

<b>Last Modified:</b> 3-31-2011	6.4 A	<b>From:</b> 201008
<b>Model Year:</b> 2011	<b>Model:</b> 4Runner	<b>Doc ID:</b> RM000004672009X
<b>Title:</b> SEAT: FRONT SEAT REMOVAL (2011 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. PRECAUTION

#### CAUTION:

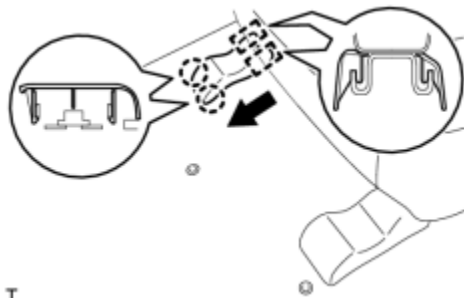
- Be sure to read Precaution thoroughly before servicing.
- If the side airbag was deployed, replace the separate type front seatback assembly with the necessary parts in accordance with the extent of the collision damage.

### 2. REMOVE FRONT SEAT HEADREST ASSEMBLY

(a) Remove the front seat headrest.

### 3. REMOVE FRONT SEAT INNER TRACK BRACKET COVER LH

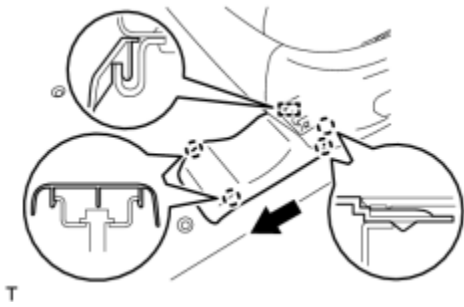
(a) Operate the power seat switch (slide switch) to move the seat to the rearmost position.



(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.

### 4. REMOVE FRONT SEAT OUTER TRACK BRACKET COVER LH

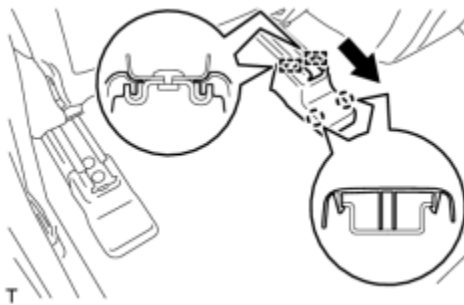


(a) Using a moulding remover, detach the 2 claws.

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

### 5. REMOVE INNER SEAT TRACK BRACKET COVER LH

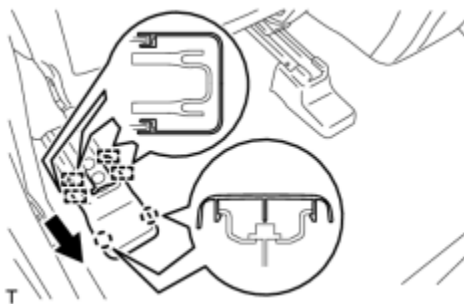
(a) Operate the power seat switch (slide switch) to move the seat to the foremost position.



(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.

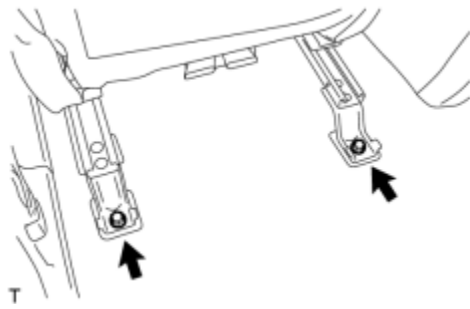
### 6. REMOVE OUTER SEAT TRACK COVER LH



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

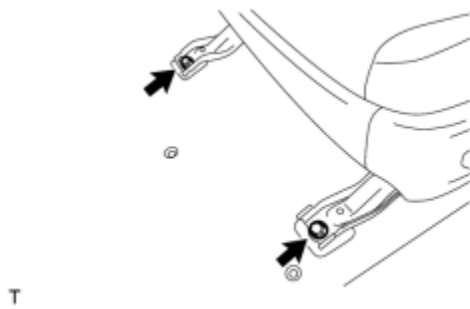
(b) Move the cover in the direction of the arrow to detach the 4 guides and remove the cover.

### 7. REMOVE FRONT SEAT ASSEMBLY



(a) Remove the 2 bolts.

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



(c) Remove the 2 bolts.

(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

(f) Disconnect the connectors under the seat.

(g) Remove the front seat assembly.

#### NOTICE:

Be careful not to damage the vehicle body.



<b>Last Modified:</b> 3-31-2011	6.4 A	<b>From:</b> 201008
<b>Model Year:</b> 2011	<b>Model:</b> 4Runner	<b>Doc ID:</b> RM00000467300BX
<b>Title:</b> SEAT: DISASSEMBLY (2011 4Runner)		

## DISASSEMBLY

### CAUTION:

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

### HINT:

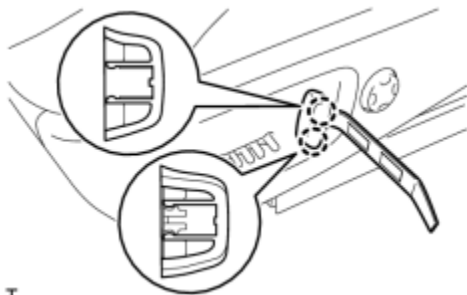
- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.



### 1. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB

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

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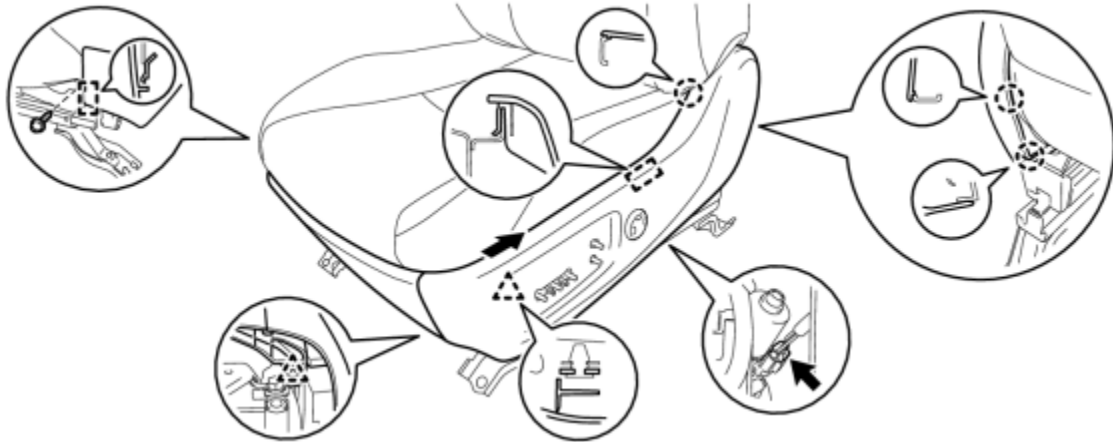


### 2. REMOVE RECLINING POWER SEAT SWITCH KNOB

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

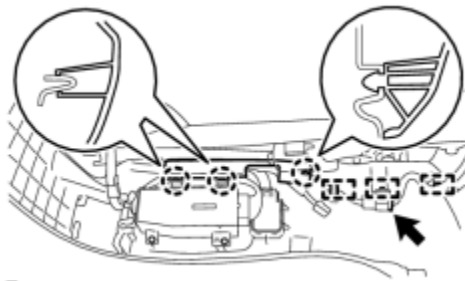
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### 3. REMOVE FRONT SEAT CUSHION SHIELD LH



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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.



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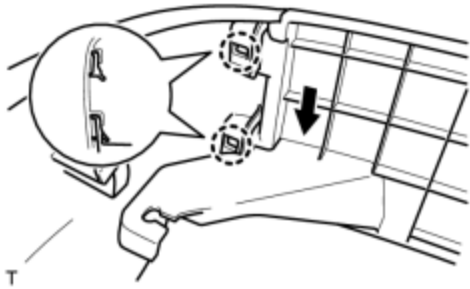
- (f) Detach the 3 claws and open the wire harness cover.

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

4. REMOVE FRONT POWER SEAT SWITCH LH

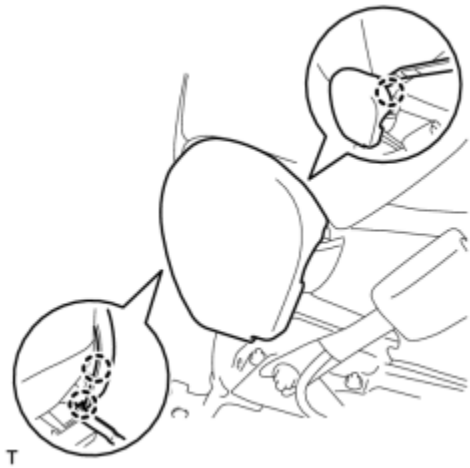
5. REMOVE LUMBAR SWITCH ASSEMBLY (for Driver Side)

6. REMOVE FRONT SEAT NO. 1 INNER CUSHION



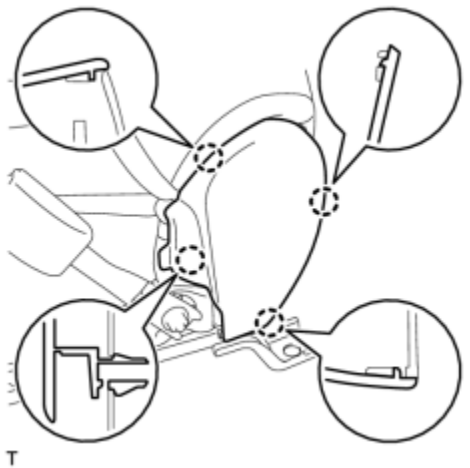
### SHIELD LH

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



### 7. REMOVE FRONT SEAT INNER CUSHION SHIELD LH

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



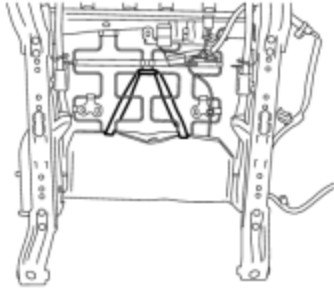
### 8. REMOVE FRONT SEAT INNER CUSHION SHIELD RH (for Front Passenger Side)

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

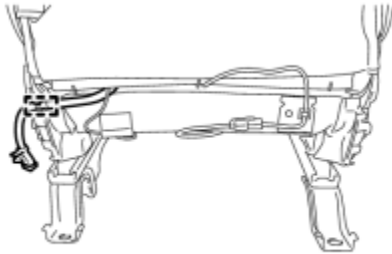
### 9. REMOVE FRONT SEAT INNER BELT ASSEMBLY LH

### 10. REMOVE SEPARATE TYPE FRONT SEATBACK ASSEMBLY

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

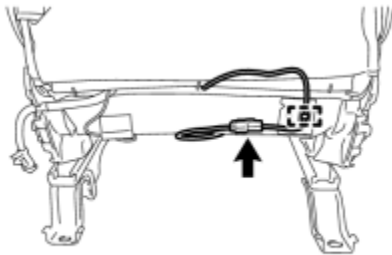


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(b) Detach the clamp and disconnect the No. 2 seat wire.

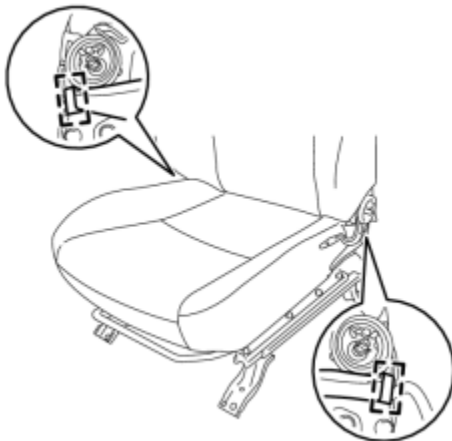
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(c) w/ Seat Heater System:

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

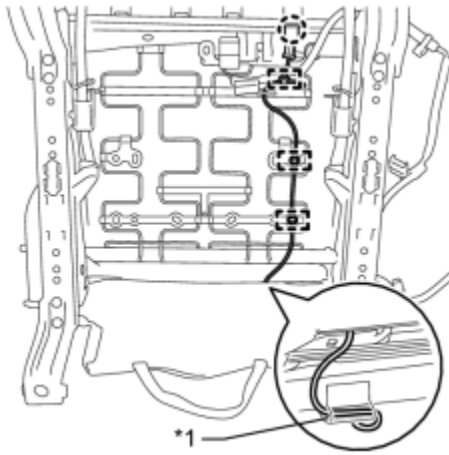
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(d) Detach the 2 hooks.

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

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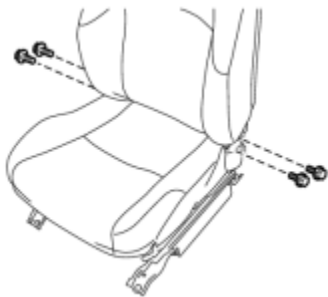
(f) Detach the 3 airbag wire harness clamps.

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

*Text in Illustration*

*1	Fastening Tape
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(h) Disconnect the airbag wire harness.

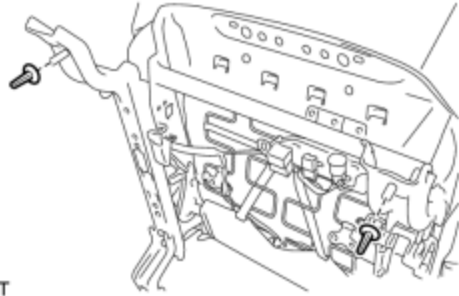


(i) Remove the 4 bolts and seatback assembly.

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**11. REMOVE SEAT ADJUSTER COVER CAP**

(a) Remove the 2 caps.



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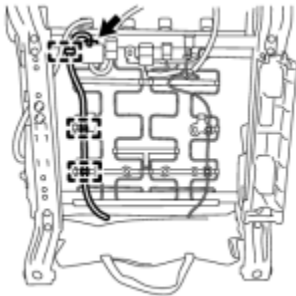
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## 12. REMOVE FRONT SEAT LEG COVER LH

(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

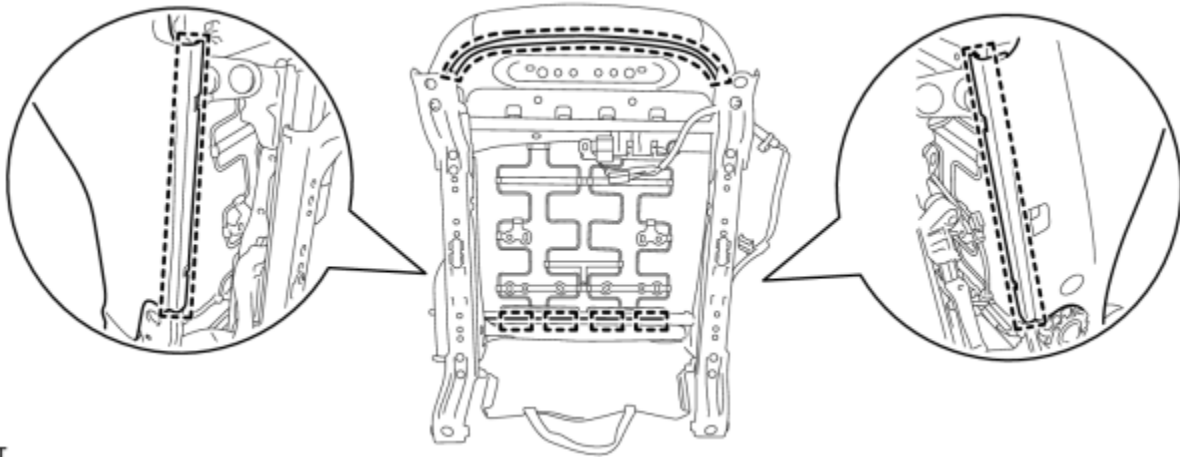


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(a) w/ Seat Heater System:

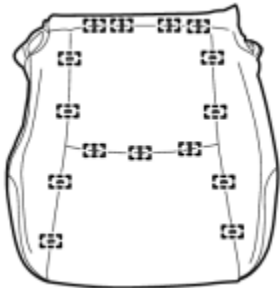
Disconnect the seat heater connector and detach the 3 seat heater wire harness clamps.

(b) Detach the hooks.



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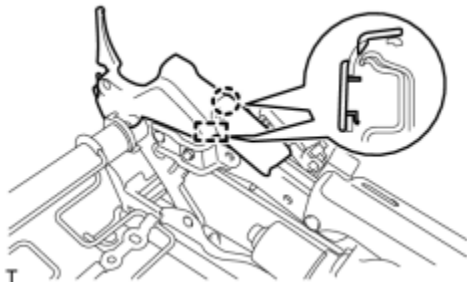
(c) Remove the seat cushion cover with pad.



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#### 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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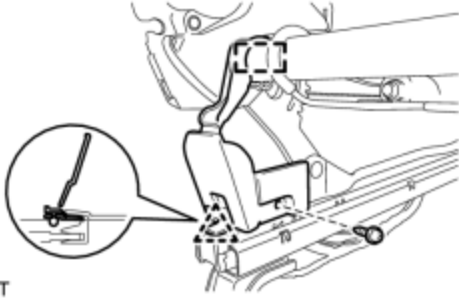
#### 15. REMOVE RECLINING ADJUSTER INSIDE COVER LH

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

#### 16. REMOVE FRONT SEAT LOWER CUSHION SHIELD LH

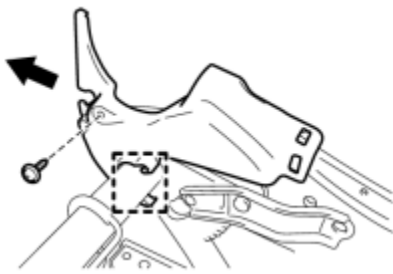
(a) Remove the screw.

(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**

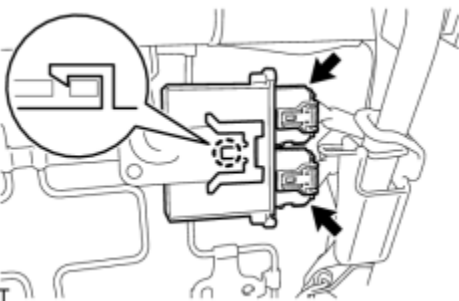
- (a) Remove the screw.
- (b) Move the protector in the direction of the arrow to detach the hook and remove the protector.

**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)**

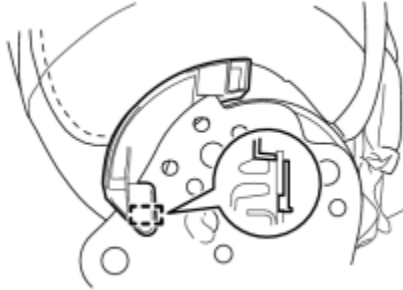


**21. REMOVE OCCUPANT CLASSIFICATION ECU (for Front Passenger Side)**

- (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

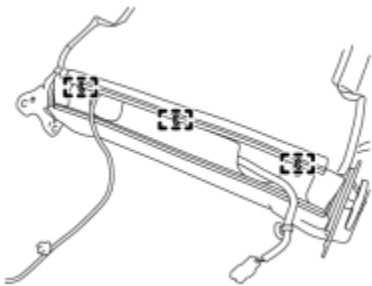
(a) Detach the guide and remove the cover.

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## 24. REMOVE RECLINING ADJUSTER INSIDE COVER RH

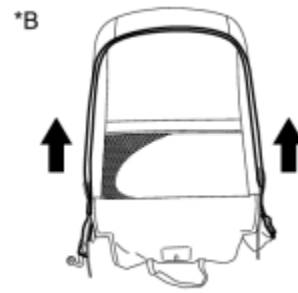
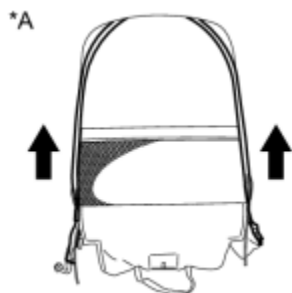
(a) Detach the guide and remove the cover.

## 25. REMOVE SEPARATE TYPE FRONT SEATBACK COVER



(a) Remove the 3 hog rings.

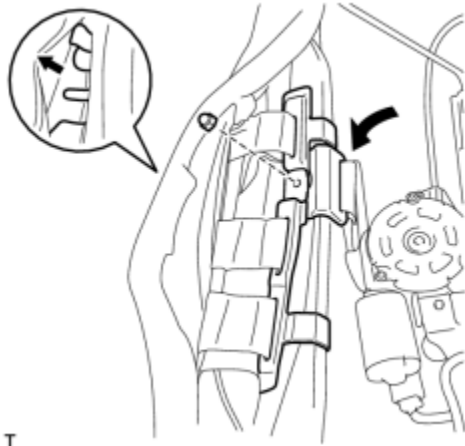
(b) Open the 2 fasteners, and then open the seatback cover.



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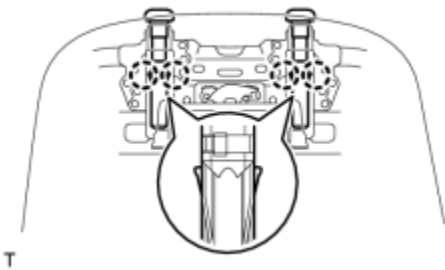
*Text in Illustration*

*A	for Cloth Seat	*B	for Leather Seat
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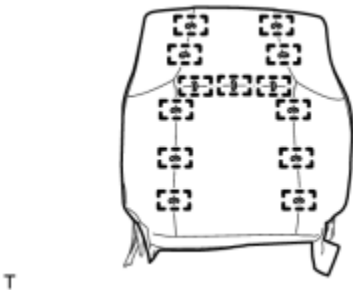


(c) Remove the nut and seatback cover bracket from the seat frame.

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



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

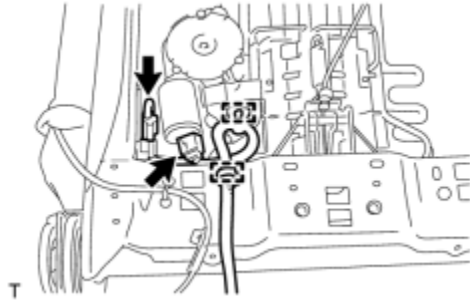


(f) Remove the hog rings and seatback cover.

**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.

## 28. REMOVE FRONT SEAT SIDE AIRBAG ASSEMBLY

<b>Last Modified:</b> 3-31-2011	6.4 A	<b>From:</b> 201008
<b>Model Year:</b> 2011	<b>Model:</b> 4Runner	<b>Doc ID:</b> RM000004JU1004X
<b>Title:</b> SUPPLEMENTAL RESTRAINT SYSTEMS: FRONT SEAT SIDE AIRBAG REMOVAL (2011 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.

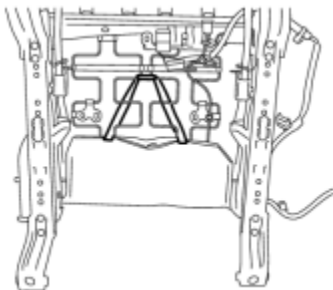
### 1. PRECAUTION

#### CAUTION:

- Be sure to read Precaution thoroughly before servicing
- If the side airbag was deployed, replace the separate type front seatback assembly with the necessary parts in accordance with the extent of the collision damage.

### 2. REMOVE FRONT SEAT ASSEMBLY

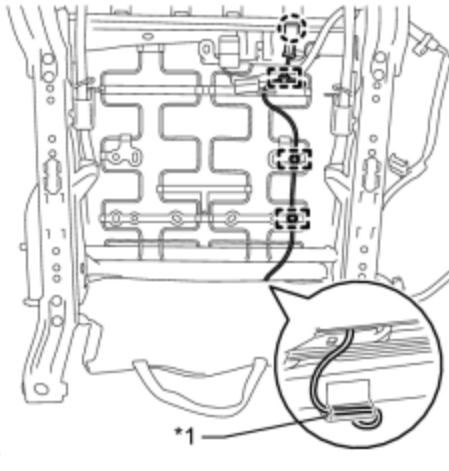
### 3. REMOVE SEPARATE TYPE FRONT SEATBACK COVER WITH PAD (for Manual Seat)



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

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





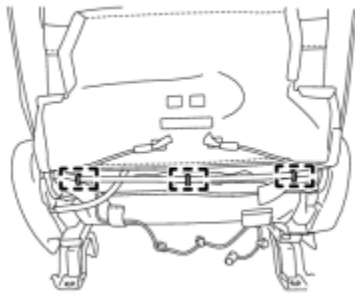
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- (c) Detach the 3 airbag wire harness clamps.
- (d) Detach the fastening tape and open the cover.

**Text in Illustration**

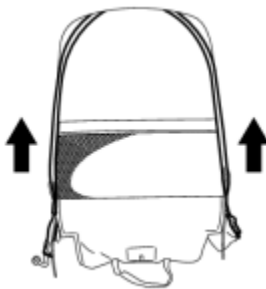
*1	Fastening Tape
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- (e) Disconnect the airbag wire harness.



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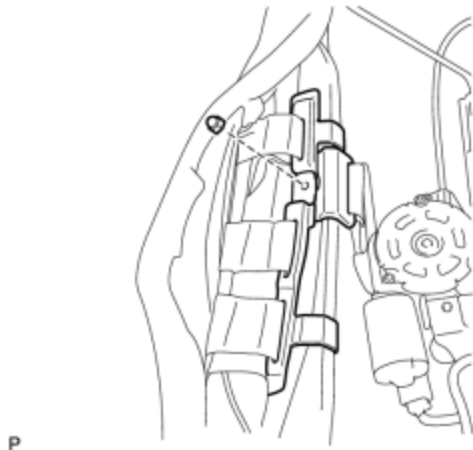
- (f) Remove the 3 hog rings.



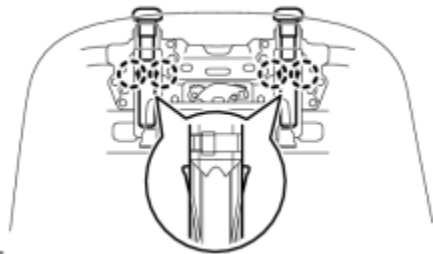
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- (g) Open the 2 fasteners, and then open the seatback cover.

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



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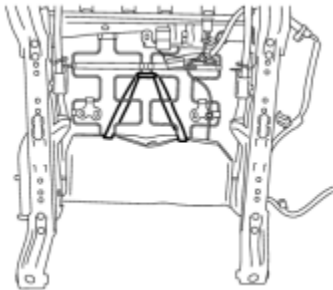


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(i) Using a screwdriver, detach the 4 claws and remove the 2 headrest supports.

(j) Remove the separate type front seatback cover with pad from the seat frame.

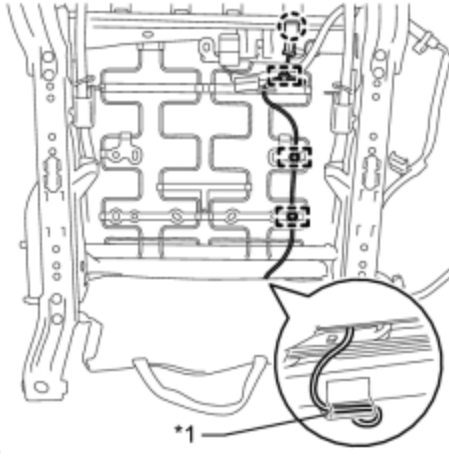
#### 4. REMOVE SEPARATE TYPE FRONT SEATBACK COVER WITH PAD (for Power Seat)



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

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



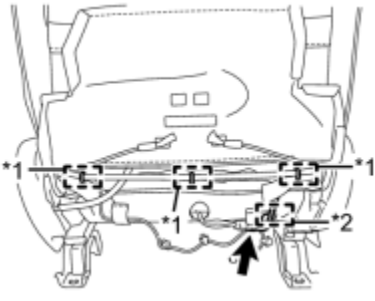
(c) Detach the 3 airbag wire harness clamps.

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

**Text in Illustration**

*1	Fastening Tape
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(e) Disconnect the airbag wire harness.



(f) Remove the 3 hog rings.

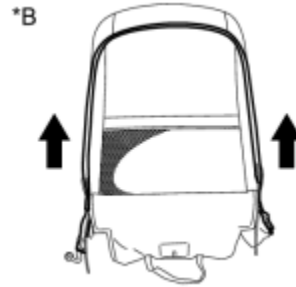
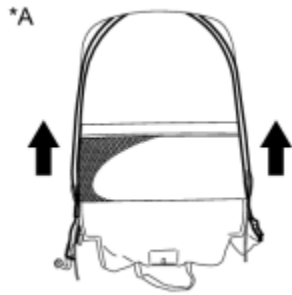
**Text in Illustration**

*1	Hog Ring
*2	Clamp

(g) w/ Seat Heater System:

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

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



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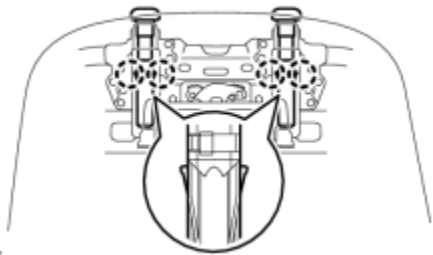
**Text in Illustration**

*A	for Cloth Seat	*B	for Leather Seat
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(i) Remove the nut and seatback cover bracket from the seat frame.



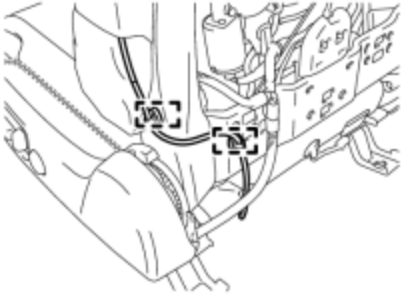
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(j) Using a screwdriver, detach the 4 claws and remove the 2 headrest supports.

(k) Remove the separate type front seatback cover with pad from the seat frame.

**5. REMOVE FRONT SEAT SIDE AIRBAG ASSEMBLY**

(a) Detach the 2 clamps and disconnect the wire harness.



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(b) Remove the 2 nuts and front seat side airbag assembly.

CAUTION:

- The nuts must not be reused.
- Make sure that the seat frame assembly is not deformed. If it is, replace it with a new one.



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<b>Last Modified:</b> 3-31-2011	6.4 A	<b>From:</b> 201008
<b>Model Year:</b> 2011	<b>Model:</b> 4Runner	<b>Doc ID:</b> RM00000467400BX
<b>Title:</b> SEAT: FRONT SEAT REASSEMBLY (2011 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 FRONT SEAT SIDE AIRBAG ASSEMBLY

#### 2. 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.

#### 3. INSTALL SEPARATE TYPE FRONT SEATBACK PAD

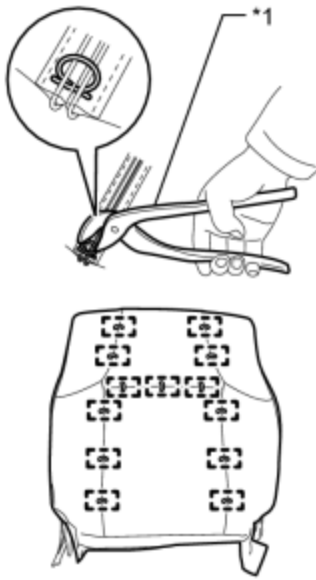
(a) Install the seatback pad.

#### 4. 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
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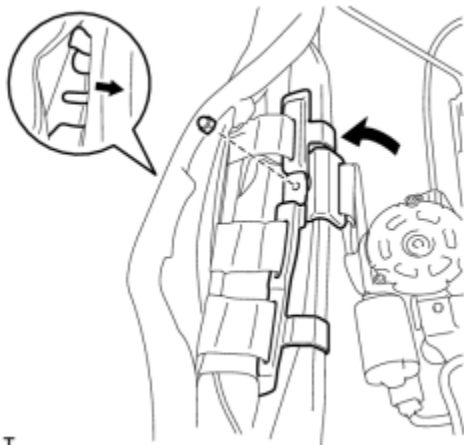


NOTICE:

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

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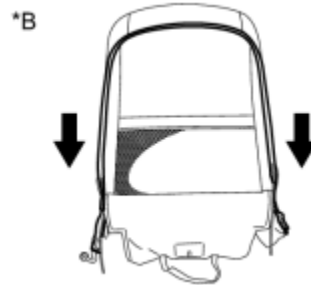
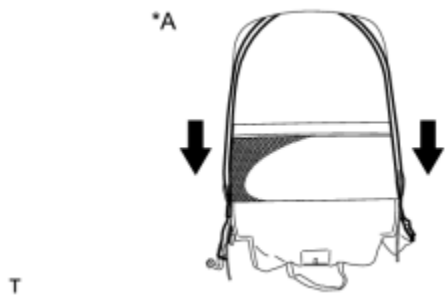
(d) Install the seatback cover bracket to the seat frame with the nut.

Torque: **5.5 N·m (56 kgf·cm, 49 in·lbf)**

NOTICE:

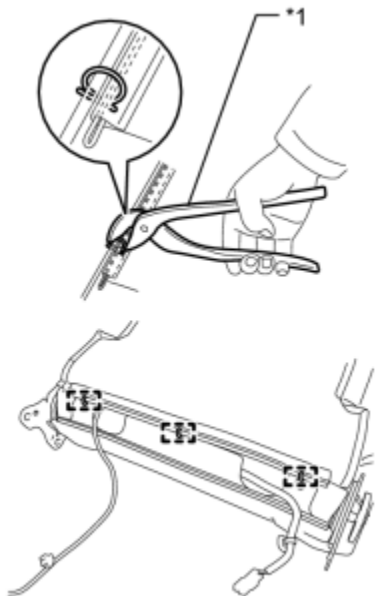
After the seatback trim cover is assembled, make sure the side airbag strap is not twisted.

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



**Text in Illustration**

*A	for Cloth Seat	*B	for Leather Seat
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(f) Using hog ring pliers, install 3 new hog rings.

**Text in Illustration**

*1	Hog Ring Pliers
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5. INSTALL RECLINING ADJUSTER INSIDE COVER LH

(a) Attach the guide to install the cover.

6. INSTALL RECLINING ADJUSTER INSIDE COVER RH

(a) Attach the guide to install the cover.

7. INSTALL FRONT SEAT WIRE LH

(a) Install the seat wire.

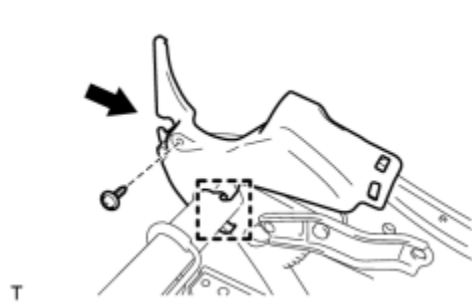


8. INSTALL OCCUPANT CLASSIFICATION ECU (for Front Passenger Side)

(a) Attach the claw to install the ECU.

(b) Connect the 2 connectors.

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



10. 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.

11. INSTALL FRONT SEAT CUSHION EDGE PROTECTOR RH

HINT:

Use the same procedure described for the LH side.

12. INSTALL FRONT SEAT LOWER CUSHION SHIELD LH

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

(b) Install the screw.

13. INSTALL FRONT SEAT LOWER CUSHION SHIELD RH

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

(b) Install the screw.

14. INSTALL RECLINING ADJUSTER INSIDE COVER LH

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

15. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER

(a) Using hog ring pliers, install the seat cushion cover to

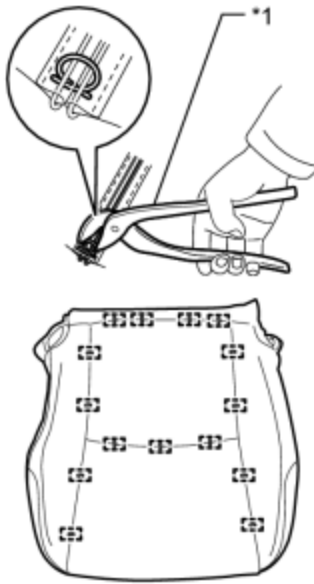
the seat cushion pad with new hog rings.

## Text in Illustration

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

NOTICE:

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



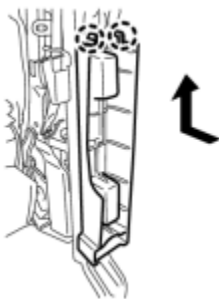
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### 16. INSTALL SEAT CUSHION COVER WITH PAD

- Install the seat cushion cover with pad.
- w/ Seat Heater System:

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

- Attach the hooks.



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### 17. INSTALL FRONT SEAT LEG COVER LH

- Move the cover in the direction of the arrow to install the cover.
- Attach the 2 claws.

### 18. INSTALL SEAT ADJUSTER COVER CAP

- Install the 2 caps.

### 19. INSTALL SEPARATE TYPE FRONT SEATBACK ASSEMBLY

- Install the seatback assembly with the 4 bolts.

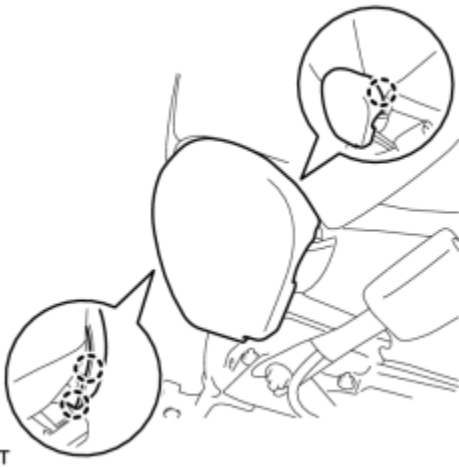
Torque: **42 N·m (428 kgf·cm, 31ft·lbf)**

- (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.

## 20. INSTALL FRONT SEAT INNER BELT ASSEMBLY LH



### 21. INSTALL FRONT SEAT INNER CUSHION SHIELD LH

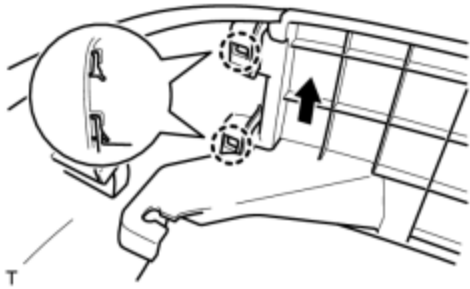
- (a) Attach the 3 claws to install the cushion shield.

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

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

### 23. INSTALL FRONT SEAT NO. 1 INNER CUSHION SHIELD LH

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



24. INSTALL LUMBAR SWITCH ASSEMBLY (for Driver Side)

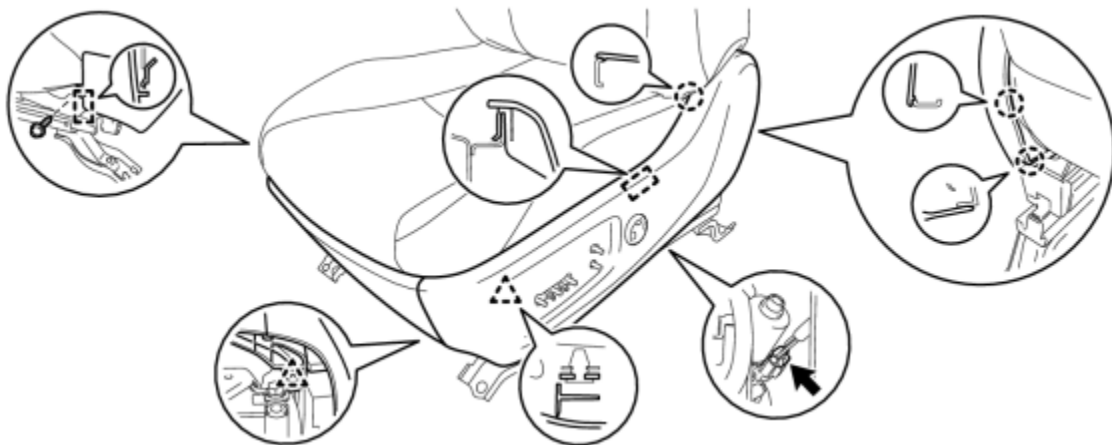
25. INSTALL FRONT POWER SEAT SWITCH LH

26. 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.

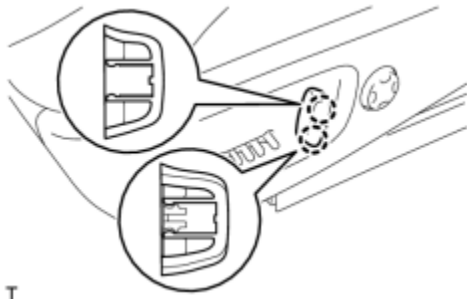


(d) Attach the 2 clips, 3 claws and guide.

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

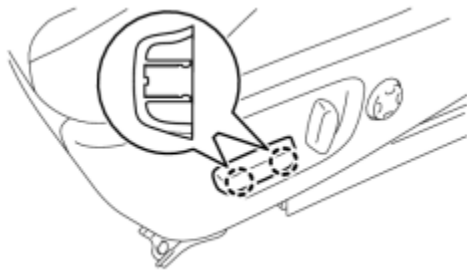
(f) Connect the lifter motor connector.

27. INSTALL RECLINING POWER SEAT SWITCH KNOB



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

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28. INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB

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

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<b>Last Modified:</b> 3-31-2011	6.4 A	<b>From:</b> 201008
<b>Model Year:</b> 2011	<b>Model:</b> 4Runner	<b>Doc ID:</b> RM00000466Z009X
<b>Title:</b> SEAT: FRONT SEAT INSTALLATION (2011 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:

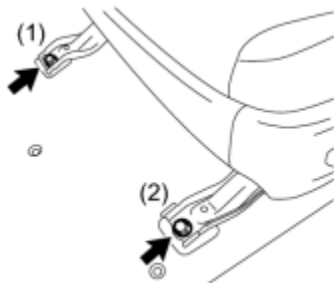
Be careful not to damage the vehicle body.

- (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

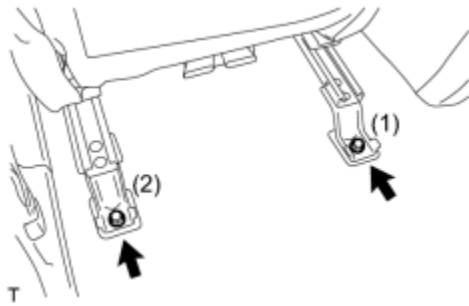
(e) Operate the power seat switch to move the seat to the rearmost position.



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

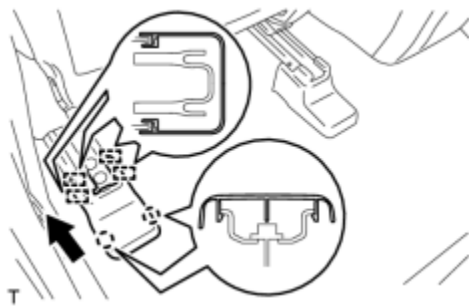
**Torque: 37 N·m (377 kgf·cm, 27ft·lbf)**

(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.

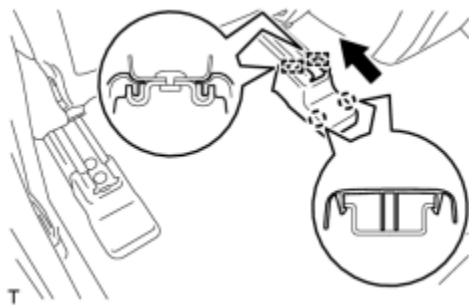
Torque: **37 N·m (377 kgf·cm, 27ft·lbf)**



## 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.



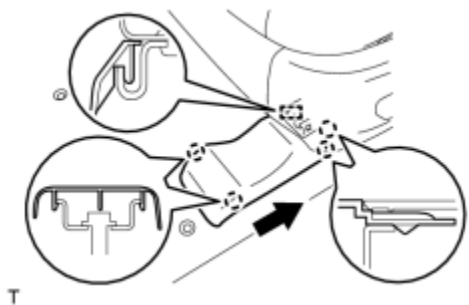
## 3. INSTALL INNER SEAT TRACK BRACKET COVER LH

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

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

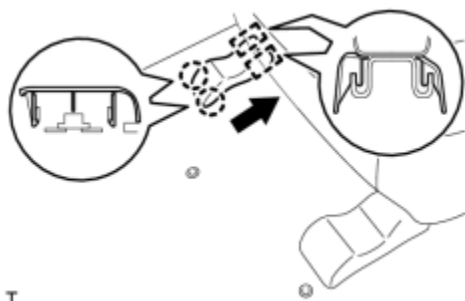
## 4. INSTALL FRONT SEAT OUTER TRACK BRACKET COVER LH

(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.



#### 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

#### 8. INSPECT FRONT SEAT ASSEMBLY

(a) Check the power seat operation

(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.

