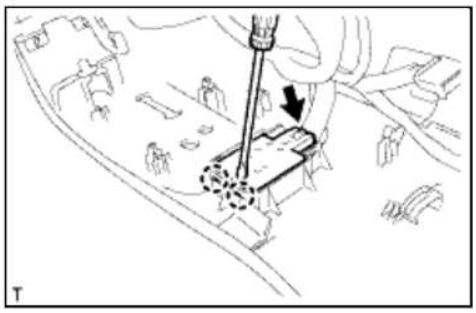
(a) Remove the front seat assembly INFO .

2. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB INFO

3. REMOVE RECLINING POWER SEAT SWITCH KNOB INFO

4. REMOVE FRONT SEAT CUSHION SHIELD LH INFO

5. REMOVE FRONT POWER SEAT SWITCH LH INFO



6. REMOVE LUMBAR SWITCH ASSEMBLY

(a) Using a screwdriver, detach the 2 claws.

(b) Disconnect the lumbar switch connector and remove the lumbar switch.

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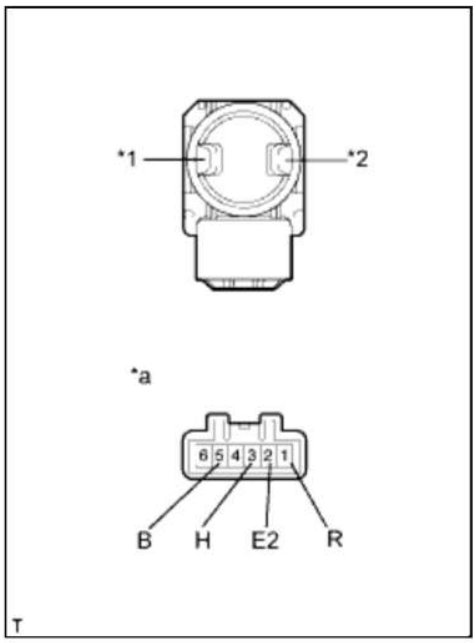
Last Modified: 5-10-2010	6.4 G	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000467M001X
Title: SEAT: LUMBAR SWITCH (for Power Seat): INSPECTION (2010 4Runner)		

INSPECTION

1. INSPECT LUMBAR SWITCH ASSEMBLY

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

Standard Resistance:



TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
3 (H) - 5 (B)	Hold	Below 1 Ω
1 (R) - 2 (E2)		
2 (E2) - 3 (H)	Off	
2 (E2) - 1 (R)		
2 (E2) - 3 (H)	Release	
1 (R) - 5 (B)		

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

Text in Illustration

*1	Hold Switch
*2	Release Switch
*a	Component without harness connected (Lumbar Switch)

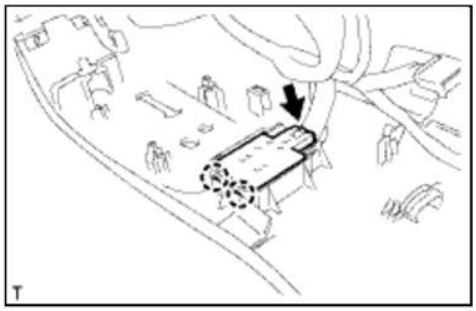
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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000467L001X
Title: SEAT: LUMBAR SWITCH (for Power Seat): INSTALLATION (2010 4Runner)		

INSTALLATION

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.



1. INSTALL LUMBAR SWITCH ASSEMBLY

(a) Connect the lumbar switch connector.

(b) Attach the 2 claws to install the lumbar switch.

2. INSTALL FRONT POWER SEAT SWITCH LH INFO

3. INSTALL FRONT SEAT CUSHION SHIELD LH INFO

4. INSTALL RECLINING POWER SEAT SWITCH KNOB INFO

5. INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB INFO

6. INSTALL FRONT SEAT ASSEMBLY

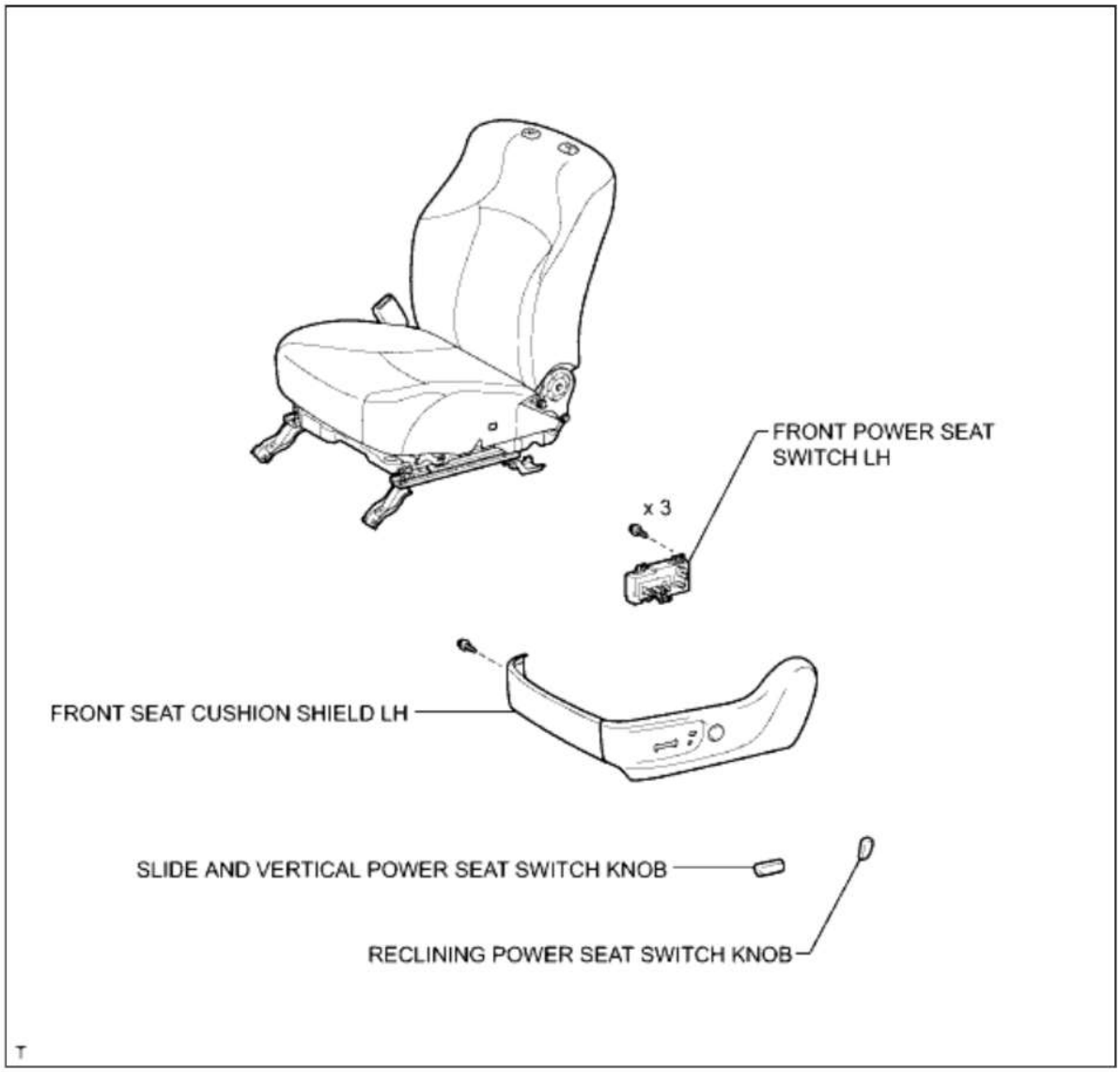
(a) Install the front seat assembly INFO .

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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000467F001X
Title: SEAT: POWER SEAT SWITCH: COMPONENTS (2010 4Runner)		

COMPONENTS

ILLUSTRATION



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Last Modified: 5-10-2010	6.4 G	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000467E001X
Title: SEAT: POWER SEAT SWITCH: INSPECTION (2010 4Runner)		

INSPECTION

1. INSPECT FRONT POWER SEAT SWITCH LH

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

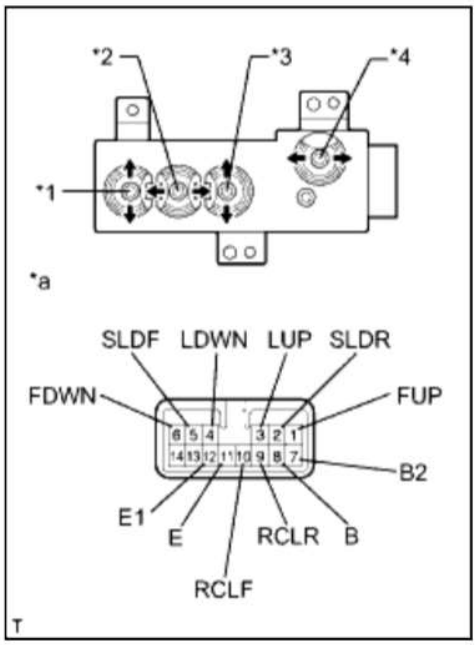
Standard Resistance:

Slide Switch

Front Vertical Switch

Lifter Switch

Reclining Switch



TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
5 (SLDF) - 8 (B) 5 (SLDF) - 7 (B2)	Front	Below 1 Ω
2 (SLDR) - 11 (E) 2 (SLDR) - 12 (E1)		
5 (SLDF) - 11 (E) 5 (SLDF) - 12 (E1)	Off	
2 (SLDR) - 11 (E) 2 (SLDR) - 12 (E1)		
5 (SLDF) - 11 (E) 5 (SLDF) - 12 (E1)	Rear	
2 (SLDR) - 8 (B) 2 (SLDR) - 7 (B2)		

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
1 (FUP) - 8 (B) 1 (FUP) - 7 (B2)	Up	Below 1 Ω
6 (FDWN) - 11 (E) 6 (FDWN) - 12 (E1)		
1 (FUP) - 11 (E) 1 (FUP) - 12 (E1)	Off	

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6 (FDWN) - 11 (E) 6 (FDWN) - 12 (E1)		
1 (FUP) - 11 (E) 1 (FUP) - 12 (E1)	Down	
6 (FDWN) - 8 (B) 6 (FDWN) - 7 (B2)		

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
3 (LUP) - 8 (B) 3 (LUP) - 7 (B2)	Up	Below 1 Ω
4 (LDWN) - 11 (E) 4 (LDWN) - 12 (E1)		
3 (LUP) - 11 (E) 3 (LUP) - 12 (E1)	Off	
4 (LDWN) - 11 (E) 4 (LDWN) - 12 (E1)		
3 (LUP) - 11 (E) 3 (LUP) - 12 (E1)	Down	
4 (LDWN) - 8 (B) 4 (LDWN) - 7 (B2)		

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
10 (RCLF) - 8 (B) 10 (RCLF) - 7 (B2)	Front	Below 1 Ω
9 (RCLR) - 11 (E) 9 (RCLR) - 12 (E1)		
10 (RCLF) - 11 (E) 10 (RCLF) - 12 (E1)	Off	
9 (RCLR) - 11 (E) 9 (RCLR) - 12 (E1)		
10 (RCLF) - 11 (E) 10 (RCLF) - 12 (E1)	Rear	
9 (RCLR) - 8 (B) 9 (RCFR) - 7 (B2)		

If the result is not as specified, replace the front power

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seat switch.

Text in Illustration

*1	Front Vertical Switch
*2	Slide Switch
*3	Lifter Switch
*4	Reclining Switch
*a	Component without harness connected (Front Power Seat Switch)

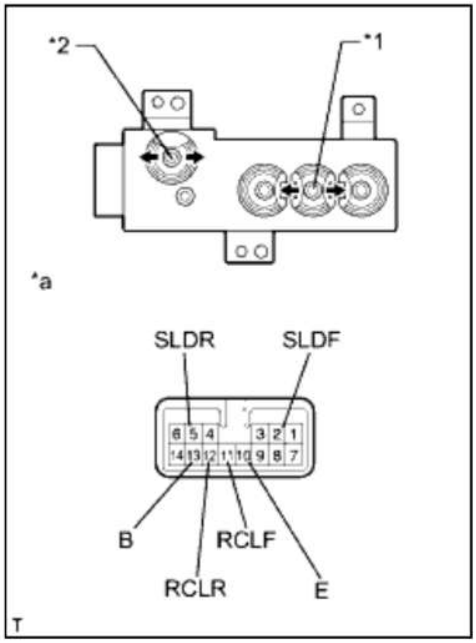
2. INSPECT FRONT POWER SEAT SWITCH RH

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

Standard Resistance:

Slide Switch

Reclining Switch



TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
2 (SLDF) - 13 (B)	Front	Below 1 Ω
5 (SLDR) - 10 (E)		
2 (SLDF) - 10 (E)	Off	
5 (SLDR) - 10 (E)		
2 (SLDF) - 10 (E)	Rear	
5 (SLDR) - 13 (B)		

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
11 (RCLF) - 13 (B)	Front	Below 1 Ω
12 (RCLR) - 10 (E)		
11 (RCLF) - 10 (E)	Off	
12 (RCLR) - 10 (E)		
11 (RCLF) - 10 (E)	Rear	
12 (RCLR) - 13 (B)		

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

Text in Illustration

*1	Slide Switch
*2	Reclining Switch
*a	Component without harness connected (Front Power Seat Switch)

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000467G001X
Title: SEAT: POWER SEAT SWITCH: REMOVAL (2010 4Runner)		

REMOVAL

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

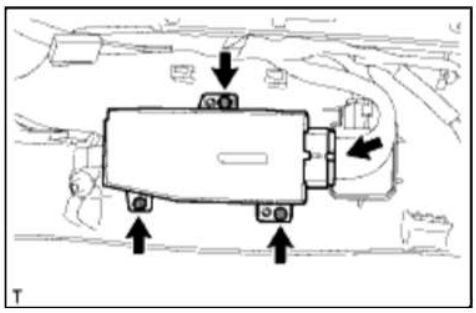
1. REMOVE FRONT SEAT ASSEMBLY

(a) Remove the front seat assembly INFO .

2. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB INFO

3. REMOVE RECLINING POWER SEAT SWITCH KNOB INFO

4. REMOVE FRONT SEAT CUSHION SHIELD LH INFO



5. REMOVE FRONT POWER SEAT SWITCH LH

(a) Remove the 3 screws.

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

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000467D001X
Title: SEAT: POWER SEAT SWITCH: INSTALLATION (2010 4Runner)		

INSTALLATION

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. INSTALL FRONT POWER SEAT SWITCH LH

(a) Connect the power seat switch connector.

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

2. INSTALL FRONT SEAT CUSHION SHIELD LH INFO

3. INSTALL RECLINING POWER SEAT SWITCH KNOB INFO

4. INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB INFO

5. INSTALL FRONT SEAT ASSEMBLY

(a) Install the front seat assembly INFO .

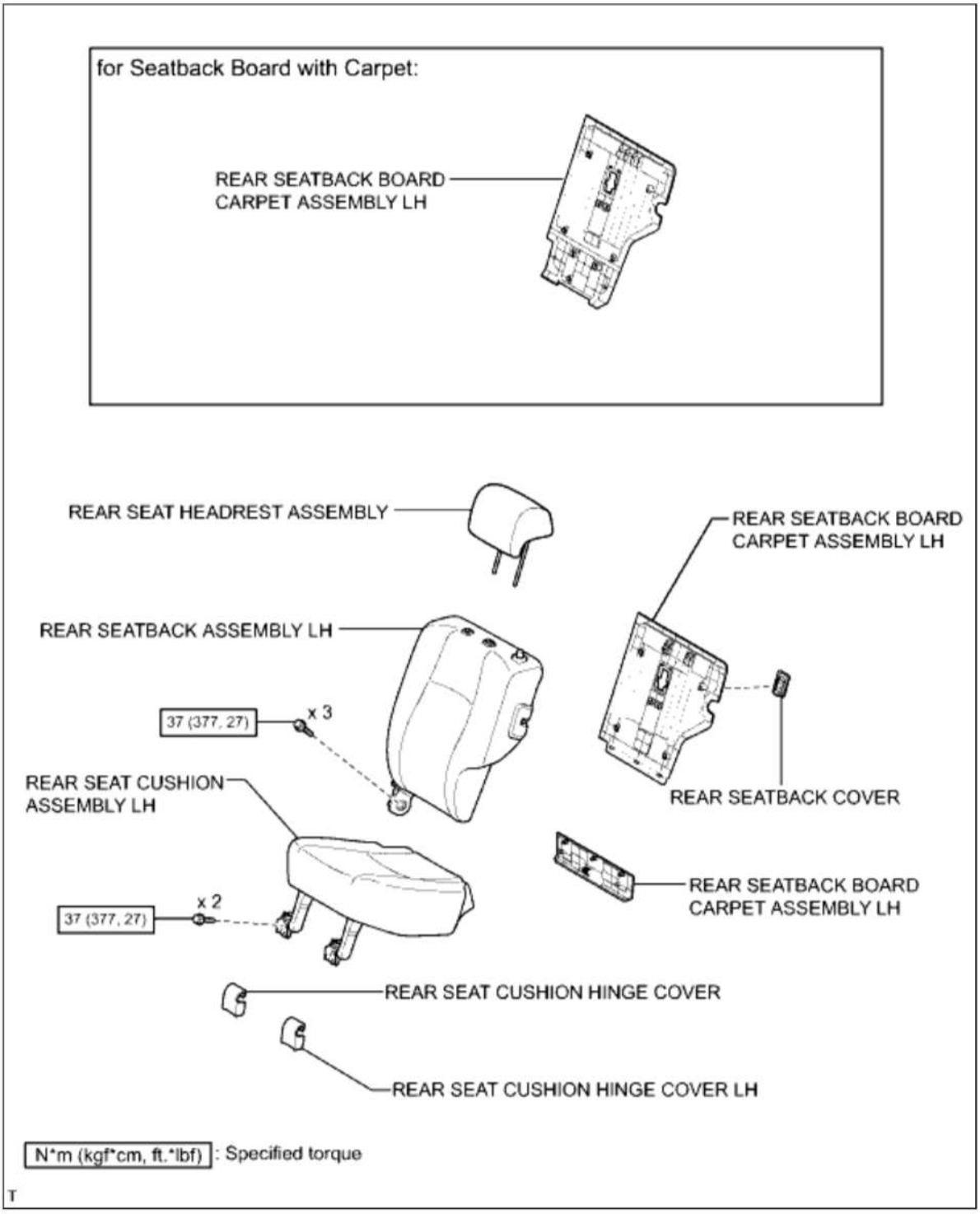
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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004680001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Double-folding Seat Type LH Side): COMPONENTS (2010 4Runner)		

COMPONENTS

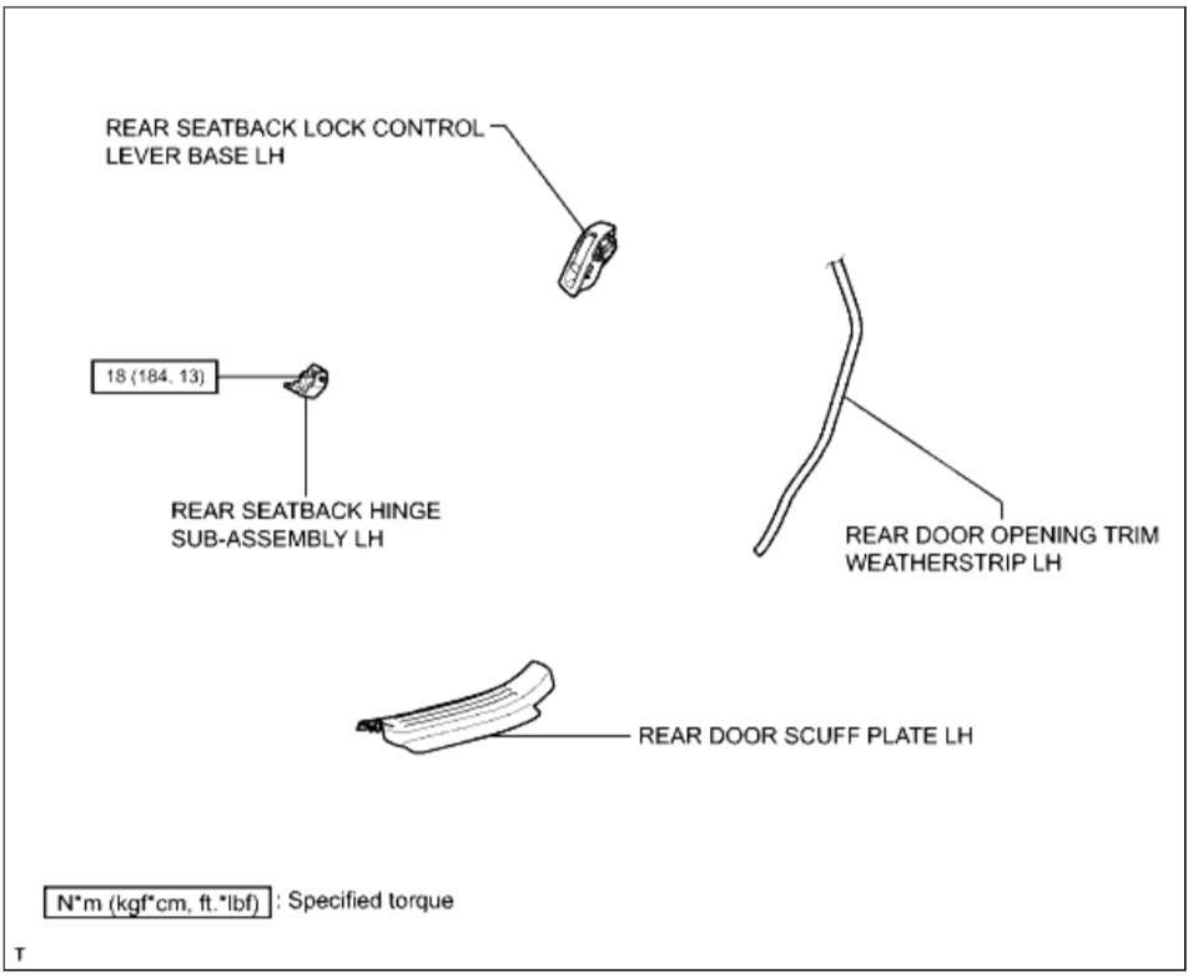
ILLUSTRATION

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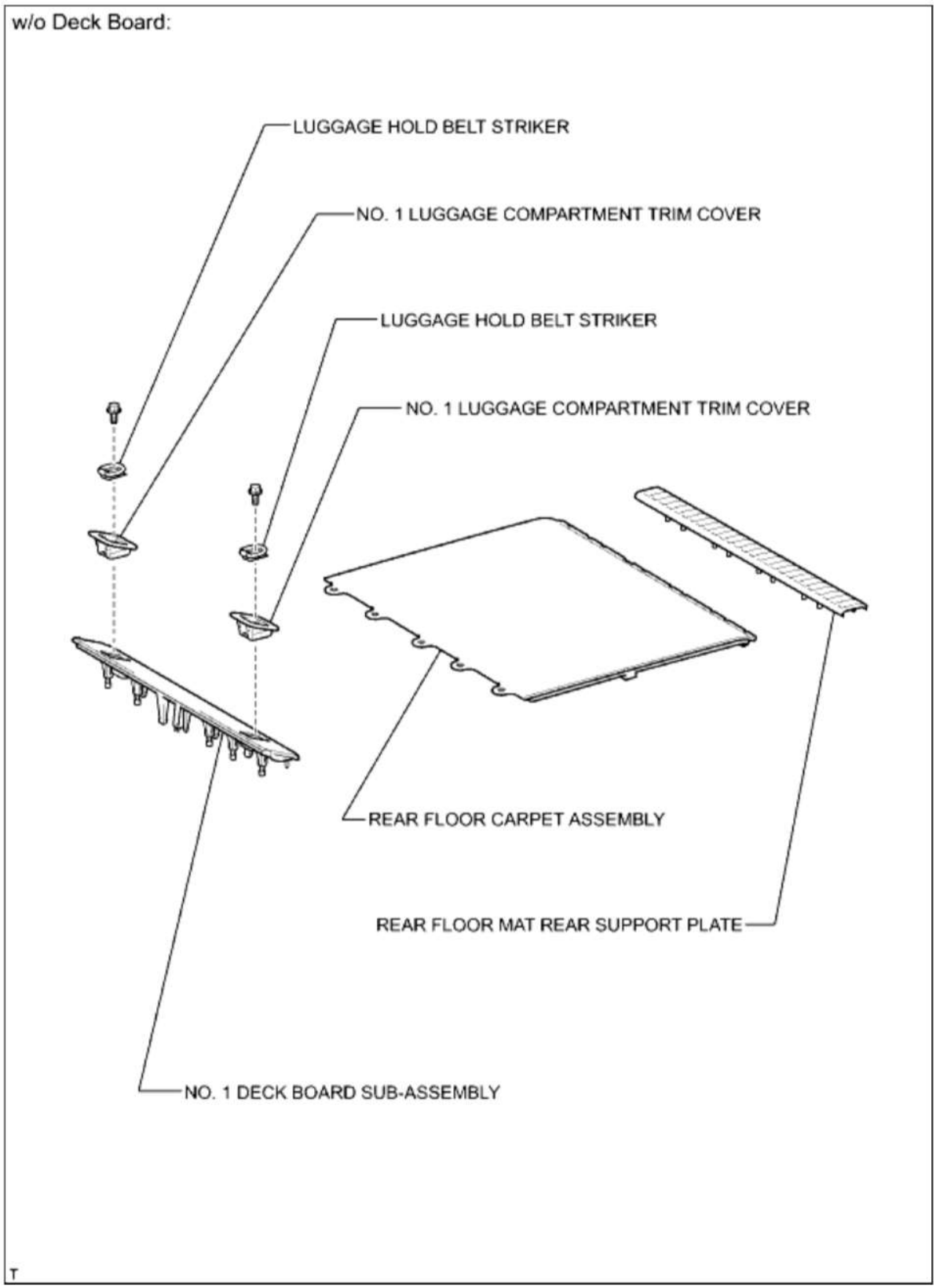
ILLUSTRATION

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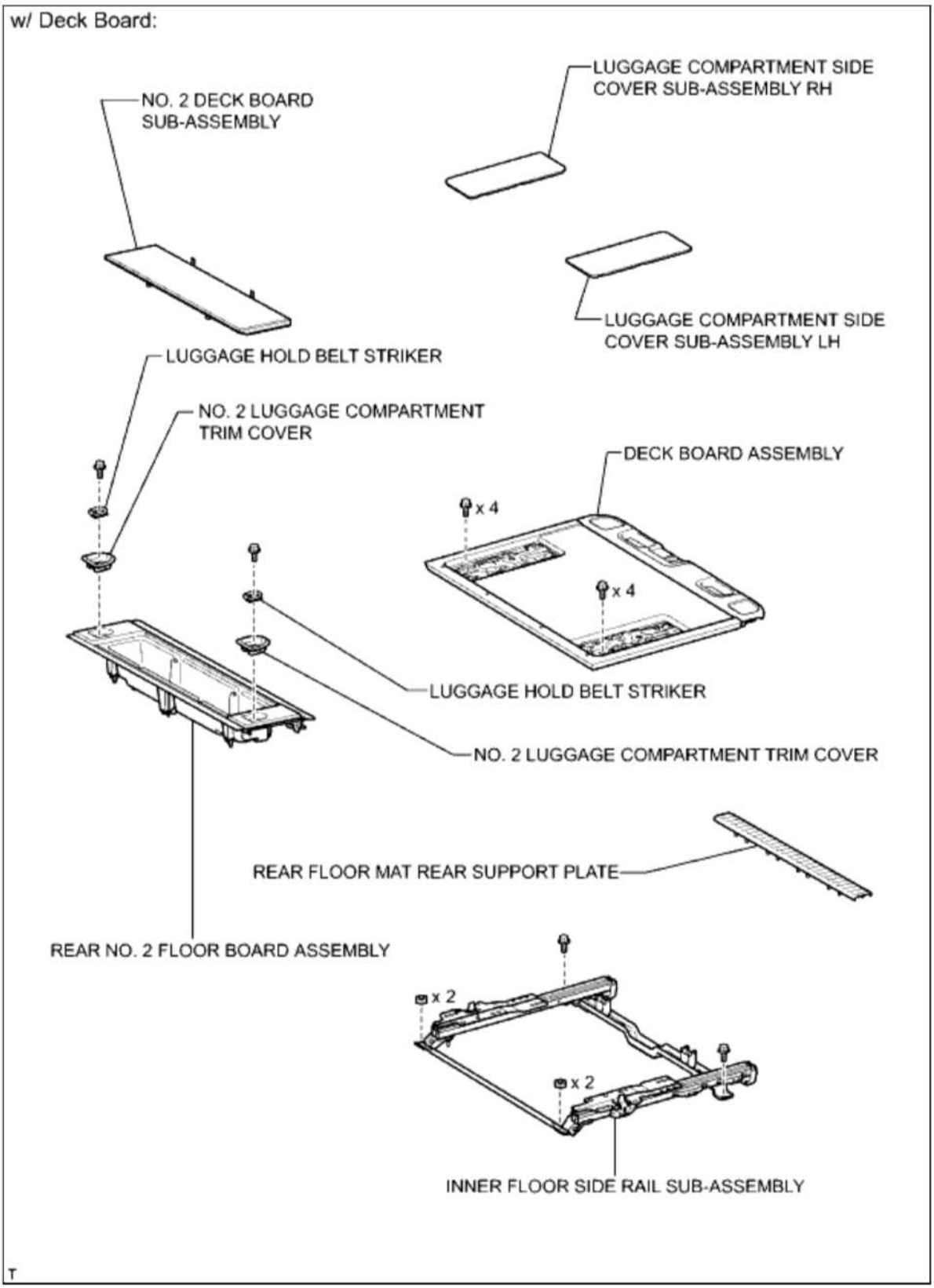
ILLUSTRATION

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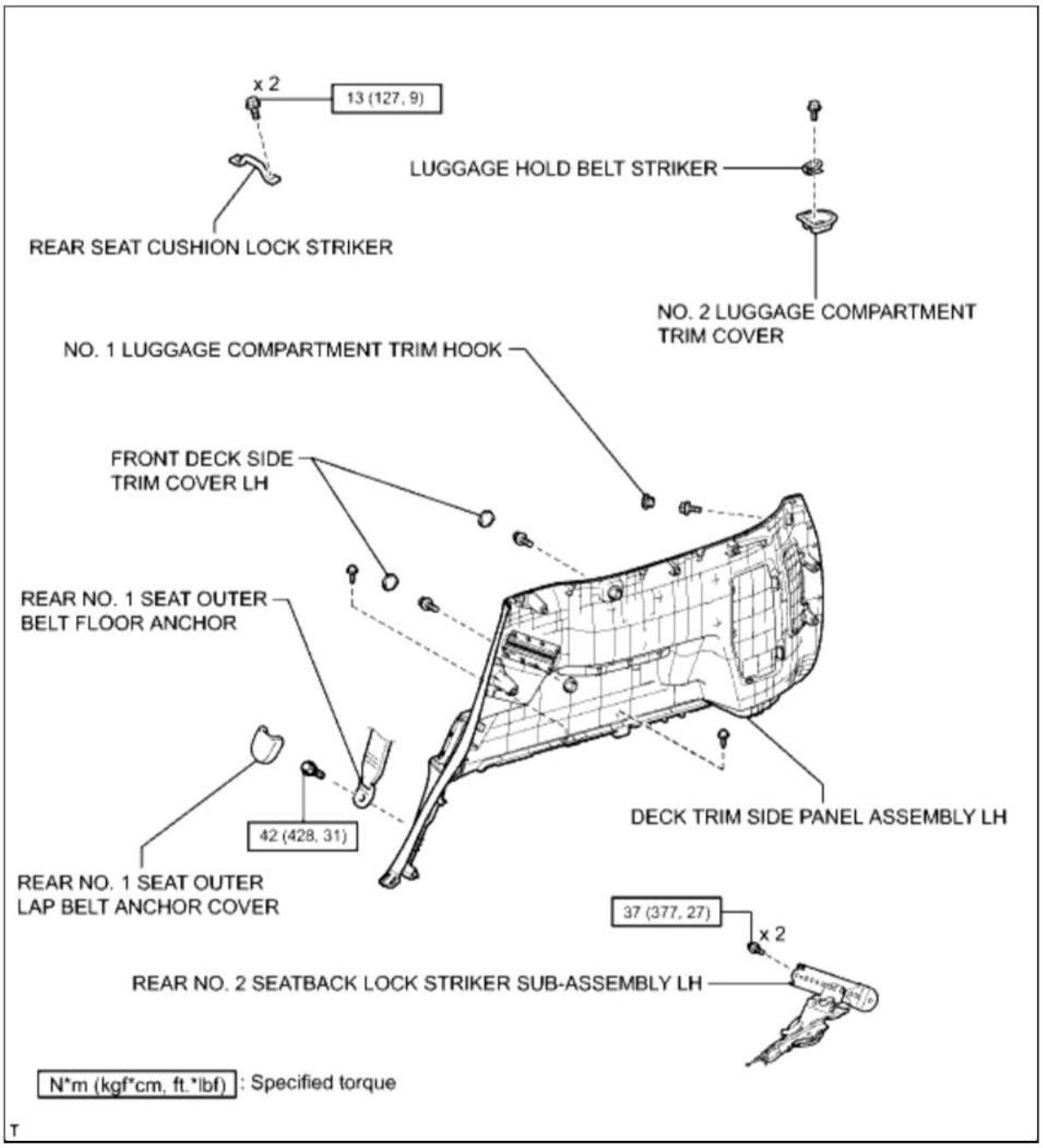
ILLUSTRATION

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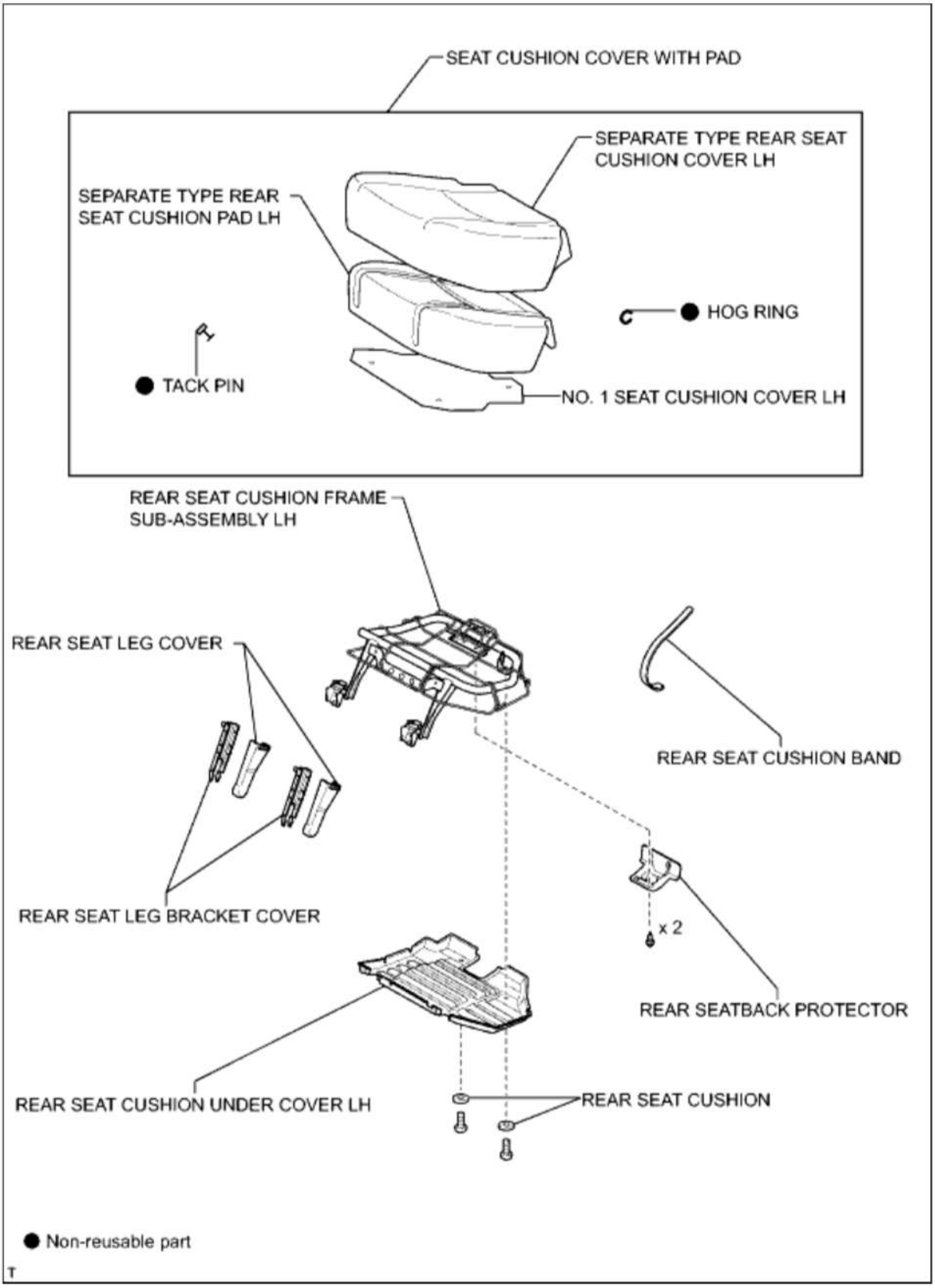
ILLUSTRATION

cardiagn.com



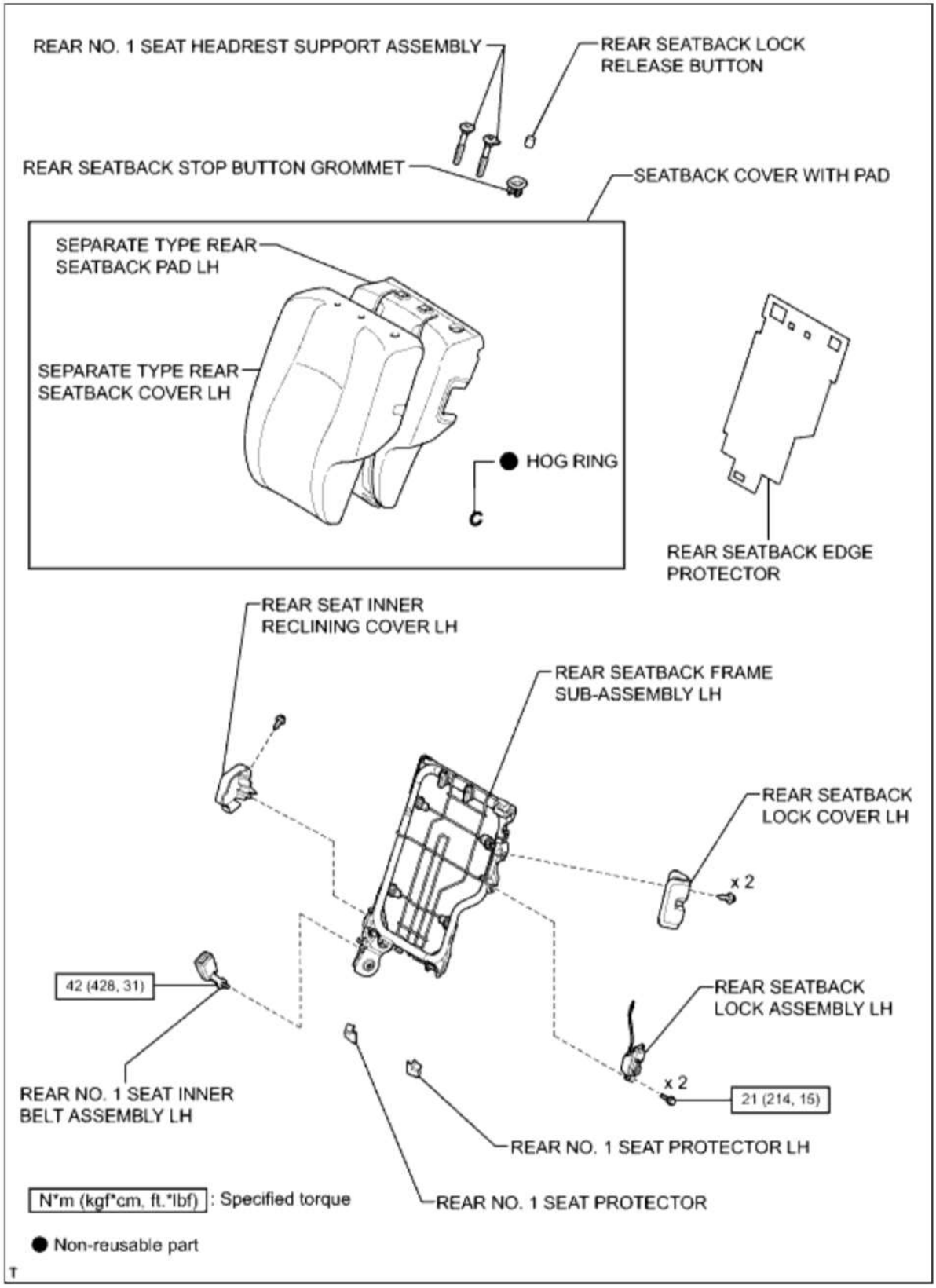
ILLUSTRATION

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ILLUSTRATION

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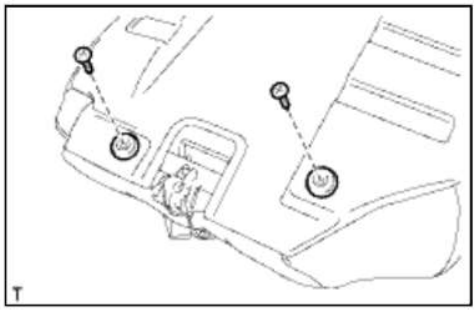
cardiagn.com

Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468Q001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Double-folding Seat Type LH Side): DISASSEMBLY (2010 4Runner)		

DISASSEMBLY

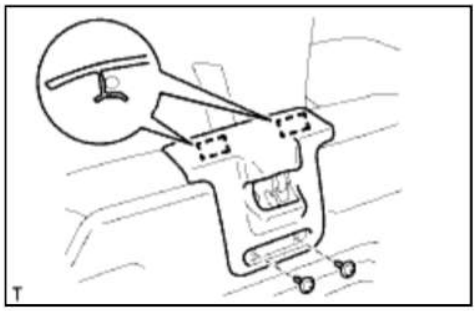
CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.



1. REMOVE REAR SEAT CUSHION

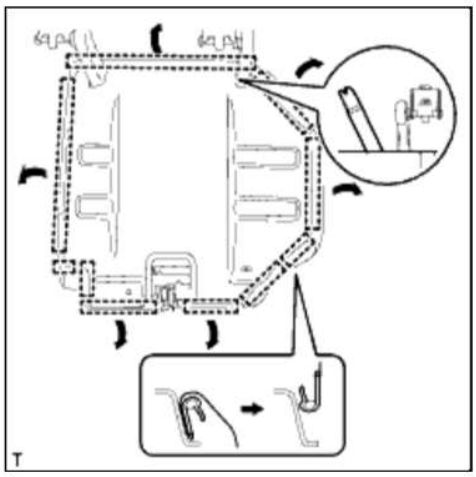
(a) Remove the 2 screws and 2 cushions.



2. REMOVE REAR SEATBACK PROTECTOR

(a) Remove the 2 screws.

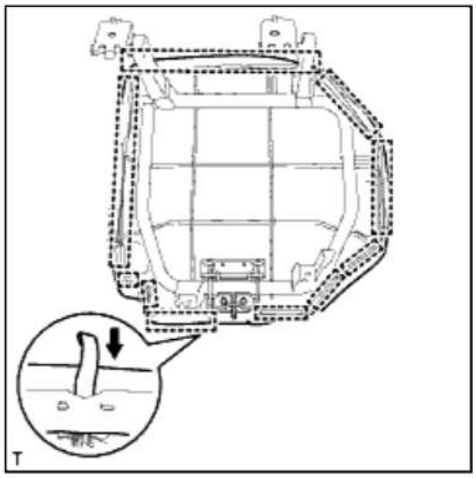
(b) Detach the 2 hooks and remove the protector.



3. REMOVE REAR SEAT CUSHION UNDER COVER LH

(a) Using a moulding remover, detach the hooks and remove the cover.

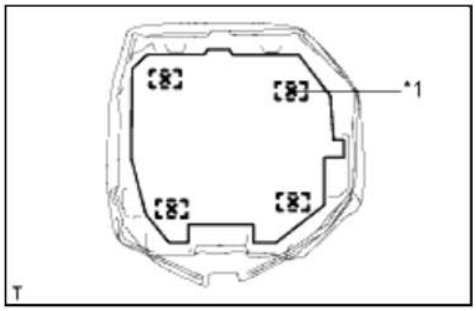
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4. REMOVE SEAT CUSHION COVER WITH PAD

(a) Disconnect the seat cushion band from the seat cushion cover.

(b) Detach the hooks and remove the seat cushion cover with pad.

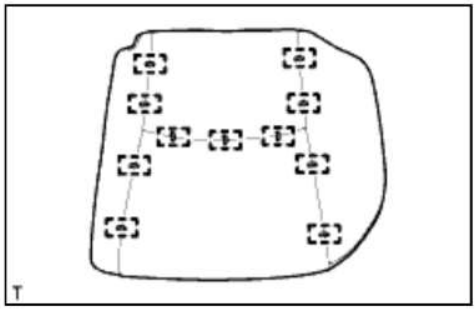


5. REMOVE NO. 1 SEAT CUSHION COVER LH

(a) Cut off the tack pins and remove the protector from the cushion pad.

Text in Illustration

*1	Tack Pin



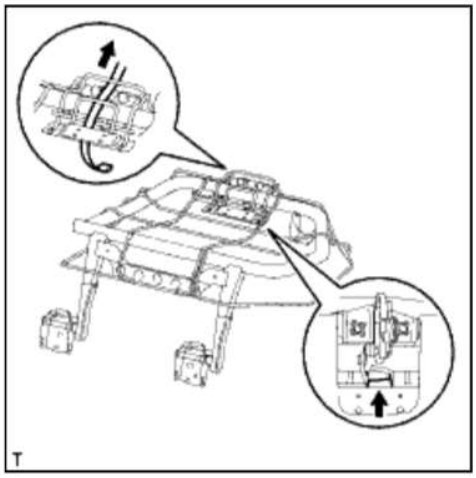
6. REMOVE SEPARATE TYPE REAR SEAT CUSHION COVER LH

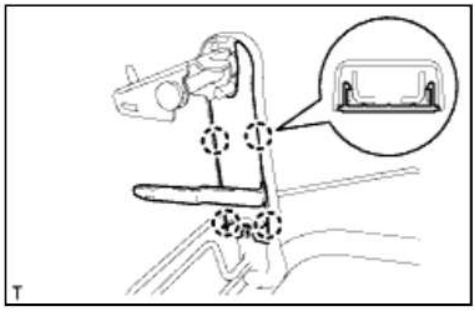
(a) Remove the hog rings and seat cushion cover from the seat cushion pad.

7. REMOVE REAR SEAT CUSHION BAND

(a) Remove the band as shown in the illustration.

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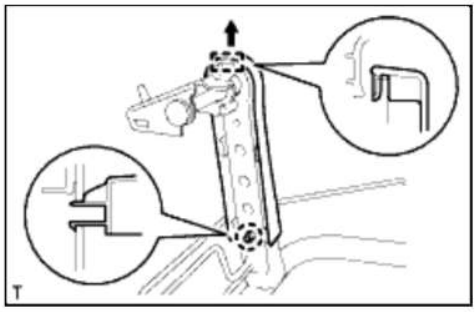


8. REMOVE REAR SEAT LEG BRACKET COVER

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

HINT:

Use the same procedure for both covers.



9. REMOVE REAR SEAT LEG COVER

(a) Detach the claw and guide, and then remove the cover.

HINT:

Use the same procedure for both covers.

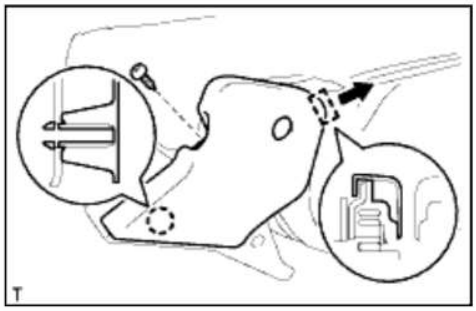
10. REMOVE REAR NO. 1 SEAT INNER BELT ASSEMBLY LH INFO

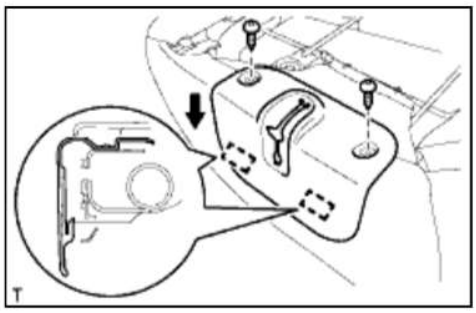
11. REMOVE REAR SEAT INNER RECLINING COVER LH

(a) Remove the screw.

(b) Detach the claw and guide, and then remove the cover.

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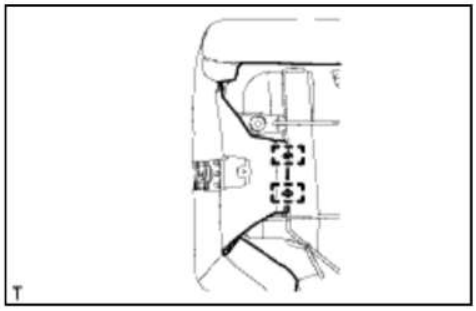


12. REMOVE REAR SEATBACK LOCK COVER LH

(a) Remove the 2 screws.

(b) Detach the 2 guides and remove the cover.

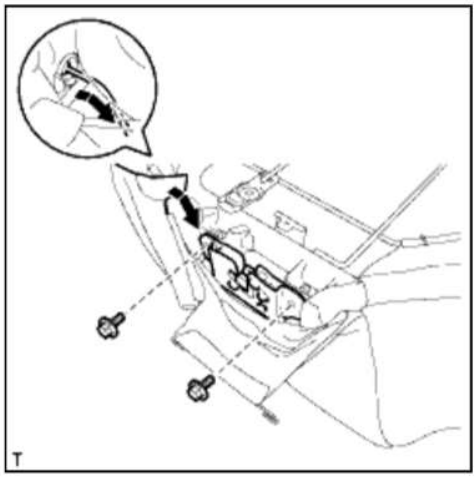
13. REMOVE REAR SEATBACK LOCK ASSEMBLY LH



(a) Remove the 2 hog rings.

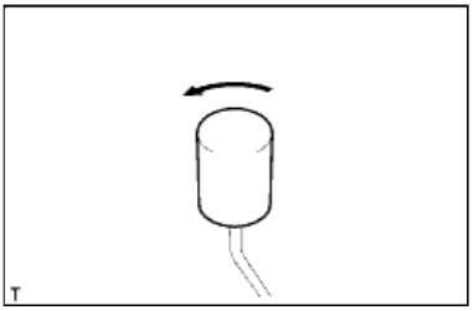
(b) Remove the 2 bolts.

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(c) While moving the release button in the direction of the arrow in the illustration, detach it from the grommet and remove the seatback lock.

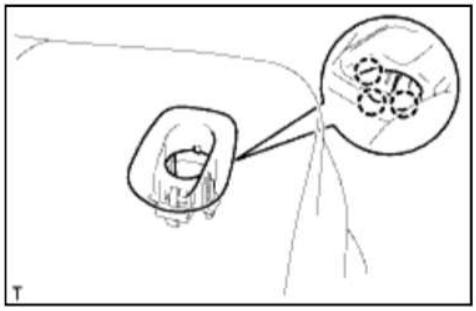
14. REMOVE REAR SEATBACK LOCK RELEASE BUTTON



(a) Remove the release button as shown in the illustration.

Text in Illustration

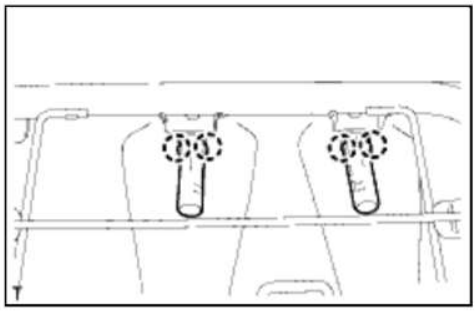
➡	Counterclockwise



15. REMOVE REAR SEATBACK STOP BUTTON GROMMET

(a) Detach the 3 claws and remove the grommet.

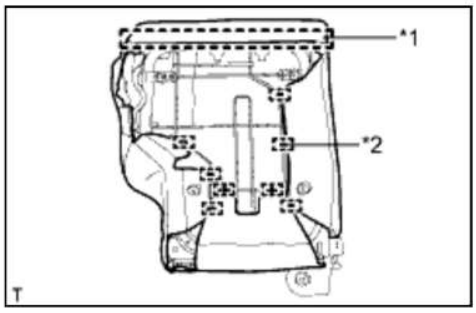
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16. REMOVE REAR NO. 1 SEAT HEADREST SUPPORT ASSEMBLY

(a) Detach the 4 claws and remove the 2 supports.

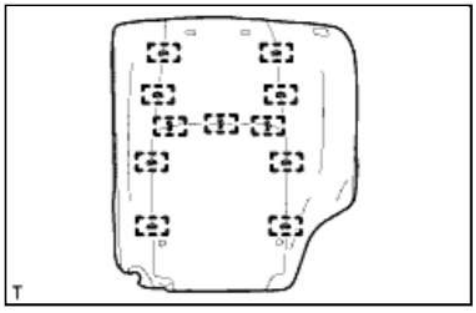
17. REMOVE SEATBACK COVER WITH PAD



(a) Remove the hog rings and detach the hook, and then remove the seatback cover with pad.

Text in Illustration

*1	Hook
*2	Hog Ring



18. REMOVE SEPARATE TYPE REAR SEATBACK COVER LH

(a) Remove the hog rings and cover from the seatback pad.

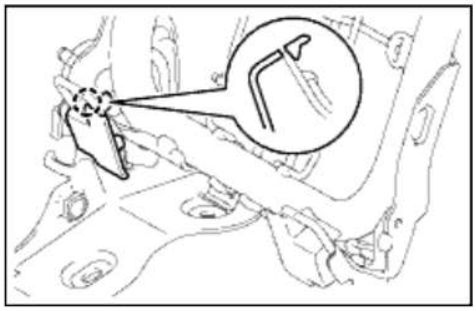
19. REMOVE REAR SEATBACK EDGE PROTECTOR

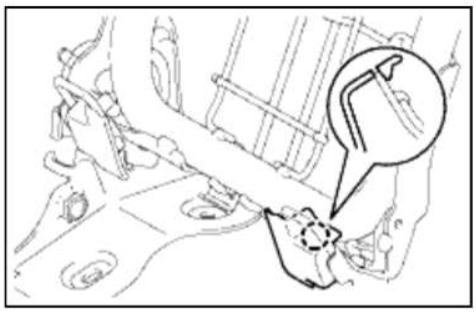
(a) Remove the protector from the seatback frame.

20. REMOVE REAR NO. 1 SEAT PROTECTOR

(a) Detach the claw and remove the protector.

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21. REMOVE REAR NO. 1 SEAT PROTECTOR LH

(a) Detach the claw and remove the protector.

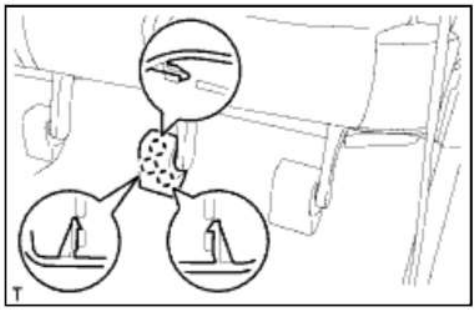
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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468P001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Double-folding Seat Type LH Side): REMOVAL (2010 4Runner)		

REMOVAL

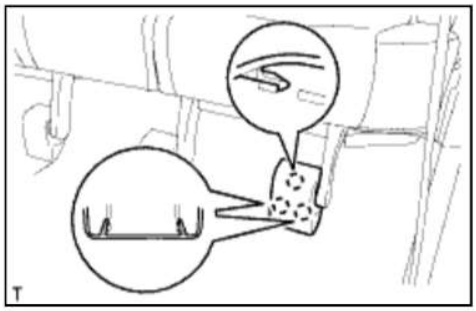
CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.



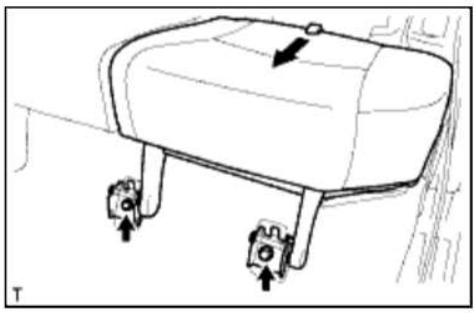
1. REMOVE REAR SEAT CUSHION HINGE COVER

(a) Using a moulding remover, detach the 3 claws and remove the cover.



2. REMOVE REAR SEAT CUSHION HINGE COVER LH

(a) Using a moulding remover, detach the 3 claws and remove the cover.



3. REMOVE REAR SEAT CUSHION ASSEMBLY LH

(a) Pull the rear seat cushion band and release the lock.

(b) Remove the 2 bolts and seat cushion.

NOTICE:

Be careful not to damage the vehicle body.

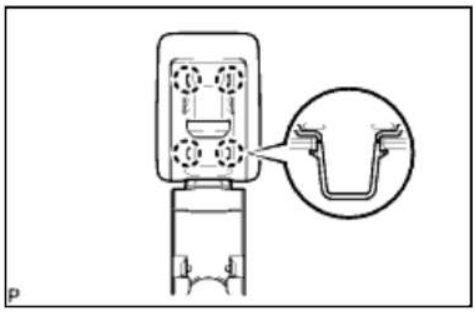
4. REMOVE REAR SEAT HEADREST ASSEMBLY

(a) Remove the headrest.

5. REMOVE REAR SEATBACK COVER

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(a) Press the seatback lock release button to release the lock and fold down the seatback.



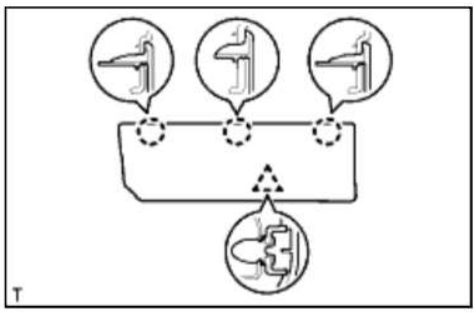
(b) Using a screwdriver, detach the 4 claws and remove the cover.

HINT:

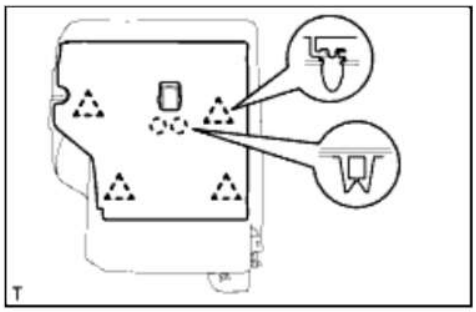
Tape the screwdriver tip before use.

6. REMOVE REAR SEATBACK BOARD CARPET ASSEMBLY LH

(a) for Plastic Seatback Board:



(1) Detach the 3 claws and clip, and then remove the carpet.



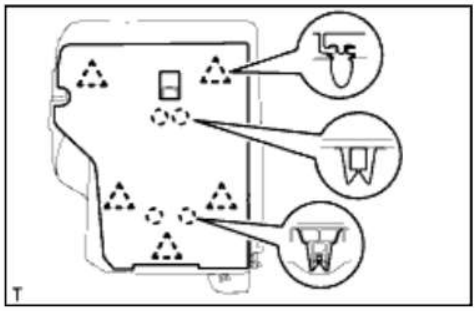
(2) Using a clip remover, detach the 4 clips.

(3) Detach the 2 claws and remove the carpet.

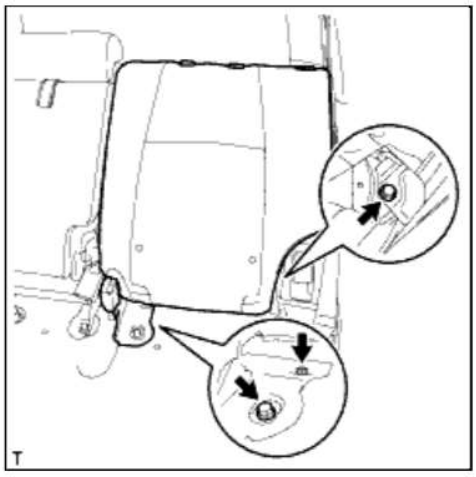
(b) for Seatback Board with Carpet:

(1) Using a clip remover, detach the 5 clips.

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(2) Detach the 4 claws and remove the carpet.



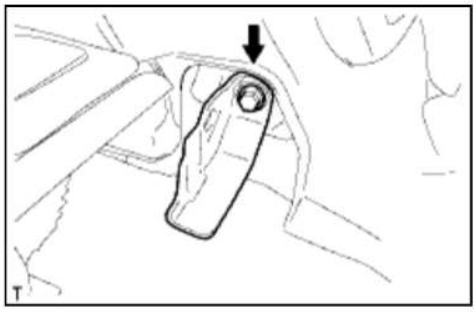
7. REMOVE REAR SEATBACK ASSEMBLY LH

(a) Remove the 2 bolts that secure the seatback to the floor.

(b) Fold down the seatback, remove the bolt from the hinge, and then remove the seatback.

NOTICE:

Be careful not to damage the vehicle body.



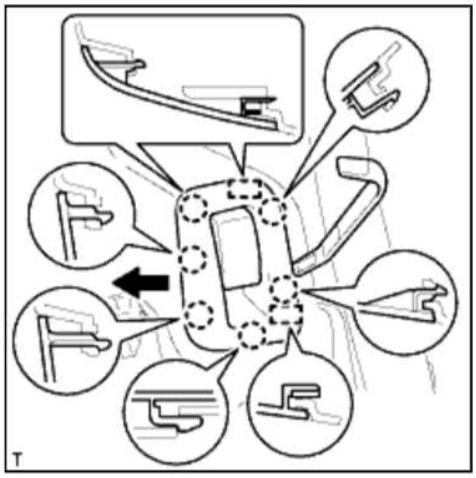
8. REMOVE REAR SEATBACK HINGE SUB-ASSEMBLY LH

(a) Remove the bolt and hinge.

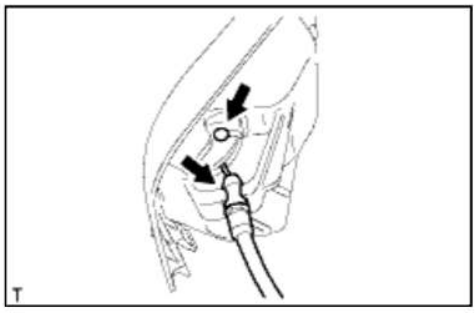
9. REMOVE REAR SEATBACK LOCK CONTROL LEVER BASE LH

(a) Using a moulding remover, detach the 6 claws.

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(b) Move the cover in the direction of the arrow to detach the 2 guides and remove the lever base.



(c) Detach the cable clamp and disconnect the cable.

10. REMOVE REAR DOOR SCUFF PLATE LH INFO

11. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP LH INFO

12. REMOVE NO. 1 LUGGAGE COMPARTMENT TRIM COVER (w/o Deck Board) INFO

13. REMOVE NO. 1 DECK BOARD SUB-ASSEMBLY (w/o Deck Board) INFO

14. REMOVE NO. 2 LUGGAGE COMPARTMENT TRIM COVER (w/ Deck Board, w/o Rear No. 2 Seat) INFO

15. REMOVE NO. 2 DECK BOARD SUB-ASSEMBLY (w/ Deck Board) INFO

16. REMOVE REAR NO. 2 FLOOR BOARD ASSEMBLY (w/ Deck Board) INFO

17. REMOVE LUGGAGE COMPARTMENT SIDE COVER SUB-ASSEMBLY LH (w/ Deck Board) INFO

18. REMOVE LUGGAGE COMPARTMENT SIDE COVER SUB-ASSEMBLY RH (w/ Deck Board) INFO

19. REMOVE DECK BOARD ASSEMBLY (w/ Deck Board) INFO

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20. REMOVE INNER FLOOR SIDE RAIL SUB-ASSEMBLY (w/ Deck Board) INFO

21. REMOVE REAR FLOOR MAT REAR SUPPORT PLATE INFO

22. REMOVE REAR FLOOR CARPET ASSEMBLY (w/o Deck Board) INFO

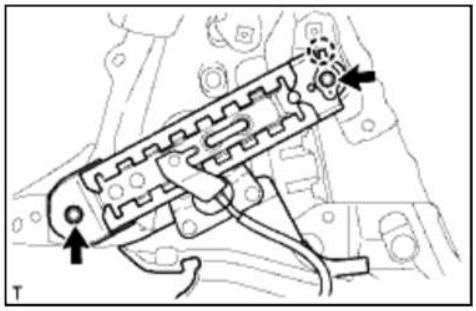
23. REMOVE REAR NO. 1 SEAT OUTER LAP BELT ANCHOR COVER INFO

24. REMOVE NO. 1 LUGGAGE COMPARTMENT TRIM HOOK INFO

25. REMOVE FRONT DECK SIDE TRIM COVER LH INFO

26. REMOVE NO. 1 LUGGAGE COMPARTMENT TRIM COVER INFO

27. REMOVE DECK TRIM SIDE PANEL ASSEMBLY LH INFO



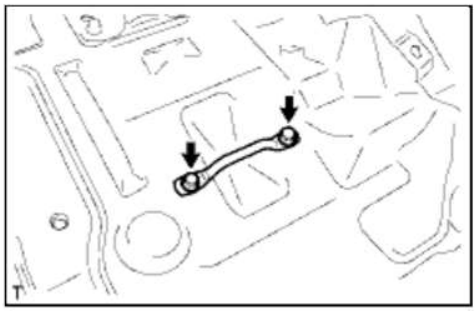
28. REMOVE REAR NO. 2 SEATBACK LOCK STRIKER SUB-ASSEMBLY LH

(a) Remove the 2 bolts.

(b) Detach the claw and remove the striker.

NOTICE:

Do not wipe off the grease on the sliding portion of the striker.



29. REMOVE REAR SEAT CUSHION LOCK STRIKER

(a) Remove the 2 bolts and striker.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468R001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Double-folding Seat Type LH Side): REASSEMBLY (2010 4Runner)		

REASSEMBLY

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

1. INSTALL REAR NO. 1 SEAT PROTECTOR LH

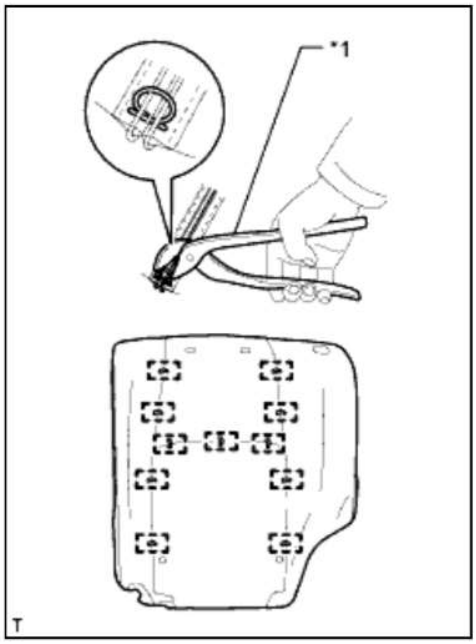
(a) Attach the claw to install the protector.

2. INSTALL REAR NO. 1 SEAT PROTECTOR

(a) Attach the claw to install the protector.

3. INSTALL REAR SEATBACK EDGE PROTECTOR

(a) Install the protector to the seatback frame.



4. INSTALL SEPARATE TYPE REAR SEATBACK COVER LH

(a) Using hog ring pliers, install the seatback cover to the seatback pad with new hog rings.

Text in Illustration

*1	Hog Ring Pliers

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

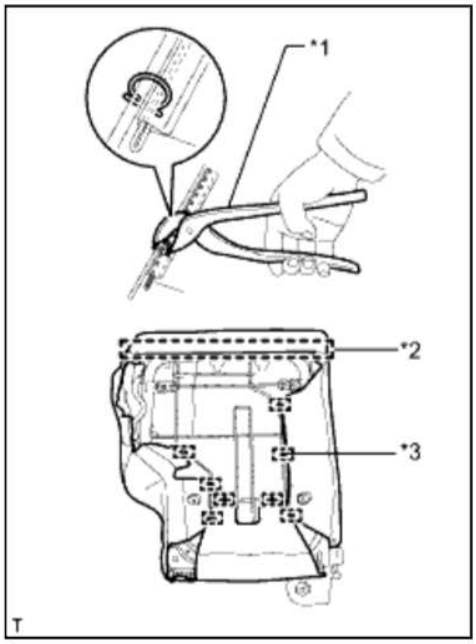
5. INSTALL SEATBACK COVER WITH PAD

(a) Attach the hook.

Text in Illustration

*1	Hog Ring Pliers

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*2	Hook
*3	Hog Ring

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

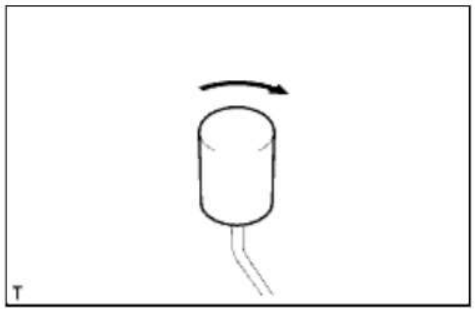
6. INSTALL REAR NO. 1 SEAT HEADREST SUPPORT ASSEMBLY

(a) Attach the 4 claws to install the 2 supports.

7. INSTALL REAR SEATBACK STOP BUTTON GROMMET

(a) Attach the 3 claws to install the grommet.

8. INSTALL REAR SEATBACK LOCK RELEASE BUTTON



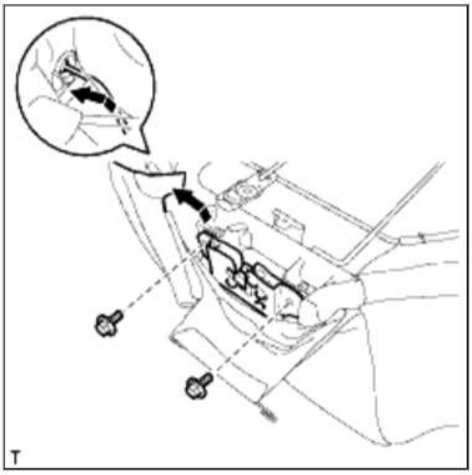
(a) Install the release button as shown in the illustration.

Text in Illustration

➡	Clockwise

9. INSTALL REAR SEATBACK LOCK ASSEMBLY LH

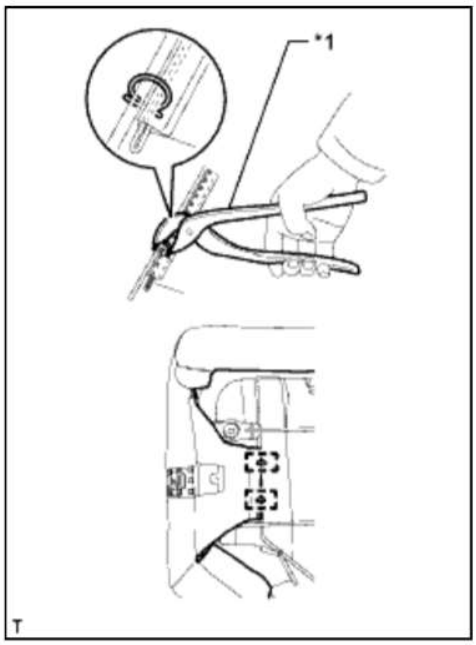
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(a) While moving the release button in the direction of the arrow in the illustration, attach it to the grommet.

(b) Install the seatback lock with the 2 bolts.

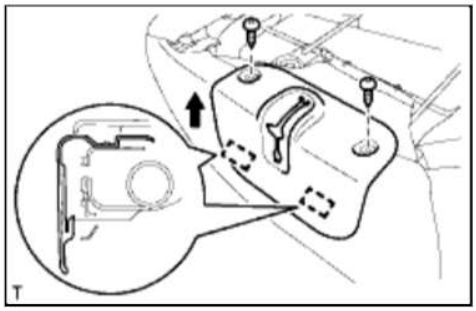
Torque: 21 N·m (214 kgf·cm, 15ft·lbf)



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

Text in Illustration

*1	Hog Ring Pliers

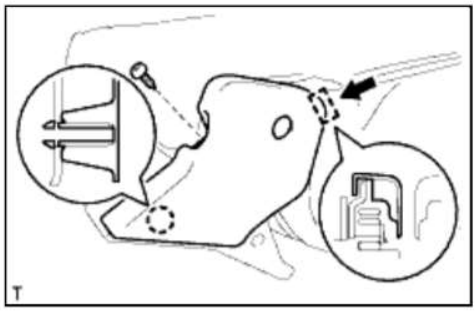


10. INSTALL REAR SEATBACK LOCK COVER LH

(a) Attach the 2 hooks to install the cover.

(b) Install the 2 screws.

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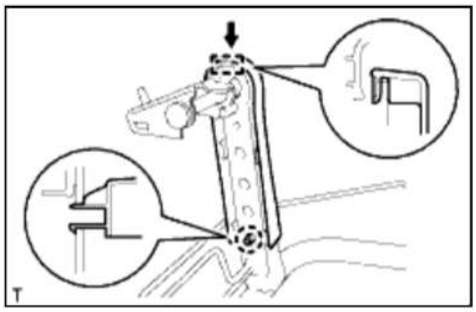


11. INSTALL REAR SEAT INNER RECLINING COVER LH

(a) Attach the guide and claw to install the cover.

(b) Install the screw.

12. INSTALL REAR NO. 1 SEAT INNER BELT ASSEMBLY LH INFO

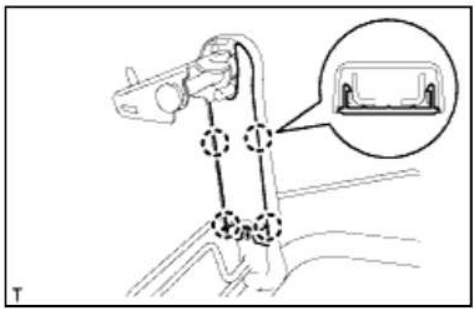


13. INSTALL REAR SEAT LEG COVER

(a) Attach the guide and claw to install the cover.

HINT:

Use the same procedure for both covers.



14. INSTALL REAR SEAT LEG BRACKET COVER

(a) Attach the 4 claws to install the cover.

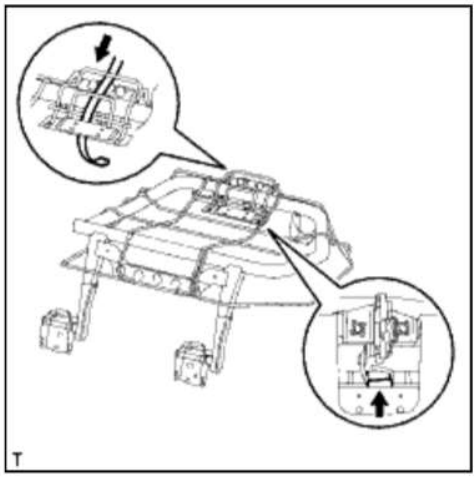
HINT:

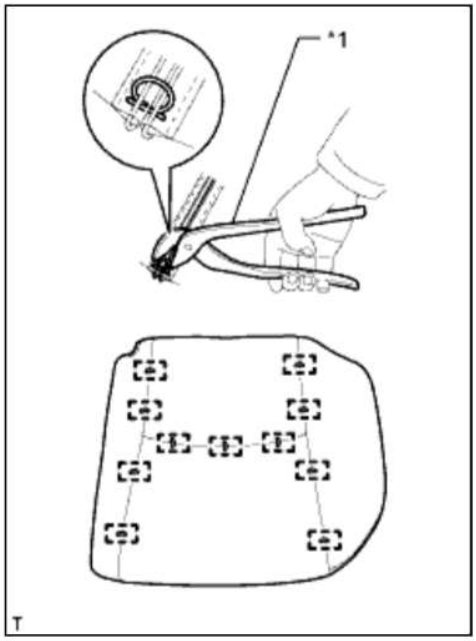
Use the same procedure for both covers.

15. INSTALL REAR SEAT CUSHION BAND

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

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16. INSTALL SEPARATE TYPE REAR SEAT CUSHION COVER LH

(a) Using hog ring pliers, install the seat cushion cover to the seat cushion pad with new hog rings.

Text in Illustration

*1	Hog Ring Pliers

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

17. INSTALL NO. 1 SEAT CUSHION COVER LH

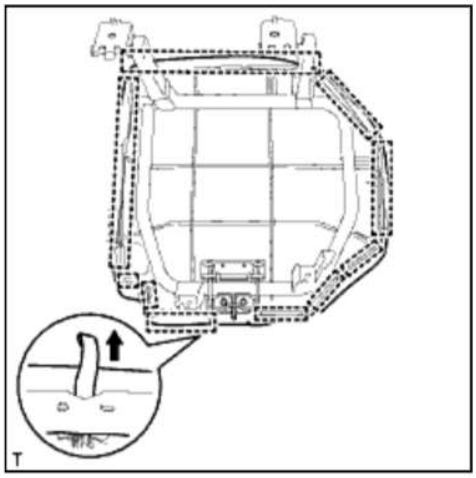
(a) Install the cover to the seat cushion pad with new tack pins.

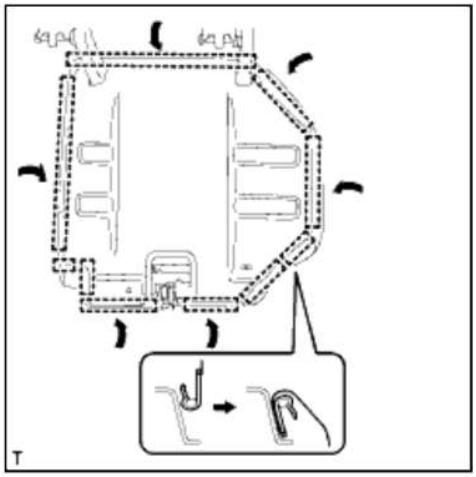
18. INSTALL SEAT CUSHION COVER WITH PAD

(a) Attach the hooks to install the seat cushion cover with pad.

(b) Connect the seat cushion band to the seat cushion cover.

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19. INSTALL REAR SEAT CUSHION UNDER COVER LH

(a) Attach the hooks to install the cover.

20. INSTALL REAR SEATBACK PROTECTOR

(a) Attach the 2 hooks to install the protector.

(b) Install the 2 screws.

21. INSTALL REAR SEAT CUSHION

(a) Install the 2 cushions with the 2 screws.

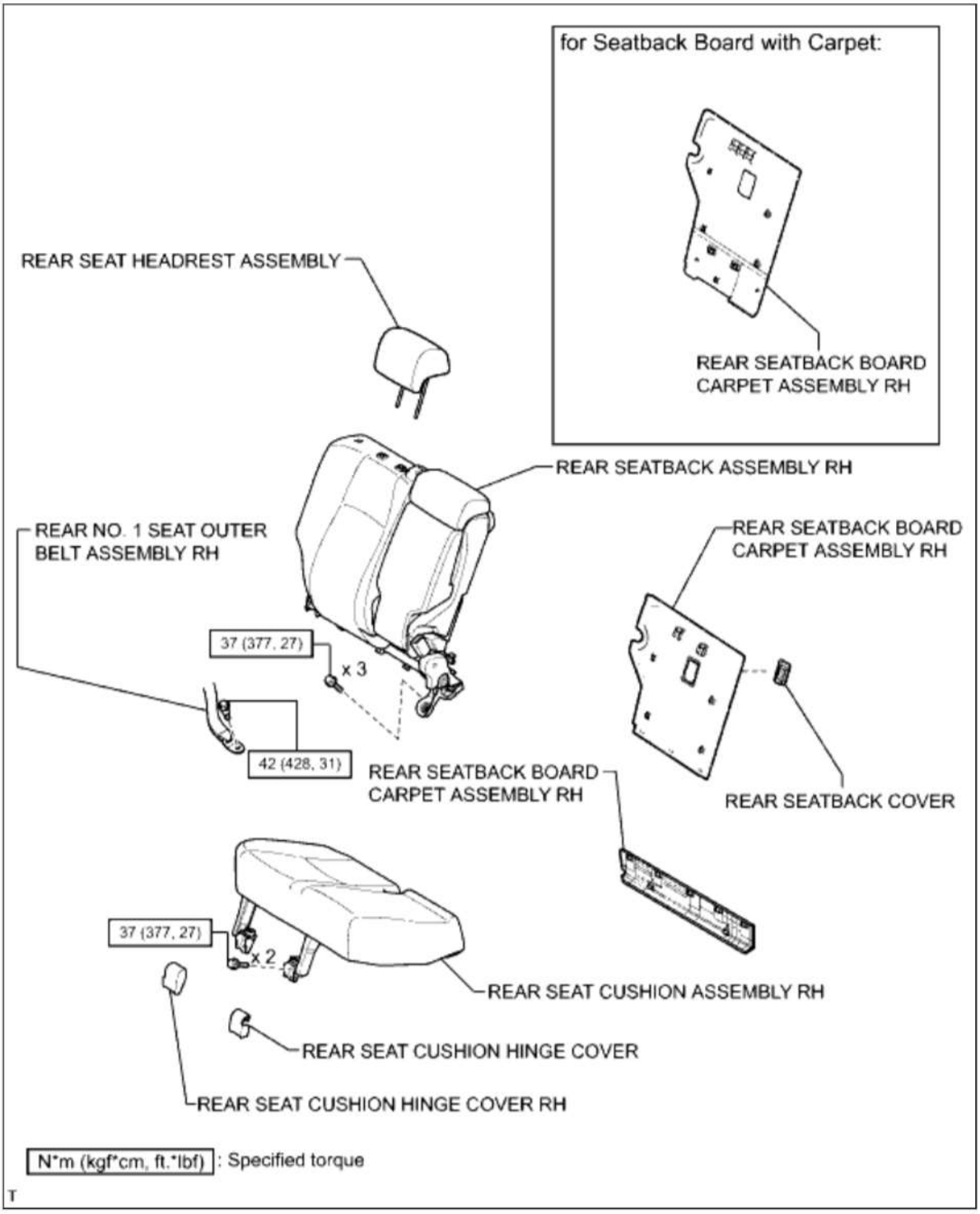
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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468T001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Double-folding Seat Type RH Side): COMPONENTS (2010 4Runner)		

COMPONENTS

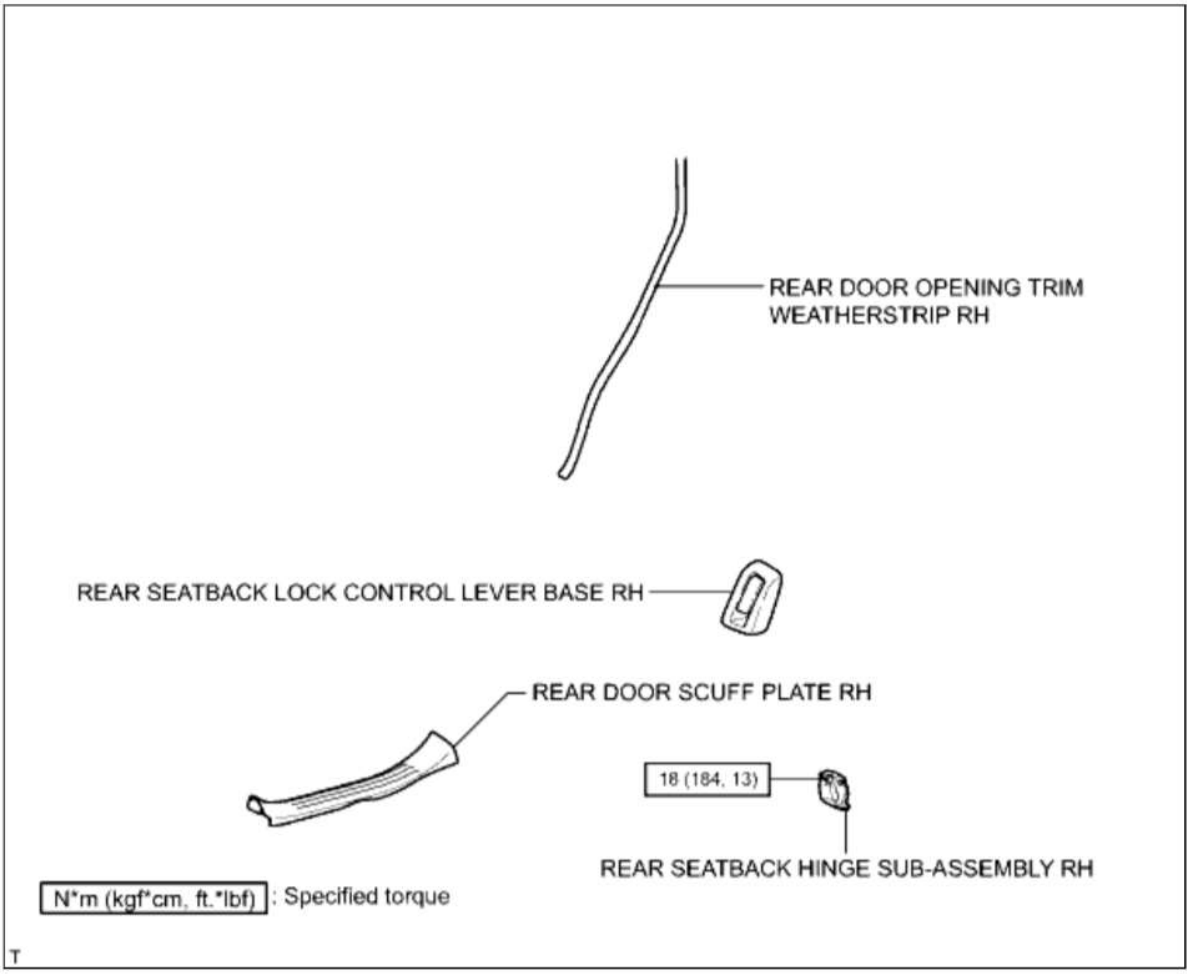
ILLUSTRATION

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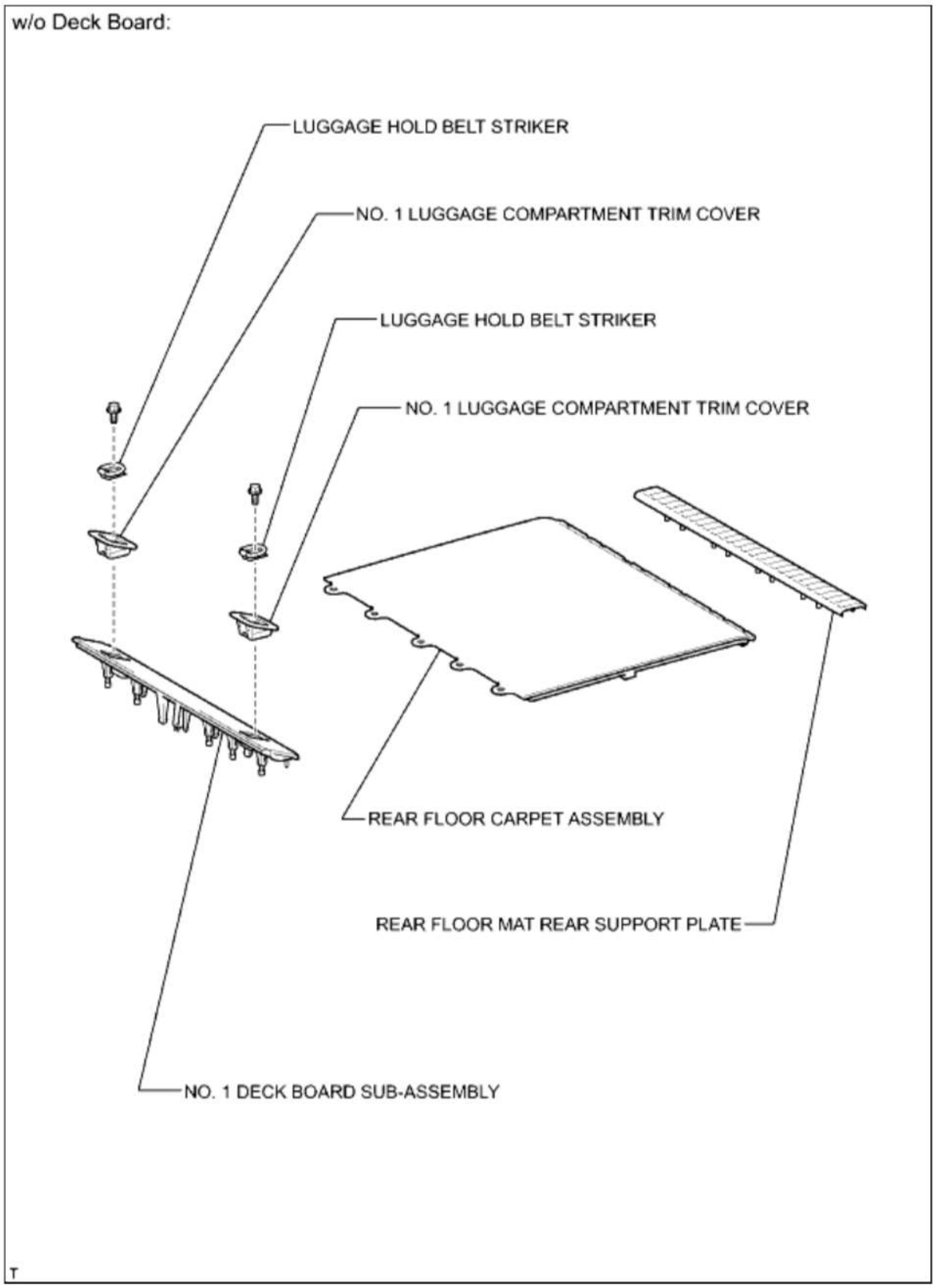
ILLUSTRATION

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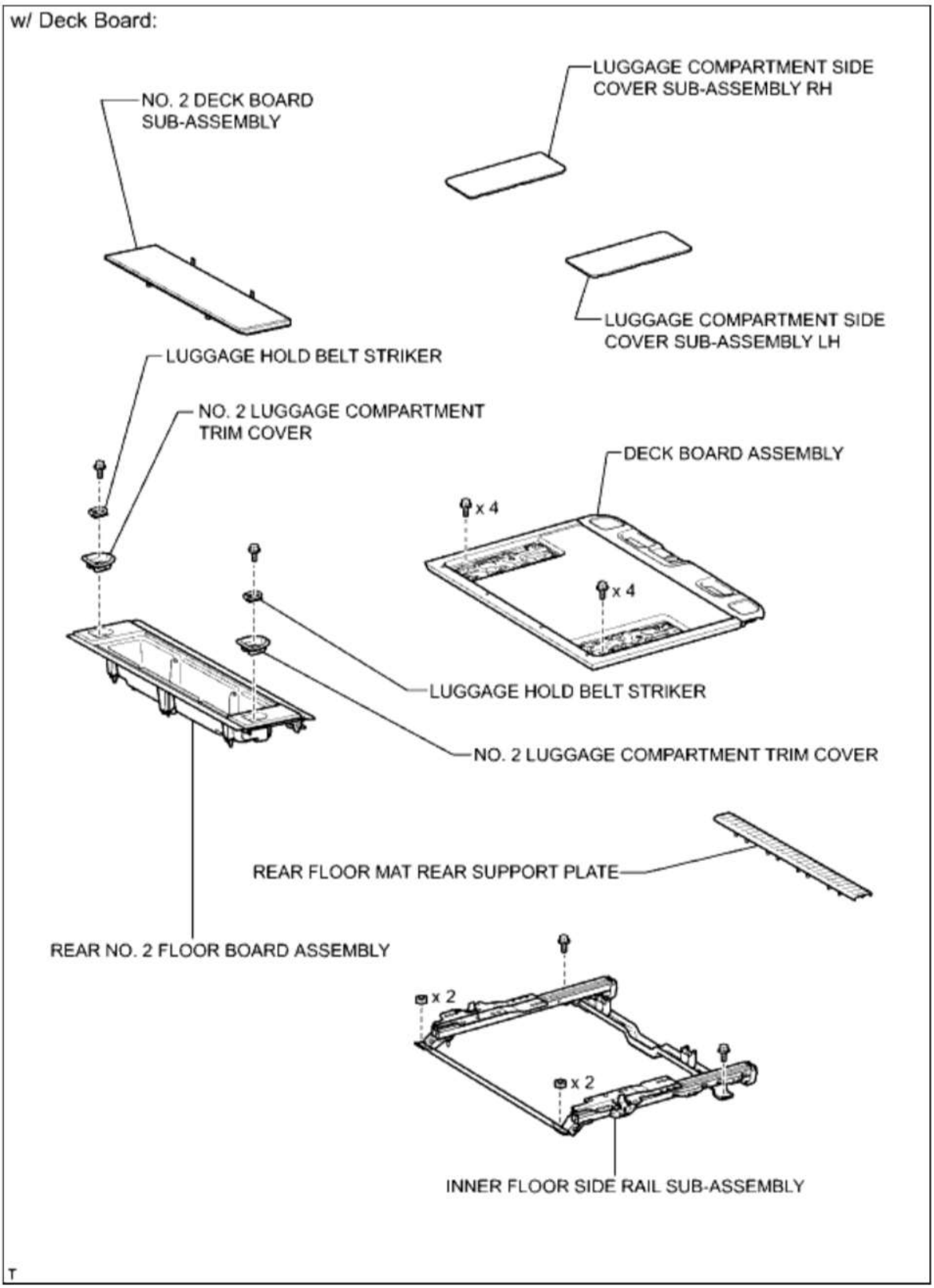
ILLUSTRATION

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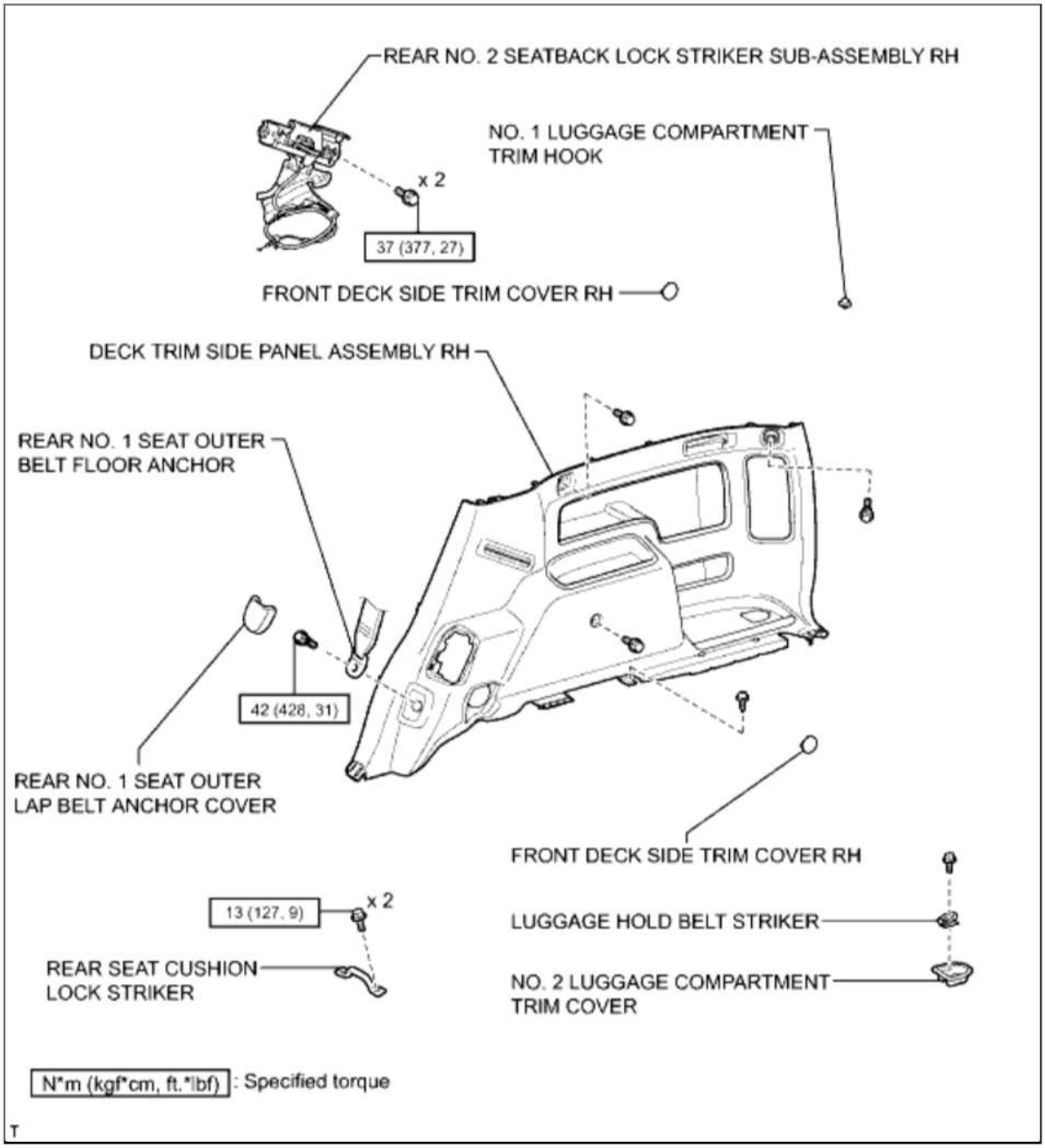
ILLUSTRATION

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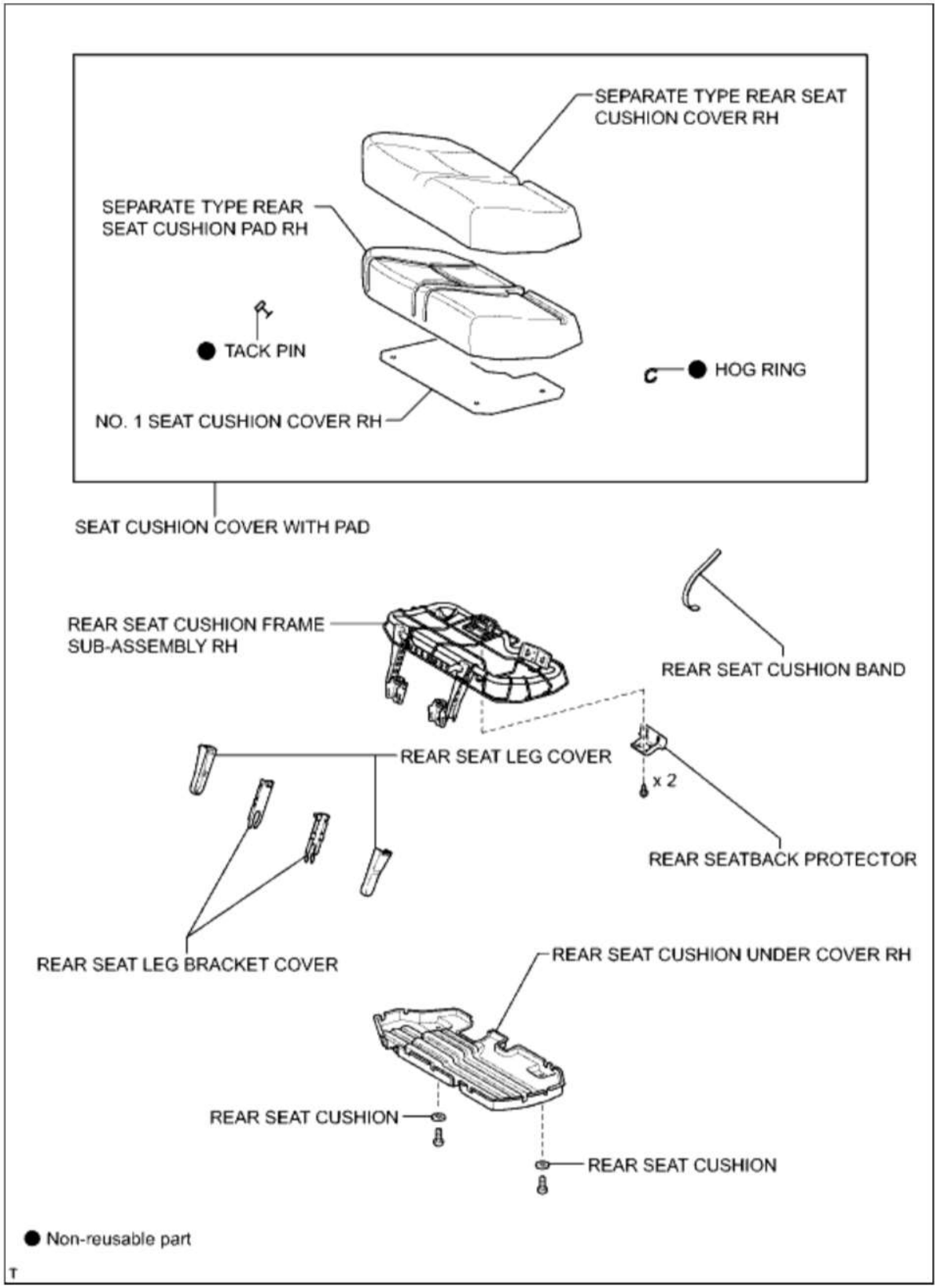
ILLUSTRATION

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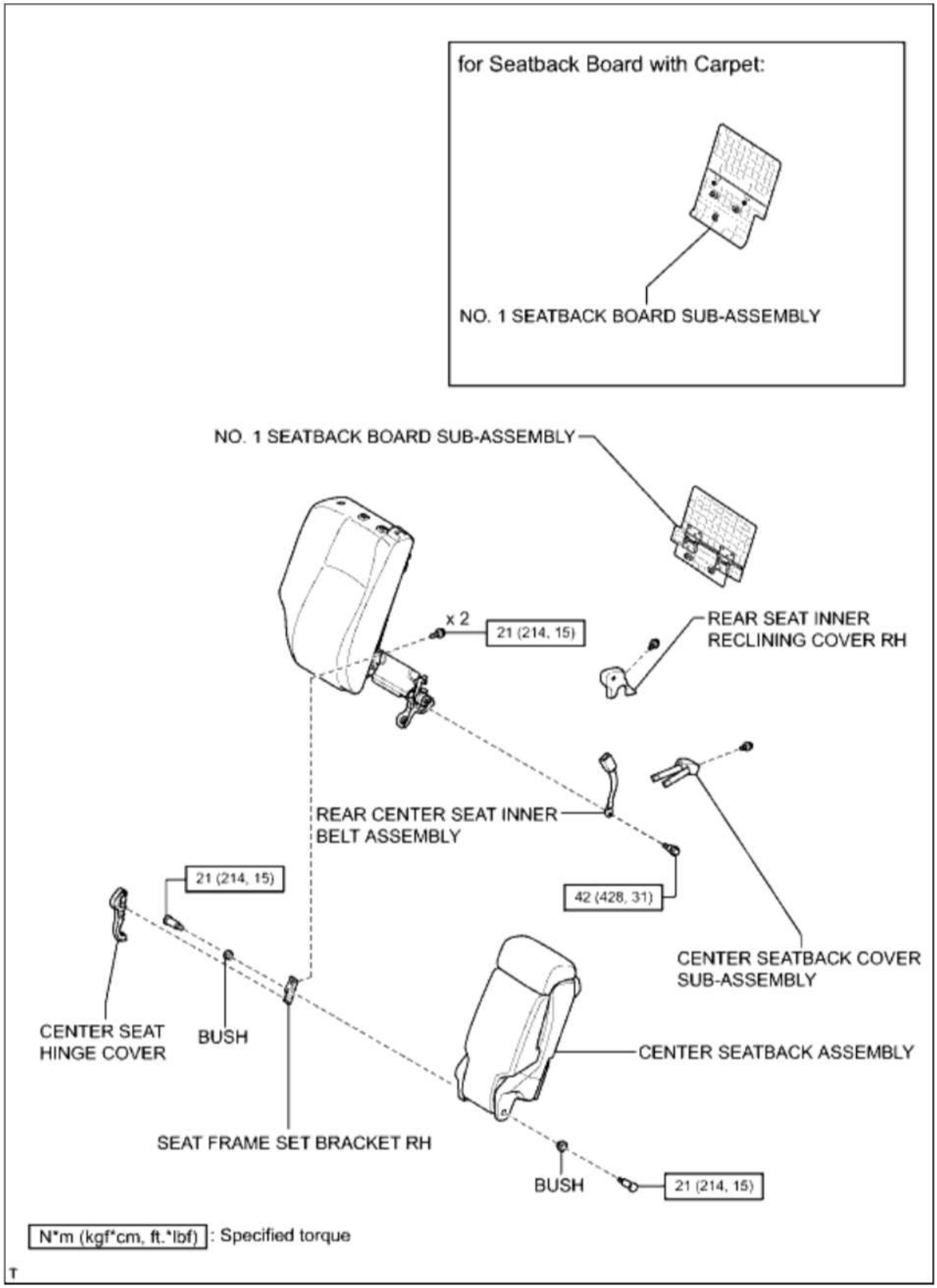
ILLUSTRATION

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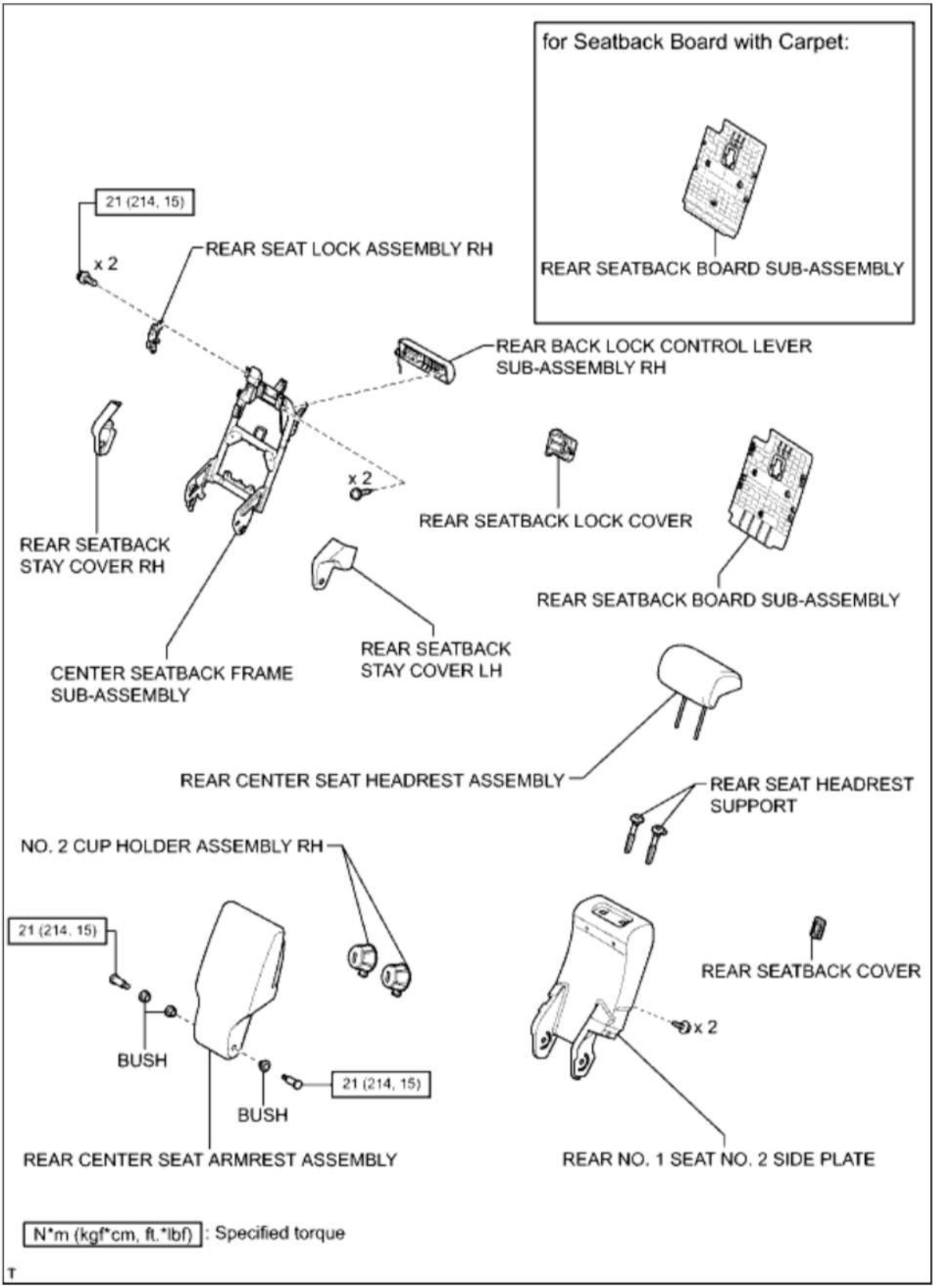
ILLUSTRATION

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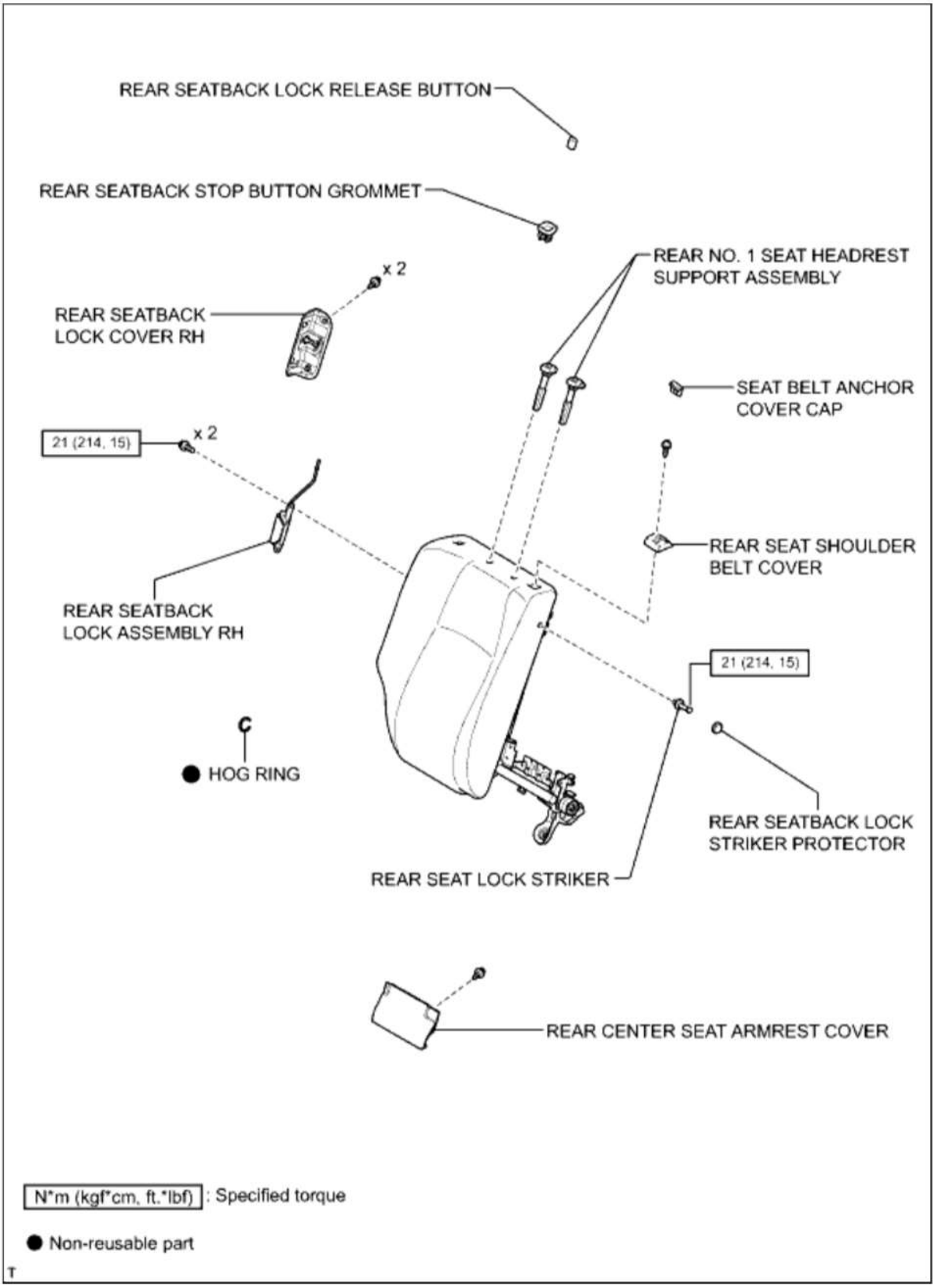
ILLUSTRATION

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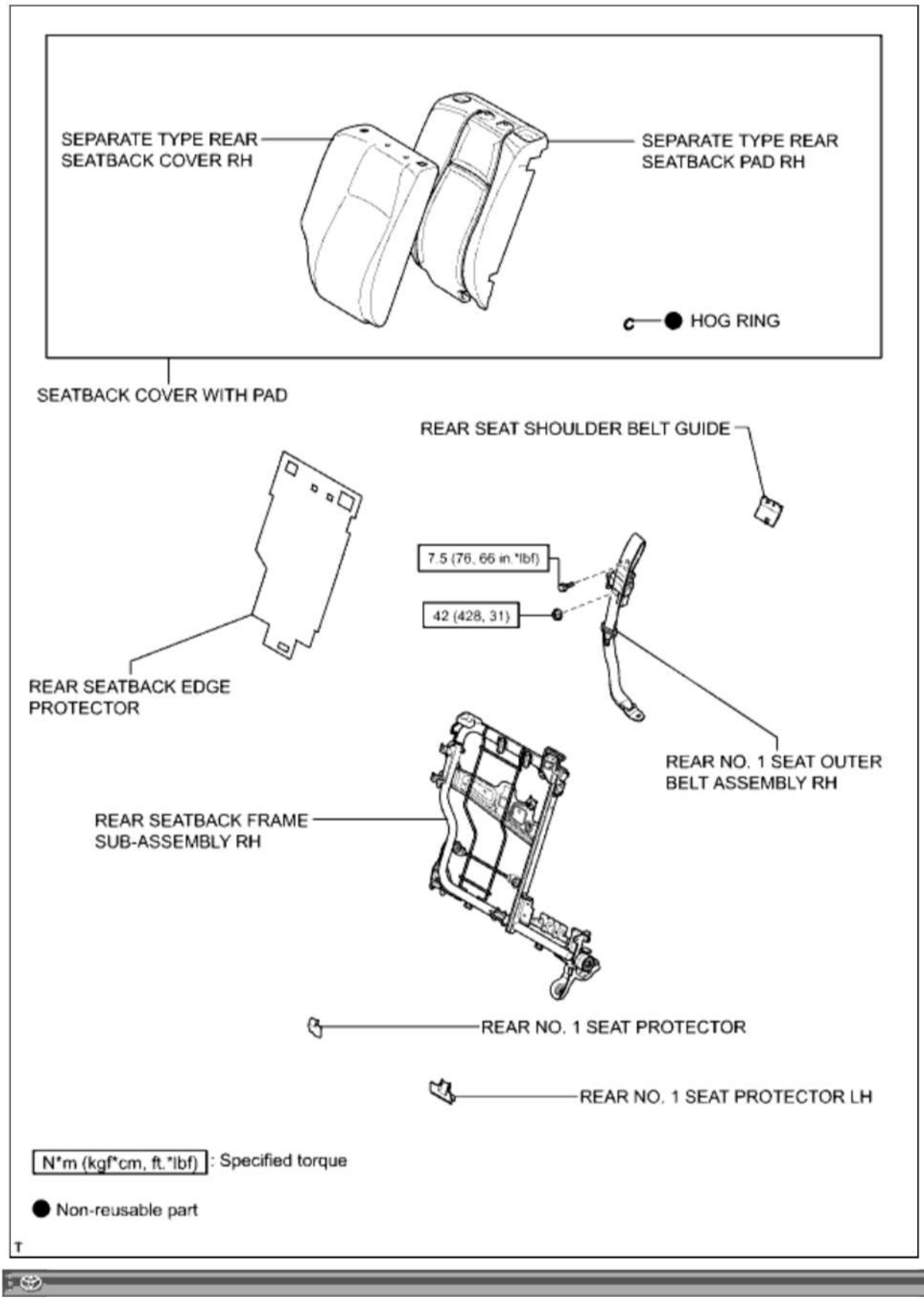
ILLUSTRATION

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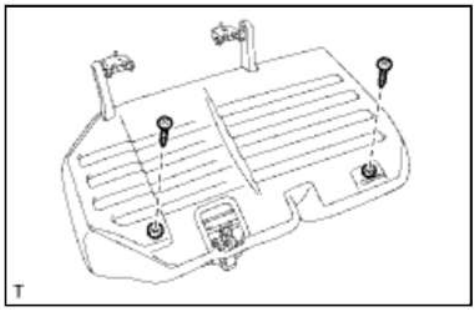
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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468V001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Double-folding Seat Type RH Side): DISASSEMBLY (2010 4Runner)		

DISASSEMBLY

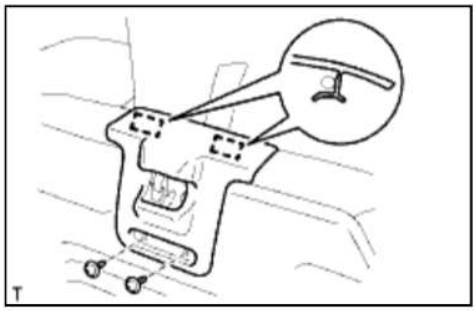
CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.



1. REMOVE REAR SEAT CUSHION

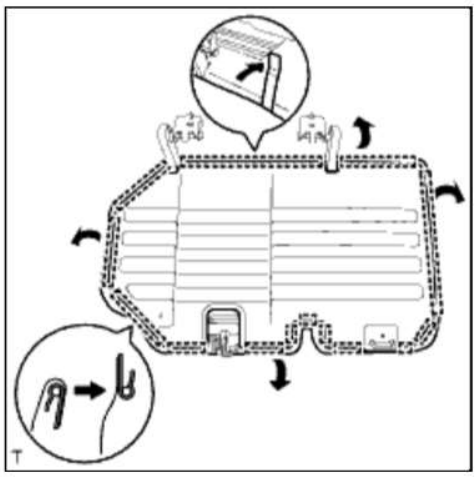
(a) Remove the 2 screws and 2 cushions.



2. REMOVE REAR SEATBACK PROTECTOR

(a) Remove the 2 screws.

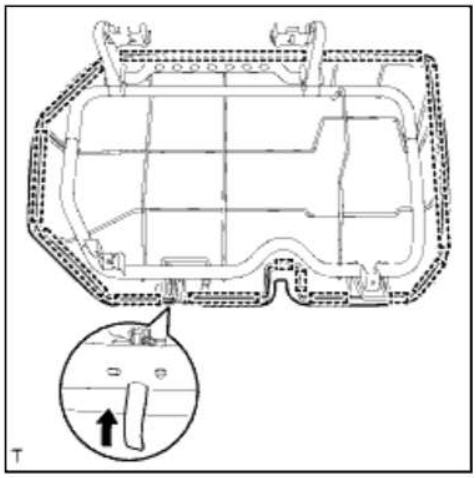
(b) Detach the 2 hooks and remove the protector.



3. REMOVE REAR SEAT CUSHION UNDER COVER RH

(a) Using a moulding remover, detach the hooks and remove the cover.

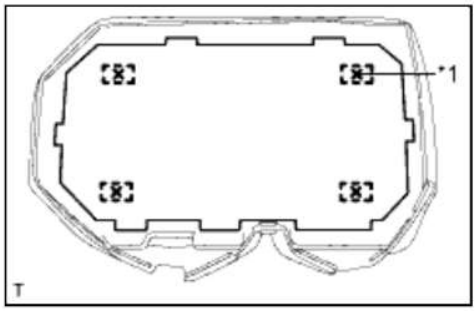
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4. REMOVE SEAT CUSHION COVER WITH PAD

(a) Disconnect the seat cushion band from the seat cushion cover.

(b) Detach the hooks and remove the seat cushion cover with pad.

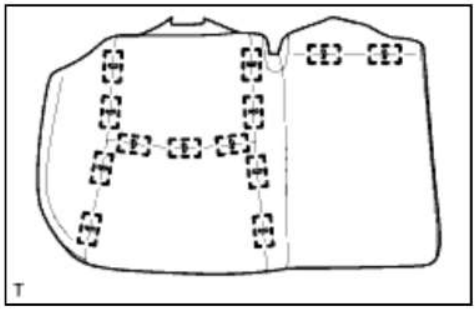


5. REMOVE NO. 1 SEAT CUSHION COVER RH

(a) Cut off the tack pins and remove the cover from the cushion pad.

Text in Illustration

*1	Tack Pin



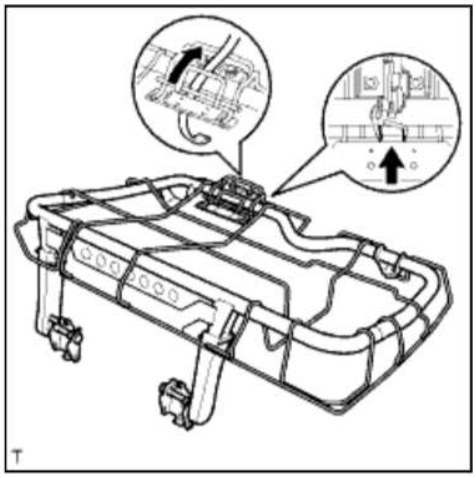
6. REMOVE SEPARATE TYPE REAR SEAT CUSHION COVER RH

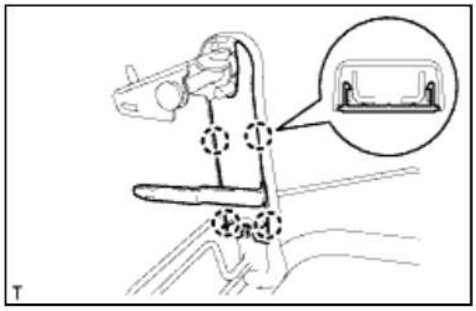
(a) Remove the hog rings and seat cushion cover from the seat cushion pad.

7. REMOVE REAR SEAT CUSHION BAND

(a) Remove the band as shown in the illustration.

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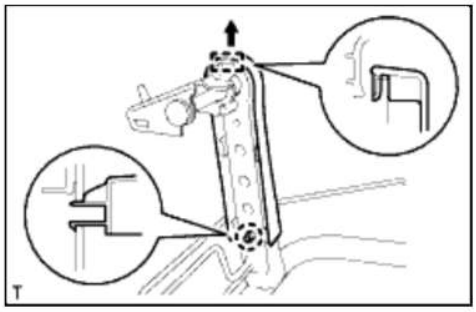


8. REMOVE REAR SEAT LEG BRACKET COVER

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

HINT:

Use the same procedure for both covers.

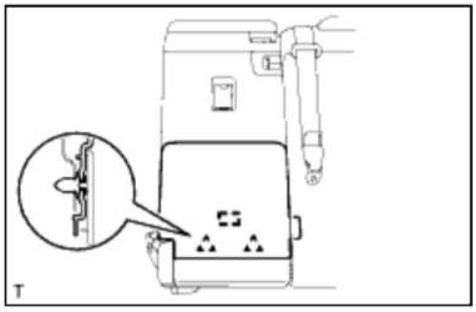


9. REMOVE REAR SEAT LEG COVER

(a) Detach the claw and guide, and then remove the cover.

HINT:

Use the same procedure for both covers.

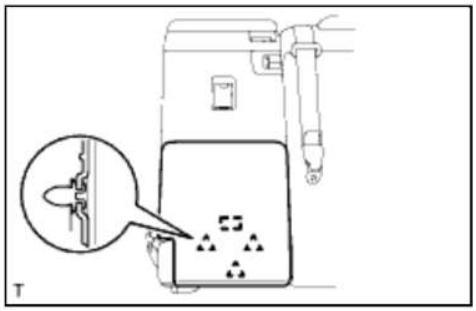


10. REMOVE NO. 1 SEATBACK BOARD SUB-ASSEMBLY (for Plastic Seatback Board)

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

(b) Detach the guide and remove the board.

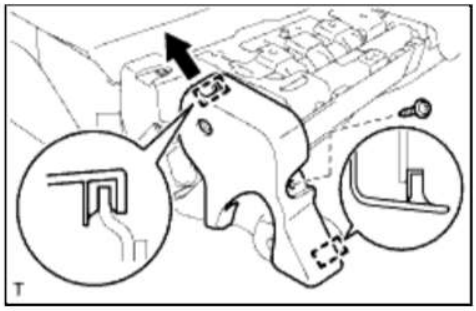
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11. REMOVE NO. 1 SEATBACK BOARD SUB-ASSEMBLY (for Seatback Board with Carpet)

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

(b) Detach the guide and remove the board.

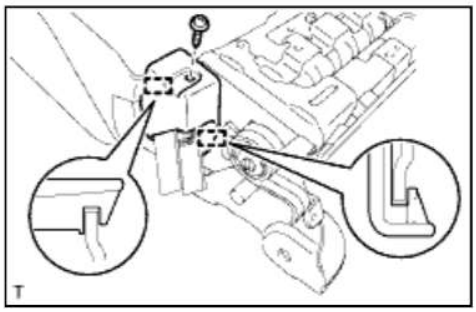


12. REMOVE REAR SEAT INNER RECLINING COVER RH

(a) Remove the screw.

(b) Detach the 2 guides and remove the cover.

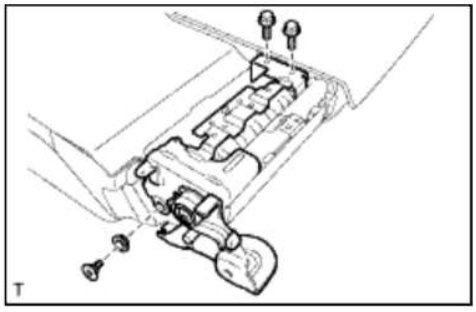
13. REMOVE REAR CENTER SEAT INNER BELT ASSEMBLY INFO



14. REMOVE CENTER SEATBACK COVER SUB-ASSEMBLY

(a) Remove the screw.

(b) Detach the 2 guides and remove the cover.



15. REMOVE CENTER SEATBACK ASSEMBLY

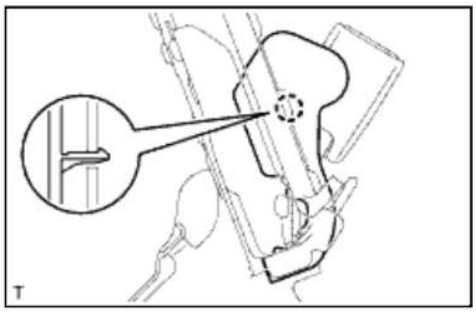
(a) Using a T45 "TORX" socket wrench, remove the "TORX" bolt and bush.

(b) Remove the 2 bolts and center seatback.

16. REMOVE REAR CENTER SEAT HEADREST ASSEMBLY

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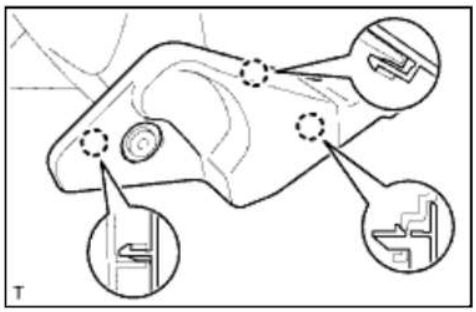
(a) Remove the headrest.



17. REMOVE CENTER SEAT HINGE COVER

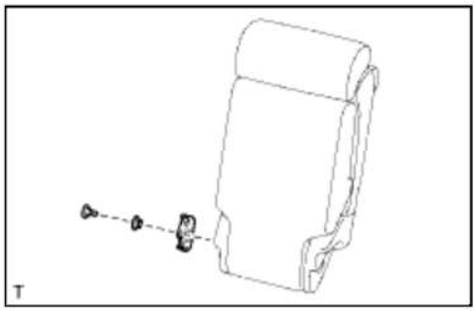
(a) Detach the claw and remove the cover.

18. REMOVE REAR SEATBACK STAY COVER LH



(a) Detach the 3 claws and remove the cover.

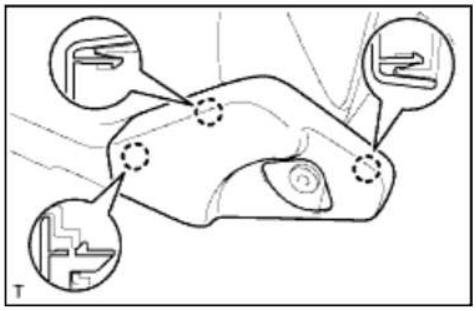
19. REMOVE REAR SEATBACK STAY COVER RH



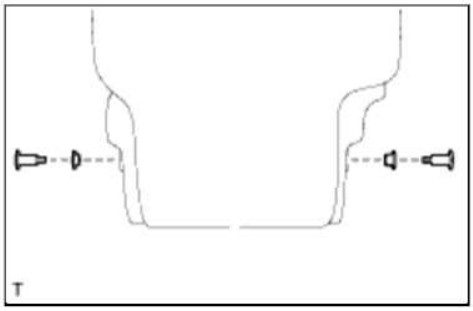
(a) Using a T45 "TORX" socket wrench, remove the "TORX" bolt, bush and hinge.

(b) Detach the 3 claws and remove the cover.

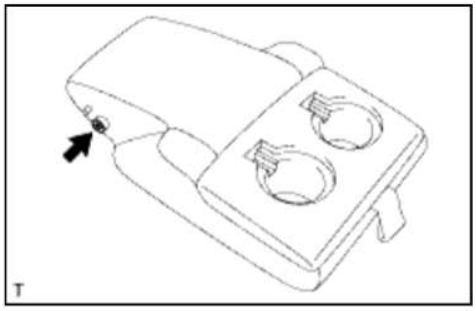
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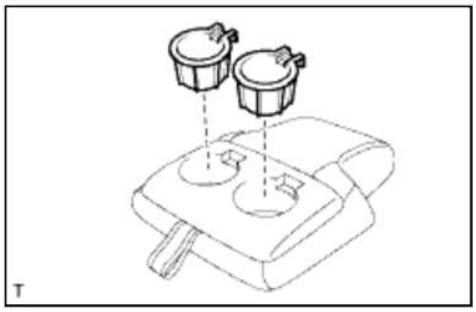
20. REMOVE REAR CENTER SEAT ARMREST ASSEMBLY



(a) Using a T45 "TORX" socket wrench, remove the 2 "TORX" bolts, 2 bushes and armrest.



(b) Remove the bush.

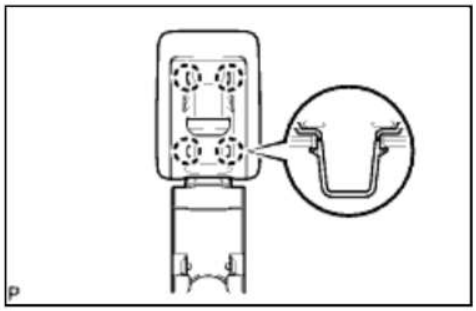


21. REMOVE NO. 2 CUP HOLDER ASSEMBLY RH

(a) Remove the 2 cup holders.

22. REMOVE REAR SEATBACK COVER

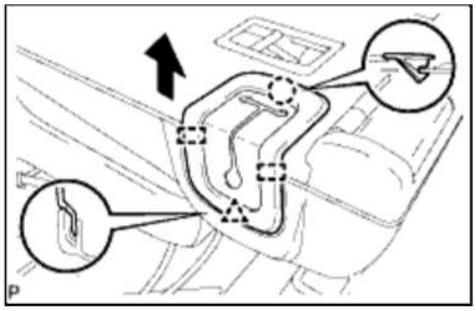
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(a) Using a screwdriver, detach the 4 claws and remove the cover.

HINT:

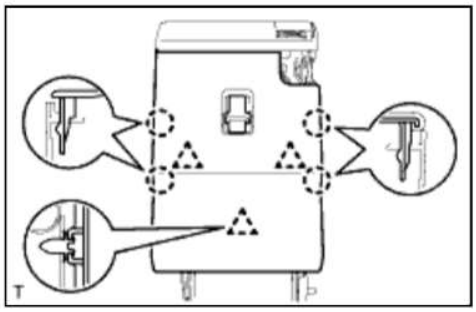
Tape the screwdriver tip before use.



23. REMOVE REAR SEATBACK LOCK COVER

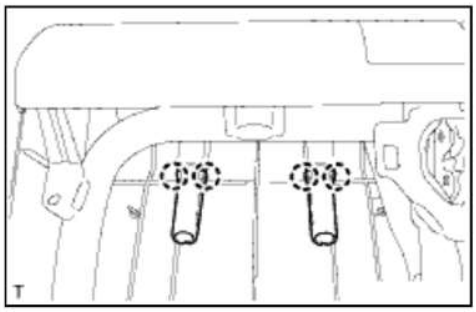
(a) Using a moulding remover, detach the claw.

(b) Move the cover in the direction of the arrow to detach the clip and 2 guides and remove the cover.



24. REMOVE REAR SEATBACK BOARD SUB-ASSEMBLY

(a) Detach the 4 claws and 3 clips, and then remove the board.

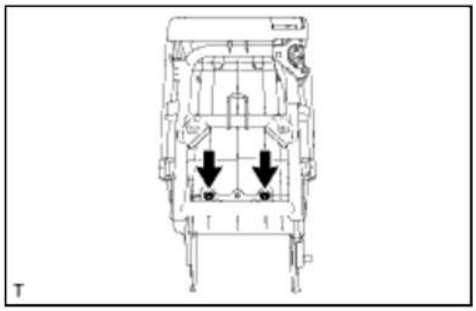


25. REMOVE REAR SEAT HEADREST SUPPORT

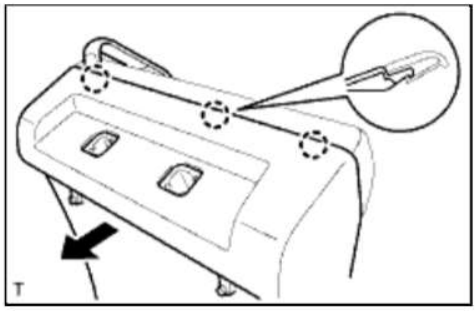
(a) Detach the 4 claws and remove the 2 supports.

26. REMOVE REAR NO. 1 SEAT NO. 2 SIDE PLATE

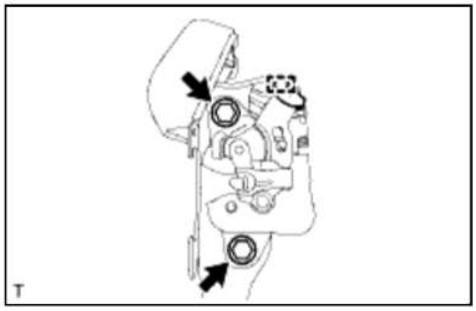
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(a) Remove the 2 screws.



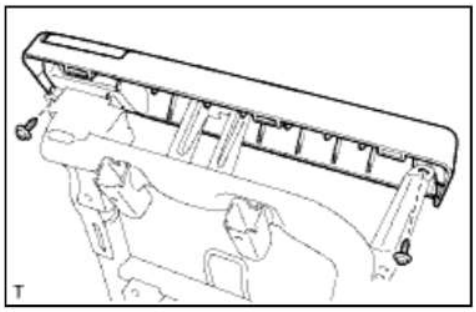
(b) Using a moulding remover, detach the 3 claws and remove the plate.



27. REMOVE REAR SEAT LOCK ASSEMBLY RH

(a) Detach the clamp and disconnect the wire.

(b) Remove the 2 bolts and lock.

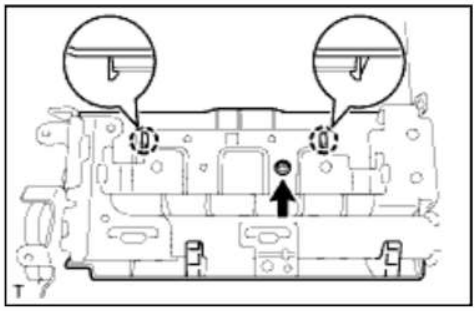


28. REMOVE REAR BACK LOCK CONTROL LEVER SUB-ASSEMBLY RH

(a) Remove the 2 screws and control lever.

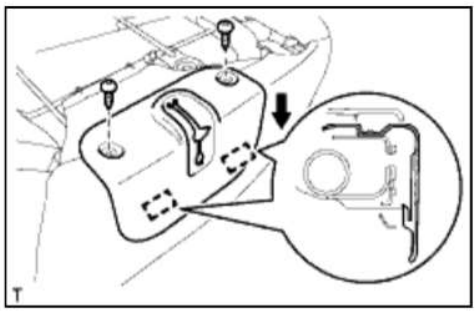
29. REMOVE REAR CENTER SEAT ARMREST COVER

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(a) Remove the screw.

(b) Detach the 2 claws and remove the cover.

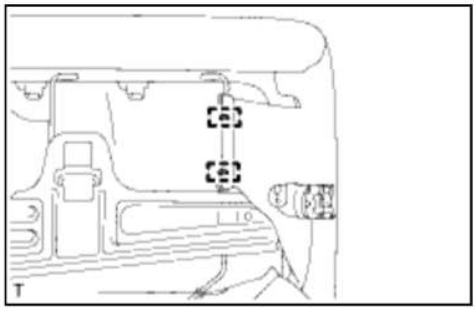


30. REMOVE REAR SEATBACK LOCK COVER RH

(a) Remove the 2 screws.

(b) Detach the 2 guides and remove the cover.

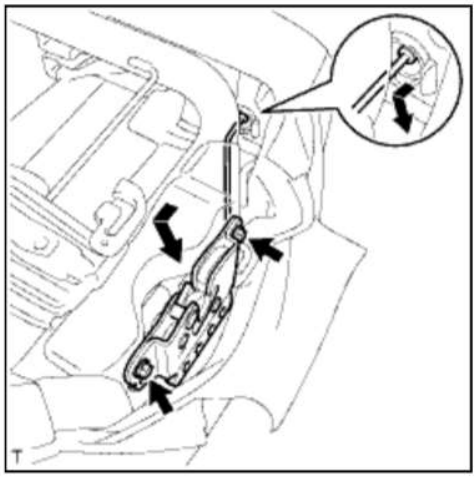
31. REMOVE REAR SEATBACK LOCK ASSEMBLY RH



(a) Remove the 2 hog rings.

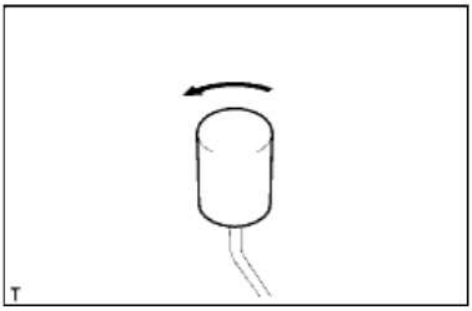
(b) Remove the 2 bolts.

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(c) While moving the release button in the direction of the arrow in the illustration, detach it from the grommet and remove the seatback lock.

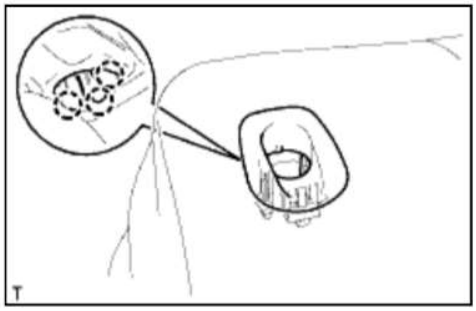
32. REMOVE REAR SEATBACK LOCK RELEASE BUTTON



(a) Remove the release button as shown in the illustration.

Text in Illustration

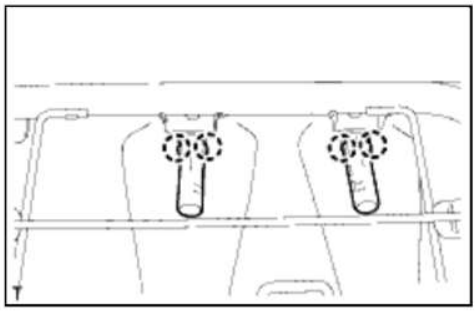
➡	Counterclockwise



33. REMOVE REAR SEATBACK STOP BUTTON GROMMET

(a) Detach the 3 claws and remove the grommet.

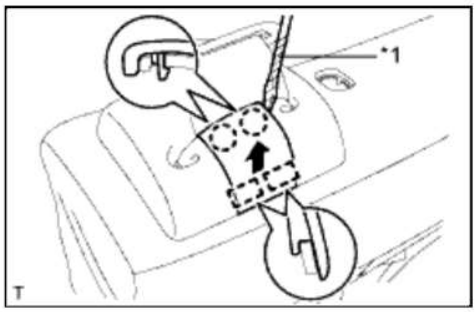
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34. REMOVE REAR NO. 1 SEAT HEADREST SUPPORT ASSEMBLY

(a) Detach the 4 claws and remove the 2 supports.

35. REMOVE SEAT BELT ANCHOR COVER CAP



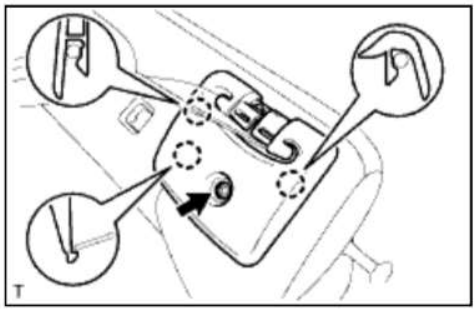
(a) Using a screwdriver, detach the 2 claws and 2 guides, and then remove the cap.

HINT:

Tape the screwdriver tip before use.

Text in Illustration

*1	Protective Tape

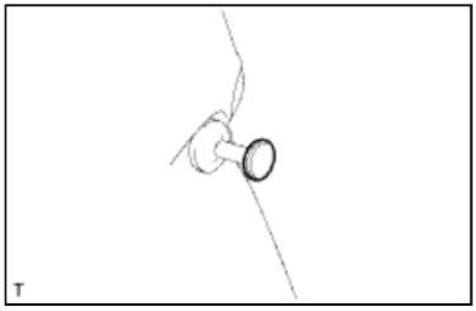


36. REMOVE REAR SEAT SHOULDER BELT COVER

(a) Remove the screw.

(b) Detach the 3 claws and remove the cover.

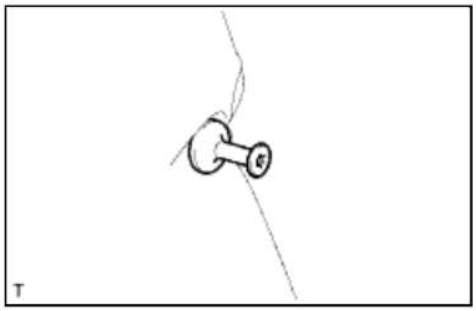
(c) Disconnect the outer belt from the cover.



37. REMOVE REAR SEATBACK LOCK STRIKER PROTECTOR

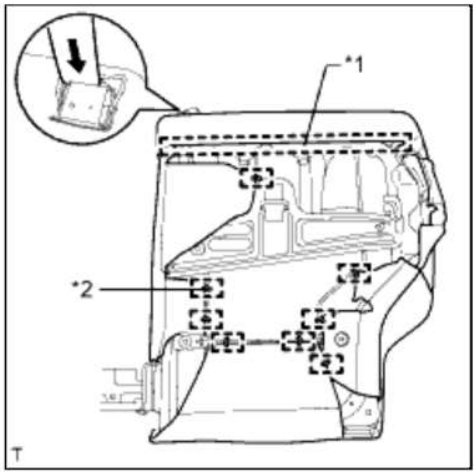
(a) Remove the protector from the striker.

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38. REMOVE REAR SEAT LOCK STRIKER

(a) Using a T45 "TORX" socket wrench, remove the striker.



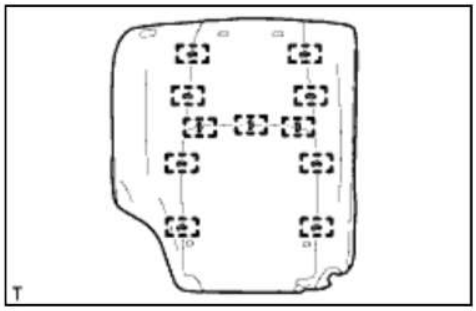
39. REMOVE SEATBACK COVER WITH PAD

(a) Remove the hog rings, detach the hook, and then remove the seatback cover with pad.

Text in Illustration

*1	Hook
*2	Hog Ring

(b) Disconnect the outer belt from the seatback cover with pad.



40. REMOVE SEPARATE TYPE REAR SEATBACK COVER RH

(a) Remove the hog rings and cover from the seatback pad.

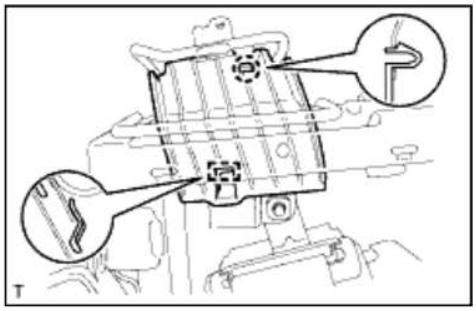
41. REMOVE REAR SEATBACK EDGE PROTECTOR

(a) Remove the protector from the seatback frame.

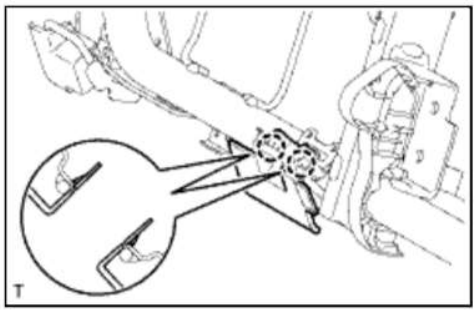
42. REMOVE REAR SEAT SHOULDER BELT GUIDE

(a) Detach the claw and guide, and then remove the belt guide.

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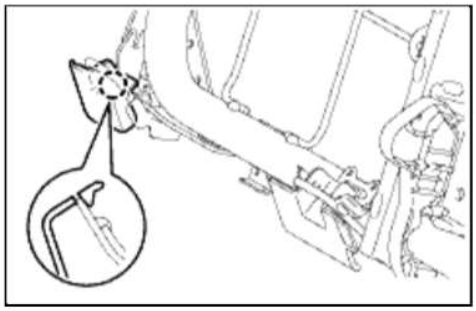


43. REMOVE REAR NO. 1 SEAT OUTER BELT ASSEMBLY RH INFO



44. REMOVE REAR NO. 1 SEAT PROTECTOR LH

(a) Detach the 2 claws and remove the protector.



45. REMOVE REAR NO. 1 SEAT PROTECTOR

(a) Detach the claw and remove the protector.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468N001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Double-folding Seat Type LH Side): INSTALLATION (2010 4Runner)		

INSTALLATION

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

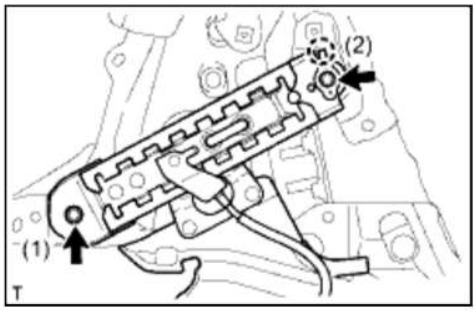
HINT:

A bolt without a torque specification is shown in the standard bolt chart INFO .

1. INSTALL REAR SEAT CUSHION LOCK STRIKER

(a) Install the striker with the 2 bolts.

Torque: 13 N·m (127 kgf·cm, 9ft·lbf)



2. INSTALL REAR NO. 2 SEATBACK LOCK STRIKER SUB-ASSEMBLY LH

(a) Attach the claw and install the striker with the 2 bolts.

(b) Tighten the bolts in the order indicated in the illustration.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

3. INSTALL DECK TRIM SIDE PANEL ASSEMBLY LH INFO

4. INSTALL NO. 1 LUGGAGE COMPARTMENT TRIM COVER INFO

5. INSTALL FRONT DECK SIDE TRIM COVER LH INFO

6. INSTALL NO. 1 LUGGAGE COMPARTMENT TRIM HOOK INFO

7. INSTALL REAR NO. 1 SEAT OUTER LAP BELT ANCHOR COVER INFO

8. INSTALL REAR FLOOR CARPET ASSEMBLY (w/o Deck Board) INFO

9. INSTALL REAR FLOOR MAT REAR SUPPORT PLATE INFO

10. INSTALL INNER FLOOR SIDE RAIL SUB-ASSEMBLY (w/ Deck Board) INFO

11. INSTALL DECK BOARD ASSEMBLY (w/ Deck Board) INFO

12. INSTALL LUGGAGE COMPARTMENT SIDE COVER SUB-ASSEMBLY LH (w/ Deck Board) INFO

13. INSTALL LUGGAGE COMPARTMENT SIDE COVER SUB-ASSEMBLY RH (w/ Deck Board)

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INFO

14. INSTALL REAR NO. 2 FLOOR BOARD ASSEMBLY (w/ Deck Board) INFO

15. INSTALL NO. 2 DECK BOARD SUB-ASSEMBLY (w/ Deck Board) INFO

16. INSTALL NO. 2 LUGGAGE COMPARTMENT TRIM COVER (w/ Deck Board, w/o Rear No. 2 Seat) INFO

17. INSTALL NO. 1 DECK BOARD SUB-ASSEMBLY (w/o Deck Board) INFO

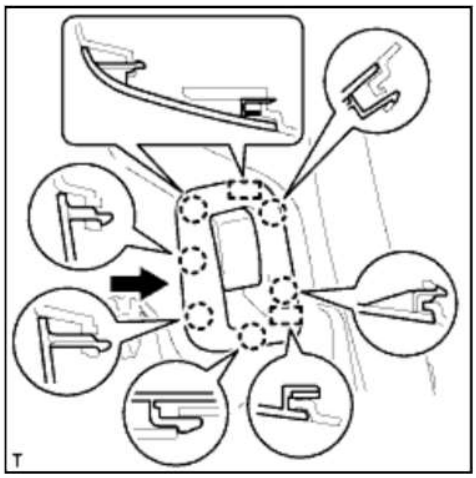
18. INSTALL NO. 1 LUGGAGE COMPARTMENT TRIM COVER (w/o Deck Board) INFO

19. INSTALL REAR DOOR OPENING TRIM WEATHERSTRIP LH INFO

20. INSTALL REAR DOOR SCUFF PLATE LH INFO

21. INSTALL REAR SEATBACK LOCK CONTROL LEVER BASE LH

(a) Attach the cable clamp to connect the cable.



(b) Move the cover in the direction of the arrow to attach the 2 guides.

(c) Attach the 6 claws to install the lever base.

22. INSTALL REAR SEATBACK HINGE SUB-ASSEMBLY LH

(a) Install the hinge with the bolt.

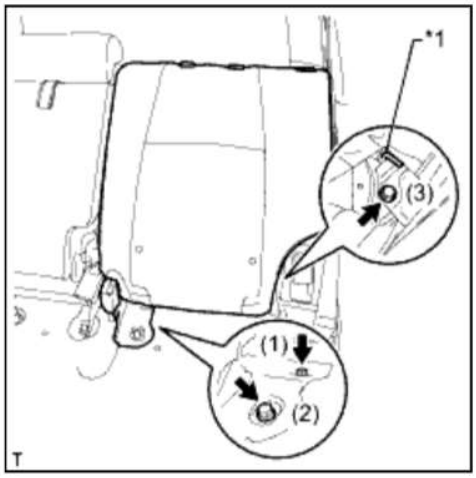
Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

23. INSTALL REAR SEATBACK ASSEMBLY LH

(a) Fold down the seatback, set the seatback positioning wire on the hinge, and then temporarily install the bolt to the hinge.

Text in Illustration

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*1	Positioning Wire

NOTICE:

Be careful not to damage the vehicle body.

(b) Restore the seatback to the upright position and temporarily install the seatback with the 2 bolts.

(c) Tighten the bolts in the order indicated in the illustration.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

24. INSTALL REAR SEATBACK BOARD CARPET ASSEMBLY LH

(a) for Plastic Seatback Board:

(1) Attach the 2 claws and 4 clips to install the carpet.

(2) Attach the 3 claws and clip to install the carpet.

(b) for Seatback Board with Carpet:

Attach the 4 claws and 5 clips to install the carpet.

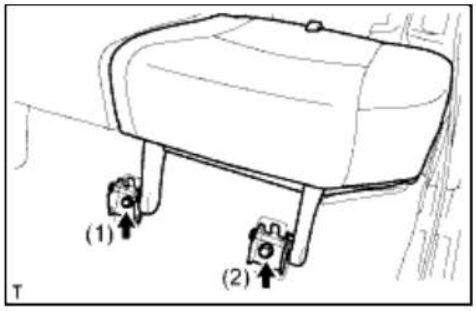
25. INSTALL REAR SEATBACK COVER

(a) Attach the 4 claws to install the cover.

(b) Restore the seatback to the upright position and lock it.

26. INSTALL REAR SEAT HEADREST ASSEMBLY

(a) Install the headrest.



27. INSTALL REAR SEAT CUSHION ASSEMBLY LH

(a) Temporarily install the seat cushion with the 2 bolts.

(b) Tighten the bolts in the order indicated in the illustration.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

(c) Lock the seat cushion.

28. INSTALL REAR SEAT CUSHION HINGE COVER LH

(a) Attach the 3 claws to install the cover.

29. INSTALL REAR SEAT CUSHION HINGE COVER

(a) Attach the 3 claws to install the cover.

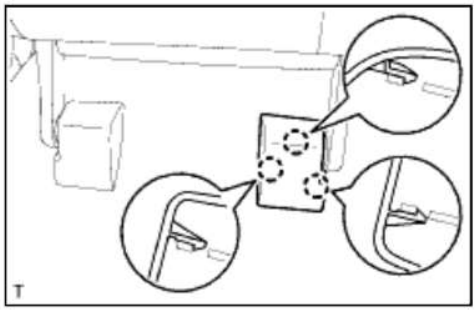
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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000046 8U001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Double-folding Seat Type RH Side): REMOVAL (2010 4Runner)		

REMOVAL

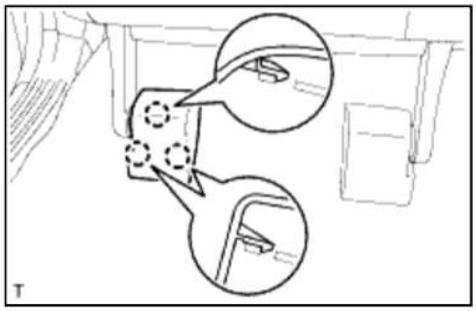
CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.



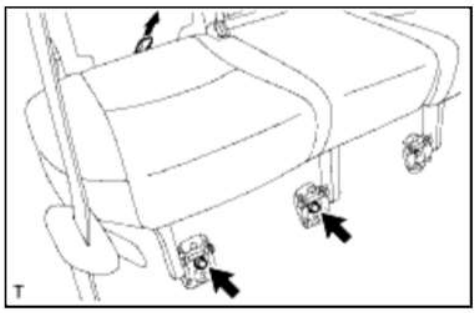
1. REMOVE REAR SEAT CUSHION HINGE COVER

(a) Using a moulding remover, detach the 3 claws and remove the cover.



2. REMOVE REAR SEAT CUSHION HINGE COVER RH

(a) Using a moulding remover, detach the 3 claws and remove the cover.



3. REMOVE REAR SEAT CUSHION ASSEMBLY RH

(a) Pull the rear seat cushion band and release the lock.

(b) Remove the 2 bolts and seat cushion.

NOTICE:

Be careful not to damage the vehicle body.

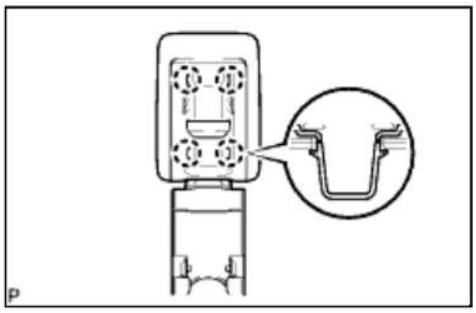
4. REMOVE REAR SEAT HEADREST ASSEMBLY

(a) Remove the headrest.

5. REMOVE REAR SEATBACK COVER

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(a) Press the seatback lock release button to release the lock and fold down the seatback.



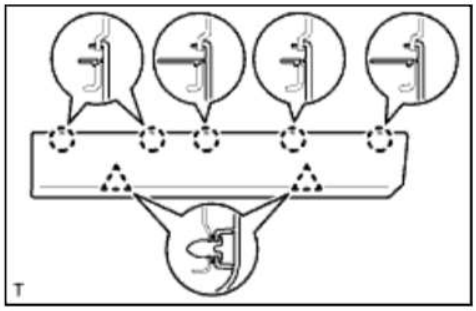
(b) Using a screwdriver, detach the 4 claws and remove the cover.

HINT:

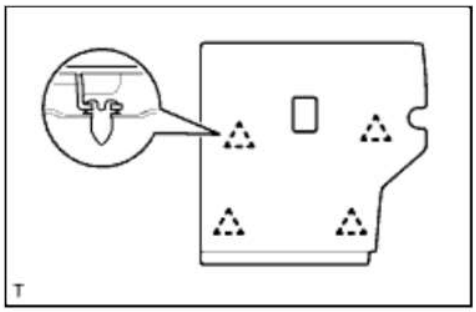
Tape the screwdriver tip before use.

6. REMOVE REAR SEATBACK BOARD CARPET ASSEMBLY RH

(a) for Plastic Seatback Board:



(1) Detach the 5 claws and 2 clips, and then remove the carpet.



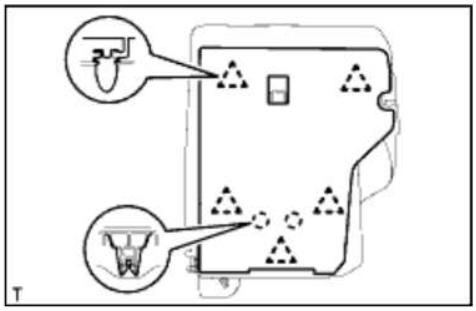
(2) Using a clip remover, detach the 4 clips and remove the carpet.

(b) for Seatback Board with Carpet:

(1) Using a clip remover, detach the 5 clips.

(2) Detach the 2 claws and remove the carpet.

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7. REMOVE REAR SEATBACK ASSEMBLY RH

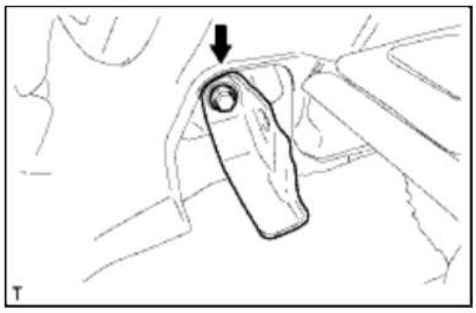
(a) Remove the bolt and detach the 2 claws, and then disconnect the outer belt.

(b) Remove the 2 bolts that secure the seatback to the floor.

(c) Fold down the seatback, remove the bolt from the hinge, and then remove the seatback.

NOTICE:

Be careful not to damage the vehicle body.

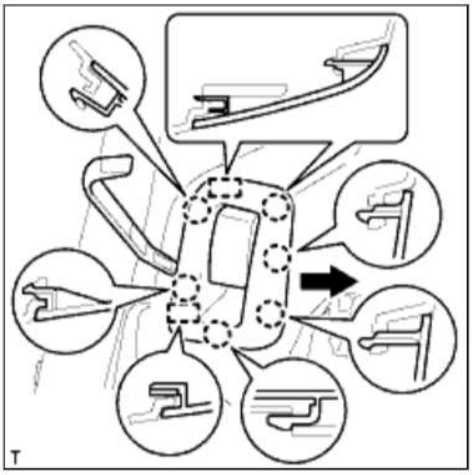


8. REMOVE REAR SEATBACK HINGE SUB-ASSEMBLY RH

(a) Remove the bolt and hinge.

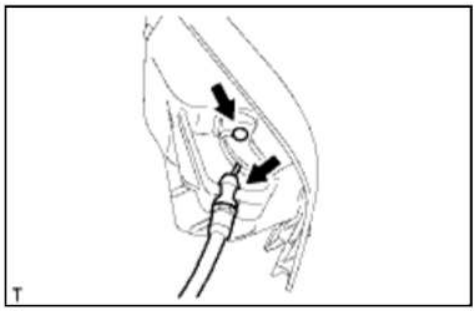
9. REMOVE REAR SEATBACK LOCK CONTROL LEVER BASE RH

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(a) Using a moulding remover, detach the 6 claws.

(b) Move the cover in the direction of the arrow to detach the 2 guides and remove the lever base.



(c) Detach the cable clamp and disconnect the cable.

10. REMOVE REAR DOOR SCUFF PLATE RH INFO

11. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP RH INFO

12. REMOVE NO. 1 LUGGAGE COMPARTMENT TRIM COVER (w/o Deck Board) INFO

13. REMOVE NO. 1 DECK BOARD SUB-ASSEMBLY (w/o Deck Board) INFO

14. REMOVE NO. 2 LUGGAGE COMPARTMENT TRIM COVER (w/ Deck Board, w/o Rear No. 2 Seat) INFO

15. REMOVE NO. 2 DECK BOARD SUB-ASSEMBLY (w/ Deck Board) INFO

16. REMOVE REAR NO. 2 FLOOR BOARD ASSEMBLY (w/ Deck Board) INFO

17. REMOVE LUGGAGE COMPARTMENT SIDE COVER SUB-ASSEMBLY LH (w/ Deck Board) INFO

18. REMOVE LUGGAGE COMPARTMENT SIDE COVER SUB-ASSEMBLY RH (w/ Deck Board) INFO

19. REMOVE DECK BOARD ASSEMBLY (w/ Deck Board) INFO

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20. REMOVE INNER FLOOR SIDE RAIL SUB-ASSEMBLY INFO

21. REMOVE REAR FLOOR MAT REAR SUPPORT PLATE INFO

22. REMOVE REAR FLOOR CARPET ASSEMBLY (w/o Deck Board) INFO

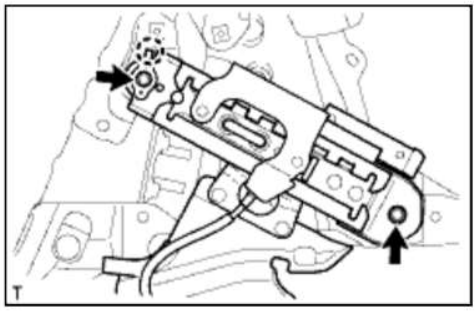
23. REMOVE REAR NO. 1 SEAT OUTER LAP BELT ANCHOR COVER INFO

24. REMOVE NO. 1 LUGGAGE COMPARTMENT TRIM HOOK INFO

25. REMOVE FRONT DECK SIDE TRIM COVER RH INFO

26. REMOVE NO. 1 LUGGAGE COMPARTMENT TRIM COVER INFO

27. REMOVE DECK TRIM SIDE PANEL ASSEMBLY RH INFO



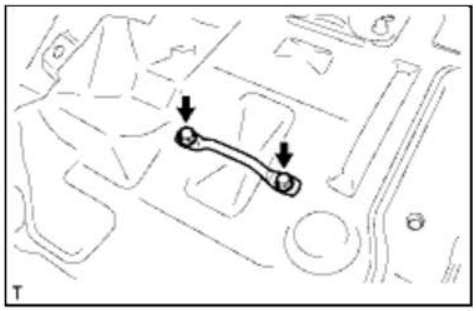
28. REMOVE REAR NO. 2 SEATBACK LOCK STRIKER SUB-ASSEMBLY RH

(a) Remove the 2 bolts.

(b) Detach the claw and remove the striker.

NOTICE:

Do not wipe off the grease on the sliding portion of the striker.



29. REMOVE REAR SEAT CUSHION LOCK STRIKER

(a) Remove the 2 bolts and striker.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468W001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Double-folding Seat Type RH Side): REASSEMBLY (2010 4Runner)		

REASSEMBLY

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

1. INSTALL REAR NO. 1 SEAT PROTECTOR

(a) Attach the claw to install the protector.

2. INSTALL REAR NO. 1 SEAT PROTECTOR LH

(a) Attach the 2 claws to install the protector.

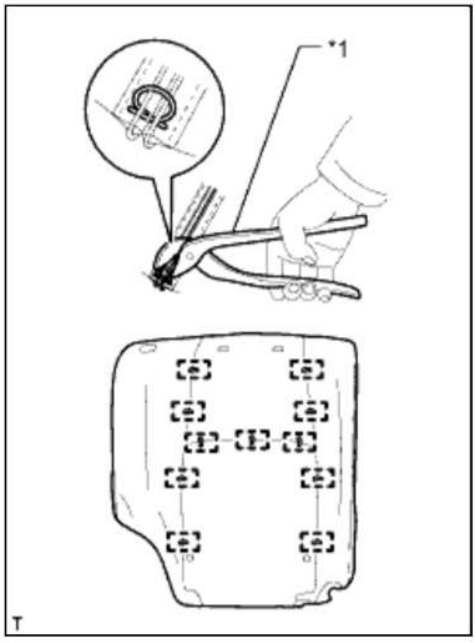
3. INSTALL REAR NO. 1 SEAT OUTER BELT ASSEMBLY RH

4. INSTALL REAR SEAT SHOULDER BELT GUIDE

(a) Attach the guide and claw to install the belt guide.

5. INSTALL REAR SEATBACK EDGE PROTECTOR

(a) Install the protector to the seatback frame.



6. INSTALL SEPARATE TYPE REAR SEATBACK COVER RH

(a) Using hog ring pliers, install the seatback cover to the seatback pad with new hog rings.

Text in Illustration

*1	Hog Ring Pliers

NOTICE:

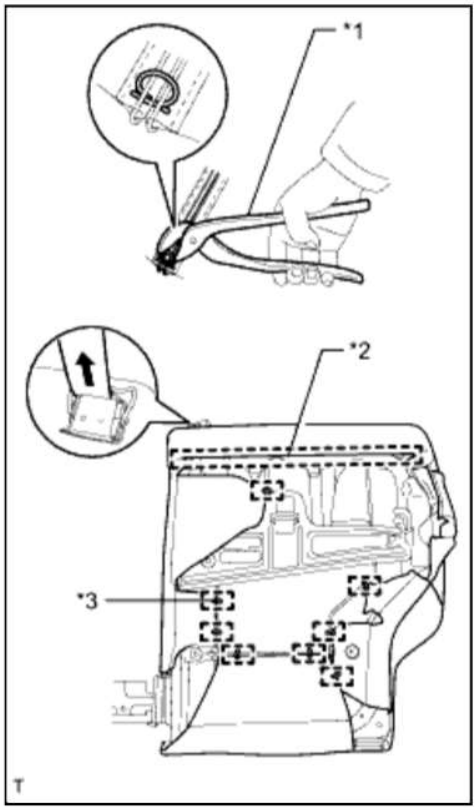
- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

7. INSTALL SEATBACK COVER WITH PAD

(a) Connect the outer belt to the seatback cover with pad.

(b) Attach the hook.

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Text in Illustration

*1	Hog Ring Pliers
*2	Hook
*3	Hog Ring

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

8. INSTALL REAR SEAT LOCK STRIKER

(a) Using a T45 "TORX" socket wrench, install the striker.

Torque: 21 N·m (214 kgf·cm, 15ft·lbf)

9. INSTALL REAR SEATBACK LOCK STRIKER PROTECTOR

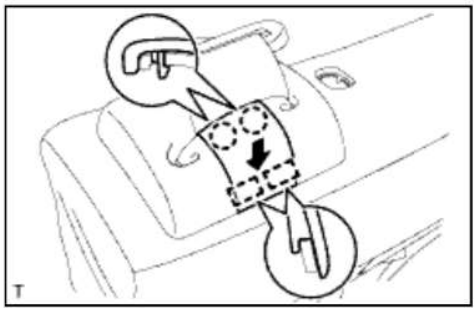
(a) Install the protector to the striker.

10. INSTALL REAR SEAT SHOULDER BELT COVER

(a) Connect the outer belt to the cover.

(b) Attach the 3 claws to install the cover.

(c) Install the screw.



11. INSTALL SEAT BELT ANCHOR COVER CAP

(a) Attach the 2 guides and 2 claws to install the cap.

12. INSTALL REAR NO. 1 SEAT HEADREST SUPPORT ASSEMBLY

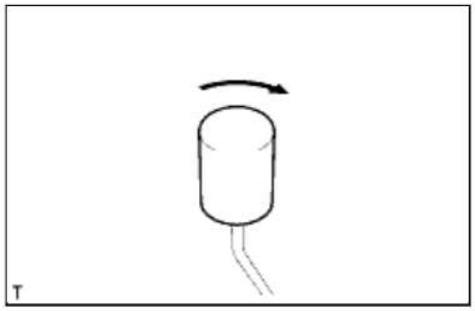
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(a) Attach the 4 claws to install the 2 supports.

13. INSTALL REAR SEATBACK STOP BUTTON GROMMET

(a) Attach the 3 claws to install the grommet.

14. INSTALL REAR SEATBACK LOCK RELEASE BUTTON

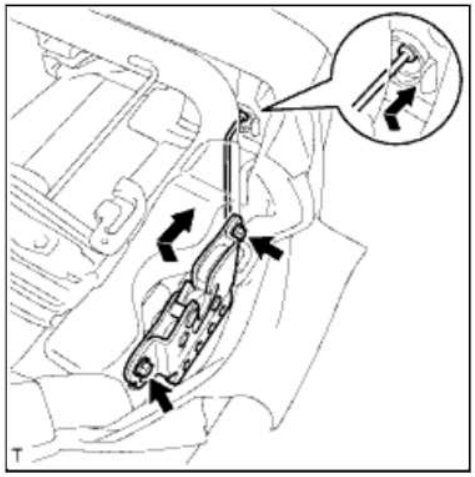


(a) Install the release button as shown in the illustration.

Text in Illustration

➡	Clockwise

15. INSTALL REAR SEATBACK LOCK ASSEMBLY RH



(a) While moving the release button in the direction of the arrow in the illustration, attach it to the grommet.

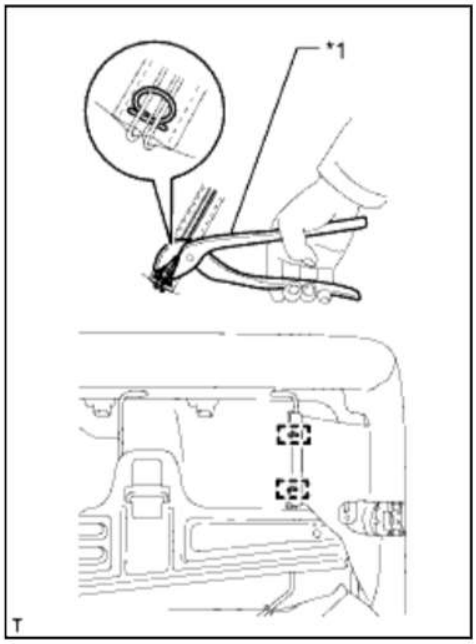
(b) Install the seatback lock with the 2 bolts.

Torque: 21 N·m (214 kgf·cm, 15ft·lbf)

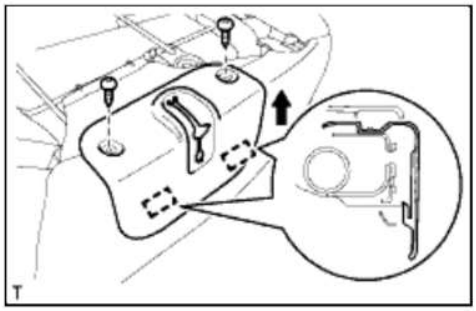
(c) Using hog ring pliers, install 2 new hog rings.

Text in Illustration

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*1	Hog Ring Pliers



16. INSTALL REAR SEATBACK LOCK COVER RH

(a) Attach the 2 hooks to install the cover.

(b) Install the 2 screws.

17. INSTALL REAR CENTER SEAT ARMREST COVER

(a) Attach the 2 claws to install the cover.

(b) Install the screw.

18. INSTALL REAR BACK LOCK CONTROL LEVER SUB-ASSEMBLY RH

(a) Install the control lever with the 2 screws.

19. INSTALL REAR SEAT LOCK ASSEMBLY RH

(a) Install the lock with the 2 bolts.

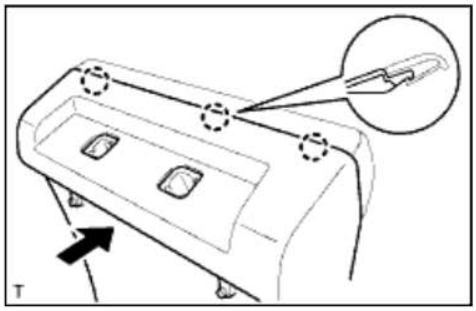
Torque: 21 N·m (214 kgf·cm, 15ft·lbf)

(b) Attach the clamp to connect the wire.

20. INSTALL REAR NO. 1 SEAT NO. 2 SIDE PLATE

(a) Attach the 3 claws to install the plate.

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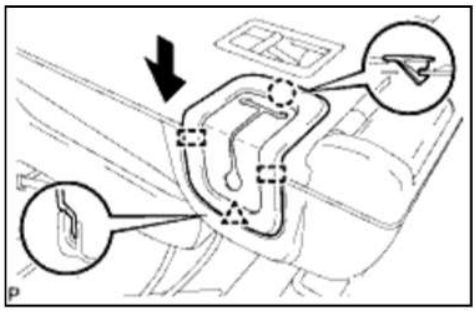
(b) Install the 2 screws.

21. INSTALL REAR SEAT HEADREST SUPPORT

(a) Attach the 4 claws to install the 2 supports.

22. INSTALL REAR SEATBACK BOARD SUB-ASSEMBLY

(a) Attach the 4 claws and 3 clips to install the board.



23. INSTALL REAR SEATBACK LOCK COVER

(a) Move the cover in the direction of the arrow to attach the clip and 2 guides.

(b) Attach the claw.

24. INSTALL REAR SEATBACK COVER

(a) Attach the 4 claws to install the cover.

25. INSTALL NO. 2 CUP HOLDER ASSEMBLY RH

(a) Install the 2 cup holders.

26. INSTALL REAR CENTER SEAT ARMREST ASSEMBLY

(a) Install the bush.

(b) Using a T45 "TORX" socket wrench, install the armrest and 2 bushes with the 2 "TORX" bolts.

Torque: 21 N·m (214 kgf·cm, 15ft·lbf)

27. INSTALL REAR SEATBACK STAY COVER RH

(a) Attach the 3 claws to the cover.

(b) Using a T45 "TORX" socket wrench, install the bush and hinge with the "TORX" bolt.

Torque: 21 N·m (214 kgf·cm, 15ft·lbf)

28. INSTALL REAR SEATBACK STAY COVER LH

(a) Attach the 3 claws to install the cover.

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29. INSTALL CENTER SEAT HINGE COVER

(a) Attach the claw to install the cover.

30. INSTALL REAR CENTER SEAT HEADREST ASSEMBLY

(a) Install the headrest.

31. INSTALL CENTER SEATBACK ASSEMBLY

(a) Temporarily install the center seatback with the 2 bolts, bush and "TORX" bolt.

(b) Tighten the 2 bolts.

Torque: 21 N·m (214 kgf·cm, 15ft·lbf)

(c) Using a T45 "TORX" socket wrench, tighten the "TORX" bolt.

Torque: 21 N·m (214 kgf·cm, 15ft·lbf)

32. INSTALL CENTER SEATBACK COVER SUB-ASSEMBLY

(a) Attach the 2 guides and install the cover with the screw.

33. INSTALL REAR CENTER SEAT INNER BELT ASSEMBLY

34. INSTALL REAR SEAT INNER RECLINING COVER RH

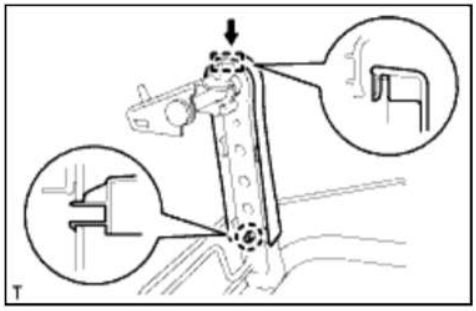
(a) Attach the 2 guides and install the cover with the screw.

35. INSTALL NO. 1 SEATBACK BOARD SUB-ASSEMBLY (for Plastic Seatback Board)

(a) Attach the guide and 2 clips to install the board.

36. INSTALL NO. 1 SEATBACK BOARD SUB-ASSEMBLY (for Seatback Board with Carpet)

(a) Attach the guide and 3 clips to install the board.



37. INSTALL REAR SEAT LEG COVER

(a) Attach the guide and claw to install the cover.

HINT:

Use the same procedure for both covers.

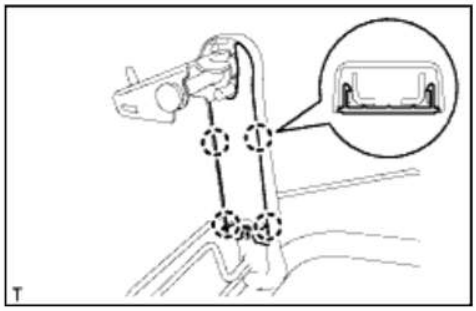
38. INSTALL REAR SEAT LEG BRACKET COVER

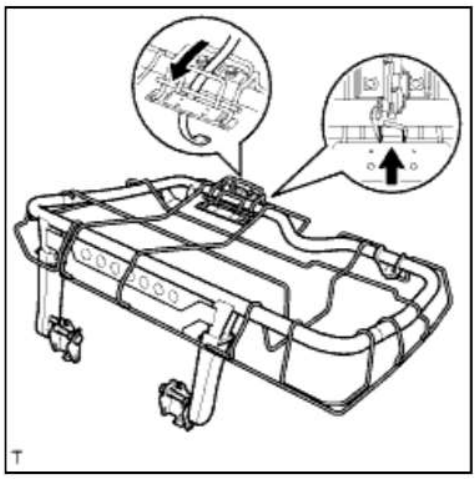
(a) Attach the 4 claws to install the cover.

HINT:

Use the same procedure for both covers.

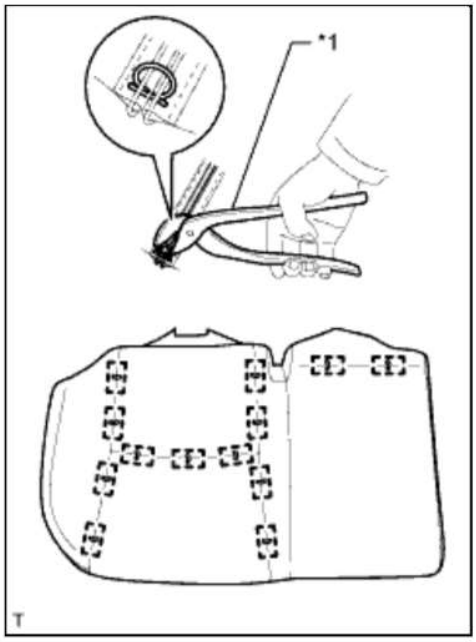
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39. INSTALL REAR SEAT CUSHION BAND

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



40. INSTALL SEPARATE TYPE REAR SEAT CUSHION COVER RH

(a) Using hog ring pliers, install the seat cushion cover to the seat cushion pad with new hog rings.

Text in Illustration

*1	Hog Ring Pliers

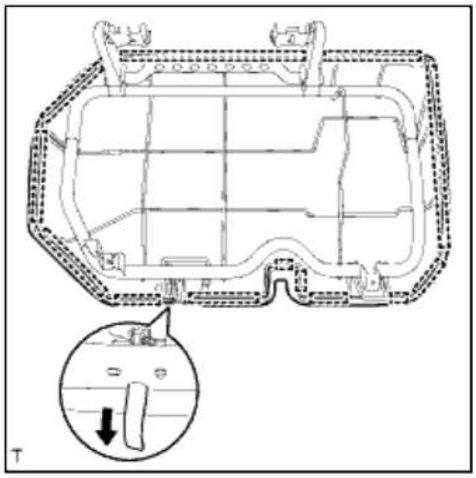
NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

41. INSTALL NO. 1 SEAT CUSHION COVER RH

(a) Install the cover to the seat cushion pad with new tack pins.

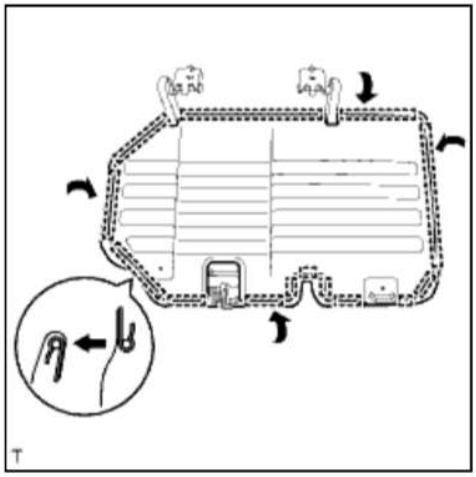
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42. INSTALL SEAT CUSHION COVER WITH PAD

(a) Attach the hooks to install the seat cushion cover with pad.

(b) Connect the seat cushion band to the seat cushion cover.



43. INSTALL REAR SEAT CUSHION UNDER COVER RH

(a) Attach the hooks to install the cover.

44. INSTALL REAR SEATBACK PROTECTOR

(a) Attach the 2 hooks to install the protector.

(b) Install the 2 screws.

45. INSTALL REAR SEAT CUSHION

(a) Install the 2 cushions with the 2 screws.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000046 8S001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Double-folding Seat Type RH Side): INSTALLATION (2010 4Runner)		

INSTALLATION

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

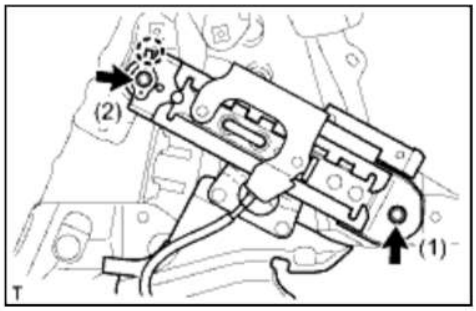
HINT:

A bolt without a torque specification is shown in the standard bolt chart INFO .

1. INSTALL REAR SEAT CUSHION LOCK STRIKER

(a) Install the striker with the 2 bolts.

Torque: 13 N·m (127 kgf·cm, 9ft·lbf)



2. INSTALL REAR NO. 2 SEATBACK LOCK STRIKER SUB-ASSEMBLY RH

(a) Attach the claw and install the striker with the 2 bolts.

(b) Tighten the bolts in the order indicated in the illustration.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

3. INSTALL DECK TRIM SIDE PANEL ASSEMBLY RH INFO

4. INSTALL NO. 1 LUGGAGE COMPARTMENT TRIM COVER INFO

5. INSTALL FRONT DECK SIDE TRIM COVER RH INFO

6. INSTALL NO. 1 LUGGAGE COMPARTMENT TRIM HOOK INFO

7. INSTALL REAR NO. 1 SEAT OUTER LAP BELT ANCHOR COVER INFO

8. INSTALL REAR FLOOR CARPET ASSEMBLY (w/o Deck Board) INFO

9. INSTALL REAR FLOOR MAT REAR SUPPORT PLATE INFO

10. INSTALL INNER FLOOR SIDE RAIL SUB-ASSEMBLY (w/ Deck Board) INFO

11. INSTALL DECK BOARD ASSEMBLY (w/ Deck Board) INFO

12. INSTALL LUGGAGE COMPARTMENT SIDE COVER SUB-ASSEMBLY LH (w/ Deck Board) INFO

13. INSTALL LUGGAGE COMPARTMENT SIDE COVER SUB-ASSEMBLY RH (w/ Deck Board)

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INFO

14. INSTALL REAR NO. 2 FLOOR BOARD ASSEMBLY (w/ Deck Board) INFO

15. INSTALL NO. 2 DECK BOARD SUB-ASSEMBLY (w/ Deck Board) INFO

16. INSTALL NO. 2 LUGGAGE COMPARTMENT TRIM COVER (w/Deck Board, w/o Rear No. 2 Seat) INFO

17. INSTALL NO. 1 DECK BOARD SUB-ASSEMBLY (w/o Deck Board) INFO

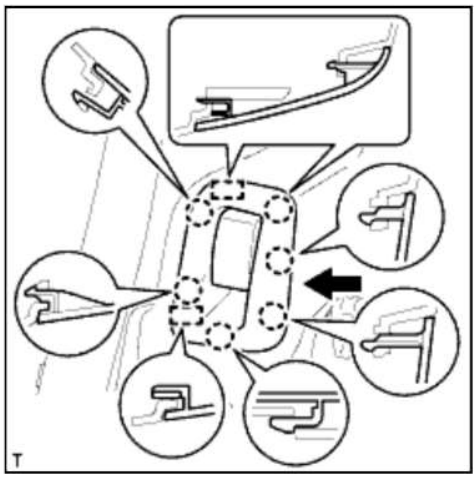
18. INSTALL NO. 1 LUGGAGE COMPARTMENT TRIM COVER (w/o Deck Board) INFO

19. INSTALL REAR DOOR OPENING TRIM WEATHERSTRIP RH INFO

20. INSTALL REAR DOOR SCUFF PLATE RH INFO

21. INSTALL REAR SEATBACK LOCK CONTROL LEVER BASE RH

(a) Attach the cable clamp to connect the cable.



(b) Move the cover in the direction of the arrow to attach the 2 guides.

(c) Attach the 6 claws to install the lever base.

22. INSTALL REAR SEATBACK HINGE SUB-ASSEMBLY RH

(a) Install the hinge with the bolt.

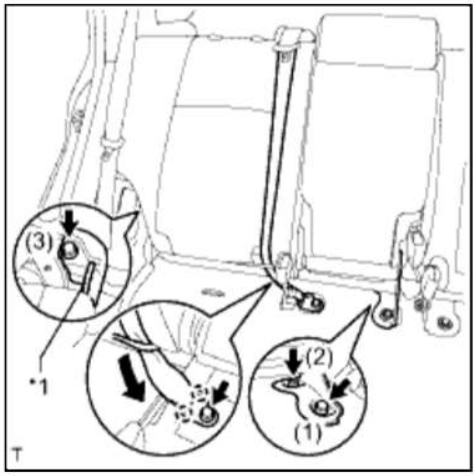
Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

23. INSTALL REAR SEATBACK ASSEMBLY RH

(a) Fold down the seatback, set the seatback positioning wire on the hinge, and then temporarily install the bolt to the hinge.

Text in Illustration

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*1	Positioning Wire

NOTICE:

Be careful not to damage the vehicle body.

(b) Restore the seatback to the upright position and temporarily install the seatback with the 2 bolts.

(c) Tighten the bolts in the order indicated in the illustration.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

(d) Attach the 2 claws and connect the outer belt with the bolt.

Torque: 42 N·m (428 kgf·cm, 31ft·lbf)

24. INSTALL REAR SEATBACK BOARD CARPET ASSEMBLY RH

(a) for Plastic Seatback Board:

(1) Attach the 4 clips to install the carpet.

(2) Attach the 5 claws and 2 clips to install the carpet.

(b) for Seatback Board with carpet:

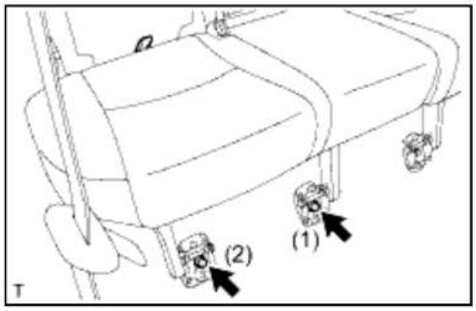
Attach the 2 claws and 5 clips to install the carpet.

25. INSTALL REAR SEATBACK COVER

(a) Attach the 4 claws to install the cover.

26. INSTALL REAR SEAT HEADREST ASSEMBLY

(a) Install the headrest.



27. INSTALL REAR SEAT CUSHION ASSEMBLY RH

(a) Temporarily install the seat cushion with the 2 bolts.

NOTICE:

Be careful not to damage the vehicle body.

(b) Tighten the bolts in the order indicated in the illustration.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

(c) Lock the seat cushion.

28. INSTALL REAR SEAT CUSHION HINGE COVER RH

(a) Attach the 3 claws to install the cover.

29. INSTALL REAR SEAT CUSHION HINGE COVER

(a) Attach the 3 claws to install the cover.

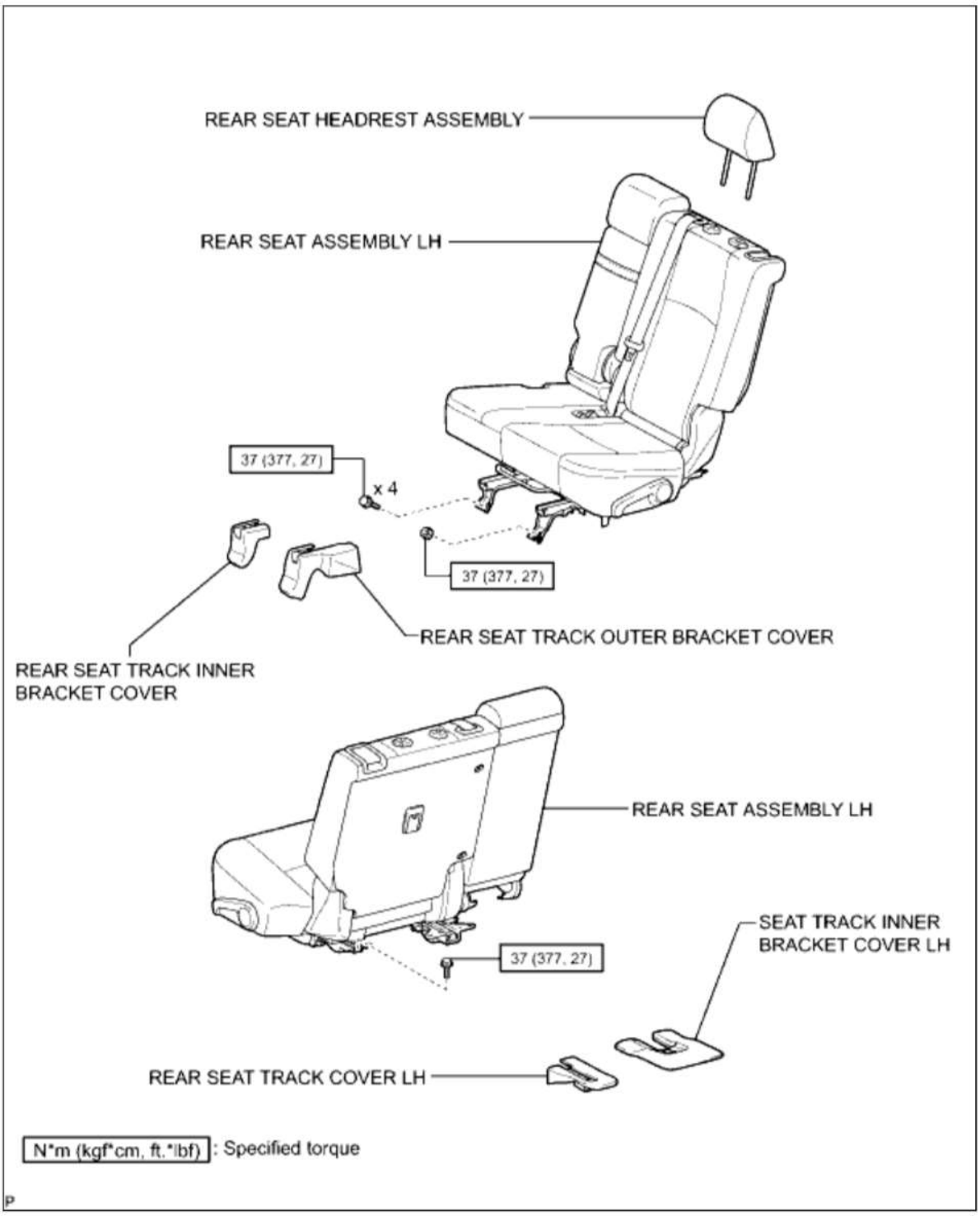
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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004689001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Slide Walk-in Seat Type LH Side): COMPONENTS (2010 4Runner)		

COMPONENTS

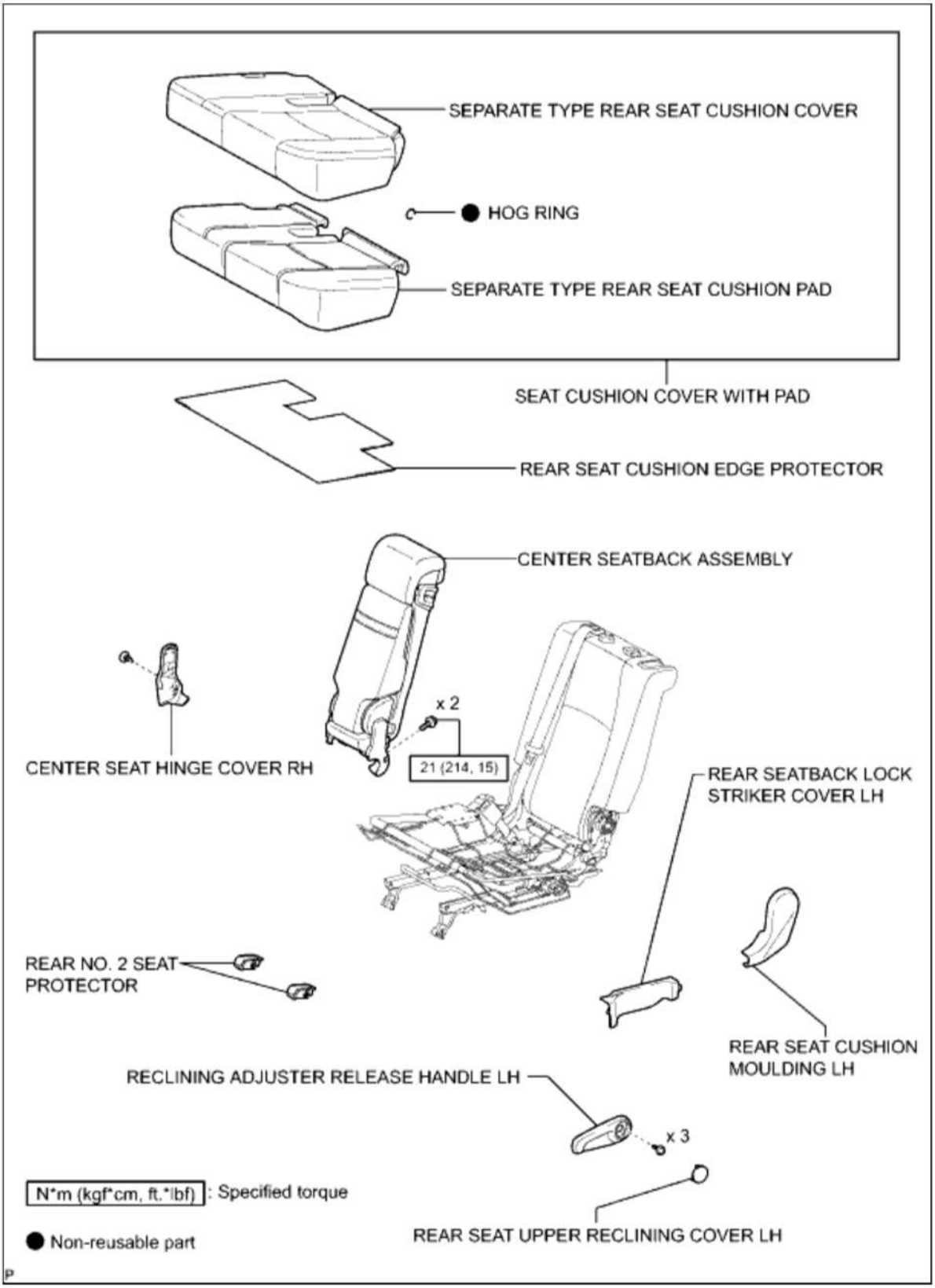
ILLUSTRATION

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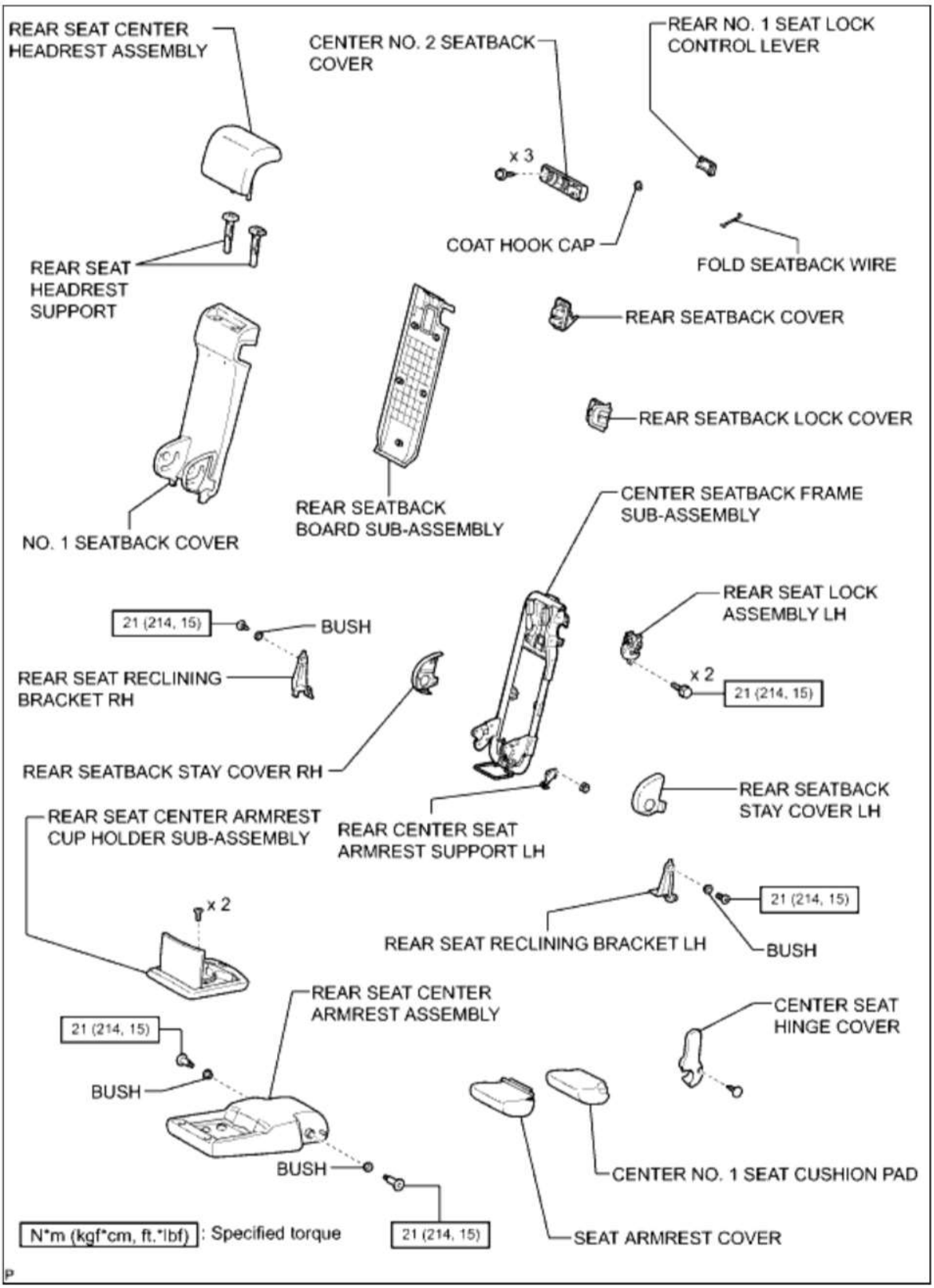
ILLUSTRATION

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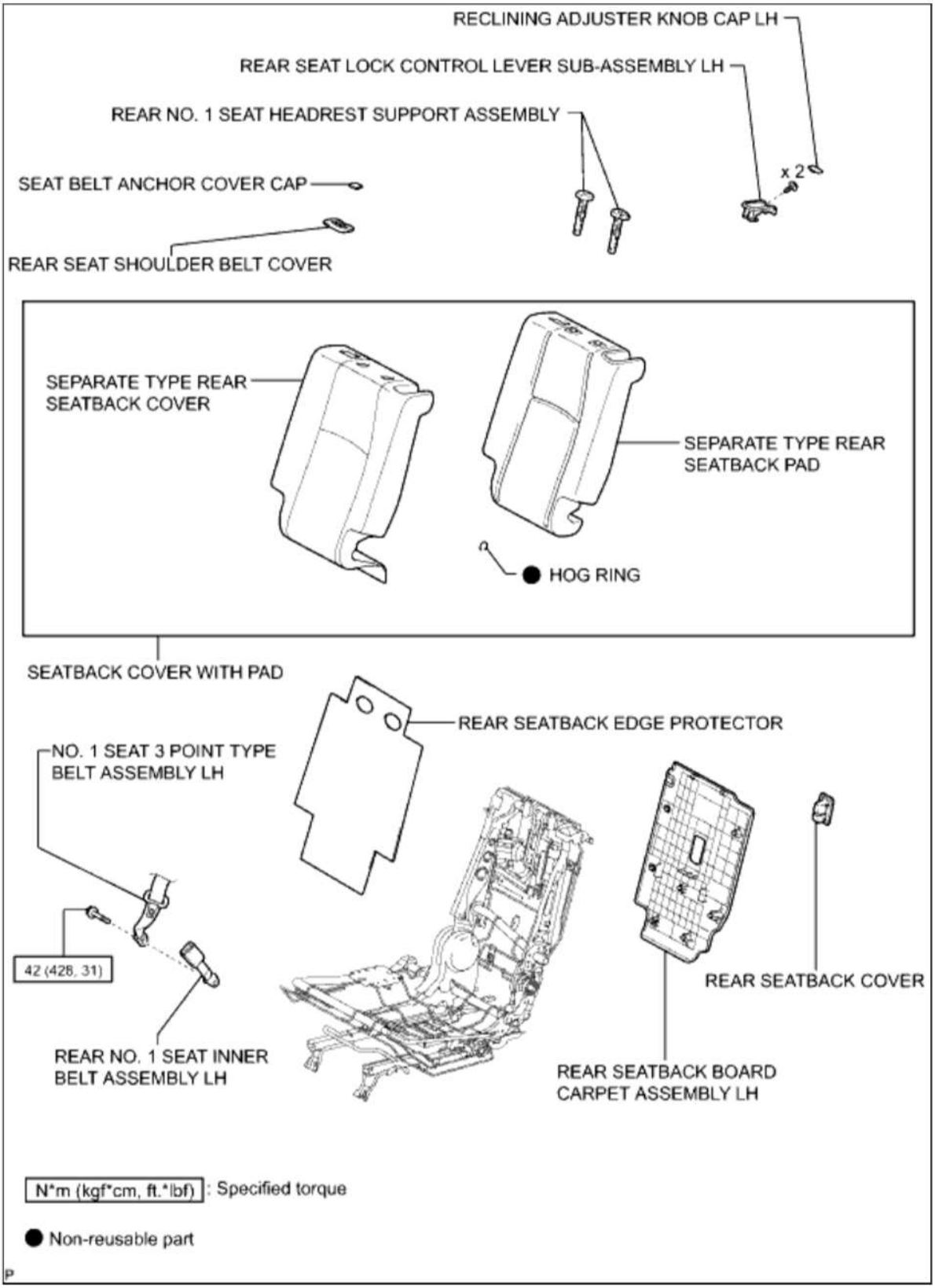
ILLUSTRATION

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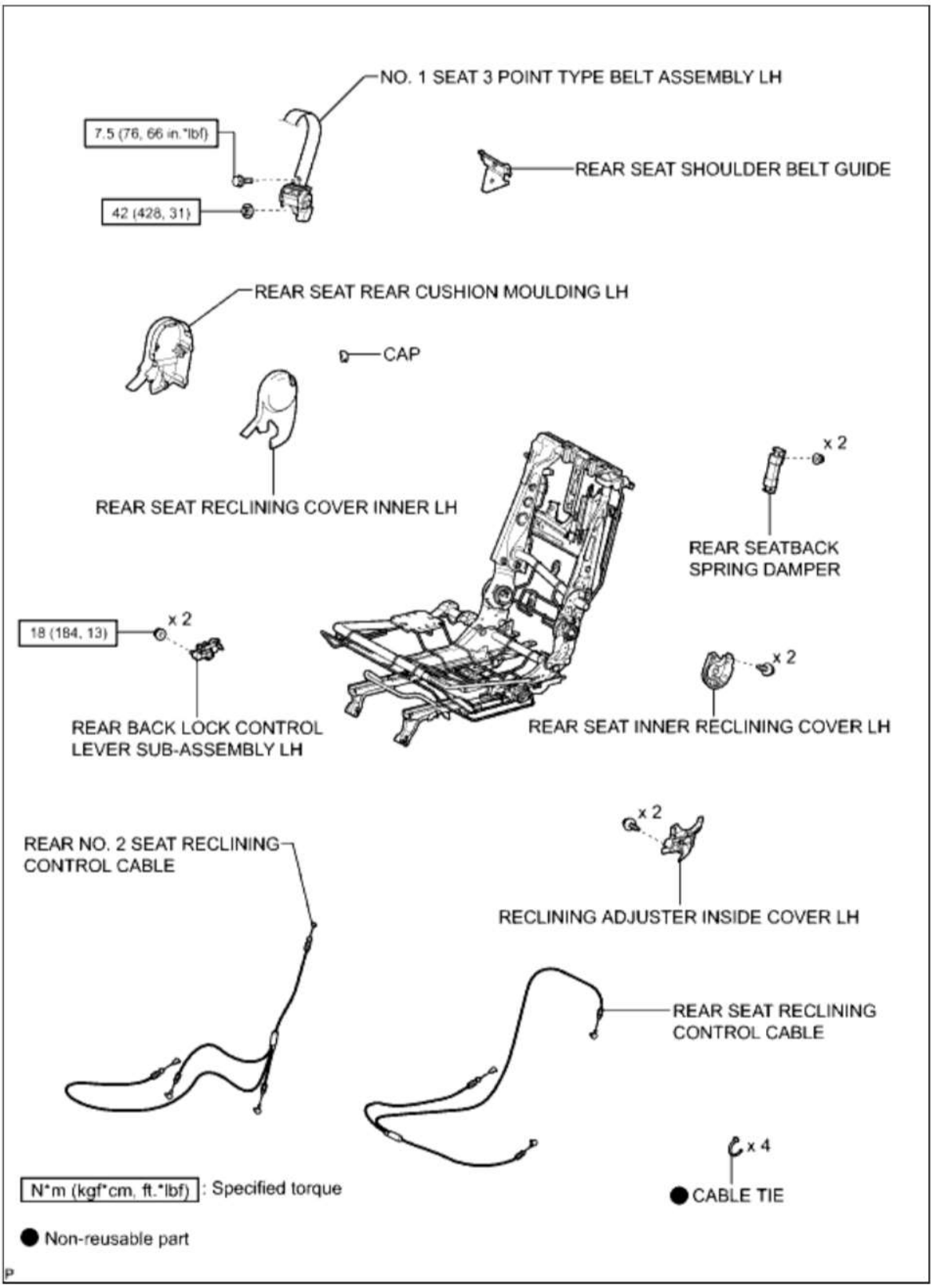
ILLUSTRATION

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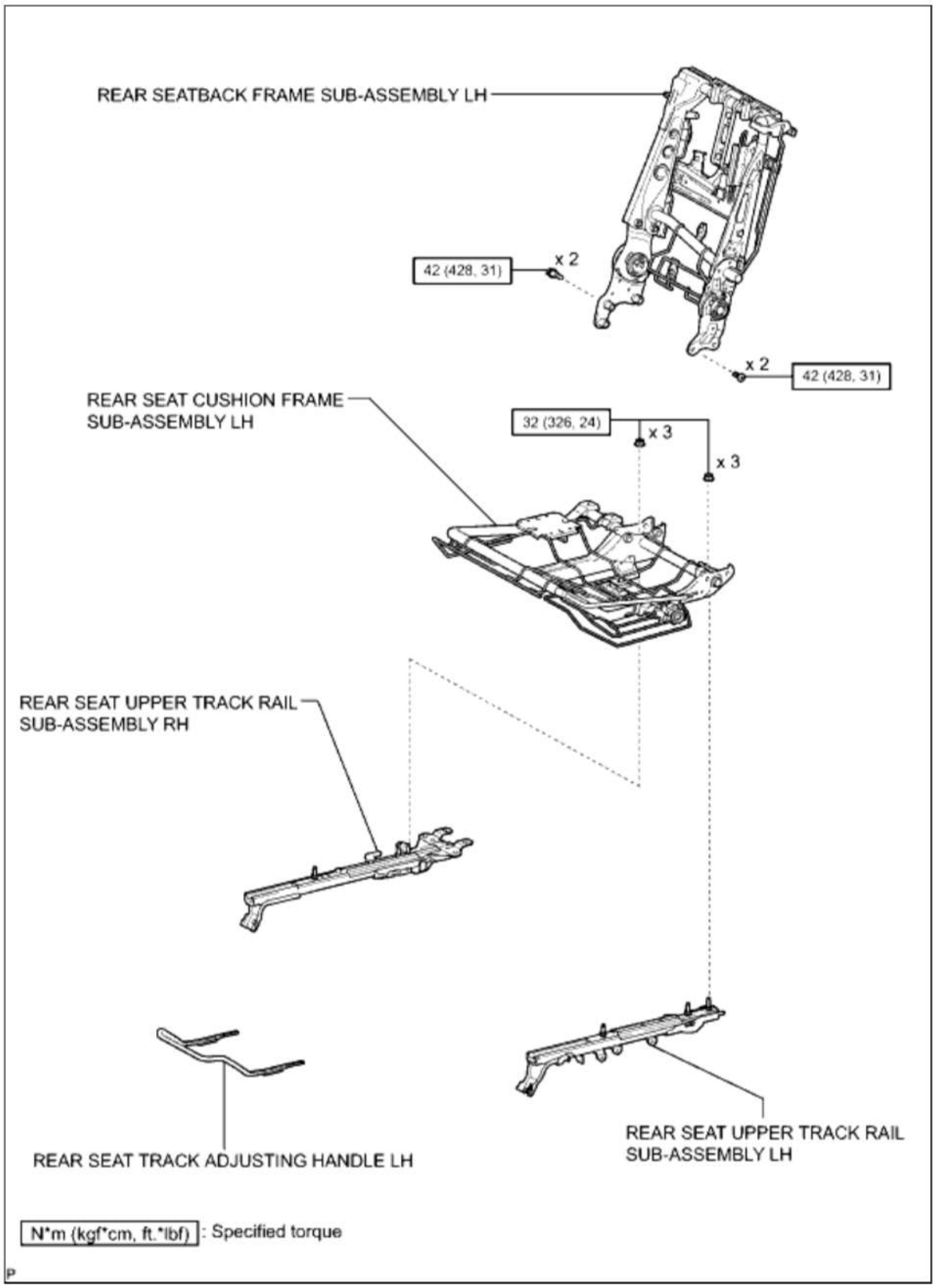
ILLUSTRATION

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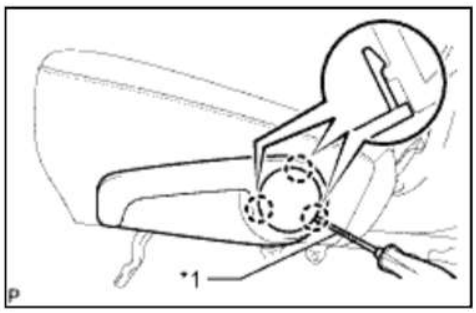
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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000046 8B001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Slide Walk-in Seat Type LH Side): DISASSEMBLY (2010 4Runner)		

DISASSEMBLY

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.



1. REMOVE REAR SEAT UPPER RECLINING COVER LH

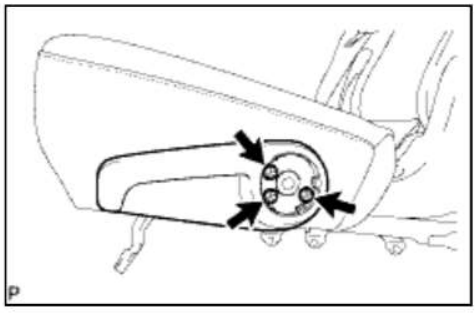
(a) Using a screwdriver, detach the 3 claws and remove the cover.

HINT:

Tape the screwdriver tip before use.

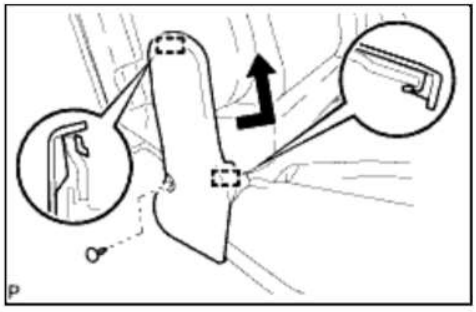
Text in Illustration

*1	Protective Tape



2. REMOVE RECLINING ADJUSTER RELEASE HANDLE LH

(a) Remove the 3 screws and handle.

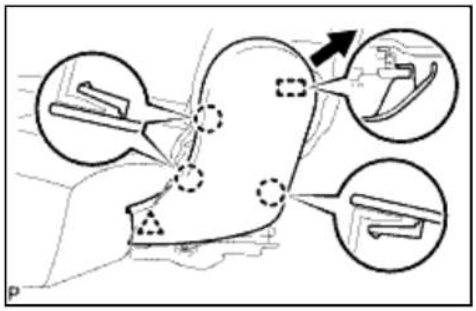


3. REMOVE CENTER SEAT HINGE COVER RH

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

(b) Detach the 2 guides and remove the cover.

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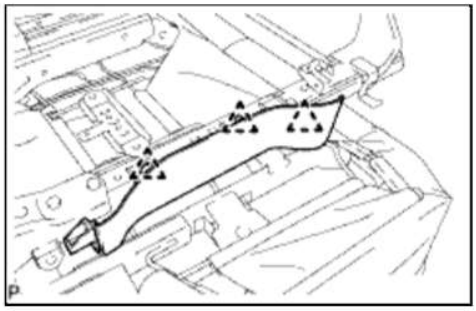


4. REMOVE REAR SEAT CUSHION MOULDING LH

(a) Using a clip remover, detach the clip.

(b) Using a moulding remover, detach the 3 claws.

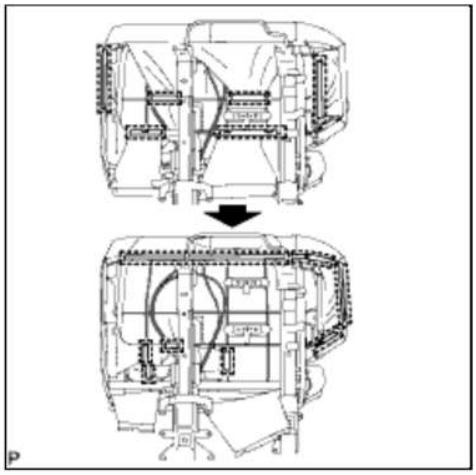
(c) Move the moulding in the direction of the arrow to detach the guide and remove the moulding.



5. REMOVE REAR SEATBACK LOCK STRIKER COVER LH

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

6. REMOVE SEAT CUSHION COVER WITH PAD

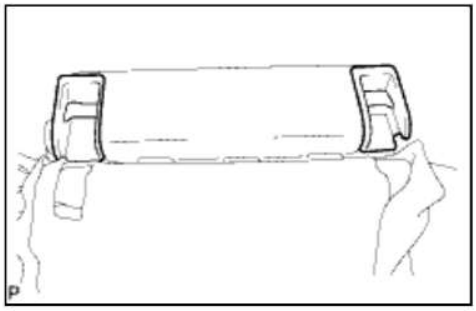


(a) Detach the hooks.

(b) Detach the hook and remove the seat cushion cover with pad.

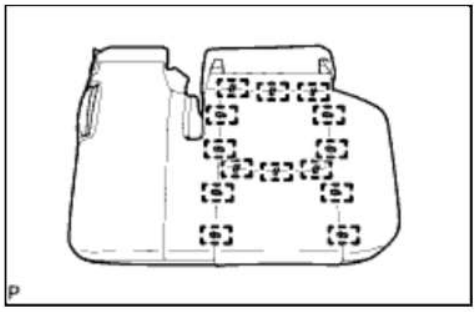
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7. REMOVE REAR NO. 2 SEAT PROTECTOR

(a) Remove the 2 protectors from the cushion pad.



8. REMOVE SEPARATE TYPE REAR SEAT CUSHION COVER

(a) Remove the hog rings and seat cushion cover from the seat cushion pad.

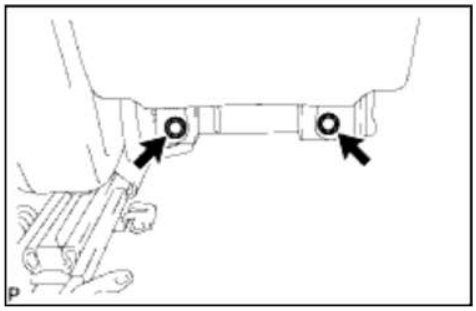
9. REMOVE REAR SEAT CUSHION EDGE PROTECTOR

(a) Remove the protector from the cushion spring.

10. REMOVE CENTER SEATBACK ASSEMBLY

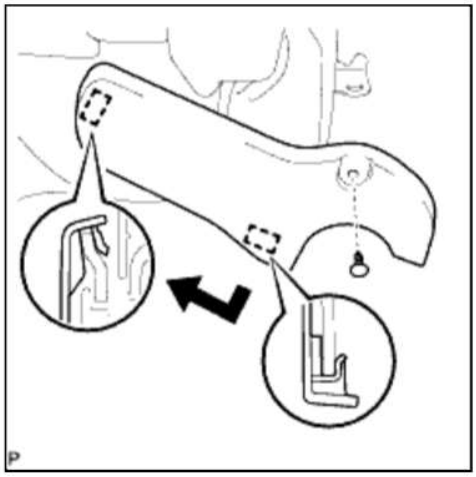
(a) Remove the 2 bolts and center seatback.

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11. REMOVE REAR SEAT CENTER HEADREST ASSEMBLY

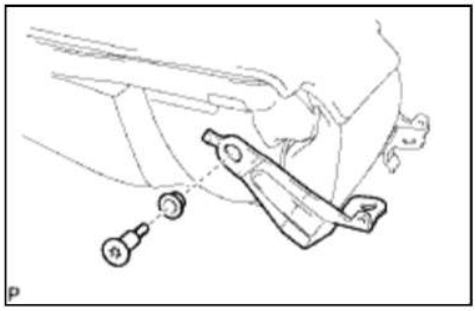
(a) Remove the headrest.



12. REMOVE CENTER SEAT HINGE COVER

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

(b) Detach the 2 guides and remove the cover.



13. REMOVE REAR SEAT RECLINING BRACKET LH

(a) Using a T45 "TORX" socket wrench, remove the "TORX" bolt, bush and bracket.

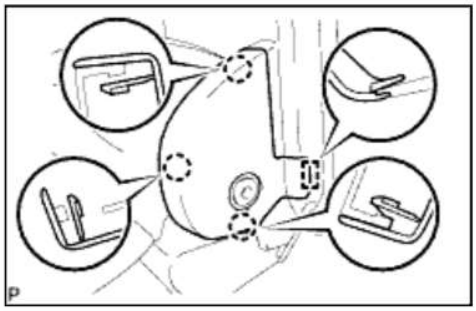
14. REMOVE REAR SEAT RECLINING BRACKET RH

(a) Using a T45 "TORX" socket wrench, remove the "TORX" bolt, bush and bracket.

15. REMOVE REAR SEATBACK STAY COVER LH

(a) Using a moulding remover, detach the 3 claws.

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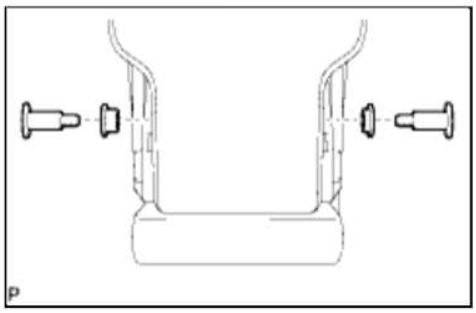
(b) Detach the guide and remove the cover.

16. REMOVE REAR SEATBACK STAY COVER RH

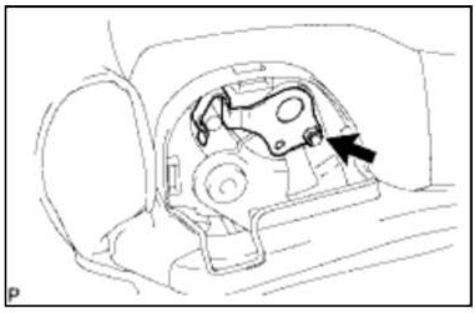
(a) Using a moulding remover, detach the 3 claws.

(b) Detach the guide and remove the cover.

17. REMOVE REAR SEAT CENTER ARMREST ASSEMBLY



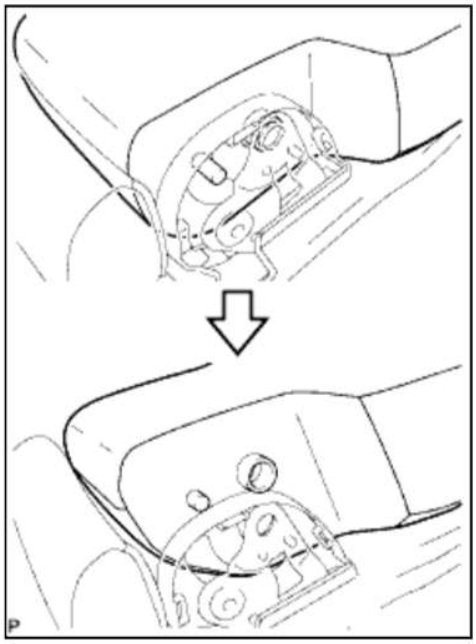
(a) Using a T45 "TORX" socket wrench, remove the 2 "TORX" bolts and 2 bushes.



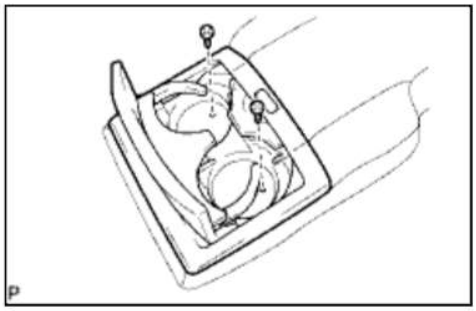
(b) Remove the nut and armrest support.

(c) Remove the armrest as shown in the illustration.

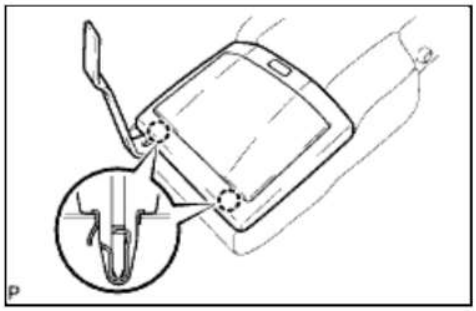
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18. REMOVE REAR SEAT CENTER ARMREST CUP HOLDER SUB-ASSEMBLY



(a) Remove the 2 screws.

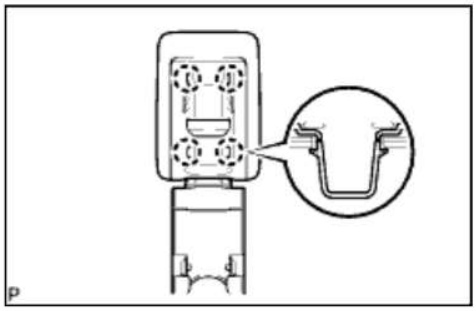


(b) Using a moulding remover, detach the 2 claws and remove the cup holder.

19. REMOVE REAR SEATBACK COVER

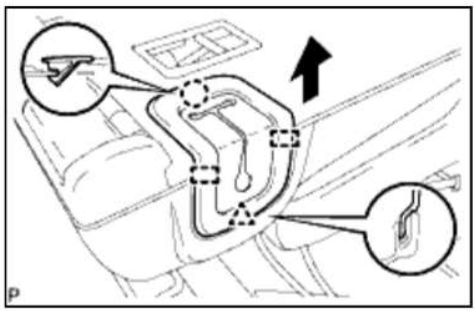
(a) Using a screwdriver, detach the 4 claws and remove the cover.

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HINT:

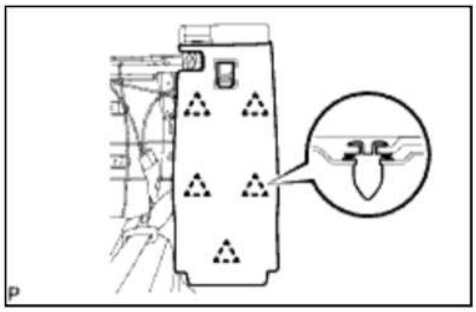
Tape the screwdriver tip before use.



20. REMOVE REAR SEATBACK LOCK COVER

(a) Using a moulding remover, detach the claw.

(b) Move the cover in the direction of the arrow to detach the clip and 2 guides, and then remove the cover.



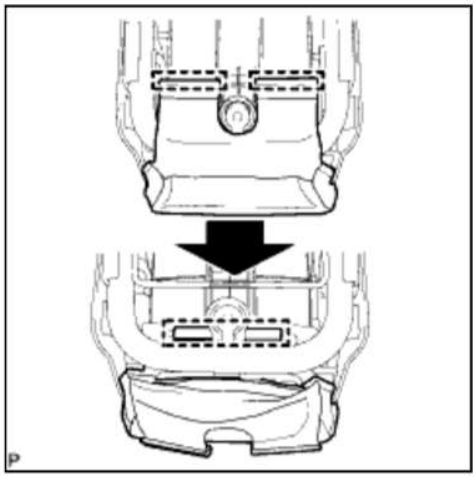
21. REMOVE REAR SEATBACK BOARD SUB-ASSEMBLY

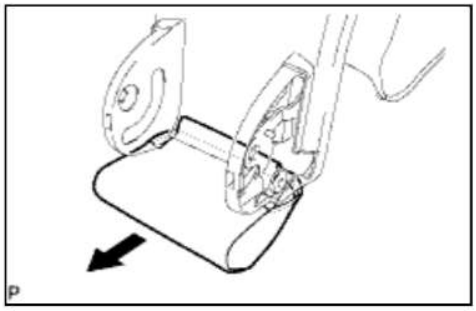
(a) Using a clip remover, detach the 5 clips and remove the board.

22. REMOVE SEAT ARMREST COVER

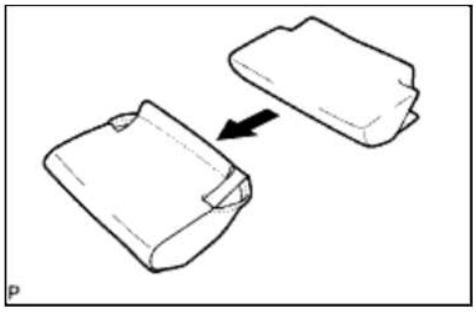
(a) Detach the hooks.

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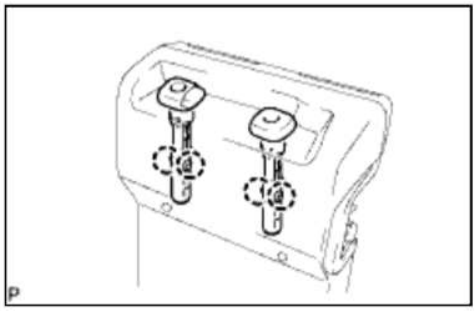




(b) Remove the cover with pad.



(c) Remove the cover from the pad.

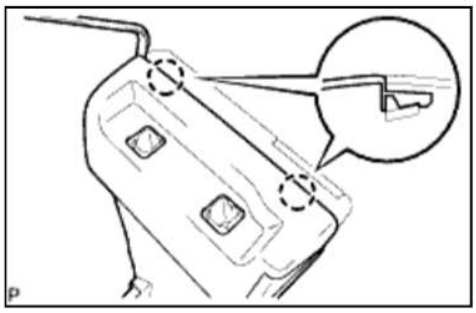


23. REMOVE REAR SEAT HEADREST SUPPORT

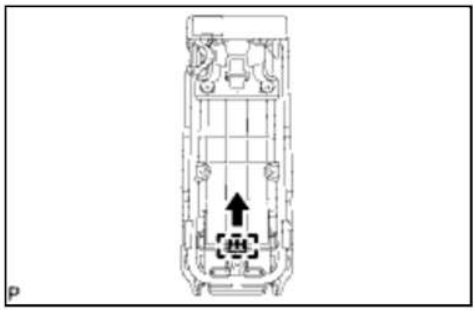
(a) Detach the 4 claws and remove the 2 supports.

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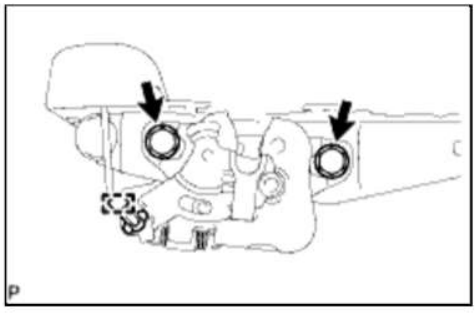
24. REMOVE NO. 1 SEATBACK COVER



(a) Using a moulding remover, detach the 2 claws.



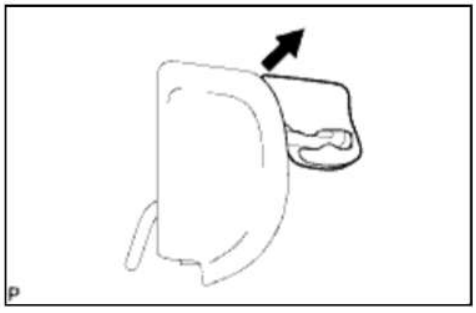
(b) Detach the guide and remove the cover.



25. REMOVE REAR SEAT LOCK ASSEMBLY LH

(a) Detach the clamp and disconnect the wire.

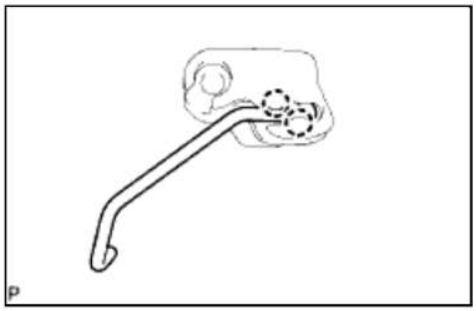
(b) Remove the 2 bolts and lock.



26. REMOVE REAR NO. 1 SEAT LOCK CONTROL LEVER

(a) Remove the lever as shown in the illustration.

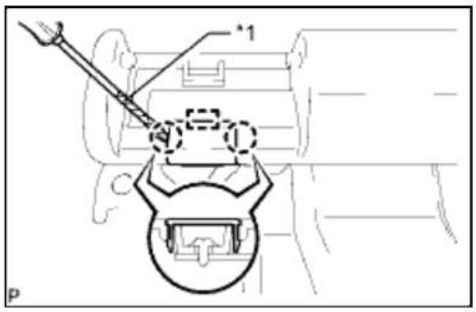
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27. REMOVE FOLD SEATBACK WIRE

(a) Detach the 2 claws and remove the wire.

28. REMOVE COAT HOOK CAP



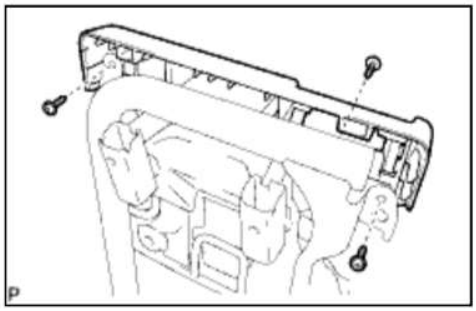
(a) Using a screwdriver, detach the 2 claws and guide, and then remove the cap.

HINT:

Tape the screwdriver tip before use.

Text in Illustration

*1	Protective Tape



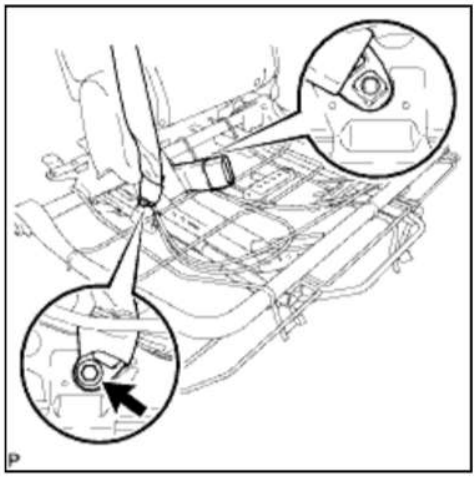
29. REMOVE CENTER NO. 2 SEATBACK COVER

(a) Remove the 3 screws and cover.

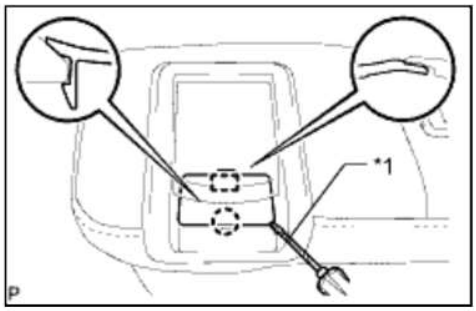
30. REMOVE REAR NO. 1 SEAT INNER BELT ASSEMBLY LH

(a) Remove the bolt and inner belt, and disconnect the center outer belt.

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31. REMOVE RECLINING ADJUSTER KNOB CAP LH



(a) Using a screwdriver, detach the claw and guide, and then remove the cap.

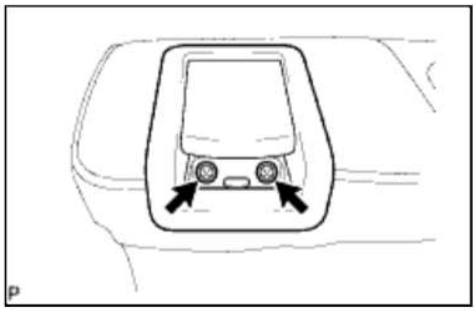
HINT:

Tape the screwdriver tip before use.

Text in Illustration

*1	Protective Tape

32. REMOVE REAR SEAT LOCK CONTROL LEVER SUB-ASSEMBLY LH



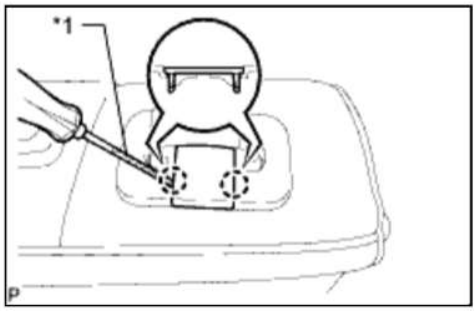
(a) Remove the 2 screws.

(b) Disconnect the cable in the order shown in the illustration and remove the lever.

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33. REMOVE SEAT BELT ANCHOR COVER CAP



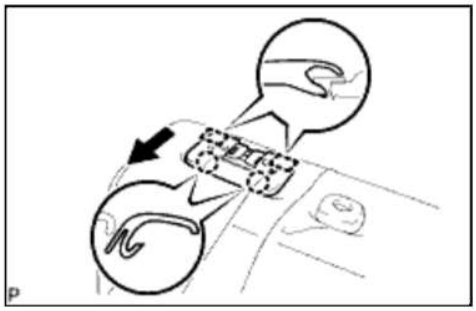
(a) Using a screwdriver, detach the 2 claws and remove the cap.

HINT:

Tape the screwdriver tip before use.

Text in Illustration

*1	Protective Tape



34. REMOVE REAR SEAT SHOULDER BELT COVER

(a) Detach the 2 claws and 2 guides, and then remove the cover.

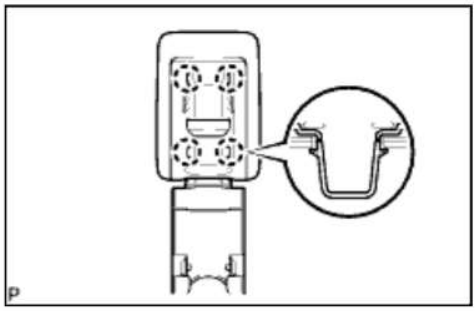
(b) Disconnect the outer belt from the cover.

35. REMOVE REAR SEATBACK COVER

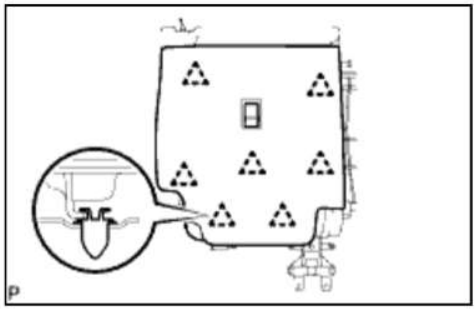
(a) Using a screwdriver, detach the 4 claws and remove the cover.

HINT:

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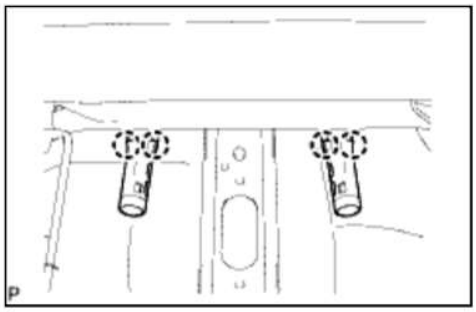


Tape the screwdriver tip before use.



36. REMOVE REAR SEATBACK BOARD CARPET ASSEMBLY LH

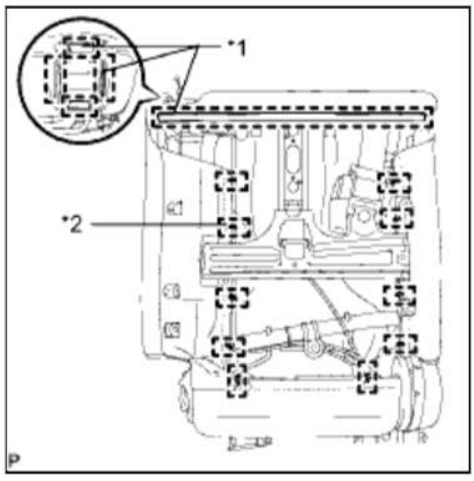
(a) Using a clip remover, detach the 7 clips and remove the carpet.



37. REMOVE REAR NO. 1 SEAT HEADREST SUPPORT ASSEMBLY

(a) Detach the 4 claws and remove the 2 supports.

38. REMOVE SEATBACK COVER WITH PAD

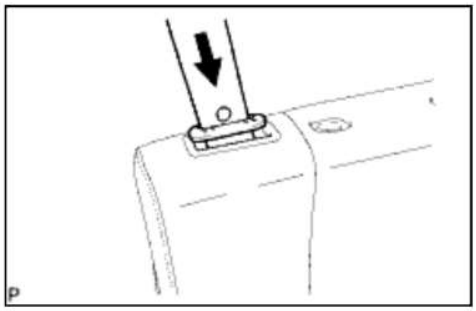


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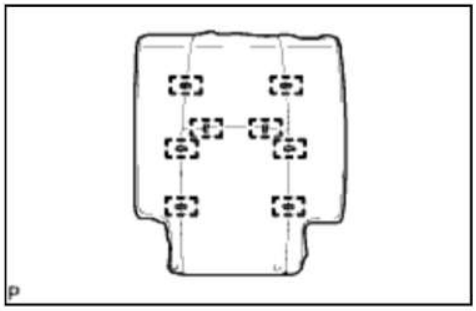
(a) Remove the hog rings and detach the hooks, and then remove the seatback cover with pad.

Text in Illustration

*1	Hook
*2	Hog Ring



(b) Disconnect the outer belt from the seatback cover with pad.

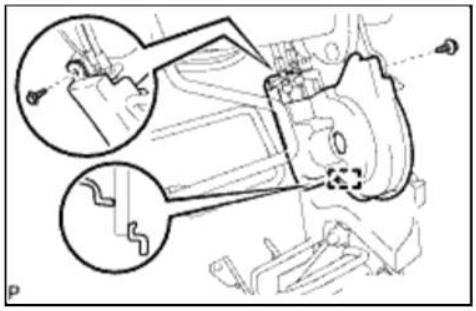


39. REMOVE SEPARATE TYPE REAR SEATBACK COVER

(a) Remove the hog rings and cover from the seatback pad.

40. REMOVE REAR SEATBACK EDGE PROTECTOR

(a) Remove the protector from the seatback frame.



41. REMOVE REAR SEAT INNER RECLINING COVER LH

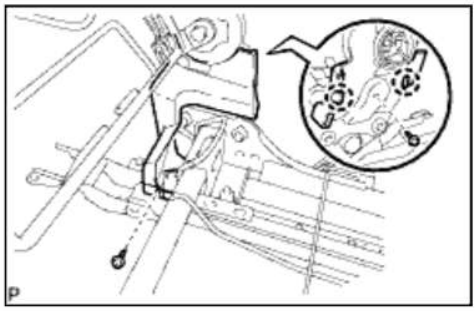
(a) Remove the 2 screws.

(b) Detach the guide and remove the cover.

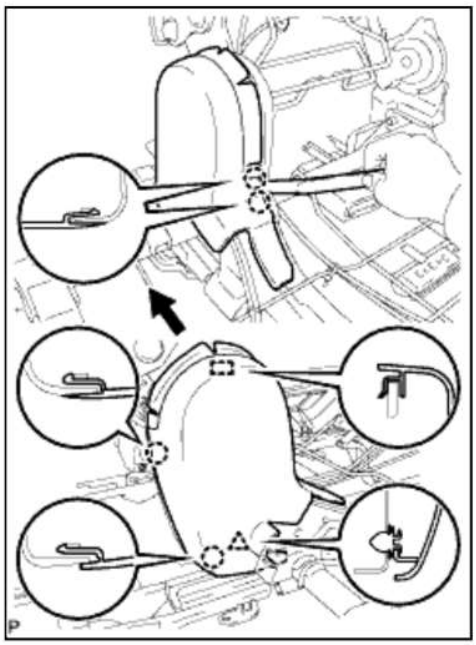
42. REMOVE RECLINING ADJUSTER INSIDE COVER LH

(a) Remove the 2 screws.

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(b) Detach the 2 claws and remove the cover.

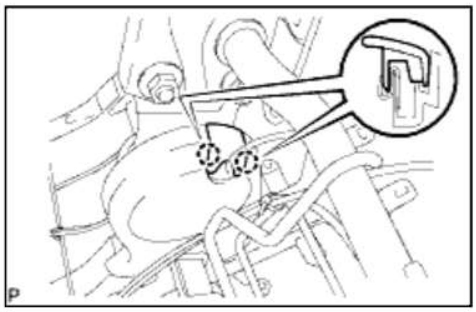


43. REMOVE REAR SEAT REAR CUSHION MOULDING LH

(a) Using a clip remover, detach the clip.

(b) Using a moulding remover, detach the 4 claws.

(c) Move the moulding in the direction of the arrow to detach the guide and remove the moulding.



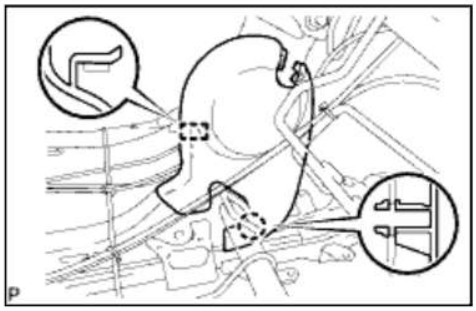
44. REMOVE CAP

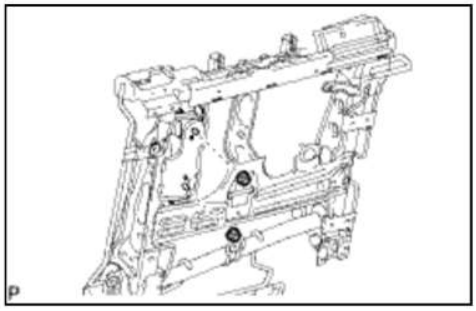
(a) Detach the 2 claws and remove the cap.

45. REMOVE REAR SEAT RECLINING COVER INNER LH

(a) Detach the claw and guide, and then remove the cover.

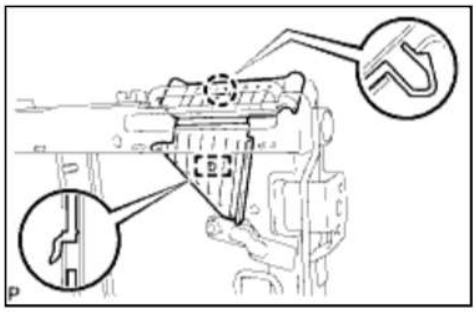
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46. REMOVE REAR SEATBACK SPRING DAMPER

(a) Remove the 2 nuts and damper.



47. REMOVE REAR SEAT SHOULDER BELT GUIDE

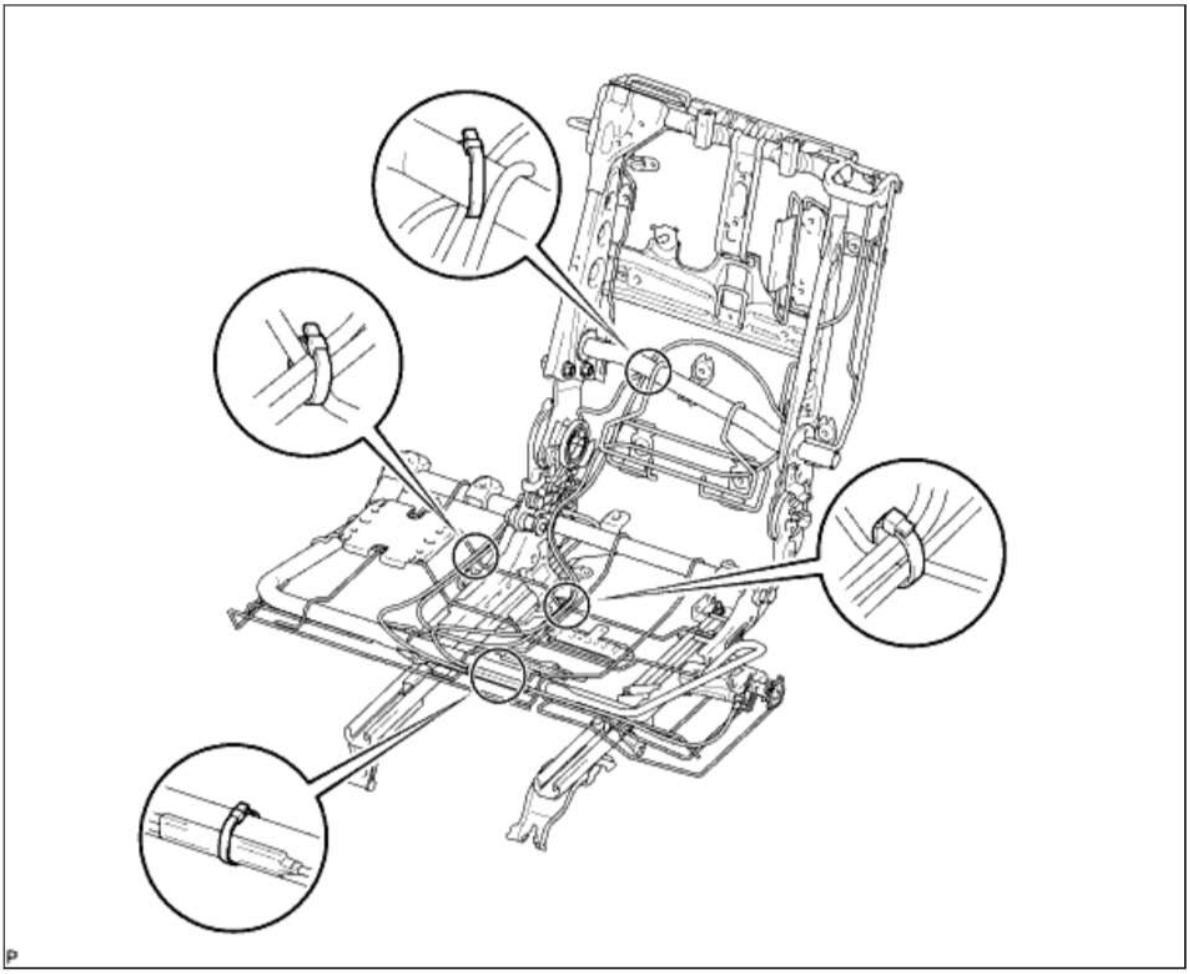
(a) Detach the claw and guide, and then remove the belt guide.

48. REMOVE NO. 1 SEAT 3 POINT TYPE BELT ASSEMBLY LH INFO

49. REMOVE REAR SEAT RECLINING CONTROL CABLE

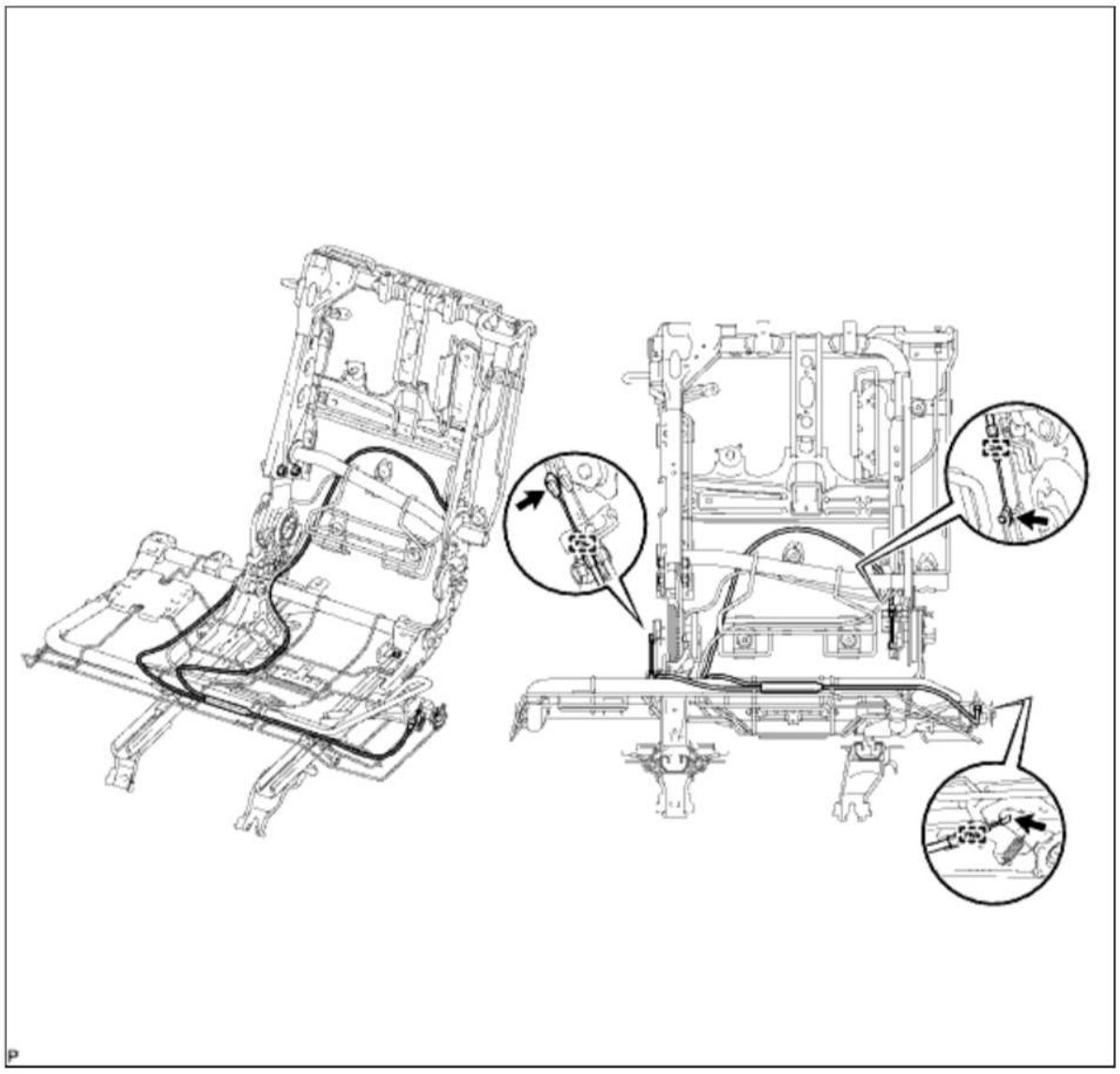
(a) Cut off the 4 cable ties.

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(b) Detach the 3 cable clamps and disconnect the cable, and then remove the cable.

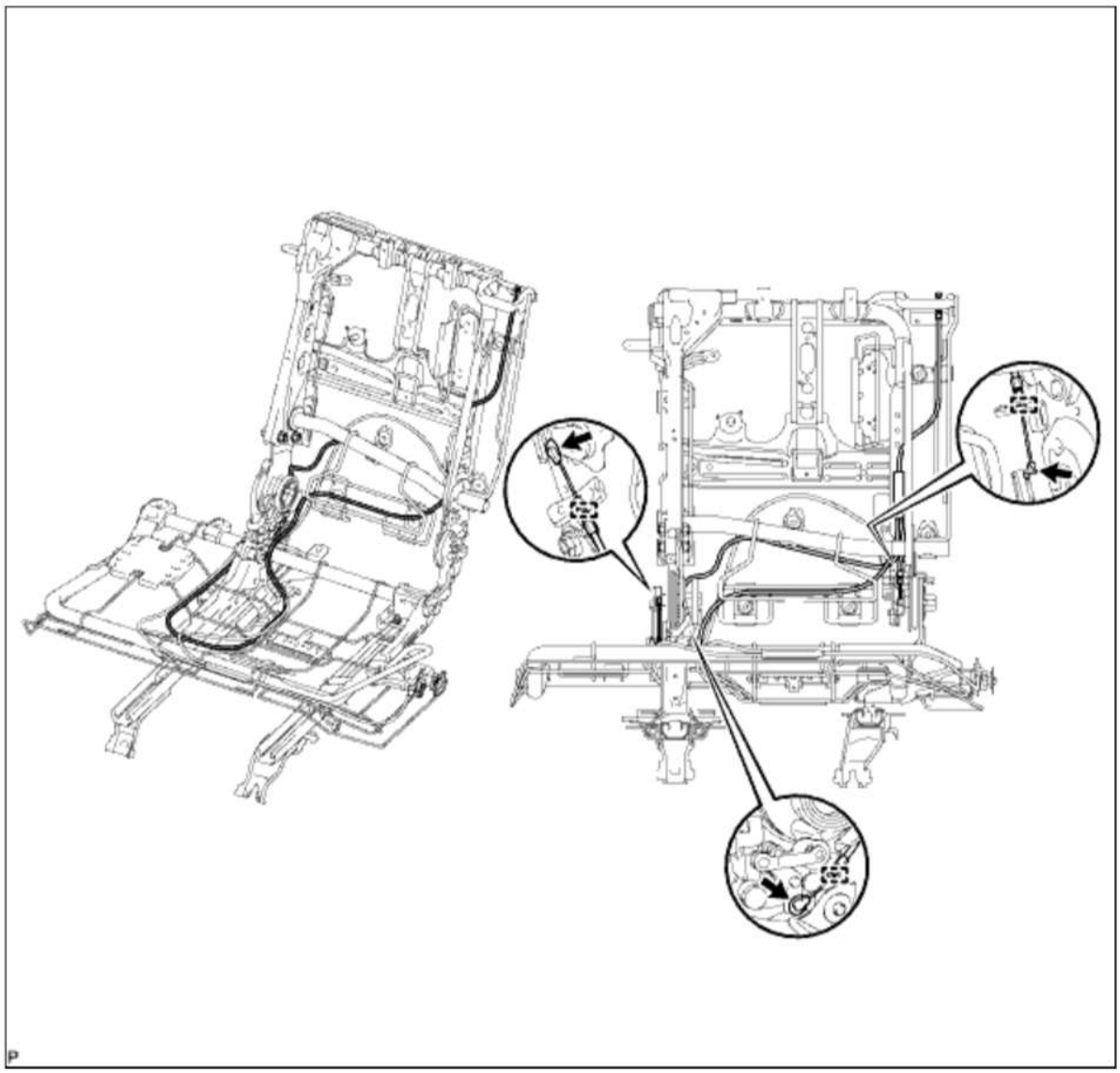
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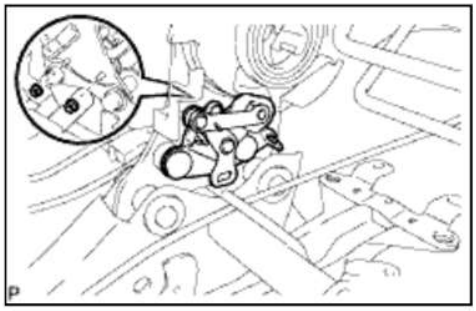


50. REMOVE REAR NO. 2 SEAT RECLINING CONTROL CABLE

(a) Detach the 3 cable clamps and disconnect the cable, and then remove the cable.

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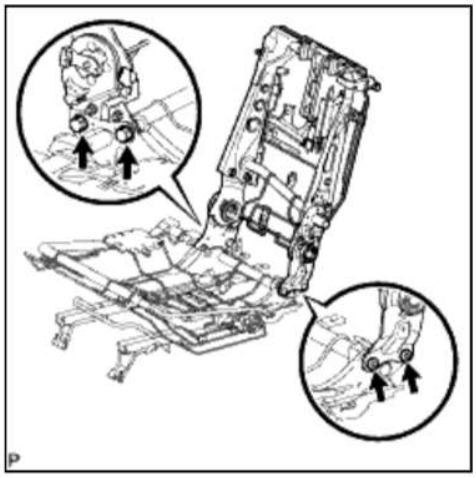
51. REMOVE REAR BACK LOCK CONTROL LEVER SUB-ASSEMBLY LH

(a) Remove the 2 nuts and lever.

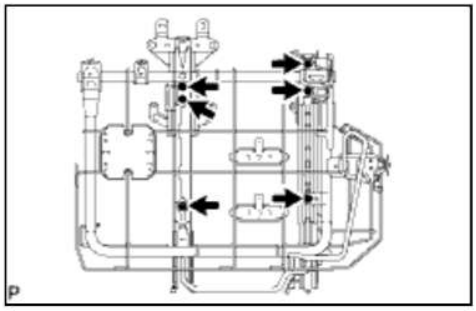
52. REMOVE REAR SEATBACK FRAME SUB-ASSEMBLY LH

(a) Using a T45 "TORX" socket wrench, remove the 2 "TORX" bolts.

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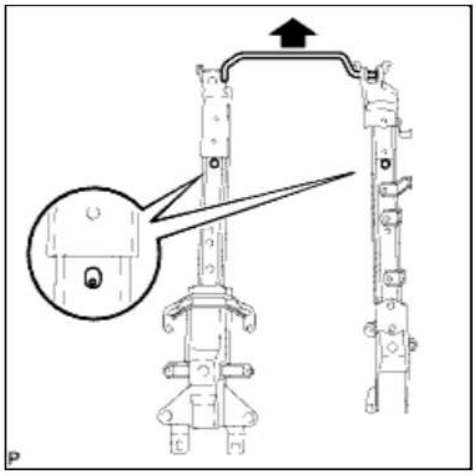


(b) Remove the 2 bolts and seatback frame.



53. REMOVE REAR SEAT CUSHION FRAME SUB-ASSEMBLY LH

(a) Remove the 6 nuts and seat cushion frame.



54. REMOVE REAR SEAT TRACK ADJUSTING HANDLE LH

(a) Slide the slide rail to the rearmost position.

(b) Using a small screwdriver, push down the handle stopper to detach the claw and remove the adjusting handle.

HINT:

Insert the screwdriver into the hole shown in the illustration while looking into the hole.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468C001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Slide Walk-in Seat Type LH Side): REASSEMBLY (2010 4Runner)		

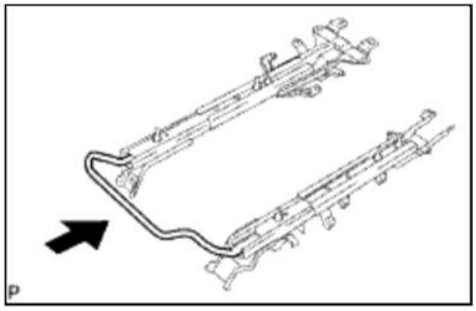
REASSEMBLY

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

A bolt without a torque specification is shown in the standard bolt chart INFO **.**



1. INSTALL REAR SEAT TRACK ADJUSTING HANDLE LH

(a) Install the handle.

HINT:

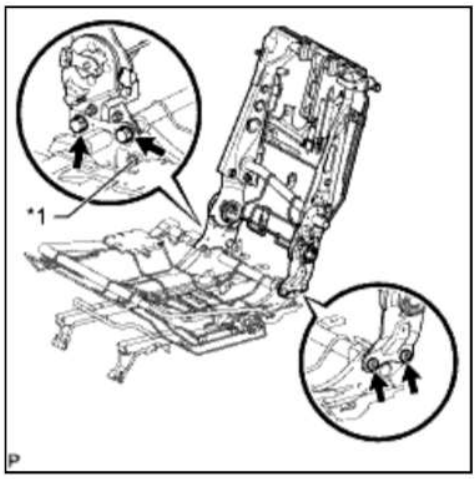
Make sure the handle is straight when installing it, and check that it is centered.

2. INSTALL REAR SEAT CUSHION FRAME SUB-ASSEMBLY LH

(a) Install the seat cushion frame with the 6 nuts.

Torque: 32 N·m (326 kgf·cm, 24ft·lbf)

3. INSTALL REAR SEATBACK FRAME SUB-ASSEMBLY LH



(a) Temporarily install the seatback frame with the 2 bolts and 2 "TORX" bolts.

(b) Install the bolt to the bolt hole for the outer belt.

Text in Illustration

*1	Outer Belt Installation Bolt

(c) Using a T45 "TORX" socket wrench, tighten the 2 "TORX" bolts.

Torque: 42 N·m (428 kgf·cm, 31ft·lbf)

(d) Tighten the 2 bolts.

Torque: 42 N·m (428 kgf·cm, 31ft·lbf)

(e) Remove the bolt from the bolt hole for the outer belt.

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4. INSTALL REAR BACK LOCK CONTROL LEVER SUB-ASSEMBLY LH

(a) Install the lever with the 2 nuts.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

5. INSTALL REAR NO. 2 SEAT RECLINING CONTROL CABLE

(a) Install the cable to the seat frame.

(b) Attach the 3 cable clamps and connect the cable.

6. INSTALL REAR SEAT RECLINING CONTROL CABLE

(a) Install the cable to the seat frame.

(b) Attach the 3 cable clamps and connect the cable.

(c) Install 4 new cable ties.

7. INSTALL NO. 1 SEAT 3 POINT TYPE BELT ASSEMBLY LH INFO

8. INSTALL REAR SEAT SHOULDER BELT GUIDE

(a) Attach the guide and claw to install the belt guide.

9. INSTALL REAR SEATBACK SPRING DAMPER

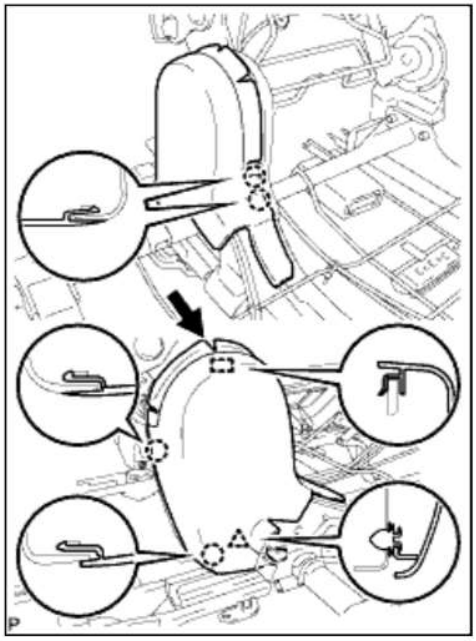
(a) Install the damper with the 2 nuts.

10. INSTALL REAR SEAT RECLINING COVER INNER LH

(a) Attach the guide and claw to install the cover.

11. INSTALL CAP

(a) Attach the 2 claws to install the cap.



12. INSTALL REAR SEAT REAR CUSHION MOULDING LH

(a) Move the moulding in the direction of the arrow to attach the guide.

(b) Attach the 4 claws and clip to install the moulding.

13. INSTALL RECLINING ADJUSTER INSIDE COVER LH

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(a) Attach the 2 claws to install the cover.

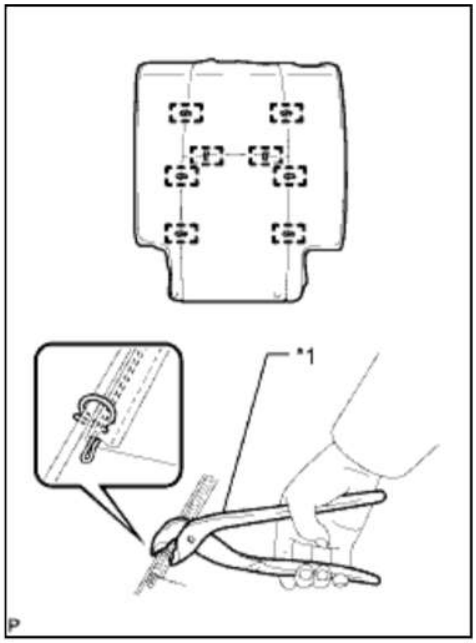
(b) Install the 2 screws.

14. INSTALL REAR SEAT INNER RECLINING COVER LH

(a) Attach the guide and install the cover with the 2 screws.

15. INSTALL REAR SEATBACK EDGE PROTECTOR

(a) Install the protector to the seatback frame.



16. INSTALL SEPARATE TYPE REAR SEATBACK COVER

(a) Using hog ring pliers, install the seatback cover to the seatback pad with new hog rings.

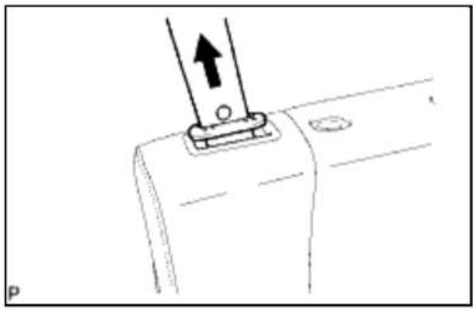
Text in Illustration

*1	Hog Ring Pliers

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

17. INSTALL SEATBACK COVER WITH PAD

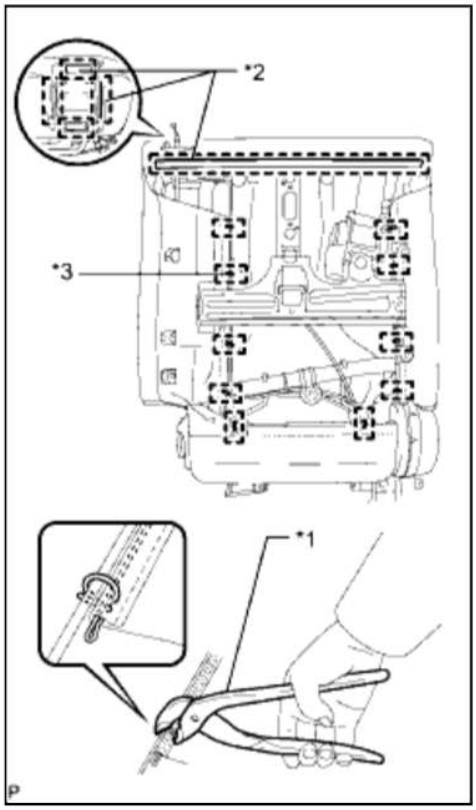


(a) Connect the outer belt to the seatback cover with pad.

(b) Attach the hooks.

Text in Illustration

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*1	Hog Ring Pliers
*2	Hook
*3	Hog Ring

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

18. INSTALL REAR NO. 1 SEAT HEADREST SUPPORT ASSEMBLY

(a) Attach the 4 claws to install the 2 supports.

19. INSTALL REAR SEATBACK BOARD CARPET ASSEMBLY LH

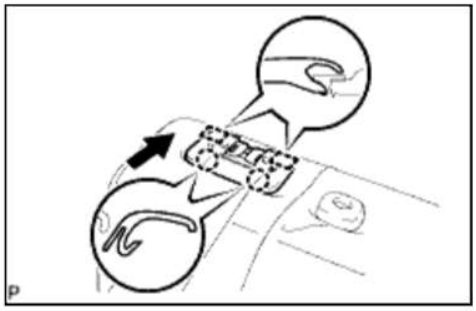
(a) Attach the 7 clips to install the carpet.

20. INSTALL REAR SEATBACK COVER

(a) Attach the 4 claws to install the cover.

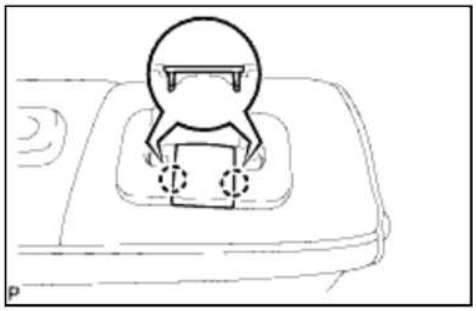
21. INSTALL REAR SEAT SHOULDER BELT COVER

(a) Connect the outer belt to the cover.



(b) Attach the 2 guides and 2 claws to install the cover.

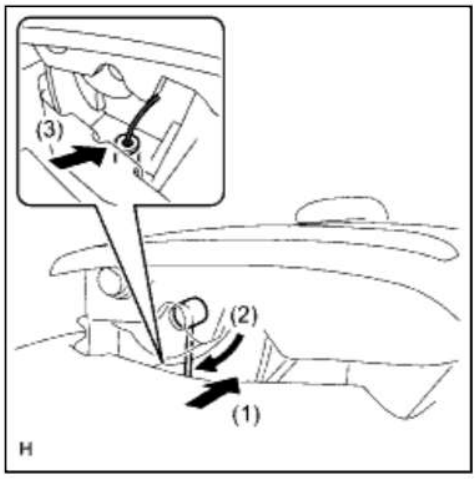
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22. INSTALL SEAT BELT ANCHOR COVER CAP

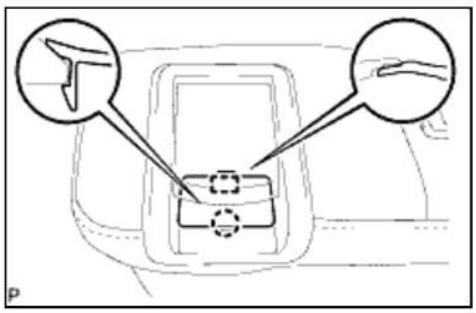
(a) Attach the 2 claws to install the cap.

23. INSTALL REAR SEAT LOCK CONTROL LEVER SUB-ASSEMBLY LH



(a) Connect the cable in the order shown in the illustration to install the lever.

(b) Install the 2 screws.



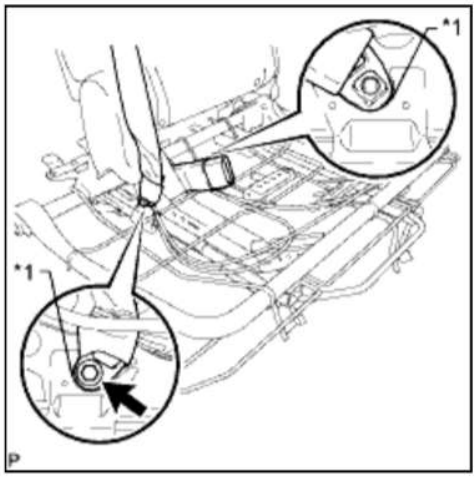
24. INSTALL RECLINING ADJUSTER KNOB CAP LH

(a) Attach the guide and claw to install the cap.

25. INSTALL REAR NO. 1 SEAT INNER BELT ASSEMBLY LH

(a) Install the inner belt and connect the center outer belt with the bolt.

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Torque: 42 N·m (428 kgf·cm, 31ft·lbf)

NOTICE:

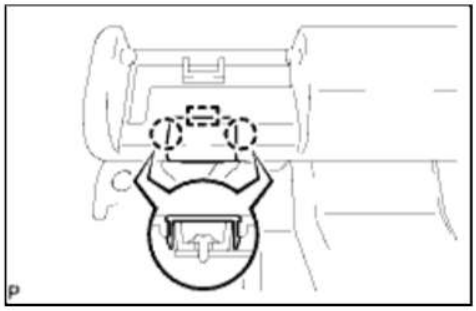
Do not allow the anchor part of the center outer belt and inner belt to overlap the protruding parts of the seat cushion frame.

Text in Illustration

*1	Protruding Part

26. INSTALL CENTER NO. 2 SEATBACK COVER

(a) Install the cover with the 3 screws.

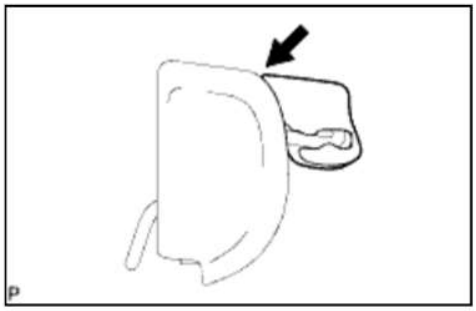


27. INSTALL COAT HOOK CAP

(a) Attach the guide and 2 claws to install the cap.

28. INSTALL FOLD SEATBACK WIRE

(a) Attach the 2 claws to install the wire.



29. INSTALL REAR NO. 1 SEAT LOCK CONTROL LEVER

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

30. INSTALL REAR SEAT LOCK ASSEMBLY LH

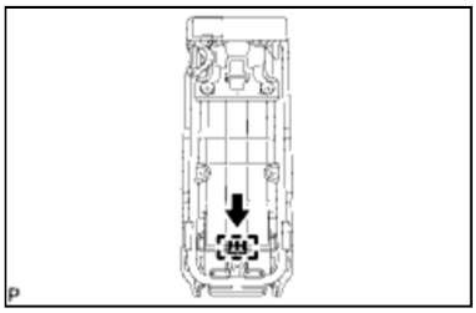
(a) Install the lock with the 2 bolts.

Torque: 21 N·m (214 kgf·cm, 15ft·lbf)

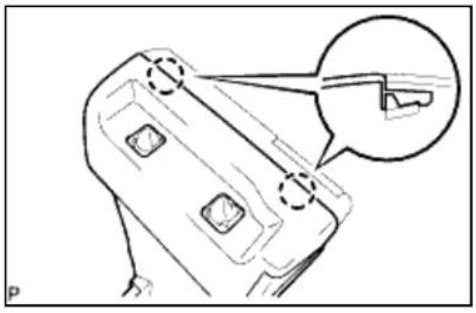
(b) Attach the clamp to connect the wire.

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31. INSTALL NO. 1 SEATBACK COVER



(a) Attach the guide.

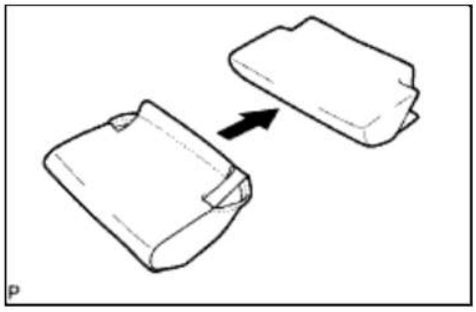


(b) Attach the 2 claws to install the cover.

32. INSTALL REAR SEAT HEADREST SUPPORT

(a) Attach the 4 claws to install the 2 supports.

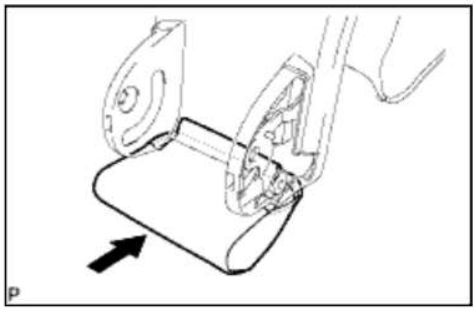
33. INSTALL SEAT ARMREST COVER

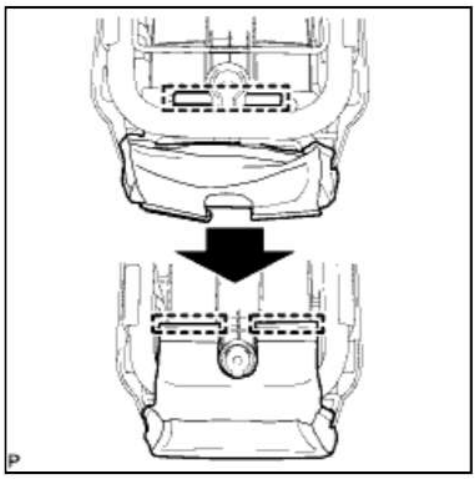


(a) Install the cover to the pad.

(b) Install the cover with pad.

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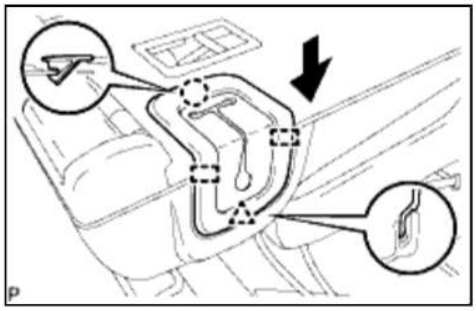




(c) Attach the hooks.

34. INSTALL REAR SEATBACK BOARD SUB-ASSEMBLY

(a) Attach the 5 clips to install the board.



35. INSTALL REAR SEATBACK LOCK COVER

(a) Move the cover in the direction of the arrow to attach the clip and 2 guides.

(b) Attach the claw.

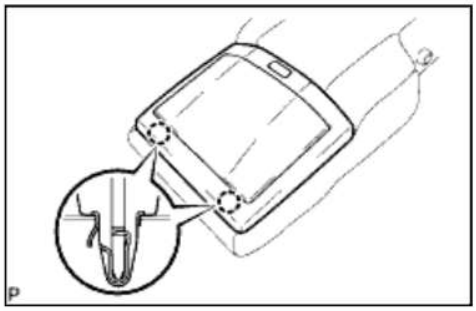
36. INSTALL REAR SEATBACK COVER

(a) Attach the 4 claws to install the cover.

37. INSTALL REAR SEAT CENTER ARMREST CUP HOLDER SUB-ASSEMBLY

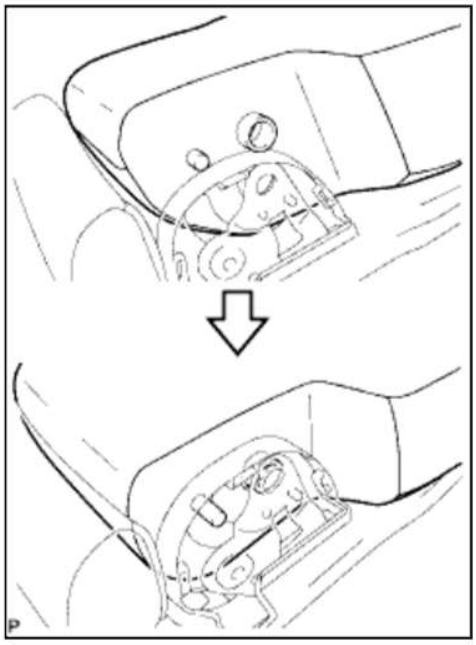
(a) Attach the 2 claws to install the cup holder.

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(b) Install the 2 screws.

38. INSTALL REAR SEAT CENTER ARMREST ASSEMBLY



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

(b) Install the armrest support with the nut.

(c) Using a T45 "TORX" socket wrench, install the armrest and 2 bushes with the 2 "TORX" bolts.

Torque: 21 N·m (214 kgf·cm, 15ft·lbf)

39. INSTALL REAR SEATBACK STAY COVER RH

(a) Attach the guide and 3 claws to install the cover.

40. INSTALL REAR SEATBACK STAY COVER LH

(a) Attach the guide and 3 claws to install the cover.

41. INSTALL REAR SEAT RECLINING BRACKET RH

(a) Using a T45 "TORX" socket wrench, install the bracket and bush with the "TORX" bolt.

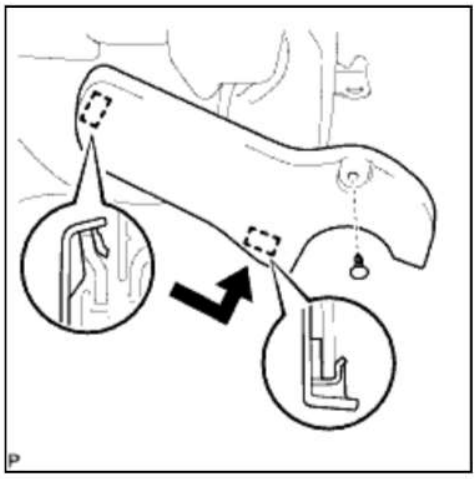
Torque: 21 N·m (214 kgf·cm, 15ft·lbf)

42. INSTALL REAR SEAT RECLINING BRACKET LH

(a) Using a T45 "TORX" socket wrench, install the bracket and bush with the "TORX" bolt.

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Torque: 21 N·m (214 kgf·cm, 15ft·lbf)



43. INSTALL CENTER SEAT HINGE COVER

(a) Attach the 2 guides and install the cover with the clip.

44. INSTALL REAR SEAT CENTER HEADREST ASSEMBLY

(a) Install the headrest.

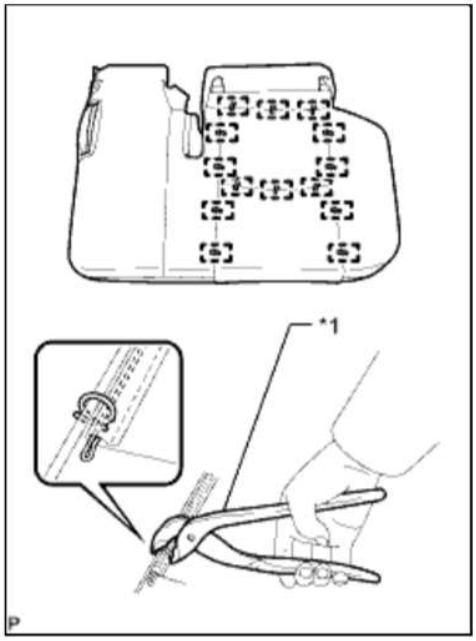
45. INSTALL CENTER SEATBACK ASSEMBLY

(a) Install the center seatback with the 2 bolts.

Torque: 21 N·m (214 kgf·cm, 15ft·lbf)

46. INSTALL REAR SEAT CUSHION EDGE PROTECTOR

(a) Install the protector to the cushion spring.



47. INSTALL SEPARATE TYPE REAR SEAT CUSHION COVER

(a) Using hog ring pliers, install the seat cushion cover to the seat cushion pad with new hog rings.

Text in Illustration

*1	Hog Ring Pliers

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

48. INSTALL REAR NO. 2 SEAT PROTECTOR

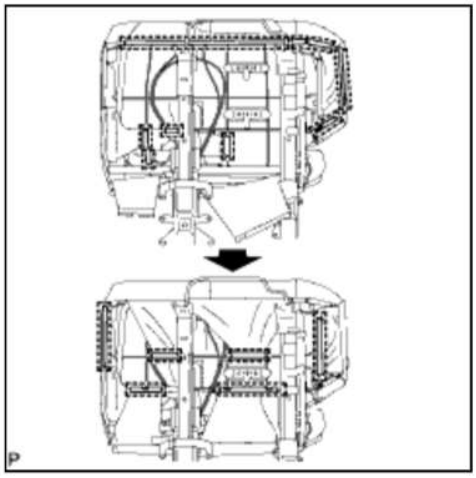
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(a) Install the 2 protectors to the cushion pad.

49. INSTALL SEAT CUSHION COVER WITH PAD



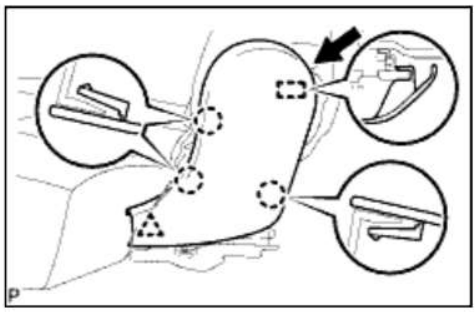
(a) Attach the hook.



(b) Attach the hooks to install the seat cushion cover with pad.

50. INSTALL REAR SEATBACK LOCK STRIKER COVER LH

(a) Attach the 3 clips to install the cover.

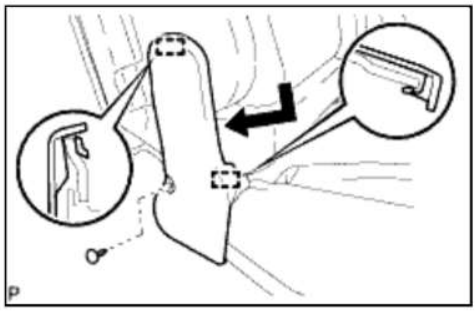


51. INSTALL REAR SEAT CUSHION MOULDING LH

(a) Move the moulding in the direction of the arrow to attach the guide.

(b) Attach the 3 claws and clip to install the moulding.

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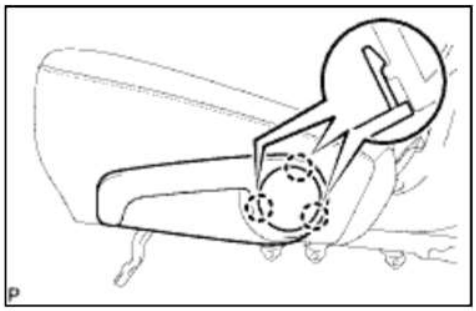


52. INSTALL CENTER SEAT HINGE COVER RH

(a) Attach the 2 guides and install the cover with the clip.

53. INSTALL RECLINING ADJUSTER RELEASE HANDLE LH

(a) Install the handle with the 3 screws.



54. INSTALL REAR SEAT UPPER RECLINING COVER LH

(a) Attach the 3 claws to install the cover.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468A001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Slide Walk-in Seat Type LH Side): REMOVAL (2010 4Runner)		

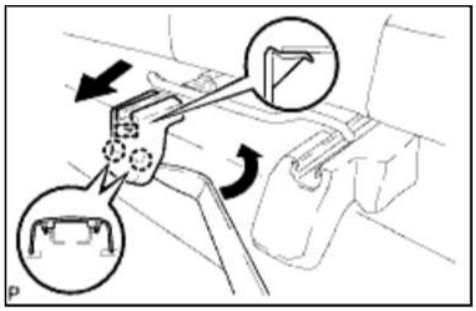
REMOVAL

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

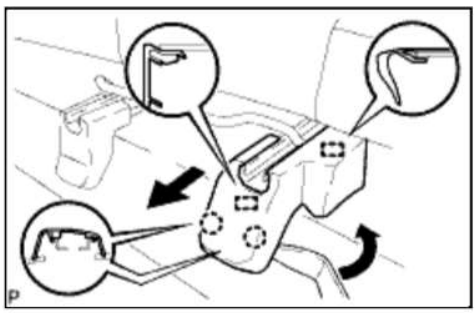
1. REMOVE REAR SEAT HEADREST ASSEMBLY

(a) Remove the headrest.



2. REMOVE REAR SEAT TRACK INNER BRACKET COVER

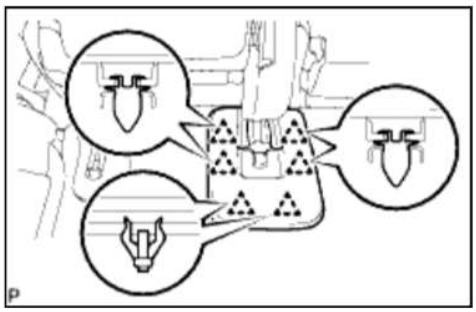
(a) Using a moulding remover, detach the 2 claws and guide, and then remove the cover.



3. REMOVE REAR SEAT TRACK OUTER BRACKET COVER

(a) Using a moulding remover, detach the 2 claws.

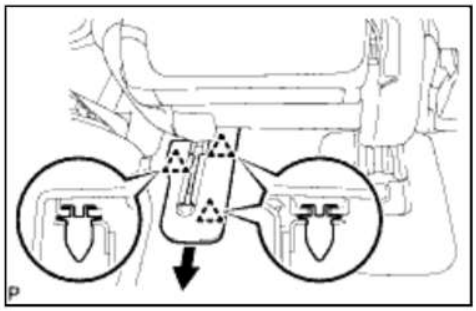
(b) Move the cover in the direction of the arrow to detach the 2 guides, and then remove the cover.



4. REMOVE SEAT TRACK INNER BRACKET COVER LH

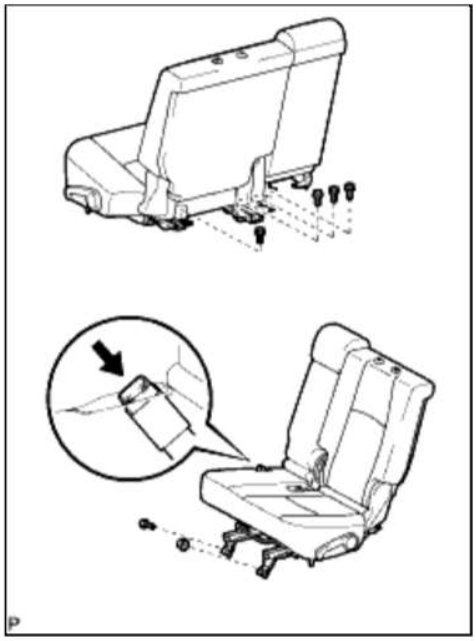
(a) Using a clip remover, detach the 6 clips and remove the cover.

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5. REMOVE REAR SEAT TRACK COVER LH

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



6. REMOVE REAR SEAT ASSEMBLY LH

(a) Disconnect the center inner seat belt from the seat.

(b) Remove the 5 bolts, nut and seat.

NOTICE:

Be careful not to damage the vehicle body.

HINT:

Be sure to remove the seat with the seatback folded down.

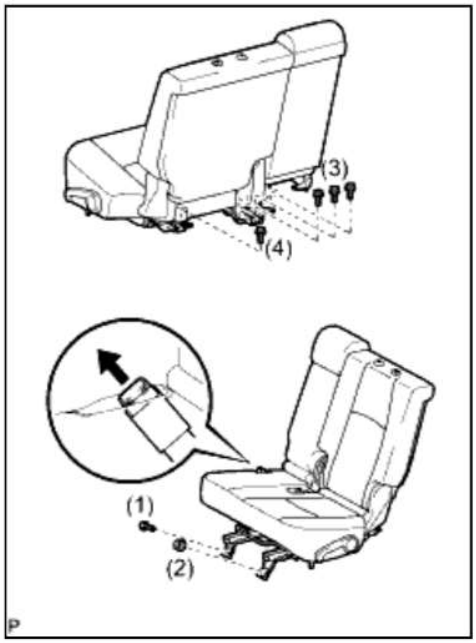
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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000004688001X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Slide Walk-in Seat Type LH Side): INSTALLATION (2010 4Runner)		

INSTALLATION

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.



1. INSTALL REAR SEAT ASSEMBLY LH

(a) Place the seat in the cabin.

NOTICE:

Be careful not to damage the vehicle body.

HINT:

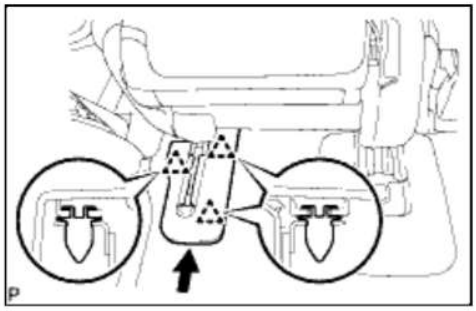
Be sure to install the seat with the seatback folded down.

(b) Connect the center inner belt to the seat.

(c) Temporarily install the seat with the 5 bolts and nut.

(d) Tighten the bolts and nut in the order indicated in the illustration.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)



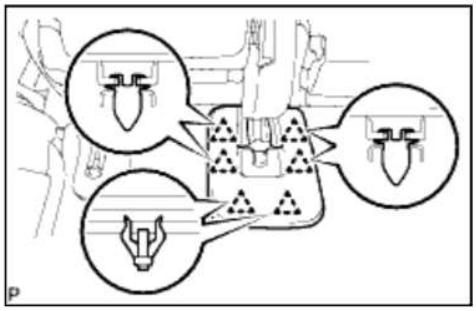
2. INSTALL REAR SEAT TRACK COVER LH

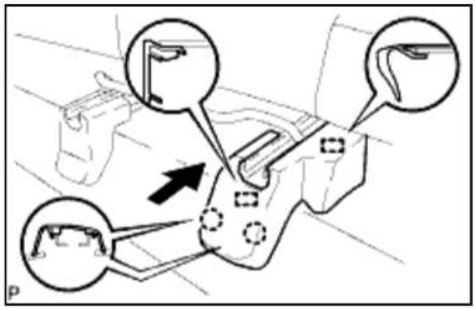
(a) Attach the 3 clips to install the cover.

3. INSTALL SEAT TRACK INNER BRACKET COVER LH

(a) Attach the 6 clips to install the cover.

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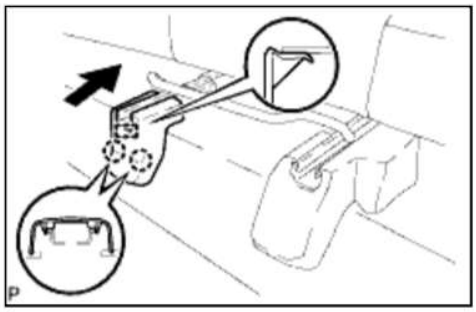




4. INSTALL REAR SEAT TRACK OUTER BRACKET COVER

(a) Move the cover in the direction of the arrow to attach the 2 guides.

(b) Attach the 2 claws to install the cover.



5. INSTALL REAR SEAT TRACK INNER BRACKET COVER

(a) Attach the 2 claws and guide to install the cover.

6. INSTALL REAR SEAT HEADREST ASSEMBLY

(a) Install the headrest.

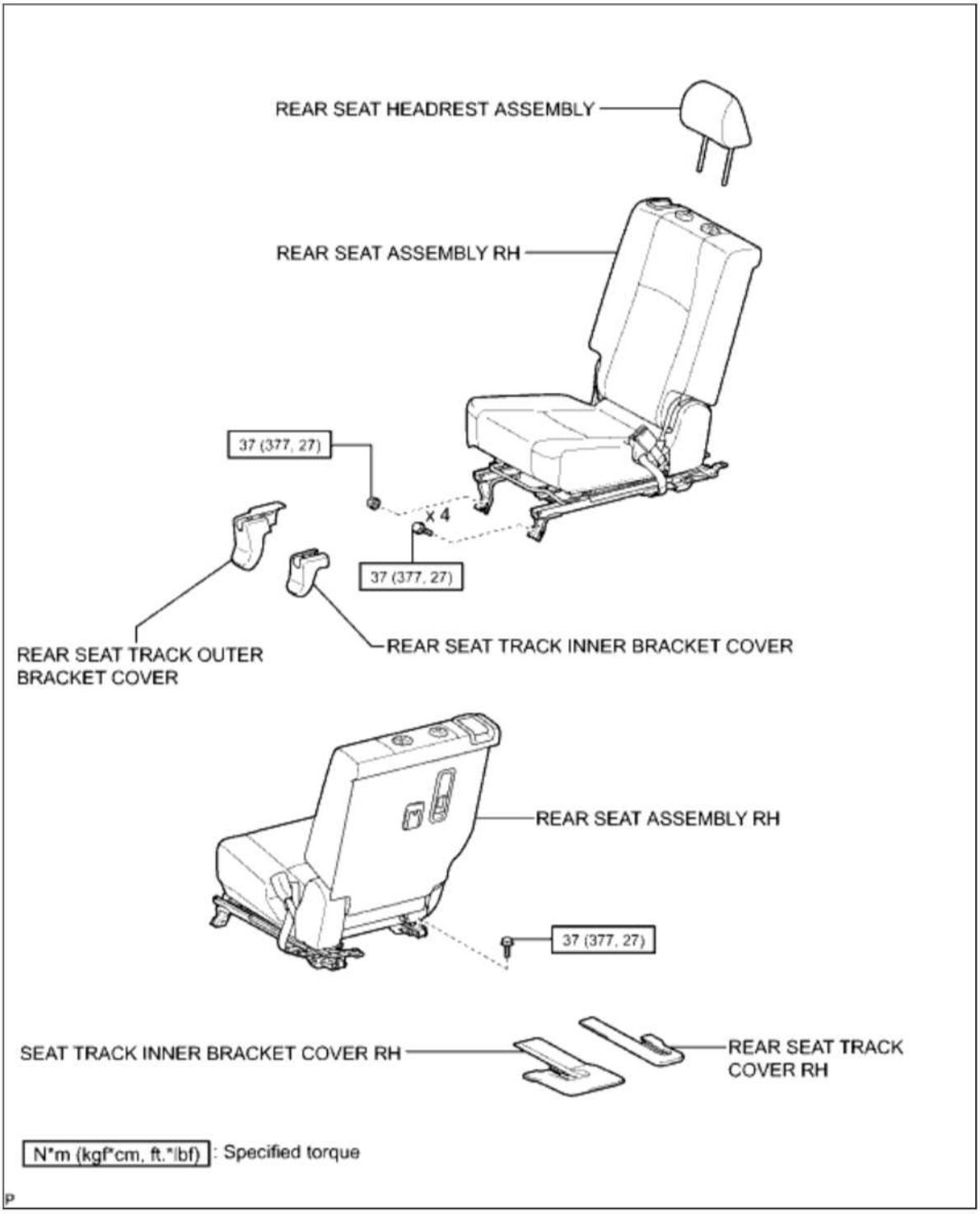
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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468E002X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Slide Walk-in Seat Type RH Side): COMPONENTS (2010 4Runner)		

COMPONENTS

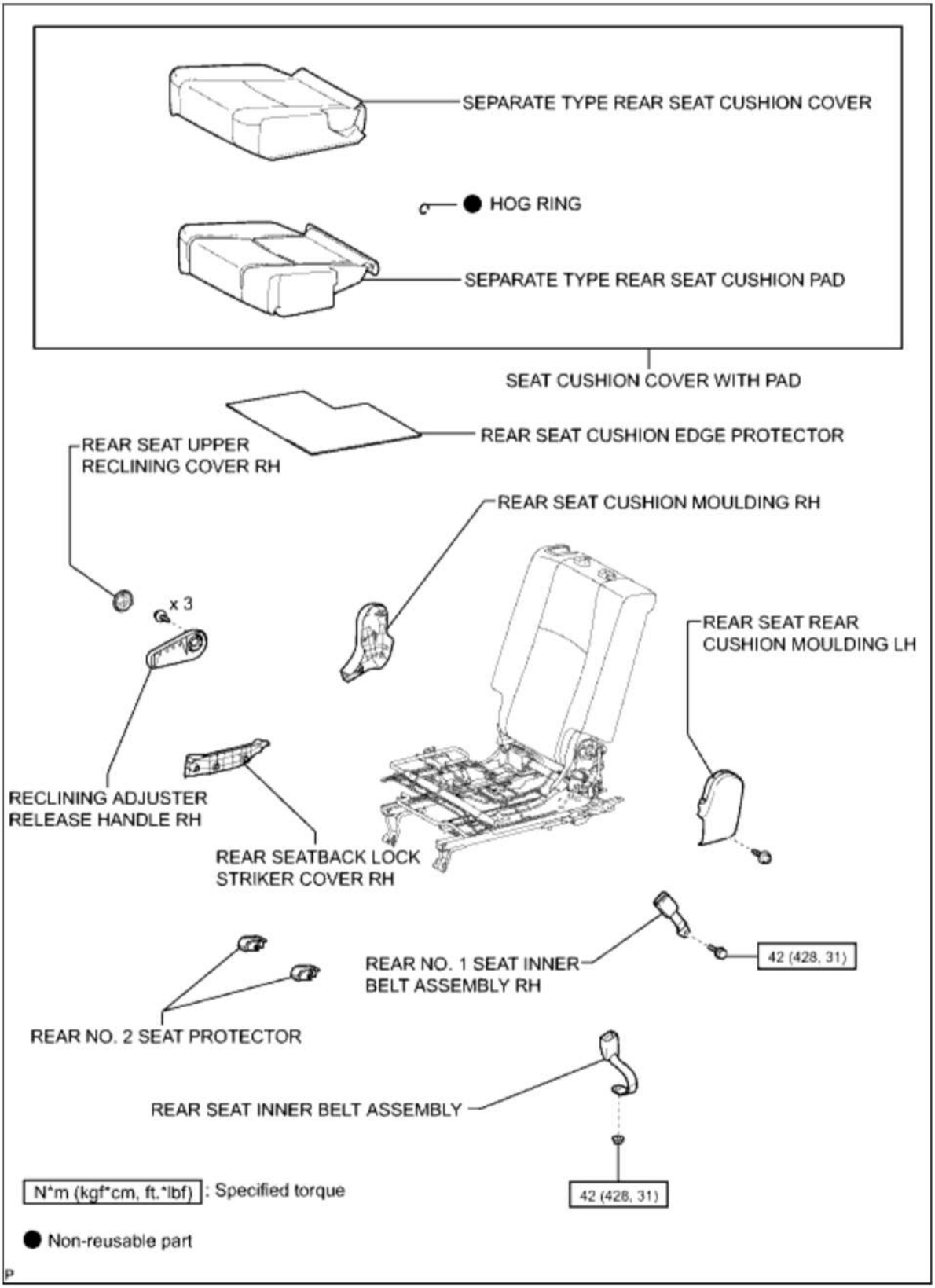
ILLUSTRATION

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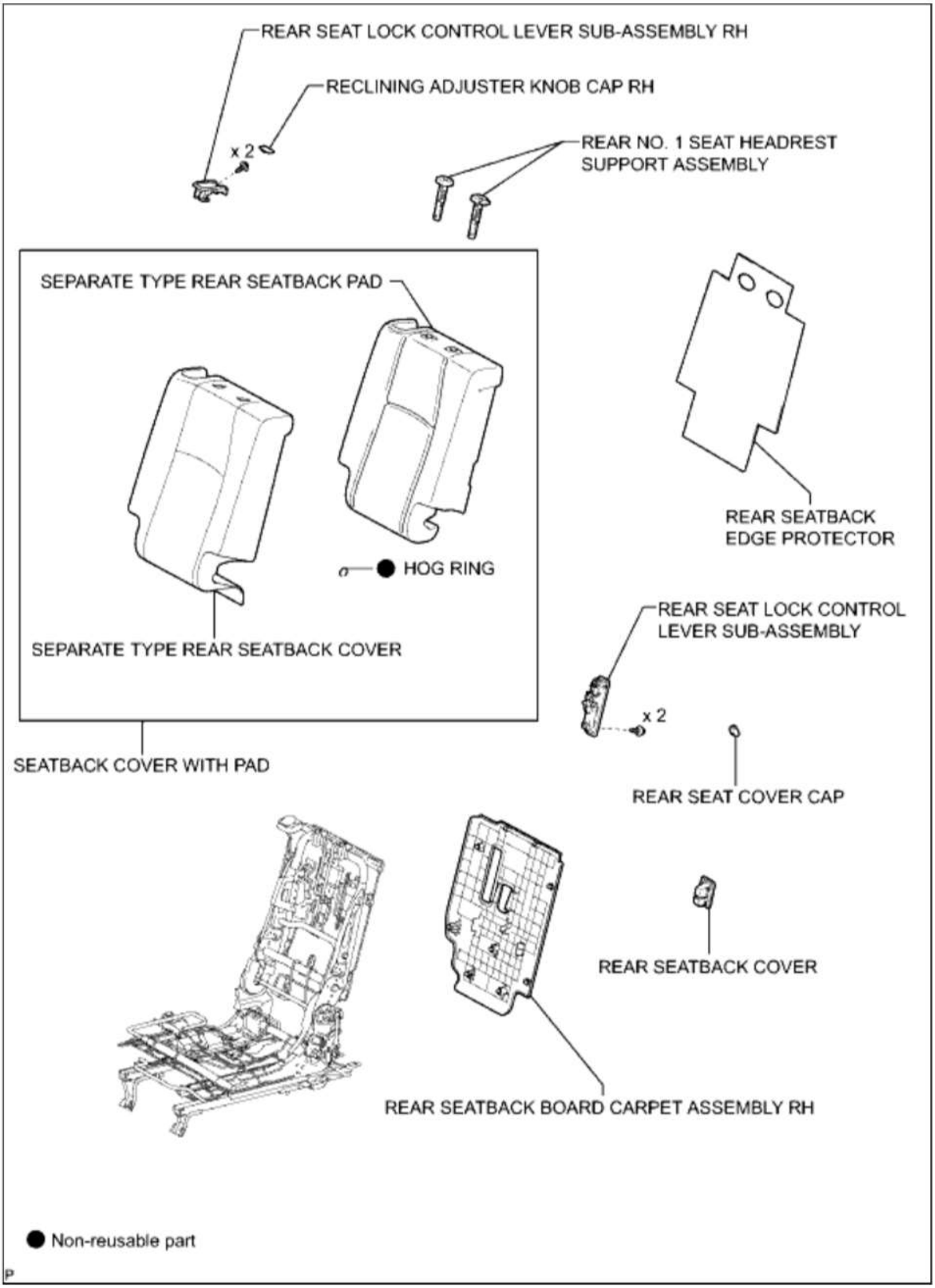
ILLUSTRATION

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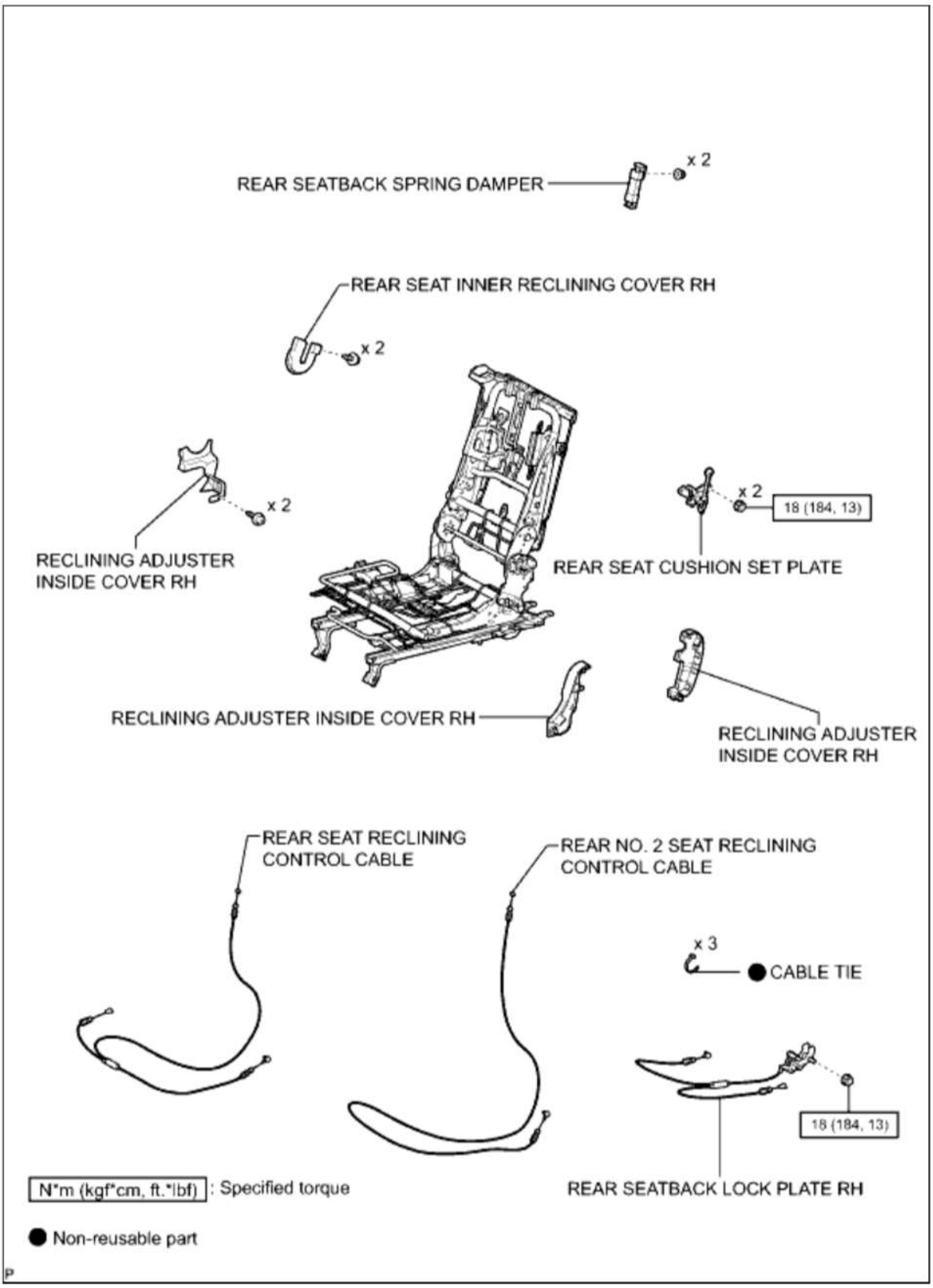
ILLUSTRATION

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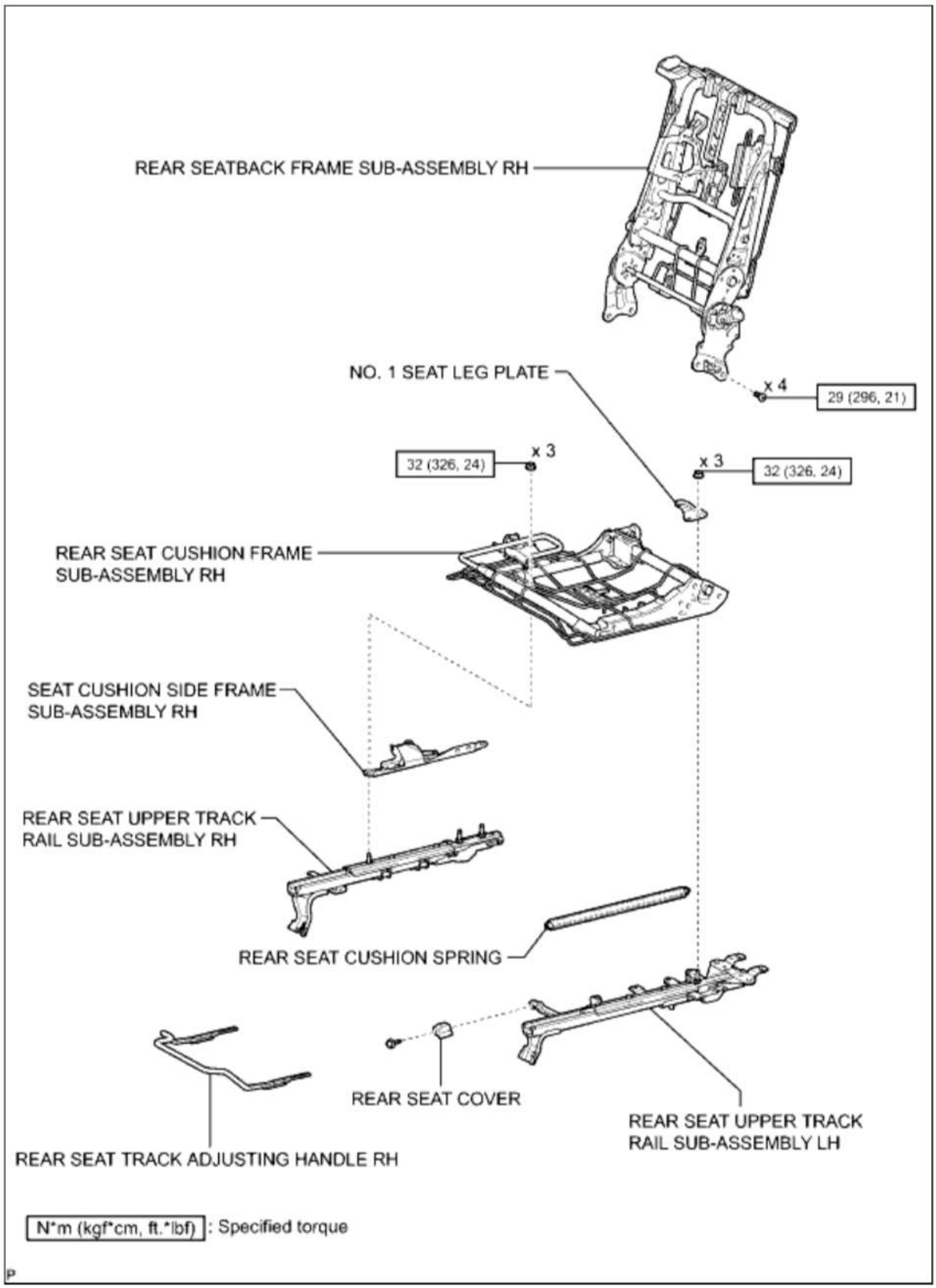
ILLUSTRATION

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ILLUSTRATION

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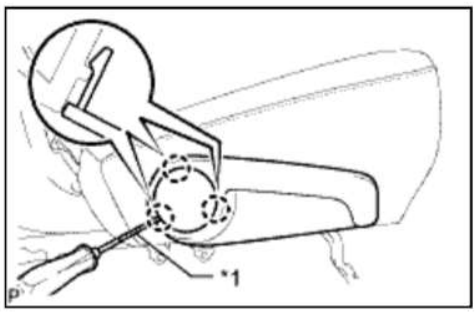
cardiagn.com

Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468G002X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Slide Walk-in Seat Type RH Side): DISASSEMBLY (2010 4Runner)		

DISASSEMBLY

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.



1. REMOVE REAR SEAT UPPER RECLINING COVER RH

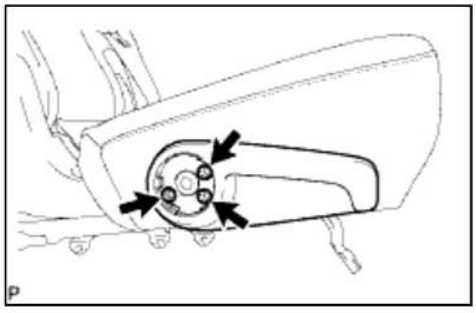
(a) Using a screwdriver, detach the 3 claws and remove the cover.

HINT:

Tape the screwdriver tip before use.

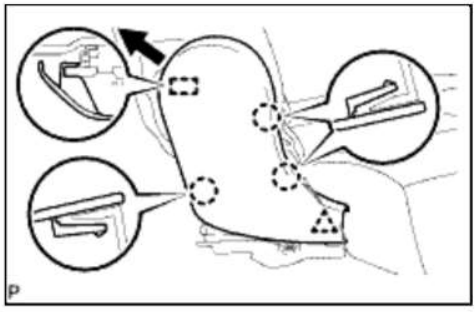
Text in Illustration

*1	Protective Tape



2. REMOVE RECLINING ADJUSTER RELEASE HANDLE RH

(a) Remove the 3 screws and handle.



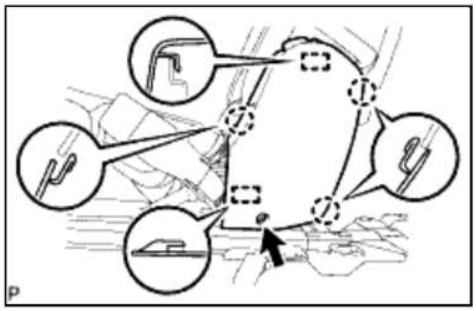
3. REMOVE REAR SEAT CUSHION MOULDING RH

(a) Using a clip remover, detach the clip.

(b) Using a moulding remover, detach the 3 claws.

(c) Move the moulding in the direction of the arrow to detach the guide and remove the moulding.

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4. REMOVE REAR SEAT REAR CUSHION MOULDING LH

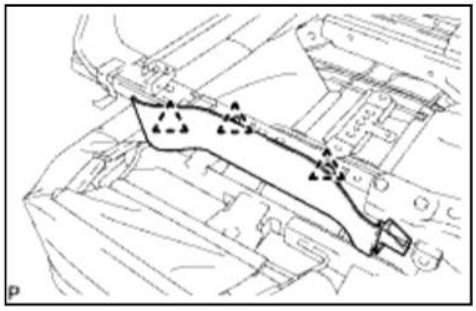
(a) Remove the screw.

(b) Using a moulding remover, detach the 3 claws.

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

5. REMOVE REAR NO. 1 SEAT INNER BELT ASSEMBLY RH INFO

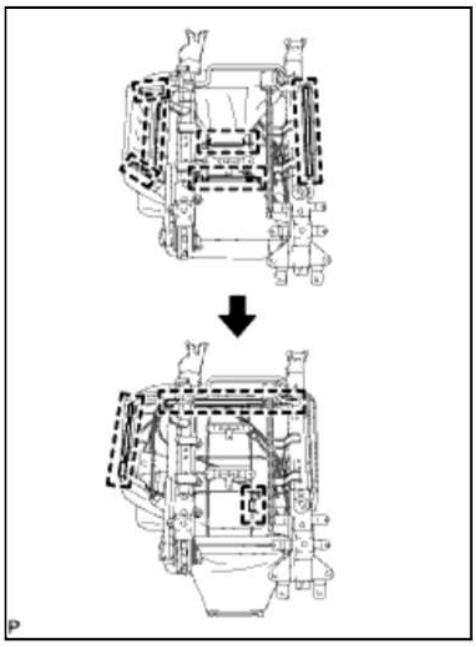
6. REMOVE REAR SEAT INNER BELT ASSEMBLY INFO



7. REMOVE REAR SEATBACK LOCK STRIKER COVER RH

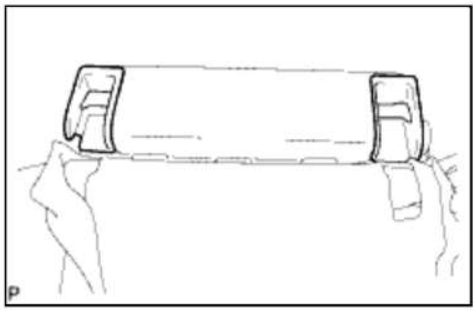
(a) Using a clip remover, detach the 3 clips and remove the cover.

8. REMOVE SEAT CUSHION COVER WITH PAD



(a) Detach the hooks and remove the seat cushion cover with pad.

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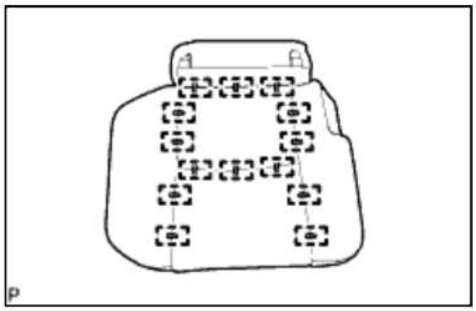


9. REMOVE REAR NO. 2 SEAT PROTECTOR

(a) Remove the 2 protectors from the cushion pad.

10. REMOVE REAR SEAT CUSHION EDGE PROTECTOR

(a) Remove the protector from the cushion spring.

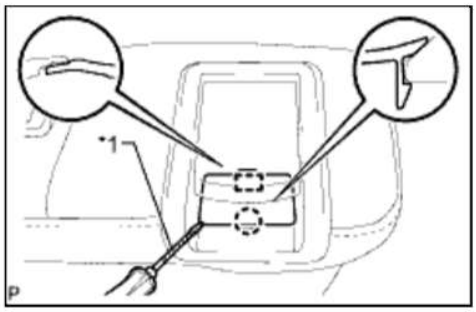


11. REMOVE SEPARATE TYPE REAR SEAT CUSHION COVER

(a) Remove the hog rings and seat cushion cover from the seat cushion pad.

12. REMOVE RECLINING ADJUSTER KNOB CAP RH

(a) Using a screwdriver, detach the claw and guide, and then remove the cap.



HINT:

Tape the screwdriver tip before use.

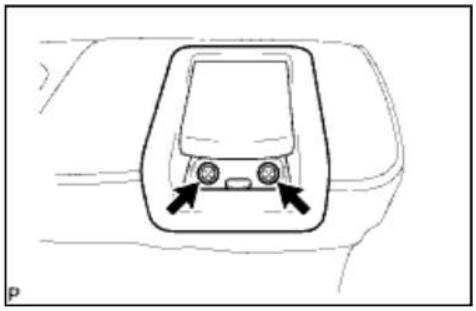
Text in Illustration

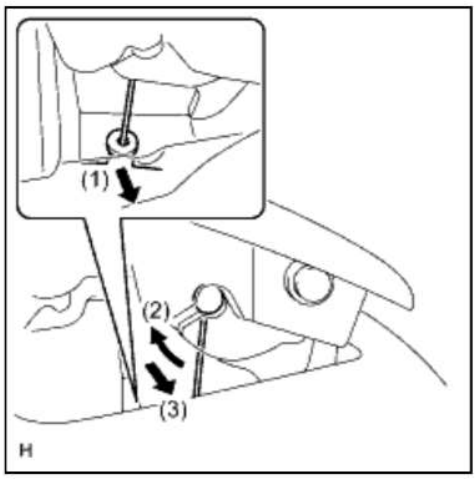
*1	Protective Tape

13. REMOVE REAR SEAT LOCK CONTROL LEVER SUB-ASSEMBLY RH

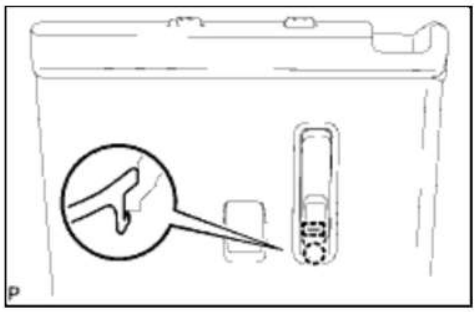
(a) Remove the 2 screws.

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(b) Disconnect the cable in the order shown in the illustration and remove the lever.



14. REMOVE REAR SEAT COVER CAP

(a) Using a screwdriver, detach the claw and guide, and then remove the cover cap.

HINT:

Tape the screwdriver tip before use.

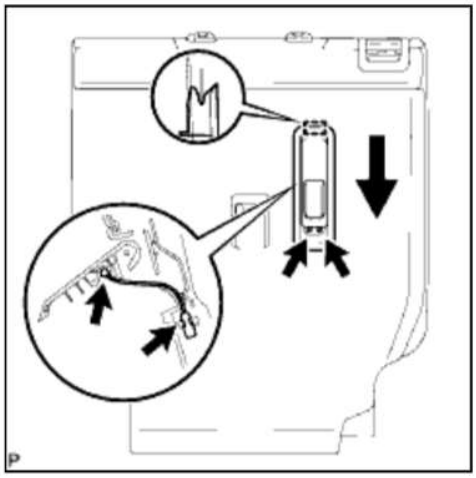
15. REMOVE REAR SEAT LOCK CONTROL LEVER SUB-ASSEMBLY

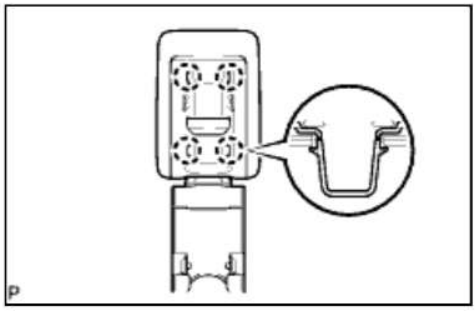
(a) Remove the 2 screws.

(b) Move the lever in the direction of the arrow to detach the guide and remove the lever.

(c) Detach the cable clamp and disconnect the cable from the lever.

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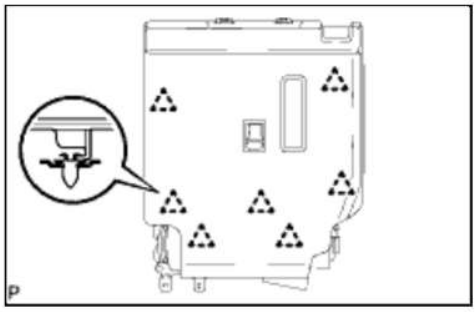


16. REMOVE REAR SEATBACK COVER

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

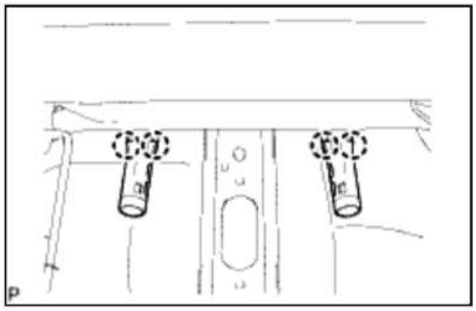
HINT:

Tape the screwdriver tip before use.



17. REMOVE REAR SEATBACK BOARD CARPET ASSEMBLY RH

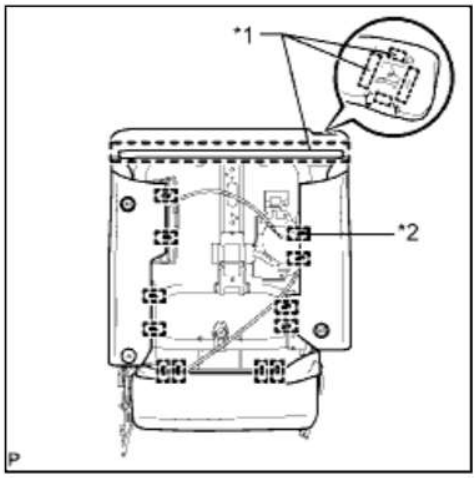
(a) Using a clip remover, detach the 7 clips and remove the carpet.



18. REMOVE REAR NO. 1 SEAT HEADREST SUPPORT ASSEMBLY

(a) Detach the 4 claws and remove the 2 supports.

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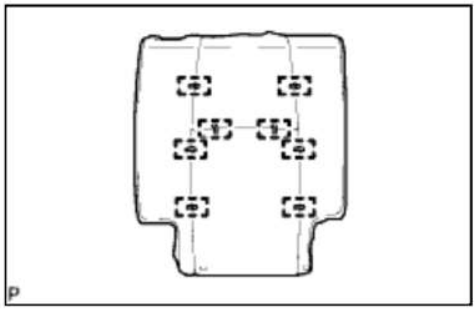


19. REMOVE SEATBACK COVER WITH PAD

(a) Remove the hog rings and detach the hooks, and then remove the seatback cover with pad.

Text in Illustration

*1	Hook
*2	Hog Ring

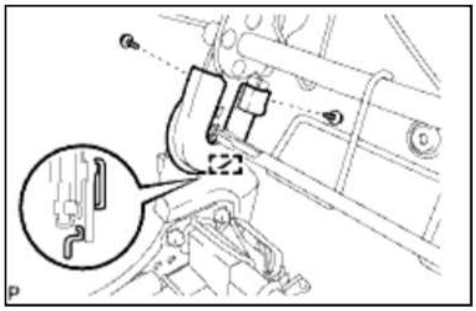


20. REMOVE SEPARATE TYPE REAR SEATBACK COVER

(a) Remove the hog rings and cover from the seatback pad.

21. REMOVE REAR SEATBACK EDGE PROTECTOR

(a) Remove the protector from the seatback frame.



22. REMOVE REAR SEAT INNER RECLINING COVER RH

(a) Remove the 2 screws.

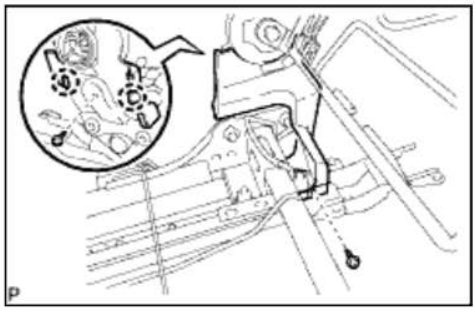
(b) Detach the guide and remove the cover.

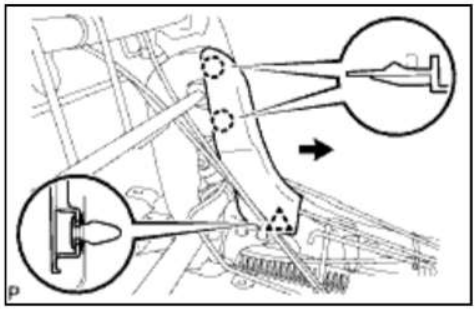
23. REMOVE RECLINING ADJUSTER INSIDE COVER RH

(a) Remove the 2 screws.

(b) Detach the 2 claws and remove the cover.

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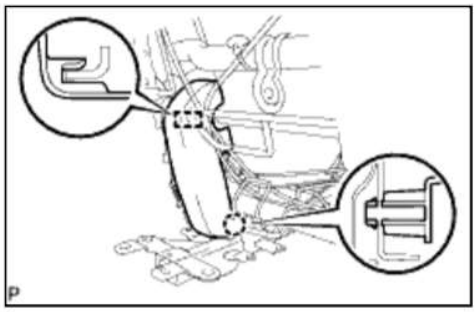




24. REMOVE RECLINING ADJUSTER INSIDE COVER RH

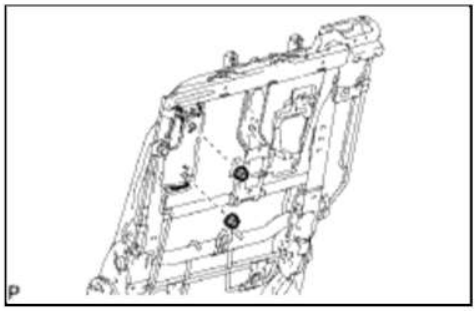
(a) Using a clip remover, detach the clip.

(b) Move the cover in the direction of the arrow to detach the 2 claws and remove the cover.



25. REMOVE RECLINING ADJUSTER INSIDE COVER RH

(a) Detach the claw and guide and remove the cover.



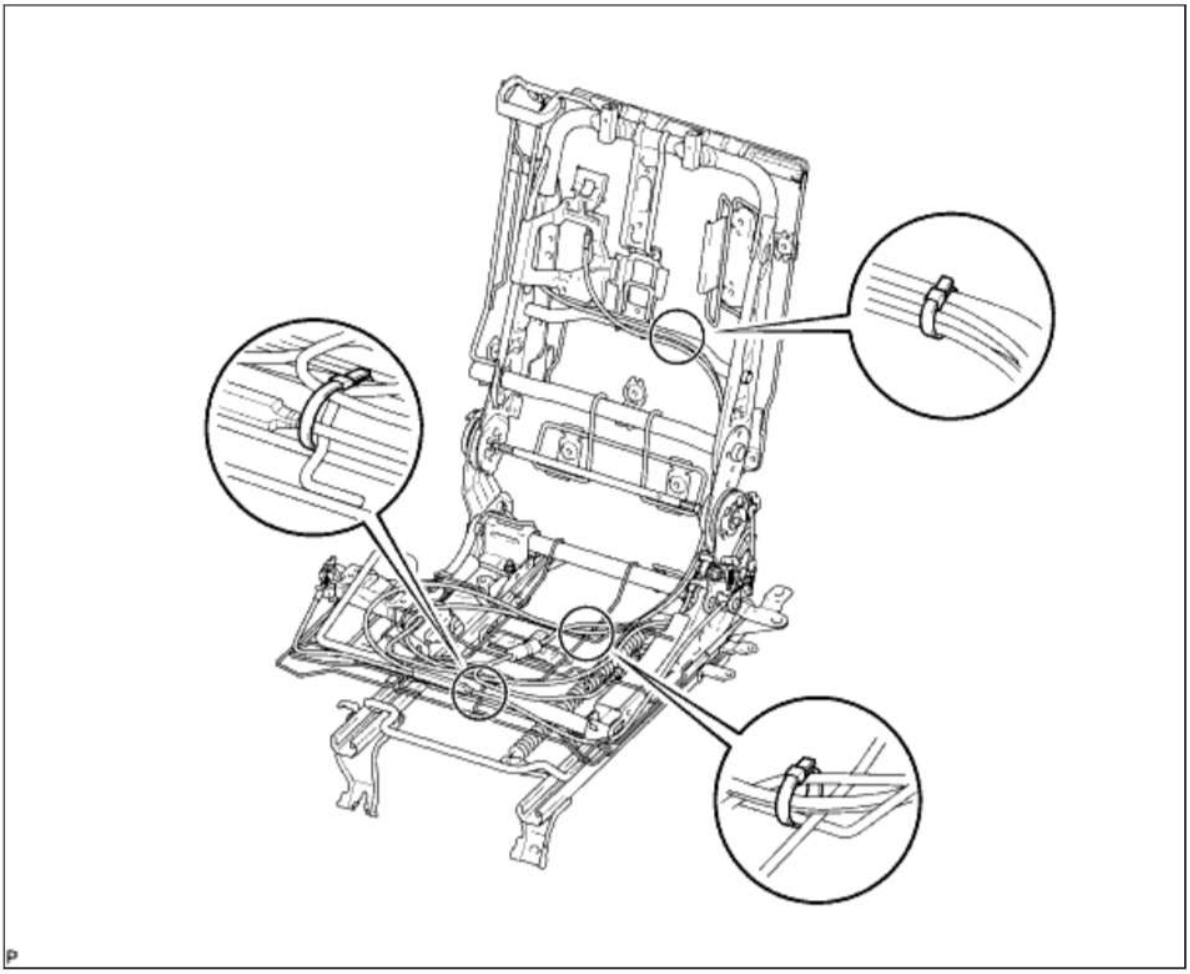
26. REMOVE REAR SEATBACK SPRING DAMPER

(a) Remove the 2 nuts and damper.

27. REMOVE REAR SEAT RECLINING CONTROL CABLE

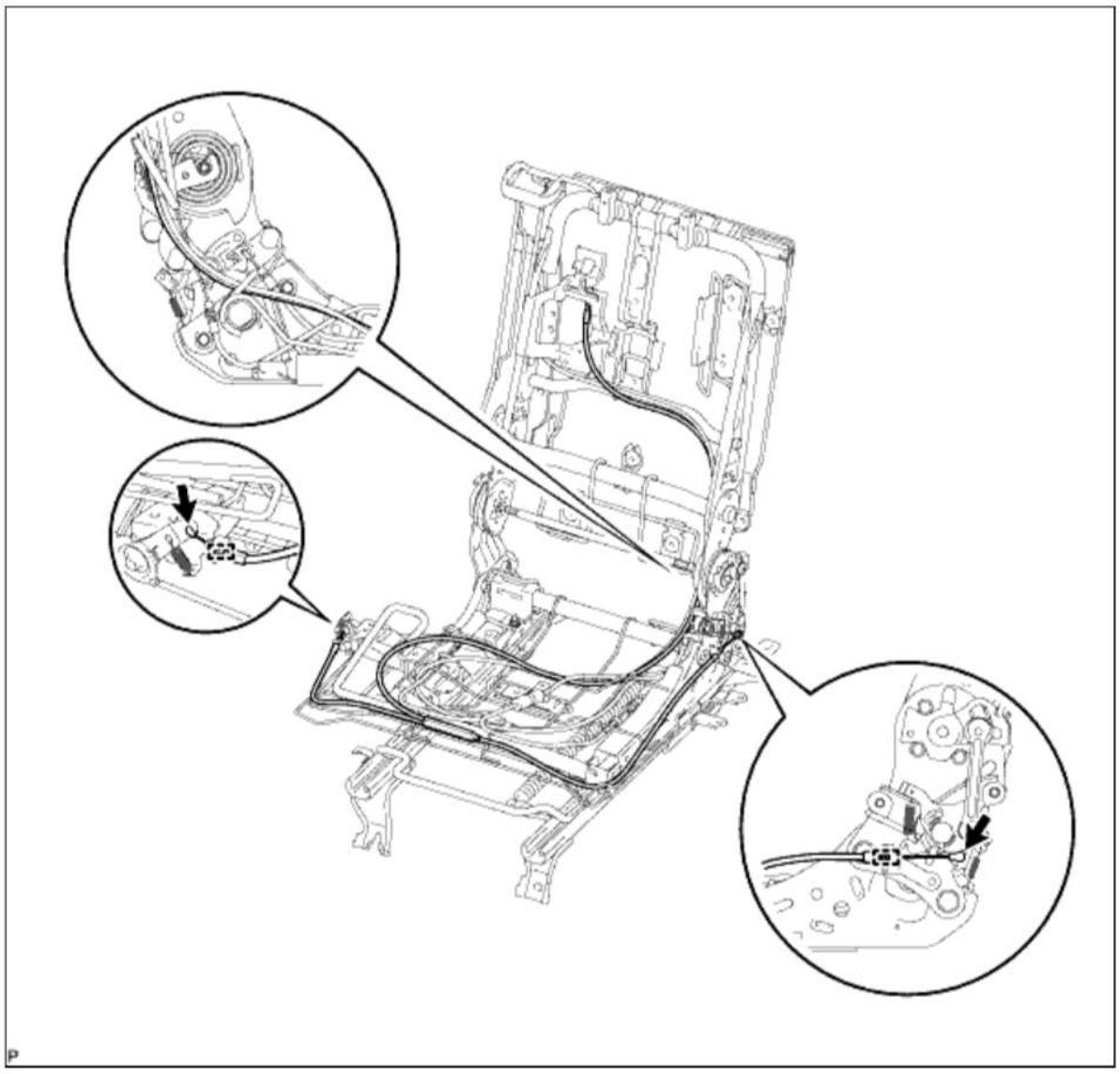
(a) Cut off the 3 cable ties.

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(b) Detach the 2 cable clamps and disconnect the cable, and then remove the cable.

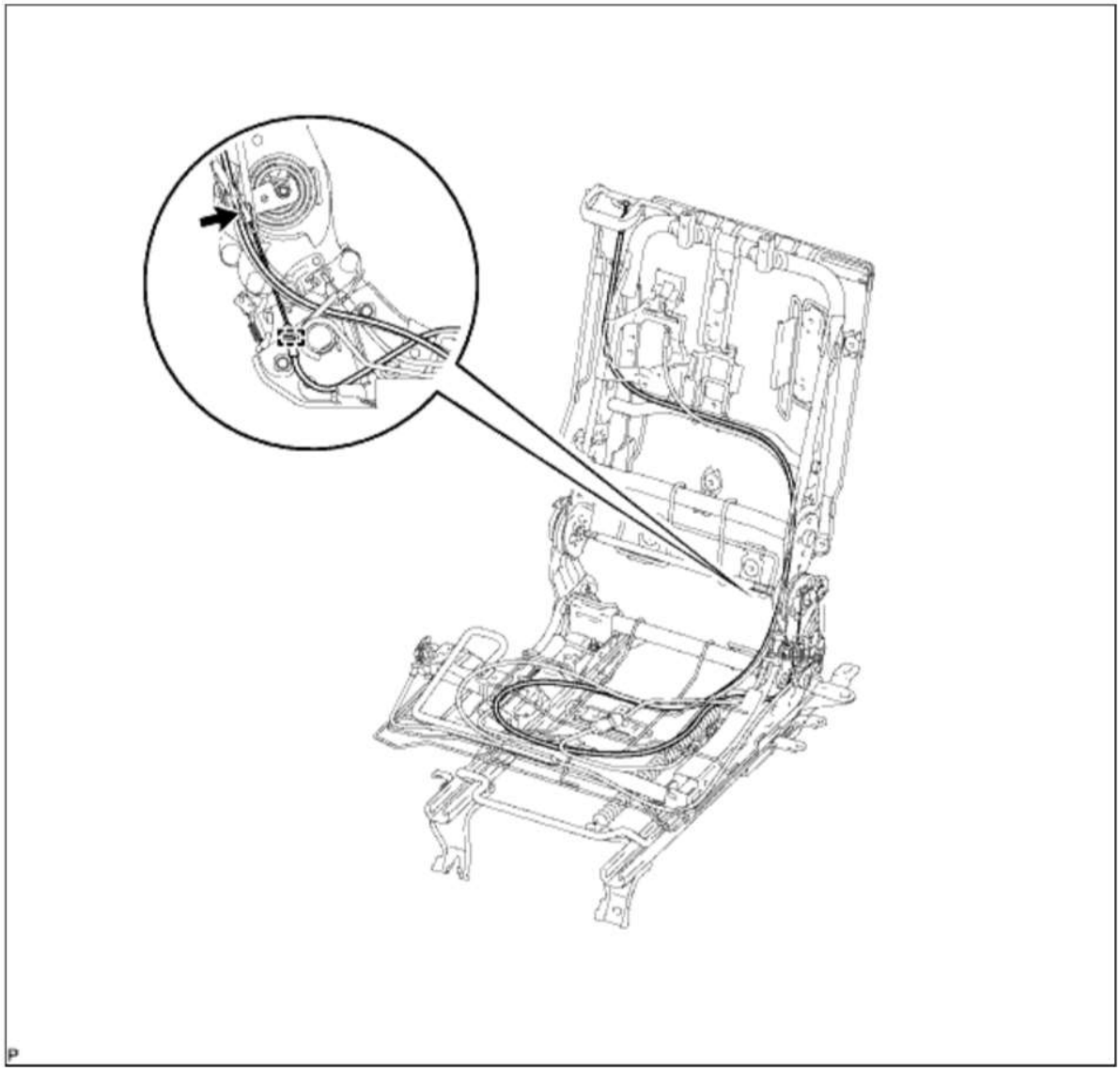
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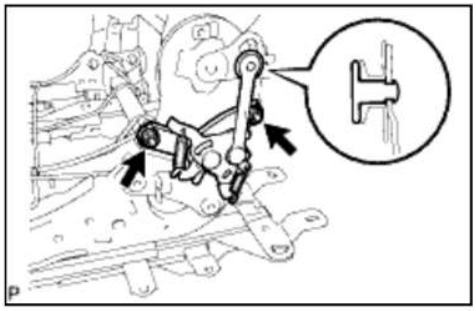


28. REMOVE REAR NO. 2 SEAT RECLINING CONTROL CABLE

(a) Detach the cable clamp and disconnect the cable, and then remove the cable.

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29. REMOVE REAR SEAT CUSHION SET PLATE

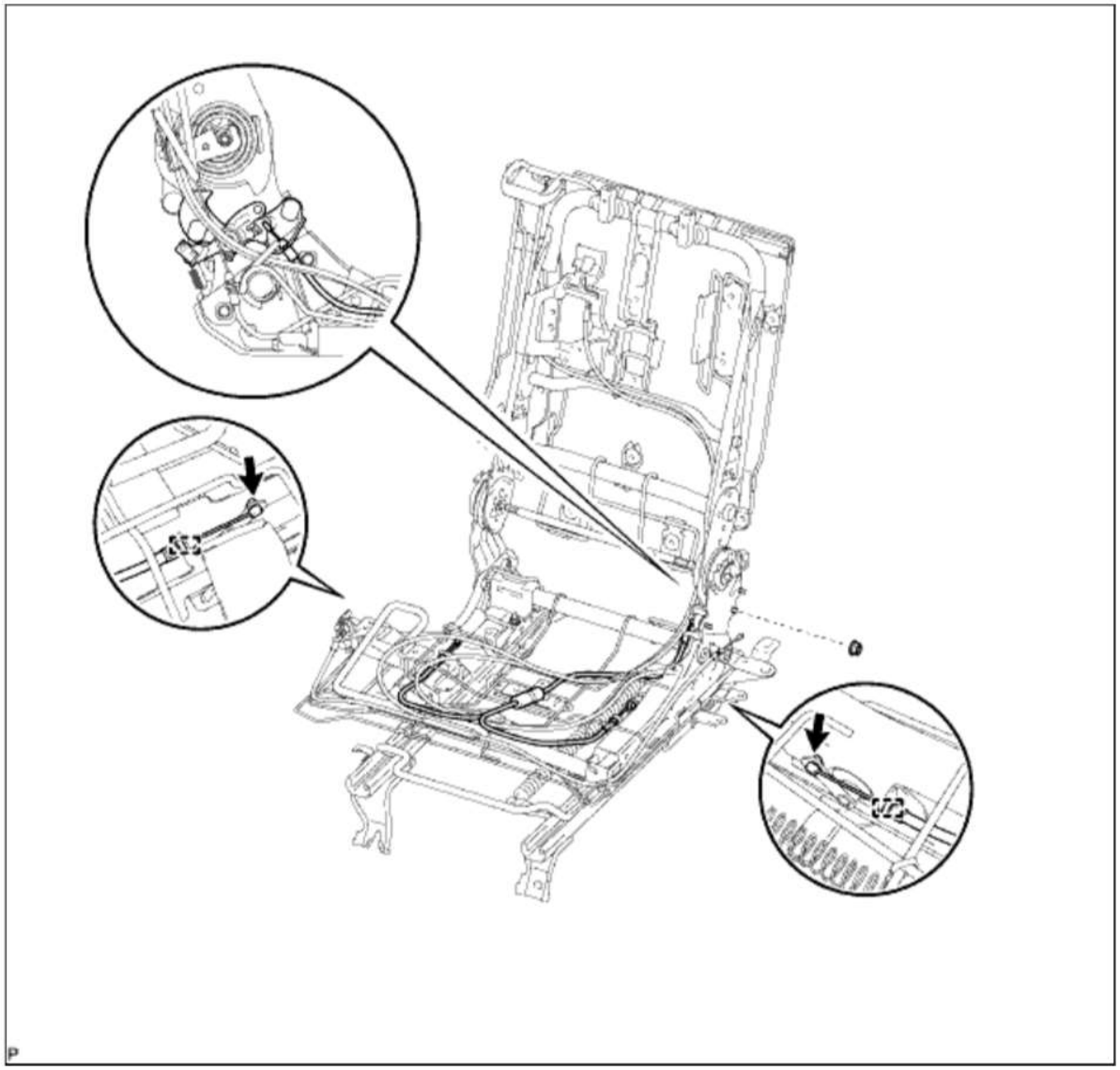
(a) Remove the 2 nuts and set plate.

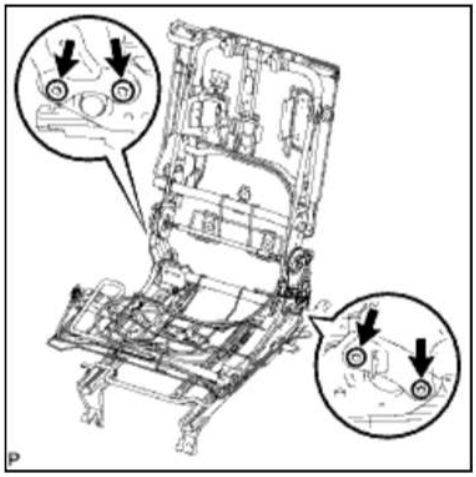
30. REMOVE REAR SEATBACK LOCK PLATE RH

(a) Detach the 2 cable clamps and disconnect the cable.

(b) Remove the nut and lock plate.

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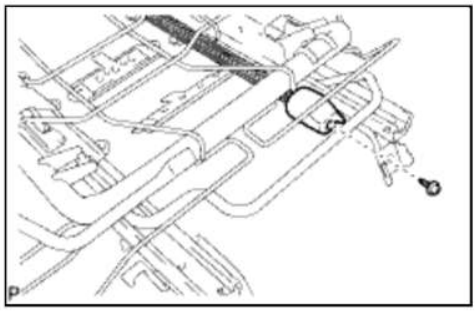




31. REMOVE REAR SEATBACK FRAME SUB-ASSEMBLY RH

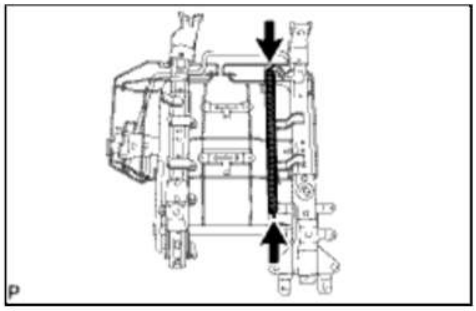
(a) Using a T45 "TORX" socket wrench, remove the 4 "TORX" bolts and seatback frame.

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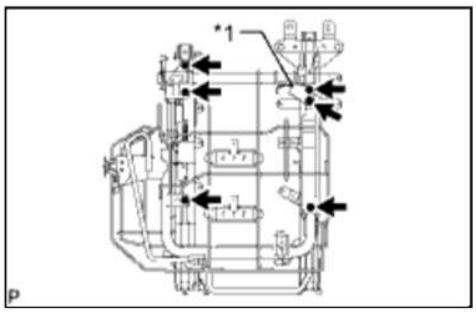
32. REMOVE REAR SEAT COVER

(a) Remove the screw and cover.



33. REMOVE REAR SEAT CUSHION SPRING

(a) Detach the 2 hooks and remove the spring.



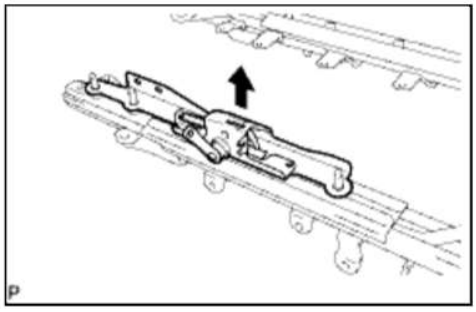
34. REMOVE REAR SEAT CUSHION FRAME SUB-ASSEMBLY RH

(a) Remove the 6 nuts and seat cushion frame together with the seat leg plate.

Text in Illustration

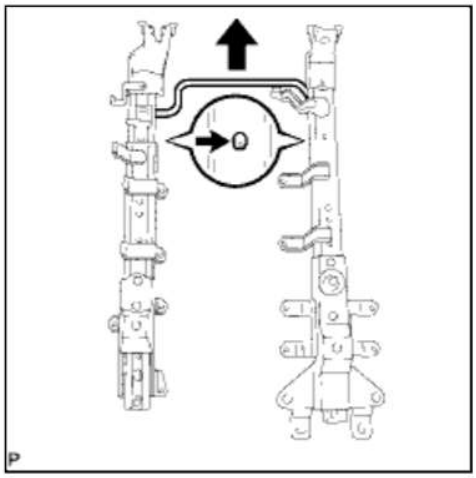
*1	Seat Leg Plate

35. REMOVE REAR SEAT TRACK ADJUSTING HANDLE RH



(a) Remove the seat cushion side frame.

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(b) Slide the slide rail to the rearmost position.

(c) Using a small screwdriver, push down the handle stopper to detach the claw and remove the adjusting handle.

HINT:

Insert the screwdriver into the hole shown in the illustration while looking into the hole.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468H002X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Slide Walk-in Seat Type RH Side): REASSEMBLY (2010 4Runner)		

REASSEMBLY

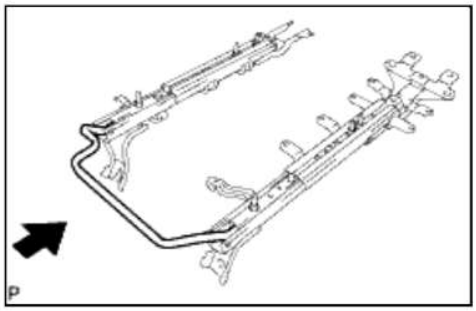
CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

A bolt without a torque specification is shown in the standard bolt chart INFO .

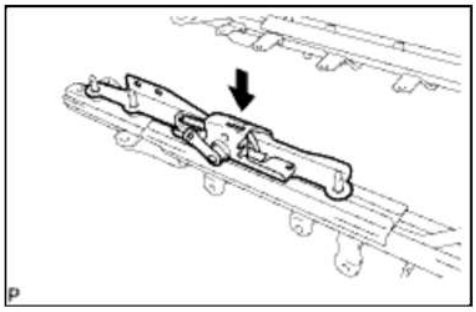
1. INSTALL REAR SEAT TRACK ADJUSTING HANDLE RH



(a) Install the handle.

HINT:

Make sure the handle is straight when installing it, and check that it is centered.



(b) Install the seat cushion side frame.

2. INSTALL REAR SEAT CUSHION FRAME SUB-ASSEMBLY RH

(a) Install the seat cushion frame and seat leg plate with the 6 nuts.

Torque: 32 N·m (326 kgf·cm, 24ft·lbf)

3. INSTALL REAR SEAT CUSHION SPRING

(a) Attach the 2 hooks to install the spring.

4. INSTALL REAR SEAT COVER

(a) Install the cover with the screw.

5. INSTALL REAR SEATBACK FRAME SUB-ASSEMBLY RH

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(a) Temporarily install the seatback frame with the 4 "TORX" bolts.

(b) Using a T45 "TORX" socket wrench, tighten the 4 "TORX" bolts.

Torque: 29 N·m (296 kgf·cm, 21ft·lbf)

6. INSTALL REAR SEATBACK LOCK PLATE RH

(a) Install the lock plate with the nut.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

(b) Attach the 2 cable clamps and connect the cable.

7. INSTALL REAR SEAT CUSHION SET PLATE

(a) Install the set plate with the 2 nuts.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

8. INSTALL REAR NO. 2 SEAT RECLINING CONTROL CABLE

(a) Install the cable.

(b) Attach the cable clamp and connect the cable.

9. INSTALL REAR SEAT RECLINING CONTROL CABLE

(a) Install the cable.

(b) Attach the 2 cable clamps and connect the cable.

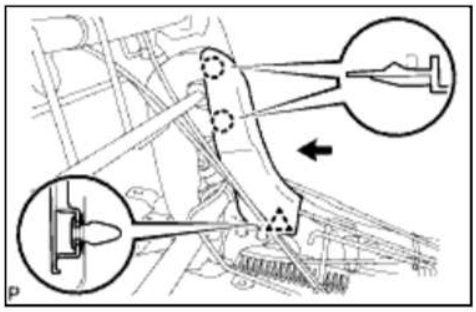
(c) Install 3 new cable ties.

10. INSTALL REAR SEATBACK SPRING DAMPER

(a) Install the damper with the 2 nuts.

11. INSTALL RECLINING ADJUSTER INSIDE COVER RH

(a) Attach the claw and guide to install the cover.



12. INSTALL RECLINING ADJUSTER INSIDE COVER RH

(a) Move the cover in the direction of the arrow to attach the 2 claws.

(b) Attach the clip to install the cover.

13. INSTALL RECLINING ADJUSTER INSIDE COVER RH

(a) Attach the 2 claws to install the cover.

(b) Install the 2 screws.

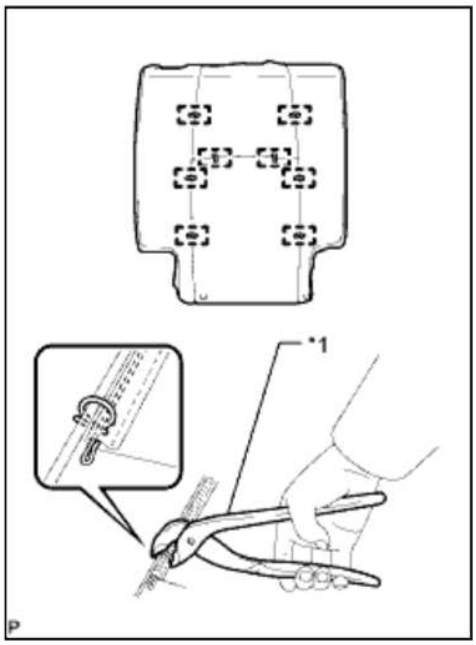
14. INSTALL REAR SEAT INNER RECLINING COVER RH

(a) Attach the guide and install the cover with the 2 screws.

15. INSTALL REAR SEATBACK EDGE PROTECTOR

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(a) Install the protector to the seatback frame.



16. INSTALL SEPARATE TYPE REAR SEATBACK COVER

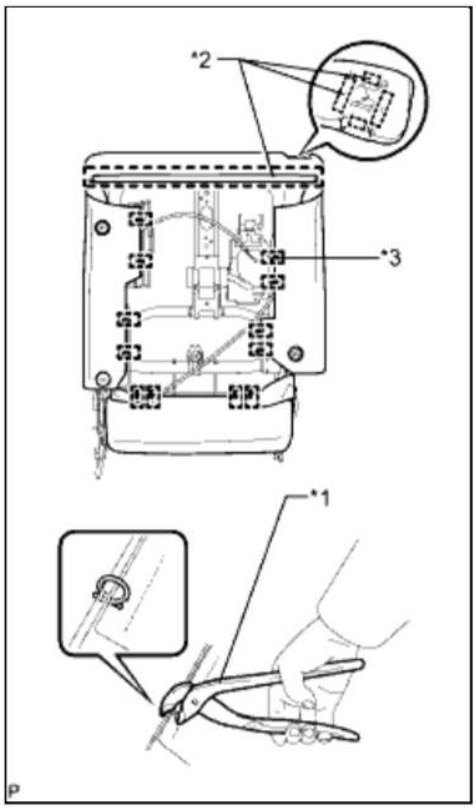
(a) Using hog ring pliers, install the seatback cover to the seatback pad with new hog rings.

Text in Illustration

*1	Hog Ring Pliers

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.



17. INSTALL SEATBACK COVER WITH PAD

(a) Attach the hooks.

Text in Illustration

*1	Hog Ring Pliers
*2	Hook
*3	Hog Ring

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

18. INSTALL REAR NO. 1 SEAT HEADREST SUPPORT ASSEMBLY

(a) Attach the 4 claws to install the 2 supports.

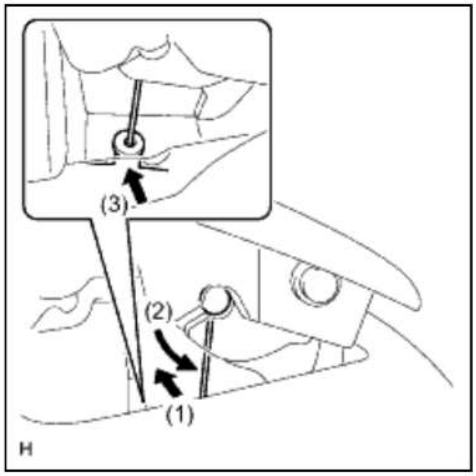
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19. INSTALL REAR SEATBACK BOARD CARPET ASSEMBLY RH

(a) Attach the 7 clips to install the carpet.

20. INSTALL REAR SEATBACK COVER

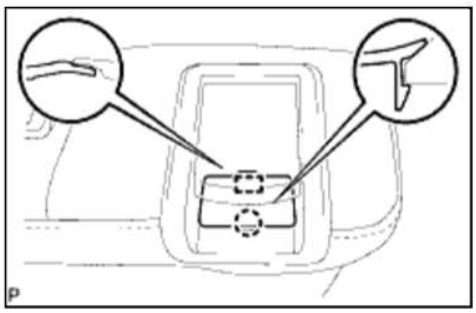
(a) Attach the 4 claws to install the cover.



21. INSTALL REAR SEAT LOCK CONTROL LEVER SUB-ASSEMBLY

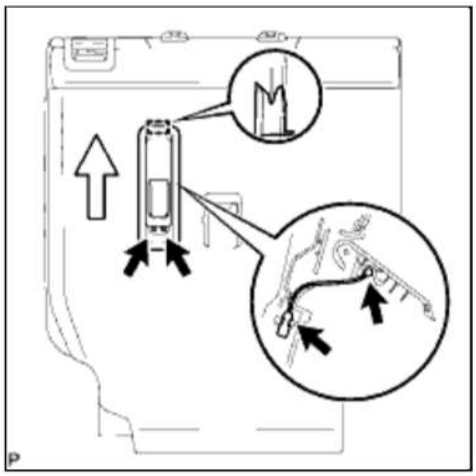
(a) Connect the cable in the order shown in the illustration to install the lever.

(b) Install the 2 screws.



22. INSTALL REAR SEAT COVER CAP

(a) Attach the guide and claw to install the cap.



23. INSTALL REAR SEAT LOCK CONTROL LEVER SUB-ASSEMBLY RH

(a) Attach the cable clamp to connect the cable to the lever.

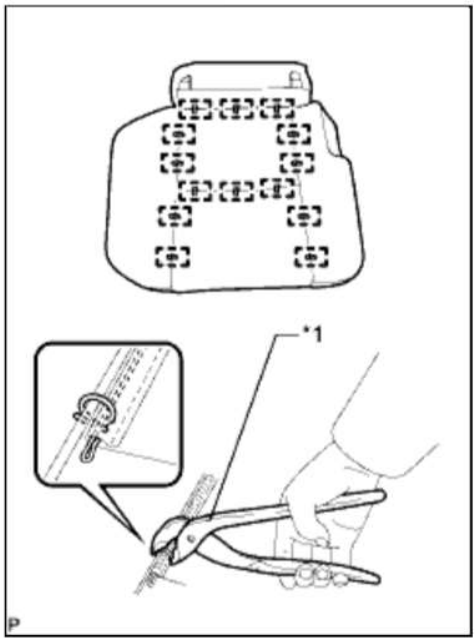
(b) Move the lever in the direction of the arrow to attach the guide.

(c) Install the lever with the 2 screws.

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24. INSTALL RECLINING ADJUSTER KNOB CAP RH

(a) Attach the guide and claw to install the cap.



25. INSTALL SEPARATE TYPE REAR SEAT CUSHION COVER

(a) Using hog ring pliers, install the seat cushion cover to the seat cushion pad with new hog rings.

Text in Illustration

*1	Hog Ring Pliers

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

26. INSTALL REAR SEAT CUSHION EDGE PROTECTOR

(a) Install the protector to the cushion spring.

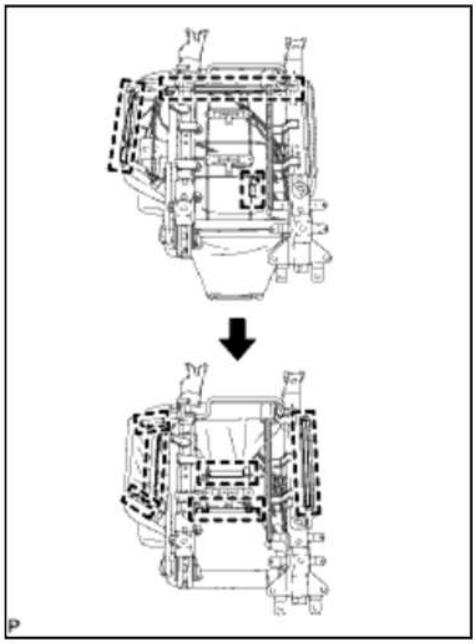
27. INSTALL REAR NO. 2 SEAT PROTECTOR

(a) Install the 2 protectors to the cushion pad.

28. INSTALL SEAT CUSHION COVER WITH PAD

(a) Attach the hooks to install the seat cushion cover with pad.

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29. INSTALL REAR SEATBACK LOCK STRIKER COVER RH

(a) Attach the 3 clips to install the cover.

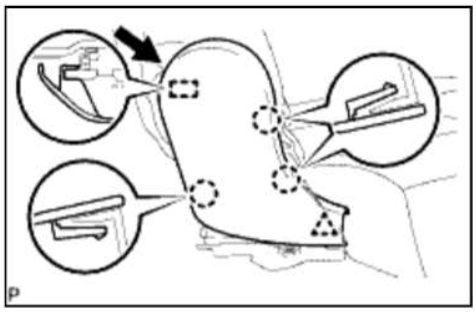
30. INSTALL REAR SEAT INNER BELT ASSEMBLY INFO

31. INSTALL REAR NO. 1 SEAT INNER BELT ASSEMBLY RH INFO

32. INSTALL REAR SEAT REAR CUSHION MOULDING LH

(a) Attach the guide and 3 claws to install the moulding.

(b) Install the screw.



33. INSTALL REAR SEAT CUSHION MOULDING RH

(a) Move the moulding in the direction of the arrow to attach the guide and install the moulding.

(b) Attach the 3 claws and clip to install the moulding.

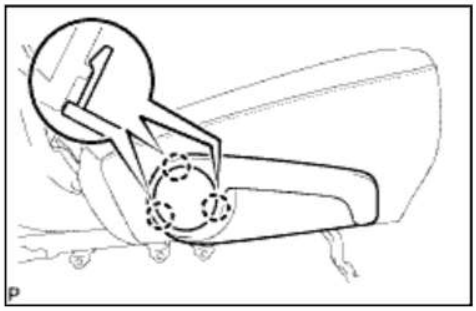
34. INSTALL RECLINING ADJUSTER RELEASE HANDLE RH

(a) Install the handle with the 3 screws.

35. INSTALL REAR SEAT UPPER RECLINING COVER RH

(a) Attach the 3 claws to install the cover.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468F002X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Slide Walk-in Seat Type RH Side): REMOVAL (2010 4Runner)		

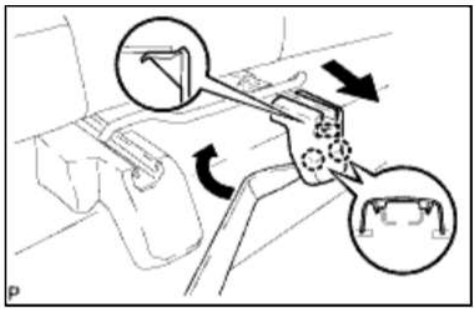
REMOVAL

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

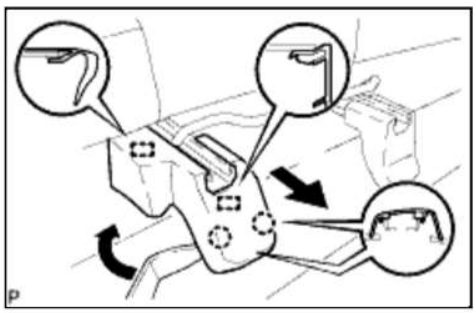
1. REMOVE REAR SEAT HEADREST ASSEMBLY

(a) Remove the headrest.



2. REMOVE REAR SEAT TRACK INNER BRACKET COVER

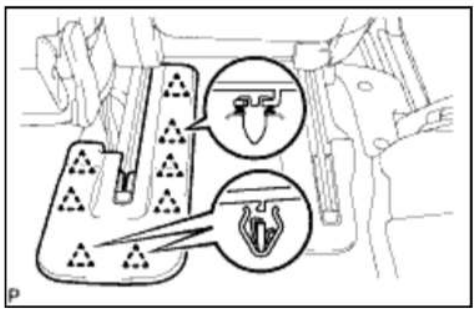
(a) Using a moulding remover, detach the 2 claws and guide, and then remove the cover.



3. REMOVE REAR SEAT TRACK OUTER BRACKET COVER

(a) Using a moulding remover, detach the 2 claws.

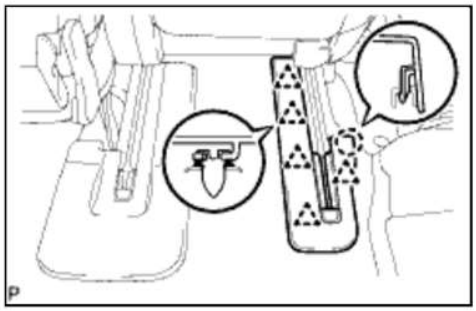
(b) Move the cover in the direction of the arrow to detach the 2 guides and remove the cover.



4. REMOVE SEAT TRACK INNER BRACKET COVER RH

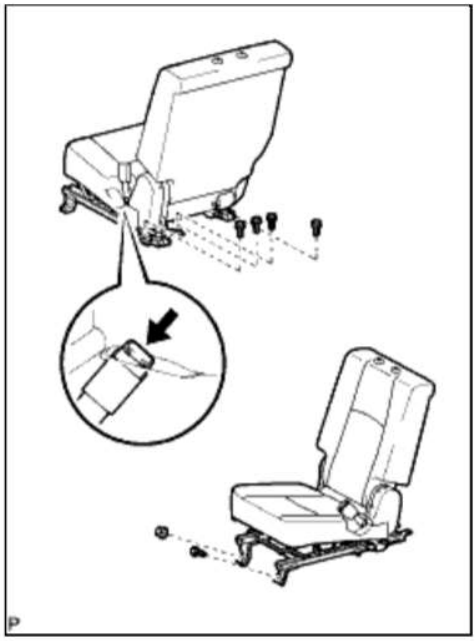
(a) Using a clip remover, detach the 8 clips and remove the cover.

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5. REMOVE REAR SEAT TRACK COVER RH

(a) Using a clip remover, detach the 5 clips and claw, and then remove the cover.



6. REMOVE REAR SEAT ASSEMBLY RH

(a) Disconnect the center inner seat belt from the seat.

(b) Remove the 5 bolts and nut.

(c) Remove the rear seat.

NOTICE:

Be careful not to damage the vehicle body.

HINT:

Be sure to remove the seat with the seatback folded down.

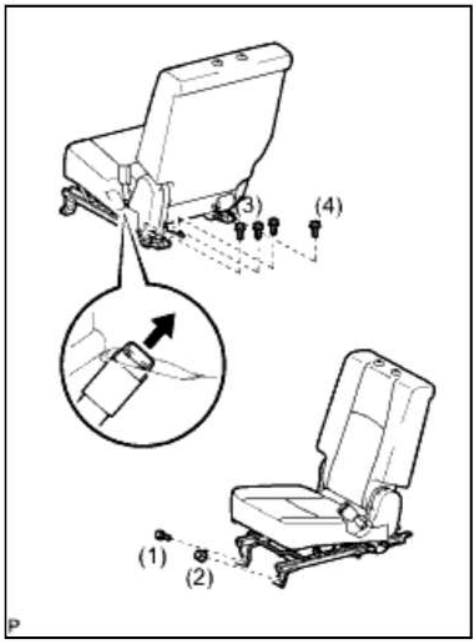
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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000468D002X
Title: SEAT: REAR NO. 1 SEAT ASSEMBLY (for 60/40 Split Slide Walk-in Seat Type RH Side): INSTALLATION (2010 4Runner)		

INSTALLATION

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.



1. INSTALL REAR SEAT ASSEMBLY RH

(a) Place the seat in the cabin.

NOTICE:

Be careful not to damage the vehicle body.

HINT:

Be sure to install the seat with the seatback folded down.

(b) Connect the center inner belt to the seat.

(c) Temporarily install the seat with the 5 bolts and nut.

(d) Tighten the bolts and nut in the order indicated in the illustration.

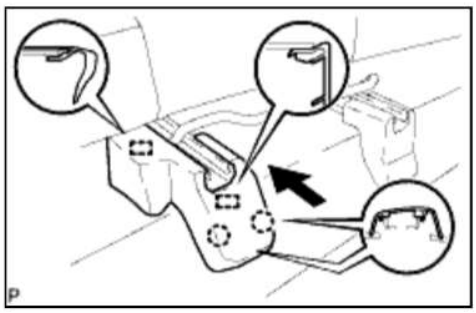
Torque: 37 N·m (377 kgf·cm, 27ft·lbf)

2. INSTALL REAR SEAT TRACK COVER RH

(a) Attach the 5 clips and claw to install the cover.

3. INSTALL SEAT TRACK INNER BRACKET COVER RH

(a) Attach the 8 clips to install the cover.

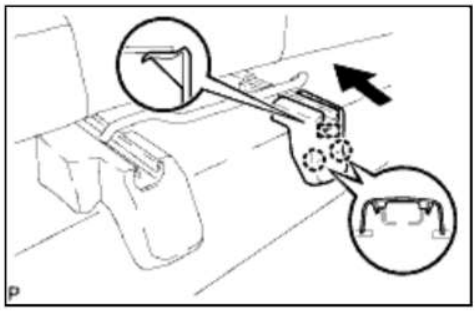


4. INSTALL REAR SEAT TRACK OUTER BRACKET COVER

(a) Move the cover in the direction of the arrow to attach the 2 guides.

(b) Attach the 2 claws to install the cover.

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5. INSTALL REAR SEAT TRACK INNER BRACKET COVER

(a) Attach the 2 claws and guide to install the cover.

6. INSTALL REAR SEAT HEADREST ASSEMBLY

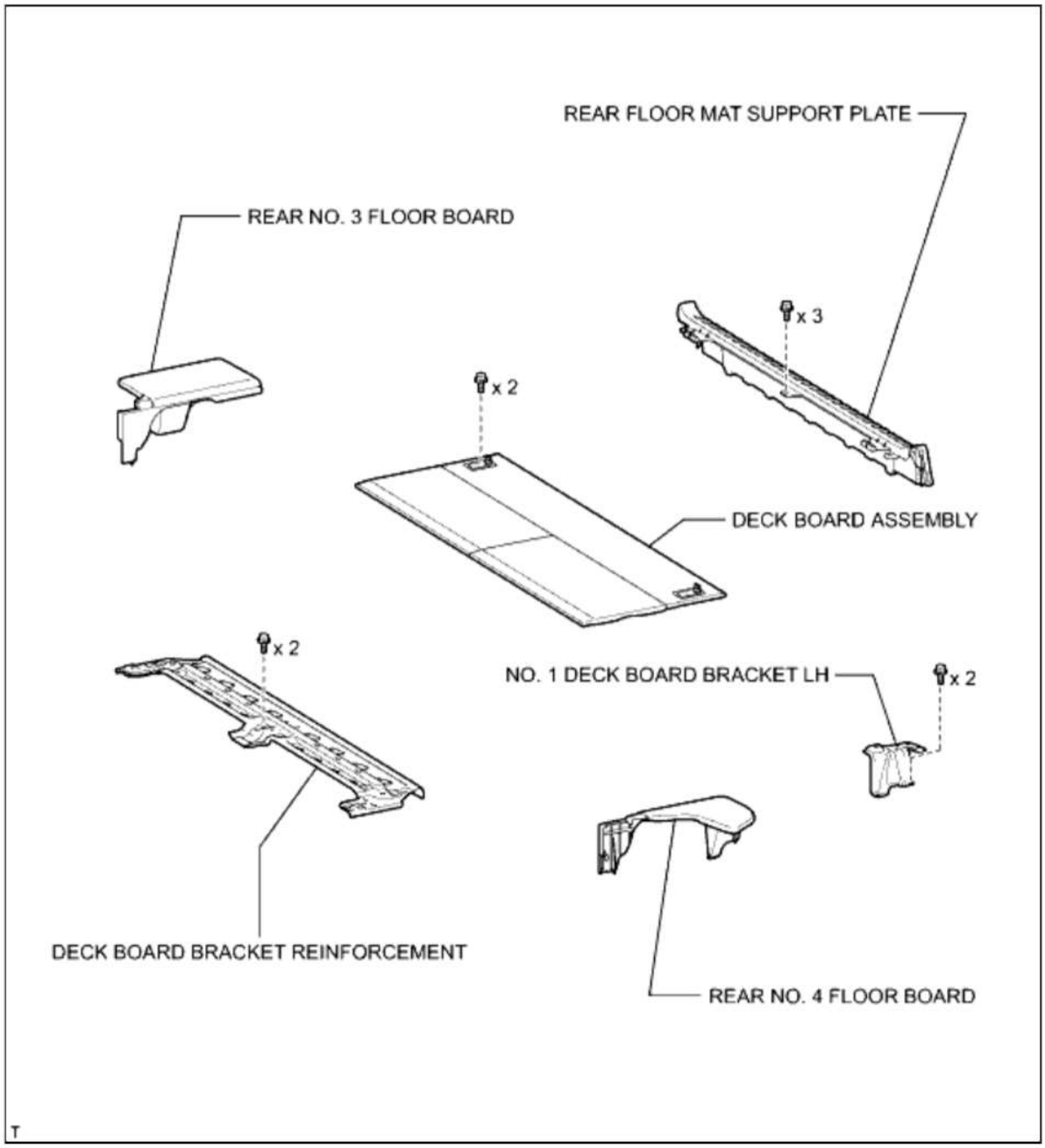
(a) Install the headrest.

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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000045DR000X
Title: SEAT: REAR NO. 2 SEAT ASSEMBLY: COMPONENTS (2010 4Runner)		

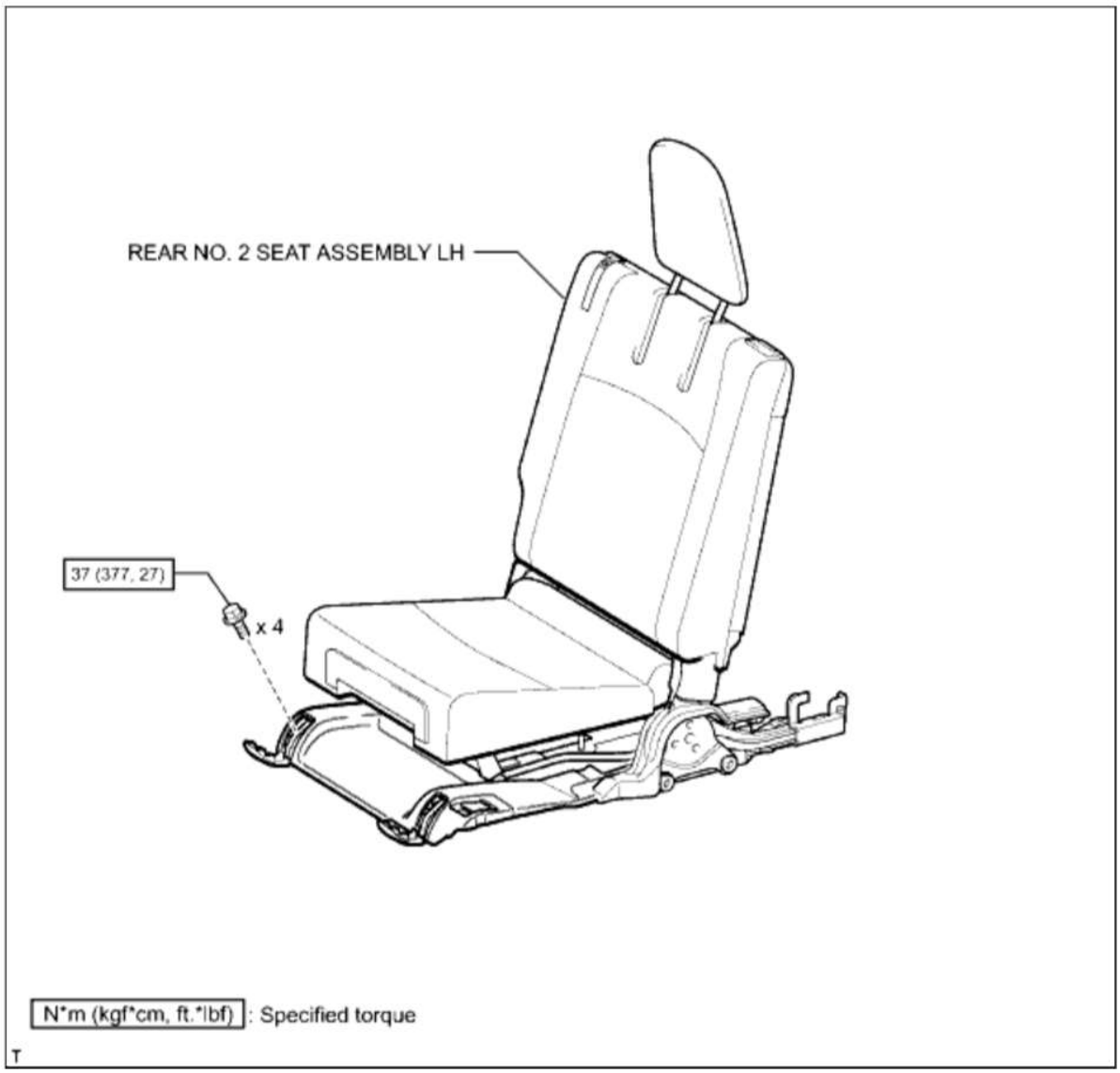
COMPONENTS

ILLUSTRATION



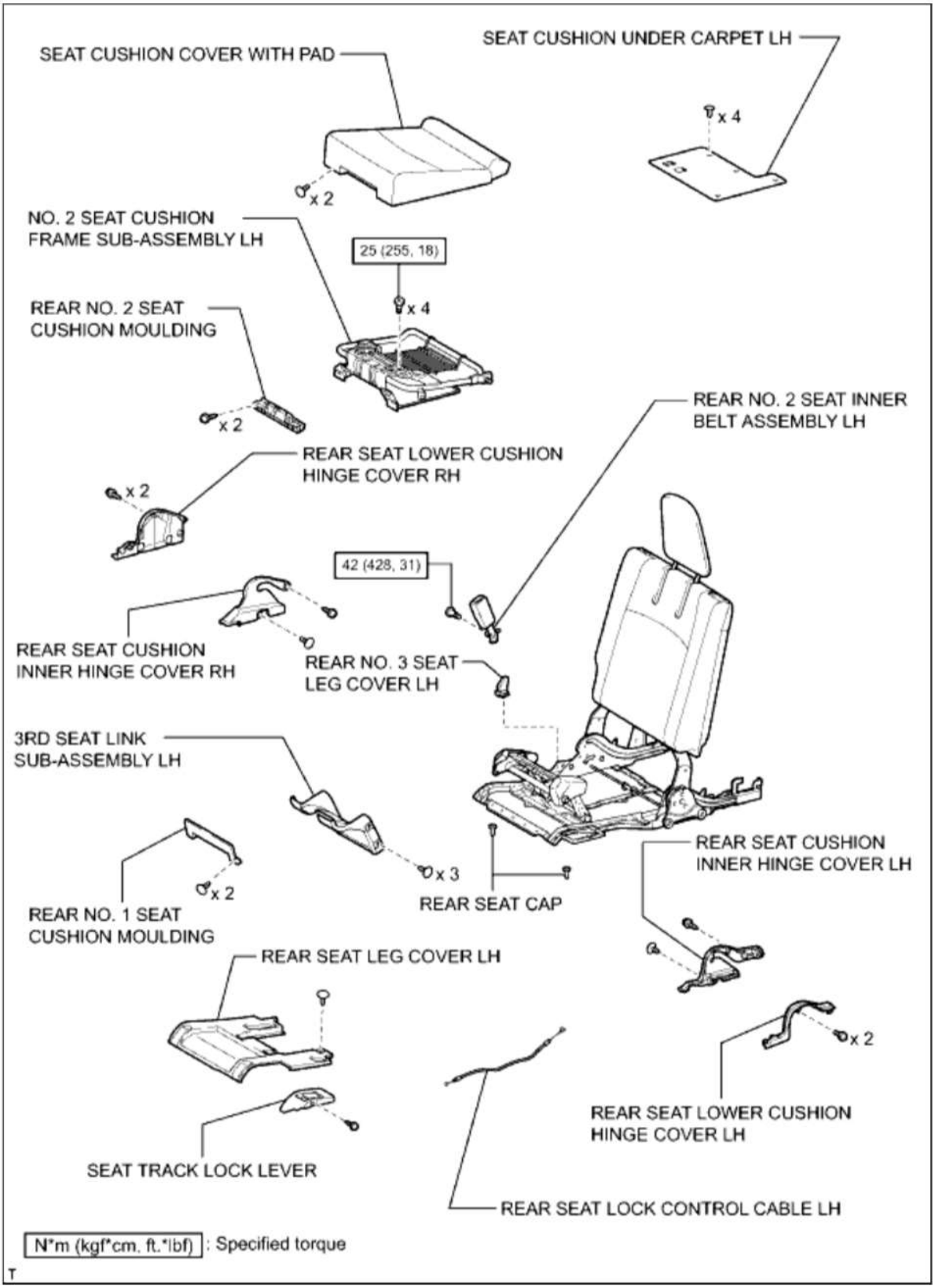
ILLUSTRATION

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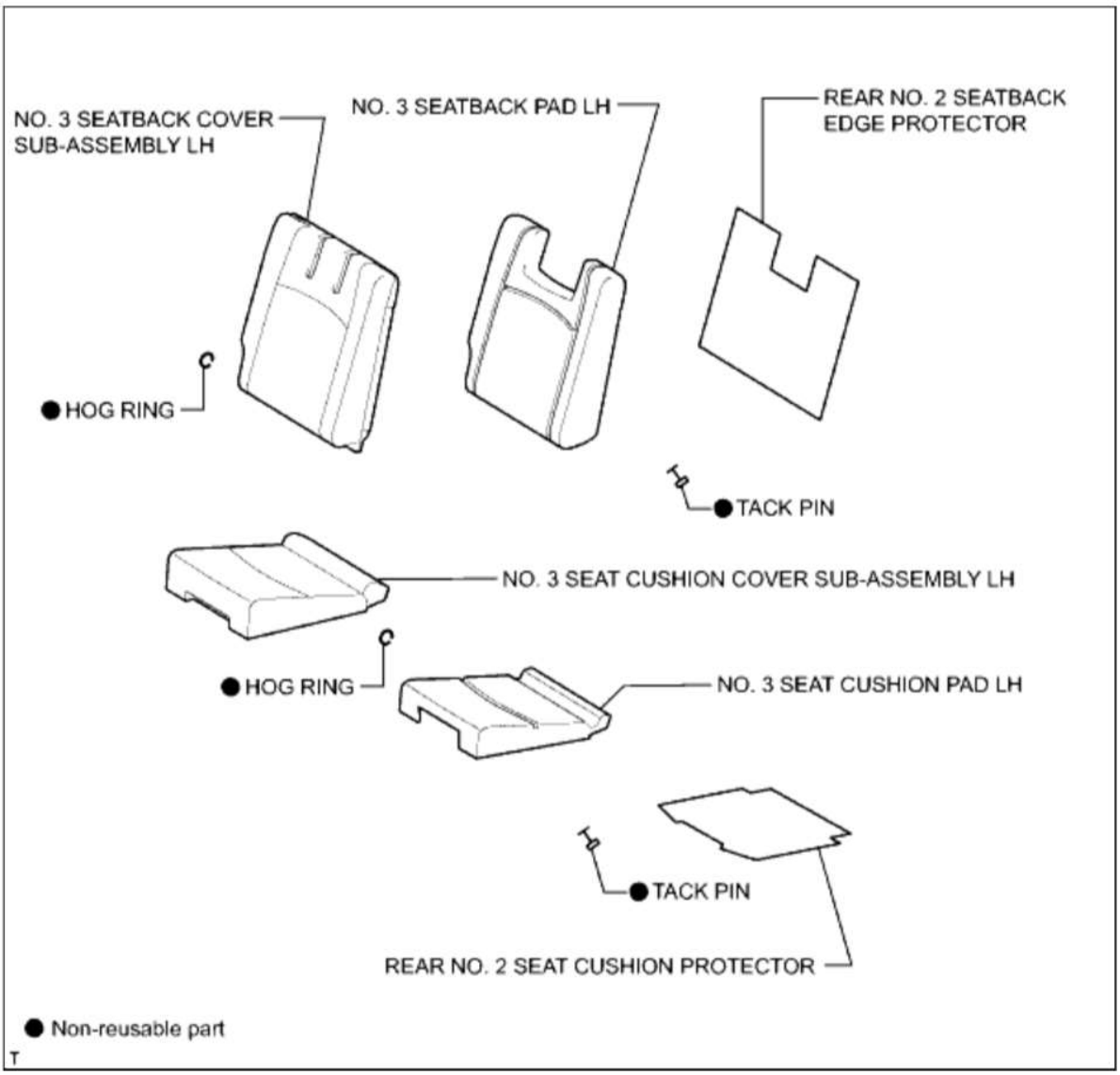
ILLUSTRATION

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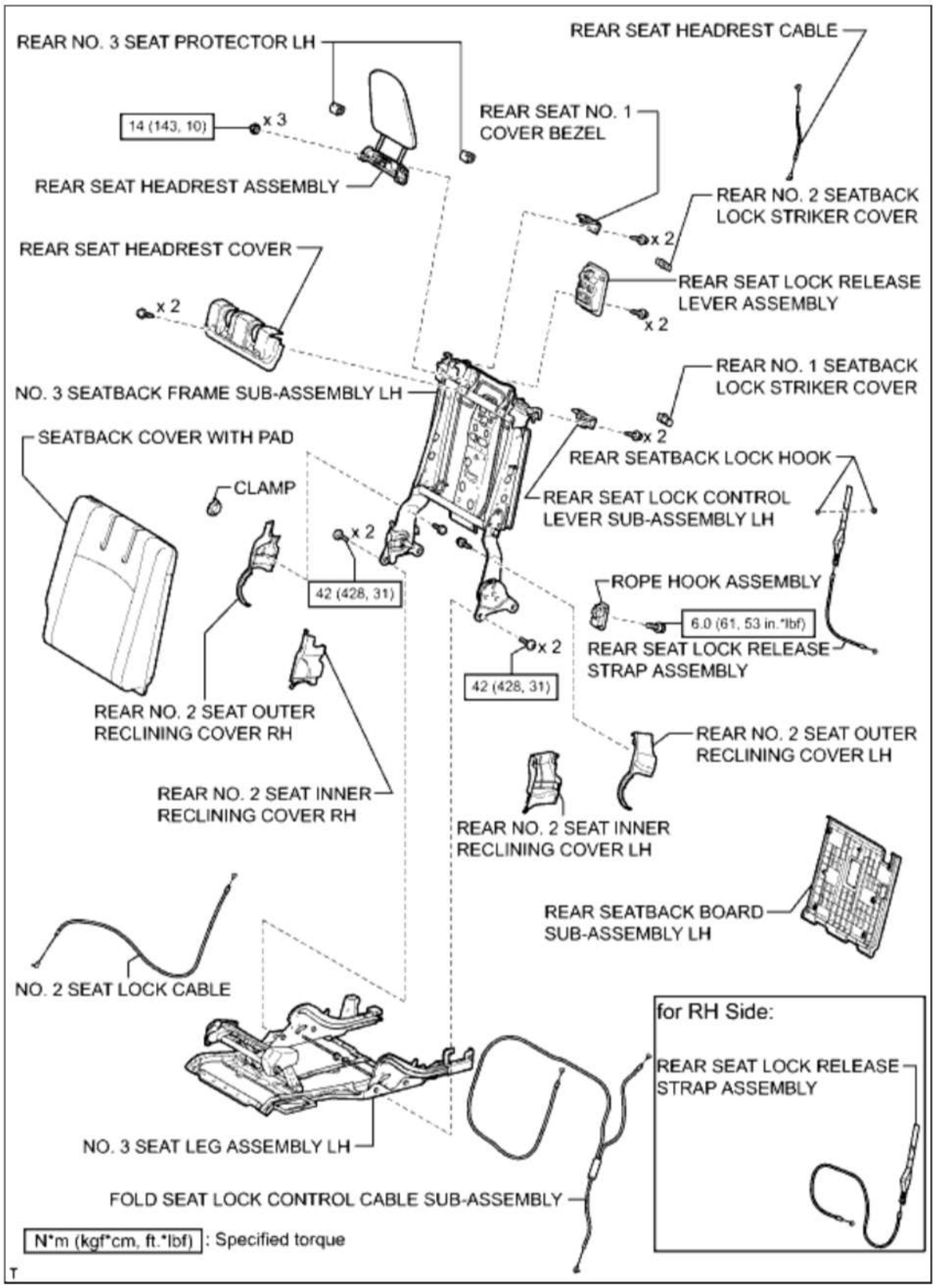
ILLUSTRATION

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ILLUSTRATION

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000045DT000X
Title: SEAT: REAR NO. 2 SEAT ASSEMBLY: DISASSEMBLY (2010 4Runner)		

DISASSEMBLY

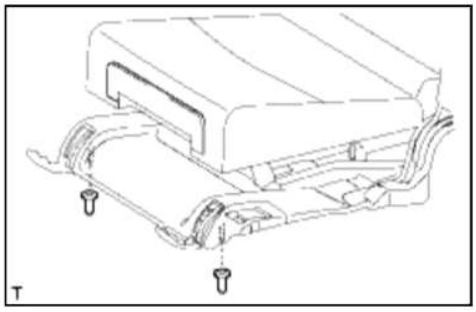
CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

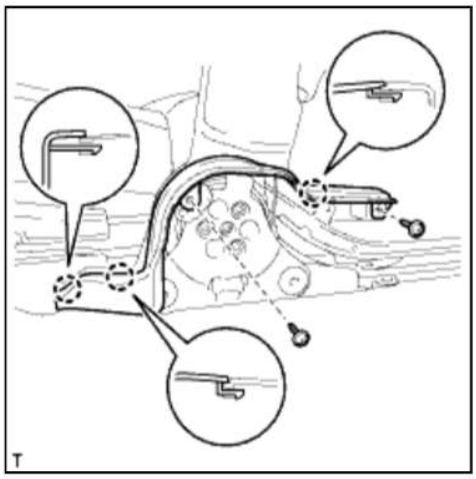
- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. REMOVE REAR SEAT CAP



(a) Remove the 2 caps.

2. REMOVE REAR SEAT LOWER CUSHION HINGE COVER LH

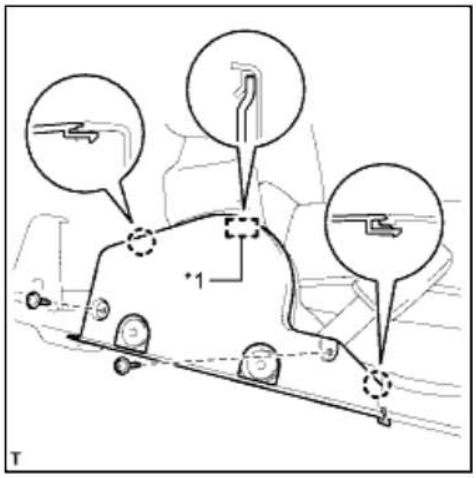


(a) Remove the 2 screws.

(b) Detach the 3 claws and remove the cover.

3. REMOVE REAR SEAT LOWER CUSHION HINGE COVER RH

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(a) Remove the 2 screws.

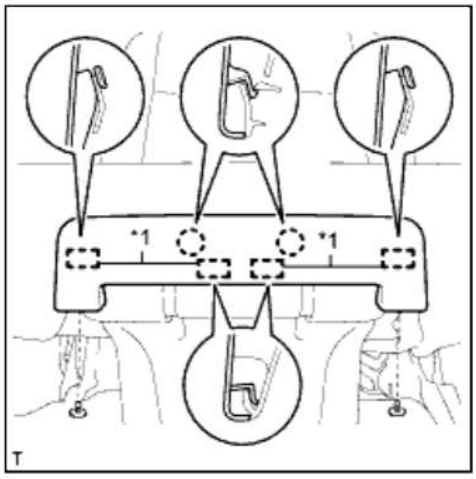
Text in Illustration

*1	Guide

(b) Detach the 2 claws and guide and remove the cover.

4. REMOVE REAR NO. 2 SEAT INNER BELT ASSEMBLY LH INFO

5. REMOVE REAR NO. 1 SEAT CUSHION MOULDING



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

Text in Illustration

*1	Guide

(b) Detach the 2 claws and 4 guides and remove the moulding.

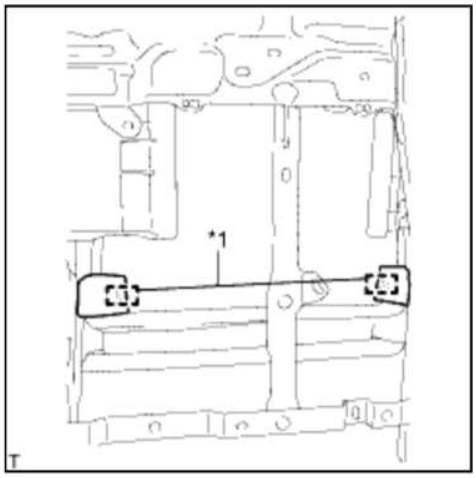
6. REMOVE SEAT CUSHION COVER WITH PAD

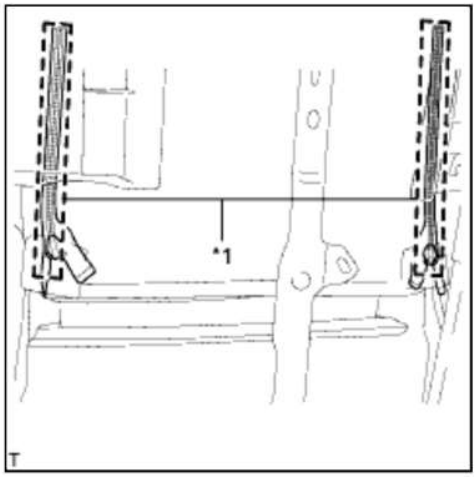
(a) Detach the 2 fasteners.

Text in Illustration

*1	Fastener

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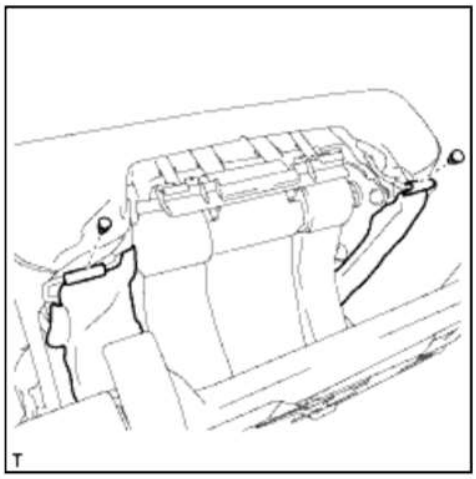




(b) Open the 2 fasteners.

Text in Illustration

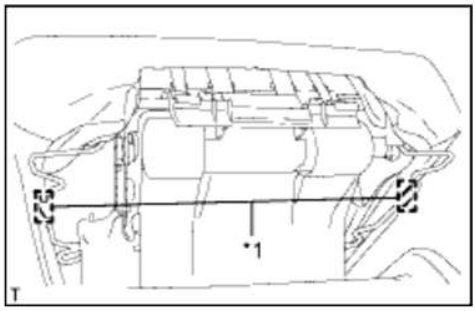
*1	Fastener



(c) Using a clip remover, remove the 2 clips and open the under part of the seat cushion cover.

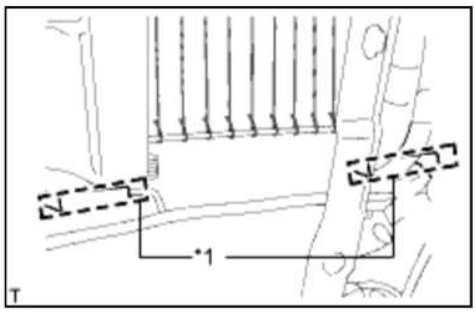
(d) Detach the 2 hooks.

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Text in Illustration

*1	Hook

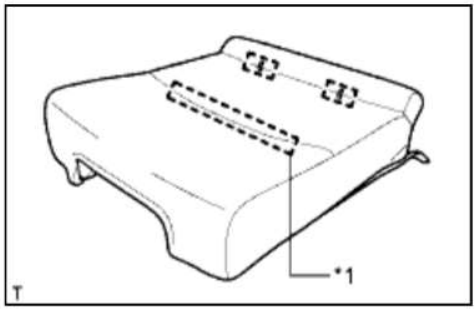


(e) Detach the 2 hooks and remove the seat cushion cover with pad.

Text in Illustration

*1	Hook

7. REMOVE NO. 3 SEAT CUSHION COVER SUB-ASSEMBLY LH



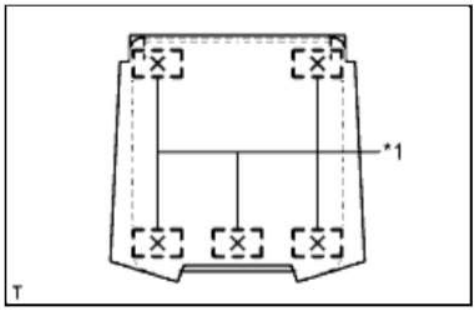
(a) Detach the fastener.

Text in Illustration

*1	Fastener

(b) Remove the hog rings and seat cushion cover.

8. REMOVE REAR NO. 2 SEAT CUSHION PROTECTOR



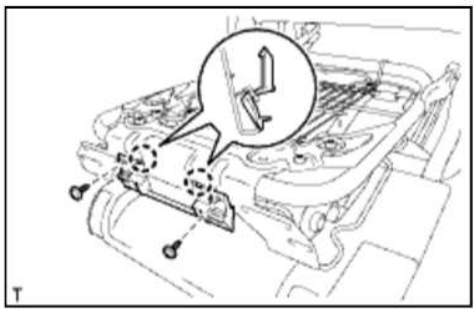
(a) Cut off the tack pins and remove the protector from the seat cushion pad.

Text in Illustration

*1	Tack Pin

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9. REMOVE REAR NO. 2 SEAT CUSHION MOULDING

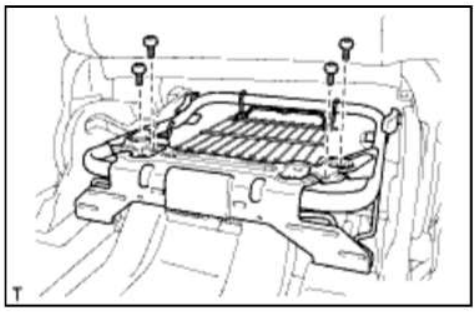


(a) Remove the 2 screws.

(b) Detach the 2 claws and remove the moulding.

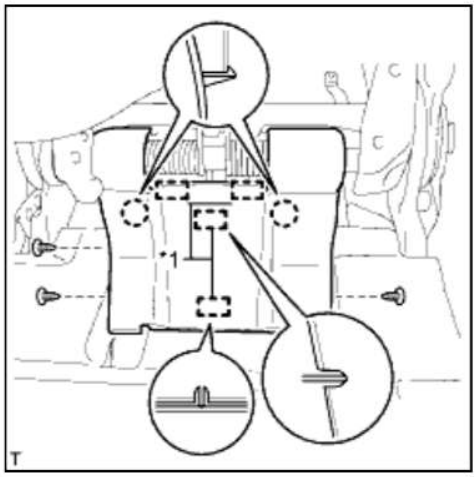
10. REMOVE NO. 2 SEAT CUSHION FRAME SUB-ASSEMBLY LH

(a) Operate the seat track lock lever and retract the seat cushion frame.



(b) Using a T40 "TORX" socket wrench, remove the 4 "TORX" bolts and seat cushion frame.

11. REMOVE 3RD SEAT LINK SUB-ASSEMBLY LH



(a) Remove the 3 clips.

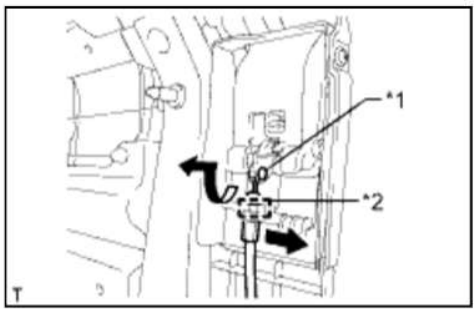
Text in Illustration

*1	Guide

(b) Detach the 2 claws and 4 guides and remove the 3rd seat link.

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12. REMOVE SEAT TRACK LOCK LEVER

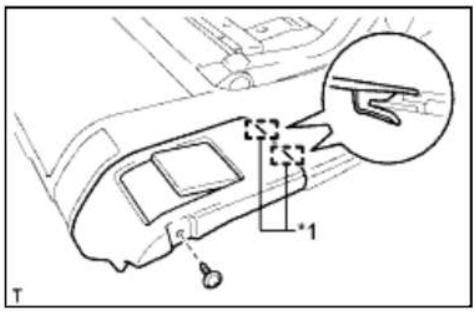


(a) Detach the clamp.

Text in Illustration

*1	Cable End
*2	Clamp

(b) Twist the cable end in the direction indicated by the arrow and disconnect the cable.



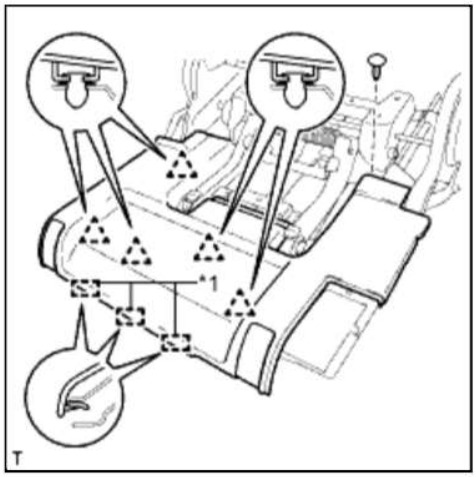
(c) Remove the screw.

Text in Illustration

*1	Guide

(d) Detach the 2 guides and remove the lever.

13. REMOVE REAR SEAT LEG COVER LH



(a) Remove the clip.

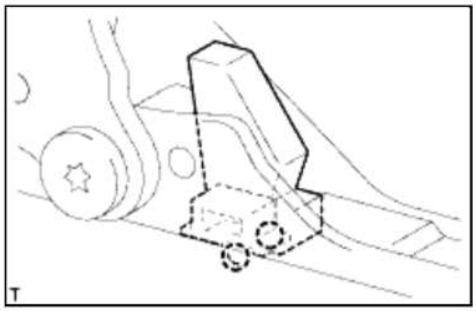
Text in Illustration

*1	Hook

(b) Detach the 3 hooks and 5 clips and remove the cover.

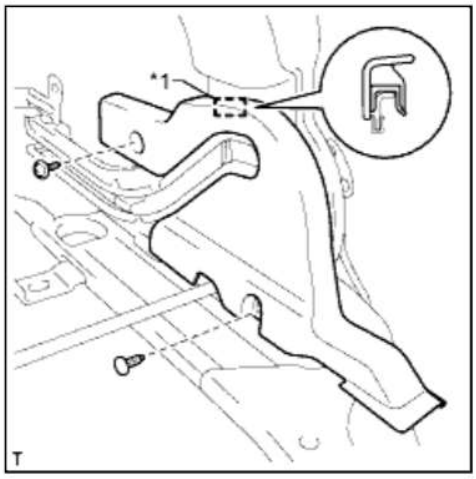
14. REMOVE REAR NO. 3 SEAT LEG COVER LH

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(a) Detach the 2 claws and remove the cover.

15. REMOVE REAR SEAT CUSHION INNER HINGE COVER LH



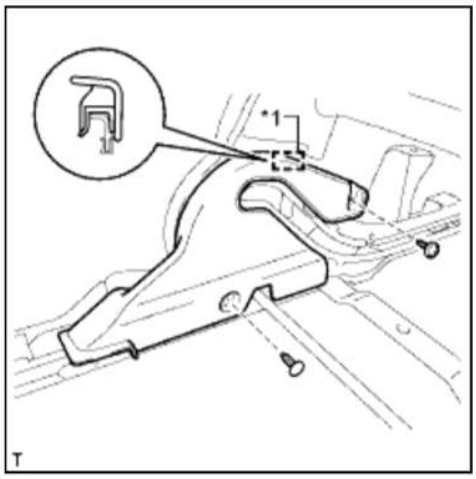
(a) Remove the screw and clip.

Text in Illustration

*1	Guide

(b) Detach the guide and remove the cover.

16. REMOVE REAR SEAT CUSHION INNER HINGE COVER RH



(a) Remove the screw and clip.

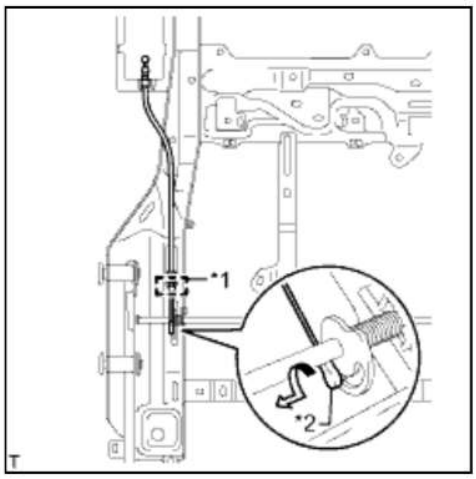
Text in Illustration

*1	Guide

(b) Detach the guide and remove the cover.

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17. REMOVE REAR SEAT LOCK CONTROL CABLE LH



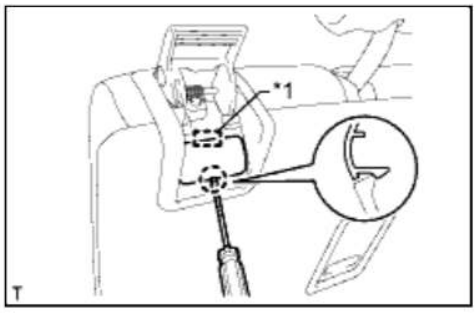
(a) Detach the clamp.

Text in Illustration

*1	Clamp
*2	Cable End

(b) Twist the cable end in the direction indicated by the arrow and remove the cable.

18. REMOVE REAR NO. 1 SEATBACK LOCK STRIKER COVER



(a) Using a screwdriver, detach the claw and guide and remove the cover.

HINT:

Tape the screwdriver tip before use.

Text in Illustration

*1	Guide

19. REMOVE REAR SEAT LOCK CONTROL LEVER SUB-ASSEMBLY LH

(a) Remove the 2 screws.

Text in Illustration

*1	Clamp
*2	Cable End
*3	Guide

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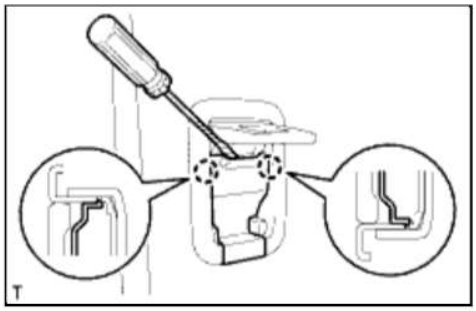


(b) Detach the guide and remove the lever.

(c) Detach the clamp.

(d) Twist the cable end in the direction indicated by the arrow and disconnect the cable.

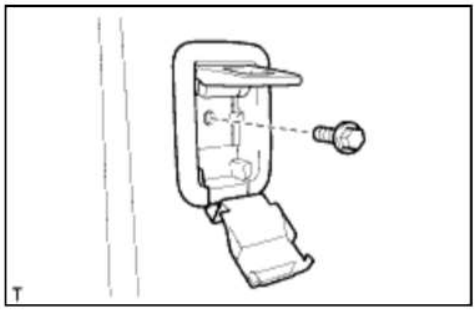
20. REMOVE ROPE HOOK ASSEMBLY



(a) Using a screwdriver, detach the 2 claws and open the cover.

HINT:

Tape the screwdriver tip before use.

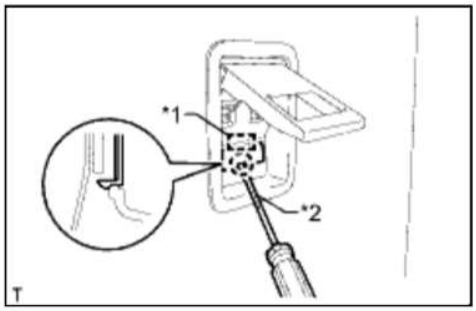


(b) Remove the bolt and rope hook.

21. REMOVE REAR NO. 2 SEATBACK LOCK STRIKER COVER

(a) Using a screwdriver, detach the claw and guide and remove the cover.

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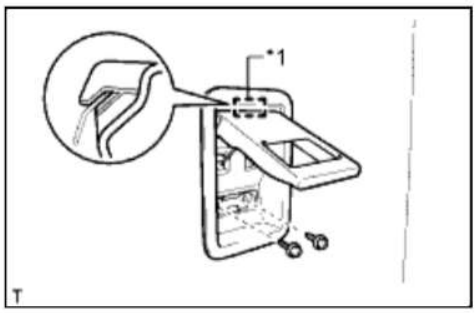
HINT:

Tape the screwdriver tip before use.

Text in Illustration

*1	Guide

22. REMOVE REAR SEAT LOCK RELEASE LEVER ASSEMBLY

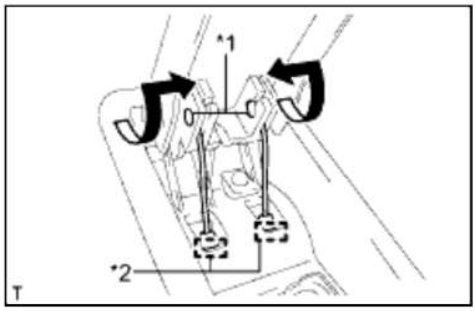


(a) Remove the 2 screws.

Text in Illustration

*1	Hook

(b) Detach the hook and remove the lever.



(c) Detach the 2 clamps.

Text in Illustration

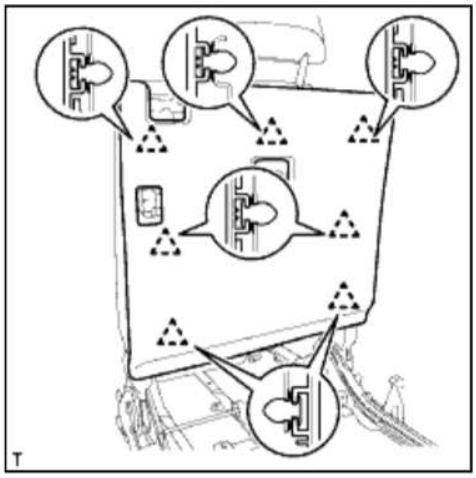
*1	Cable End
*2	Clamp

(d) Twist the 2 cable ends in the direction indicated by the arrow and disconnect the 2 cables.

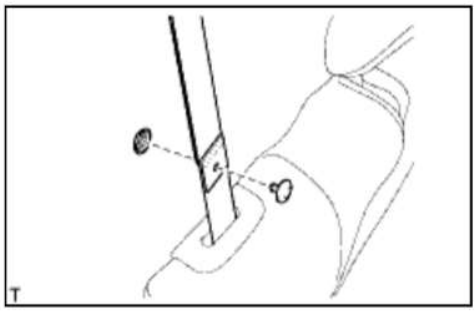
23. REMOVE REAR SEATBACK BOARD SUB-ASSEMBLY LH

(a) Detach the 7 clips and remove the board.

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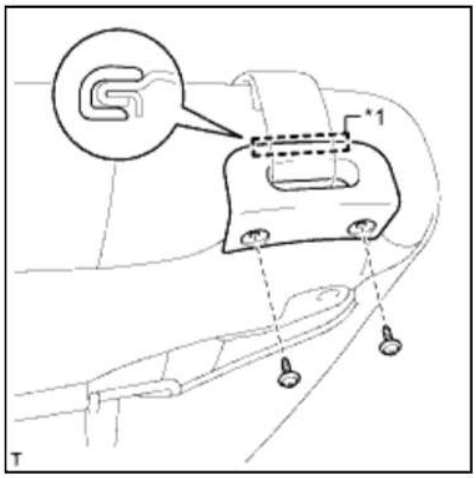


24. REMOVE REAR SEATBACK LOCK HOOK



(a) Remove the lock hook.

25. REMOVE REAR SEAT NO. 1 COVER BEZEL



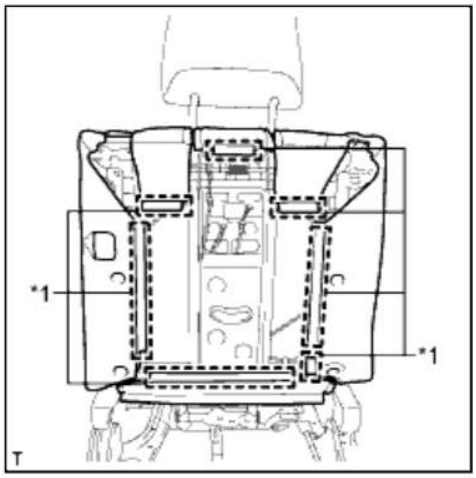
(a) Remove the 2 screws, detach the guide and remove the bezel.

Text in Illustration

*1	Guide

26. REMOVE SEATBACK COVER WITH PAD

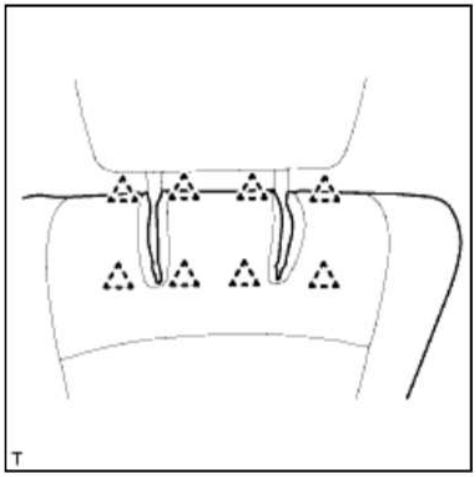
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(a) Detach the hooks.

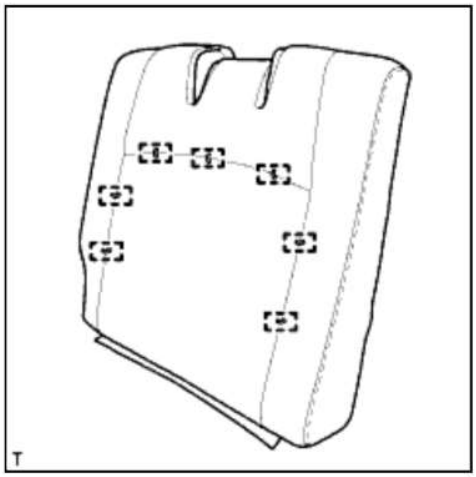
Text in Illustration

*1	Hook



(b) Detach the 8 clips and remove the seatback cover with pad.

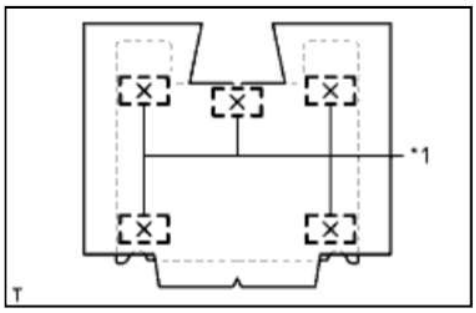
27. REMOVE NO. 3 SEATBACK COVER SUB-ASSEMBLY LH



(a) Remove the hog rings and seatback cover.

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28. REMOVE REAR NO. 2 SEATBACK EDGE PROTECTOR

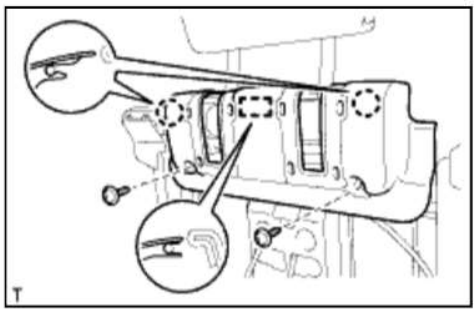


(a) Cut off the tack pins and remove the protector from the seatback pad.

Text in Illustration

*1	Tack Pin

29. REMOVE REAR SEAT HEADREST COVER



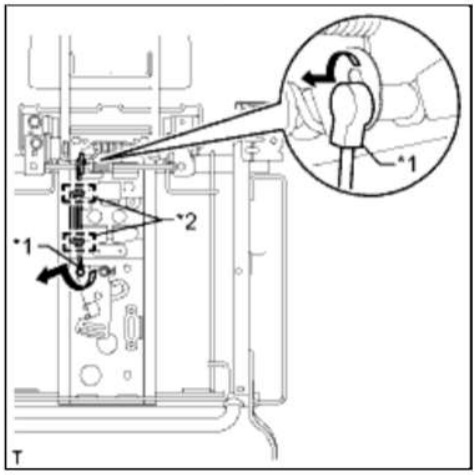
(a) Remove the 2 screws.

Text in Illustration

*1	Guide

(b) Detach the 2 claws and guide and remove the cover.

30. REMOVE REAR SEAT HEADREST CABLE



(a) Detach the 2 clamps.

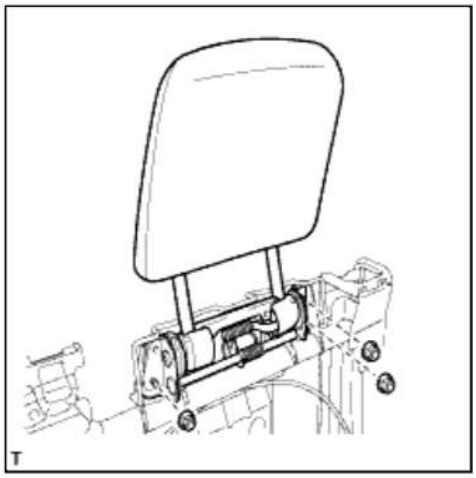
Text in Illustration

*1	Cable End
*2	Clamp

(b) Twist the 2 cable ends in the direction indicated by the arrow and remove the cable.

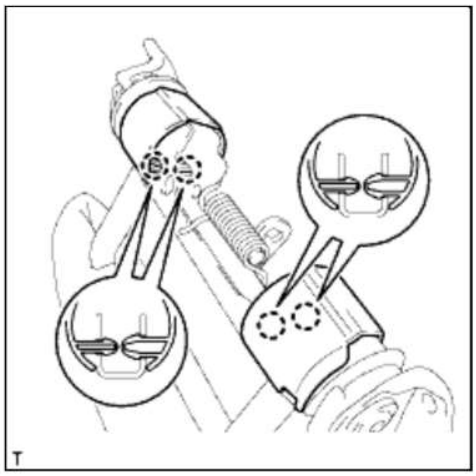
31. REMOVE REAR SEAT HEADREST ASSEMBLY

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(a) Remove the 3 nuts and headrest.

32. REMOVE REAR NO. 3 SEAT PROTECTOR LH

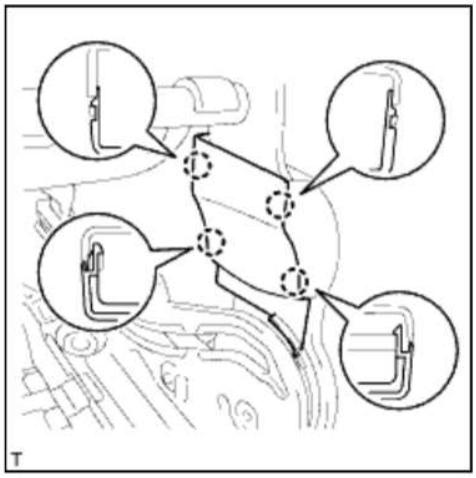


(a) Detach the 4 claws and remove the 2 protectors.

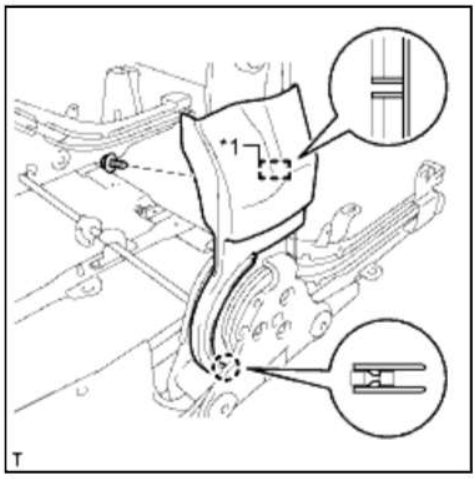
33. REMOVE REAR NO. 2 SEAT INNER RECLINING COVER LH

(a) Detach the 4 claws and remove the cover.

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34. REMOVE REAR NO. 2 SEAT OUTER RECLINING COVER LH



(a) Remove the screw.

Text in Illustration

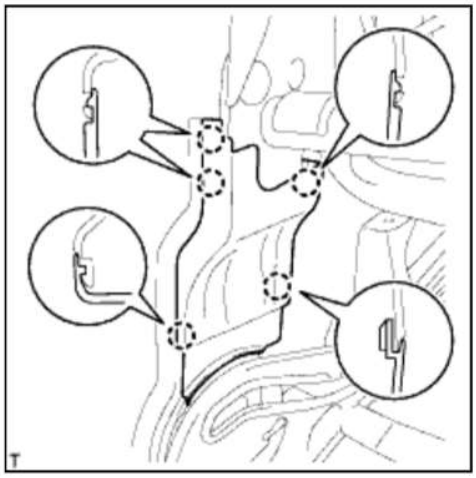
*1	Guide

(b) Detach the 2 claws and guide and remove the cover.

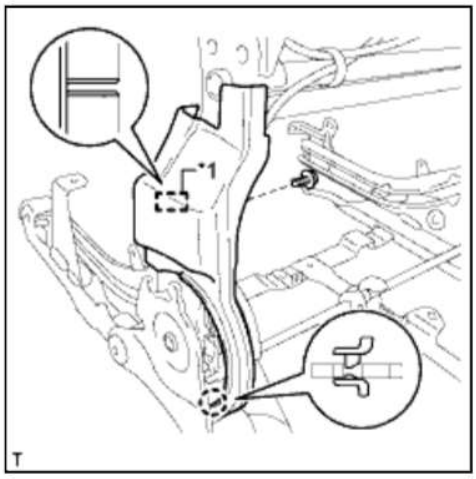
35. REMOVE REAR NO. 2 SEAT INNER RECLINING COVER RH

(a) Detach the 5 claws and remove the cover.

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36. REMOVE REAR NO. 2 SEAT OUTER RECLINING COVER RH



(a) Remove the screw.

Text in Illustration

*1	Guide

(b) Detach the 2 claws and guide and remove the cover.

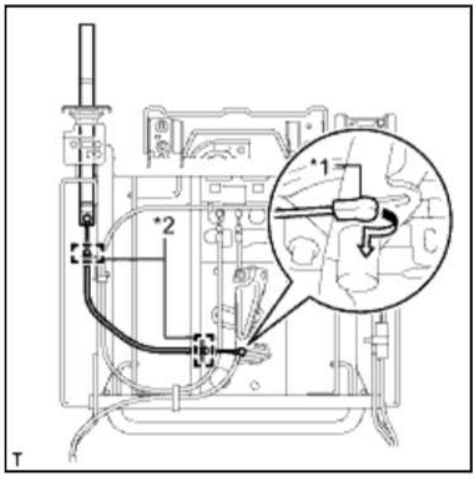
37. REMOVE REAR SEAT LOCK RELEASE STRAP ASSEMBLY

(a) Detach the 2 clamps.

Text in Illustration

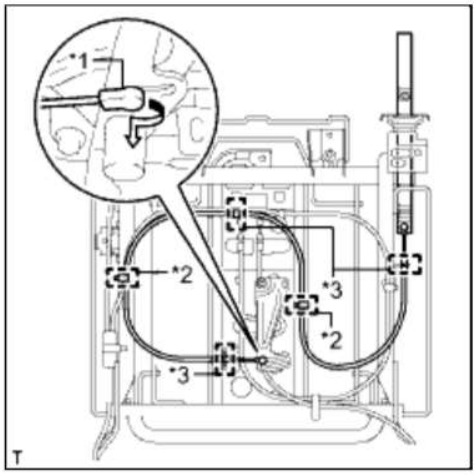
*1	Cable End
*2	Clamp

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(b) Twist the cable end in the direction indicated by the arrow and remove the cable.

38. REMOVE REAR SEAT LOCK RELEASE STRAP ASSEMBLY (for RH Side)



(a) Detach the 3 clamps and cut off the 2 cable ties.

Text in Illustration

*1	Cable End
*2	Cable Tie
*3	Clamp

(b) Twist the cable end in the direction indicated by the arrow and remove the cable.

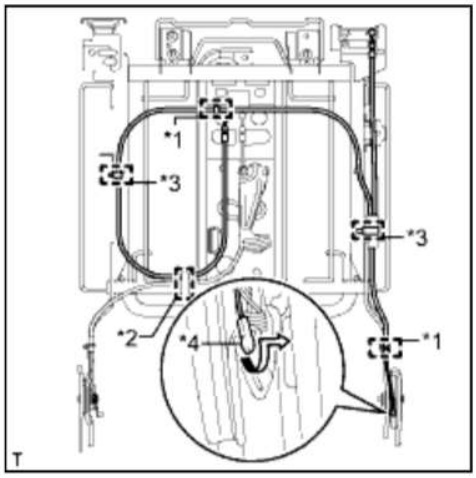
39. REMOVE FOLD SEAT LOCK CONTROL CABLE SUB-ASSEMBLY

(a) Remove the clamp labeled B and detach the 2 clamps labeled A.

Text in Illustration

*1	Clamp A
*2	Clamp B

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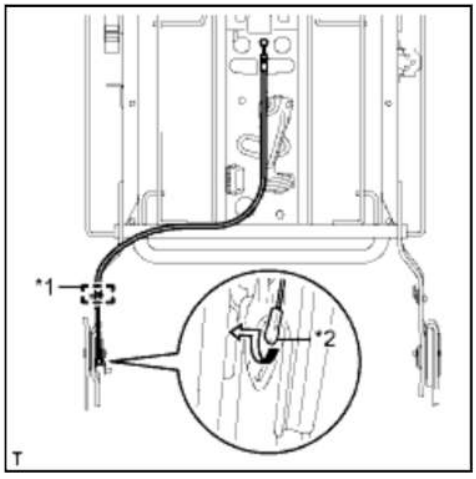


*3	Cable Tie
*4	Cable End

(b) Cut off the 2 cable ties.

(c) Twist the cable end in the direction indicated by the arrow and remove the cable.

40. REMOVE NO. 2 SEAT LOCK CABLE



(a) Detach the clamp.

Text in Illustration

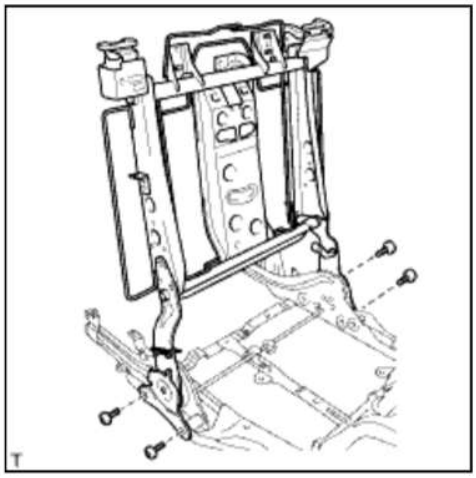
*1	Clamp
*2	Cable End

(b) Twist the cable end in the direction indicated by the arrow and remove the cable.

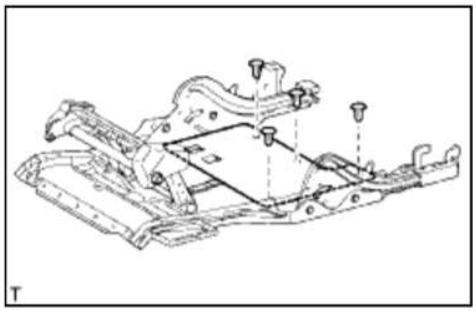
41. REMOVE NO. 3 SEATBACK FRAME SUB-ASSEMBLY LH

(a) Using a T45 "TORX" socket wrench, remove the 4 "TORX" bolts and frame.

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42. REMOVE NO. 3 SEAT LEG ASSEMBLY LH



(a) Remove the 4 clips and seat cushion under carpet LH from the No. 3 seat leg.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000045DU000X
Title: SEAT: REAR NO. 2 SEAT ASSEMBLY: REASSEMBLY (2010 4Runner)		

REASSEMBLY

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. INSTALL NO. 3 SEAT LEG ASSEMBLY LH

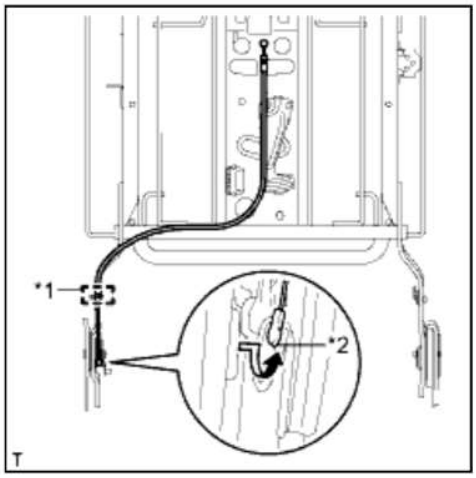
(a) Attach the 4 clips to install the seat cushion under carpet LH to the No. 3 seat leg.

2. INSTALL NO. 3 SEATBACK FRAME SUB-ASSEMBLY LH

(a) Using a T45 "TORX" socket wrench, install the seatback frame with the 4 "TORX" bolts.

Torque: 42 N·m (428 kgf·cm, 31ft·lbf)

3. INSTALL NO. 2 SEAT LOCK CABLE



(a) Twist the cable end in the direction indicated by the arrow to connect it.

Text in Illustration

*1	Clamp
*2	Cable End

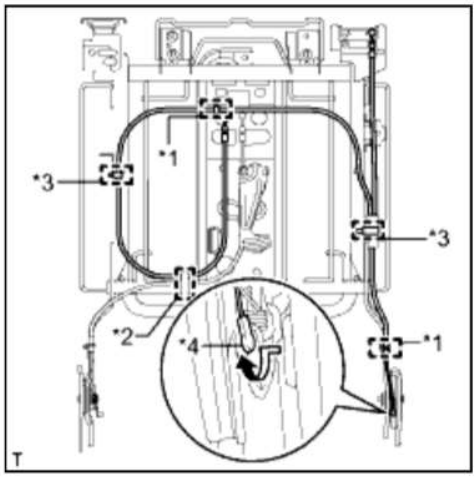
(b) Attach the clamp to install the cable.

4. INSTALL FOLD SEAT LOCK CONTROL CABLE SUB-ASSEMBLY

(a) Twist the cable end in the direction indicated by the arrow to connect it.

Text in Illustration

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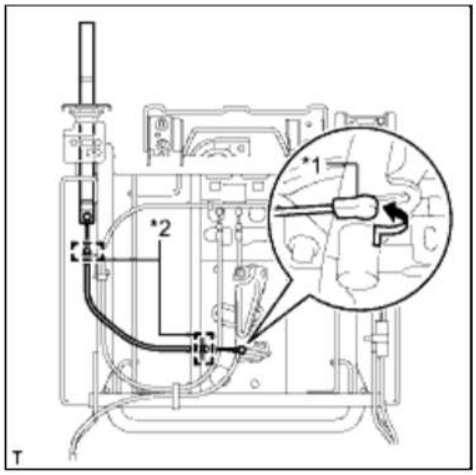
*1	Clamp A
*2	Clamp B
*3	Cable Tie
*4	Cable End

(b) Attach the 2 clamps labeled A to install the cable.

(c) Install the clamp labeled B together with the No. 2 seat lock cable.

(d) Install 2 new cable ties.

5. INSTALL REAR SEAT LOCK RELEASE STRAP ASSEMBLY



(a) Twist the cable end in the direction indicated by the arrow to connect it.

Text in Illustration

*1	Cable End
*2	Clamp

(b) Attach the 2 clamps to install the cable.

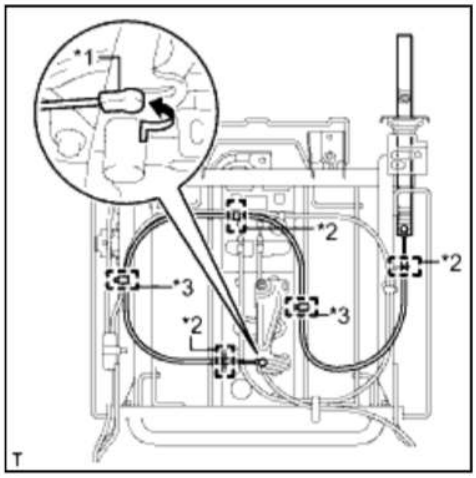
6. INSTALL REAR SEAT LOCK RELEASE STRAP ASSEMBLY (for RH Side)

(a) Twist the cable end in the direction indicated by the arrow to connect it.

Text in Illustration

*1	Cable End

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*2	Clamp
*3	Cable Tie

(b) Attach the 3 clamps to install the cable.

(c) Install 2 new cable ties.

7. INSTALL REAR NO. 2 SEAT OUTER RECLINING COVER RH

(a) Attach the 2 claws and guide to install the cover.

(b) Install the screw.

8. INSTALL REAR NO. 2 SEAT INNER RECLINING COVER RH

(a) Attach the 5 claws to install the cover.

9. INSTALL REAR NO. 2 SEAT OUTER RECLINING COVER LH

(a) Attach the 2 claws and guide to install the cover.

(b) Install the screw.

10. INSTALL REAR NO. 2 SEAT INNER RECLINING COVER LH

(a) Attach the 4 claws to install the cover.

11. INSTALL REAR NO. 3 SEAT PROTECTOR LH

(a) Attach the 4 claws to install the 2 protectors.

12. INSTALL REAR SEAT HEADREST ASSEMBLY

(a) Install the headrest with the 3 nuts.

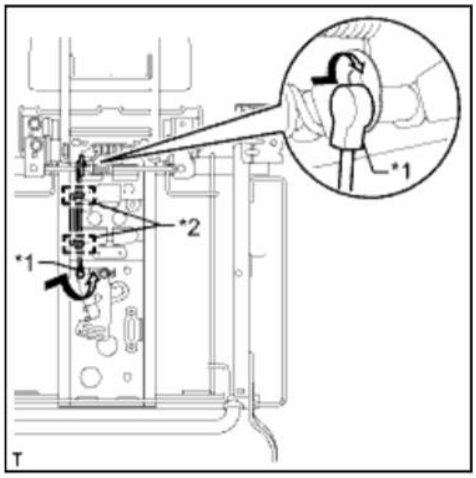
Torque: 14 N·m (143 kgf·cm, 10ft·lbf)

13. INSTALL REAR SEAT HEADREST CABLE

(a) Twist the 2 cable ends in the direction indicated by the arrow to connect them.

Text in Illustration

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*1	Cable End
*2	Clamp

(b) Attach the 2 clamps to install the cable.

14. INSTALL REAR SEAT HEADREST COVER

(a) Attach the 2 claws and guide to install the cover.

(b) Install the 2 screws.

15. INSTALL REAR NO. 2 SEATBACK EDGE PROTECTOR

(a) Install the protector to the seatback pad with new tack pins.

16. INSTALL NO. 3 SEATBACK COVER SUB-ASSEMBLY LH

(a) Using hog ring pliers, install the seatback cover to the seatback pad with new hog rings.

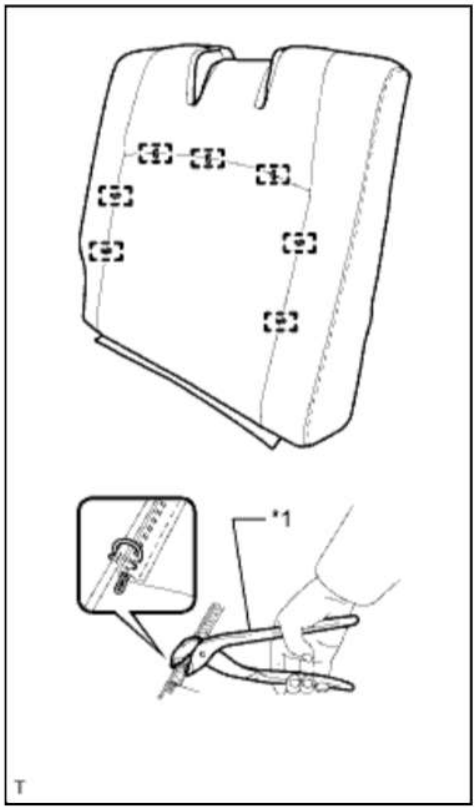
Text in Illustration

*1	Hog Ring Pliers

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

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17. INSTALL SEATBACK COVER WITH PAD

(a) Attach the 8 clips.

(b) Attach the hooks to install the seatback cover with pad.

18. INSTALL REAR SEAT NO. 1 COVER BEZEL

(a) Pass the strap through the bezel hole.

(b) Attach the guide to install the bezel.

(c) Install the 2 screws.

19. INSTALL REAR SEATBACK LOCK HOOK

(a) Install the lock hook.

20. INSTALL REAR SEATBACK BOARD SUB-ASSEMBLY LH

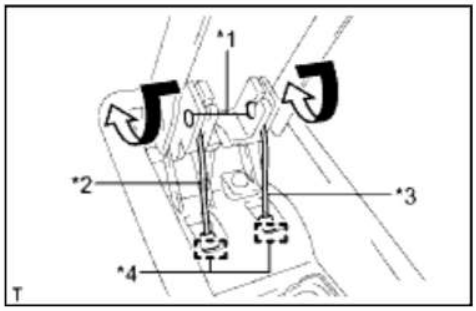
(a) Attach the 7 clips to install the board.

21. INSTALL REAR SEAT LOCK RELEASE LEVER ASSEMBLY

(a) Twist the 2 cable ends in the direction indicated by the arrow to connect them.

Text in Illustration

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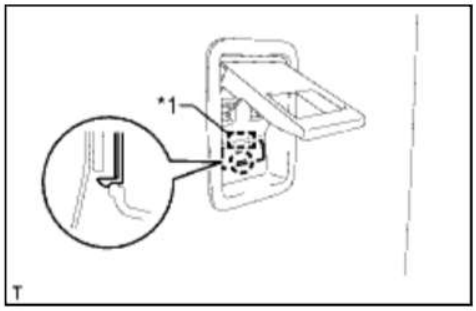
*1	Cable End
*2	No. 2 Seat Lock Cable
*3	Fold Seat Lock Control Cable
*4	Clamp

(b) Attach the 2 clamps.

(c) Attach the hook to install the lever.

(d) Install the 2 screws.

22. INSTALL REAR NO. 2 SEATBACK LOCK STRIKER COVER



(a) Attach the guide and claw to install the cover.

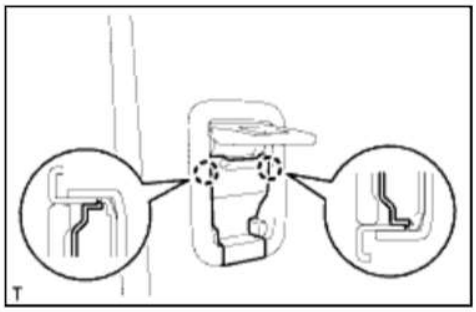
Text in Illustration

*1	Guide

23. INSTALL ROPE HOOK ASSEMBLY

(a) Install the rope hook with the bolt.

Torque: 6.0 N·m (61 kgf·cm, 53in·lbf)



(b) Attach the 2 claws to close the cover.

24. INSTALL REAR SEAT LOCK CONTROL LEVER SUB-ASSEMBLY LH

(a) Twist the cable end in the direction indicated by the arrow to connect it.

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Text in Illustration

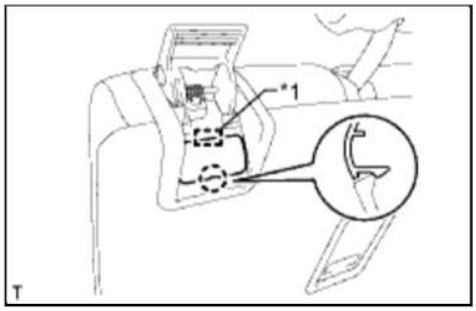
*1	Clamp
*2	Cable End
*3	Guide

(b) Attach the clamp.

(c) Attach the guide to install the lever.

(d) Install the 2 screws.

25. INSTALL REAR NO. 1 SEATBACK LOCK STRIKER COVER



(a) Attach the guide and claw to install the cover.

Text in Illustration

*1	Guide

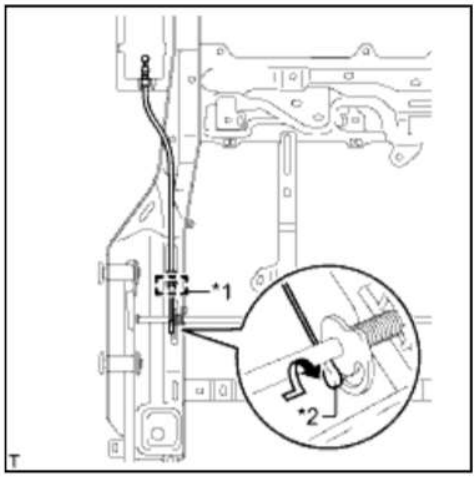
26. INSTALL REAR SEAT LOCK CONTROL CABLE LH

(a) Twist the cable end in the direction indicated by the arrow to connect it.

Text in Illustration

*1	Clamp
*2	Cable End

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(b) Attach the clamp to install the cable.

27. INSTALL REAR SEAT CUSHION INNER HINGE COVER LH

(a) Attach the guide to install the cover.

(b) Install the clip and screw.

28. INSTALL REAR SEAT CUSHION INNER HINGE COVER RH

(a) Attach the guide to install the cover.

(b) Install the clip and screw.

29. INSTALL REAR NO. 3 SEAT LEG COVER LH

(a) Attach the 2 claws to install the cover.

30. INSTALL REAR SEAT LEG COVER LH

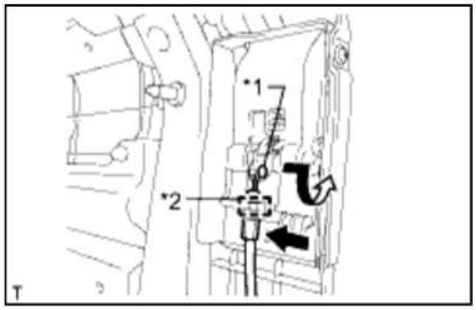
(a) Attach the 5 clips and 3 hooks to install the cover.

(b) Install the clip.

31. INSTALL SEAT TRACK LOCK LEVER

(a) Attach the 2 guides.

(b) Install the lever with the screw.



(c) Twist the cable end in the direction indicated by the arrow to connect it.

Text in Illustration

*1	Cable End
*2	Clamp

(d) Attach the clamp.

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32. INSTALL 3RD SEAT LINK SUB-ASSEMBLY LH

(a) Attach the 4 guides and 2 claws to install the link.

(b) Install the 3 clips.

33. INSTALL NO. 2 SEAT CUSHION FRAME SUB-ASSEMBLY LH

(a) Using a T40 "TORX" socket wrench, install the seat cushion frame with the 4 "TORX" bolts.

Torque: 25 N·m (255 kgf·cm, 18ft·lbf)

(b) Pull out the seat cushion frame.

34. INSTALL REAR NO. 2 SEAT CUSHION MOULDING

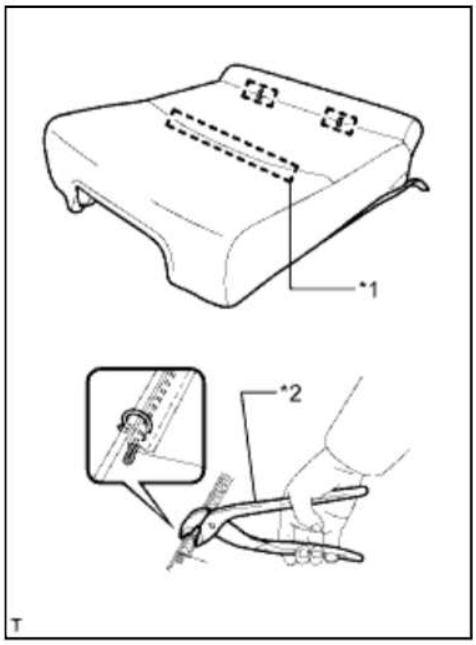
(a) Attach the 2 claws to install the moulding.

(b) Install the 2 screws.

35. INSTALL REAR NO. 2 SEAT CUSHION PROTECTOR

(a) Install the protector to the seat cushion pad with new tack pins.

36. INSTALL NO. 3 SEAT CUSHION COVER SUB-ASSEMBLY LH



(a) Using hog ring pliers, install the seat cushion cover to the seat cushion pad with new hog rings.

Text in Illustration

*1	Fastener
*2	Hog Ring Pliers

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

(b) Attach the fastener.

37. INSTALL SEAT CUSHION COVER WITH PAD

(a) Attach the 2 hooks to install the seat cushion cover with pad.

(b) Attach the 2 hooks.

(c) Install the 2 clips to close the cover.

(d) Close the 2 fasteners.

(e) Attach the 2 fasteners.

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38. INSTALL REAR NO. 1 SEAT CUSHION MOULDING

(a) Attach the 4 guides and 2 claws to install the moulding.

(b) Install the 2 clips.

39. INSTALL REAR NO. 2 SEAT INNER BELT ASSEMBLY LH INFO

40. INSTALL REAR SEAT LOWER CUSHION HINGE COVER RH

(a) Attach the guide and 2 claws to install the cover.

(b) Install the 2 screws.

41. INSTALL REAR SEAT LOWER CUSHION HINGE COVER LH

(a) Attach the 3 claws to install the cover.

(b) Install the 2 screws.

42. INSTALL REAR SEAT CAP

(a) Install the 2 caps.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000045DS000X
Title: SEAT: REAR NO. 2 SEAT ASSEMBLY: REMOVAL (2010 4Runner)		

REMOVAL

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

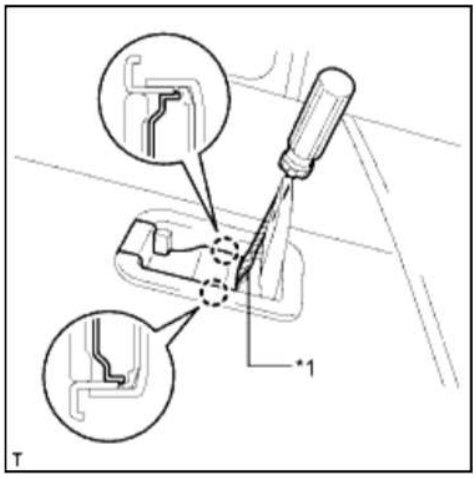
HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. REMOVE DECK BOARD ASSEMBLY

(a) Pull the 2 rear seat lock release straps and fold down the 2 headrests.

(b) Operate the 2 rear seat lock release levers and fold down the 2 seatbacks.



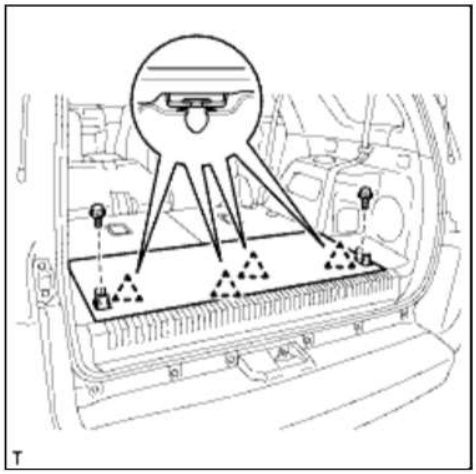
(c) Using a screwdriver, detach the 2 claws and open the cover.

Text in Illustration

*1	Protective Tape

HINT:

- Tape the screwdriver tip before use.
- Use the same procedure to open the cover on the other side.



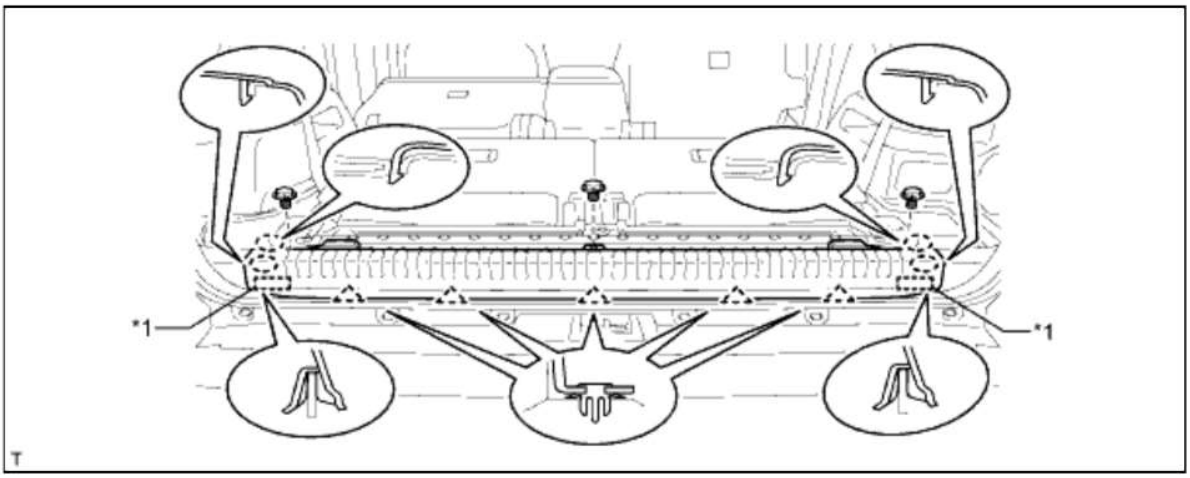
(d) Remove the 2 bolts.

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(e) Detach the 4 clips and remove the deck board.

2. REMOVE REAR FLOOR MAT SUPPORT PLATE

(a) Remove the 3 bolts.



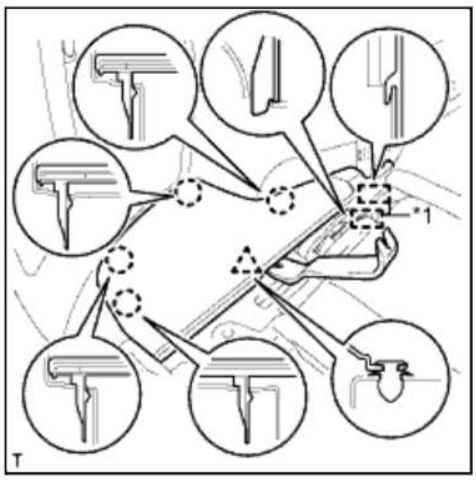
Text in Illustration

*1	Guide	-	-

(b) Detach the 4 claws and 2 guides.

(c) Detach the 5 clips and remove the support plate.

3. REMOVE REAR NO. 4 FLOOR BOARD



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

Text in Illustration

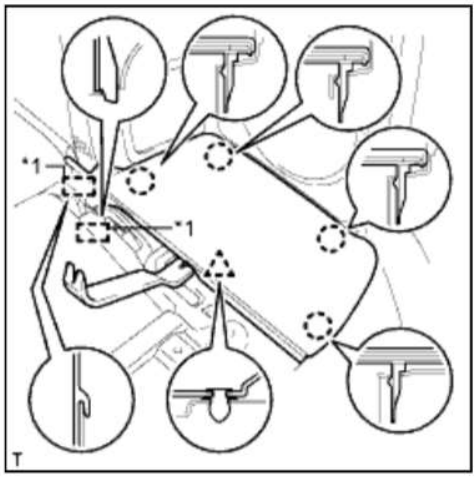
*1	Guide

(b) Detach the 2 guides and remove the floor board.

4. REMOVE REAR NO. 3 FLOOR BOARD

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

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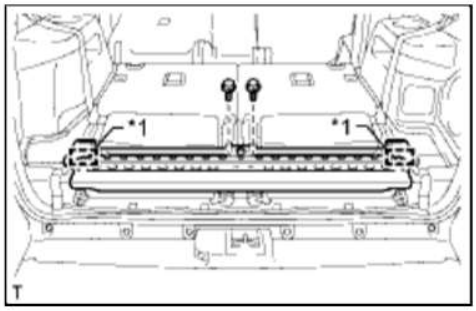


Text in Illustration

*1	Guide

(b) Detach the 2 guides and remove the floor board.

5. REMOVE DECK BOARD BRACKET REINFORCEMENT



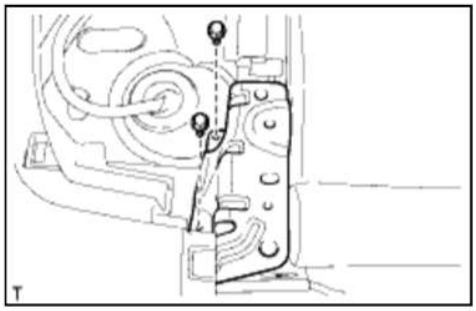
(a) Remove the 2 bolts.

Text in Illustration

*1	Hook

(b) Detach the 2 hooks and remove the reinforcement.

6. REMOVE NO. 1 DECK BOARD BRACKET LH



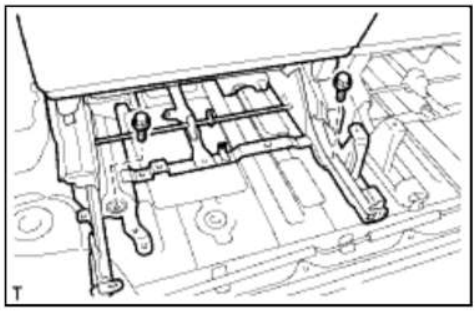
(a) Remove the 2 bolts and bracket.

7. REMOVE REAR NO. 2 SEAT ASSEMBLY LH

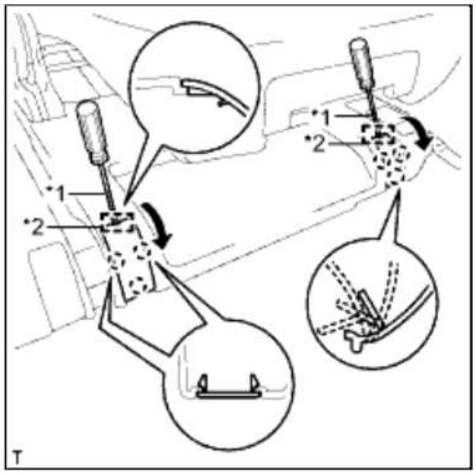
(a) Operate the seat cushion lock release lever and raise the seatback.

(b) Pull out the seat cushion.

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(c) Remove the 2 bolts.



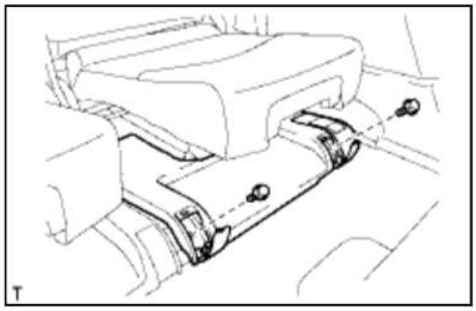
(d) Using a screwdriver, detach the 2 guides and 6 claws and open the 2 covers.

Text in Illustration

*1	Guide
*2	Protective Tape

HINT:

Tape the screwdriver tip before use.



(e) Remove the 2 bolts.

(f) Remove the rear No. 2 seat assembly from the vehicle.

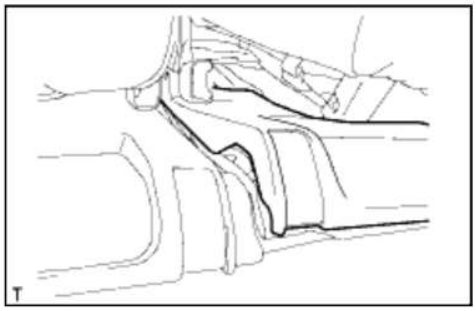
NOTICE:

Be careful not to damage the vehicle body.

HINT:

If removing the seat on the RH side with the LH side installed, remove it with the No. 3 rear seat leg cover LH raised as shown in the illustration.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000045DQ000X
Title: SEAT: REAR NO. 2 SEAT ASSEMBLY: INSTALLATION (2010 4Runner)		

INSTALLATION

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. INSTALL REAR NO. 2 SEAT ASSEMBLY LH

(a) Place the rear No. 2 seat assembly in the cabin.

NOTICE:

Be careful not to damage the vehicle body.

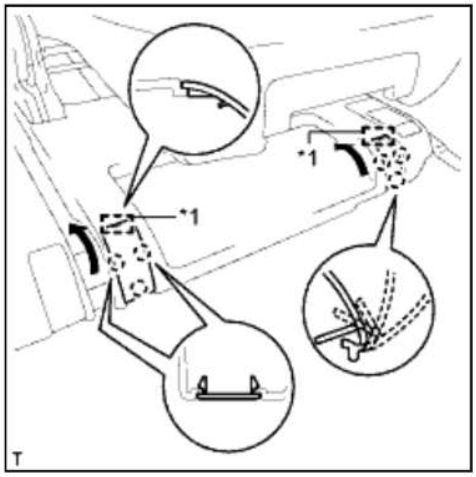
HINT:

If installing the seat on the RH side with the LH side installed, install it with the rear seat leg cover LH raised.

(b) Temporarily install the 4 bolts.

(c) Tighten the 4 bolts.

Torque: 37 N·m (377 kgf·cm, 27ft·lbf)



(d) Attach the 6 claws and 2 guides to close the 2 covers.

Text in Illustration

*1	Guide

2. INSTALL NO. 1 DECK BOARD BRACKET LH

(a) Install the bracket with the 2 bolts.

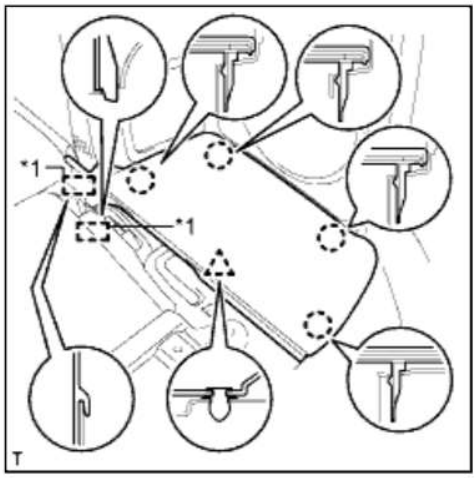
3. INSTALL DECK BOARD BRACKET REINFORCEMENT

(a) Attach the 2 hooks to install the reinforcement.

(b) Install the 2 bolts.

4. INSTALL REAR NO. 3 FLOOR BOARD

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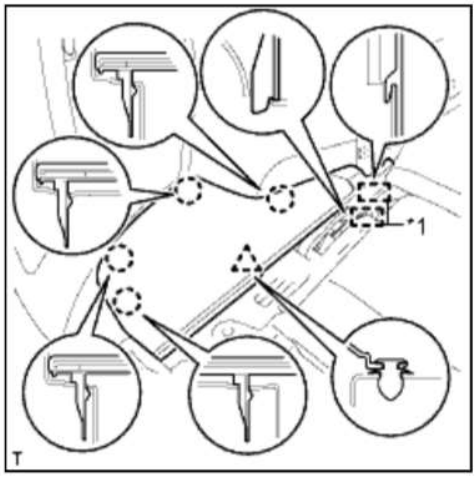
(a) Attach the 2 guides and 4 claws.

Text in Illustration

*1	Guide

(b) Attach the clip to install the board.

5. INSTALL REAR NO. 4 FLOOR BOARD



(a) Attach the 2 guides and 4 claws.

Text in Illustration

*1	Guide

(b) Attach the clip to install the board.

6. INSTALL REAR FLOOR MAT SUPPORT PLATE

(a) Attach the 5 clips and 2 guides.

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

(c) Install the 3 bolts.

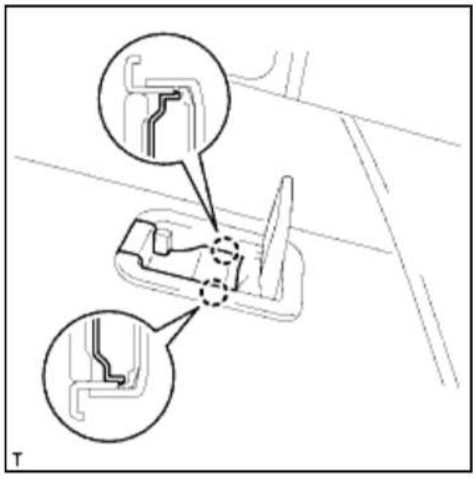
7. INSTALL DECK BOARD ASSEMBLY

(a) Attach the 4 clips to install the board.

(b) Install the 2 bolts.

(c) Attach the 2 claws to close the cover.

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HINT:

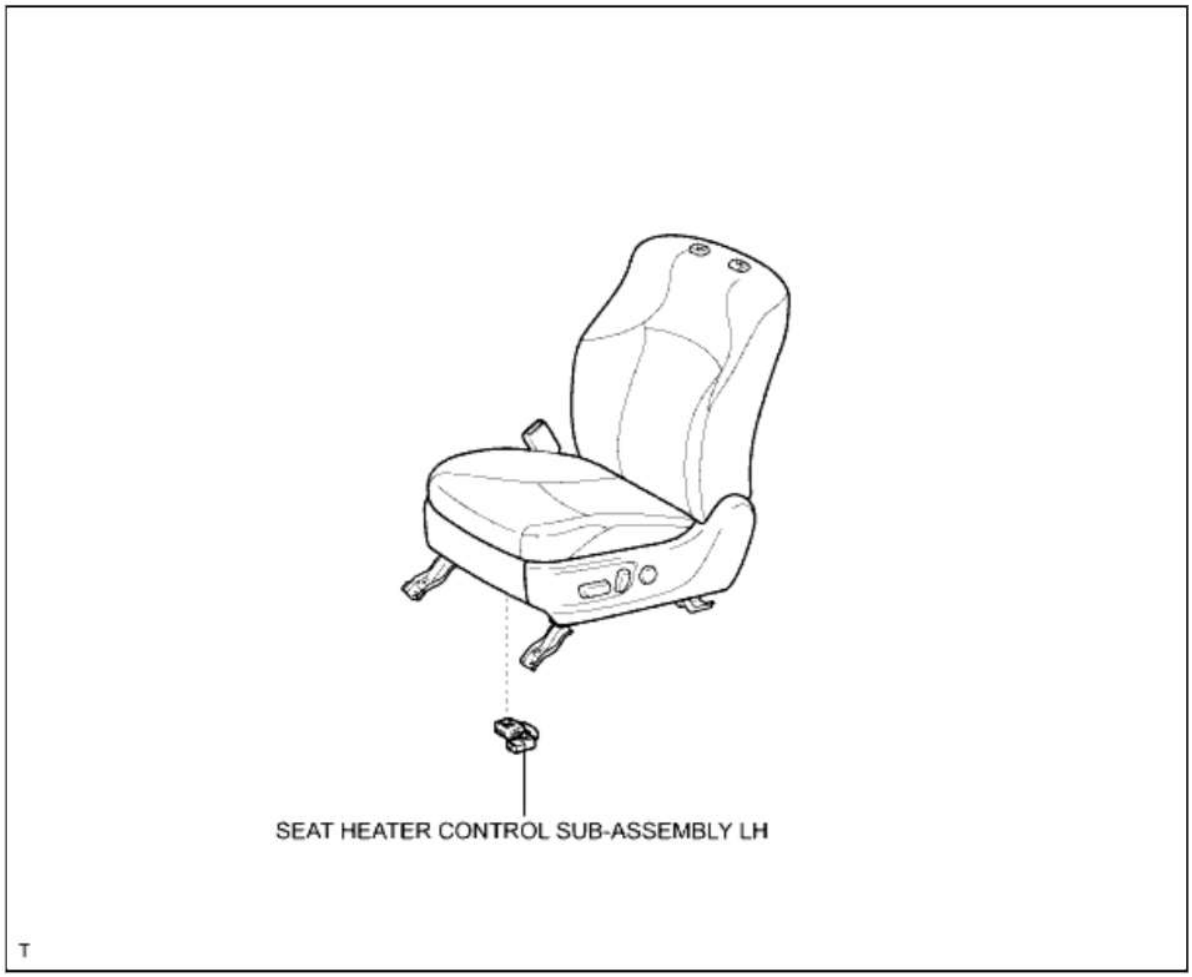
Use the same procedure to close the cover on the other side.

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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000467Y001X
Title: SEAT: SEAT HEATER CONTROL: COMPONENTS (2010 4Runner)		

COMPONENTS

ILLUSTRATION



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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000467Z001X
Title: SEAT: SEAT HEATER CONTROL: REMOVAL (2010 4Runner)		

REMOVAL

CAUTION:

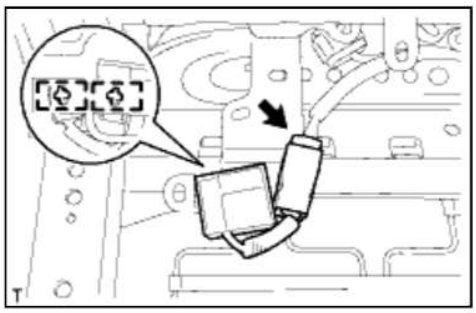
Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. REMOVE FRONT SEAT ASSEMBLY

(a) Remove the front seat assembly INFO .



2. REMOVE SEAT HEATER CONTROL SUB-ASSEMBLY LH

(a) Disconnect the connector.

(b) Detach the 2 clamps and remove the seat heater control.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM00000467X001X
Title: SEAT: SEAT HEATER CONTROL: INSTALLATION (2010 4Runner)		

INSTALLATION

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. INSTALL SEAT HEATER CONTROL SUB-ASSEMBLY LH

(a) Attach the 2 clamps to install the seat heater control.

(b) Connect the connector.

2. INSTALL FRONT SEAT ASSEMBLY

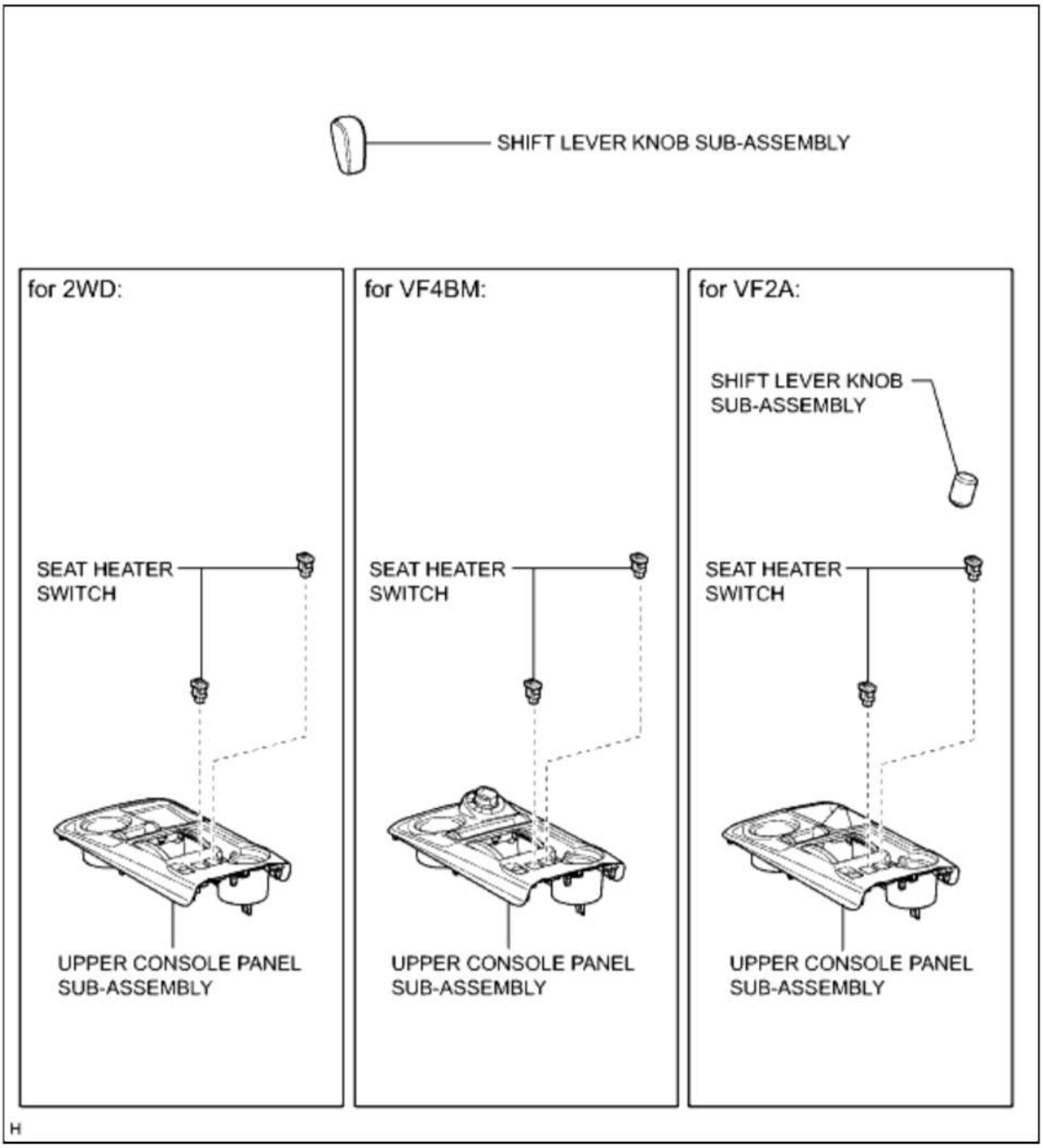
(a) Install the front seat assembly INFO .

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Last Modified: 5-10-2010	6.4 K	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000047G7000X
Title: SEAT: SEAT HEATER SWITCH: COMPONENTS (2010 4Runner)		

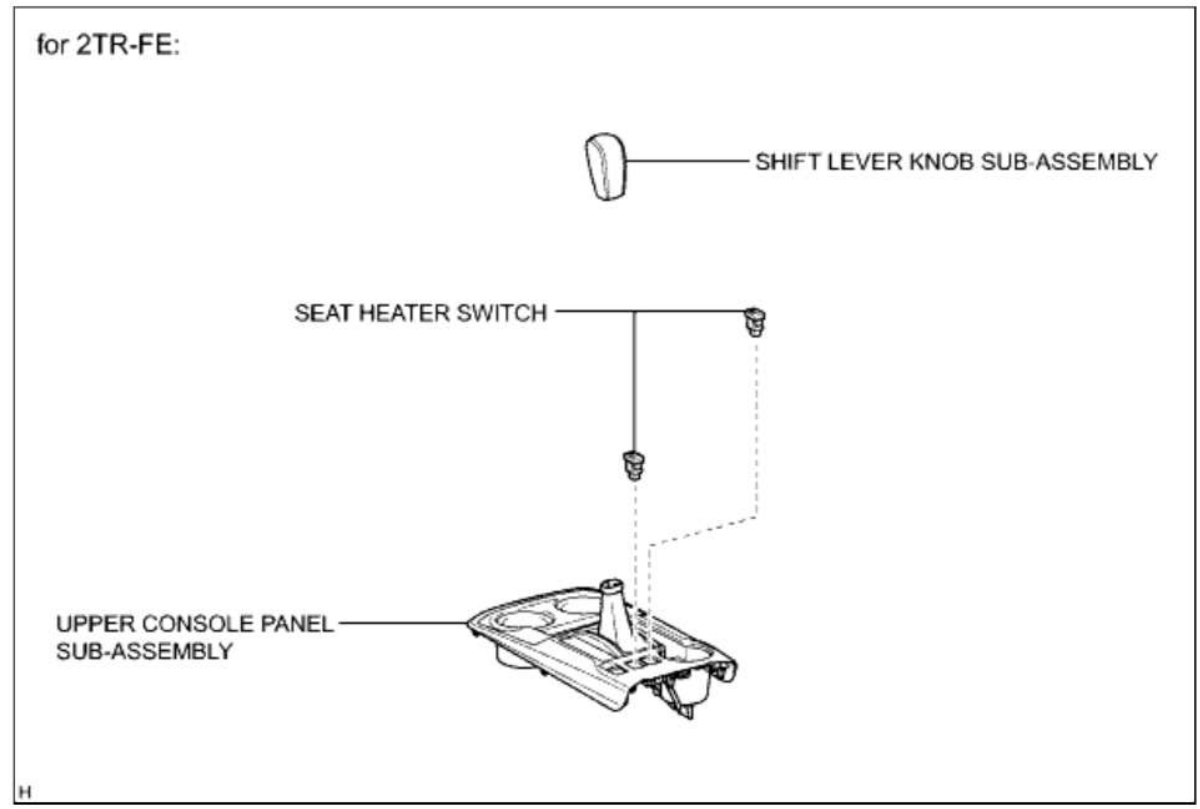
COMPONENTS

ILLUSTRATION



ILLUSTRATION

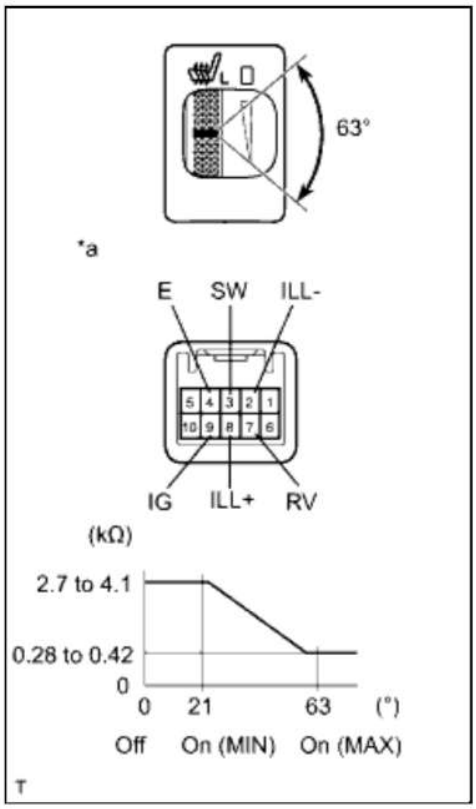
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Last Modified: 5-10-2010	6.4 G	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000002XF000SX
Title: SEAT: SEAT HEATER SWITCH: INSPECTION (2010 4Runner)		

INSPECTION



1. INSPECT SEAT HEATER SWITCH LH

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

Standard Resistance:

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
3 (SW) - 7 (RV)	Switch off	2.7 to 4.1 kΩ
	Switch on (Min.)	
	Switch on (Max.)	0.28 to 0.42 kΩ

HINT:

As the dial is being turned, the resistance changes gradually.

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

Text in Illustration

*a	Component without harness connected (Seat Heater Switch)

(b) Apply battery voltage to the switch connector, and check that the seat heater switch illuminates.

OK:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → 8 (ILL+) Battery negative (-) → 2 (ILL-)	Illuminates

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

(c) Apply battery voltage to the switch connector, and check that the seat heater switch indicator illuminates.

OK:

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MEASUREMENT CONDITION	SWITCH CONDITION	SPECIFIED CONDITION
Battery positive (+) → 9 (IG) Battery negative (-) → 4 (E)	Switch on	Indicator illuminates

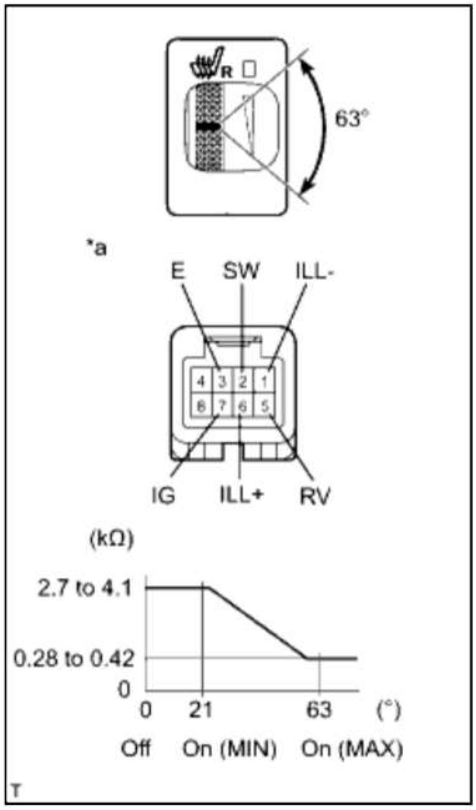
If the result is not as specified, replace the seat heater switch.

2. INSPECT SEAT HEATER SWITCH RH

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

Standard Resistance:

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
2 (SW) - 5 (RV)	Switch off	2.7 to 4.1 kΩ
	Switch on (Min.)	
	Switch on (Max.)	0.28 to 0.42 kΩ



HINT:

As the dial is being turned, the resistance changes gradually.

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

Text in Illustration

*a	Component without harness connected (Seat Heater Switch)

(b) Apply battery voltage to the switch connector, and check that the seat heater switch illuminates.

OK:

MEASUREMENT CONDITION	SPECIFIED CONDITION
Battery positive (+) → 6 (ILL+) Battery negative (-) → 1 (ILL-)	Illuminates

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

(c) Apply battery voltage to the switch connector, and check that the seat heater switch indicator illuminates.

OK:

MEASUREMENT CONDITION	SWITCH CONDITION	SPECIFIED CONDITION
Battery positive (+) → 7 (IG) Battery negative (-) → 3 (E)	Switch on	Indicator illuminates

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



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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000047G8000X
Title: SEAT: SEAT HEATER SWITCH: REMOVAL (2010 4Runner)		

REMOVAL

1. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY INFO

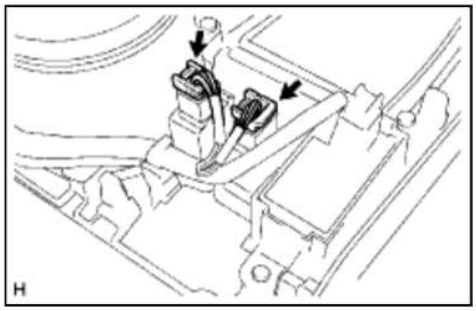
2. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (for VF2A) INFO

3. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (for 2TR-FE) INFO

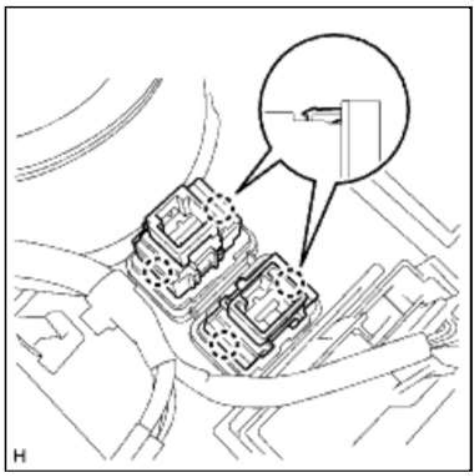
4. REMOVE UPPER CONSOLE PANEL SUB-ASSEMBLY INFO

5. REMOVE UPPER CONSOLE PANEL SUB-ASSEMBLY (for 2TR-FE) INFO

6. REMOVE SEAT HEATER SWITCH



(a) Disconnect the 2 connectors.



(b) Detach the 4 claws and remove the 2 switches.

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Last Modified: 5-10-2010	6.4 A	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000047G6000X
Title: SEAT: SEAT HEATER SWITCH: INSTALLATION (2010 4Runner)		

INSTALLATION

1. INSTALL SEAT HEATER SWITCH

(a) Attach the 4 claws to install the 2 switches.

(b) Connect the 2 connectors.

2. INSTALL UPPER CONSOLE PANEL SUB-ASSEMBLY (for 2TR-FE) INFO

3. INSTALL UPPER CONSOLE PANEL SUB-ASSEMBLY INFO

4. INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY (for 2TR-FE) INFO

5. INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY (for VF2A) INFO

6. INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY INFO

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Last Modified: 5-10-2010	6.4 L	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000003PSH00HX
Title: SEAT: SEAT HEATER SYSTEM: PRECAUTION (2010 4Runner)		

PRECAUTION

1. IGNITION SWITCH EXPRESSION

HINT:

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.

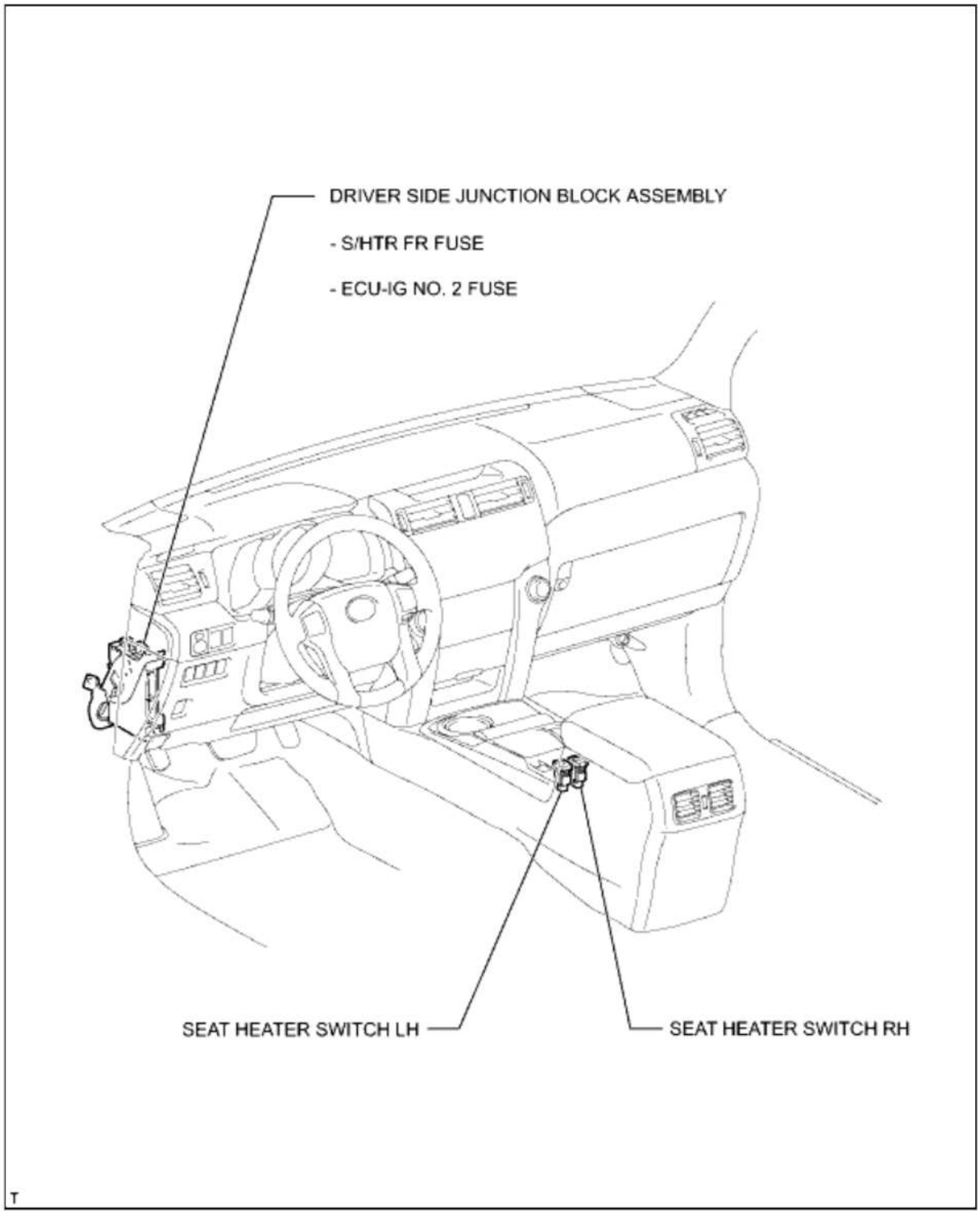
EXPRESSION	IGNITION SWITCH (POSITION)	ENGINE SWITCH (CONDITION)
Ignition Switch off	Off	Off
Ignition Switch ON	ON	On (IG)
Ignition Switch ACC	ACC	On (ACC)
Engine Start	START	Start

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Last Modified: 5-10-2010	6.4 R	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000011HP01EX
Title: SEAT: SEAT HEATER SYSTEM: PARTS LOCATION (2010 4Runner)		

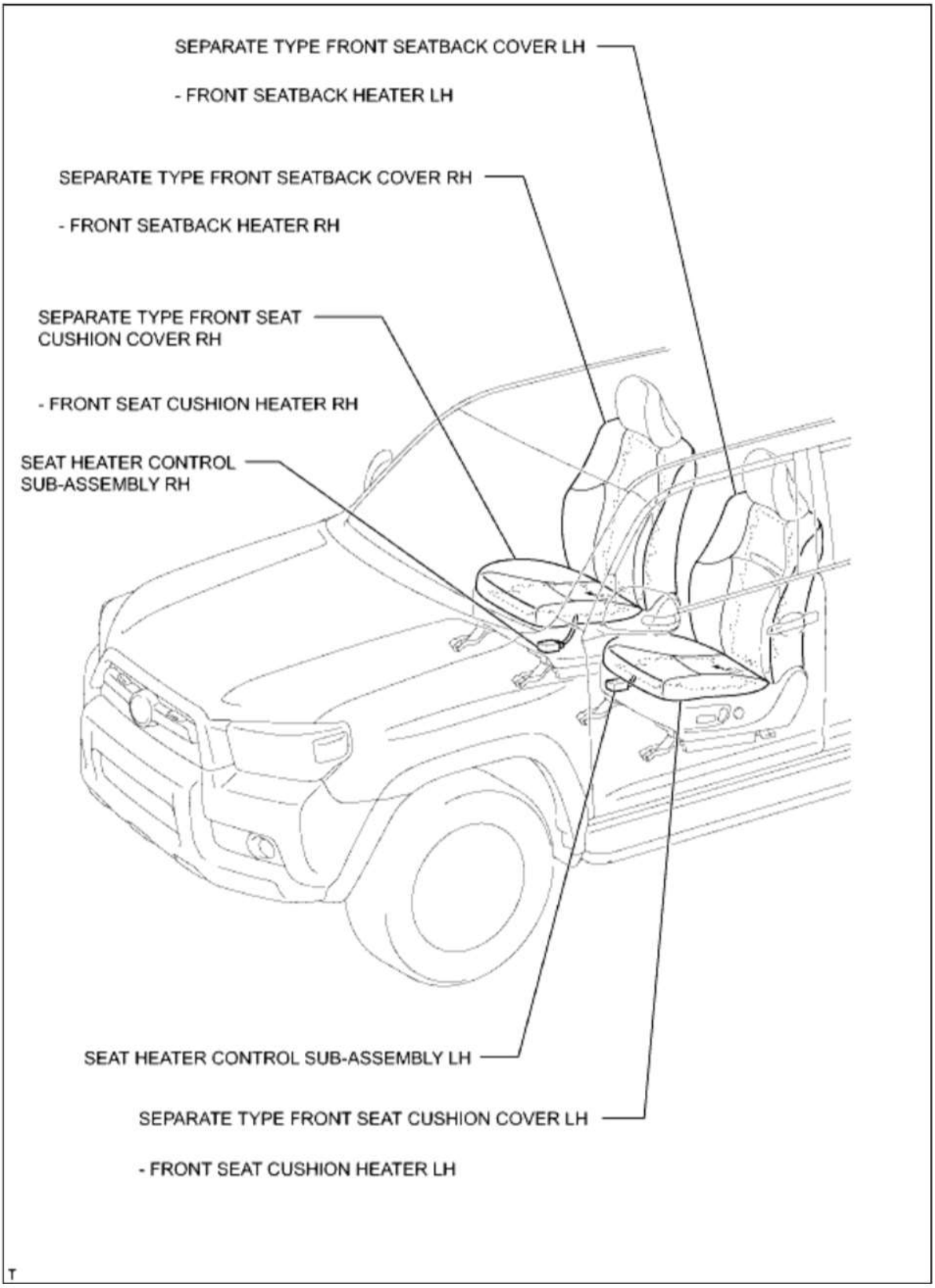
PARTS LOCATION

ILLUSTRATION



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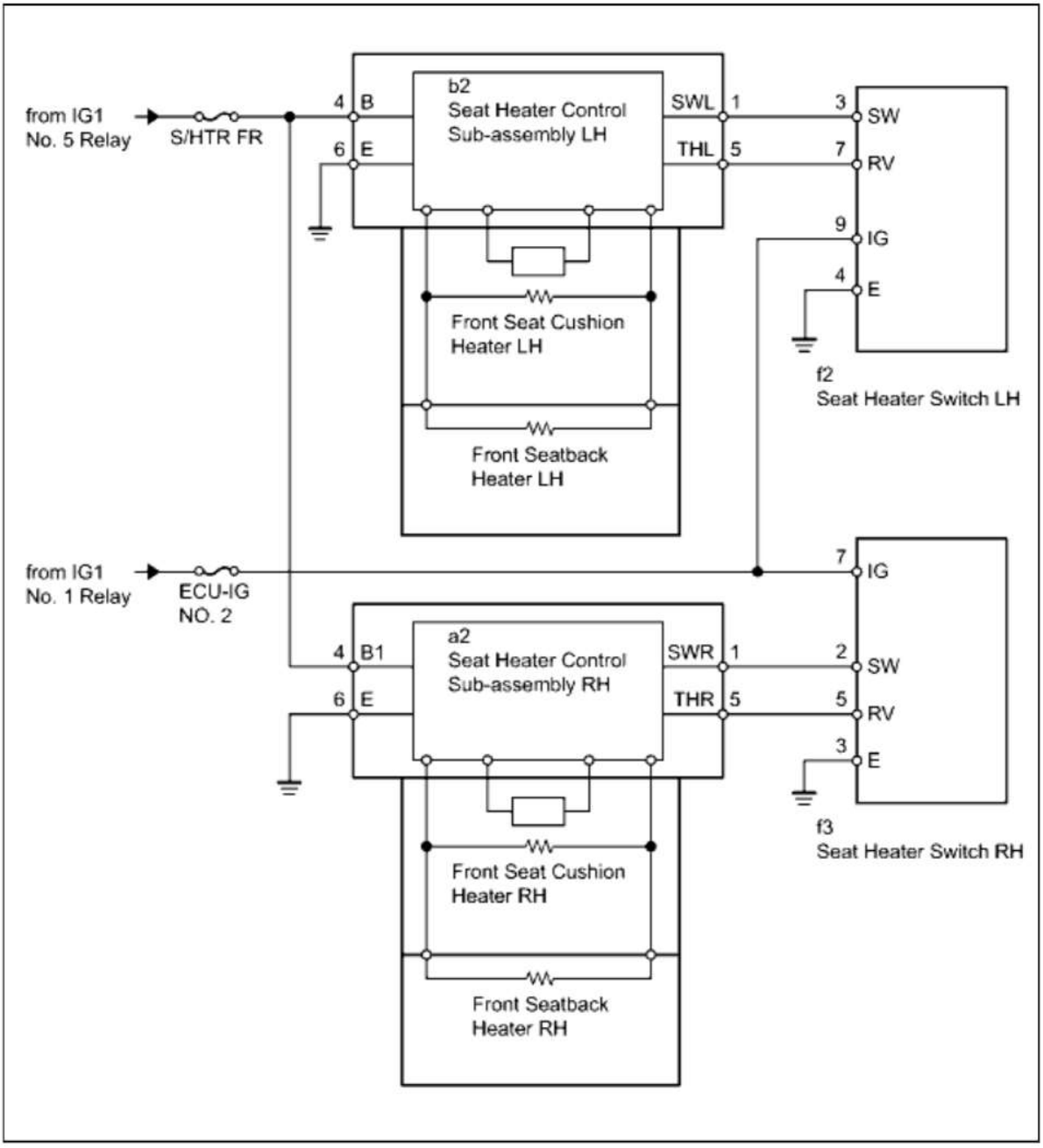
ILLUSTRATION



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Last Modified: 5-10-2010	6.4 U	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000011HS01AX
Title: SEAT: SEAT HEATER SYSTEM: SYSTEM DIAGRAM (2010 4Runner)		

SYSTEM DIAGRAM



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Last Modified: 5-10-2010	6.4 D	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000011HR01DX
Title: SEAT: SEAT HEATER SYSTEM: SYSTEM DESCRIPTION (2010 4Runner)		

SYSTEM DESCRIPTION

1. GENERAL DESCRIPTION

(a) By operating the seat heater switch, which is located in the console box, the seat temperature can be controlled within the range of 30 to 40°C (86 to 104°F).

(b) The seat heater switch indicator light indicates the seat heater on/off status.

(c) The seat heaters of both seats are controlled by the seat heater controls, which are located under the respective seat.

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Last Modified: 5-10-2010	6.4 T	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM0000011HQ01DX
Title: SEAT: SEAT HEATER SYSTEM: PROBLEM SYMPTOMS TABLE (2010 4Runner)		

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.
- Inspect the fuses and relays related to this system before inspecting the suspected areas below.

Seat Heater System

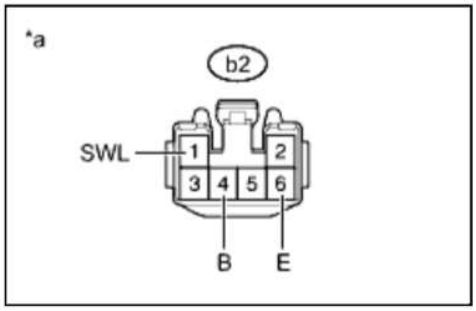
SYMPTOM	SUSPECTED AREA	SEE PAGE
Seat heater LH does not operate	Seat heater switch LH	INFO
	Separate type front seat cushion cover LH	INFO
	Separate type front seatback cover LH	INFO
	Seat heater control sub-assembly LH	INFO
	Harness or connector	-
Seat heater RH does not operate	Seat heater switch RH	INFO
	Separate type front seat cushion cover RH	INFO
	Separate type front seatback cover RH	INFO
	Seat heater control sub-assembly RH	INFO
	Harness or connector	-

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Last Modified: 5-10-2010	6.4 G	**From:** 200908
Model Year: 2010	**Model:** 4Runner	**Doc ID:** RM000003F7K004X
Title: SEAT: SEAT HEATER SYSTEM: ON-VEHICLE INSPECTION (2010 4Runner)		

ON-VEHICLE INSPECTION

1. INSPECT SEAT HEATER CONTROL SUB-ASSEMBLY LH



(a) Disconnect the b2 heater control connector.

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

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
b2-6 (E) - Body ground	Always	Below 1 Ω

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

Standard Voltage:

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
b2-1 (SWL) - b2-6 (E)	Ignition switch ON Seat heater switch LH off	Below 1 V
	Ignition switch ON Seat heater switch LH on	11 to 14 V
b2-4 (B) - b2-6 (E)	Ignition switch off	Below 1 V
	Ignition switch ON	11 to 14 V

Text in Illustration

*a	Front view of wire harness connector (to Seat Heater Control Sub-assembly LH)

If the result is not as specified, there may be a malfunction on the wire harness side.

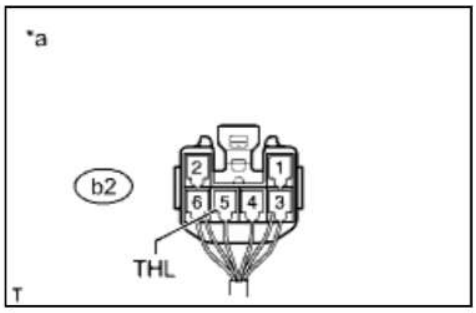
(d) Connect the b2 heater control connector.

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

Standard Voltage:

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
b2-5 (THL) - Body ground	Ignition switch ON Seat heater switch LH on, MIN → MAX	Gradual increase between value below 1 V and value from 11 to 14 V

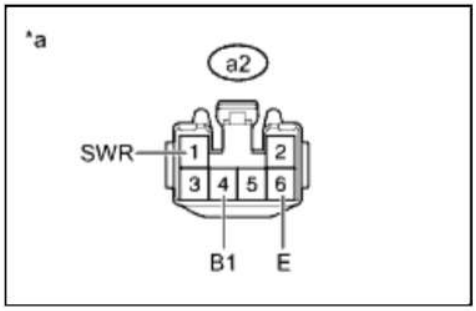


Text in Illustration

*a	Component with harness connected (Seat Heater Control Sub-assembly LH)

If the result is not as specified, the seat heater control may have a malfunction.

2. INSPECT SEAT HEATER CONTROL SUB-ASSEMBLY RH



(a) Disconnect the a2 heater control connector.

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

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
a2-6 (E) - Body ground	Always	Below 1 Ω

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

Standard Voltage:

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TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
a2-1 (SWR) - a2-6 (E)	Ignition switch ON Seat heater switch RH off	Below 1 V
	Ignition switch ON Seat heater switch RH on	11 to 14 V
a2-4 (B1) - a2-6 (E)	Ignition switch off	Below 1 V
	Ignition switch ON	11 to 14 V

Text in Illustration

*a	Front view of wire harness connector (to Seat Heater Control Sub-assembly RH)

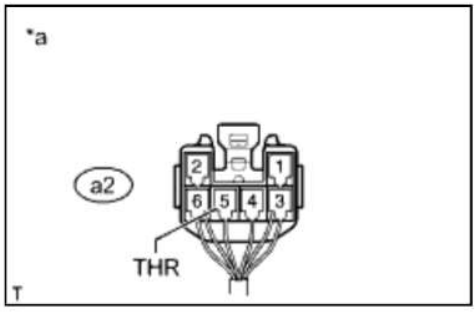
If the result is not as specified, there may be a malfunction on the wire harness side.

(d) Connect the a2 heater control connector.

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

Standard Voltage:

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
a2-5 (THR) - Body ground	Ignition switch ON Seat heater switch RH on, MIN → MAX	Gradual increase between value below 1 V and value from 11 to 14 V



Text in Illustration

*a	Component with harness connected (Seat Heater Control Sub-assembly RH)

If the result is not as specified, the seat heater control may have a malfunction.

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