

FRONT POWER SEAT CONTROL SYSTEM

PRECAUTION

1. EXPRESSIONS OF IGNITION SWITCH
- (a) The type of ignition switch used on this model differs according to the specifications of the vehicle. The expressions listed in the table below are used in this section.

Switch Type		Ignition Switch (position)	Engine Switch (condition)
Expression	Ignition switch off	LOCK	Off
	Ignition switch on (IG)	ON	On (IG)
	Ignition switch on (ACC)	ACC	On (ACC)
	Engine start	START	Start

SE

SE-2

SEAT – FRONT POWER SEAT CONTROL SYSTEM

PARTS LOCATION

ENGINE ROOM J/B AND R/B

- ALT FUSE

MAIN BODY ECU
(INSTRUMENT PANEL J/B)

- P/SEAT FUSE

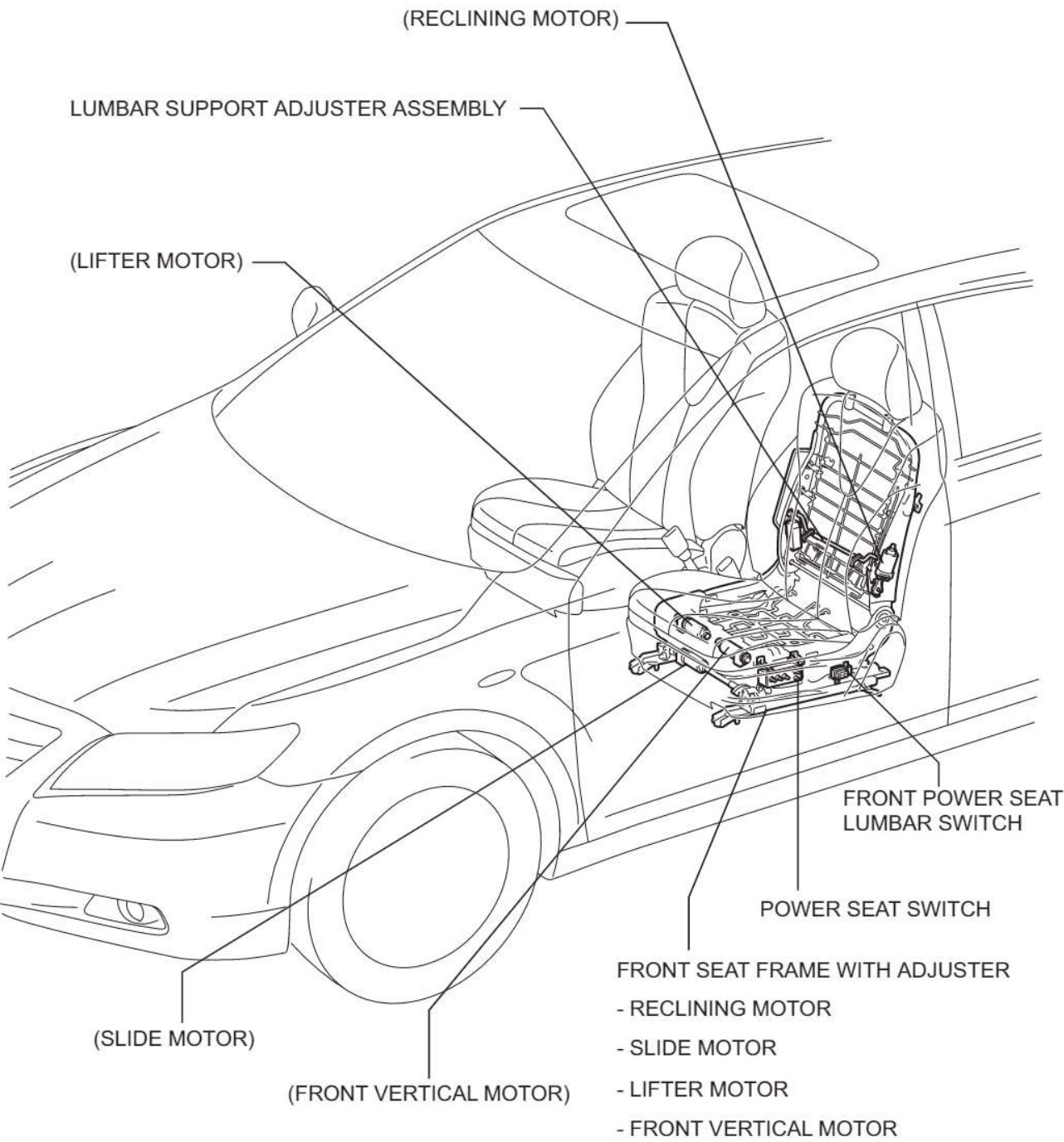
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SEAT – FRONT POWER SEAT CONTROL SYSTEM

SE-3

SE

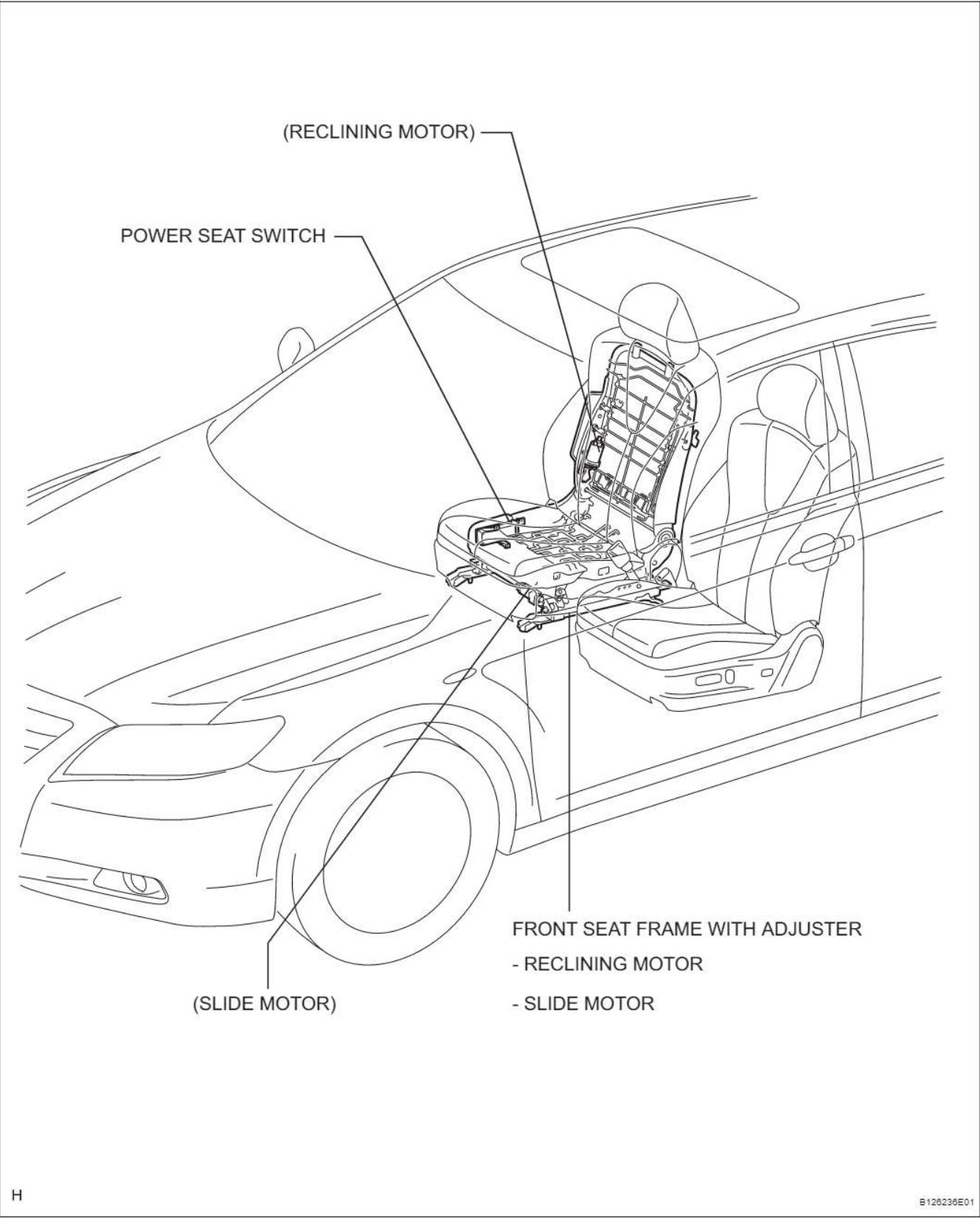


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SE-4

SEAT – FRONT POWER SEAT CONTROL SYSTEM



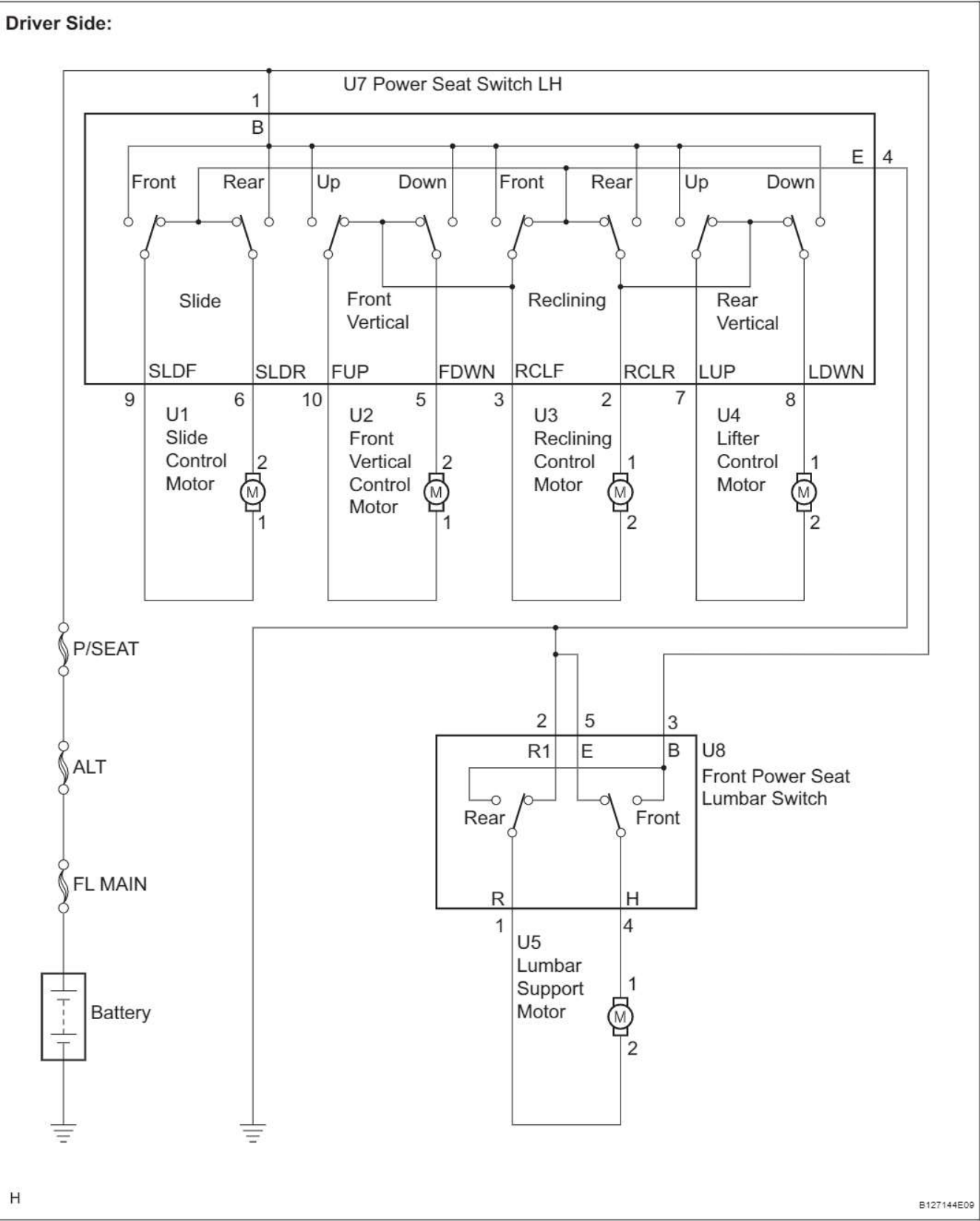
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SEAT – FRONT POWER SEAT CONTROL SYSTEM

SE-5

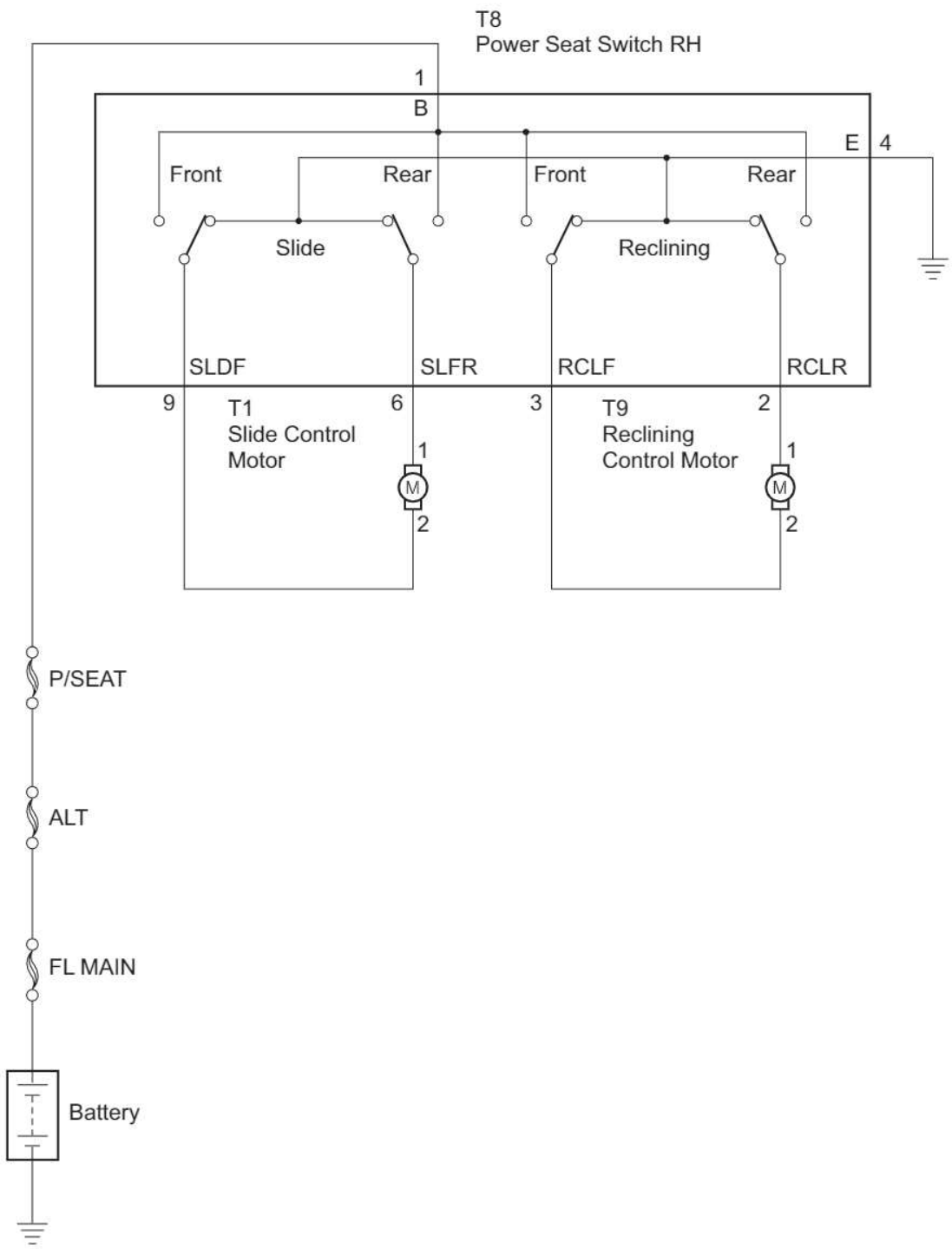
SYSTEM DIAGRAM



SE-6

SEAT – FRONT POWER SEAT CONTROL SYSTEM

Front Passenger Side:



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SYSTEM DESCRIPTION

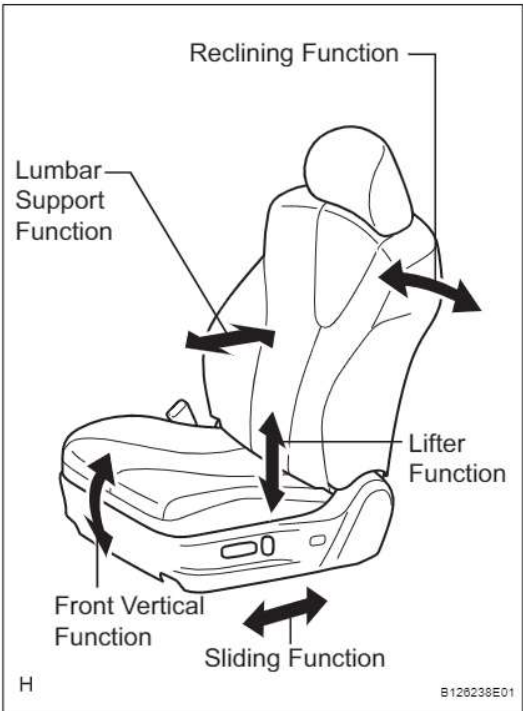
1. FRONT POWER SEAT CONTROL SYSTEM DESCRIPTION
- The driver seat and front passenger seat are equipped with slide, reclining, lifter, front vertical, and lumbar support adjustment functions.
2. FUNCTION OF MAIN COMPONENTS
- The following functions are available:

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

SE

OPERATION CHECK

1. CHECK POWER SEAT FUNCTION
- (a) Check the basic functions.
- (1) Operate the power seat switches and check that the following functions work:
- Sliding
 - Reclining
 - Lumbar support (Driver side only)
 - Front vertical (Driver side only)
 - Lifter (Driver side only)



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SEAT – FRONT POWER SEAT CONTROL SYSTEM

PROBLEM SYMPTOMS TABLE

HINT:

- Inspect the fuses and relays before confirming the suspected areas in the table below.
- Inspect each suspected area in numerical order for the corresponding symptom.

Front Power Seat Control System (Driver Side):

Symptom	Suspected area	See page
Power seat does not operate (slide, front vertical, lifter, reclining).	1. P/SEAT fuse	-
	2. Power seat switch LH	SE-87
	3. Wire harness or connector	-
Only slide operation function does not operate.	1. Power seat switch LH	SE-87
	2. Front seat frame with adjuster LH (slide motor)	SE-90
	3. Wire harness or connector	-
Only front vertical operation function does not operate.	1. Power seat switch LH	SE-87
	2. Front seat frame with adjuster LH (front vertical motor)	SE-90
	3. Wire harness or connector	-
Only lifter operation function does not operate.	1. Power seat switch LH	SE-87
	2. Front seat frame with adjuster LH (lifter motor)	SE-90
	3. Wire harness or connector	-
Only reclining operation function does not operate.	1. Power seat switch LH	SE-87
	2. Front seat frame with adjuster LH (reclining motor)	SE-90
	3. Wire harness or connector	-
Only lumbar support operation function does not operate.	1. Front power seat lumbar switch LH	SE-94
	2. Lumbar support adjuster assembly LH	SE-98
	3. Wire harness or connector	-

Front Power Seat Control System (Front Passenger Side):

Symptom	Suspected area	See page
Power seat does not operate (slide and reclining).	1. P/SEAT fuse	-
	2. Power seat switch RH	SE-89
	3. Wire harness or connector	-
Only slide operation function does not operate.	1. Power seat switch RH	SE-89
	2. Front seat frame with adjuster RH (slide motor)	SE-91
	3. Wire harness or connector	-
Only reclining operation function does not operate.	1. Power seat switch RH	SE-89
	2. Front seat frame with adjuster RH (reclining motor)	SE-91
	3. Wire harness or connector	-

SEAT HEATER SYSTEM

PRECAUTION

1. EXPRESSIONS OF IGNITION SWITCH
- (a) The type of ignition switch used on this model differs according to the specifications of the vehicle. The expressions listed in the table below are used in this section.

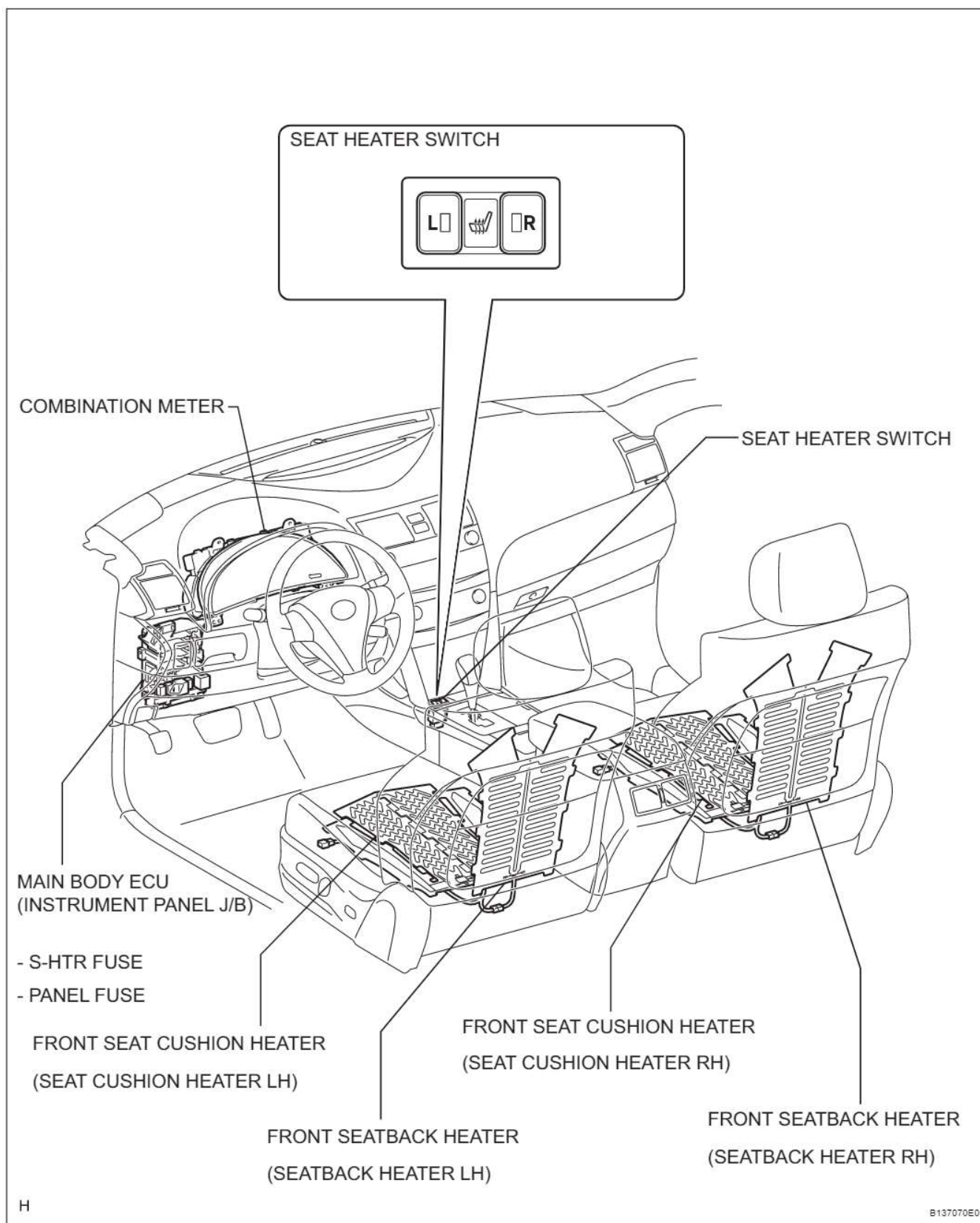
Switch Type		Ignition Switch (position)	Engine Switch (condition)
Expression	Ignition switch off	LOCK	Off
	Ignition switch on (IG)	ON	On (IG)
	Ignition switch on (ACC)	ACC	On (ACC)
	Engine start	START	Start

SE

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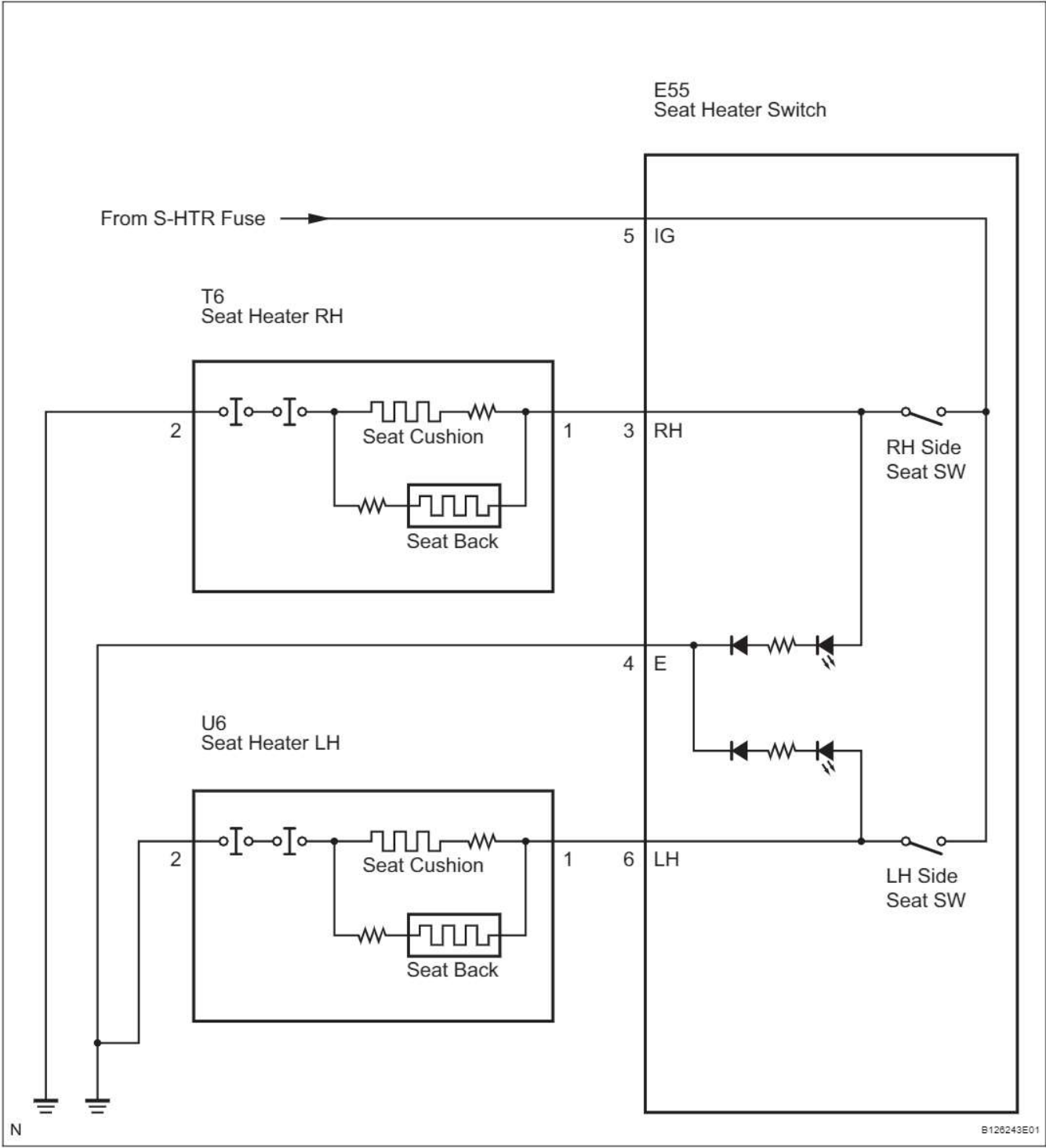
SEAT – SEAT HEATER SYSTEM

PARTS LOCATION



SYSTEM DIAGRAM

SE



SE-12**SEAT – SEAT HEATER SYSTEM**

SYSTEM DESCRIPTION**1. GENERAL DESCRIPTION**

- (a) By operating the seat heater switch, which is located in the console box, the temperature can be controlled within the range of 30 to 40°C (86 to 104°F).
- (b) The seat heater switch indicator light provides 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.

SE

PROBLEM SYMPTOMS TABLE

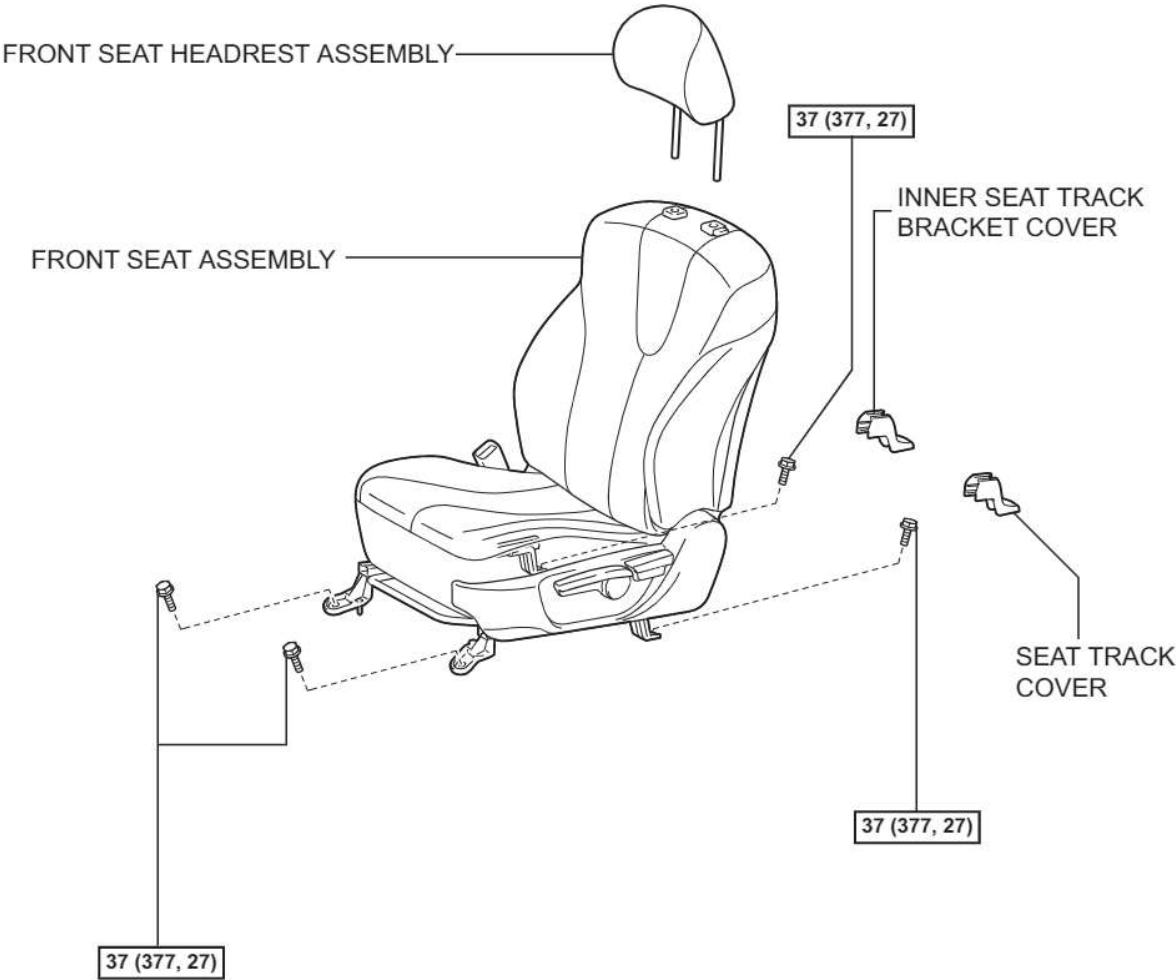
SEAT HEATER SYSTEM:

Symptom	Suspected area	See page
Seat heater does not operate. (Front LH side)	1. S-HTR fuse	-
	2. Seat heater switch	SE-101
	3. Front seat cushion heater	SE-106
	4. Front seat back heater	SE-111
	5. Wire harness	-
Seat heater does not operate. (Front RH side)	1. S-HTR fuse	-
	2. Seat heater switch	SE-101
	3. Front seat cushion heater	SE-106
	4. Front seat back heater	SE-111
	5. Wire harness	-
Temperature of seat heater cannot be adjusted.	Seat heater switch	SE-101

SE

FRONT SEAT ASSEMBLY (for Manual Seat)

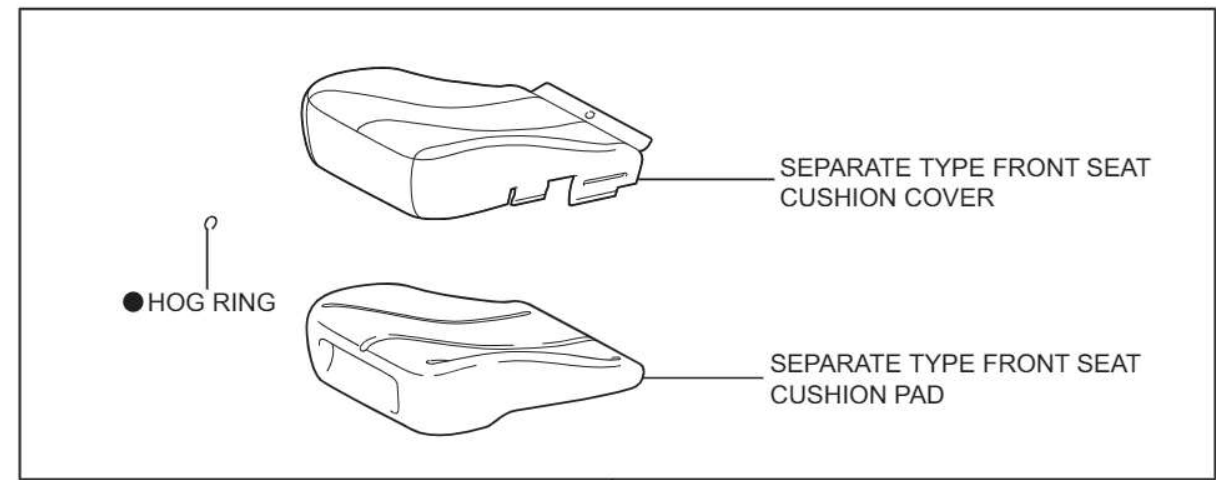
COMPONENTS



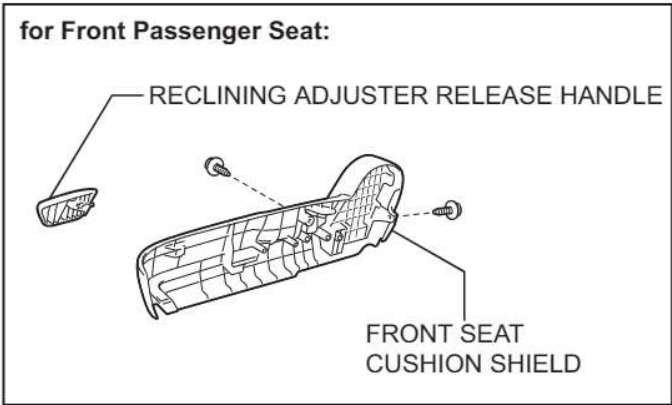
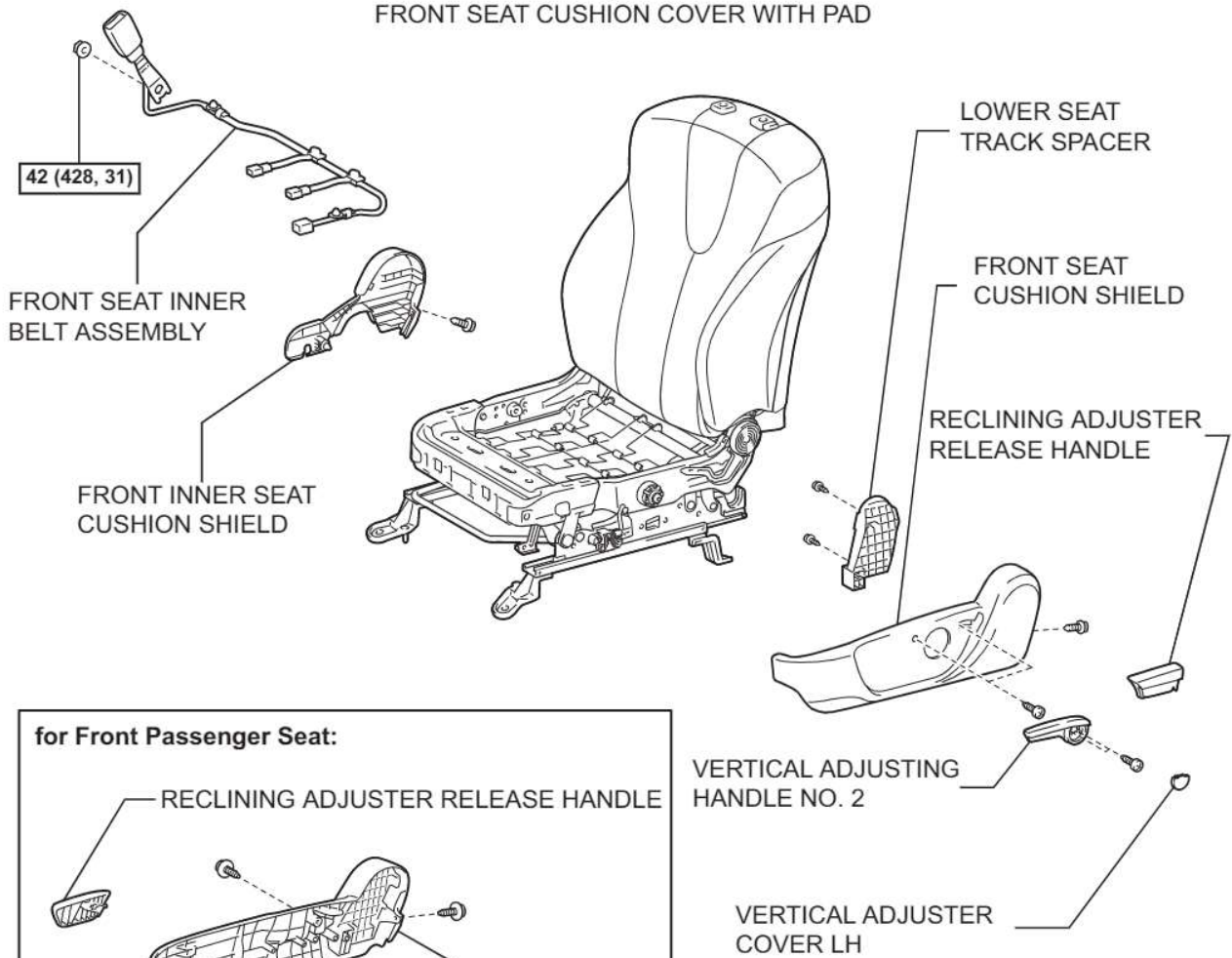
N*m (kgf*cm, ft.*lbf): Specified torque

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SEAT – FRONT SEAT ASSEMBLY (for Manual Seat)



FRONT SEAT CUSHION COVER WITH PAD

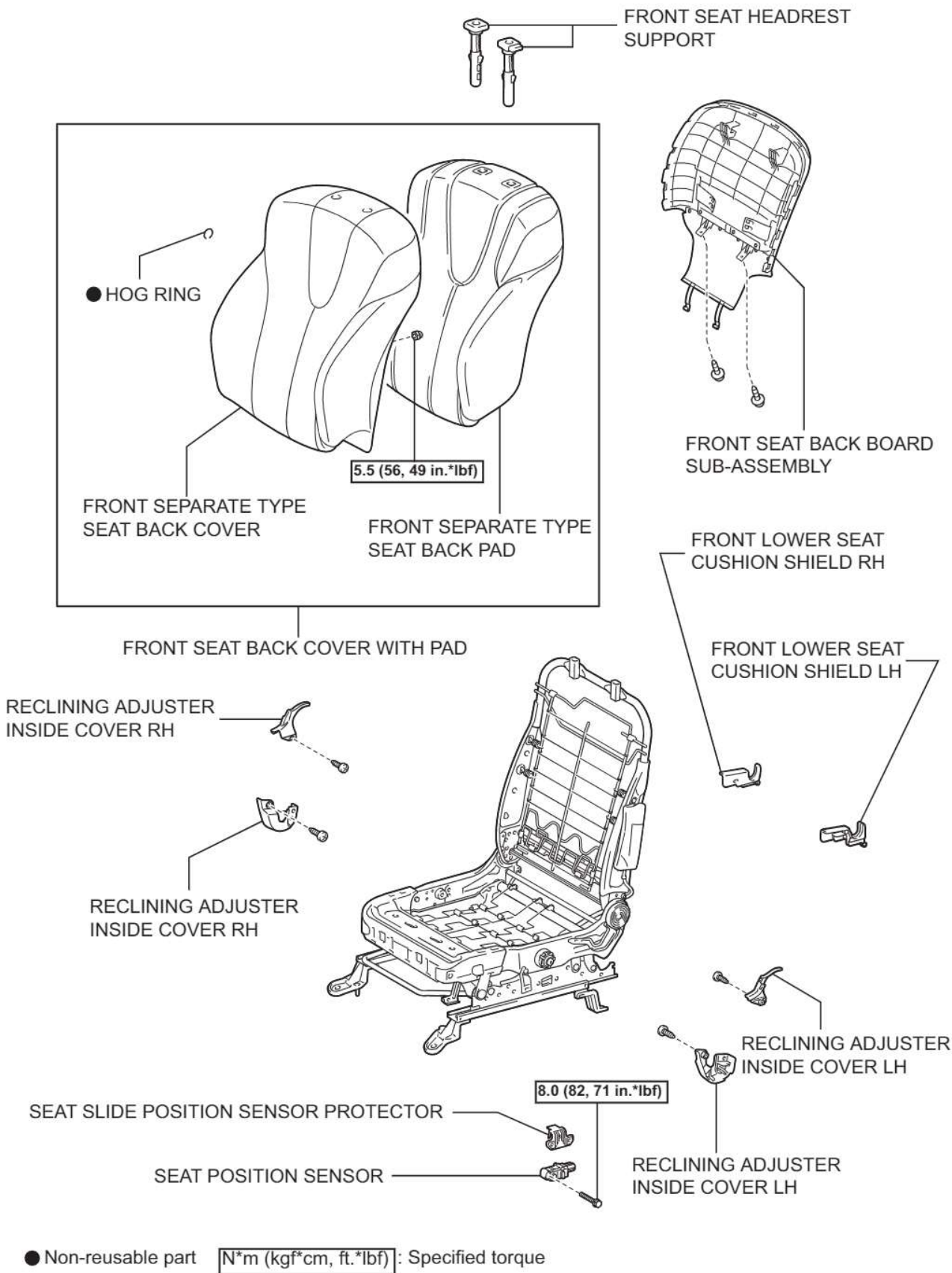


● Non-reusable part **N*m (kgf*cm, ft.*lbf)** : Specified torque

SEAT – FRONT SEAT ASSEMBLY (for Manual Seat)

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SE



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SEAT – FRONT SEAT ASSEMBLY (for Manual Seat)

REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent the airbag from deploying (See page [RS-1](#)).

2. **REMOVE FRONT SEAT HEADREST ASSEMBLY**

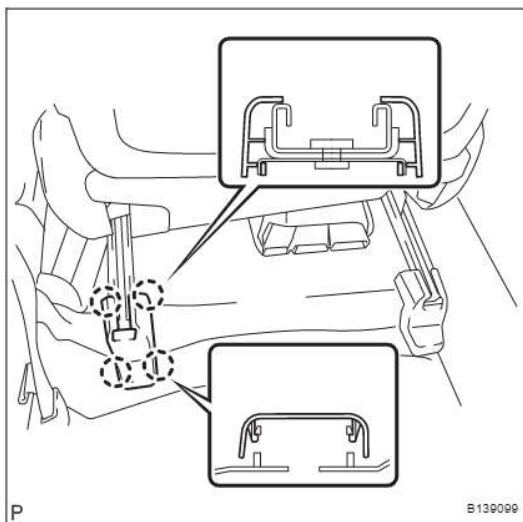
3. **REMOVE SEAT TRACK COVER**

(a) Move the front seat assembly fully forward by operating the slide handle.

(b) Using a screwdriver, disengage the 4 claws and remove the seat track cover.

HINT:

Tape the screwdriver tip before use.



4. **REMOVE INNER SEAT TRACK BRACKET COVER**

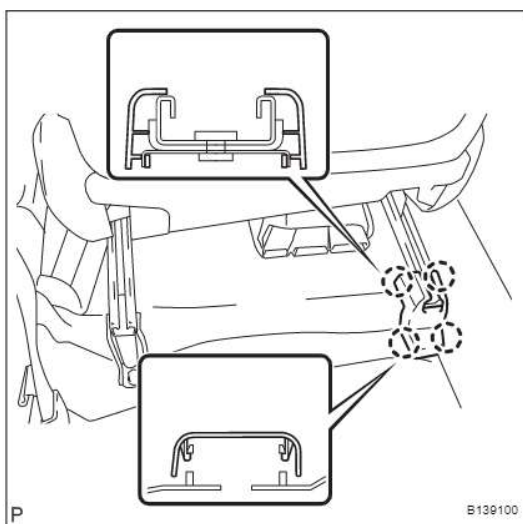
(a) Using a screwdriver, disengage the 4 claws and remove the inner seat track bracket cover.

HINT:

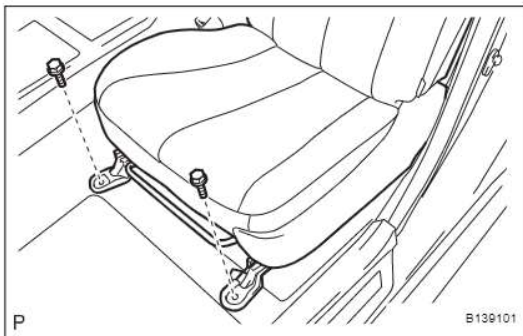
Tape the screwdriver tip before use.

5. **REMOVE FRONT SEAT ASSEMBLY**

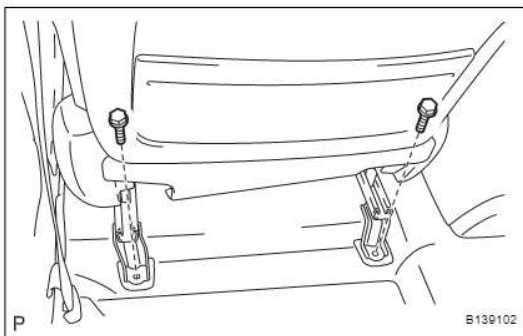
(a) Move the front seat assembly to the rearmost position by operating the slide handle.



SE

SEAT – FRONT SEAT ASSEMBLY (for Manual Seat)**SE-17**

- (b) Remove the 2 bolts on the front seat track bracket.
- (c) Move the front seat assembly fully forward by operating the slide handle.



- (d) Remove the 2 bolts on the rear seat track bracket.
- (e) Move the front seat assembly to the center position and adjust the seatback to the vertical position by operating the slide and reclining adjuster release handle.
- (f) Disconnect the connectors and clamp.
- (g) Remove the front seat assembly.

SE

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SEAT – FRONT SEAT ASSEMBLY (for Manual Seat)

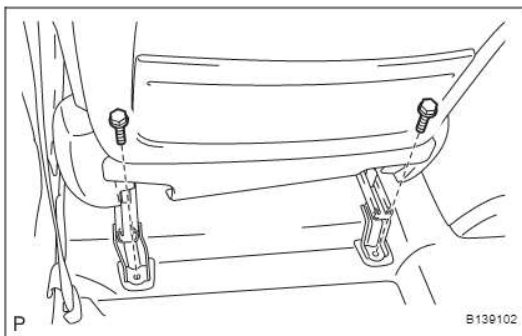
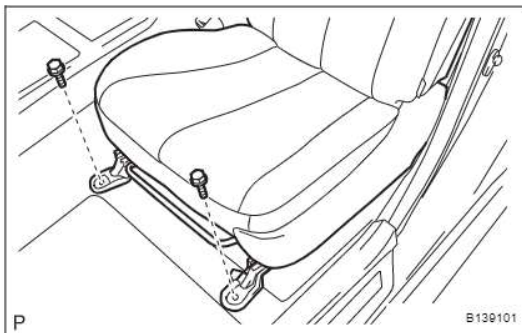
INSTALLATION

1. INSTALL FRONT SEAT ASSEMBLY

- (a) Place the front seat assembly in the vehicle and align the adjuster pin with the hole on the vehicle side.
- (b) Connect the connector and clamp.
- (c) Move the front seat assembly to the rearmost position by operating the slide handle.

NOTICE:**Check that the seat is locked.**

- (d) Temporarily install the front seat track bracket with the 2 bolts.
- (e) Move the front seat assembly fully forward by operating the slide handle.

NOTICE:**Check that the seat is locked.**

- (f) Temporarily install the rear seat track bracket with the 2 bolts.
- (g) Move the front seat assembly to the rearmost position by operating the slide handle.

NOTICE:**Check that the seat is locked.**

- (h) Fully tighten the 2 bolts on the front seat track bracket in the order of the inner side bolt and then the outer side bolt.

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

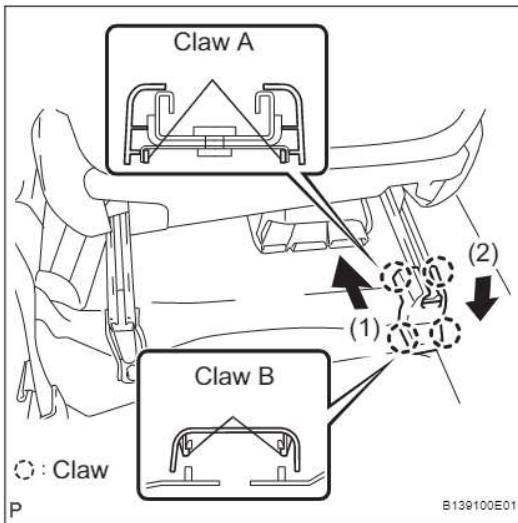
- (i) Move the front seat assembly fully forward by operating the slide handle.

NOTICE:**Check that the seat is locked.**

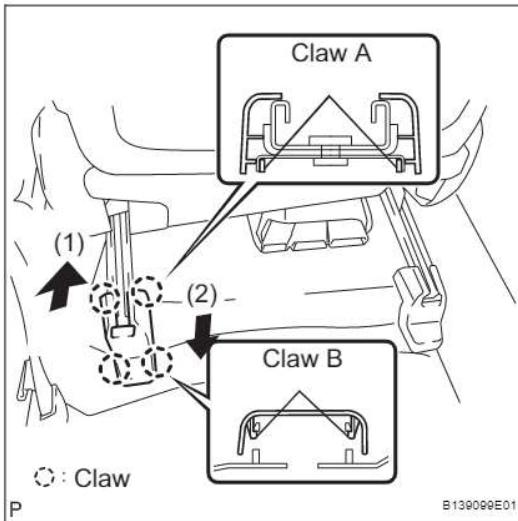
- (j) Fully tighten the 2 bolts on the rear seat track bracket in the order of the inner side bolt and then the outer side bolt.

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

SE

SEAT – FRONT SEAT ASSEMBLY (for Manual Seat)**SE-27****2. INSTALL INNER SEAT TRACK BRACKET COVER**

- (a) Slide the inner seat track bracket cover along the seat rail toward the front of the vehicle. Engage claw A to the seat rail.
- (b) Push the seat track bracket cover inner to engage claw B.

**3. INSTALL SEAT TRACK COVER**

- (a) Slide the seat track cover along the seat rail toward the front of the vehicle. Engage claw A to the seat rail.
- (b) Push the seat track cover to engage claw B.

4. INSTALL FRONT SEAT HEADREST ASSEMBLY**5. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL****6. INSPECT SLIDE ADJUSTER LOCK****7. PERFORM ZERO POINT CALIBRATION AND SENSITIVITY CHECK (for Front Passenger Seat)**
(See page [RS-242](#))**8. INSPECT SRS WARNING LIGHT**Check the SRS warning light (See page [RS-32](#)).**SE**

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SEAT – FRONT SEAT ASSEMBLY (for Manual Seat)

DISASSEMBLY**NOTICE:**

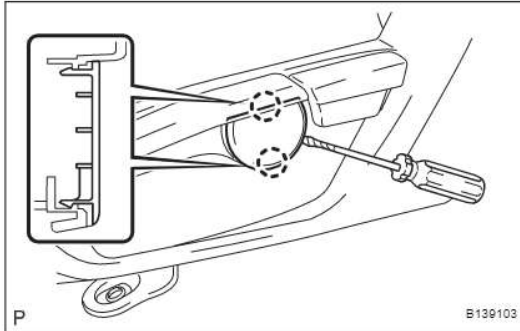
Wear protective gloves. Sharp areas on the seat frame and adjuster may injure your hands.

1. REMOVE VERTICAL ADJUSTER COVER LH (for Driver Seat)

- (a) Using a screwdriver, disengage the 2 claws and remove the vertical adjuster cover LH.

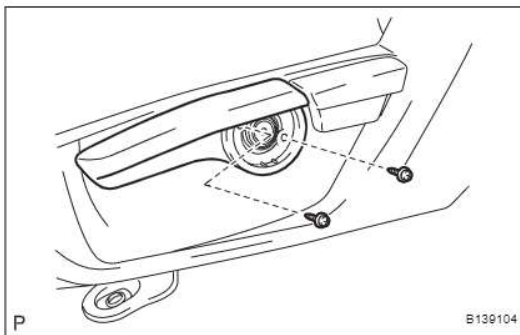
HINT:

Tape the screwdriver tip before use.



2. REMOVE VERTICAL ADJUSTING HANDLE NO. 2 (for Driver Seat)

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

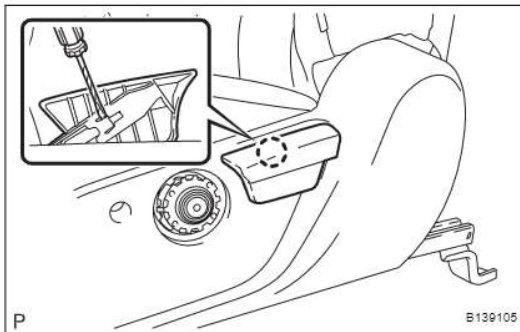


3. REMOVE RECLINING ADJUSTER RELEASE HANDLE

- (a) Lift the reclining adjuster release handle.
(b) Using a screwdriver, disengage the claw and remove the reclining adjuster release handle.

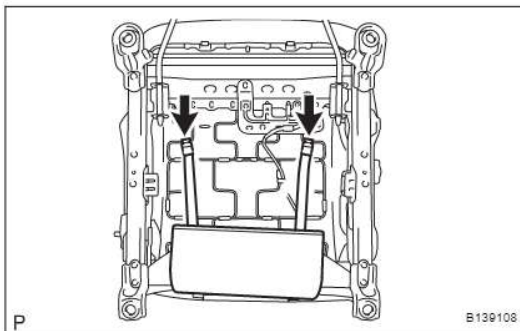
HINT:

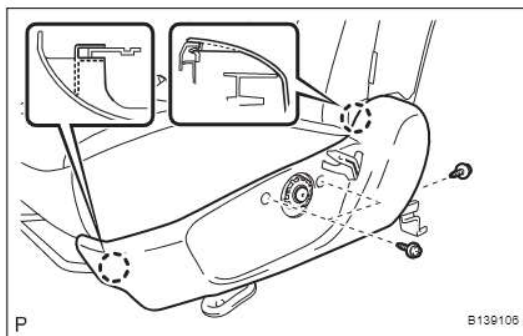
Tape the screwdriver tip before use.



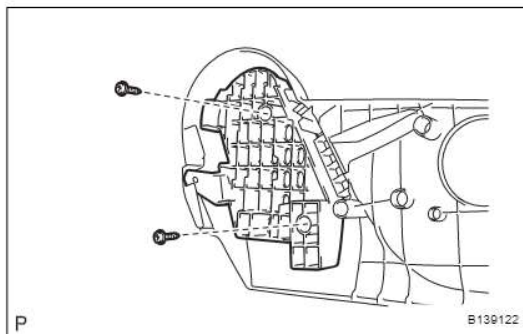
4. REMOVE FRONT SEAT CUSHION SHIELD

- (a) Disengage the 2 hooks.

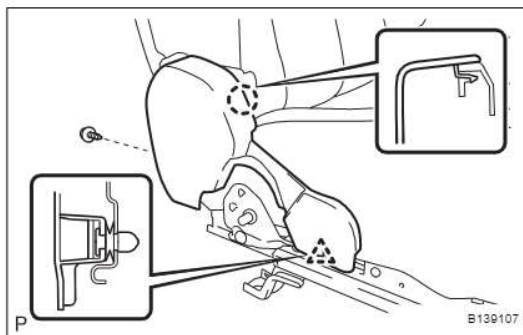


SEAT – FRONT SEAT ASSEMBLY (for Manual Seat)**SE-19**

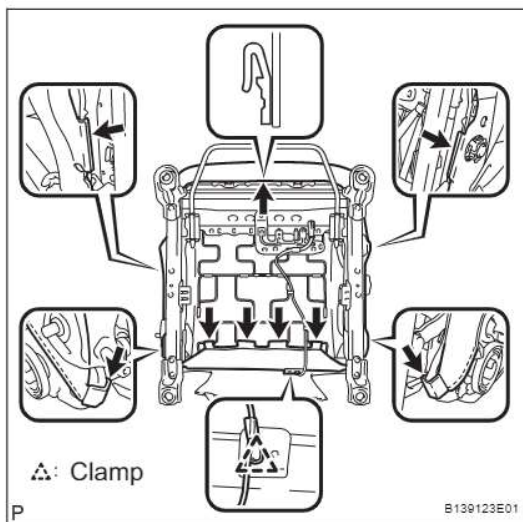
- (b) Remove the 3 screws.
- (c) Disengage the 2 claws and remove the front seat cushion shield.



5. **REMOVE LOWER SEAT TRACK SPACER**
 - (a) Remove the 2 screws and lower seat track spacer.
6. **REMOVE FRONT SEAT INNER BELT ASSEMBLY**
(See page [SB-15](#))



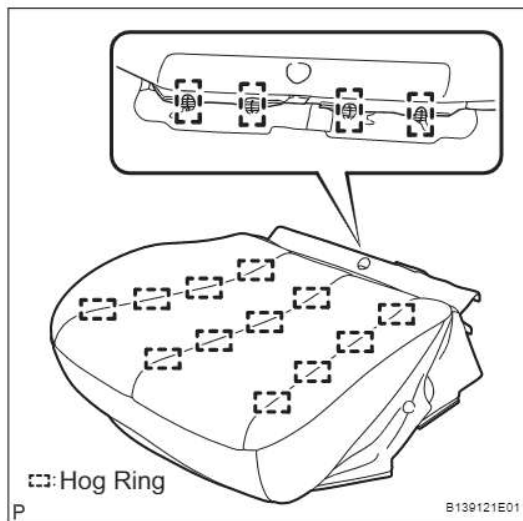
7. **REMOVE FRONT INNER SEAT CUSHION SHIELD**
 - (a) Remove the screw.
 - (b) Disengage the claw and clip, and then remove the front inner seat cushion shield.



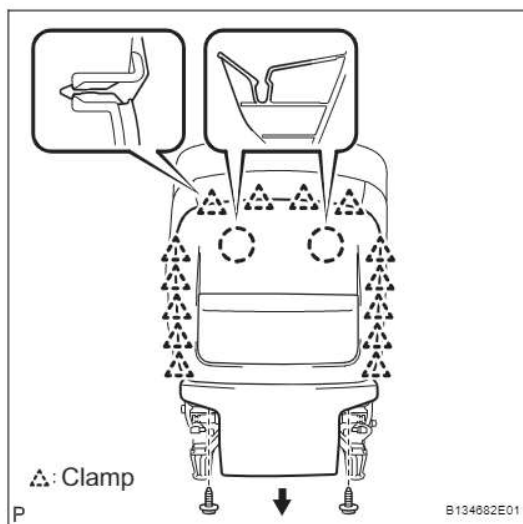
8. **REMOVE FRONT SEAT CUSHION COVER WITH PAD**
 - (a) Disengage the clamp.
 - (b) Disengage the hooks and remove the front seat cushion cover with pad.

SE-20

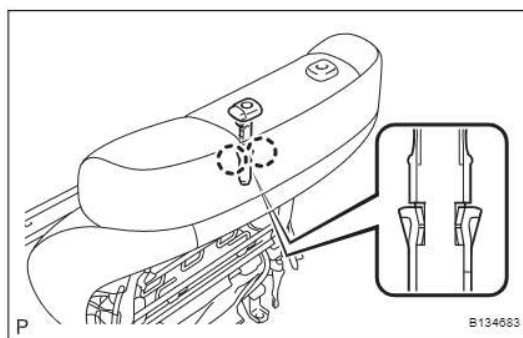
SEAT – FRONT SEAT ASSEMBLY (for Manual Seat)

**9. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER**

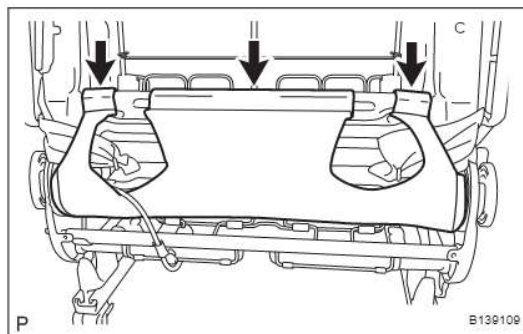
- (a) Remove the 16 hog rings and separate type front seat cushion cover.

**10. REMOVE FRONT SEAT BACK BOARD SUB-ASSEMBLY**

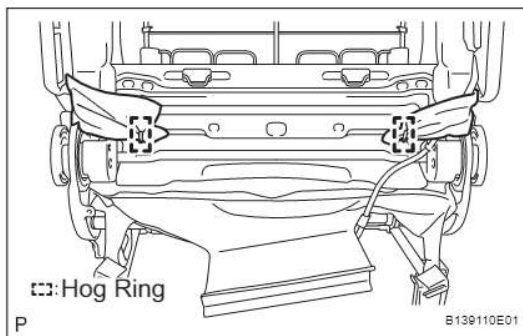
- (a) Remove the 2 screws.
 (b) Disconnect the 14 clamps and front separate type seat back cover.
 (c) Pull the seat back board in the direction indicated by the arrow in the illustration to detach the 2 claws. Then, remove the seat back board.

**11. REMOVE FRONT SEAT HEADREST SUPPORT**

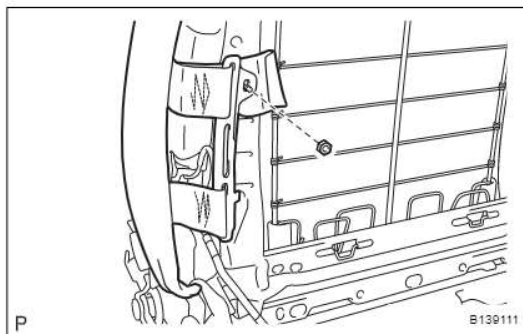
- (a) Detach the 2 claws and remove the headrest support.

12. REMOVE FRONT SEAT HEADREST SUPPORT**13. REMOVE FRONT SEAT BACK COVER WITH PAD**

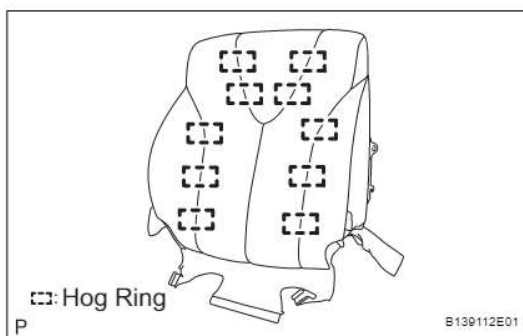
- (a) Disengage the 3 hooks.

SEAT – FRONT SEAT ASSEMBLY (for Manual Seat)**SE-21**

(b) Remove the 2 hog rings.



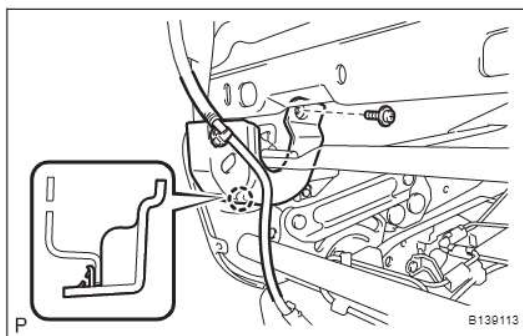
(c) Remove the nut and separate the 2 brackets.
 (d) Remove the front seat back cover with pad.

SE**14. REMOVE FRONT SEPARATE TYPE SEAT BACK COVER**

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

15. REMOVE RECLINING ADJUSTER INSIDE COVER LH

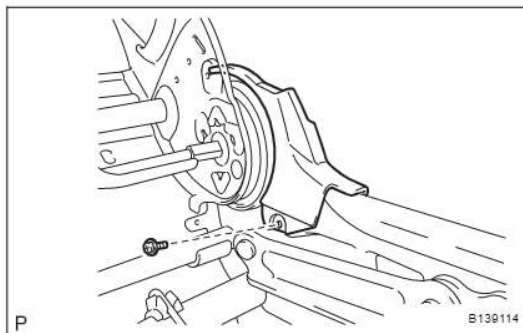
(a) Disconnect the clamp.



(b) Remove the screw.
 (c) Disengage the claw and remove the reclining adjuster inside cover LH.

16. REMOVE RECLINING ADJUSTER INSIDE COVER RH**HINT:**

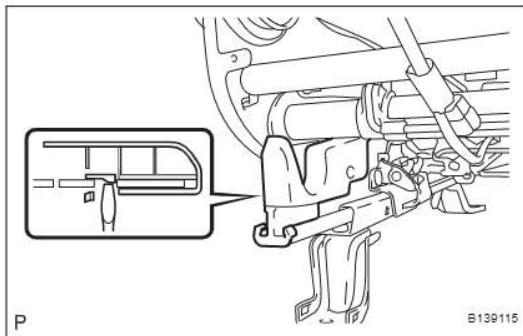
Use the same procedures for the RH side and LH side.

**17. REMOVE RECLINING ADJUSTER INSIDE COVER LH**

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

18. REMOVE RECLINING ADJUSTER INSIDE COVER RH**HINT:**

Use the same procedures for the RH side and LH side.

SE-22**SEAT – FRONT SEAT ASSEMBLY (for Manual Seat)****19. REMOVE FRONT LOWER SEAT CUSHION SHIELD LH**

- (a) Using a screwdriver, disengage the claw and remove the front lower seat cushion shield LH.

20. REMOVE FRONT LOWER SEAT CUSHION SHIELD RH

HINT:

Use the same procedures for the RH side and LH side.

**21. REMOVE SEAT POSITION SENSOR (for Driver Seat)
(See page [RS-461](#))****SE**

REASSEMBLY

NOTICE:

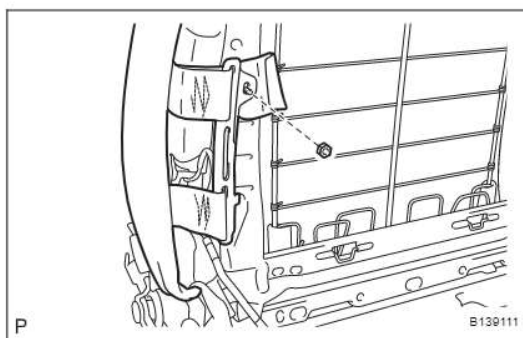
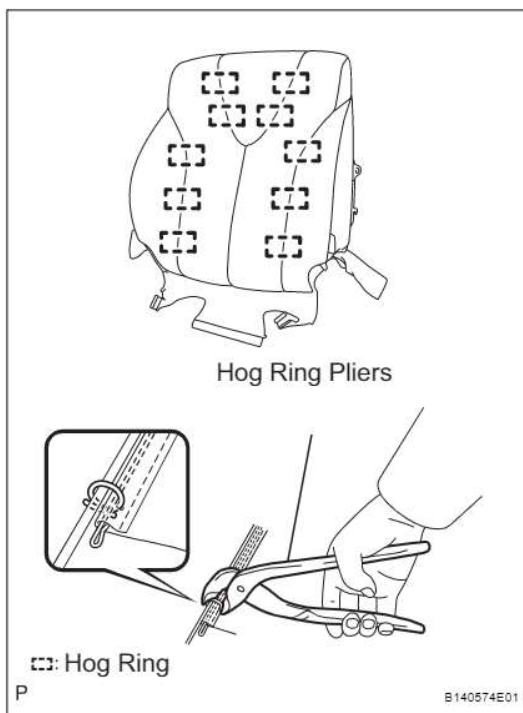
Wear protective gloves. Sharp areas on the seat frame and adjuster may injure your hands.

1. INSTALL SEAT POSITION SENSOR (for Driver Side)
(See page [RS-464](#))
2. INSTALL FRONT LOWER SEAT CUSHION SHIELD LH
3. INSTALL FRONT LOWER SEAT CUSHION SHIELD RH
4. INSTALL RECLINING ADJUSTER INSIDE COVER LH
5. INSTALL RECLINING ADJUSTER INSIDE COVER RH
6. INSTALL RECLINING ADJUSTER INSIDE COVER LH
7. INSTALL RECLINING ADJUSTER INSIDE COVER RH
8. INSTALL FRONT SEPARATE TYPE SEAT BACK COVER

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

NOTICE:

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



9. INSTALL FRONT SEAT BACK COVER WITH PAD

- (a) Fully cover the airbag with the 2 seat back cover brackets and tighten the nut.

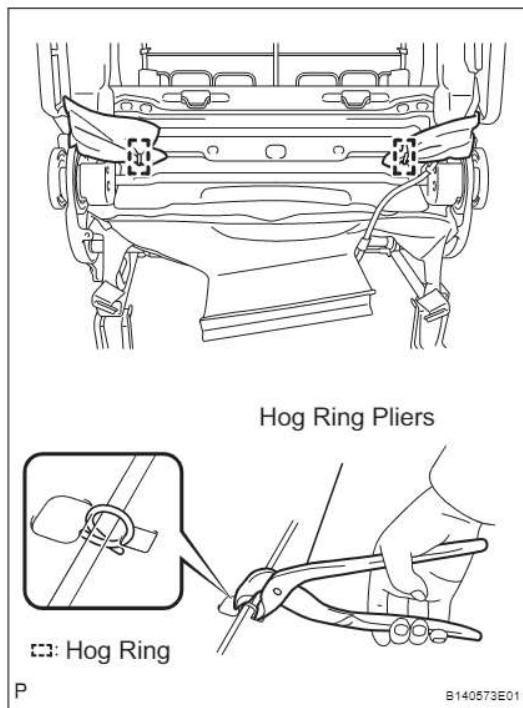
Torque: 5.5 N*m (56 kgf*cm, 49 in.*lbf)

NOTICE:

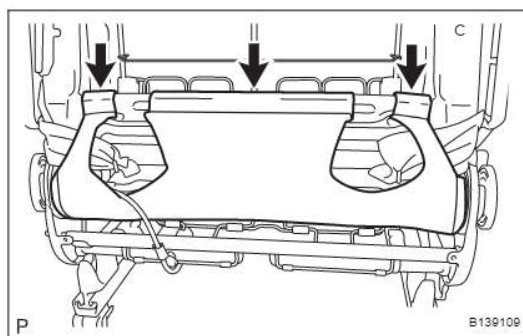
- For vehicles with side airbags, the seat back cover must be securely installed. Otherwise, the side airbags may not deploy properly.
- Make sure that the strap is not twisted after installing the bracket.
- Install the bracket securely.

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SEAT – FRONT SEAT ASSEMBLY (for Manual Seat)

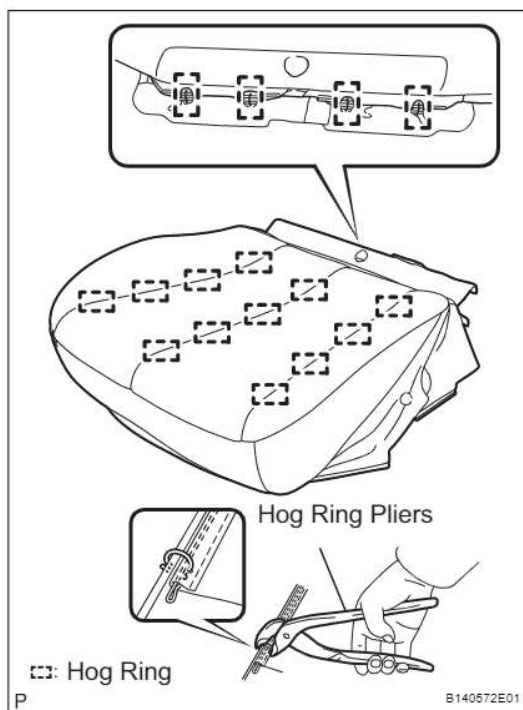


- (b) Using hog ring pliers, install the seat back cover (with pad) to the seat frame with 2 new hog rings, and attach the hooks.



- (c) Engage the 3 hooks.

10. INSTALL FRONT SEAT HEADREST SUPPORT
11. INSTALL FRONT SEAT HEADREST SUPPORT
12. INSTALL FRONT SEAT BACK BOARD SUB-ASSEMBLY



13. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER

- (a) Using hog ring pliers, install the separate type front seat cushion cover to the seat back pad with 16 new hog rings.

NOTICE:

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

14. INSTALL FRONT SEAT CUSHION COVER WITH PAD
15. INSTALL FRONT INNER SEAT CUSHION SHIELD
16. INSTALL FRONT SEAT INNER BELT ASSEMBLY (See page [SB-16](#))
17. INSTALL LOWER SEAT TRACK SPACER
18. INSTALL FRONT SEAT CUSHION SHIELD (for Driver Seat)
19. INSTALL RECLINING ADJUSTER RELEASE HANDLE

SEAT – FRONT SEAT ASSEMBLY (for Manual Seat)

SE-25

- 20. INSTALL VERTICAL ADJUSTING HANDLE NO. 2 (for Driver Seat)**
- 21. INSTALL VERTICAL ADJUSTER COVER LH (for Driver Seat)**

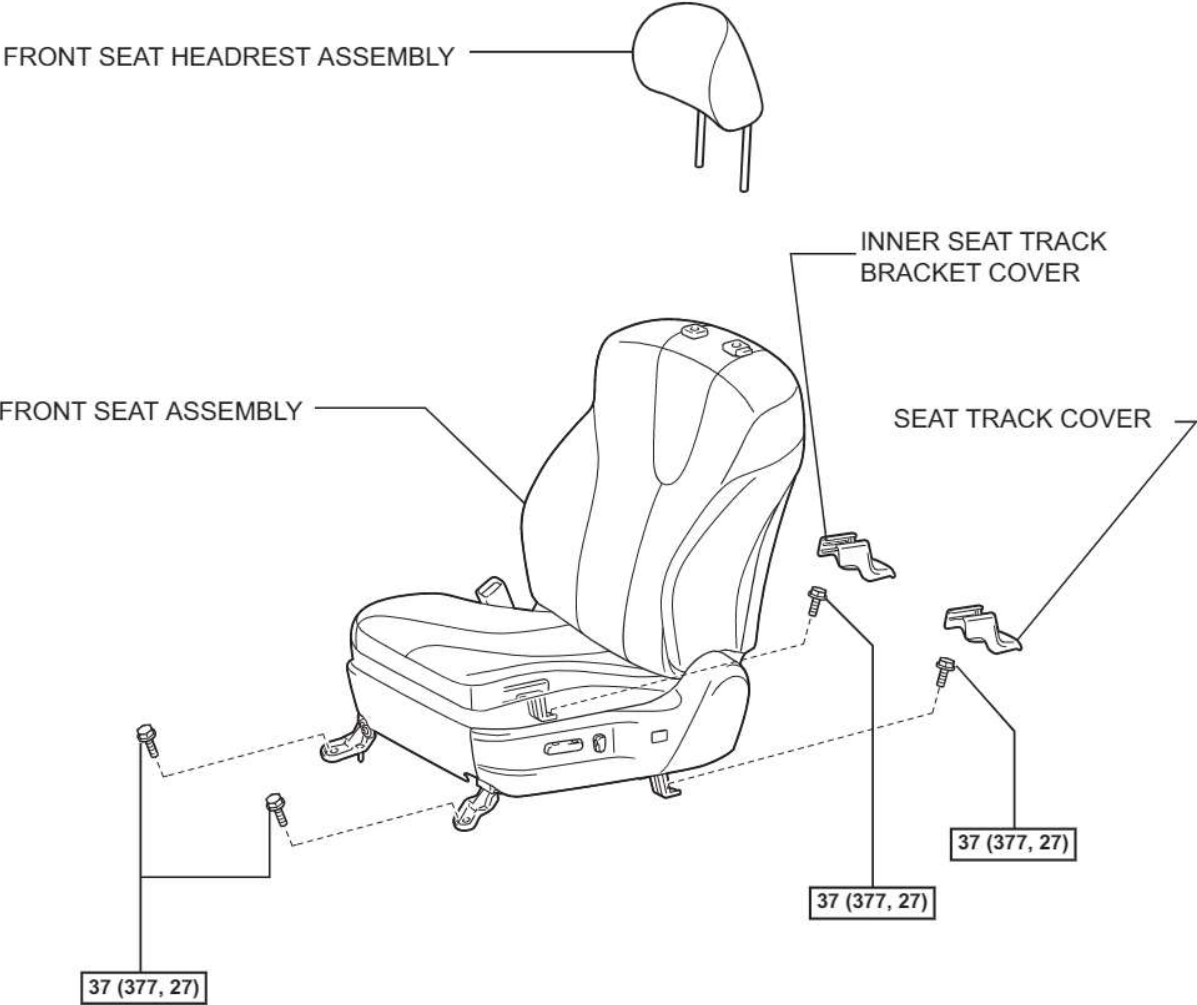
SE

SE-26

SEAT – FRONT SEAT ASSEMBLY (for Power Seat)

FRONT SEAT ASSEMBLY (for Power Seat)
COMPONENTS

SE



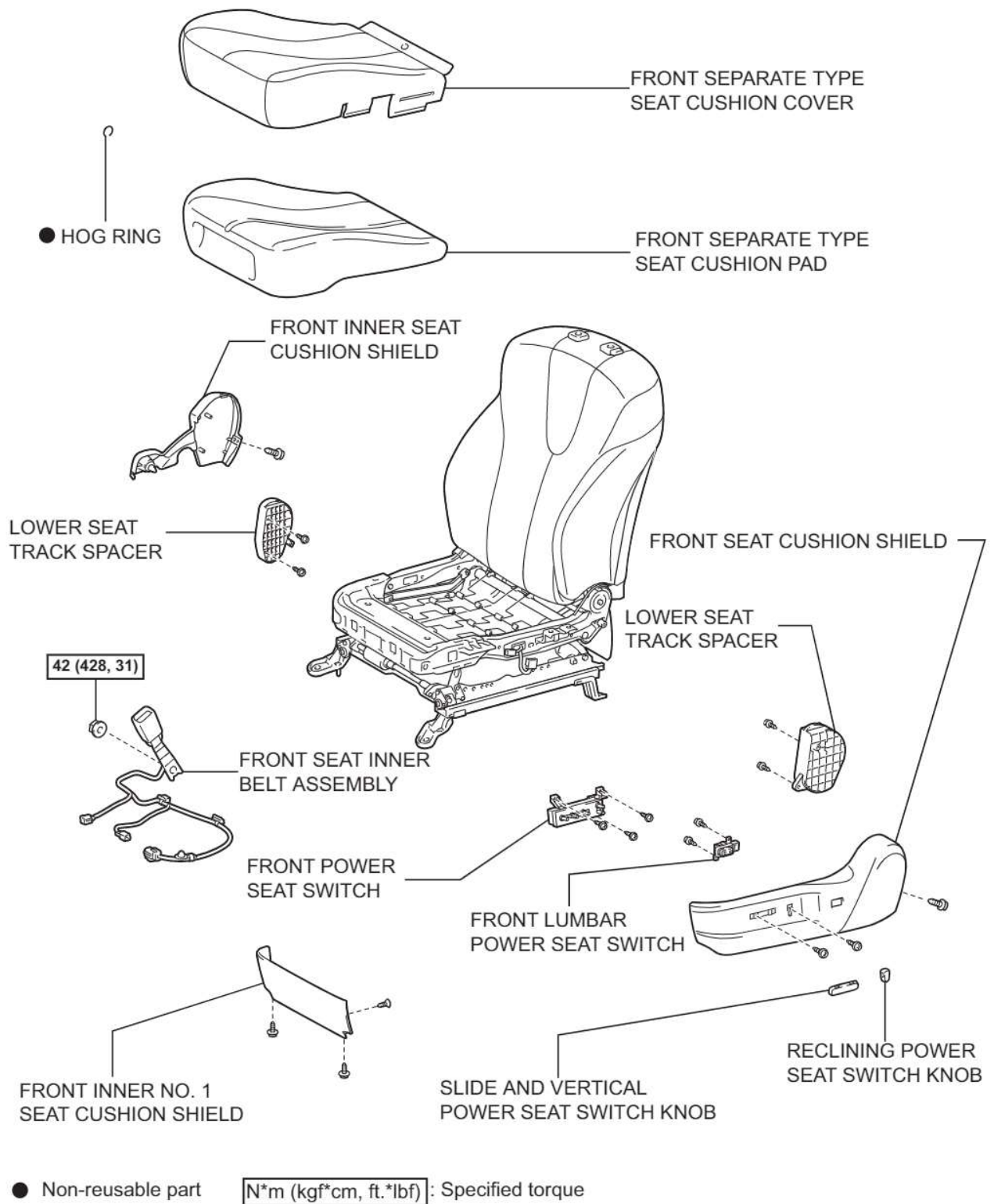
N*m (kgf*cm, ft.*lbf) : Specified torque

P

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SEAT – FRONT SEAT ASSEMBLY (for Power Seat)

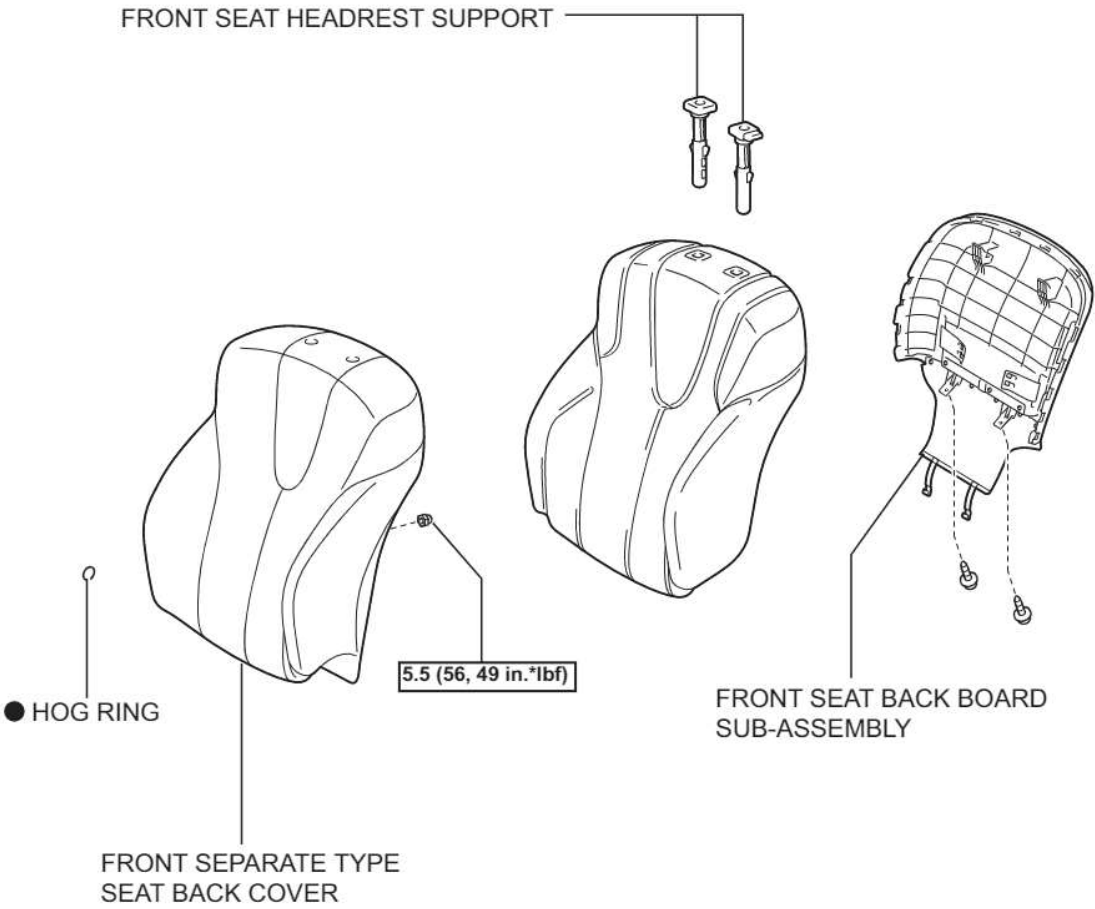
SE



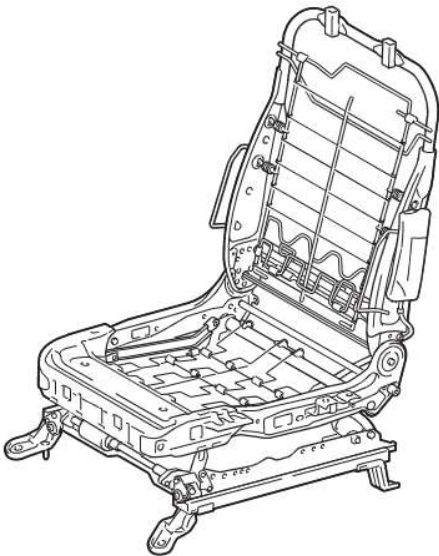
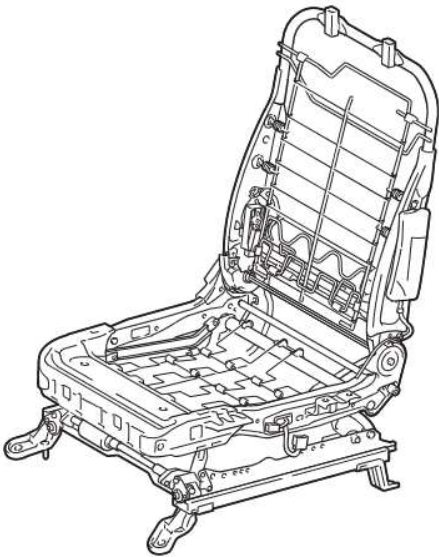
SE-28

SEAT – FRONT SEAT ASSEMBLY (for Power Seat)

SE



for Sport Seat Type :



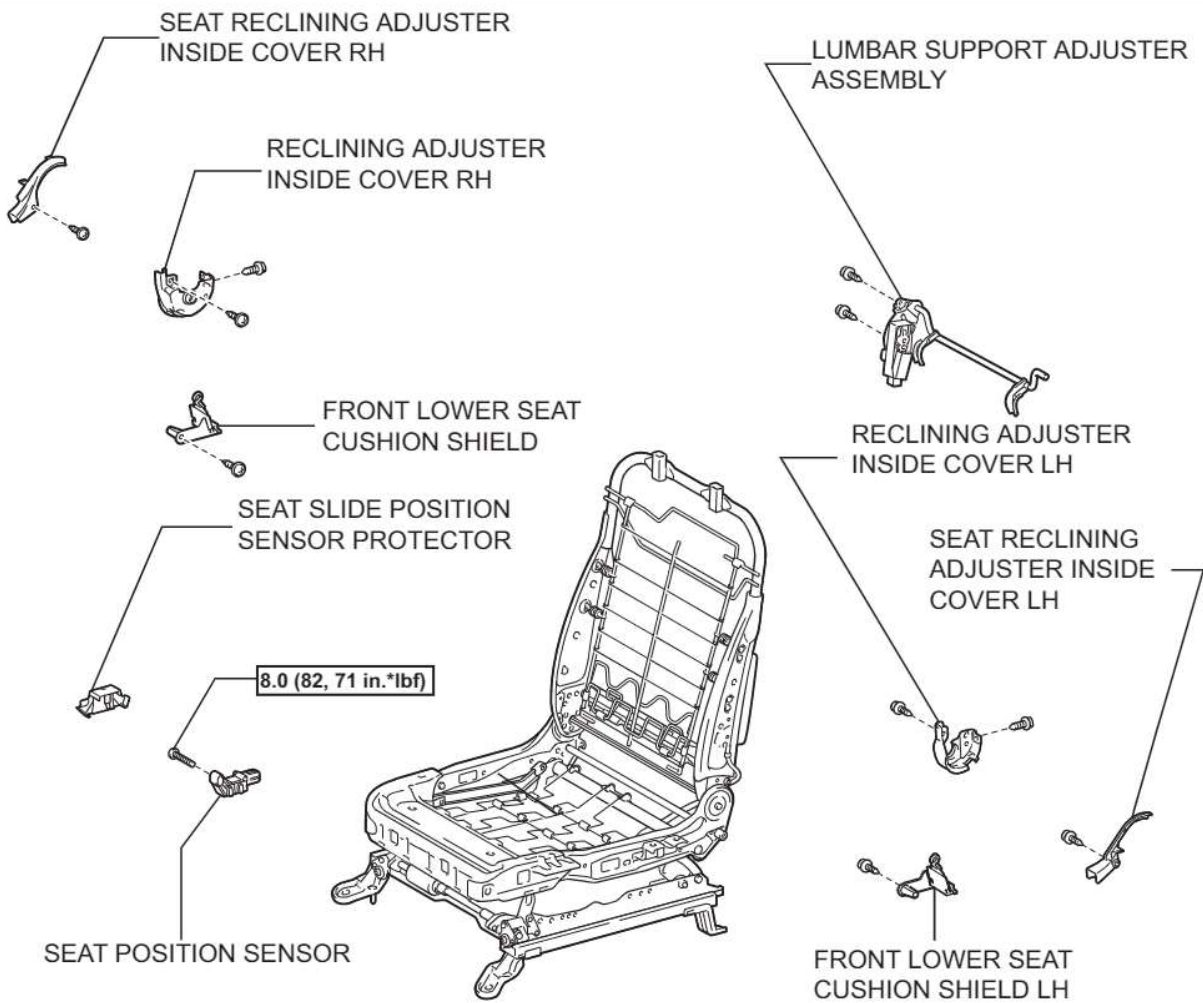
● Non-reusable part

N*m (kgf*cm, ft.*lbf) : Specified torque

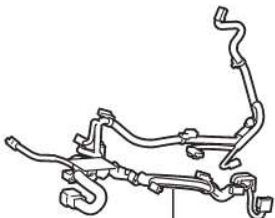
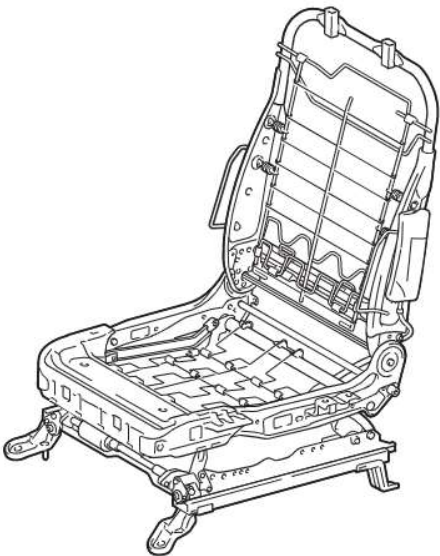
SEAT – FRONT SEAT ASSEMBLY (for Power Seat)

SE-29

SE



for Sport Seat Type:



FRONT SEAT WIRE

N*m (kgf*cm, ft.*lbf) : Specified torque

SE-30

SEAT – FRONT SEAT ASSEMBLY (for Power Seat)

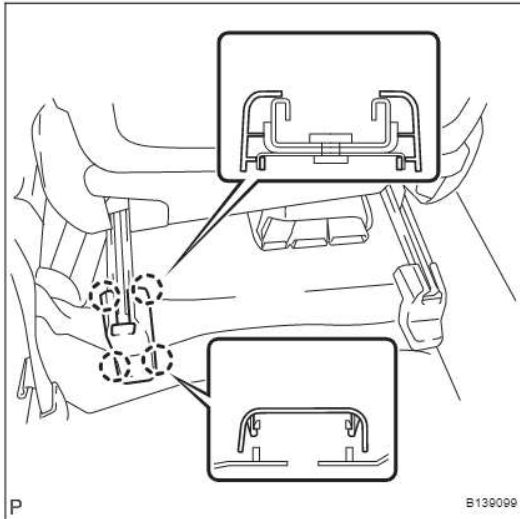
REMOVAL**1. REMOVE FRONT SEAT HEADREST ASSEMBLY****2. REMOVE SEAT TRACK COVER**

- (a) Operate the power seat switch knob and move the seat to the position farthest forward.

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

HINT:

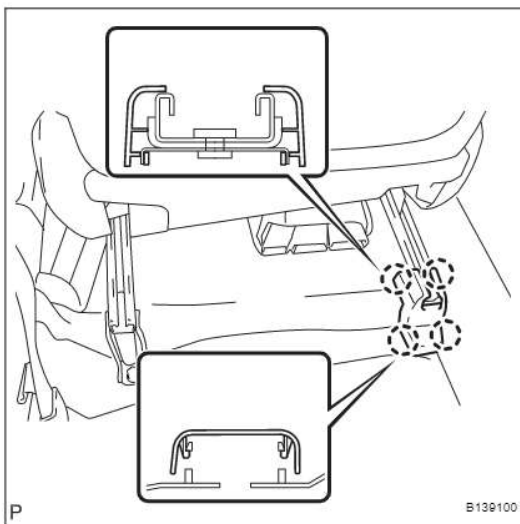
Tape the screwdriver tip before use.

**3. REMOVE INNER SEAT TRACK BRACKET COVER**

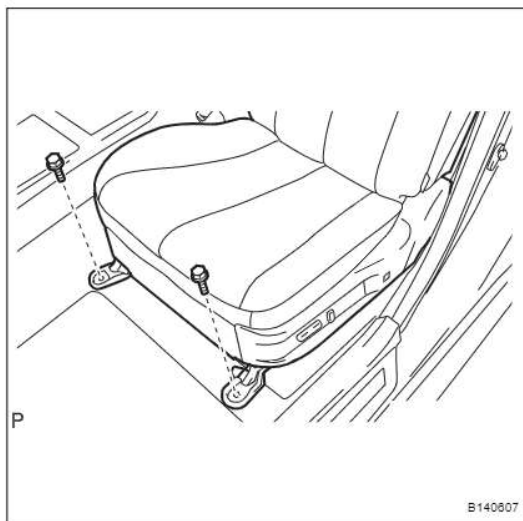
- (a) Using a screwdriver, detach the 4 claws and remove the inner seat track bracket cover.

4. REMOVE FRONT SEAT ASSEMBLY

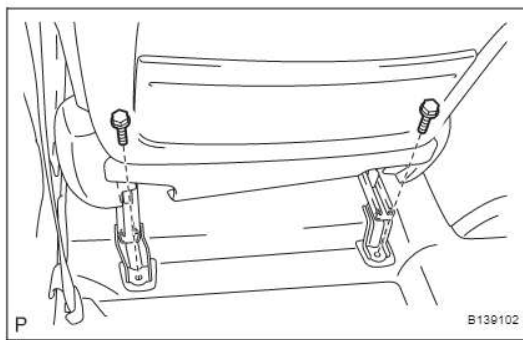
- (a) Operate the power seat switch knob and move the seat to the rearmost position.



SE

SEAT – FRONT SEAT ASSEMBLY (for Power Seat)**SE-31**

- (b) Remove the 2 bolts on the front seat track bracket.
- (c) Operate the power seat switch knob and move the seat to the position farthest forward.



- (d) Remove the 2 bolts on the rear seat track bracket.
- (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 prevent the airbag and seat belt pretensioner from deploying (See page [RS-1](#)).

- (f) Disconnect the connectors under the seat. Then remove the front seat assembly.

SE

SE-32

SEAT – FRONT SEAT ASSEMBLY (for Power Seat)

DISASSEMBLY**CAUTION:**

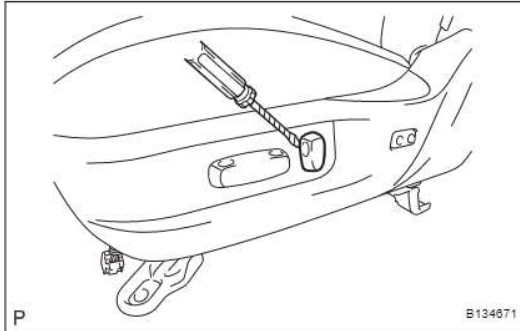
Wear protective gloves. Sharp areas on the seat frame and adjuster may injure your hands.

1. REMOVE RECLINING POWER SEAT SWITCH KNOB

- (a) Using a screwdriver, detach the reclining power seat switch knob.

HINT:

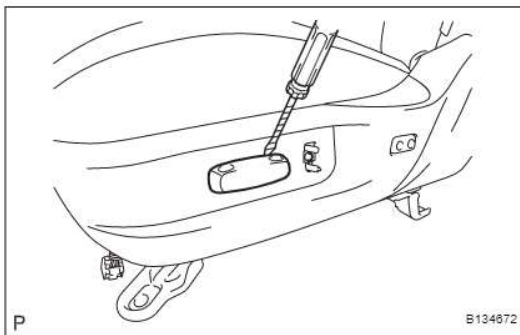
Tape the screwdriver tip before use.

**2. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB**

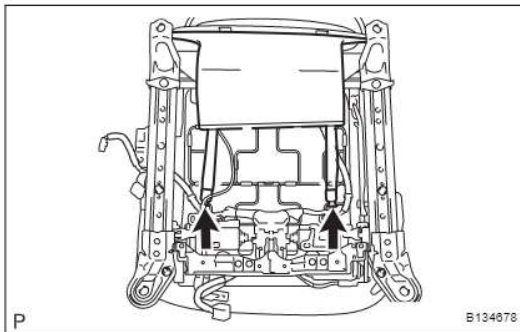
- (a) Using a screwdriver, detach the slide and vertical power seat switch knob.

HINT:

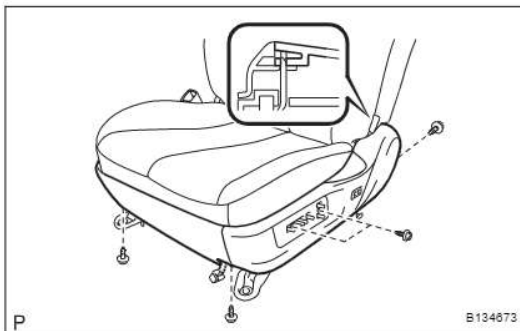
Tape the screwdriver tip before use.

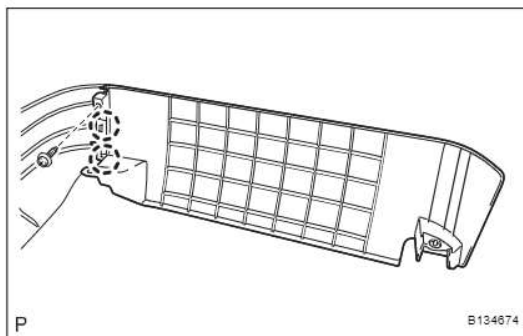
**3. REMOVE FRONT SEAT CUSHION SHIELD ASSEMBLY**

- (a) Disconnect the 2 hooks.

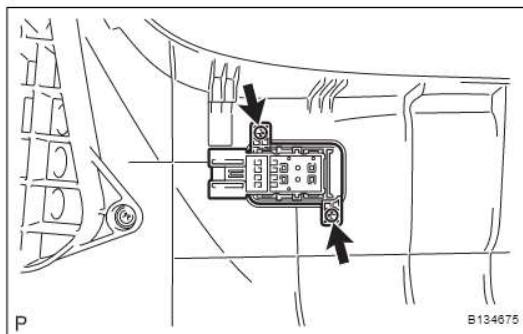


- (b) Remove the 5 screws.
 (c) Disengage the claw and separate the front seat cushion shield assembly.
 (d) Disconnect the connector from the front power seat lumbar switch.

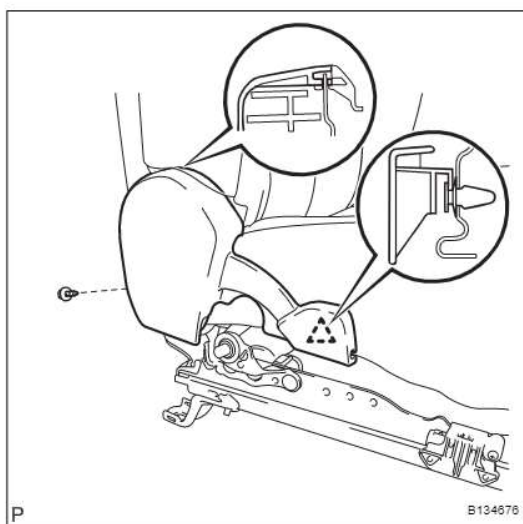


SEAT – FRONT SEAT ASSEMBLY (for Power Seat)**SE-33****4. REMOVE FRONT INNER NO. 1 SEAT CUSHION SHIELD**

- (a) Remove the screw.
- (b) Detach the 2 claws and remove the front inner No. 1 seat cushion shield.

**5. REMOVE FRONT LUMBAR POWER SEAT SWITCH**

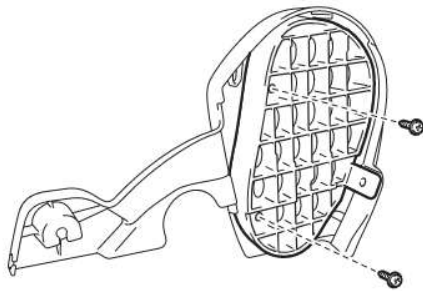
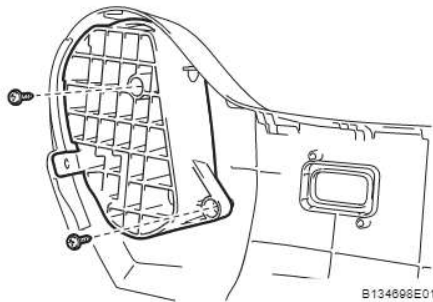
- (a) Remove the 2 screws and front lumbar power seat switch.

6. REMOVE FRONT SEAT INNER BELT ASSEMBLY (See page [SB-16](#))**7. REMOVE FRONT INNER SEAT CUSHION SHIELD**

- (a) Remove the screw.
- (b) Using a clip remover, detach the clip.
- (c) Using a screwdriver, detach the claw and remove the front inner seat cushion shield.

HINT:

Tape the screwdriver tip before use.

SE-34**SEAT – FRONT SEAT ASSEMBLY (for Power Seat)****RH SIDE:****LH SIDE:**

P

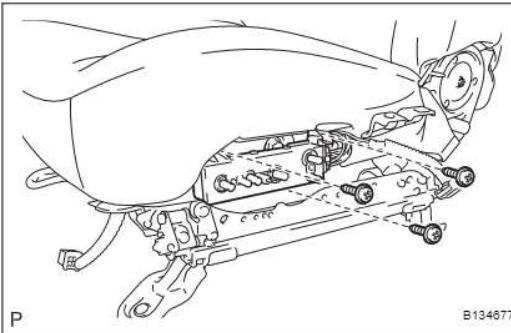
B134868E01

8. REMOVE LOWER SEAT TRACK SPACER

- (a) Remove the 2 screws and lower seat track spacer.

9. REMOVE FRONT POWER SEAT SWITCH

- (a) Remove the 3 screws.
(b) Disconnect the connector and remove the front power seat switch.

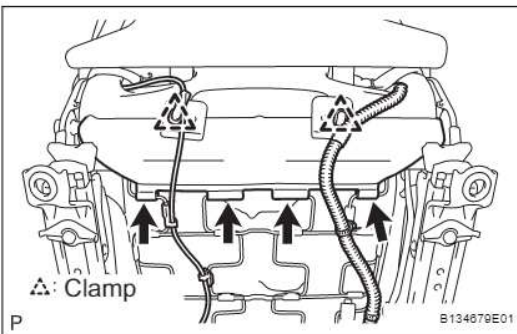


P

B134677

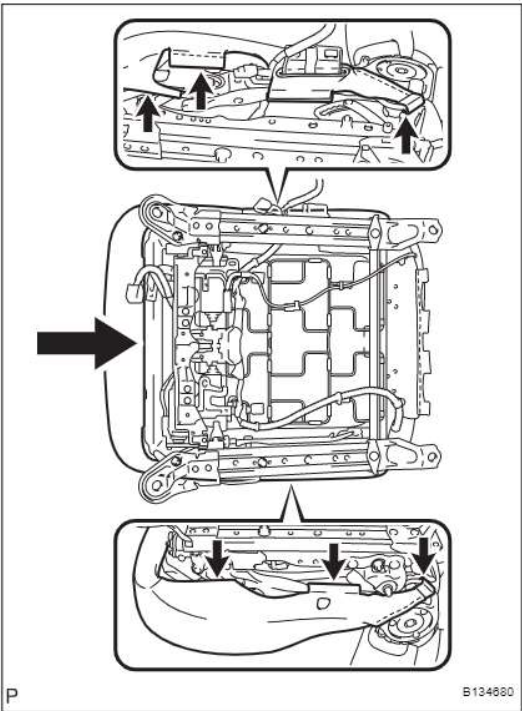
10. REMOVE FRONT SEPARATE TYPE SEAT CUSHION ASSEMBLY

- (a) Disconnect the 2 clamps.
(b) Remove the 4 hooks.

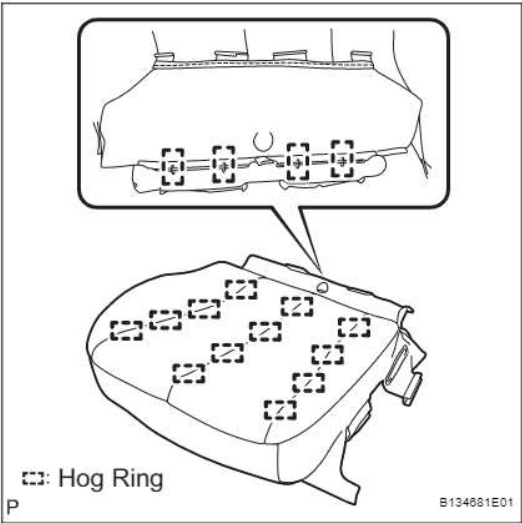


P

B134879E01

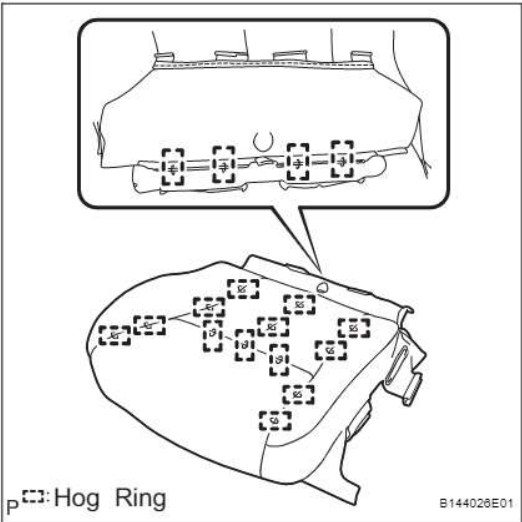


- (c) Using a screwdriver, detach the hooks and remove the front separate type seat cushion assembly.



11. REMOVE FRONT SEPARATE TYPE SEAT CUSHION COVER (for Except Sports Seat Type)

- (a) Remove the 16 hog rings and front separate type seat cushion cover from the seat cushion pad.

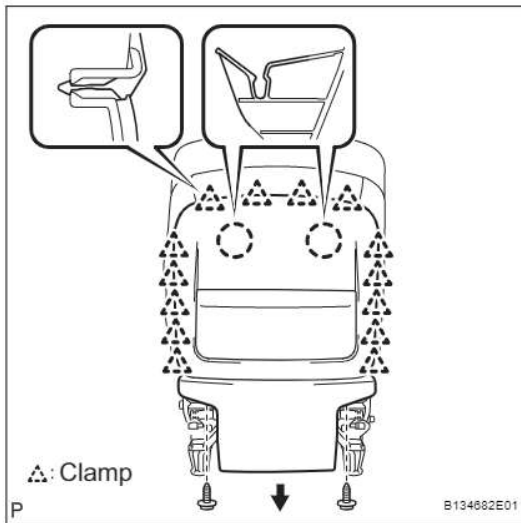


12. REMOVE FRONT SEPARATE TYPE SEAT CUSHION COVER (for Sports Seat Type)

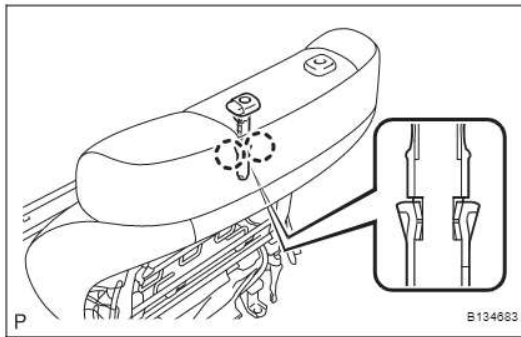
- (a) Remove the 17 hog rings and front separate type seat cushion cover from the seat cushion pad.

SE-36

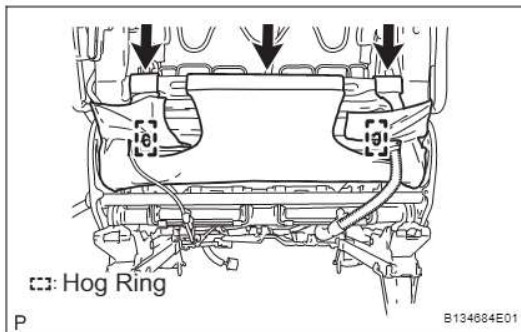
SEAT – FRONT SEAT ASSEMBLY (for Power Seat)

**13. REMOVE FRONT SEAT BACK BOARD SUB-ASSEMBLY**

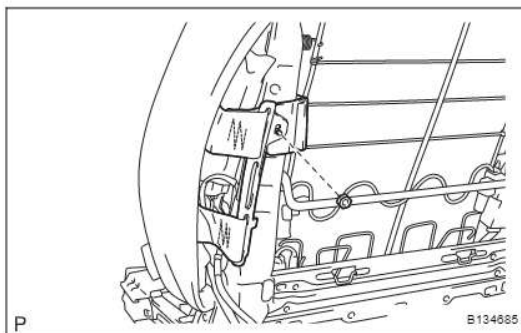
- (a) Remove the 2 screws.
- (b) Disconnect the 14 clamps and front separate type seat back cover.
- (c) Pull the seat back board in the direction indicated by the arrow in the illustration to detach the 2 claws. Then, remove the seat back board.

**14. REMOVE FRONT SEAT HEADREST SUPPORT**

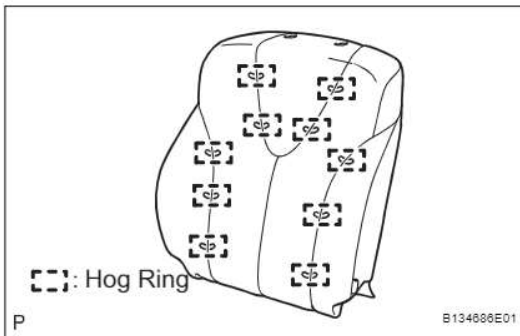
- (a) Detach the 2 claws and remove the headrest support.

15. REMOVE FRONT SEAT HEADREST SUPPORT**16. REMOVE FRONT SEPARATE TYPE SEAT BACK ASSEMBLY**

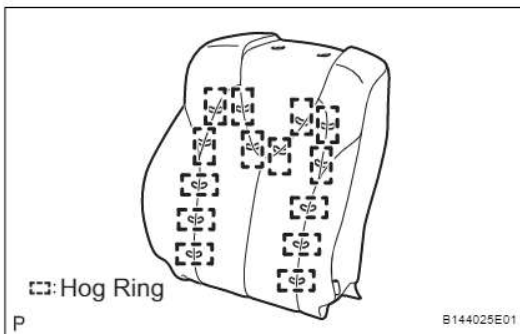
- (a) Remove the 2 hog rings and 3 hooks.



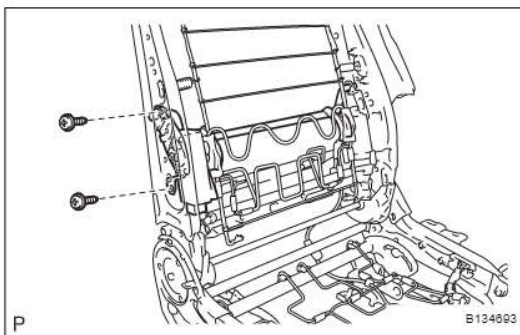
- (b) Remove the nut and 2 seat back cover brackets.

SEAT – FRONT SEAT ASSEMBLY (for Power Seat)**SE-37****17. REMOVE FRONT SEPARATE TYPE SEAT BACK COVER (for Except Sports Seat Type)**

- (a) Remove the 10 hog rings and front separate type seat back cover from the seat back pad.

**18. REMOVE FRONT SEPARATE TYPE SEAT BACK COVER (for Sports Seat Type)**

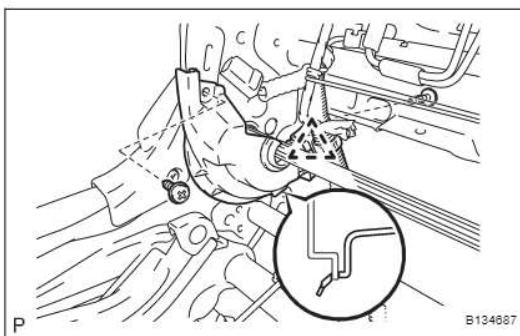
- (a) Remove the 14 hog rings and front separate type seat back cover from the seat back pad.

**19. REMOVE LUMBAR SUPPORT ADJUSTER ASSEMBLY**

- (a) Disconnect the connector.
(b) Remove the 2 screws and lumbar support adjuster assembly.

20. REMOVE RECLINING ADJUSTER INSIDE COVER RH

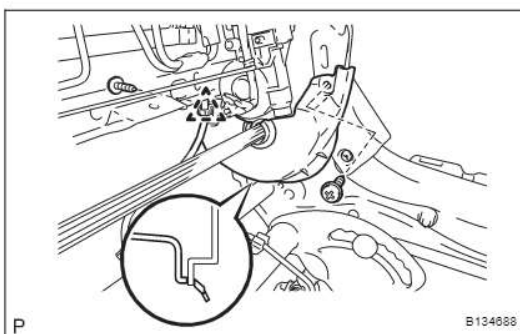
- (a) Disconnect the harness.



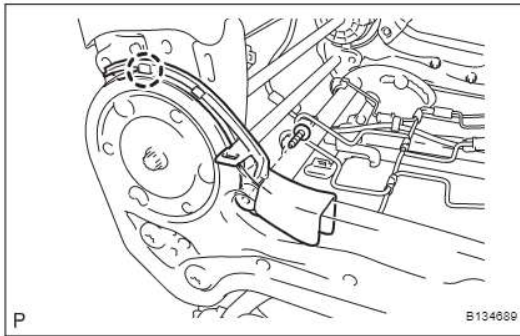
- (b) Remove the 2 screws and reclining adjuster inside cover RH.

21. REMOVE RECLINING ADJUSTER INSIDE COVER LH

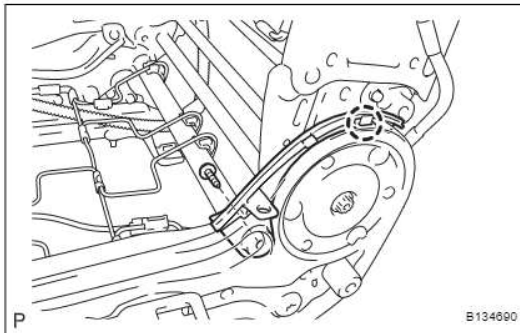
- (a) Disconnect the harness.



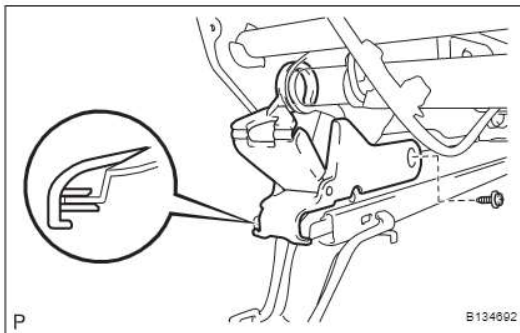
- (b) Remove the 2 screws and reclining adjuster inside cover LH.

SE-38**SEAT – FRONT SEAT ASSEMBLY (for Power Seat)****22. REMOVE SEAT RECLINING ADJUSTER INSIDE COVER RH**

- (a) Remove the screw.
- (b) Detach the claw and remove the seat reclining adjuster inside cover RH.

**23. REMOVE SEAT RECLINING ADJUSTER INSIDE COVER LH**

- (a) Remove the screw.
- (b) Detach the claw and remove the seat reclining adjuster inside cover LH.

**24. REMOVE FRONT LOWER SEAT CUSHION SHIELD LH**

- (a) Remove the screw and detach the hook of the front lower seat cushion shield LH.

25. REMOVE FRONT LOWER SEAT CUSHION SHIELD**26. REMOVE SEAT POSITION SENSOR (for Driver Side)**
(See page [RS-462](#))**27. REMOVE FRONT SEAT WIRE**

REASSEMBLY

CAUTION:

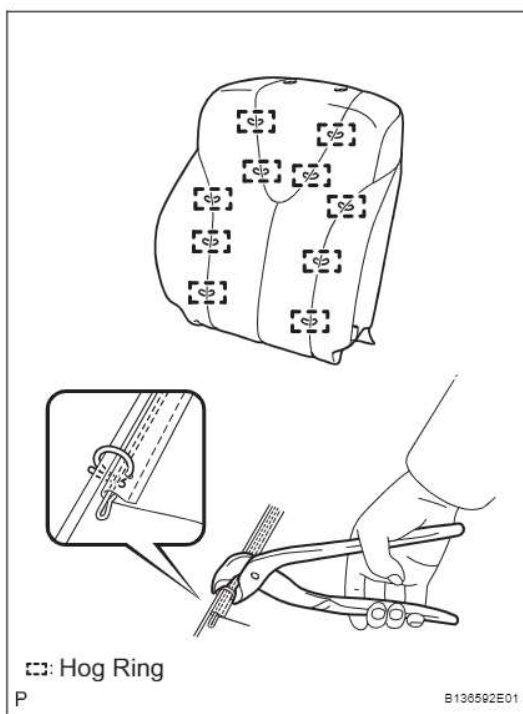
Wear protective gloves. Sharp areas on the seat adjuster may injure your hands.

1. INSTALL FRONT SEAT WIRE
2. INSTALL SEAT POSITION SENSOR (for Driver Side)
(See page [RS-462](#))
3. INSTALL FRONT LOWER SEAT CUSHION SHIELD
4. INSTALL FRONT LOWER SEAT CUSHION SHIELD LH
5. INSTALL SEAT RECLINING ADJUSTER INSIDE COVER LH
6. INSTALL SEAT RECLINING ADJUSTER INSIDE COVER RH
7. INSTALL RECLINING ADJUSTER INSIDE COVER LH
8. INSTALL RECLINING ADJUSTER INSIDE COVER RH
9. INSTALL LUMBAR SUPPORT ADJUSTER ASSEMBLY
10. INSTALL FRONT SEPARATE TYPE SEAT BACK COVER (for Except Sports Seat Type)

- (a) Using hog ring pliers, install the front separate type seat back cover to the front seat back pad with 16 new hog rings.

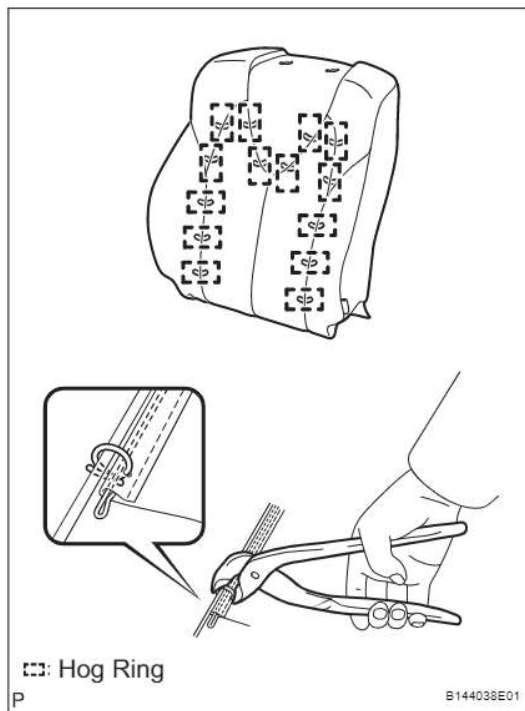
NOTICE:

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



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SEAT – FRONT SEAT ASSEMBLY (for Power Seat)

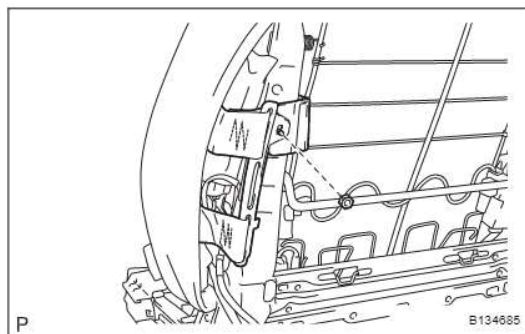


11. INSTALL FRONT SEPARATE TYPE SEAT BACK COVER (for Sports Seat Type)

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

NOTICE:

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



12. INSTALL FRONT SEPARATE TYPE SEAT BACK ASSEMBLY

- (a) Fully cover the airbag with the 2 seat back cover brackets and tighten the nut.

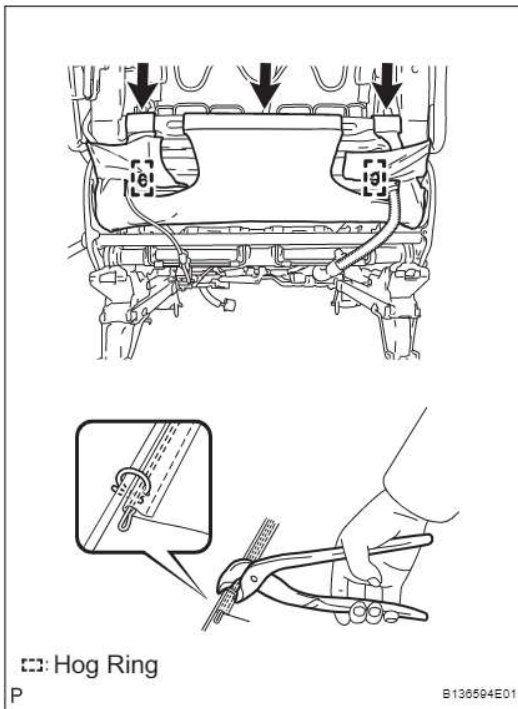
Torque: 5.5 N*m (56 kgf*cm, 49 in.*lbf)

NOTICE:

- For vehicles with side airbags, the seat back cover must be securely installed. Otherwise, the side airbags may not deploy properly.
- Make sure that the strap is not twisted after installing the bracket.
- Install the bracket securely.

SEAT – FRONT SEAT ASSEMBLY (for Power Seat)

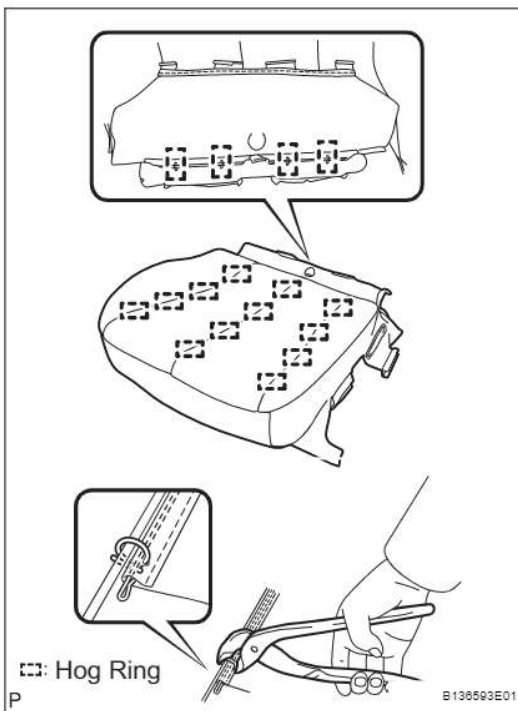
SE-41



- (b) Engage the 3 hooks.
- (c) Using hog ring pliers, install 2 new hog rings.

NOTICE:

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

13. INSTALL FRONT SEAT HEADREST SUPPORT**14. INSTALL FRONT SEAT HEADREST SUPPORT****15. INSTALL FRONT SEAT BACK BOARD SUB-ASSEMBLY****16. INSTALL FRONT SEPARATE TYPE SEAT CUSHION COVER (for Except Sports Seat Type)**

- (a) Using hog ring pliers, install the front separate type seat cushion cover to the front separate type seat pad with 16 new hog rings.

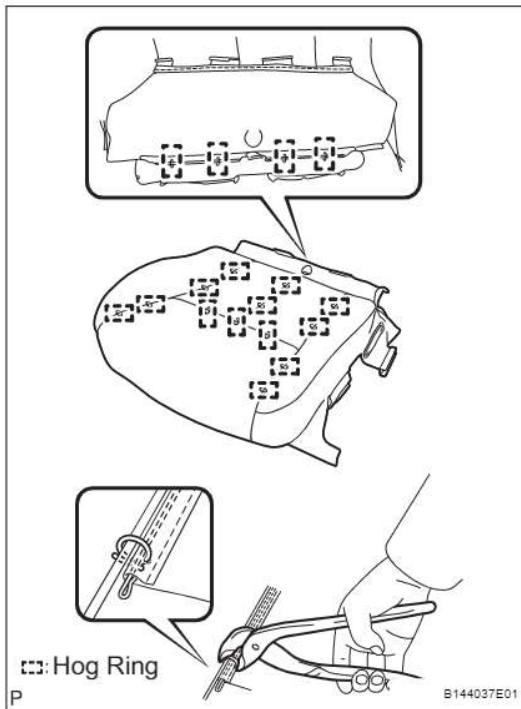
NOTICE:

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

SE

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SEAT – FRONT SEAT ASSEMBLY (for Power Seat)

**17. INSTALL FRONT SEPARATE TYPE SEAT CUSHION COVER (for Sports Seat Type)**

- (a) Using hog ring pliers, install the front separate type seat cushion cover to the front separate type seat pad with 17 new hog rings.

NOTICE:

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

18. INSTALL FRONT SEPARATE TYPE SEAT CUSHION ASSEMBLY**19. INSTALL FRONT POWER SEAT SWITCH****20. INSTALL LOWER SEAT TRACK SPACER****21. INSTALL FRONT INNER SEAT CUSHION SHIELD****22. INSTALL FRONT LUMBAR POWER SEAT SWITCH****23. INSTALL FRONT SEAT INNER BELT ASSEMBLY (See page [SB-17](#))****24. INSTALL FRONT INNER NO. 1 SEAT CUSHION SHIELD****25. INSTALL FRONT SEAT CUSHION SHIELD ASSEMBLY****26. INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB****27. INSTALL RECLINING POWER SEAT SWITCH KNOB**

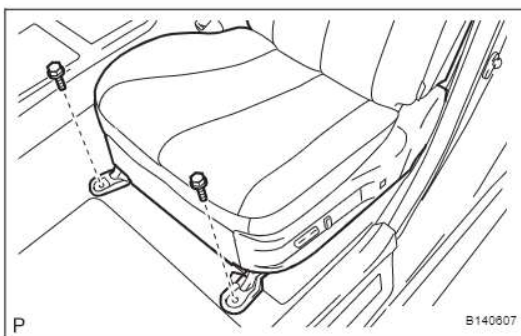
INSTALLATION

1. INSTALL FRONT SEAT ASSEMBLY

- (a) Place the seat in the cabin.
- (b) Connect the connectors under the seat.
- (c) Connect the cable to the negative (-) battery terminal.
- (d) Move the front seat assembly fully forward by operating the slide and vertical power seat switch knob.

NOTICE:

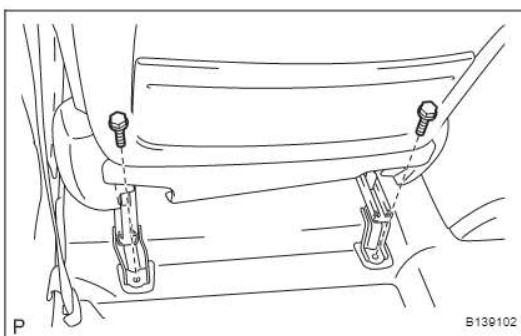
Check that the seat is locked.



- (e) Temporarily install the front side of the front seat assembly with the 2 bolts.
- (f) Move the front seat assembly fully forward by operating the slide and vertical power seat switch knob.

NOTICE:

Check that the seat is locked.



- (g) Temporarily install the rear side of the front seat assembly with the 2 bolts.
- (h) Move the front seat assembly to the rearmost position by operating the slide and vertical power seat switch knob.

NOTICE:

Check that the seat is locked.

- (i) Fully tighten the 2 bolts on the front side of the front seat assembly in the order of the inner side bolt and then the outer side bolt.

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

- (j) Move the front seat assembly fully forward by operating the slide and vertical power seat switch knob.

NOTICE:

Check that the seat is locked.

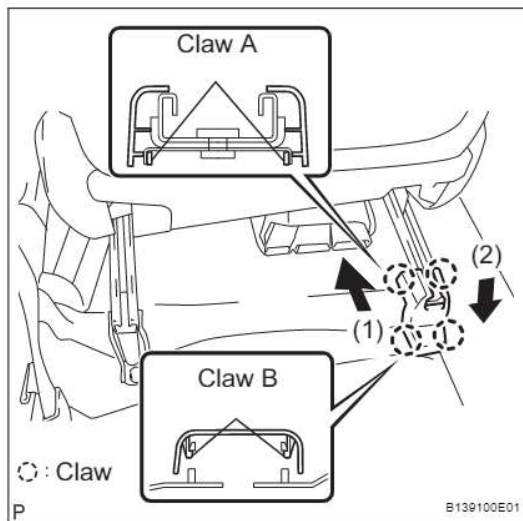
- (k) Fully tighten the 2 bolts on the rear side of the front seat assembly in the order of the inner side bolt and then the outer side bolt.

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

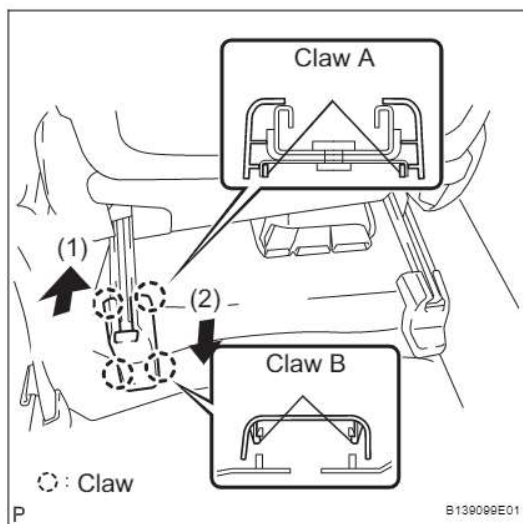
SE

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SEAT – FRONT SEAT ASSEMBLY (for Power Seat)

**2. INSTALL INNER SEAT TRACK BRACKET COVER**

- (a) Slide the inner seat track bracket cover along the seat rail toward the front of the vehicle. Engage claw A to the seat rail.
- (b) Push the inner seat track bracket cover to engage claw B.

**3. INSTALL SEAT TRACK COVER**

- (a) Slide the seat track cover along the seat rail toward the front of the vehicle. Engage claw A to the seat rail.
- (b) Push the seat track cover to engage claw B.

4. INSTALL FRONT SEAT HEADREST ASSEMBLY**5. PERFORM ZERO POINT CALIBRATION AND SENSITIVITY CHECK (for Front Passenger Seat)**
(See page [RS-242](#))**6. CHECK SRS WARNING LIGHT**

Check the SRS warning light. (See page [RS-32](#))

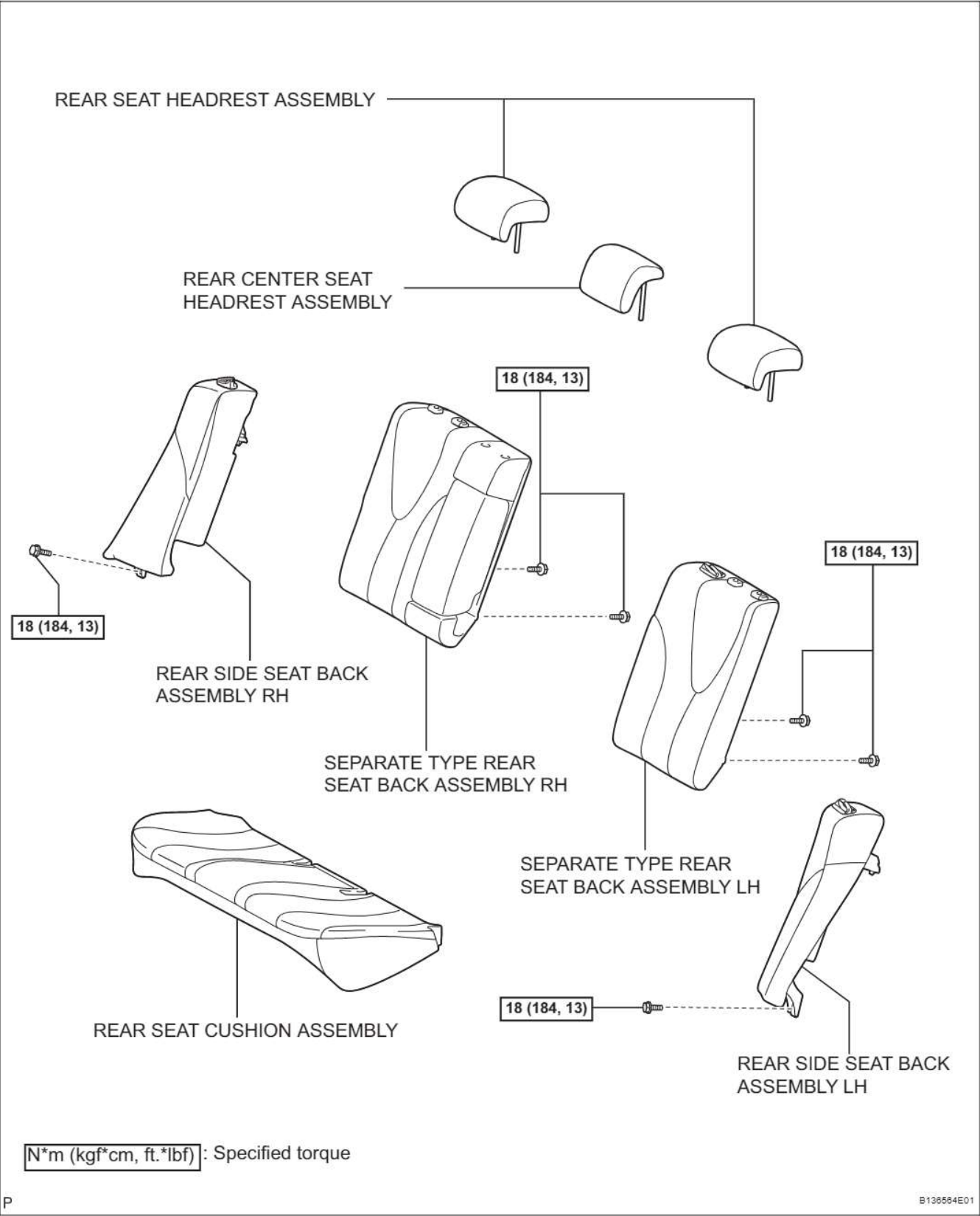
7. INSPECT FRONT SEAT ASSEMBLY

- (a) Check the power seat operation.
- (b) Check the seat heater operation (with seat heater system).
 - (1) Turn the ignition switch on (IG).
 - (2) Turn the seat heater switch ON.
 - (3) Wait 5 minutes or more and confirm that the seat surface becomes warm.

SE

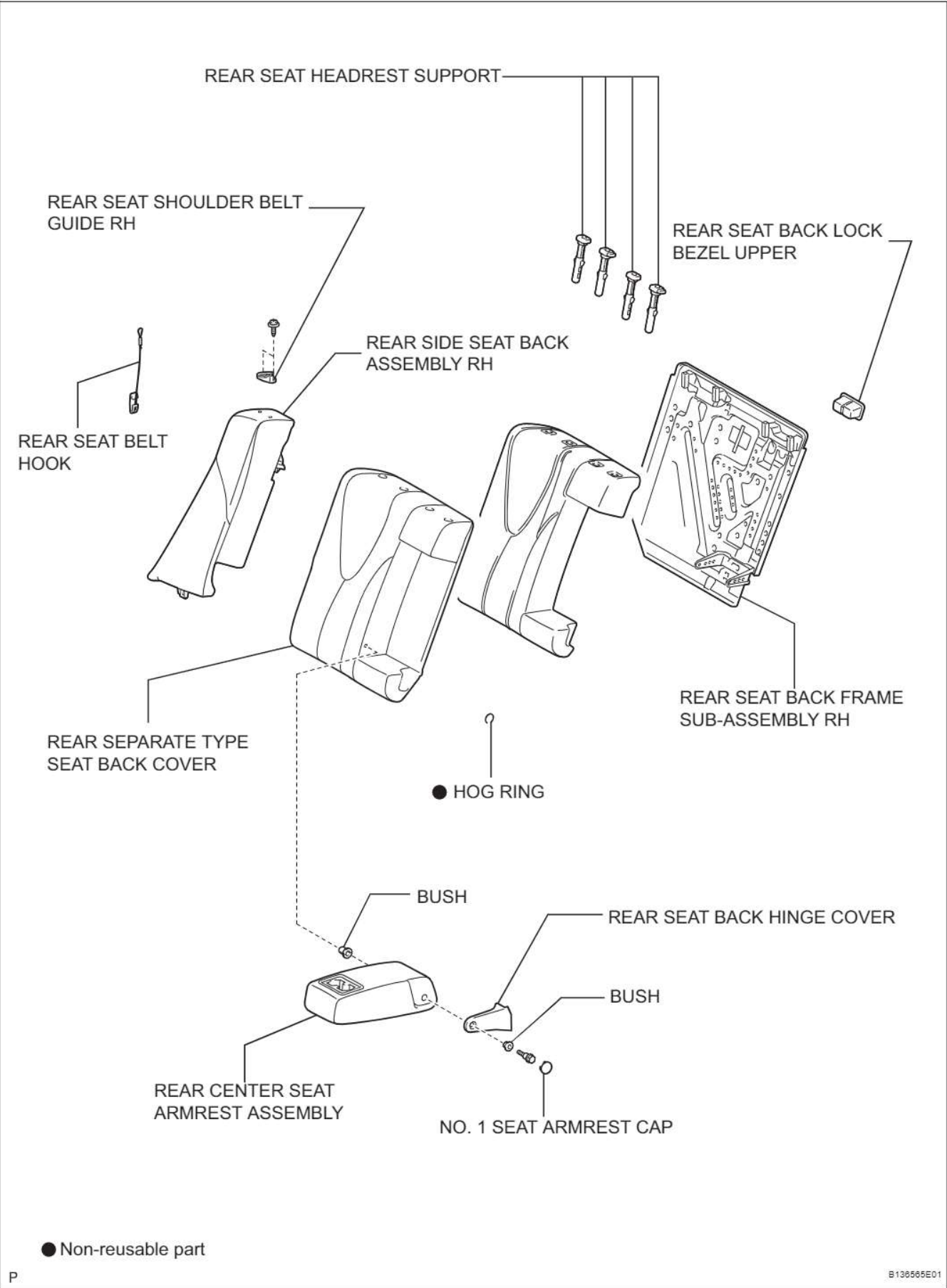
REAR SEAT ASSEMBLY (for Fold Down Seat Type)

COMPONENTS



SE-44

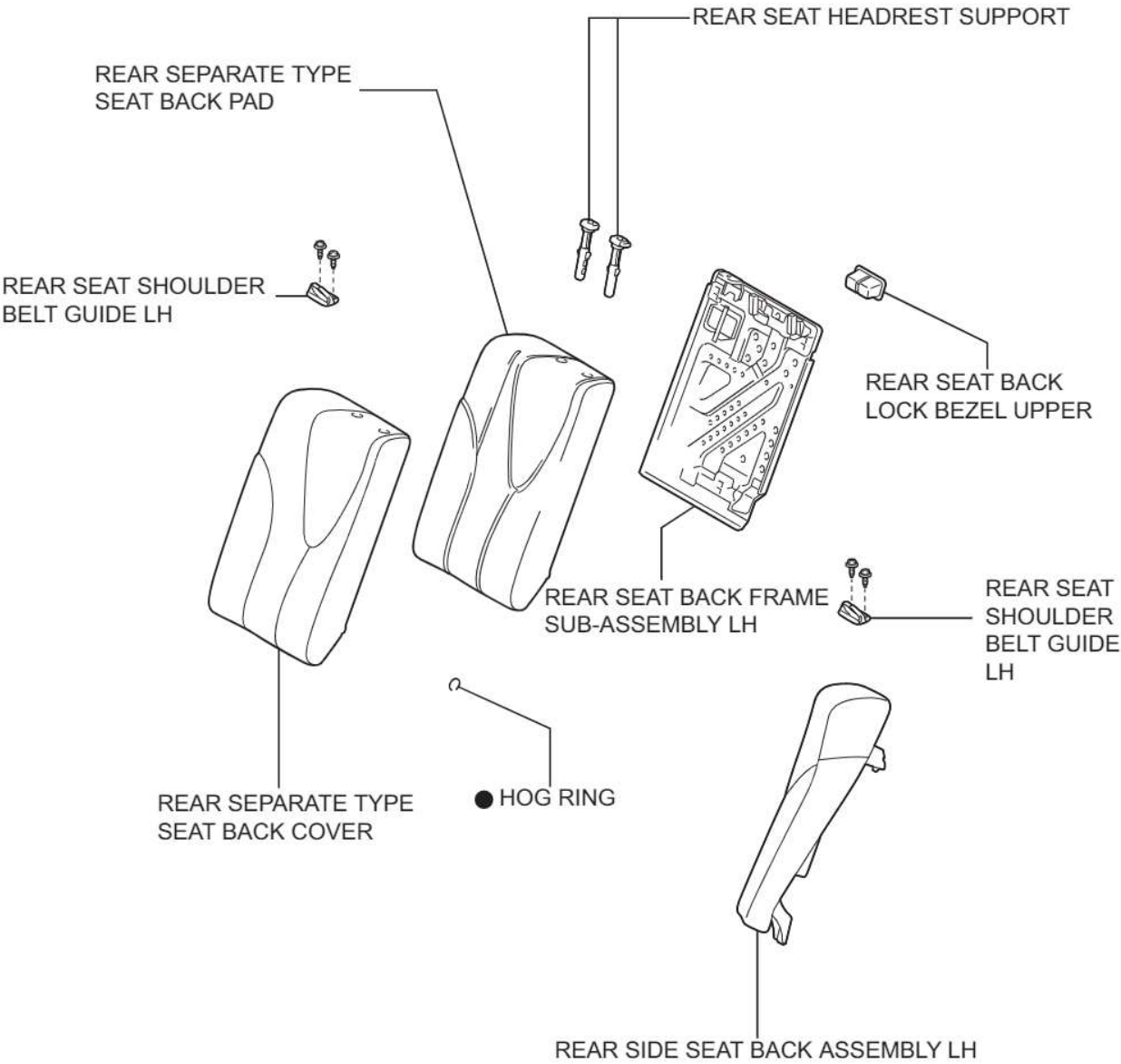
SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)



SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)

SE-45

SE



● Non-reusable part

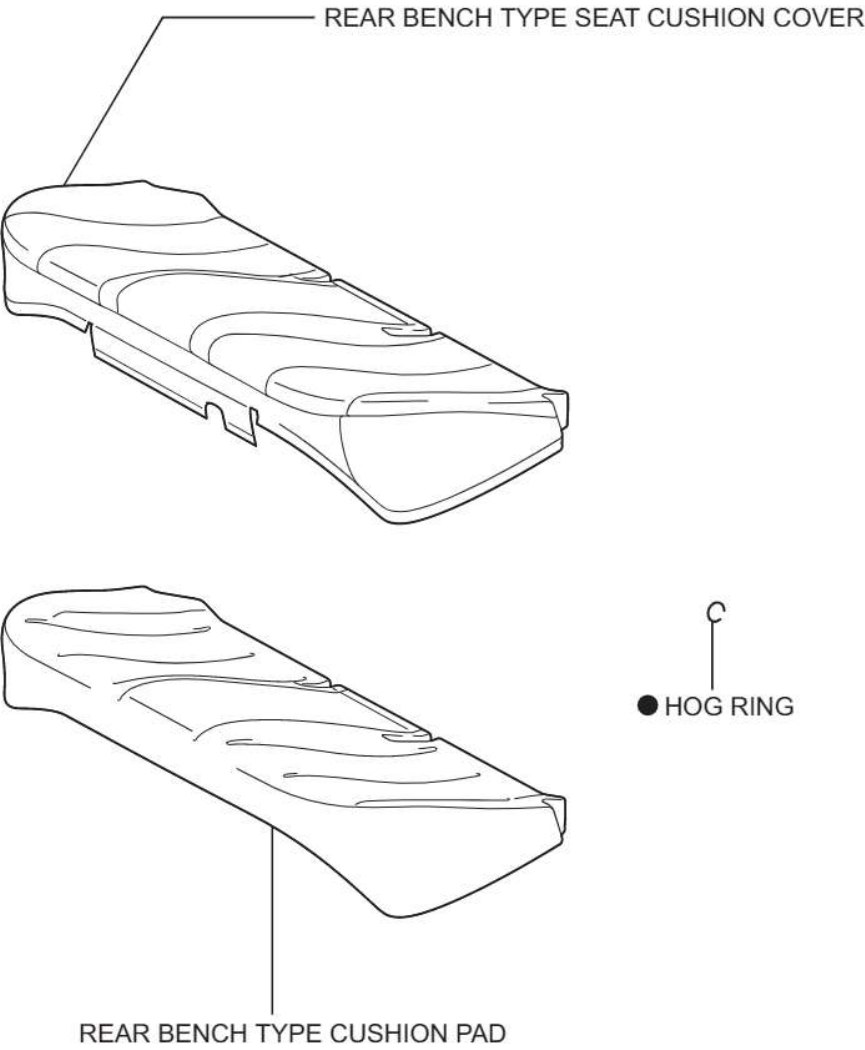
P

B138588E01

SE-46

SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)

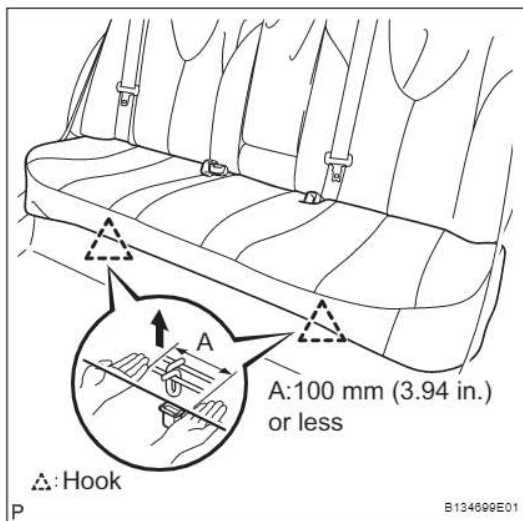
SE



● Non-reusable part

P

B136567E01

SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)**SE-47****REMOVAL****1. REMOVE REAR SEAT CUSHION ASSEMBLY**

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

NOTICE:

Follow the instructions below carefully as the cushion frame can be deformed easily.

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

2. REMOVE REAR SEAT HEADREST ASSEMBLY

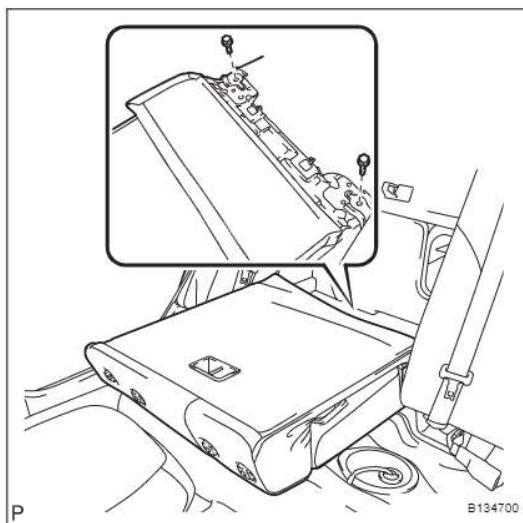
- (a) Remove the 2 rear seat headrest assemblies.

3. REMOVE REAR CENTER SEAT HEADREST ASSEMBLY

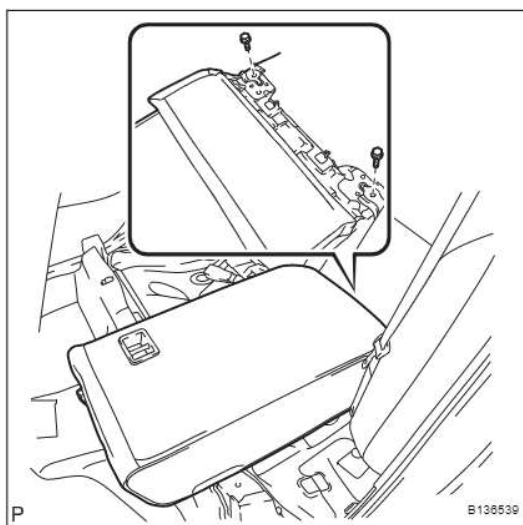
- (a) Remove the rear center seat headrest assembly.

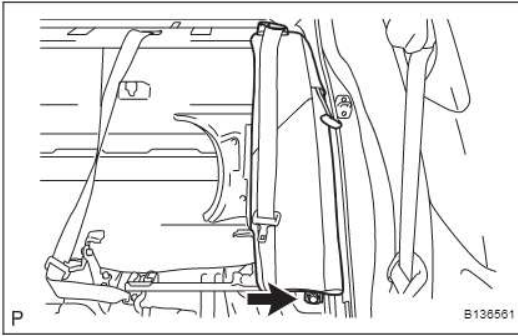
4. REMOVE SEPARATE TYPE REAR SEAT BACK ASSEMBLY RH

- (a) Remove the 2 bolts and separate type rear seat back assembly RH.

**5. REMOVE SEPARATE TYPE REAR SEAT BACK ASSEMBLY LH**

- (a) Remove the 2 bolts and separate type rear seat back assembly LH.



SE-48**SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)**

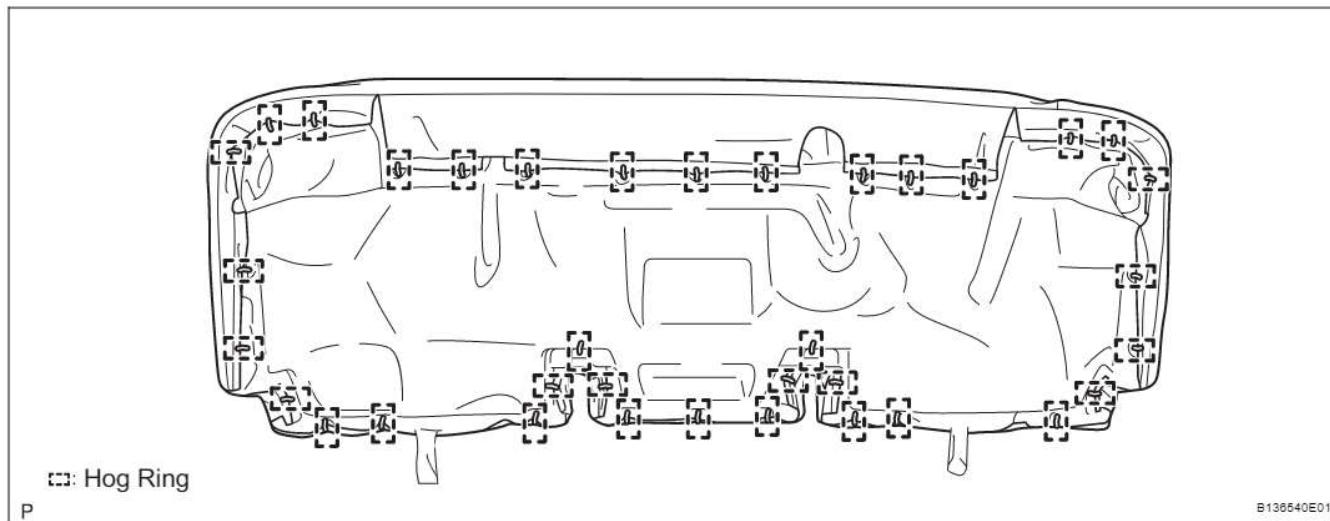
- 6. REMOVE REAR SIDE SEAT BACK ASSEMBLY LH**
(a) Remove the bolt and rear side seat back assembly LH.
- 7. REMOVE REAR SIDE SEAT BACK ASSEMBLY RH**
HINT:
Use the same procedures for the RH side and LH side.

SE

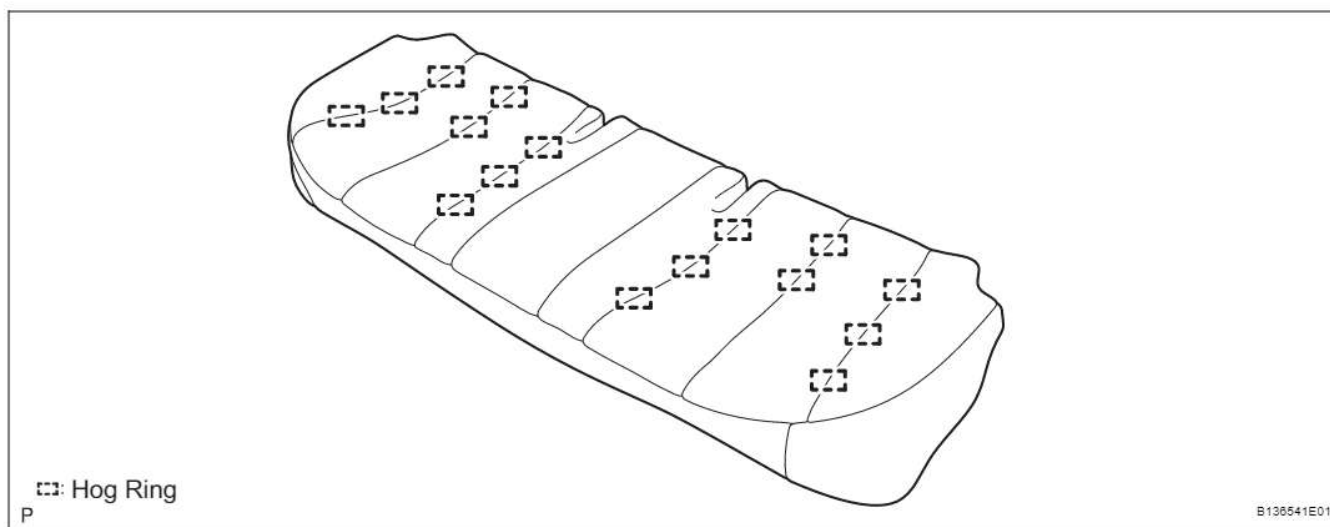
DISASSEMBLY

1. REMOVE REAR BENCH TYPE SEAT CUSHION COVER

- (a) Remove the 36 hog rings.



- (b) Remove the 16 hog rings and rear bench type seat cushion cover.

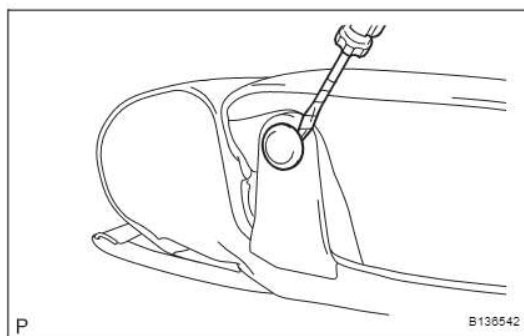


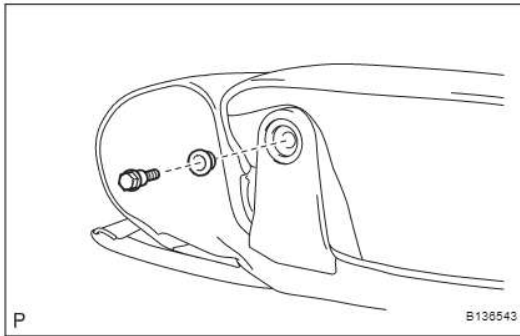
2. REMOVE NO. 1 SEAT ARMREST CAP

- (a) Using a screwdriver, remove the No. 1 seat armrest cap.

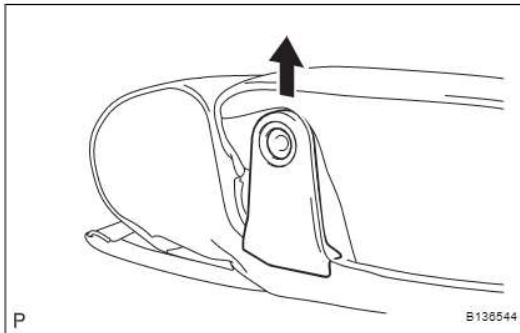
HINT:

Tape the screwdriver tip before use.

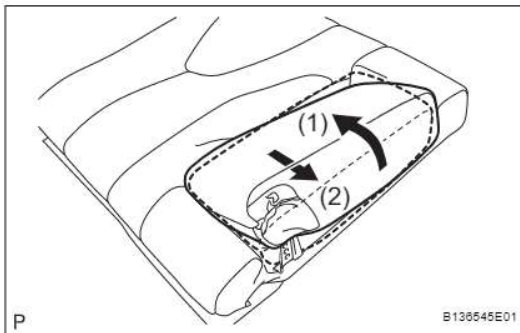


SE-50**SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)****3. REMOVE REAR SEAT BACK HINGE COVER**

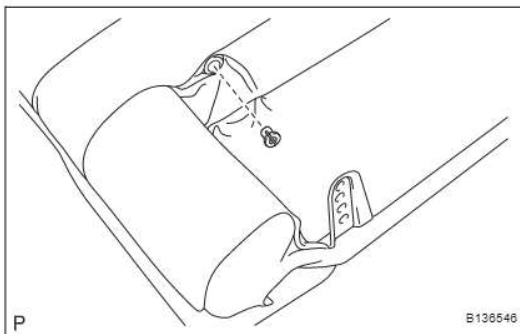
(a) Remove the bolt and bush.



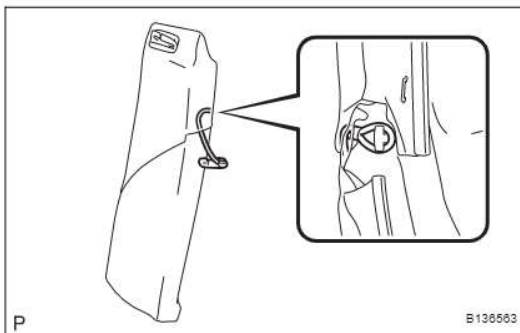
(b) Remove the rear seat back hinge cover.

**4. REMOVE REAR CENTER SEAT ARMREST ASSEMBLY**

(a) Remove the rear center seat armrest assembly as shown in the illustration.



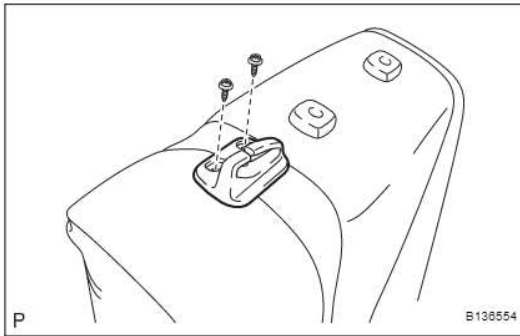
(b) Remove the bush.

**5. REMOVE REAR SEAT BELT HOOK**

(a) Remove the rear seat belt hook.

HINT:

Use the same procedures for the RH side and LH side.

SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)**SE-51****6. REMOVE REAR SEAT SHOULDER BELT GUIDE LH**

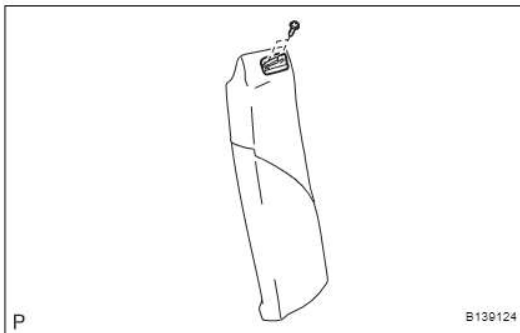
(a) Seat Back:

- (1) Remove the 2 screws and rear seat shoulder belt guide LH.

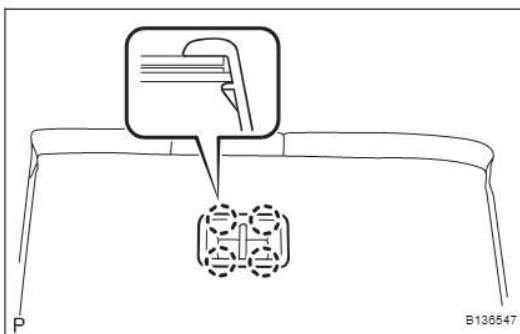


(b) Side Seat Back:

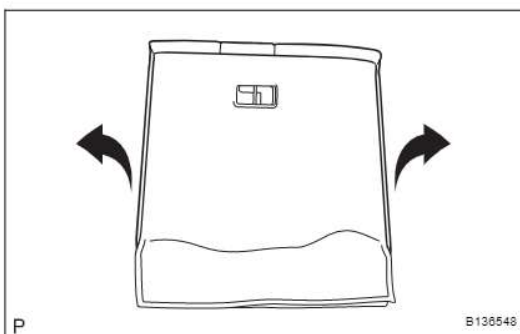
- (1) Remove the 2 screws and rear seat shoulder belt guide LH.

**7. REMOVE REAR SEAT SHOULDER BELT GUIDE RH**

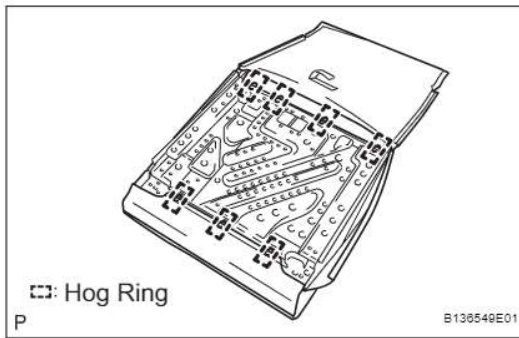
- (a) Remove the 2 screws and rear seat shoulder belt guide RH.

**8. REMOVE REAR SEAT BACK LOCK BEZEL UPPER (for RH Side)**

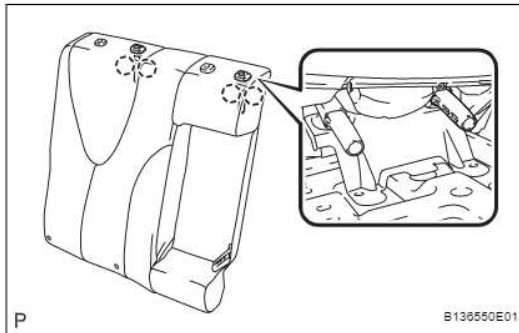
- (a) Disengage the 4 claws and remove the rear seat back lock bezel upper.

**9. REMOVE REAR SEAT HEADREST SUPPORT (for RH Side)**

- (a) Disengage the 2 hooks and separate the rear separate type seat back cover.

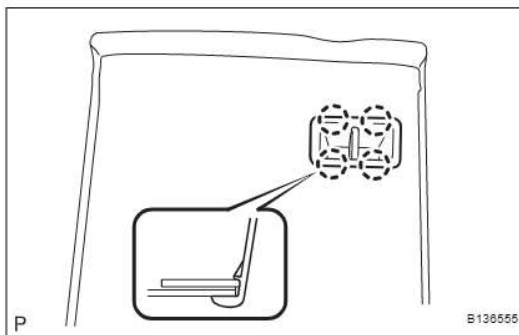
SE-52**SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)**

(b) Remove the 7 hog rings.



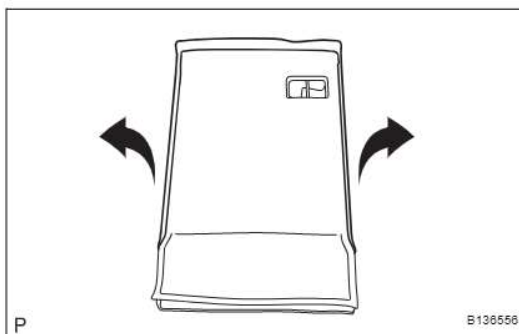
(c) Disengage the 4 claws and remove the 2 rear seat headrest supports.

10. REMOVE REAR SEAT HEADREST SUPPORT (for RH Side)



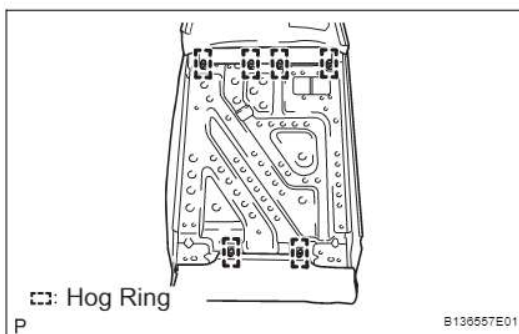
11. REMOVE REAR SEAT BACK LOCK BEZEL UPPER (for LH Side)

(a) Disengage the 4 claws and remove the rear seat back lock bezel upper.

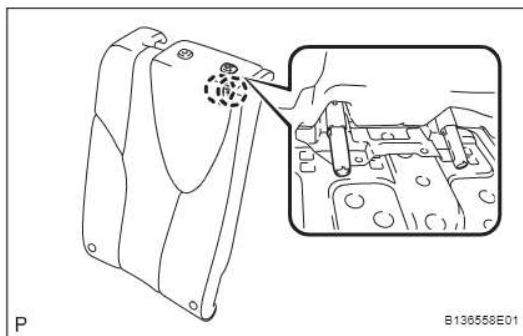


12. REMOVE REAR SEAT HEADREST SUPPORT (for LH Side)

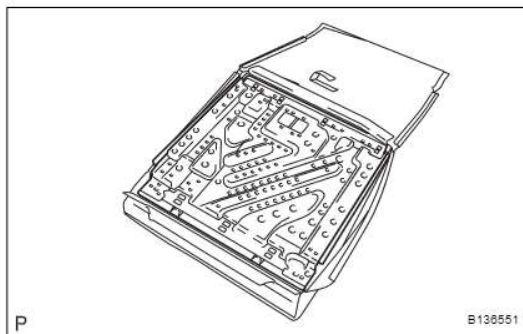
(a) Disengage the 2 hooks and separate the rear separate type seat back cover.



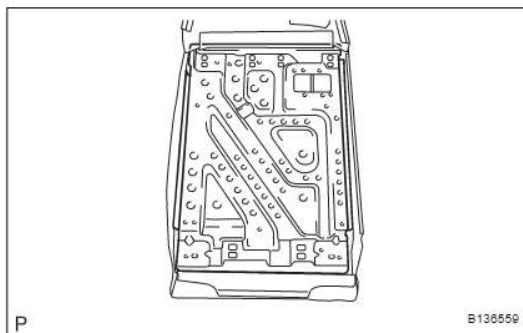
(b) Remove the 6 hog rings.

SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)**SE-53**

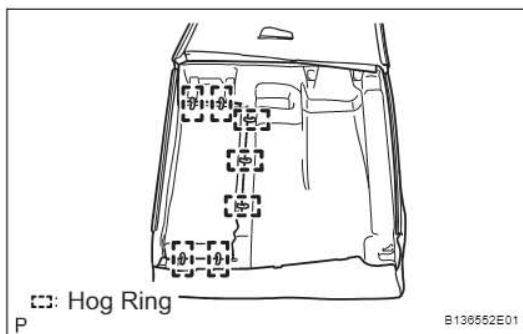
- (c) Disengage the 2 claws and remove the rear seat headrest support.

13. REMOVE REAR SEAT HEADREST SUPPORT (for LH Side)**14. REMOVE REAR SEAT BACK FRAME SUB-ASSEMBLY RH**

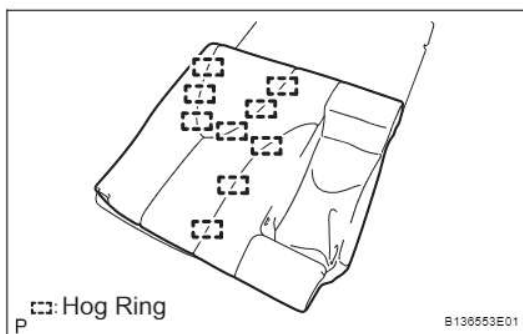
- (a) Remove the rear seat back frame sub-assembly RH.

**15. REMOVE REAR SEAT BACK FRAME SUB-ASSEMBLY LH**

- (a) Remove the rear seat back frame sub-assembly LH.

**16. REMOVE REAR SEPARATE TYPE SEAT BACK COVER (for RH Side)**

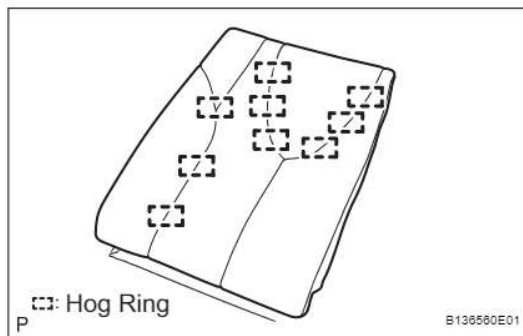
- (a) Remove the 7 hog rings.



- (b) Remove the 9 hog rings and rear separate type seat back cover.

SE-54

SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)



17. REMOVE REAR SEPARATE TYPE SEAT BACK COVER (for LH Side)

- (a) Remove the 9 hog rings and rear separate type seat back cover.

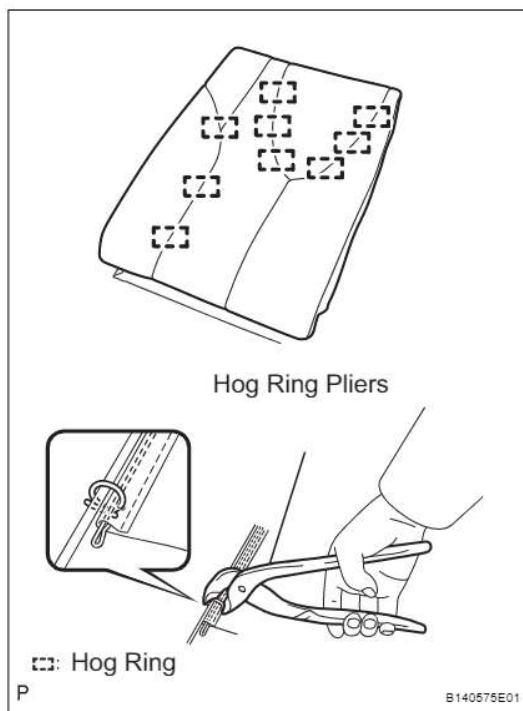
REASSEMBLY

1. INSTALL REAR SEPARATE TYPE SEAT BACK COVER (for LH Side)

- (a) Using hog ring pliers, install the rear separate type seat back cover with 9 new hog rings.

NOTICE:

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

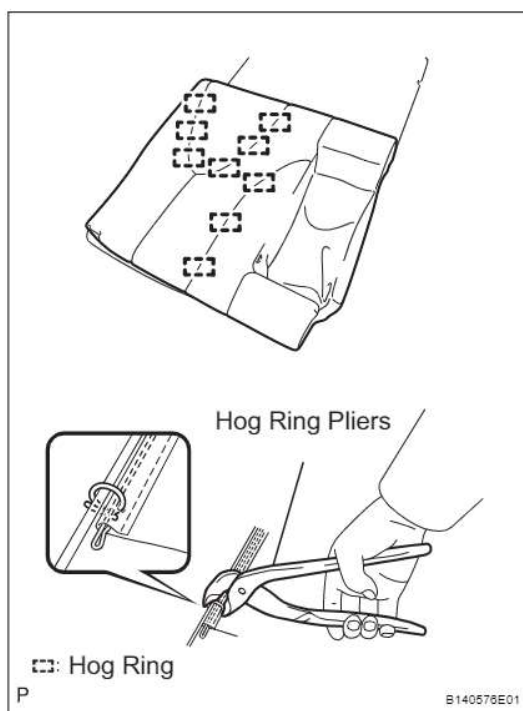


2. INSTALL REAR SEPARATE TYPE SEAT BACK COVER (for RH Side)

- (a) Using hog ring pliers, install the rear separate type seat back cover to the seat back pad with 9 new hog rings.

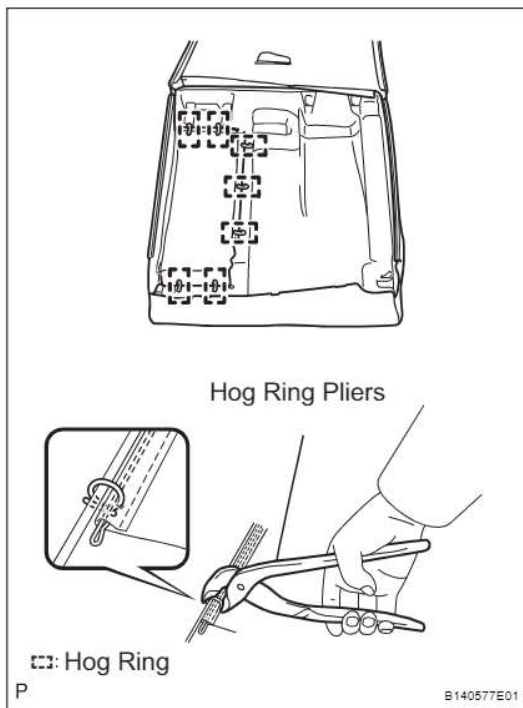
NOTICE:

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



SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)

SE-55



- (b) Using hog ring pliers, install the rear separate type seat back cover to the seat back pad with 7 new hog rings.

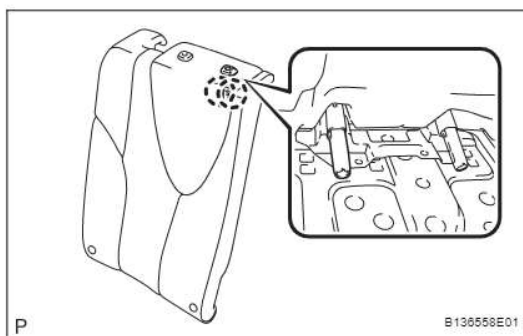
NOTICE:

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

3. INSTALL REAR SEAT BACK FRAME SUB-ASSEMBLY RH

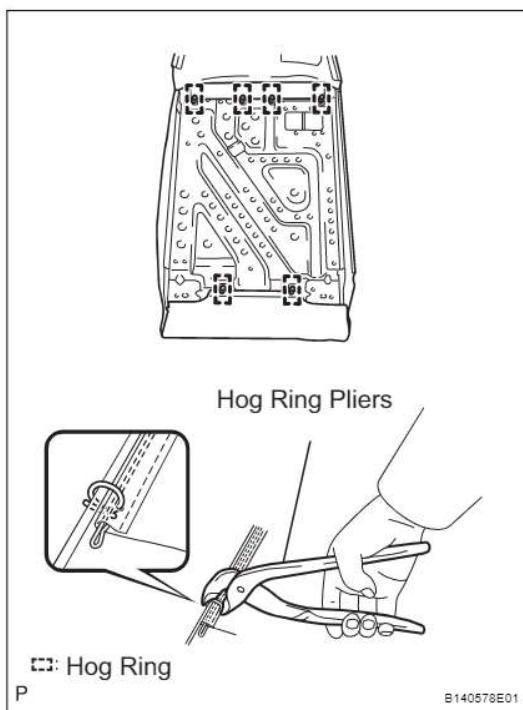
4. INSTALL REAR SEAT BACK FRAME SUB-ASSEMBLY LH

SE



5. INSTALL REAR SEAT HEADREST SUPPORT (for LH Side)

- (a) Engage the 2 claws to install the 2 front seat headrest supports.



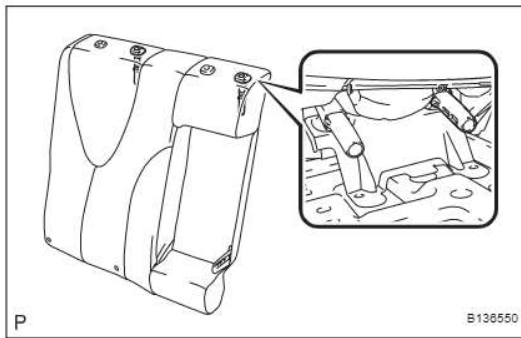
- (b) Using hog ring pliers, install the rear separate type seat back cover to the seat back frame with 6 new hog rings.

NOTICE:

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

SE-56

SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)

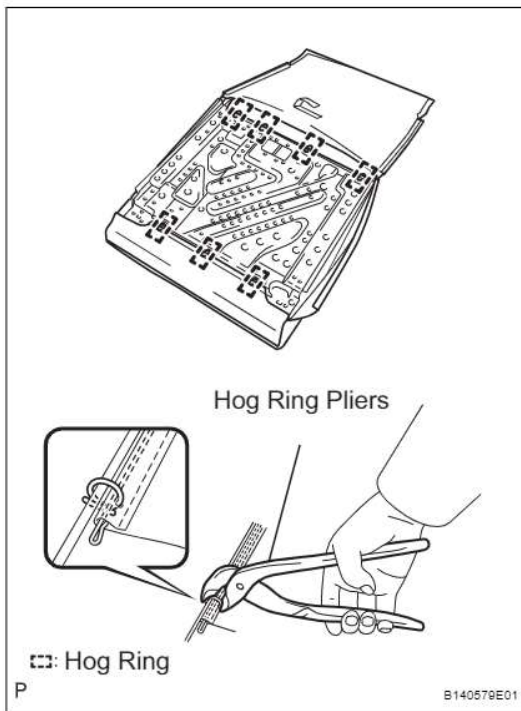
**6. INSTALL REAR SEAT HEADREST SUPPORT (for LH Side)**

- (a) Engage the 2 claws to install the 2 front seat headrest supports.

- (b) Using hog ring pliers, install the rear separate type seat back cover to the seat back frame with 7 new hog rings.

NOTICE:

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

7. INSTALL REAR SEAT BACK LOCK BEZEL UPPER**8. INSTALL REAR SEAT HEADREST SUPPORT (for RH Side)****9. INSTALL REAR SEAT HEADREST SUPPORT (for RH Side)****10. INSTALL REAR SEAT BACK LOCK BEZEL UPPER (for RH Side)****11. INSTALL REAR SEAT SHOULDER BELT GUIDE RH****12. INSTALL REAR SEAT SHOULDER BELT GUIDE LH****13. INSTALL REAR SEAT BELT HOOK****14. INSTALL REAR CENTER SEAT ARMREST ASSEMBLY****15. INSTALL REAR SEAT BACK HINGE COVER****16. INSTALL NO. 1 SEAT ARMREST CAP**

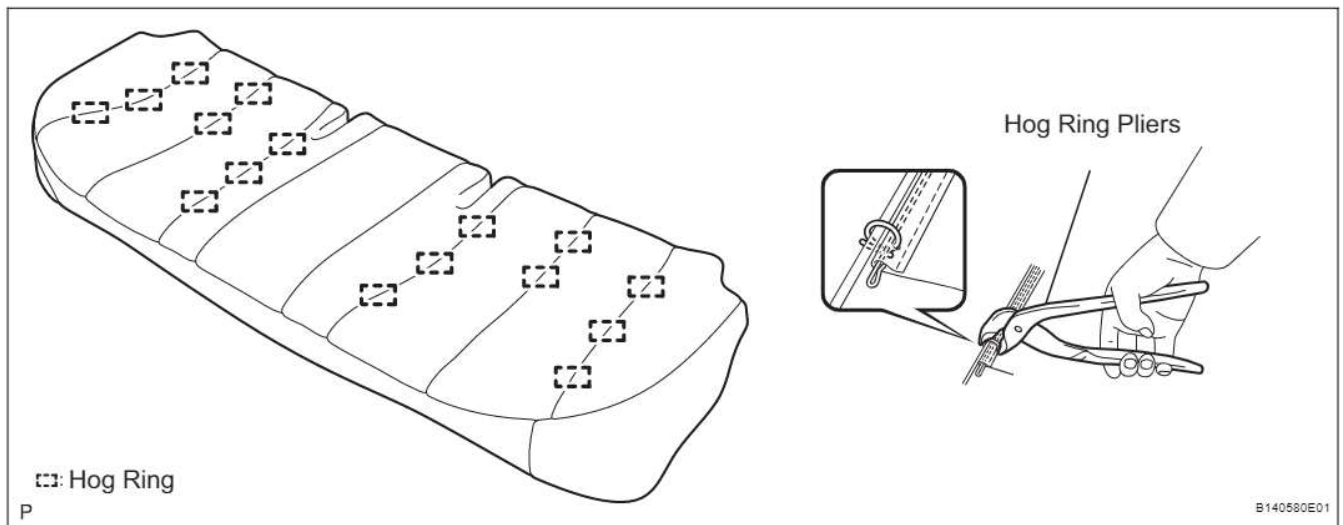
SE

SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)

SE-57

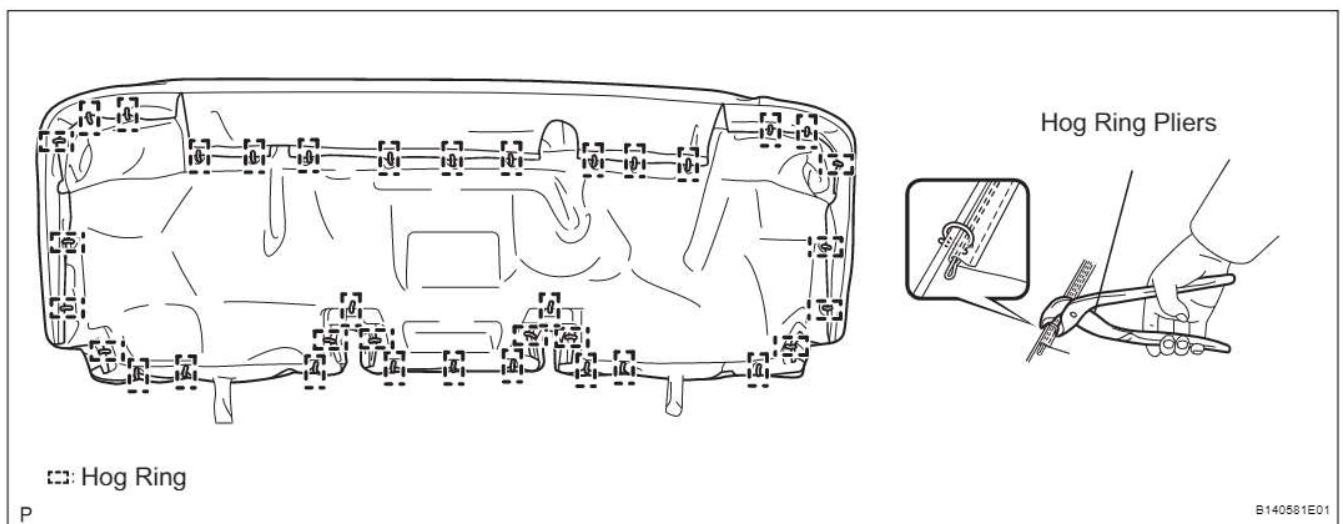
17. INSTALL REAR BENCH TYPE SEAT CUSHION COVER

(a) Using hog ring pliers, install 16 new hog rings.

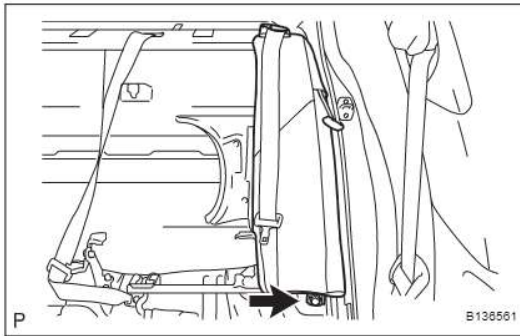
**NOTICE:**

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

(b) Using hog ring pliers, install the rear bench type seat cushion cover to the seat cushion pad with 36 new hog rings.

**NOTICE:**

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

SE-58**SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)****INSTALLATION****1. INSTALL REAR SIDE SEAT BACK ASSEMBLY LH**

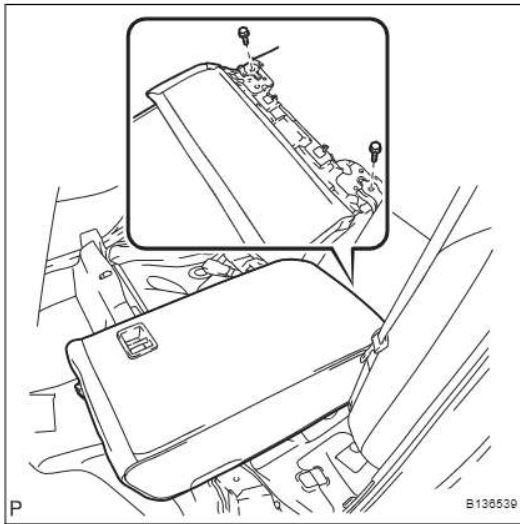
- (a) Install the rear side seat back assembly with the bolt.

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

2. INSTALL REAR SIDE SEAT BACK ASSEMBLY RH**3. INSTALL SEPARATE TYPE REAR SEAT BACK ASSEMBLY LH**

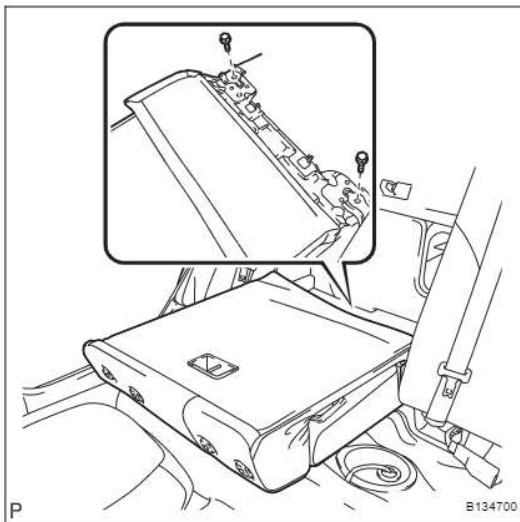
- (a) Install the separate type rear seat back assembly with the 2 bolts.

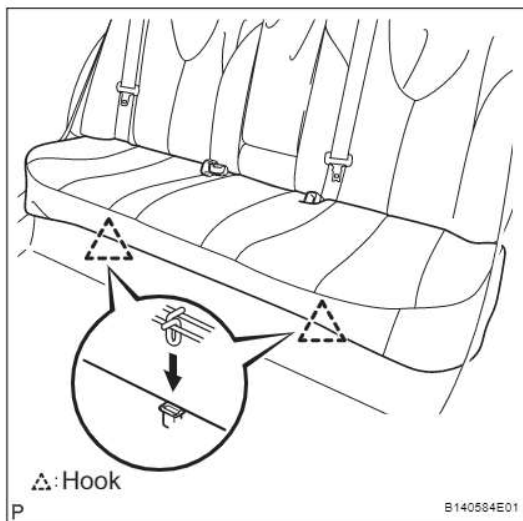
Torque: 18 N*m (184 kgf*cm, 13 ft.*lbf)

**4. INSTALL SEPARATE TYPE REAR SEAT BACK ASSEMBLY RH**

- (a) Install the separate type rear seat back assembly with the 2 bolts.

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

5. INSTALL REAR CENTER SEAT HEADREST ASSEMBLY**6. INSTALL REAR SEAT HEADREST ASSEMBLY****SE**

SEAT – REAR SEAT ASSEMBLY (for Fold Down Seat Type)**SE-59****7. INSTALL REAR SEAT CUSHION ASSEMBLY**

- (a) Attach the front hooks of the bench type rear seat cushion assembly to the vehicle body.
- (b) Confirm that the seat cushion is firmly installed.

NOTICE:

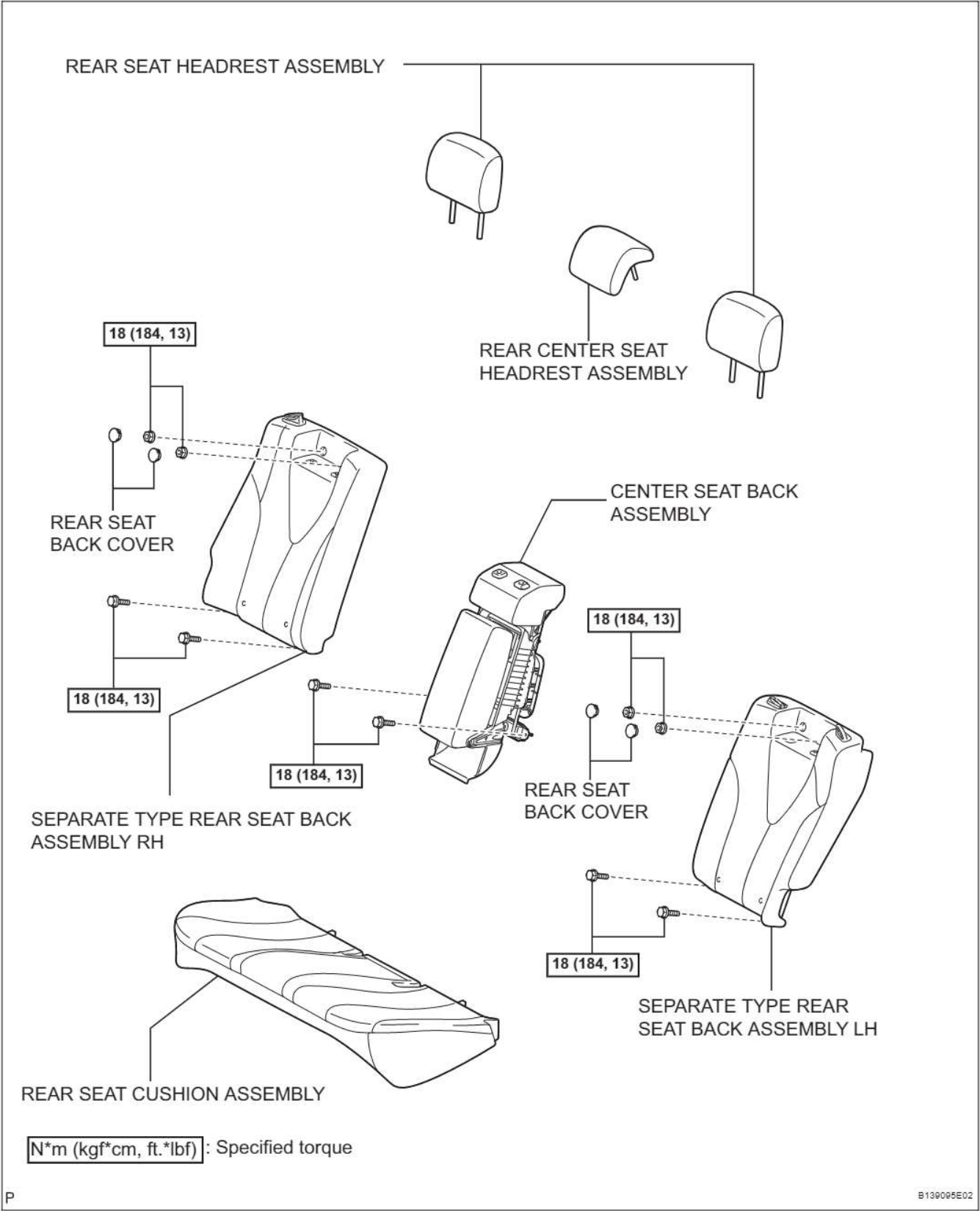
When installing the bench type rear seat cushion assembly, make sure that the seat belt buckle is not under the bench type rear seat cushion assembly.

SE

SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)

REAR SEAT ASSEMBLY (for Reclining Seat Type)
COMPONENTS

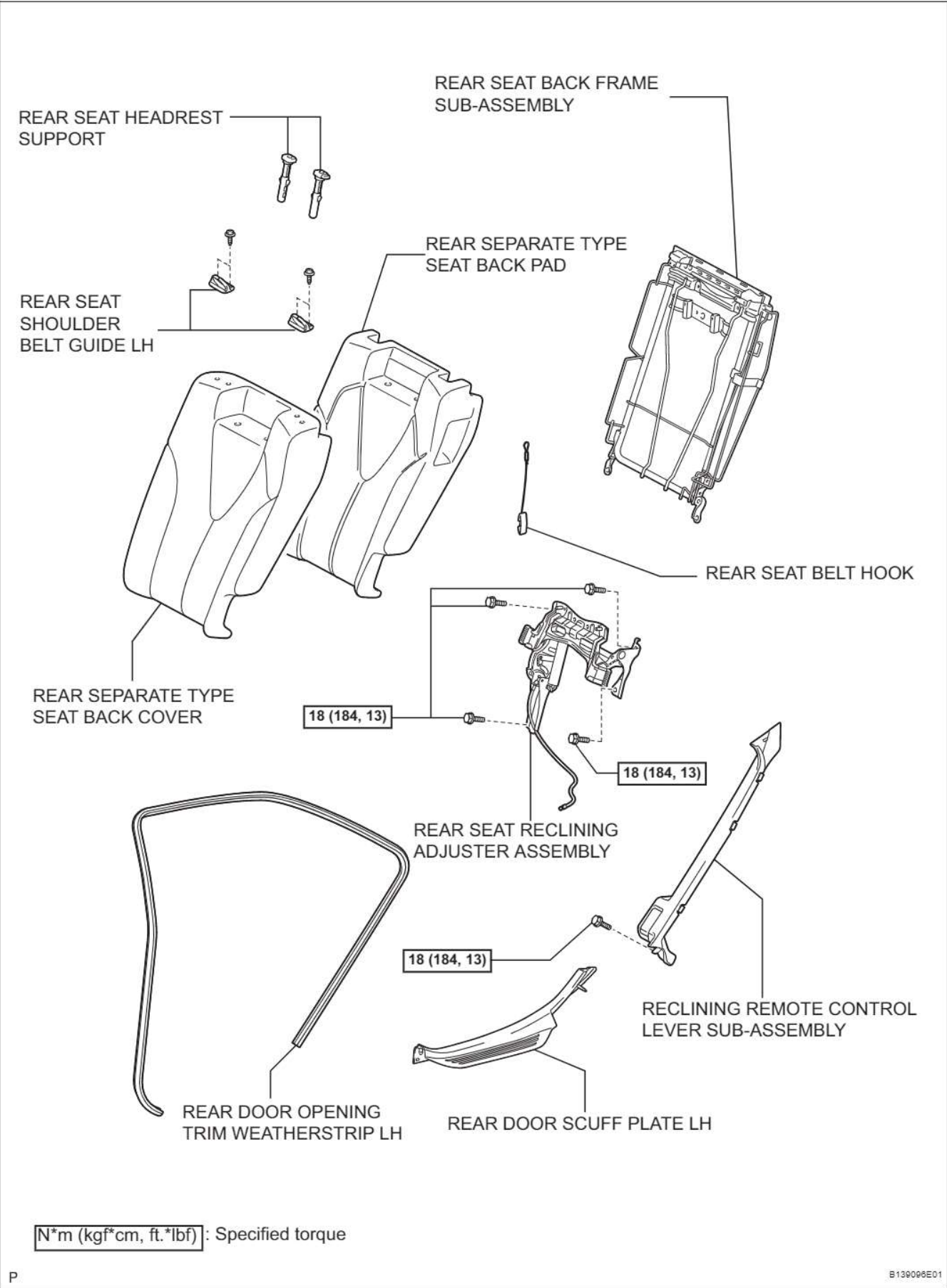
SE



SE-60

SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)

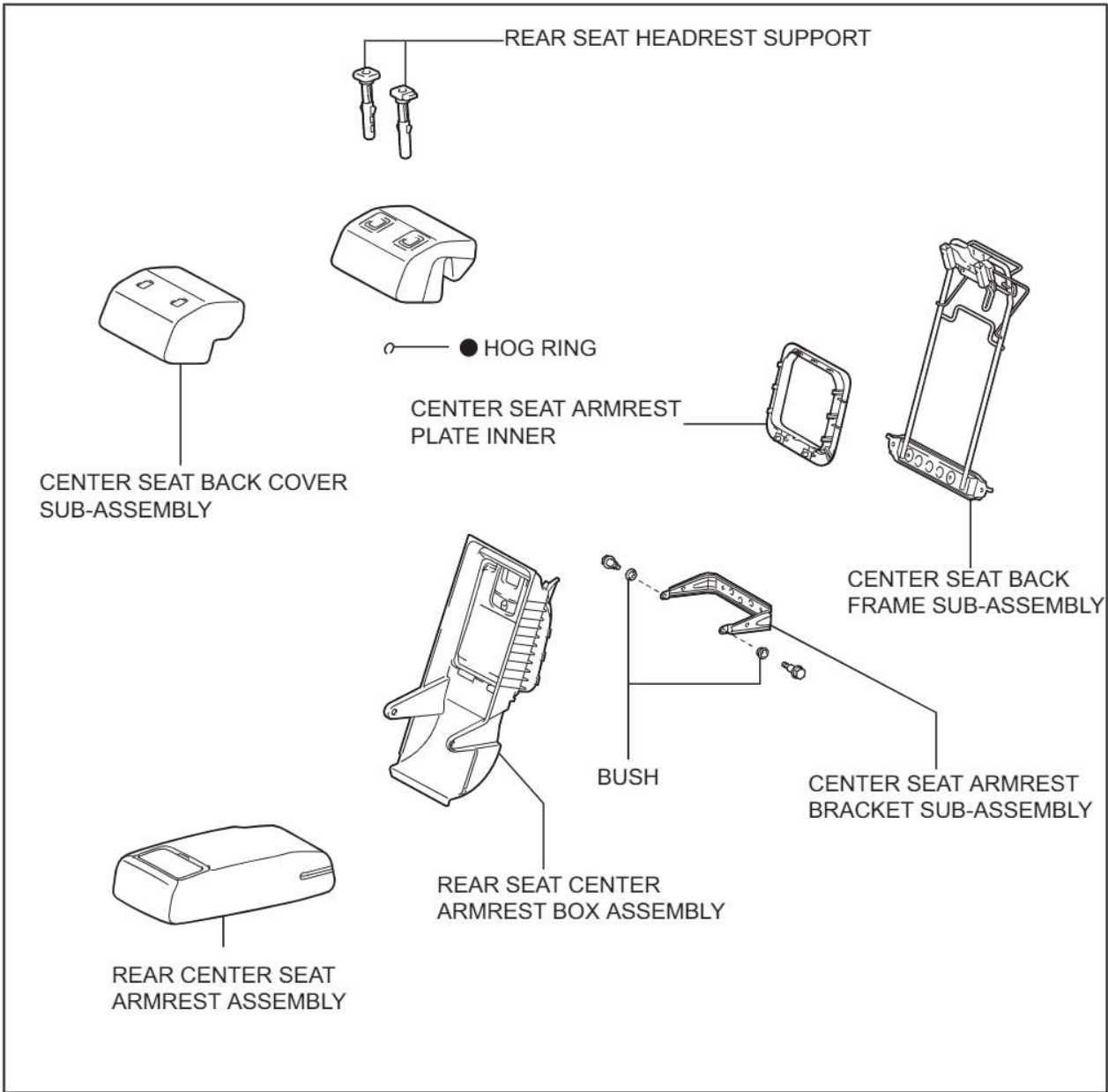
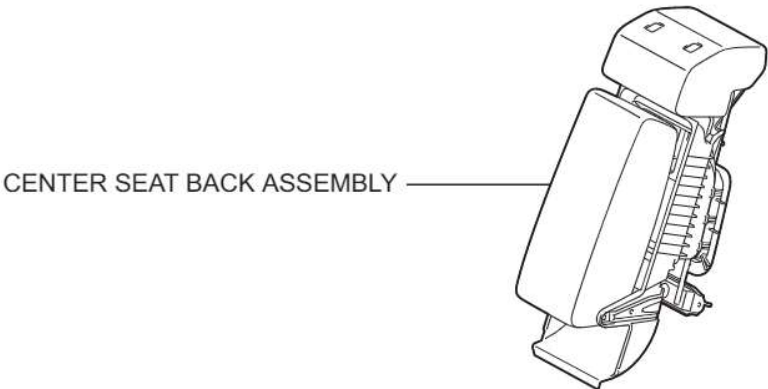
SE



SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)

SE-61

SE



● Non-reusable part

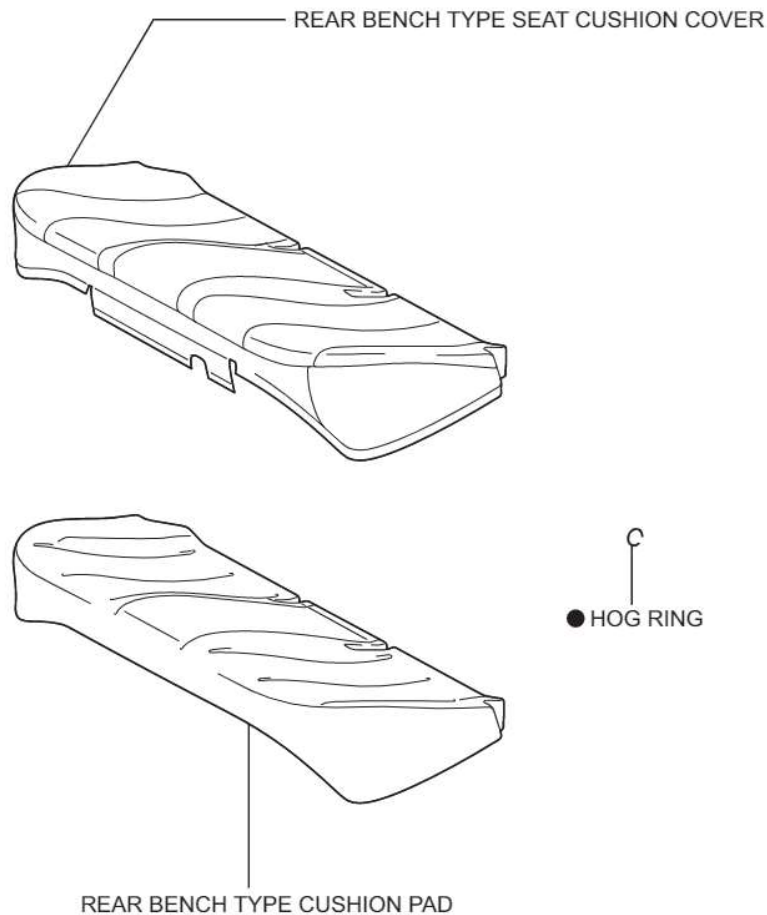
P

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SE-62

SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)

SE



● Non-reusable part

P

B138587E01

REMOVAL

1. REMOVE REAR SEAT CUSHION ASSEMBLY

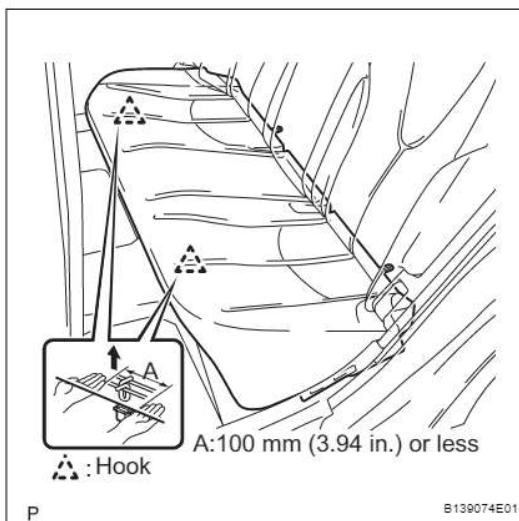
- (a) Detach the 2 front hooks of the seat cushion from the vehicle body.

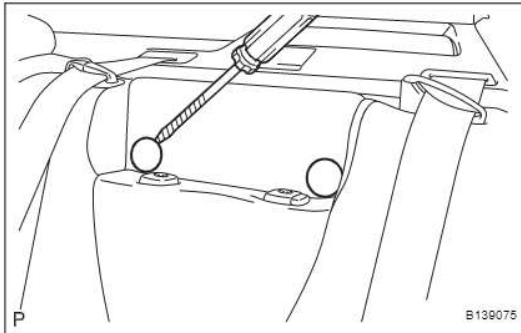
NOTICE:

Follow the instructions below carefully as the cushion frame can be deformed easily.

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

2. REMOVE REAR SEAT HEADREST ASSEMBLY

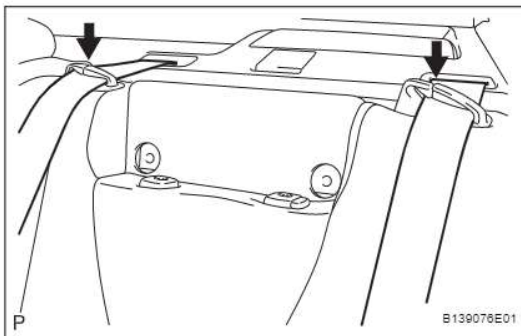


SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)**SE-63****3. REMOVE REAR CENTER SEAT HEADREST ASSEMBLY****4. REMOVE REAR SEAT BACK COVER**

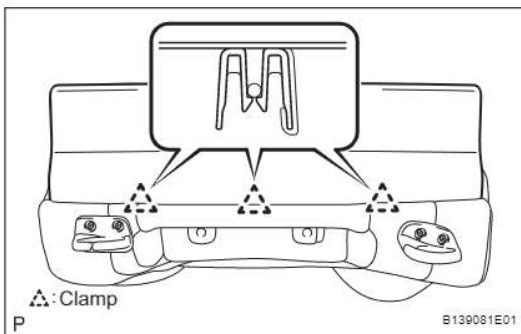
- (a) Using a screwdriver, detach the claws and remove the 2 rear seat back covers.

NOTICE:

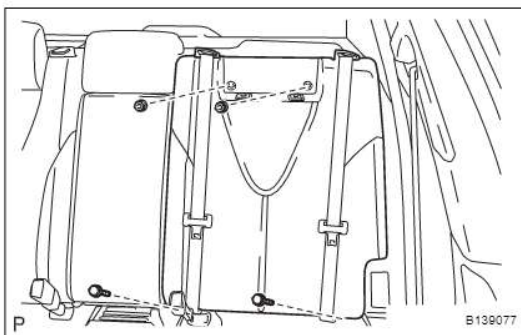
- Tape the screwdriver tip before use.
- Use the same procedures for the RH side and LH side.

**5. REMOVE SEPARATE TYPE REAR SEAT BACK ASSEMBLY LH**

- (a) Separate the 2 rear seat belts.

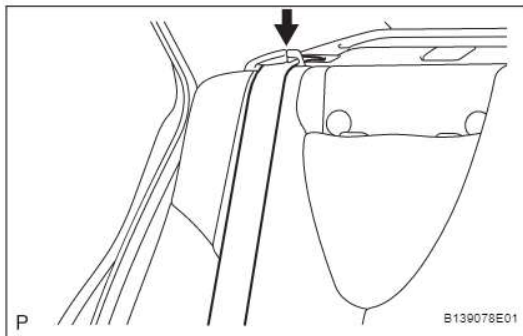


- (b) Disengage the 3 clamps and then separate the cover.

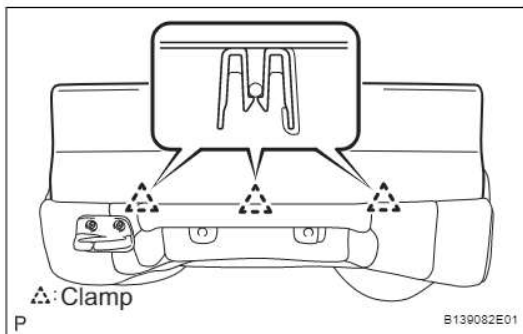


- (c) Remove the 2 bolts and 2 nuts and separate type rear seat back assembly LH.

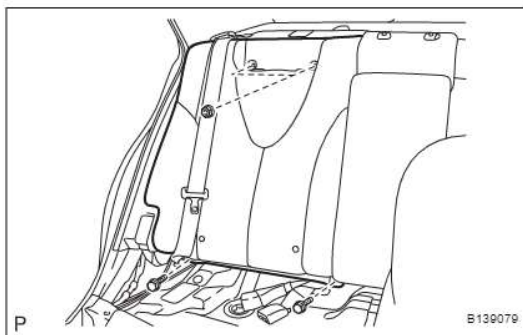
SE

SE-64**SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)****6. REMOVE SEPARATE TYPE REAR SEAT BACK ASSEMBLY RH**

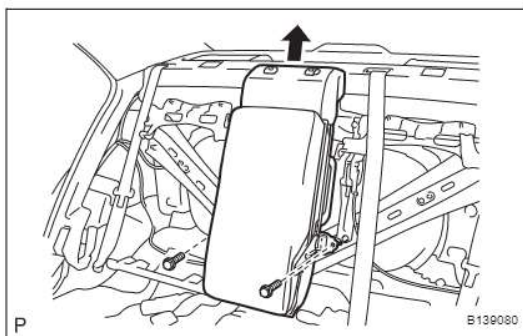
(a) Separate the rear seat belt.



(b) Disengage the 3 clamps and then separate the cover.



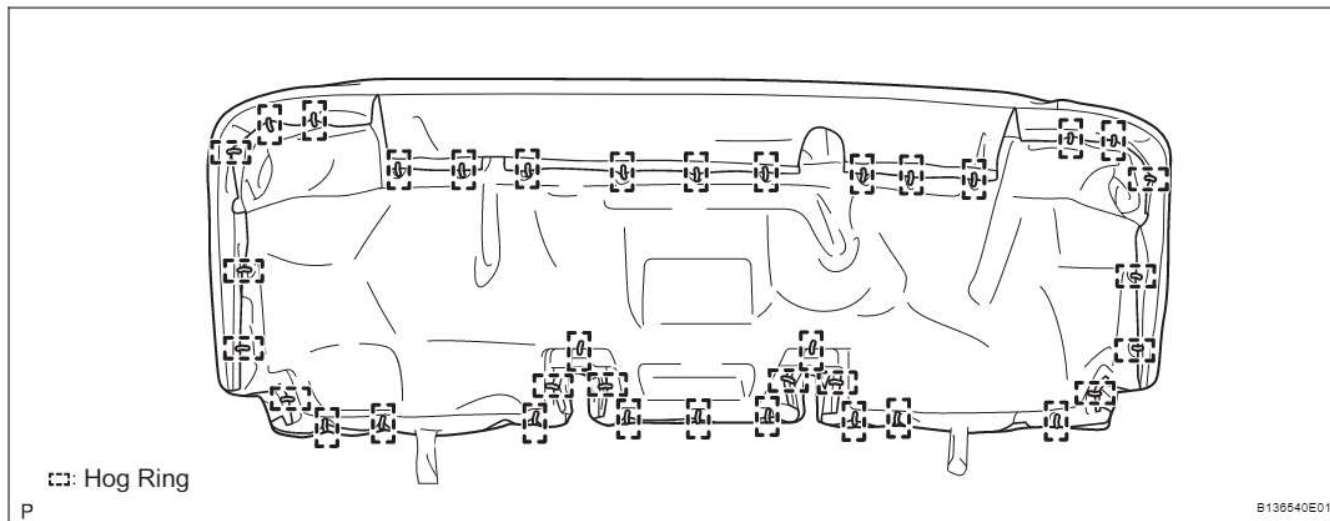
(c) Remove the 2 bolts and 2 nuts and separate type rear seat back assembly RH.

**7. REMOVE CENTER SEAT BACK ASSEMBLY**

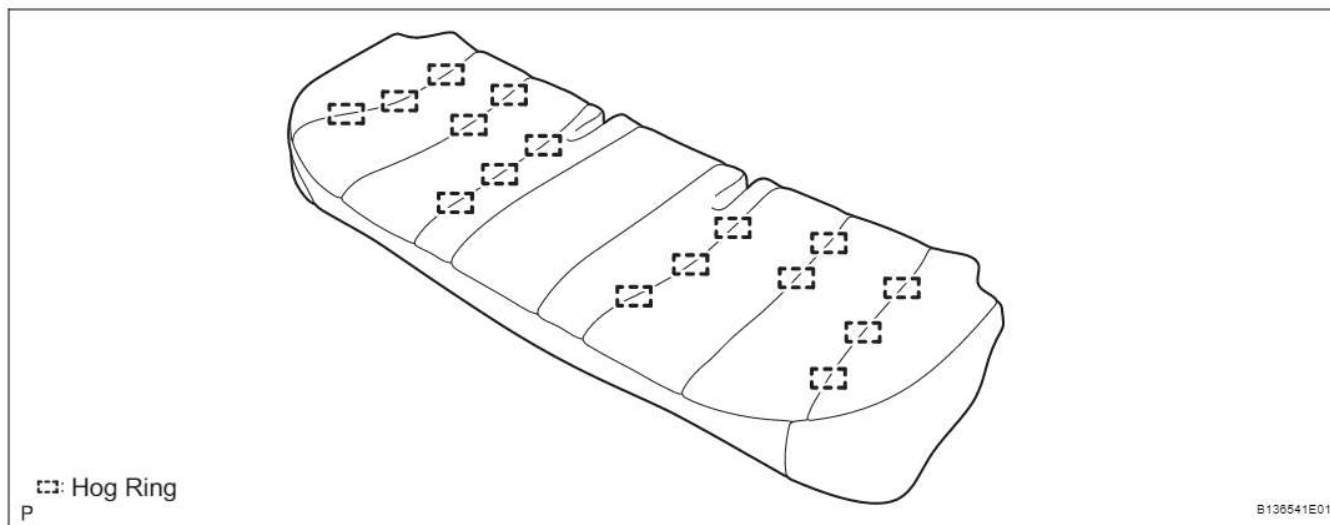
(a) Remove the 2 bolts and center seat back assembly.

SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)**SE-65****DISASSEMBLY****1. REMOVE REAR BENCH TYPE SEAT CUSHION COVER**

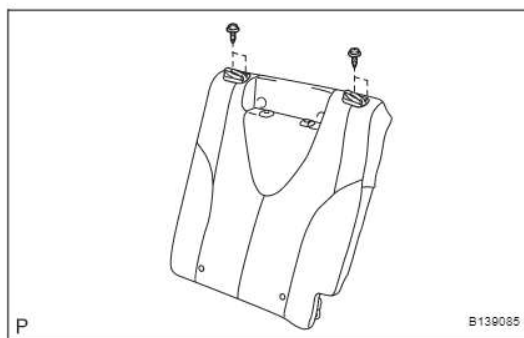
- (a) Remove the 36 hog rings.

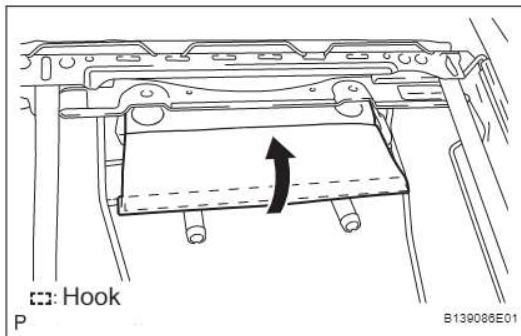


- (b) Remove the 16 hog rings and rear bench type seat cushion cover.

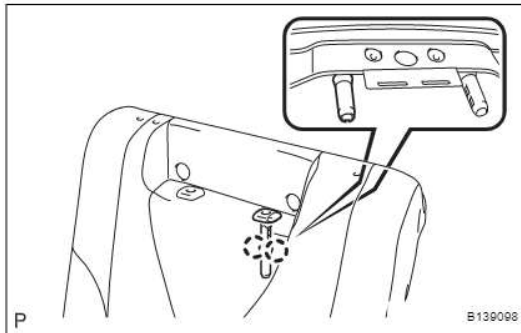
**2. REMOVE REAR SEAT SHOULDER BELT GUIDE LH**

- (a) Remove the 4 screws and 2 rear seat shoulder belt guides LH.

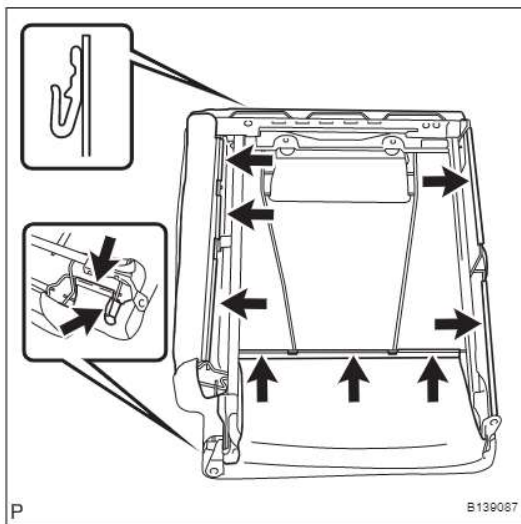


SE-66**SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)****3. REMOVE REAR SEAT HEADREST SUPPORT (for LH Side)**

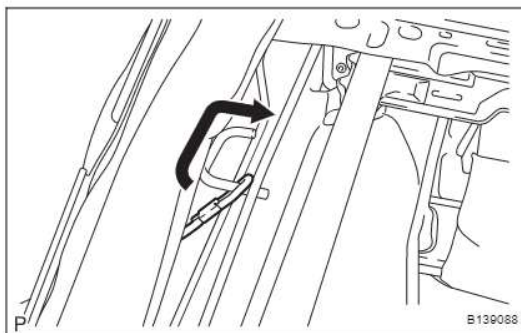
(a) Disengage the hook.



(b) Disengage the 2 claws and remove the rear seat headrest support.

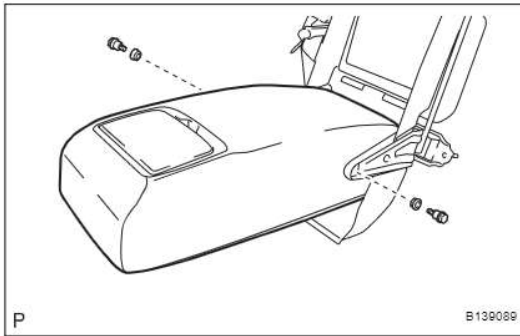
4. REMOVE REAR SEAT HEADREST SUPPORT (for LH Side)**5. REMOVE REAR SEPARATE TYPE SEAT BACK COVER**

(a) Disengage the hooks and remove the rear seat back assembly.

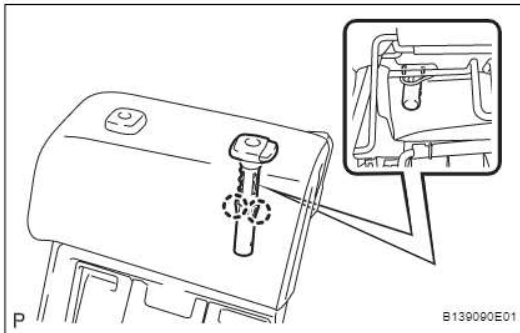


(b) Remove the rear seat belt hook.

(c) Remove the rear separate type seat back cover.

SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)**SE-67****6. REMOVE REAR CENTER SEAT ARMREST ASSEMBLY**

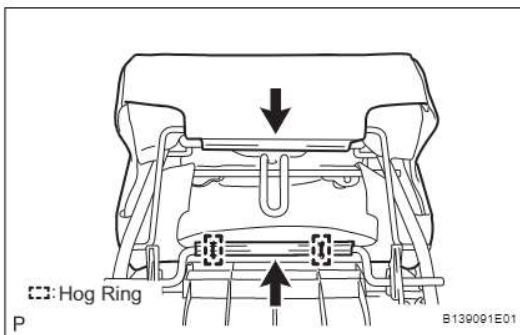
- (a) Remove the 2 bolts and 2 bushes.
- (b) Remove the rear center seat armrest assembly.

**7. REMOVE REAR SEAT HEADREST SUPPORT**

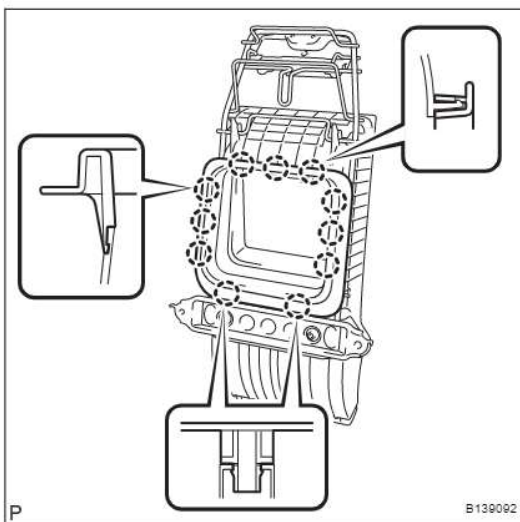
- (a) Disengage the 2 claws and remove the rear seat headrest support.

8. REMOVE REAR SEAT HEADREST SUPPORT**HINT:**

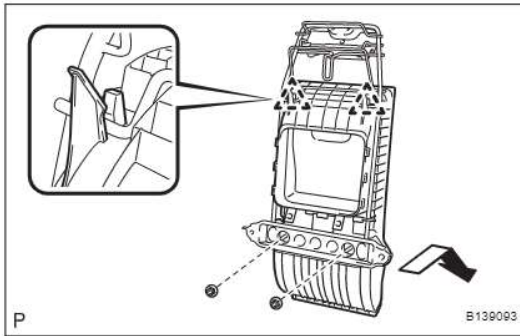
Use the same procedures for the RH side and LH side.

**9. REMOVE CENTER SEAT BACK COVER SUB-ASSEMBLY**

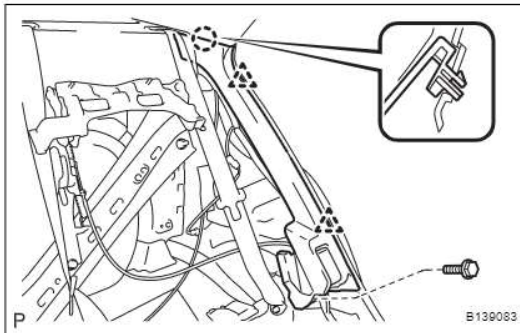
- (a) Remove the 2 hog rings.
- (b) Disengage the hooks and remove the center seat back cover sub-assembly.

**10. REMOVE CENTER SEAT ARMREST PLATE INNER**

- (a) Disengage the 11 claws and then remove the center seat armrest plate inner.

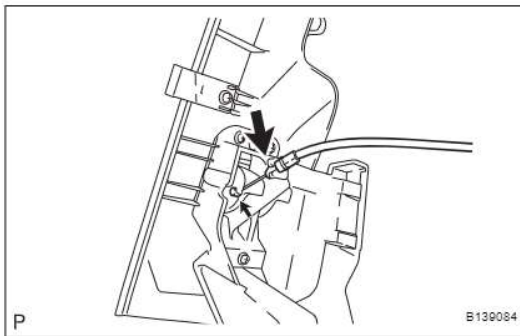
SE-68**SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)****11. REMOVE REAR SEAT CENTER ARMREST BOX ASSEMBLY**

- (a) Remove the 2 nuts.
- (b) Disengage the 2 claws and then remove the rear seat center armrest box assembly.

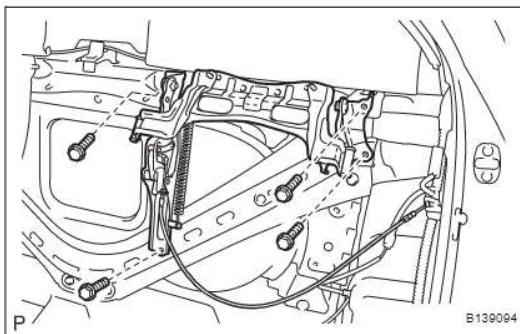
12. REMOVE REAR DOOR SCUFF PLATE LH (See page IR-24)**13. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP LH****14. REMOVE RECLINING REMOTE CONTROL LEVER SUB-ASSEMBLY**

- (a) Remove the bolt.
- (b) Disengage the 2 clips and the claw and then separate the reclining remote control lever sub-assembly.

- (c) Separate the rear seat reclining control cable and remove the reclining remote control lever sub-assembly.

**15. REMOVE REAR SEAT RECLINING ADJUSTER ASSEMBLY**

- (a) Remove the 4 bolts and rear seat reclining adjuster assembly.



REASSEMBLY

HINT:

A bolt without a torque specification is shown in the standard bolt chart. (See page [SS-2](#))

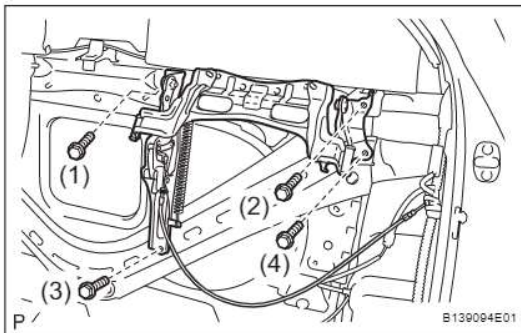
1. INSTALL REAR SEAT RECLINING ADJUSTER ASSEMBLY

- (a) Install the rear seat reclining adjuster assembly with the 4 bolts.

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

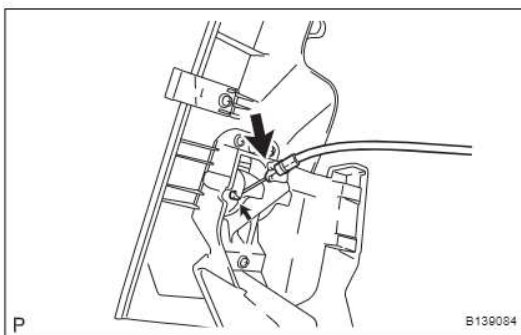
NOTICE:

Tighten the bolts in the order shown in the illustration to install the rear seat reclining adjuster assembly.



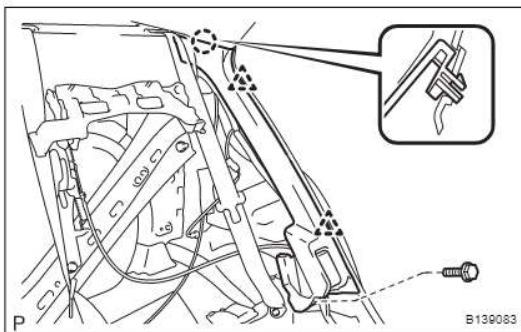
2. INSTALL RECLINING REMOTE CONTROL LEVER SUB-ASSEMBLY

- (a) Install the rear seat reclining control cable.



- (b) Engage the 2 clips and claw and then install the reclining remote control lever sub-assembly.
(c) Install the bolt.

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



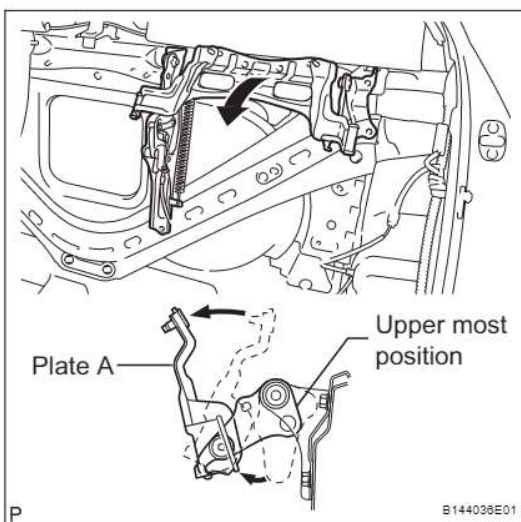
- (d) Adjust the control lever to set the rear reclining adjuster assembly to its upper most position.
(e) Pull plate A toward the front of the vehicle to lock the plate.

3. INSTALL REAR DOOR OPENING TRIM WEATHERSTRIP LH

4. INSTALL REAR DOOR SCUFF PLATE LH (See page [IR-56](#))

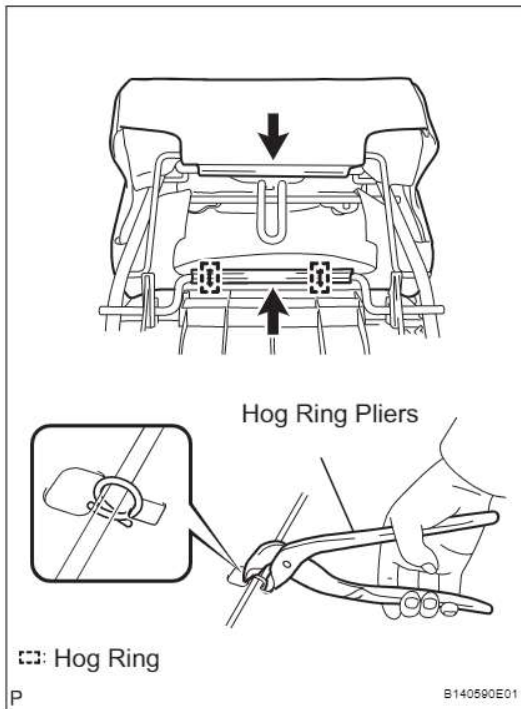
5. INSTALL REAR SEAT CENTER ARMREST BOX ASSEMBLY

6. INSTALL CENTER SEAT ARMREST PLATE INNER



SE-70

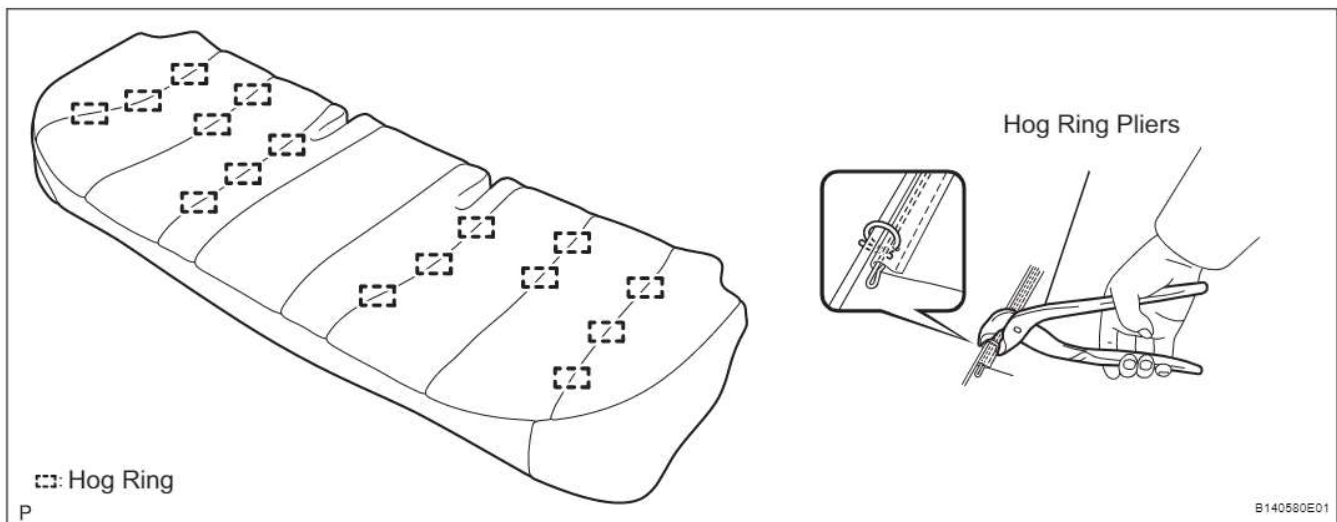
SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)

**7. INSTALL CENTER SEAT BACK COVER SUB-ASSEMBLY**

- (a) Install the center seat back cover sub-assembly with the hook.
- (b) Using hog ring pliers, install 2 new hog rings.

8. INSTALL REAR SEAT HEADREST SUPPORT**9. INSTALL REAR SEAT HEADREST SUPPORT****10. INSTALL REAR CENTER SEAT ARMREST ASSEMBLY****11. INSTALL REAR SEPARATE TYPE SEAT BACK COVER****12. INSTALL REAR SEAT HEADREST SUPPORT (for LH Side)****13. INSTALL REAR SEAT HEADREST SUPPORT (for LH Side)****14. INSTALL REAR BENCH TYPE SEAT CUSHION COVER**

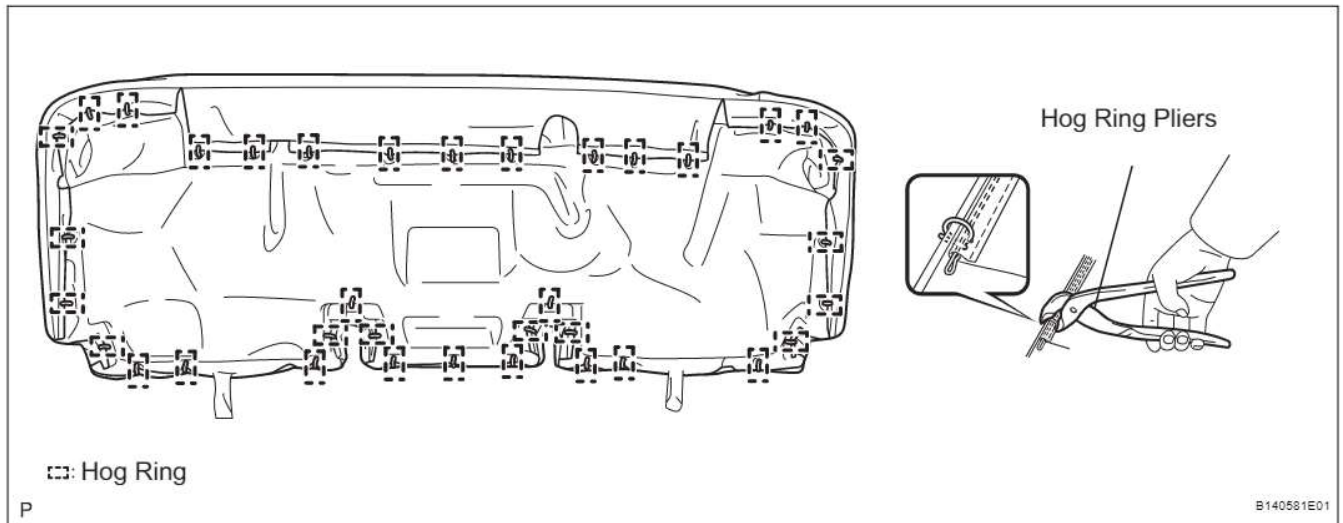
- (a) Using hog ring pliers, install 16 new hog rings.

**NOTICE:**

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

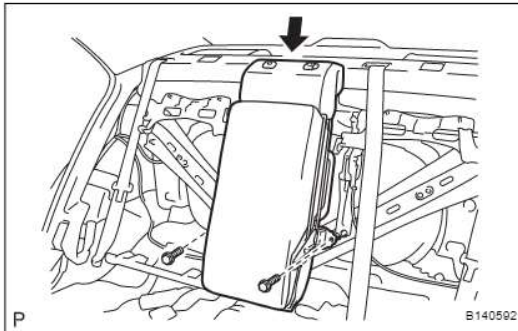
SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)**SE-71**

- (b) Using hog ring pliers, install the rear bench type seat cushion cover to the seat cushion pad with 36 new hog rings.

**INSTALLATION****1. INSTALL CENTER SEAT BACK ASSEMBLY**

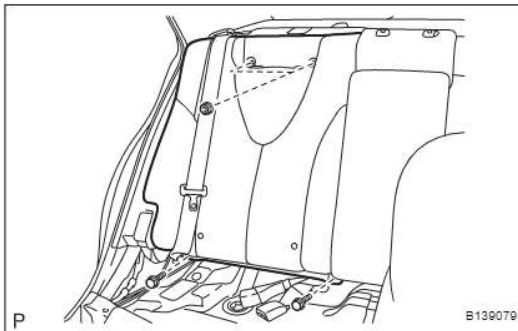
- (a) Install the center seat back assembly with the 2 bolts.

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

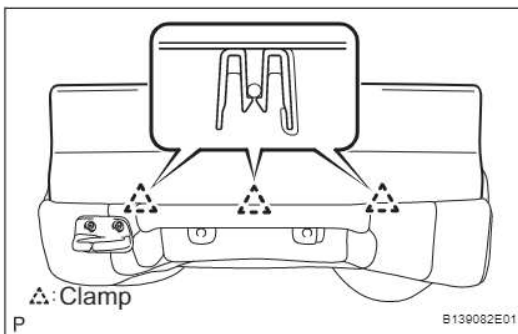
**2. INSTALL SEPARATE TYPE REAR SEAT BACK ASSEMBLY RH**

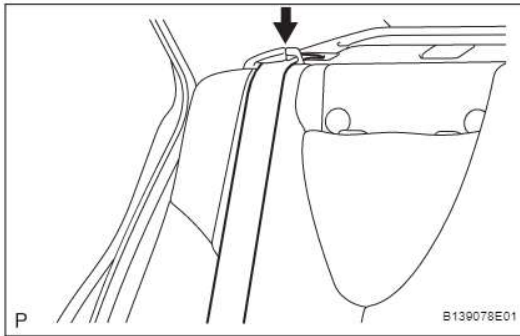
- (a) Install the separate type rear seat back assembly RH with the 2 bolts and 2 nuts.

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

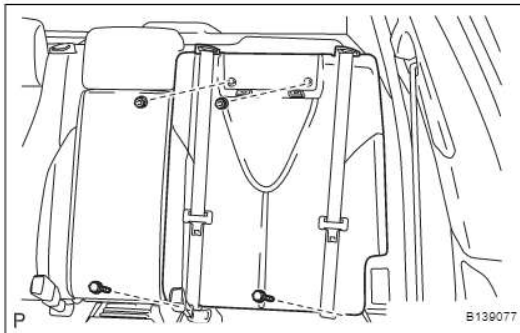


- (b) Engage the 3 clamps and install the cover.



SE-72**SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)**

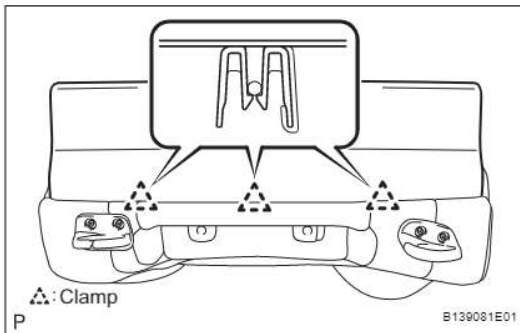
(c) Install the rear seat belt.

SE

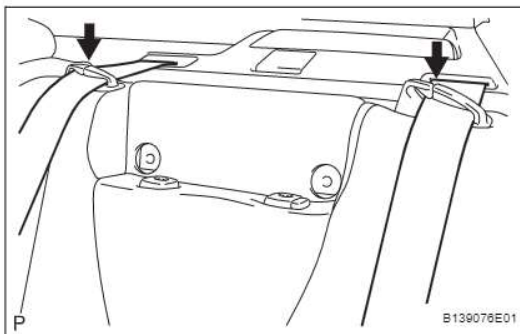
3. INSTALL SEPARATE TYPE REAR SEAT BACK ASSEMBLY LH

(a) Install the separate type rear seat back assembly LH with the 2bolts and 2 nuts.

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



(b) Engage the 3 clamps and install the cover.

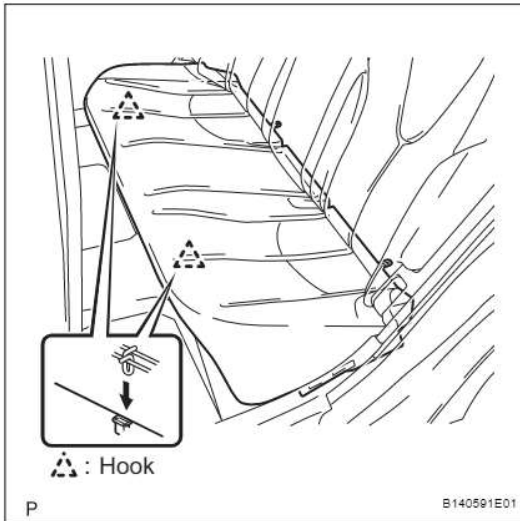


(c) Install the 2 rear seat belts.

4. INSTALL REAR SEAT BACK COVER

5. INSTALL REAR CENTER SEAT HEADREST ASSEMBLY

6. INSTALL REAR SEAT HEADREST ASSEMBLY

SEAT – REAR SEAT ASSEMBLY (for Reclining Seat Type)**SE-73****7. INSTALL REAR SEAT CUSHION ASSEMBLY**

- (a) Attach the front hooks of the bench type rear seat cushion assembly to the vehicle body.
- (b) Confirm that the seat cushion is firmly installed.

NOTICE:

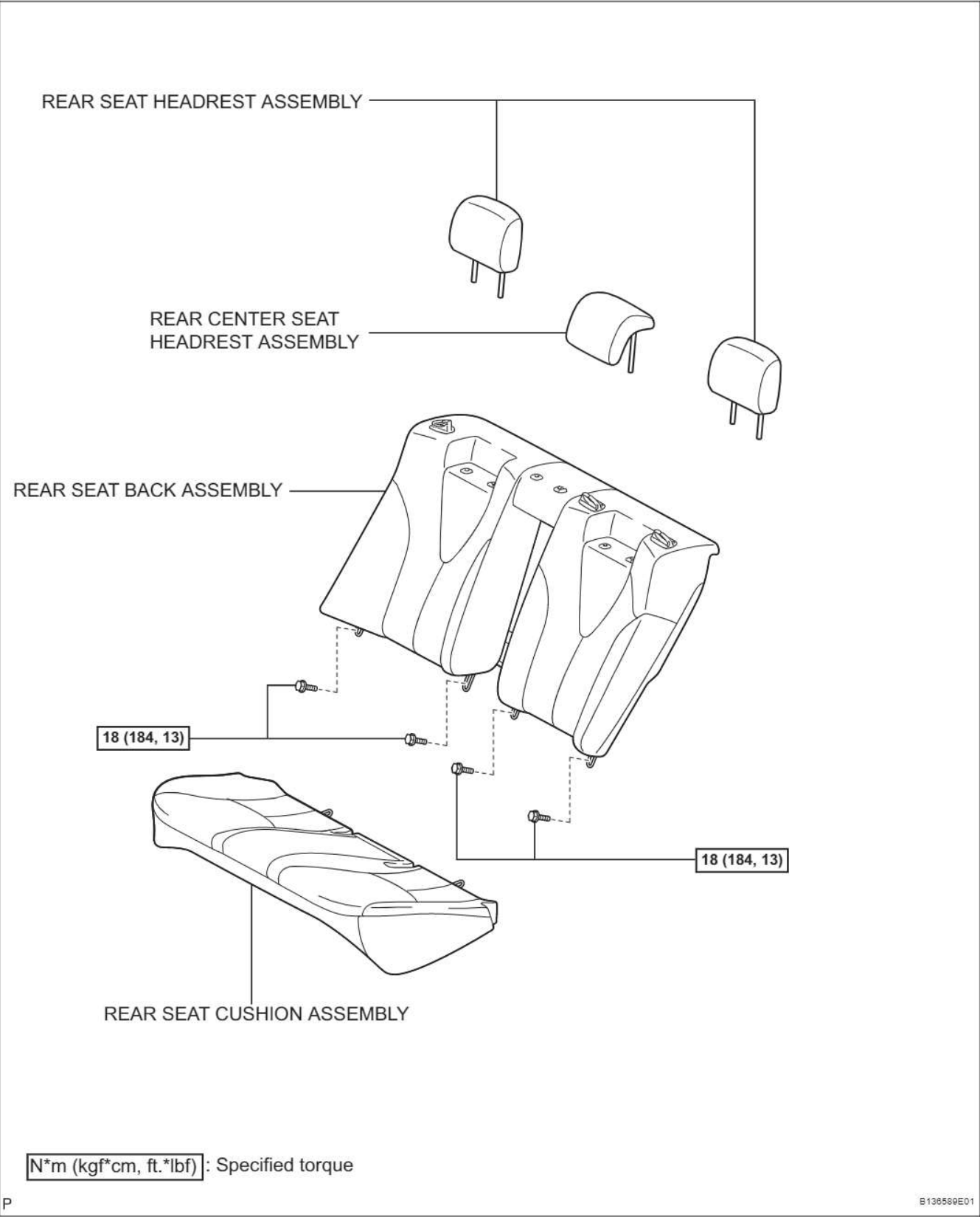
When installing the bench type rear seat cushion assembly, make sure that the seat belt buckle is not under the bench type rear seat cushion assembly.

SE

SE-74

SEAT – REAR SEAT ASSEMBLY (for Fixed Type)

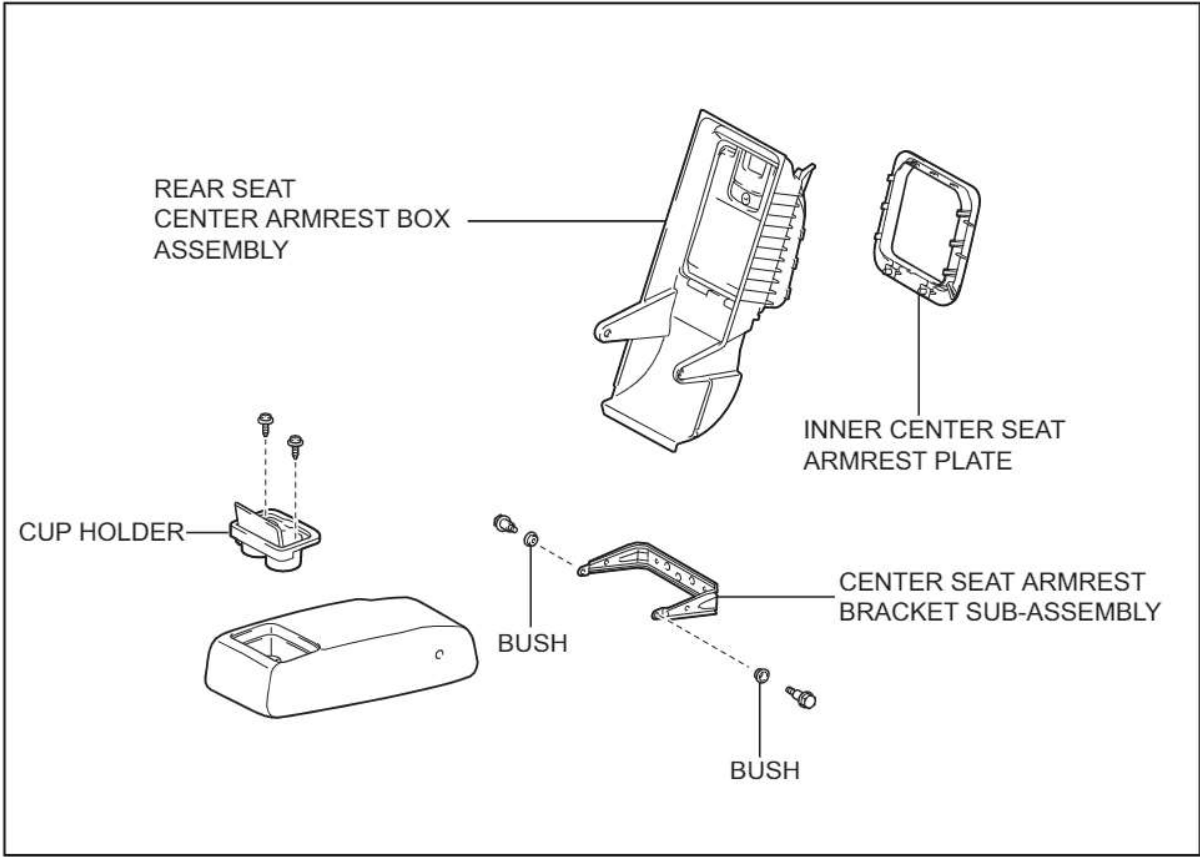
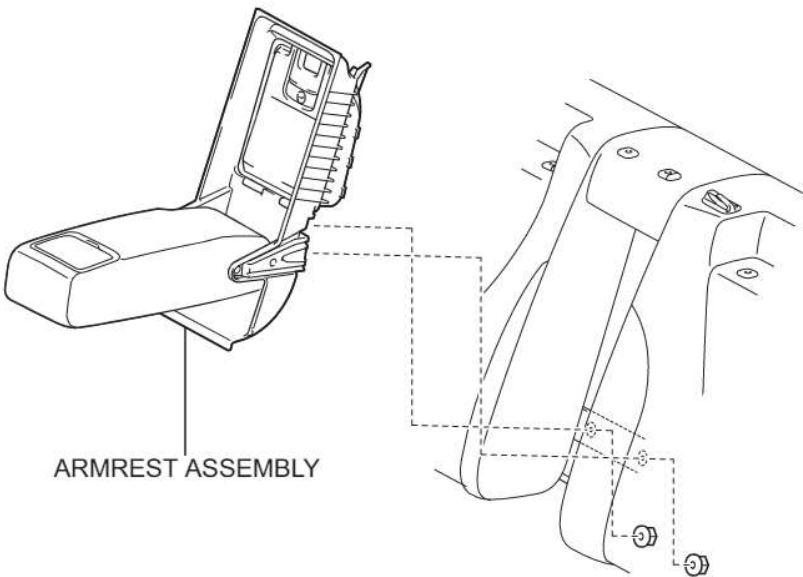
REAR SEAT ASSEMBLY (for Fixed Type)
COMPONENTS



SEAT – REAR SEAT ASSEMBLY (for Fixed Type)

SE-75

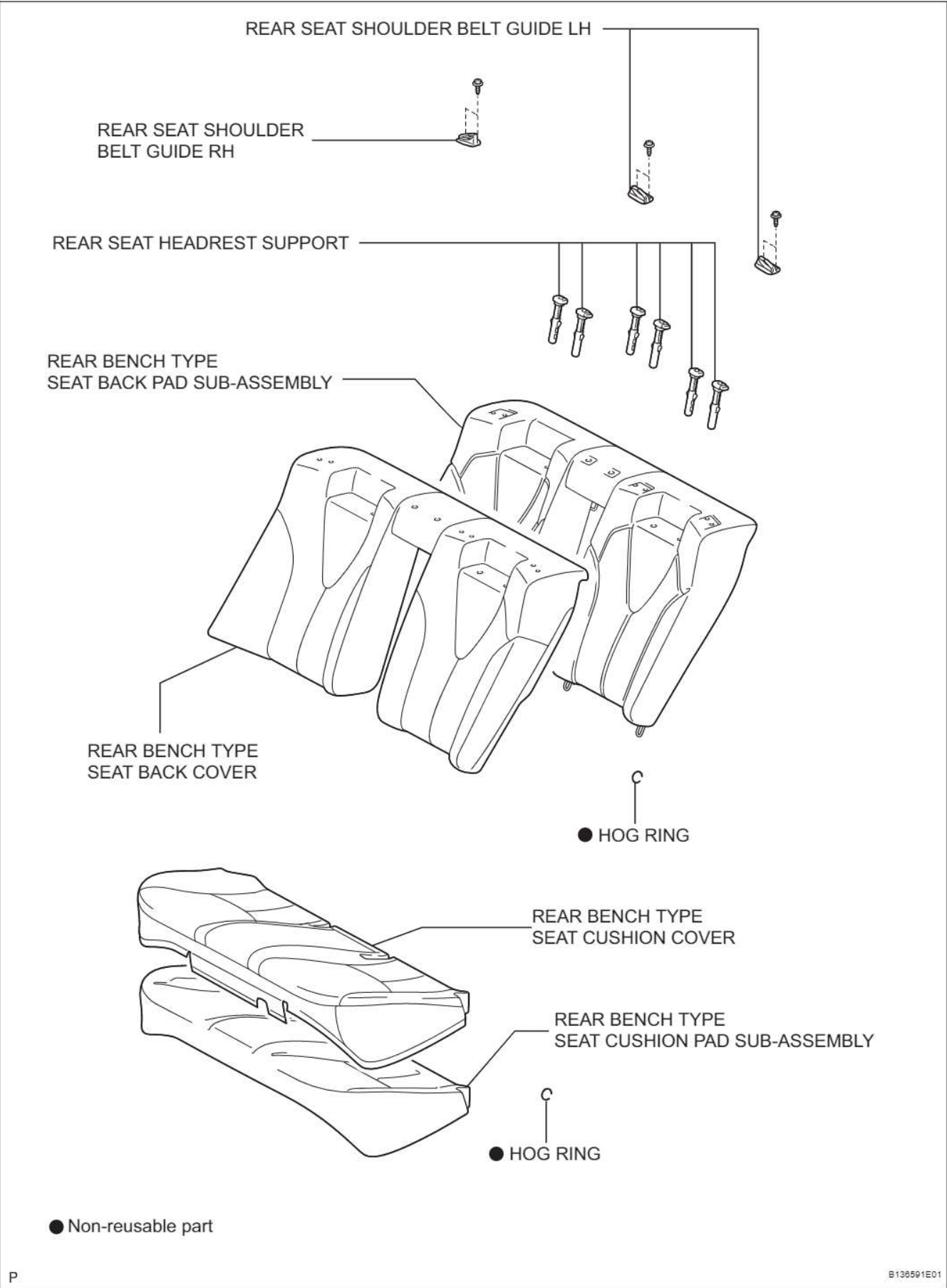
SE

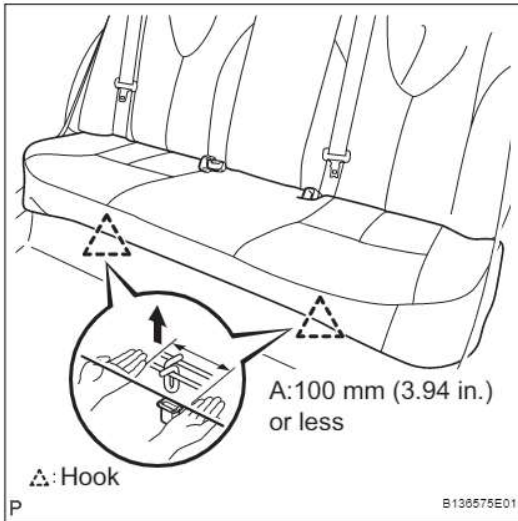


SE-76

SEAT – REAR SEAT ASSEMBLY (for Fixed Type)

SE



SEAT – REAR SEAT ASSEMBLY (for Fixed Type)**SE-77****REMOVAL****1. REMOVE REAR SEAT CUSHION ASSEMBLY**

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

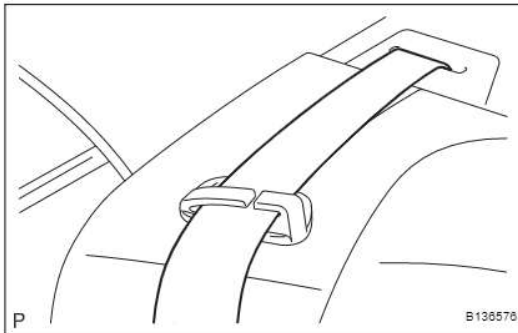
NOTICE:

Follow the instructions below carefully as the cushion frame can be deformed easily.

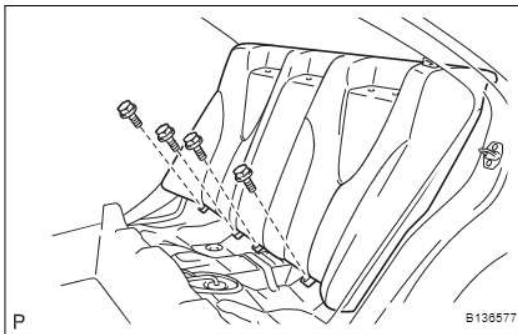
- (1) Choose a hook to detach first. Place your hands near the hook as shown in the illustration. Then lift the seat cushion to detach the hook.
- (2) Repeat the step above for the other hook.
- (b) Remove the rear seat cushion assembly.

2. REMOVE REAR SEAT HEADREST ASSEMBLY**3. REMOVE REAR CENTER SEAT HEADREST ASSEMBLY****4. REMOVE REAR SEAT BACK ASSEMBLY**

- (a) Remove the 3 rear seat belts from the 3 rear seat shoulder belt guides.



- (b) Remove the 4 bolts and rear seat back assembly.

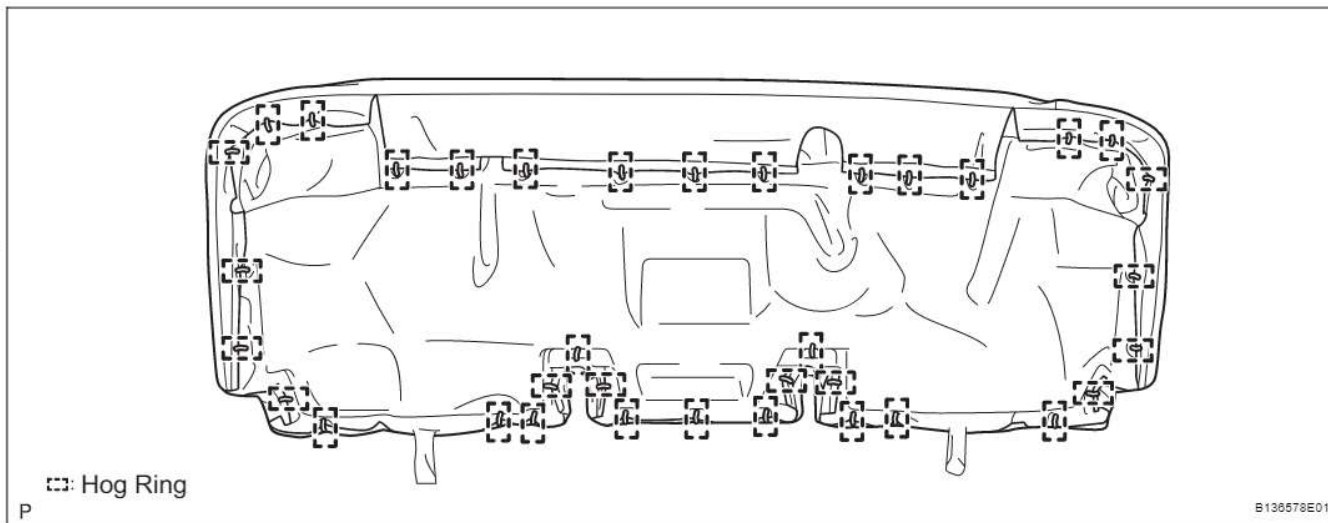


SE-78

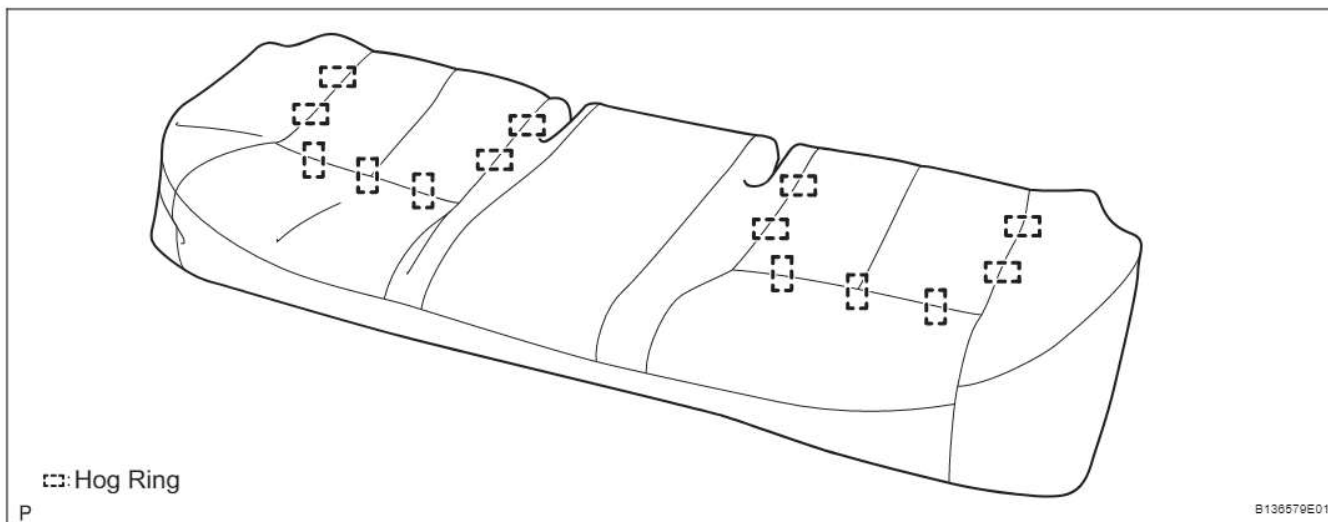
SEAT – REAR SEAT ASSEMBLY (for Fixed Type)

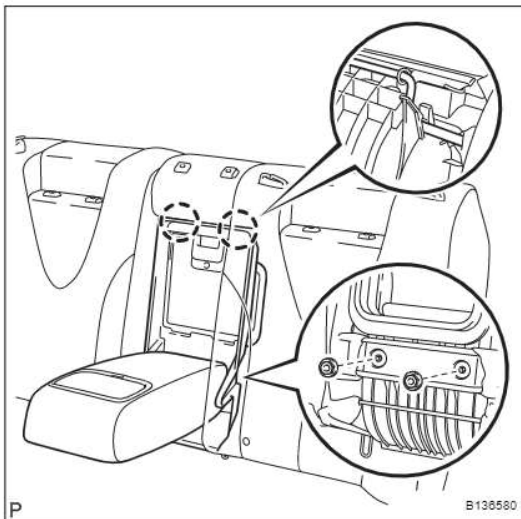
DISASSEMBLY**1. REMOVE REAR BENCH TYPE SEAT CUSHION COVER**

(a) Remove the 36 hog rings.

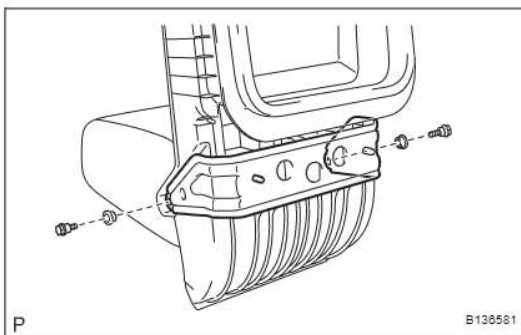


(b) Remove the 14 hog rings and rear bench type seat cushion cover from the seat cushion frame (with pad).

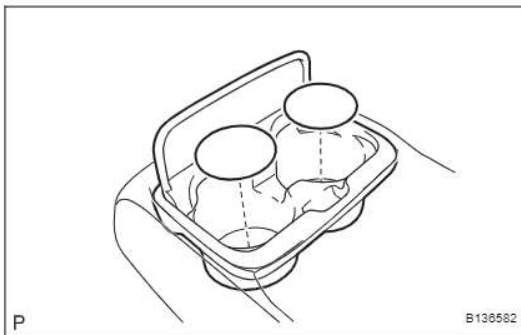


SEAT – REAR SEAT ASSEMBLY (for Fixed Type)**SE-79****2. REMOVE ARMREST ASSEMBLY**

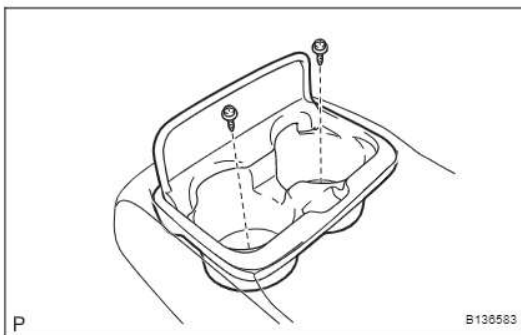
- (a) Remove the 2 nuts.
- (b) Disengage the 2 claws and remove the armrest assembly.

**3. REMOVE CENTER SEAT ARMREST BRACKET SUB-ASSEMBLY**

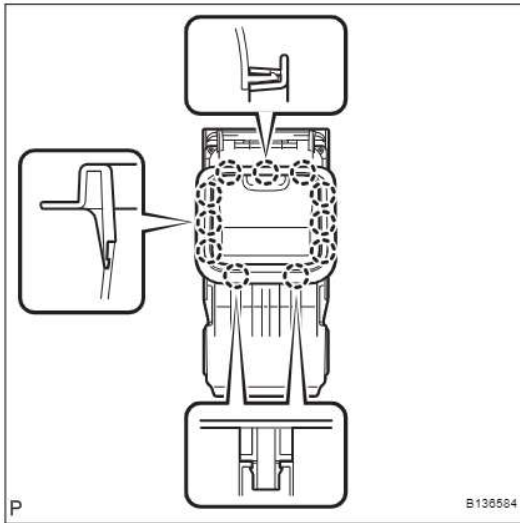
- (a) Remove the 2 bolts and bushes.
- (b) Remove the center seat armrest bracket sub-assembly.

**4. REMOVE CUP HOLDER**

- (a) Remove the 2 mats.



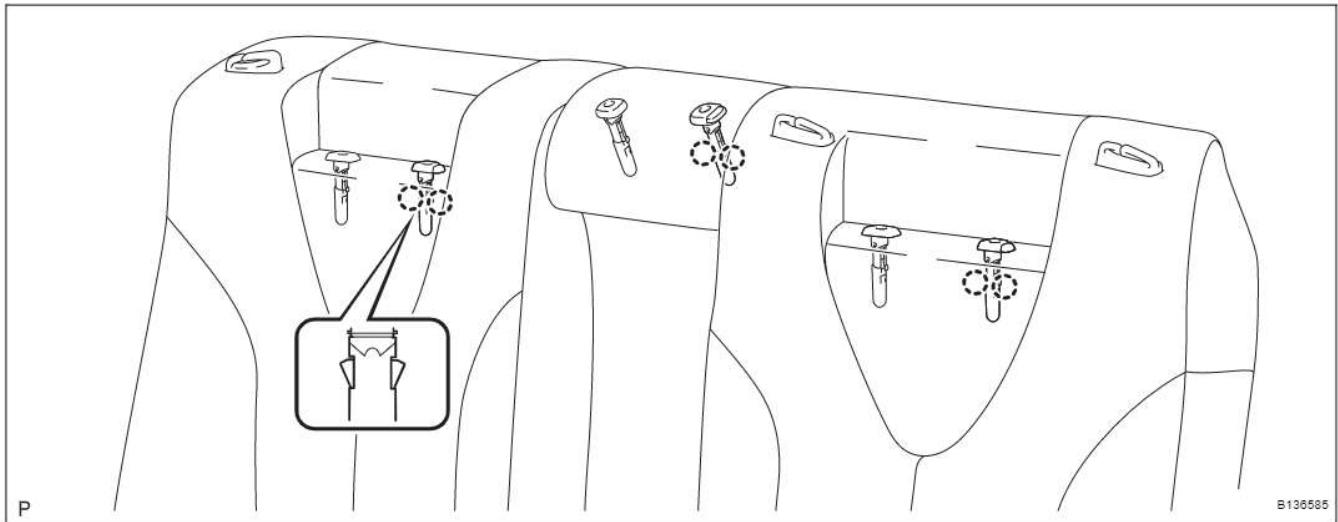
- (b) Remove the 2 screws and cup holder.

SE-80**SEAT – REAR SEAT ASSEMBLY (for Fixed Type)****5. REMOVE INNER CENTER SEAT ARMREST PLATE**

- (a) Disengage the 11 claws and remove the inner center seat armrest plate.

6. REMOVE REAR SEAT HEADREST SUPPORT

- (a) Disengage the 6 claws and remove the 3 rear seat headrest supports.

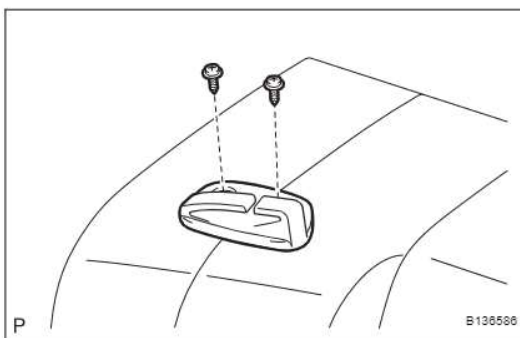
**7. REMOVE REAR SEAT HEADREST SUPPORT****8. REMOVE REAR SEAT SHOULDER BELT GUIDE RH**

- (a) Remove the 2 screws and rear seat shoulder belt guide RH.

9. REMOVE REAR SEAT SHOULDER BELT GUIDE LH

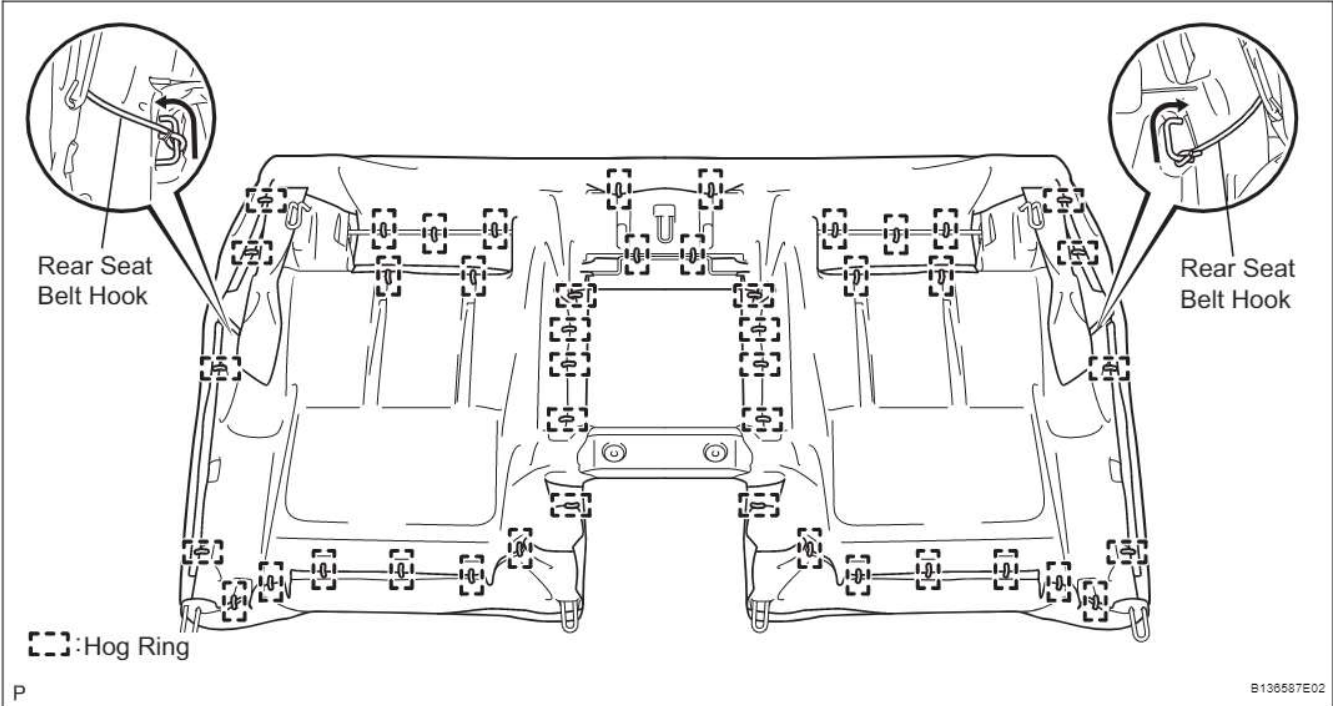
HINT:

Use the same procedures for the RH side and LH side.

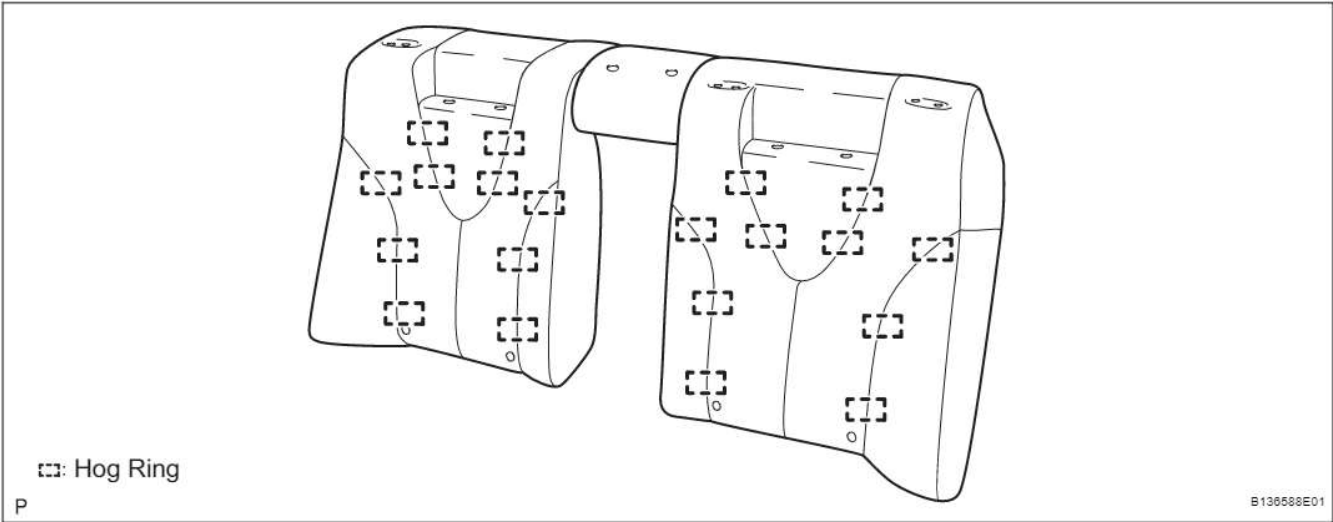


10. REMOVE REAR BENCH TYPE SEAT BACK COVER

(a) Remove the 44 hog rings and strap guide.



- (b) Remove the 2 rear seat belt hooks.
- (c) Remove the 20 hog rings and seat back cover from the seat back frame (with pad).



SE-82

SEAT – REAR SEAT ASSEMBLY (for Fixed Type)

REASSEMBLY

HINT:

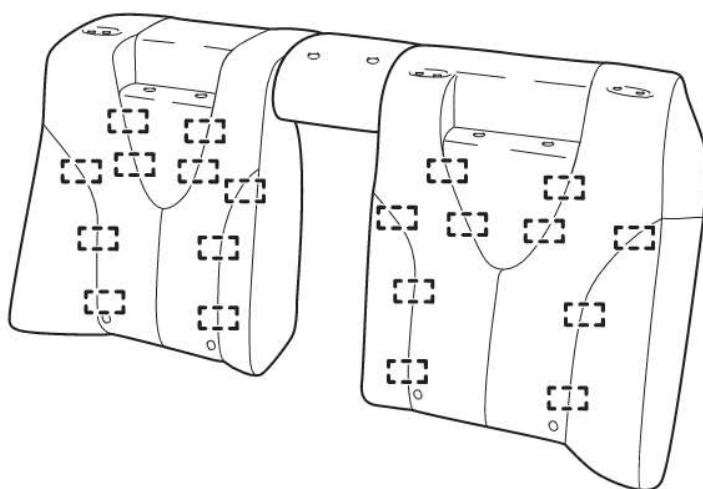
A bolt without a torque specification is shown in the standard bolt chart. (See page [SS-2](#))

1. INSTALL REAR BENCH TYPE SEAT BACK COVER

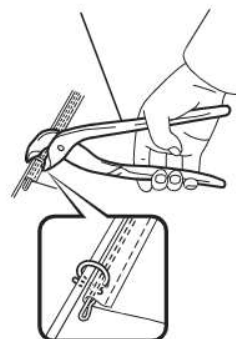
NOTICE:

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

(a) Using hog ring pliers, install 20 new hog rings.



Hog Ring Pliers



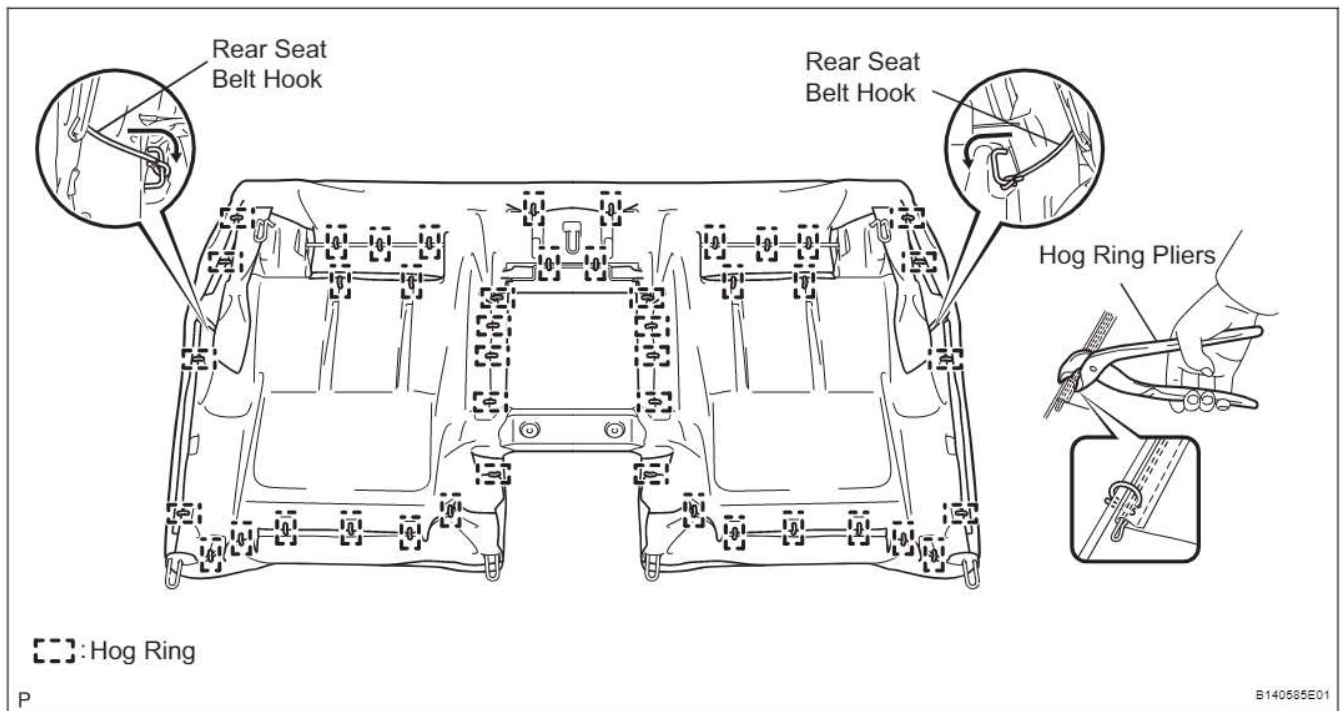
: Hog Ring

P

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SEAT – REAR SEAT ASSEMBLY (for Fixed Type)**SE-83**

- (b) Using hog ring pliers, install the rear bench type seat back cover to the seat back frame (with pad) with 44 new hog rings.



2. INSTALL REAR SEAT SHOULDER BELT GUIDE LH
3. INSTALL REAR SEAT SHOULDER BELT GUIDE RH
4. INSTALL REAR SEAT HEADREST SUPPORT
5. INSTALL REAR SEAT HEADREST SUPPORT
6. INSTALL INNER CENTER SEAT ARMREST PLATE
7. INSTALL CUP HOLDER
8. INSTALL CENTER SEAT ARMREST BRACKET SUB-ASSEMBLY
9. INSTALL ARMREST ASSEMBLY
10. INSTALL REAR BENCH TYPE SEAT CUSHION COVER

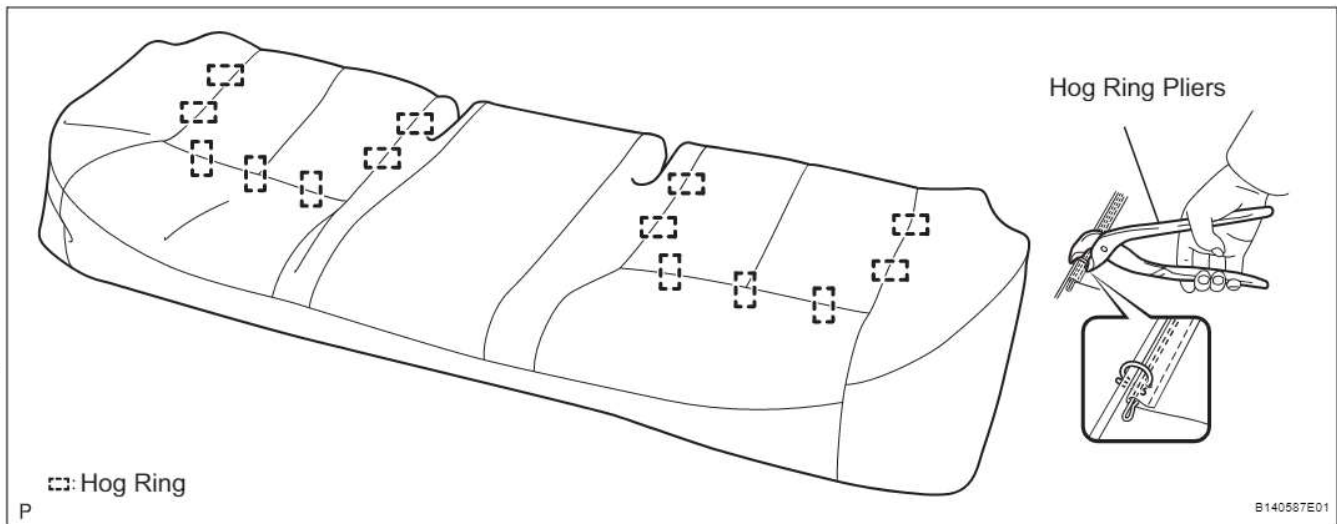
NOTICE:

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

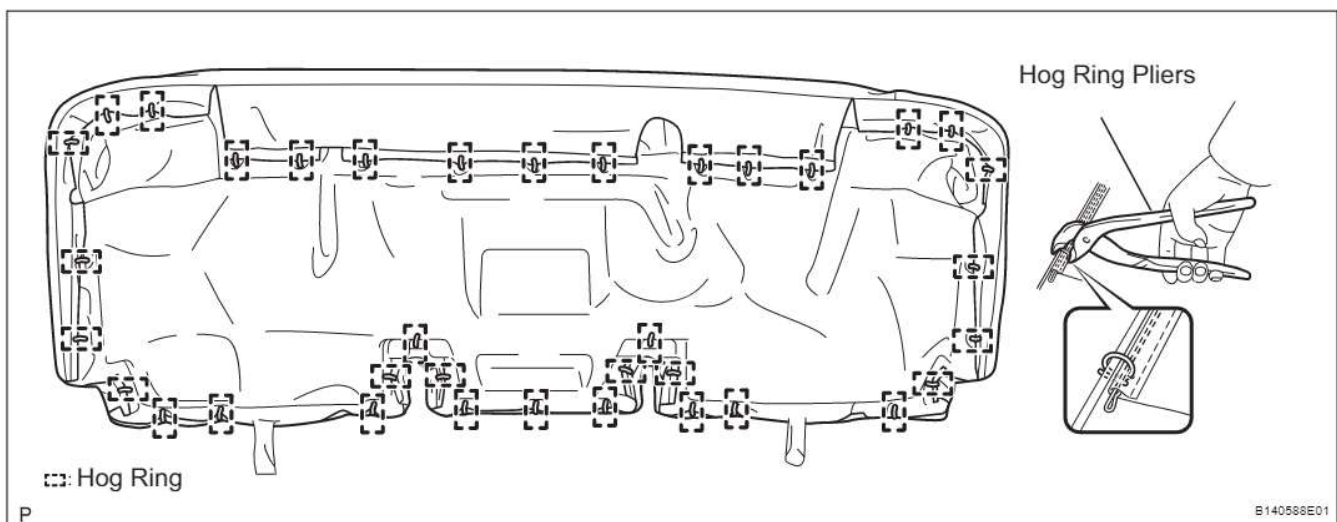
SE-84

SEAT – REAR SEAT ASSEMBLY (for Fixed Type)

- (a) Using hog ring pliers, install 14 new hog rings.



- (b) Using hog ring pliers, install the rear seat cushion cover to the rear seat cushion pad with 36 new hog rings.



INSTALLATION

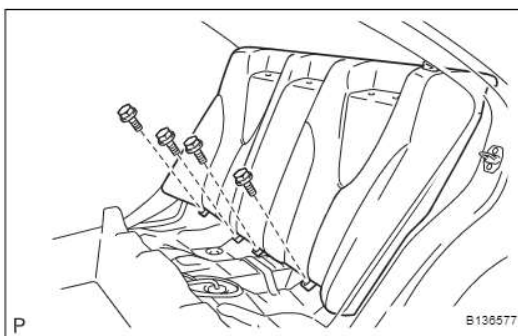
1. INSTALL REAR SEAT BACK ASSEMBLY

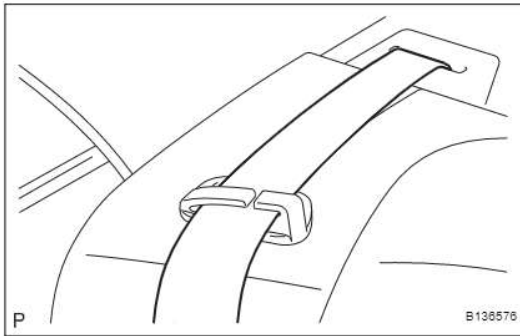
- (a) Place the seat back in the cabin.

NOTICE:

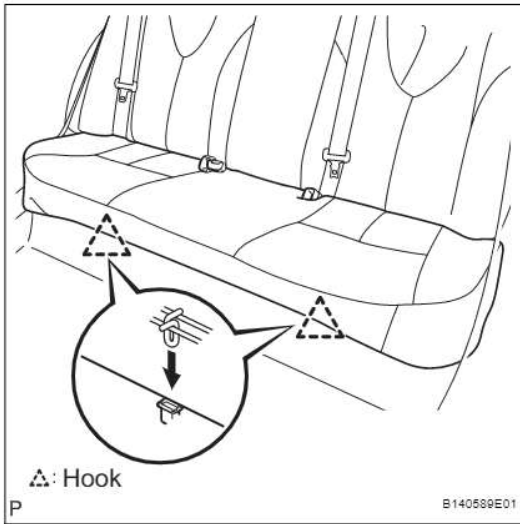
Be careful not to damage the vehicle body.

- (b) Install the rear seat back assembly with the 4 bolts.
Torque: 18 N*m (184 kgf*cm, 13 ft.*lbf)



SEAT – REAR SEAT ASSEMBLY (for Fixed Type)**SE-85**

- (c) Pass the 3 seat belts through and close the cap of the 2 rear seat shoulder belt guides.
- (d) Install the floor anchor part with the bolt.

2. INSTALL REAR CENTER SEAT HEADREST ASSEMBLY**3. INSTALL REAR SEAT HEADREST ASSEMBLY****4. INSTALL REAR SEAT CUSHION ASSEMBLY**

- (a) Attach the 2 front hooks of the seat cushion to the vehicle body.
- (b) Confirm that the seat cushion is firmly installed.

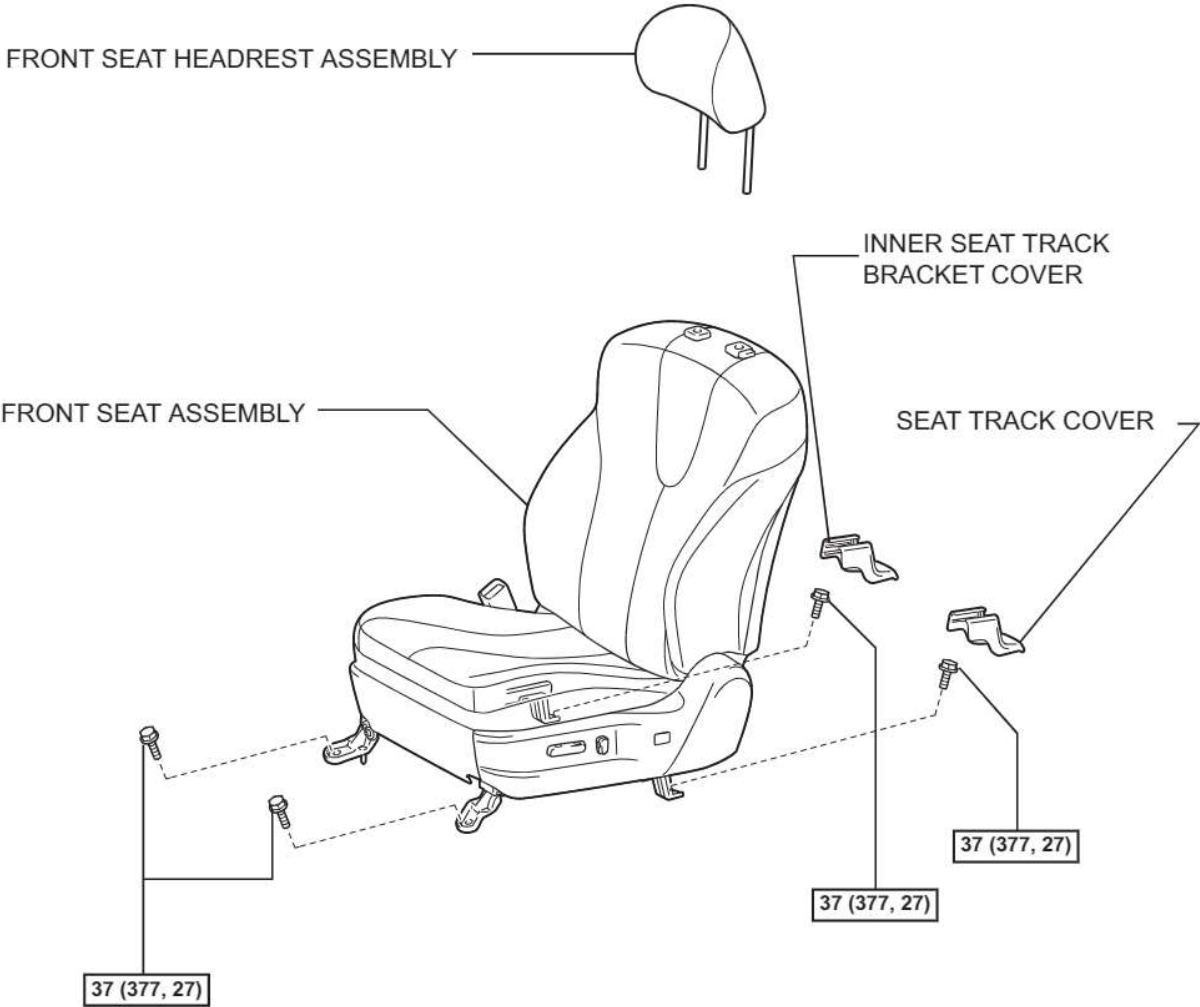
NOTICE:

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

SE

POWER SEAT SWITCH

COMPONENTS



N*m (kgf*cm, ft.*lbf) : Specified torque

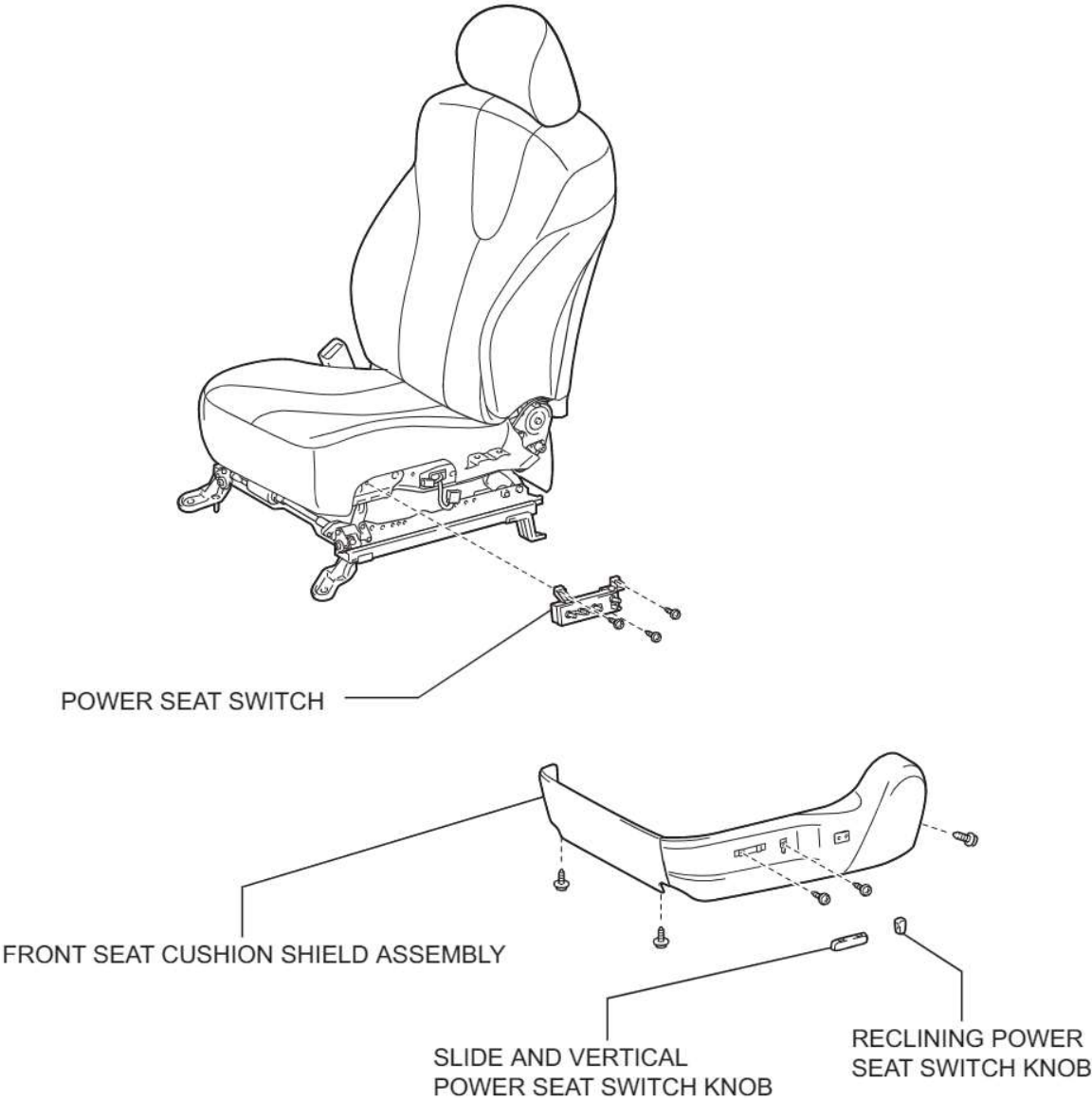
P

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SE-86

SEAT – POWER SEAT SWITCH

SE



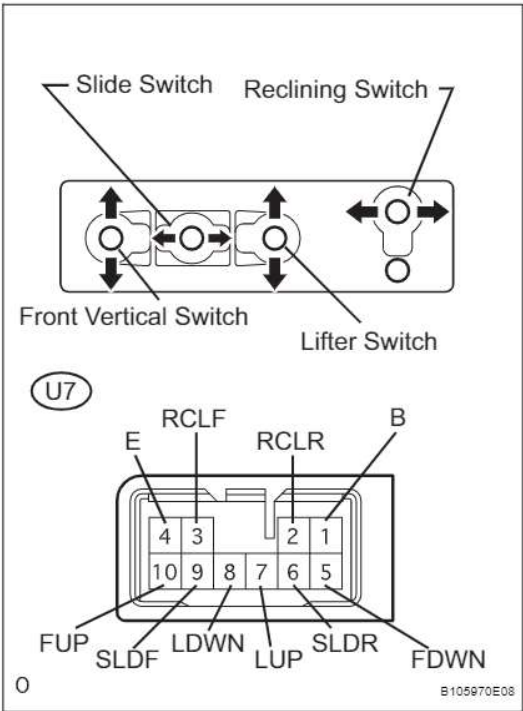
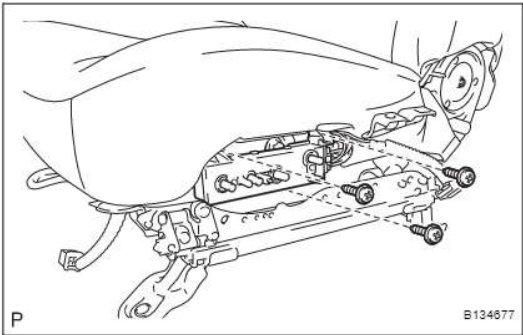
P

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REMOVAL

1. REMOVE FRONT SEAT HEADREST ASSEMBLY
2. REMOVE SEAT TRACK COVER (See page SE-30)
3. REMOVE INNER SEAT TRACK BRACKET COVER (See page SE-30)
4. REMOVE FRONT SEAT ASSEMBLY (See page SE-30)
5. REMOVE RECLINING POWER SEAT SWITCH KNOB (See page SE-31)
6. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB (See page SE-31)
7. REMOVE FRONT SEAT CUSHION SHIELD ASSEMBLY (See page SE-32)
8. REMOVE POWER SEAT SWITCH
 - Remove the 3 screws.
 - Disconnect the connector and remove the power seat switch.

SE



INSPECTION

1. INSPECT FRONT POWER SEAT SWITCH LH
 - Measure the resistance between the specified terminals when each switch is operated.
- Standard resistance (Slide switch)**

Tester Connection	Switch Condition	Specified Condition
U7-1 (B) - U7-9 (SLDF)	FRONT	Below 1 Ω
U7-4 (E) - U7-6 (SLDR)	FRONT	Below 1 Ω
U7-1 (B) - U7-6 (SLDR)	FRONT	10 kΩ or higher
U7-4 (E) - U7-9 (SLDF)	FRONT	10 kΩ or higher
U7-4 (E) - U7-6 (SLDR)	OFF	Below 1 Ω
U7-4 (E) - U7-9 (SLDF)	OFF	Below 1 Ω
U7-1 (B) - U7-6 (SLDR)	OFF	10 kΩ or higher
U7-1 (B) - U7-9 (SLDF)	OFF	10 kΩ or higher
U7-1 (B) - U7-6 (SLDR)	REAR	Below 1 Ω
U7-4 (E) - U7-9 (SLDF)	REAR	Below 1 Ω
U7-1 (B) - U7-9 (SLDF)	REAR	10 kΩ or higher
U7-4 (E) - U7-6 (SLDR)	REAR	10 kΩ or higher

Standard resistance (Front vertical switch)

Tester Connection	Switch Condition	Specified Condition
U7-1 (B) - U7-10 (FUP)	UP	Below 1 Ω
U7-4 (E) - U7-5 (FDWN)	UP	Below 1 Ω
U7-1 (B) - U7-5 (FDWN)	UP	10 kΩ or higher
U7-4 (E) - U7-10 (FUP)	UP	10 kΩ or higher
U7-4 (E) - U7-5 (FDWN)	OFF	Below 1 Ω

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SEAT – POWER SEAT SWITCH

Tester Connection	Switch Condition	Specified Condition
U7-4 (E) - U7-10 (FUP)	OFF	Below 1 Ω
U7-1 (B) - U7-5 (FDWN)	OFF	10 k Ω or higher
U7-1 (B) - U7-10 (FUP)	OFF	10 k Ω or higher
U7-1 (B) - U7-5 (FDWN)	DOWN	Below 1 Ω
U7-4 (E) - U7-10 (FUP)	DOWN	Below 1 Ω
U7-1 (B) - U7-10 (FUP)	DOWN	10 k Ω or higher
U7-4 (E) - U7-5 (FDWN)	DOWN	10 k Ω or higher

Standard resistance (Lifter switch)

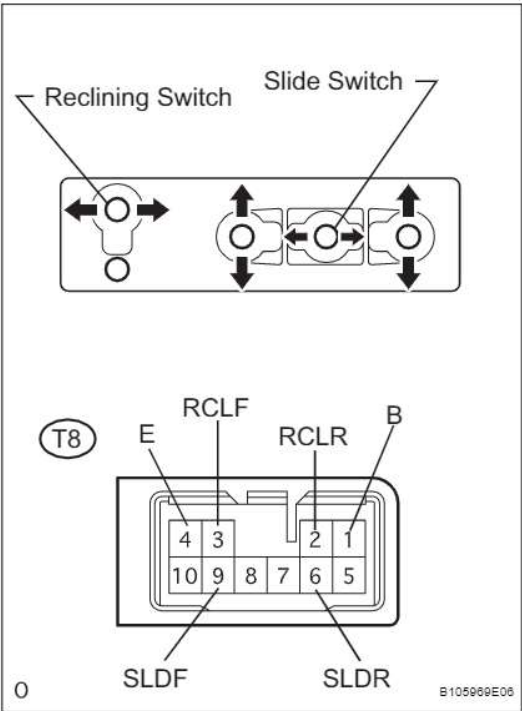
Tester Connection	Switch Condition	Specified Condition
U7-1 (B) - U7-7 (LUP)	UP	Below 1 Ω
U7-4 (E) - U7-8 (LDWN)	UP	Below 1 Ω
U7-1 (B) - U7-8 (LDWN)	UP	10 k Ω or higher
U7-4 (E) - U7-7 (LUP)	UP	10 k Ω or higher
U7-4 (E) - U7-7 (LUP)	OFF	Below 1 Ω
U7-4 (E) - U7-8 (LDWN)	OFF	Below 1 Ω
U7-1 (B) - U7-7 (LUP)	OFF	10 k Ω or higher
U7-1 (B) - U7-8 (LDWN)	OFF	10 k Ω or higher
U7-1 (B) - U7-8 (LDWN)	DOWN	Below 1 Ω
U7-4 (E) - U7-7 (LUP)	DOWN	Below 1 Ω
U7-1 (B) - U7-7 (LUP)	DOWN	10 k Ω or higher
U7-4 (E) - U7-8 (LDWN)	DOWN	10 k Ω or higher

Standard resistance (Reclining switch)

Tester Connection	Switch Condition	Specified Condition
U7-1 (B) - U7-3 (RCLF)	FRONT	Below 1 Ω
U7-4 (E) - U7-2 (RCLR)	FRONT	Below 1 Ω
U7-1 (B) - U7-2 (RCLR)	FRONT	10 k Ω or higher
U7-4 (E) - U7-3 (RCLF)	FRONT	10 k Ω or higher
U7-4 (E) - U7-2 (RCLR)	OFF	Below 1 Ω
U7-4 (E) - U7-3 (RCLF)	OFF	Below 1 Ω
U7-1 (B) - U7-3 (RCLF)	OFF	10 k Ω or higher
U7-1 (B) - U7-2 (RCLR)	OFF	10 k Ω or higher
U7-1 (B) - U7-2 (RCLR)	REAR	Below 1 Ω
U7-4 (E) - U7-3 (RCLF)	REAR	Below 1 Ω
U7-1 (B) - U7-3 (RCLF)	REAR	10 k Ω or higher
U7-4 (E) - U7-2 (RCLR)	REAR	10 k Ω or higher

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

SE



2. INSPECT FRONT POWER SEAT SWITCH RH

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

Standard resistance (Slide switch)

Tester Connection	Switch Condition	Specified Condition
T8-1 (B) - T8-9 (SLDF)	FRONT	Below 1 Ω
T8-4 (E) - T8-6 (SLDR)	FRONT	Below 1 Ω
T8-1 (B) - T8-6 (SLDR)	FRONT	10 kΩ or higher
T8-4 (E) - T8-9 (SLDF)	FRONT	10 kΩ or higher
T8-4 (E) - T8-6 (SLDR)	OFF	Below 1 Ω
T8-4 (E) - T8-9 (SLDF)	OFF	Below 1 Ω
T8-1 (B) - T8-6 (SLDR)	OFF	10 kΩ or higher
T8-1 (B) - T8-9 (SLDF)	OFF	10 kΩ or higher
T8-1 (B) - T8-6 (SLDR)	REAR	Below 1 Ω
T8-4 (E) - T8-9 (SLDF)	REAR	Below 1 Ω
T8-1 (B) - T8-9 (SLDF)	REAR	10 kΩ or higher
T8-4 (E) - T8-6 (SLDR)	REAR	10 kΩ or higher

Standard resistance (Reclining switch)

Tester Connection	Switch Condition	Specified Condition
T8-1 (B) - T8-3 (RCLF)	FRONT	Below 1 Ω
T8-4 (E) - T8-2 (RCLR)	FRONT	Below 1 Ω
T8-1 (B) - T8-2 (RCLR)	FRONT	10 kΩ or higher
T8-4 (E) - T8-3 (RCLF)	FRONT	10 kΩ or higher
T8-4 (E) - T8-2 (RCLR)	OFF	Below 1 Ω
T8-4 (E) - T8-3 (RCLF)	OFF	Below 1 Ω
T8-1 (B) - T8- 3 (RCLF)	OFF	10 kΩ or higher
T8-1 (B) - T8-2 (RCLR)	OFF	10 kΩ or higher
T8-1 (B) - T8-2 (RCLR)	REAR	Below 1 Ω
T8-4 (E) - T8-3 (RCLF)	REAR	Below 1 Ω
T8-1 (B) - T8-3 (RCLF)	REAR	10 kΩ or higher
T8-4 (E) - T8-2 (RCLR)	REAR	10 kΩ or higher

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

INSTALLATION

1. INSTALL POWER SEAT SWITCH

- (a) Install the power seat switch with the 3 screws.
(b) Connect the connector.

2. INSTALL FRONT SEAT CUSHION SHIELD ASSEMBLY

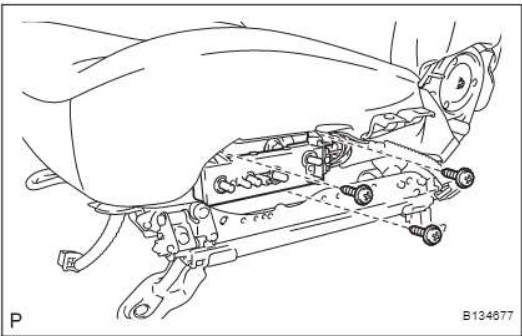
3. INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB

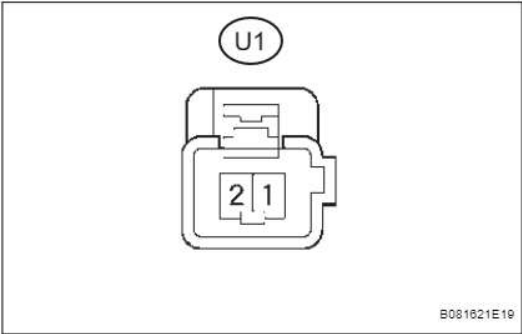
4. INSTALL RECLINING POWER SEAT SWITCH KNOB

5. INSTALL FRONT SEAT ASSEMBLY (See page SE-41)

6. INSTALL INNER SEAT TRACK BRACKET COVER (See page SE-42)

7. INSTALL SEAT TRACK COVER (See page SE-42)





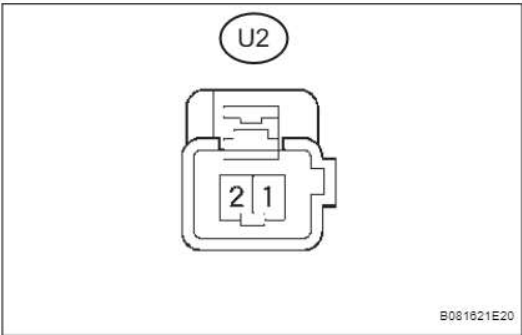
FRONT SEAT FRAME WITH ADJUSTER

INSPECTION

1. INSPECT FRONT SEAT FRAME WITH ADJUSTER LH
- (a) Check operation of the seat frame (slide motor).
- (1) Check if the seat frame moves smoothly when the battery is connected to the slide motor connector terminals.
- OK

Measurement Condition	Operational Direction
Battery positive (+) → U1-1 Battery negative (-) → U1-2	Forward
Battery positive (+) → U1-2 Battery negative (-) → U1-1	Backward

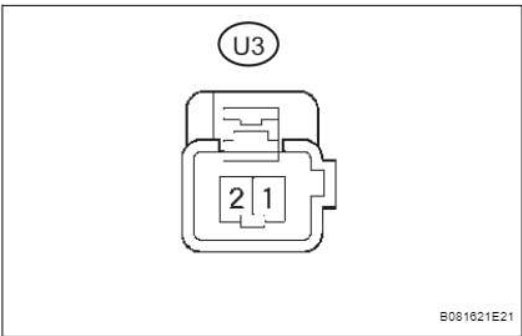
If the result is not as specified, replace the seat frame with adjuster.



- (b) Check operation of the seat frame (front vertical motor).
- (1) Check if the seat frame moves smoothly when the battery is connected to the front vertical motor connector terminals.
- OK

Measurement Condition	Operational Direction
Battery positive (+) → U2-1 Battery negative (-) → U2-2	Upward
Battery positive (+) → U2-2 Battery negative (-) → U2-1	Downward

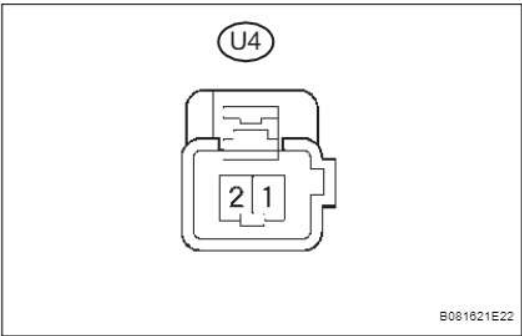
If the result is not as specified, replace the seat frame with adjuster.



- (c) Check operation of the seat frame (reclining motor).
- (1) Check if the seat frame moves smoothly when the battery is connected to the reclining motor connector terminals.
- OK

Measurement Condition	Operational Direction
Battery positive (+) → U3-2 Battery negative (-) → U3-1	Forward
Battery positive (+) → U3-1 Battery negative (-) → U3-2	Backward

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



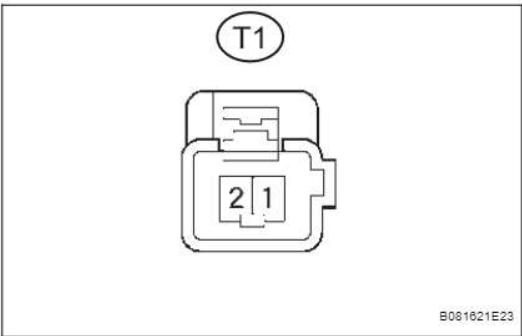
- (d) Check operation of the seat frame (lifter motor).
- (1) Check if the seat frame moves smoothly when the battery is connected to the lifter motor connector terminals.
- OK**

Measurement Condition	Operational Direction
Battery positive (+) → U4-2 Battery negative (-) → U4-1	Upward
Battery positive (+) → U4-1 Battery negative (-) → U4-2	Downward

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

SE

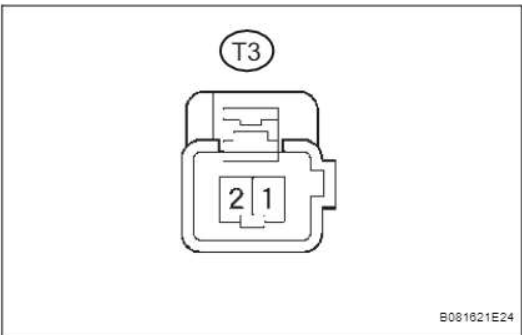
2. INSPECT FRONT SEAT FRAME WITH ADJUSTER RH



- (a) Check operation of the seat frame (slide motor).
- (1) Check if the seat frame moves smoothly when the battery is connected to the slide motor connector terminals.
- OK**

Measurement Condition	Operational Direction
Battery positive (+) → T1-2 Battery negative (-) → T1-1	Forward
Battery positive (+) → T1-1 Battery negative (-) → T1-2	Backward

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



- (b) Check operation of the seat frame (reclining motor).
- (1) Check if the seat frame moves smoothly when the battery is connected to the reclining motor connector terminals.
- OK**

Measurement Condition	Operational Direction
Battery positive (+) → T3-2 Battery negative (-) → T3-1	Forward
Battery positive (+) → T3-1 Battery negative (-) → T3-2	Backward

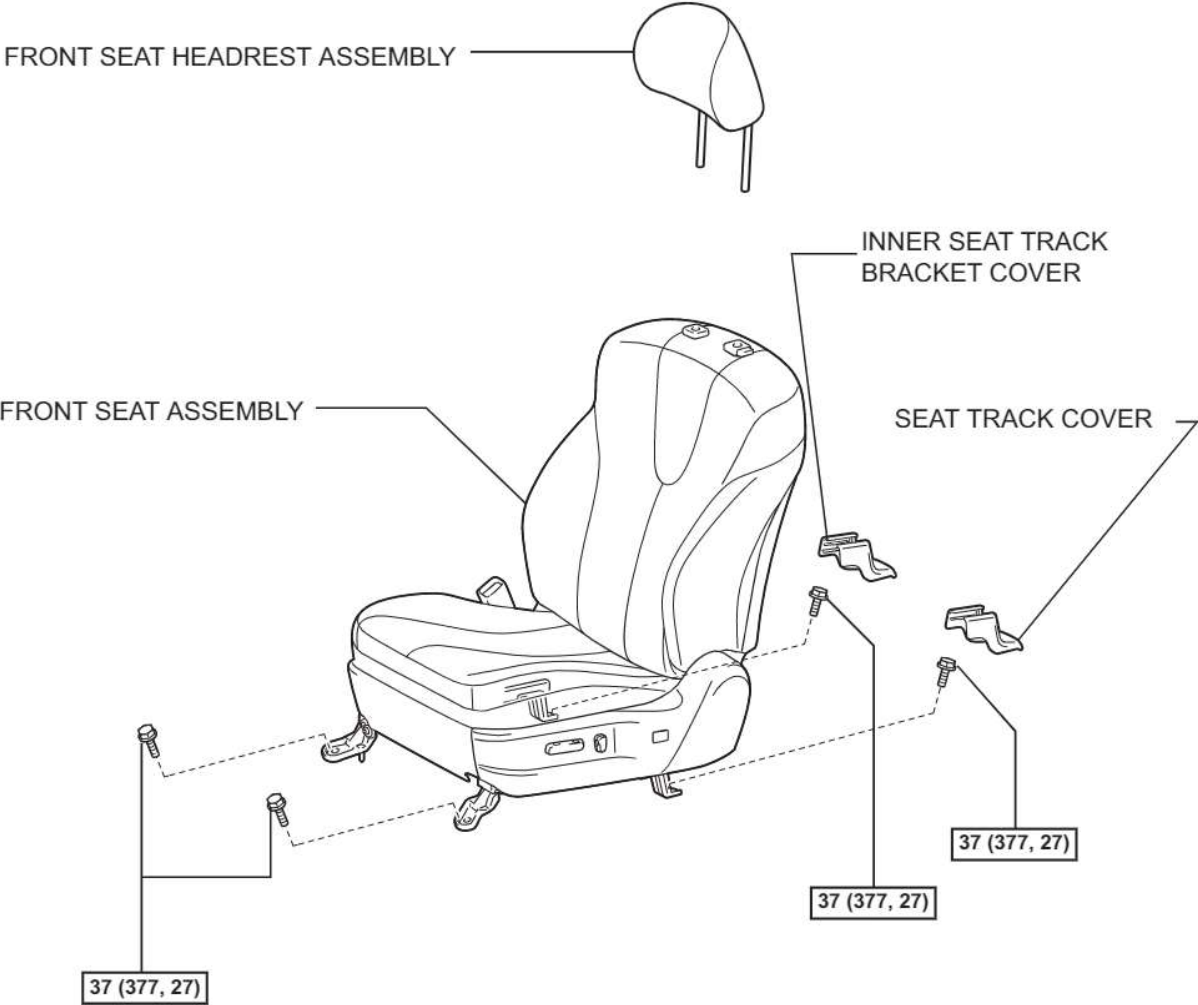
If the result is not as specified, replace the seat frame with adjuster.

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SEAT – FRONT POWER SEAT LUMBAR SWITCH

FRONT POWER SEAT LUMBAR SWITCH
COMPONENTS

SE



N*m (kgf*cm, ft.*lbf): Specified torque

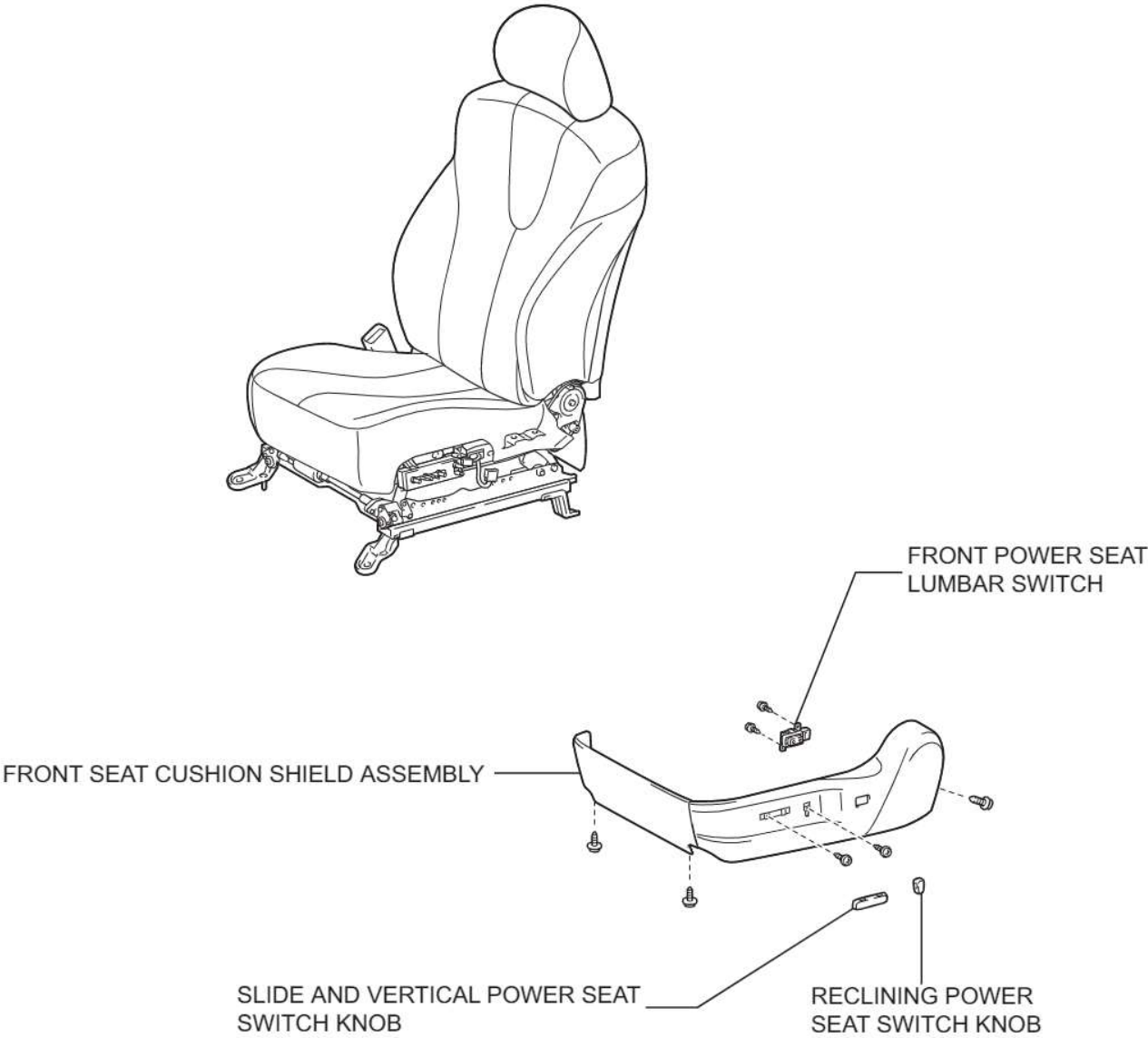
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SEAT – FRONT POWER SEAT LUMBAR SWITCH

SE-93

SE



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REMOVAL

1.

REMOVE FRONT SEAT HEADREST ASSEMBLY
2.

REMOVE SEAT TRACK COVER (See page SE-30)
3.

REMOVE INNER SEAT TRACK BRACKET COVER (See page SE-30)
4.

REMOVE FRONT SEAT ASSEMBLY (See page SE-30)
5.

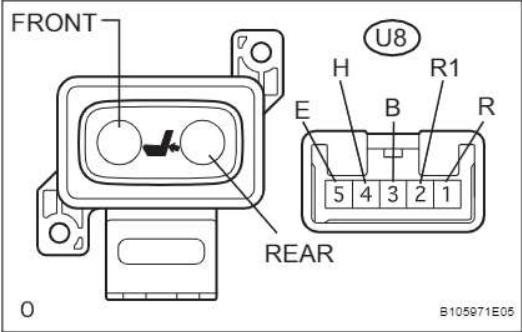
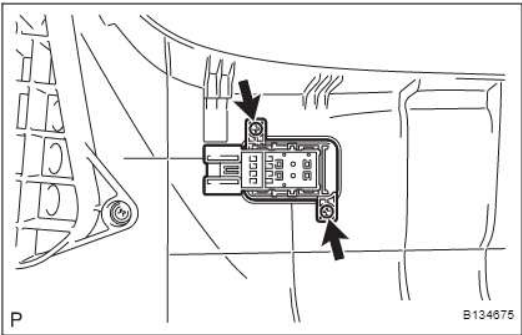
REMOVE RECLINING POWER SEAT SWITCH KNOB (See page SE-31)
6.

REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB (See page SE-31)
7.

REMOVE FRONT SEAT CUSHION SHIELD ASSEMBLY (See page SE-32)
8.

REMOVE FRONT POWER SEAT LUMBAR SWITCH

(a) Remove the 2 screws and front power seat lumbar switch.



INSPECTION

1.

INSPECT FRONT POWER SEAT LUMBAR SWITCH LH

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

Tester Connection	Switch Condition	Specified Condition
U8-1 (R) - U8-2 (R1)	FRONT	Below 1 Ω
U8-3 (B) - U8-4 (H)	FRONT	Below 1 Ω
U8-1 (R) - U8-2 (R1)	OFF	Below 1 Ω
U8-4 (H) - U8-5 (E)	OFF	Below 1 Ω
U8-1 (R) - U8-3 (B)	REAR	Below 1 Ω
U8-4 (H) - U8-5 (E)	REAR	Below 1 Ω

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

INSTALLATION

1.

INSTALL FRONT POWER SEAT LUMBAR SWITCH

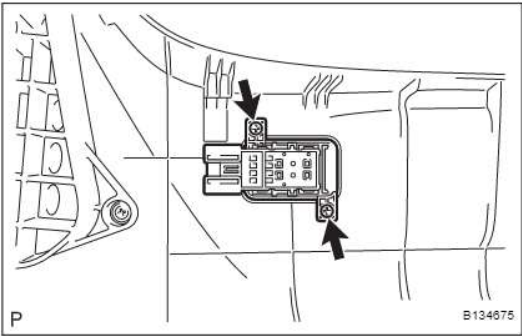
(a) Install the front power seat lumbar switch with the 2 screws.
2.

INSTALL FRONT SEAT CUSHION SHIELD ASSEMBLY
3.

INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB
4.

INSTALL RECLINING POWER SEAT SWITCH KNOB
5.

INSTALL FRONT SEAT ASSEMBLY (See page SE-41)



SEAT – FRONT POWER SEAT LUMBAR SWITCH**SE-95**

6. **INSTALL INNER SEAT TRACK BRACKET COVER**
(See page [SE-42](#))
7. **INSTALL SEAT TRACK COVER** (See page [SE-42](#))
8. **INSTALL FRONT SEAT HEADREST ASSEMBLY**

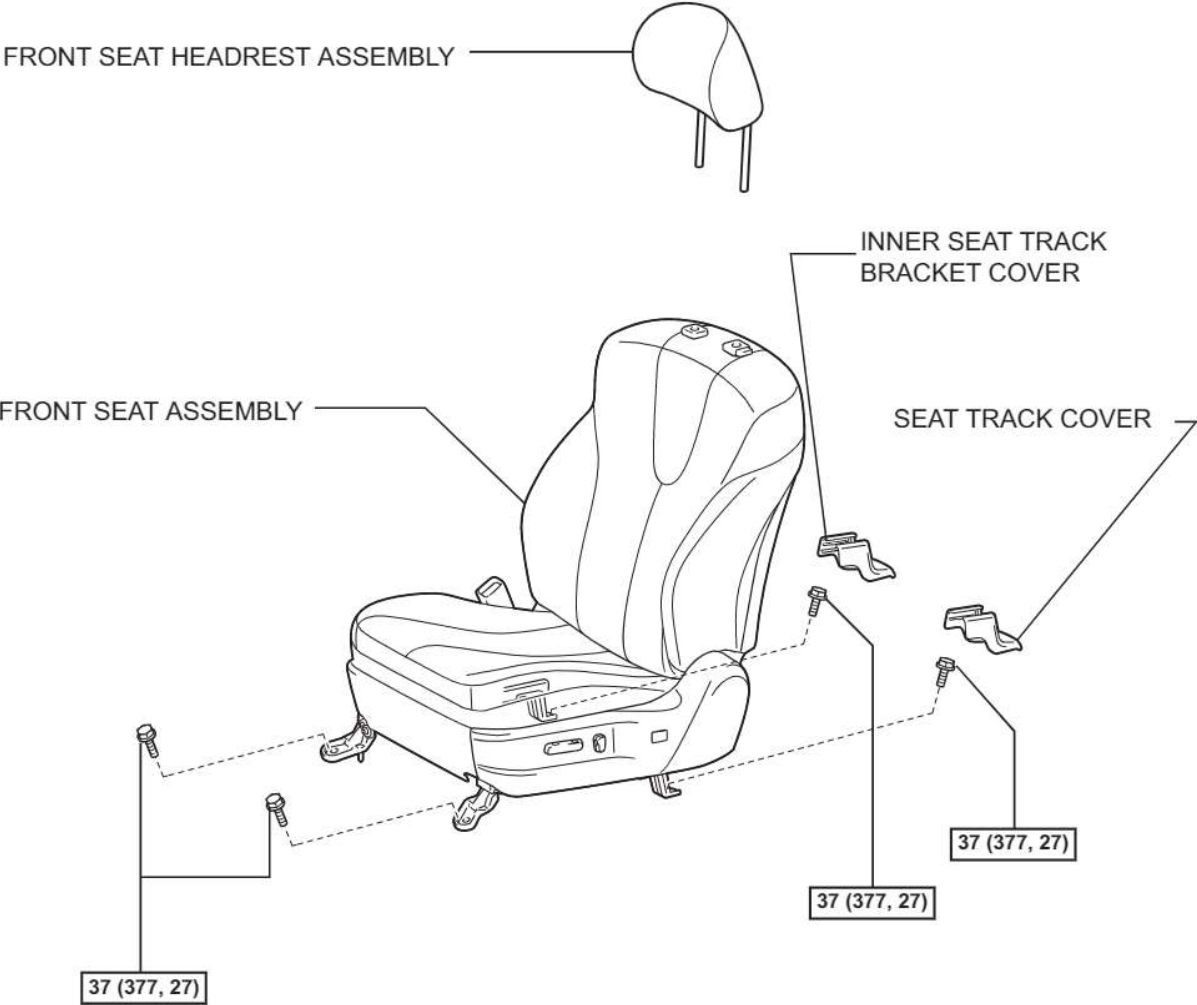
SE

SE-96

SEAT – LUMBAR SUPPORT ADJUSTER ASSEMBLY

LUMBAR SUPPORT ADJUSTER ASSEMBLY
COMPONENTS

SE



N*m (kgf*cm, ft.*lbf) : Specified torque

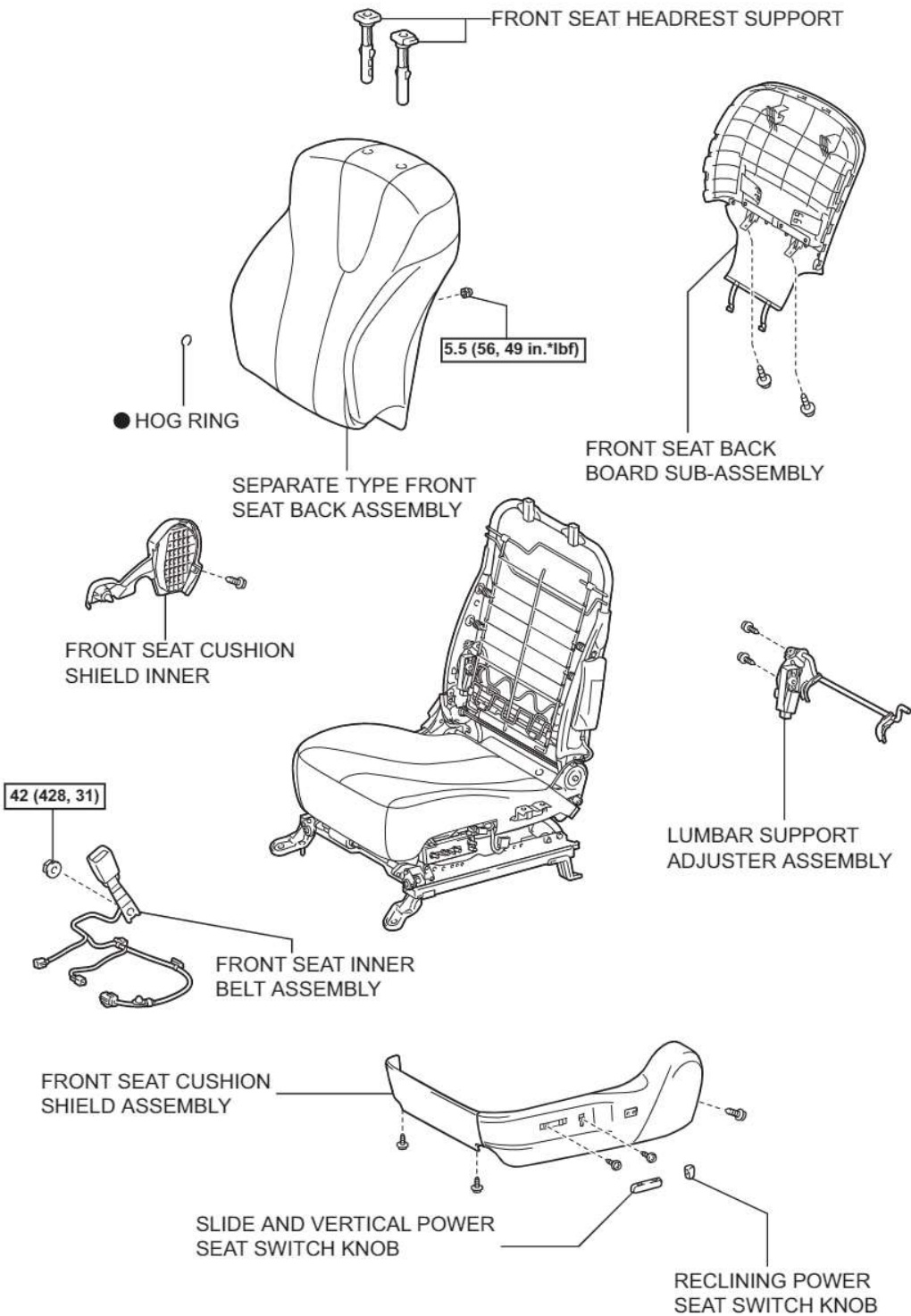
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SEAT – LUMBAR SUPPORT ADJUSTER ASSEMBLY

SE-97

SE



[N*m (kgf*cm, ft.*lbf)] : Specified torque ● Non-reusable part

SE

REMOVAL

1.

REMOVE FRONT SEAT HEADREST ASSEMBLY
2.

REMOVE SEAT TRACK COVER (See page SE-30)
3.

REMOVE INNER SEAT TRACK BRACKET COVER (See page SE-30)
4.

REMOVE FRONT SEAT ASSEMBLY (See page SE-30)
5.

REMOVE RECLINING POWER SEAT SWITCH KNOB (See page SE-31)
6.

REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB (See page SE-31)
7.

REMOVE FRONT SEAT CUSHION SHIELD ASSEMBLY (See page SE-32)
8.

REMOVE FRONT SEAT INNER BELT ASSEMBLY (See page SB-16)
9.

REMOVE FRONT SEAT CUSHION SHIELD INNER (See page SE-33)
10.

REMOVE FRONT SEAT BACK BOARD SUB-ASSEMBLY (See page SE-35)
11.

REMOVE FRONT SEAT HEADREST SUPPORT (See page SE-35)
12.

REMOVE FRONT SEAT HEADREST SUPPORT
13.

REMOVE SEPARATE TYPE FRONT SEAT BACK ASSEMBLY (See page SE-35)
14.

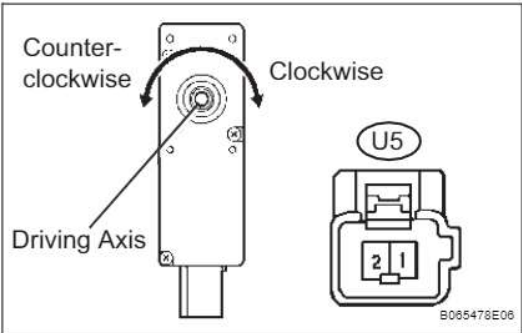
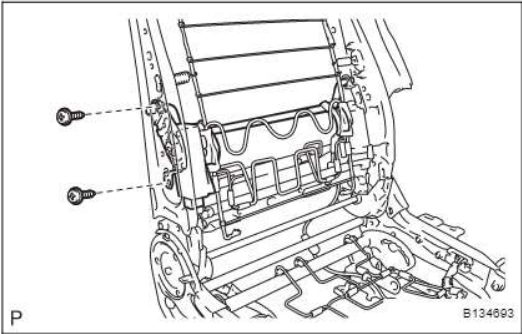
REMOVE LUMBAR SUPPORT ADJUSTER ASSEMBLY

(a)

Disconnect the connector.

(b)

Remove the 2 screws and lumbar support adjuster.



INSPECTION

1.

INSPECT LUMBAR SUPPORT ADJUSTER ASSEMBLY LH

(a)

Check operation of the lumbar support adjuster.

(1)

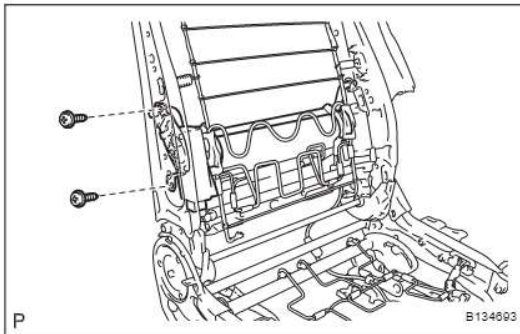
Check if the lumbar support adjuster moves smoothly when the battery is connected to the lumbar support adjuster motor connector terminals.

OK

Measurement Condition	Operation Direction
Battery positive (+) → U5-2 Battery negative (-) → U5-1	Clockwise
Battery positive (+) → U5-1 Battery negative (-) → U5-2	Counterclockwise

SEAT – LUMBAR SUPPORT ADJUSTER ASSEMBLY**SE-99**

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

**INSTALLATION****1. INSTALL LUMBAR SUPPORT ADJUSTER ASSEMBLY**

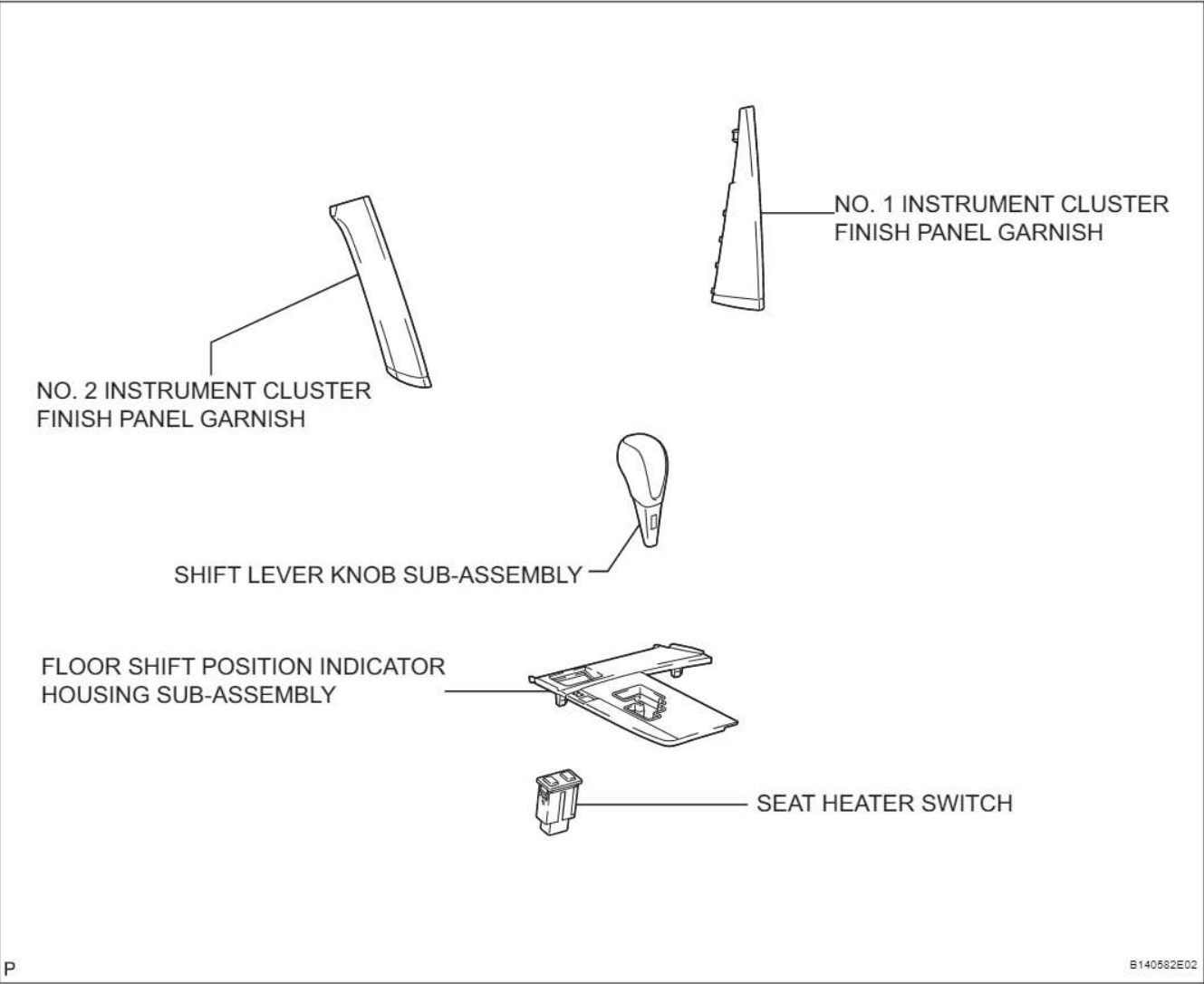
- (a) Install the lumbar support adjuster assembly with the 2 screws.
- (b) Connect the connector.

2. INSTALL SEPARATE TYPE FRONT SEAT BACK ASSEMBLY**3. INSTALL FRONT SEAT HEADREST SUPPORT****4. INSTALL FRONT SEAT HEADREST SUPPORT****5. INSTALL FRONT SEAT BACK BOARD SUB-ASSEMBLY****6. INSTALL FRONT SEAT CUSHION SHIELD INNER****7. INSTALL FRONT SEAT INNER BELT ASSEMBLY (See page [SB-17](#))****8. INSTALL FRONT SEAT CUSHION SHIELD ASSEMBLY****9. INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB****10. INSTALL RECLINING POWER SEAT SWITCH KNOB****11. INSTALL FRONT SEAT ASSEMBLY****12. INSTALL INNER SEAT TRACK BRACKET COVER (See page [SE-42](#))****13. INSTALL SEAT TRACK COVER (See page [SE-42](#))****14. INSTALL FRONT SEAT HEADREST ASSEMBLY****SE**

SE-100

SEAT – SEAT HEATER SWITCH

SEAT HEATER SWITCH
COMPONENTS

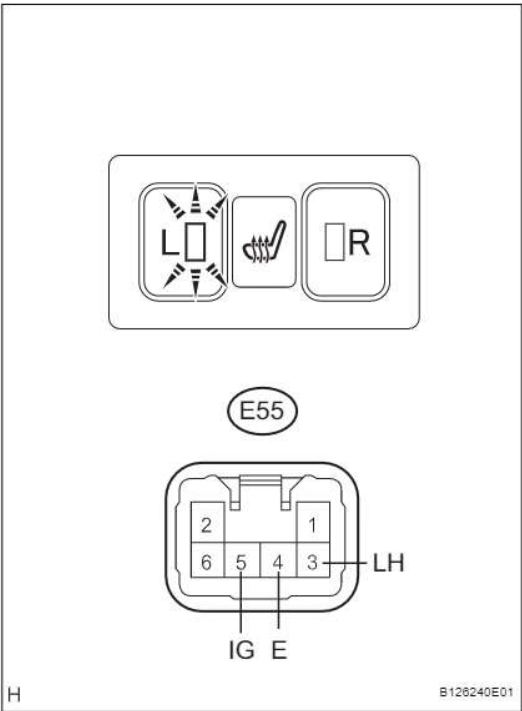
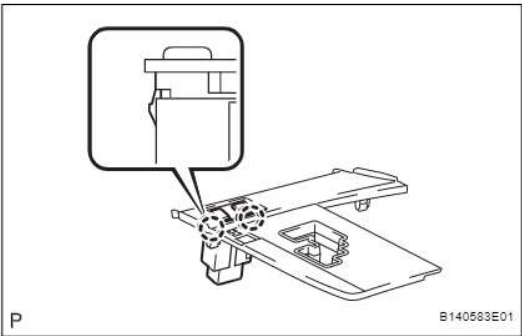


REMOVAL

1. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (See page IP-24)
2. REMOVE NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH (See page IP-24)
3. REMOVE NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH (See page IP-25)
4. REMOVE FLOOR SHIFT POSITION INDICATOR HOUSING SUB-ASSEMBLY (See page IP-25)
5. REMOVE SEAT HEATER SWITCH

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

SE



INSPECTION

1. INSPECT SEAT HEATER SWITCH

(a) Inspect the driver side seat heater switch operation.

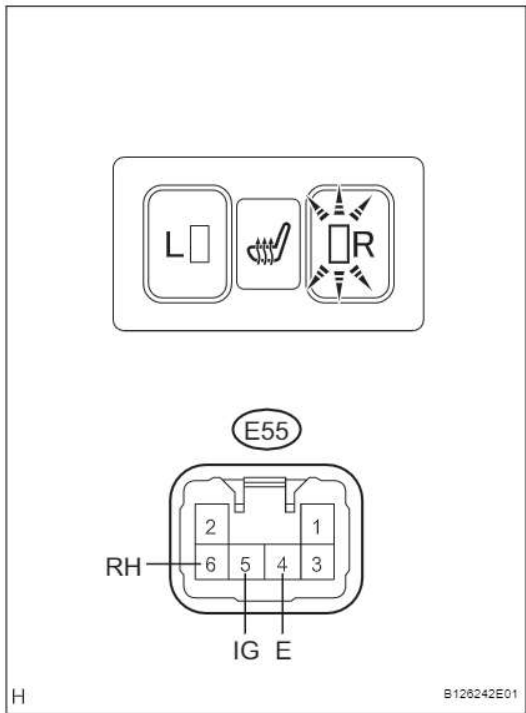
(1) Measure the resistance according to the value(s) in the table below.
- Standard resistance
- If the result is not as specified, replace the switch.
- (2) Turn the seat heater switch on and check if the seat heater switch indicator comes on.

OK

Measurement Condition	Specified Condition
Battery positive (+) → Terminal E55-5 (IG) Battery negative (-) → Terminal E55-4 (E)	Comes on

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

SE



(b) Inspect the front passenger side seat heater switch operation.

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

Standard resistance

Tester Connection	Switch Position	Specified Condition
E55-5 (IG) - E55-6 (RH)	OFF	10 kΩ or higher
E55-5 (IG) - E55-6 (RH)	ON	Below 1 Ω

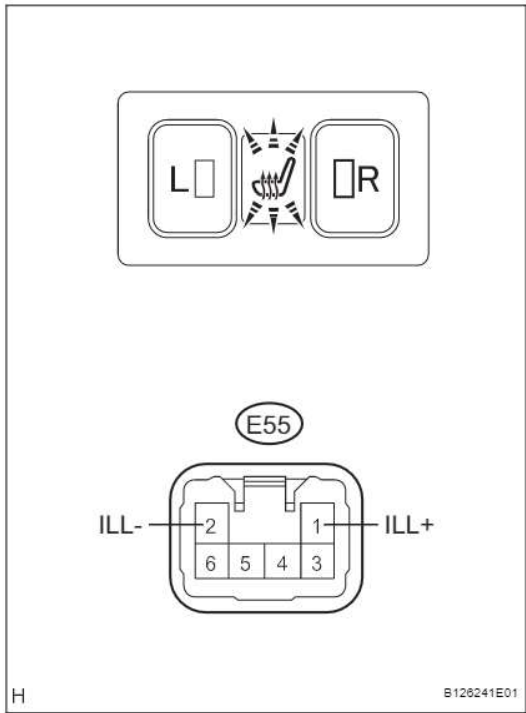
If the result is not as specified, replace the switch.

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

OK

Measurement Condition	Specified Condition
Battery positive (+) → Terminal E55-5 (IG) Battery negative (-) → Terminal E55-4 (E)	Comes on

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

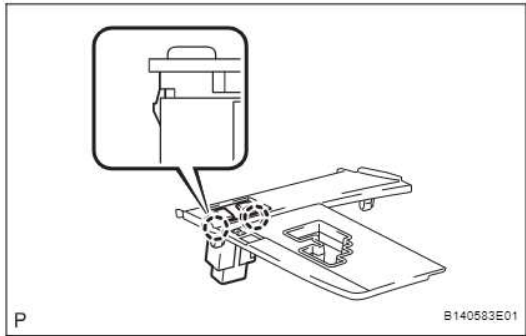


(c) Check if the seat heater switch indicator comes on.

OK

Measurement Condition	Specified Condition
Battery positive (+) → Terminal E55-1 (ILL+) Battery negative (-) → Terminal E55-2 (ILL-)	Comes on

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



INSTALLATION

1. INSTALL SEAT HEATER SWITCH

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

2. INSTALL FLOOR SHIFT POSITION INDICATOR HOUSING SUB-ASSEMBLY (See page IP-53)

3. INSTALL NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH (See page IP-54)

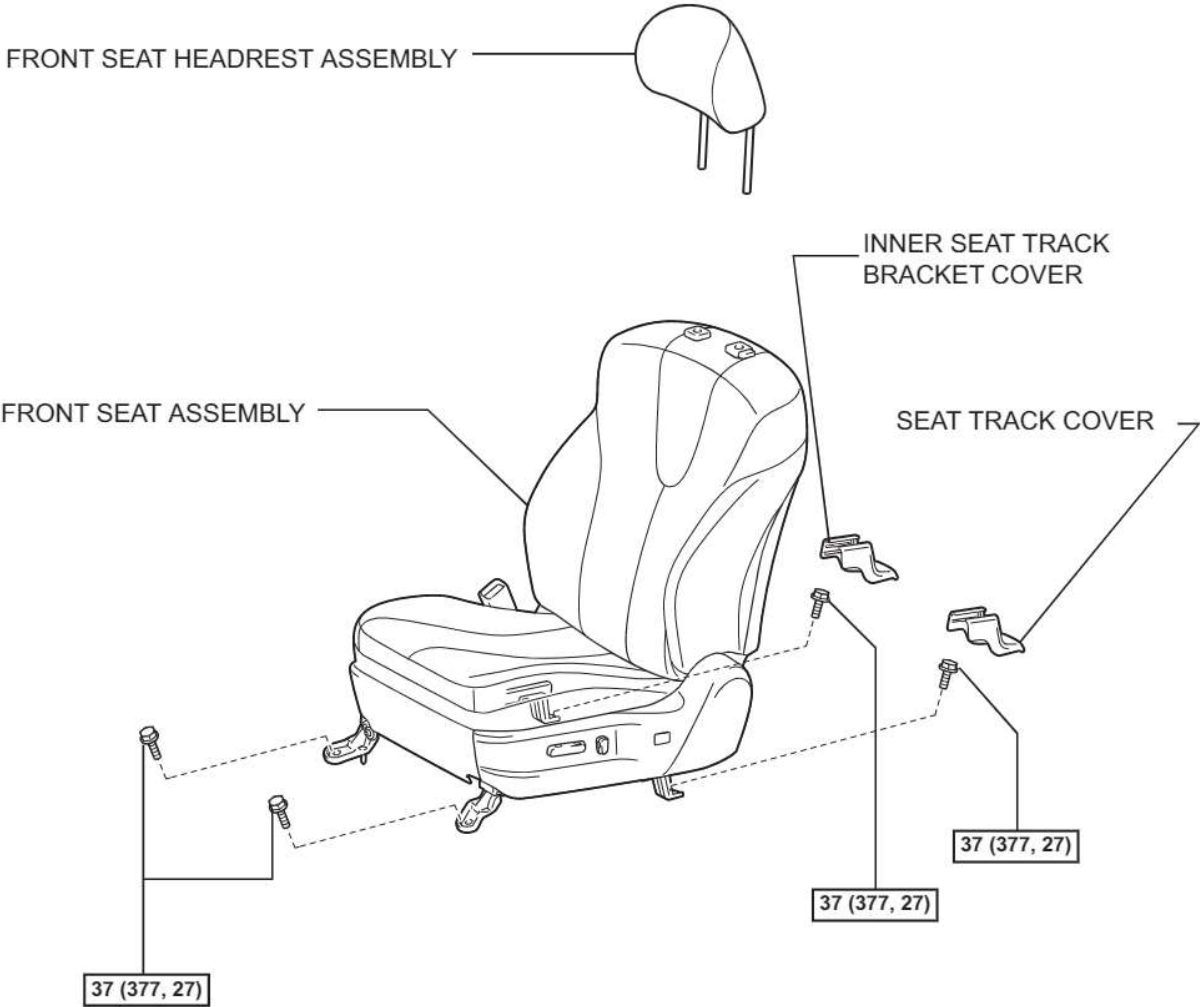
SEAT – SEAT HEATER SWITCH**SE-103**

-
4. **INSTALL NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH** (See page [IP-55](#))
 5. **INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY** (See page [IP-55](#))

SE

FRONT SEATBACK HEATER

COMPONENTS



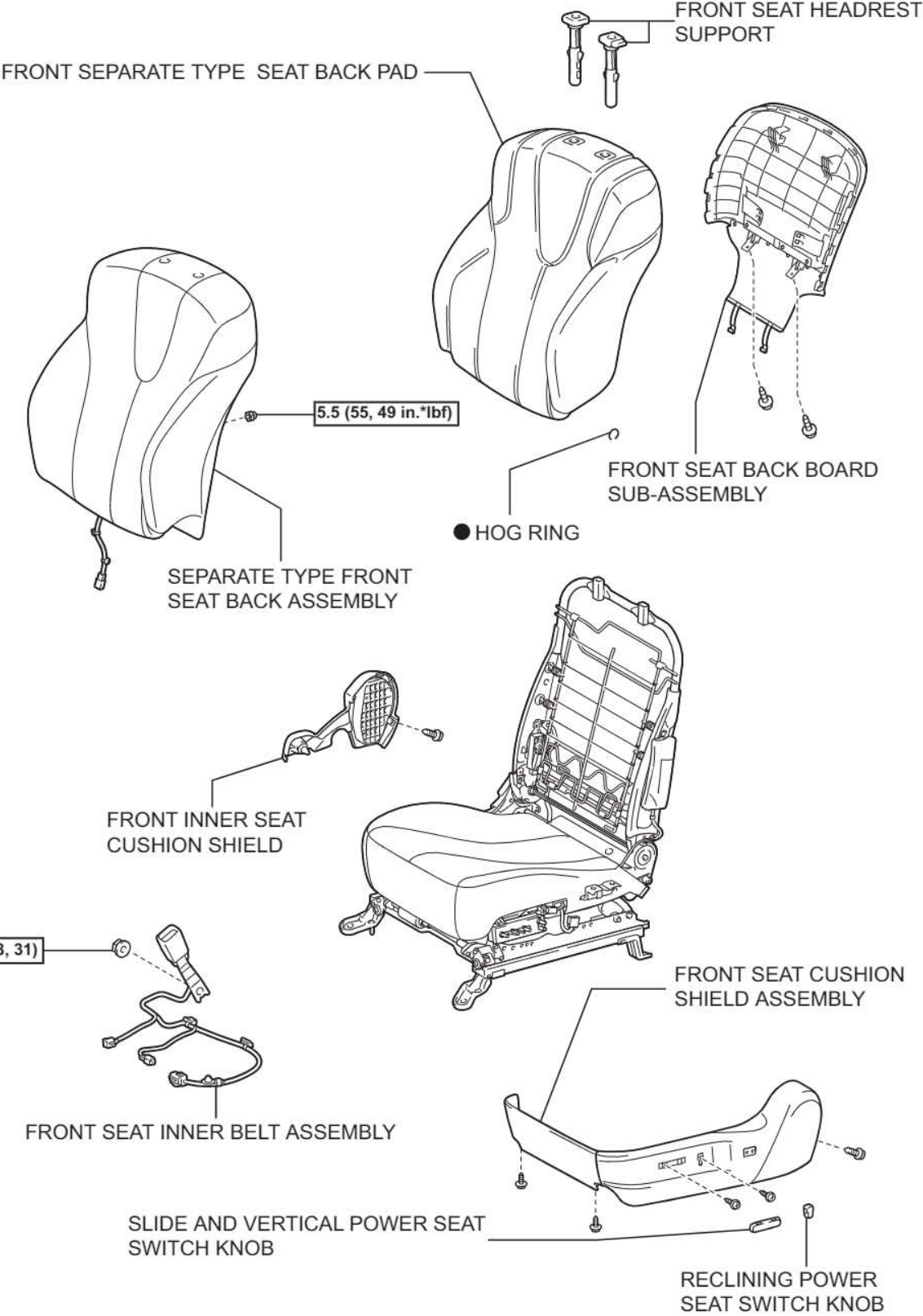
N*m (kgf*cm, ft.*lbf) : Specified torque

P

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SE-104

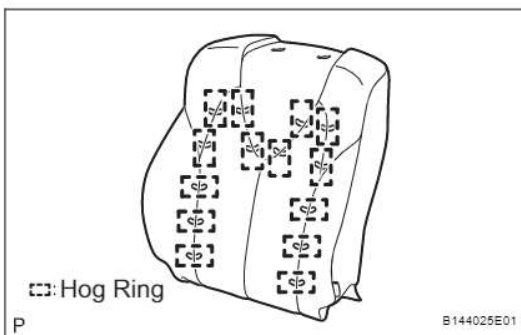
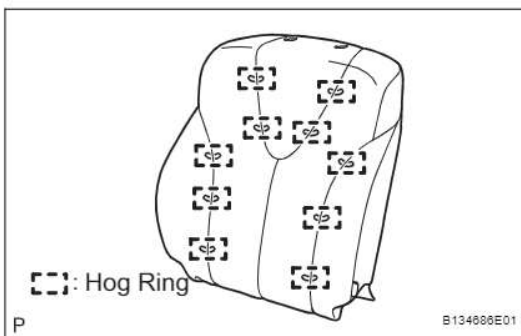
SEAT – FRONT SEATBACK HEATER



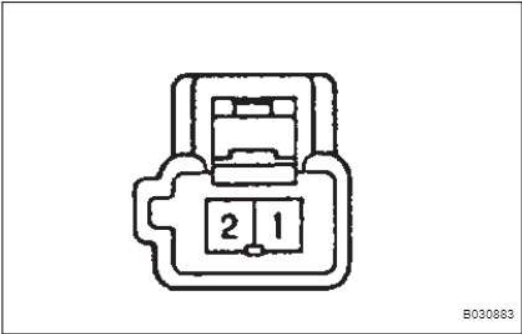
N*m (kgf*cm, ft.*lbf) : Specified torque ● Non-reusable part

REMOVAL

1. REMOVE FRONT SEAT HEADREST ASSEMBLY
2. REMOVE SEAT TRACK COVER (See page SE-30)
3. REMOVE INNER SEAT TRACK BRACKET COVER (See page SE-30)
4. REMOVE FRONT SEAT ASSEMBLY (See page SE-30)
5. REMOVE RECLINING POWER SEAT SWITCH KNOB (See page SE-31)
6. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB (See page SE-31)
7. REMOVE FRONT SEAT CUSHION SHIELD ASSEMBLY (See page SE-32)
8. REMOVE FRONT SEAT INNER BELT ASSEMBLY (See page SB-16)
9. REMOVE FRONT INNER SEAT CUSHION SHIELD (See page SE-33)
10. REMOVE FRONT SEAT BACK BOARD SUB-ASSEMBLY (See page SE-35)
11. REMOVE FRONT SEAT HEADREST SUPPORT (See page SE-35)
12. REMOVE FRONT SEAT HEADREST SUPPORT
13. REMOVE SEPARATE TYPE FRONT SEAT BACK ASSEMBLY
14. REMOVE FRONT SEPARATE TYPE SEAT BACK COVER (for Except Sports Seat Type)
 - (a) Remove the 10 hog rings and front separate type seat back cover from the seat back pad.



15. REMOVE FRONT SEPARATE TYPE SEAT BACK COVER (for Sports Seat Type)
 - (a) Remove the 14 hog rings and front separate type seat back cover from the seat back pad.

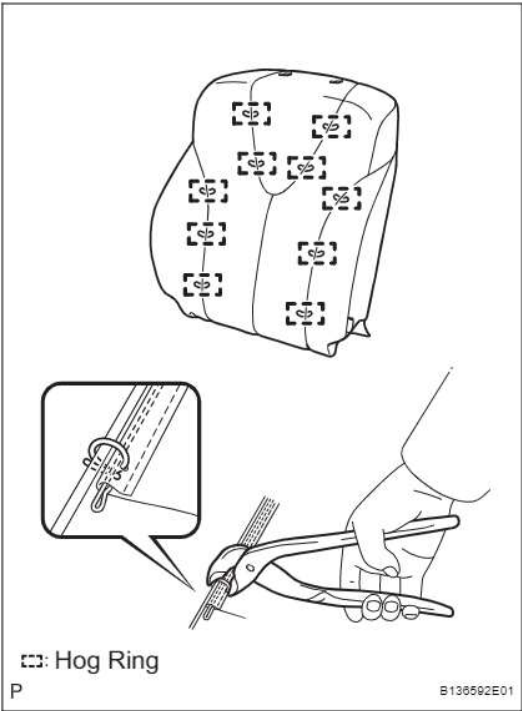


INSPECTION

1. INSPECT FRONT SEAT BACK HEATER
- (a) Measure the resistance according to the value(s) in the table below.
- Standard resistance**

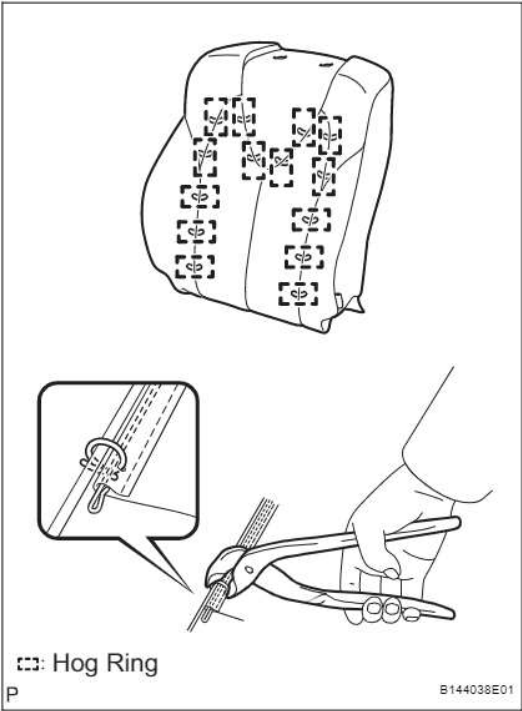
Tester Connection	Condition	Specified Condition
1 - 2	Always	Below 1 Ω

SE



INSTALLATION

1. INSTALL FRONT SEPARATE TYPE SEAT BACK COVER (for Except Sports Seat Type)
- (a) Using hog ring pliers, install the front separate type seat back cover to the front seat back pad with 10 new hog rings.
- NOTICE:**
- Be careful not to damage the cover.
 - When installing the hog rings, take care to minimize wrinkles as much as possible.



2. INSTALL FRONT SEPARATE TYPE SEAT BACK COVER (for Sports Seat Type)
- (a) Using hog ring pliers, install the front separate type seat back cover to the front seat back pad with 14 new hog rings.
- NOTICE:**
- Be careful not to damage the cover.
 - When installing the hog rings, take care to minimize wrinkles as much as possible.
3. INSTALL SEPARATE TYPE FRONT SEAT BACK ASSEMBLY
4. INSTALL FRONT SEAT HEADREST SUPPORT
5. INSTALL FRONT SEAT HEADREST SUPPORT
6. INSTALL FRONT SEAT BACK BOARD SUB-ASSEMBLY
7. INSTALL FRONT INNER SEAT CUSHION SHIELD
8. INSTALL FRONT SEAT INNER BELT ASSEMBLY (See page [SB-17](#))

SEAT – FRONT SEATBACK HEATER**SE-107**

9. **INSTALL FRONT SEAT CUSHION SHIELD ASSEMBLY**
10. **INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB**
11. **INSTALL RECLINING POWER SEAT SWITCH KNOB**
12. **INSTALL FRONT SEAT ASSEMBLY (See page [SE-41](#))**
13. **INSTALL INNER SEAT TRACK BRACKET COVER (See page [SE-42](#))**
14. **INSTALL SEAT TRACK COVER (See page [SE-42](#))**
15. **INSTALL FRONT SEAT HEADREST ASSEMBLY**

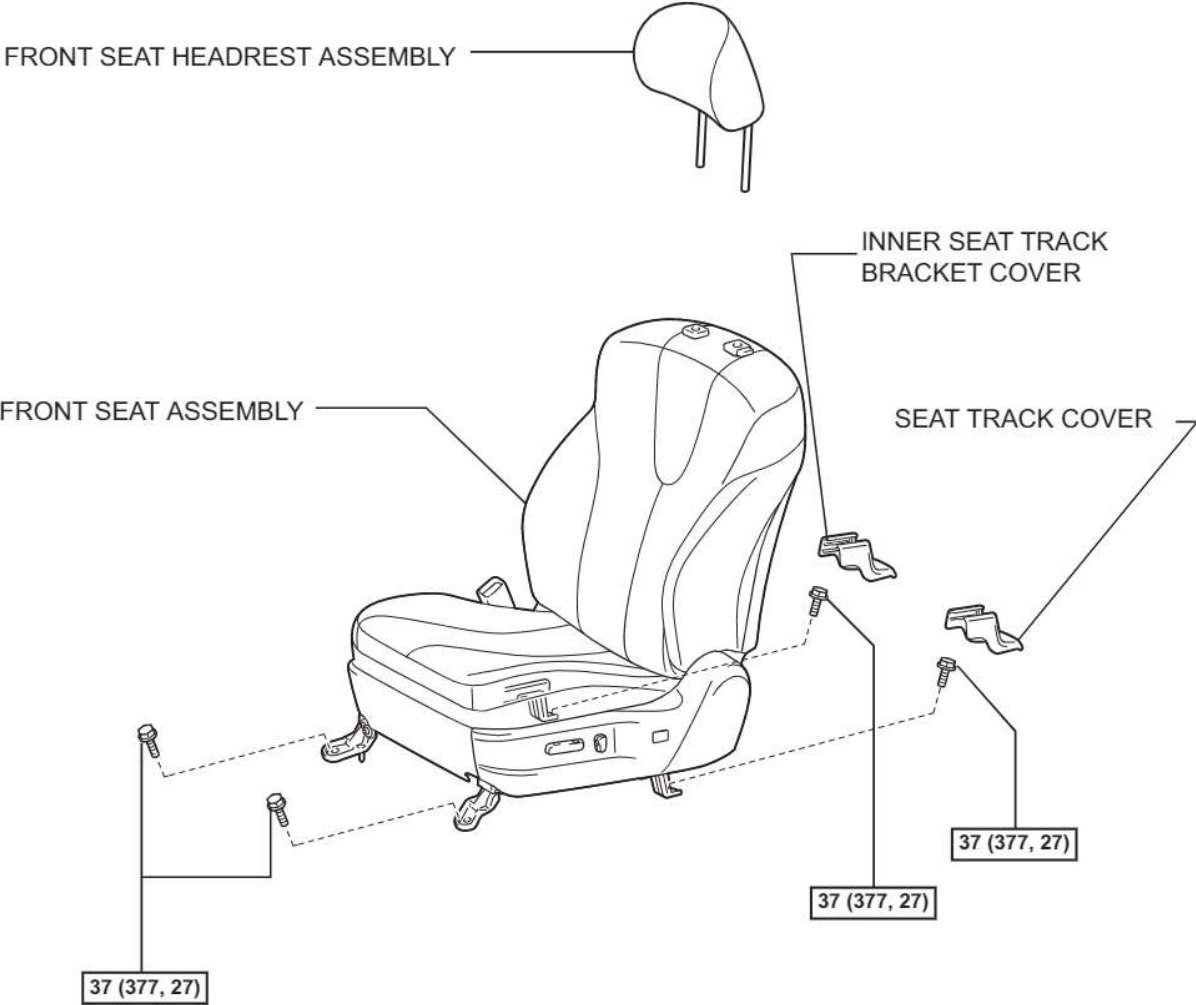
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SE-108

SEAT – FRONT SEAT CUSHION HEATER

FRONT SEAT CUSHION HEATER
COMPONENTS

SE



N*m (kgf*cm, ft.*lbf) : Specified torque

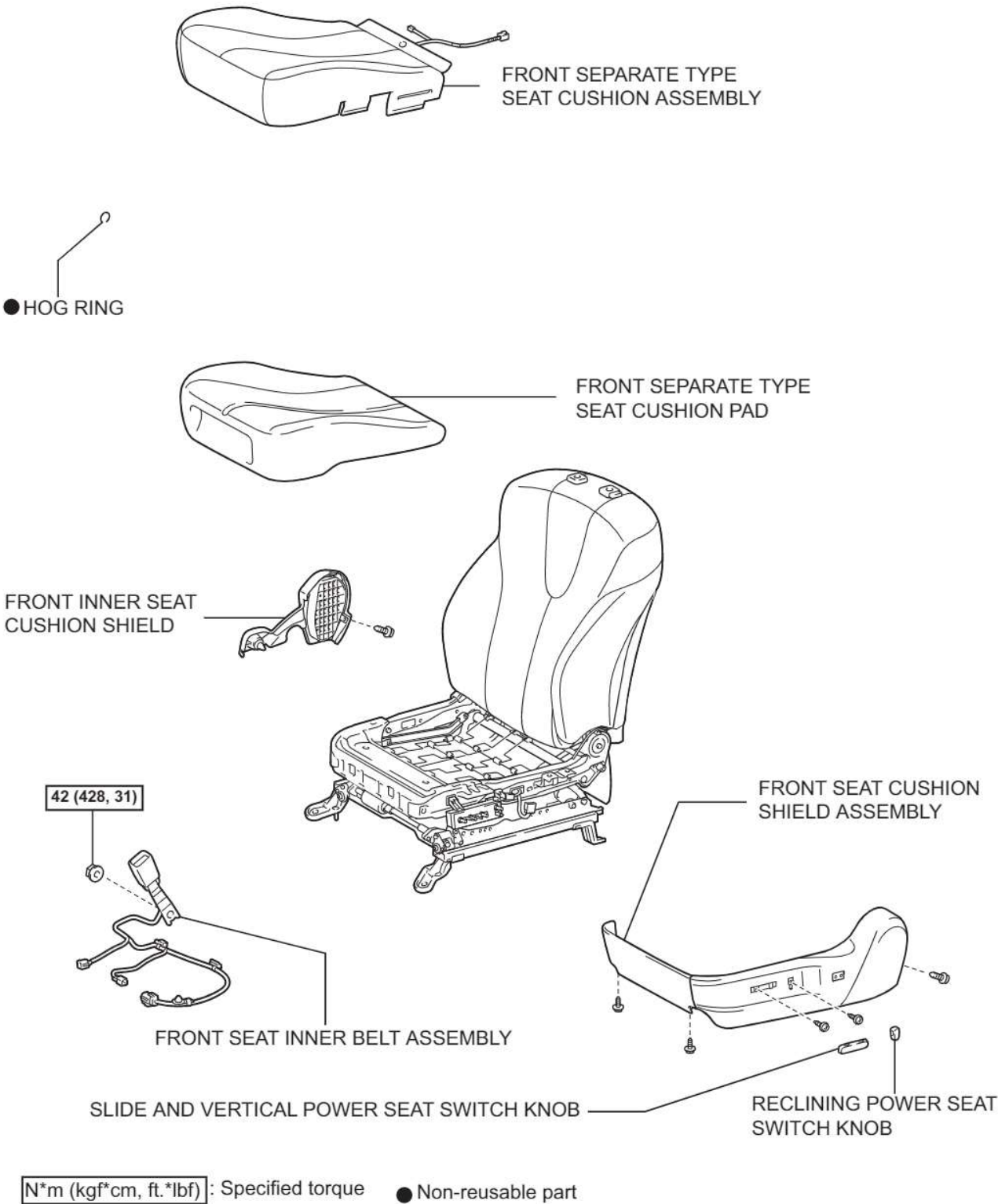
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SEAT – FRONT SEAT CUSHION HEATER

SE-109

SE

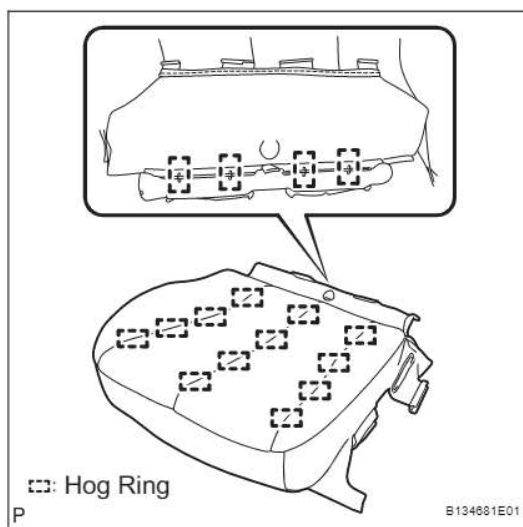


SE-110

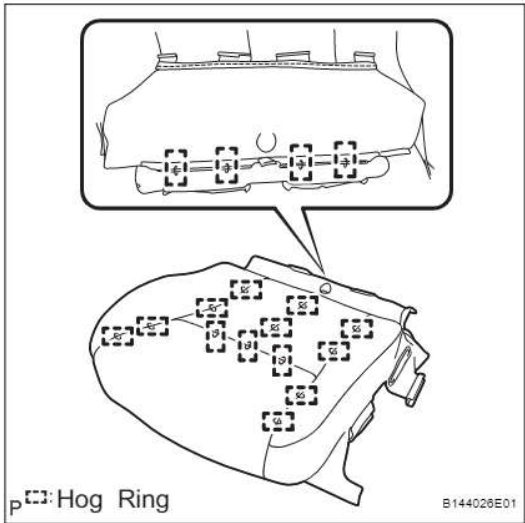
SEAT – FRONT SEAT CUSHION HEATER

REMOVAL

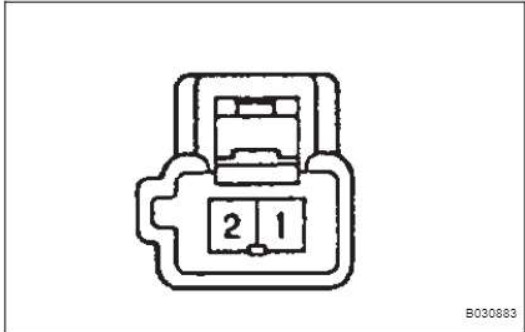
1. REMOVE FRONT SEAT HEADREST ASSEMBLY
2. REMOVE SEAT TRACK COVER (See page [SE-30](#))
3. REMOVE INNER SEAT TRACK BRACKET COVER (See page [SE-30](#))
4. REMOVE FRONT SEAT ASSEMBLY (See page [SE-30](#))
5. REMOVE RECLINING POWER SEAT SWITCH KNOB (See page [SE-31](#))
6. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB (See page [SE-31](#))
7. REMOVE FRONT SEAT CUSHION SHIELD ASSEMBLY (See page [SE-32](#))
8. REMOVE FRONT SEAT INNER BELT ASSEMBLY (See page [SB-16](#))
9. REMOVE FRONT INNER SEAT CUSHION SHIELD (See page [SE-33](#))
10. REMOVE FRONT SEPARATE TYPE SEAT CUSHION ASSEMBLY (See page [SE-34](#))
11. REMOVE FRONT SEPARATE TYPE SEAT CUSHION COVER (for Except Sport Seat Type)
 - (a) Remove the 16 hog rings and seat cushion cover from the seat cushion pad.



SE

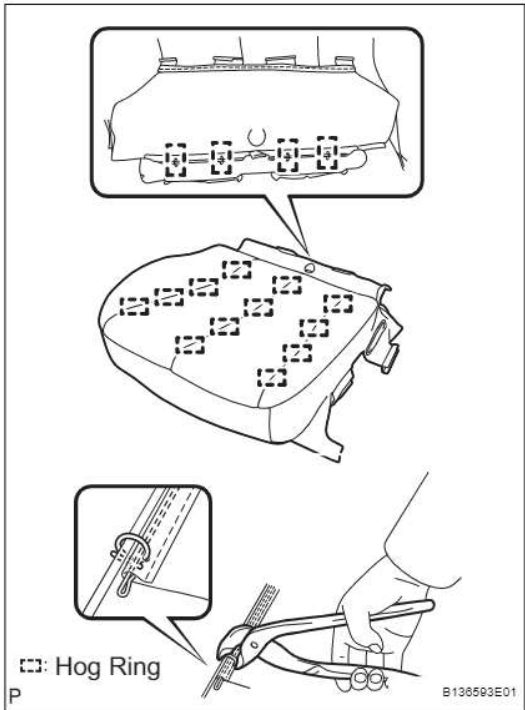


- 12. REMOVE FRONT SEPARATE TYPE SEAT CUSHION COVER (for Sport Seat Type)**
- (a) Remove the 17 hog rings and seat cushion cover from the seat cushion pad.



- INSPECTION**
- 1. INSPECT FRONT SEAT CUSHION HEATER**
- (a) Measure the resistance according to the value(s) in the table below.
- Standard resistance**

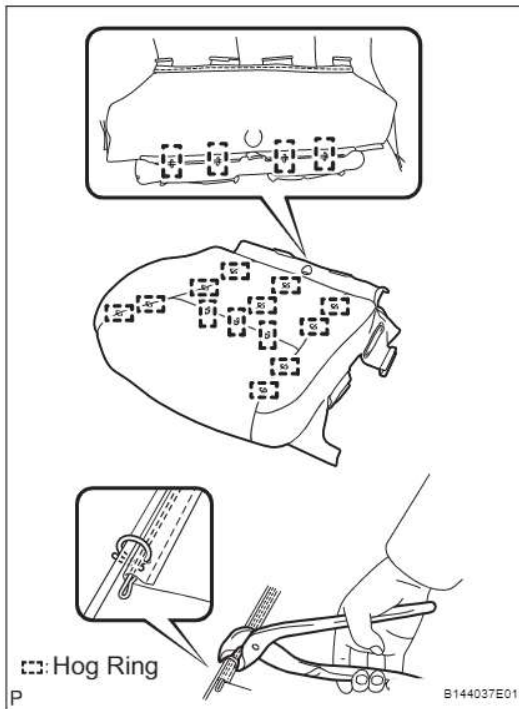
Tester Connection	Condition	Specified Condition
1 - 2	Always	Below 1 Ω



- INSTALLATION**
- 1. INSTALL FRONT SEPARATE TYPE SEAT CUSHION COVER (for Except Sport Seat Type)**
- (a) Using hog ring pliers, install 16 new hog rings.
- NOTICE:**
- Be careful not to damage the cover.
 - When installing the hog rings, take care to minimize wrinkles as much as possible.

SE-112

SEAT – FRONT SEAT CUSHION HEATER



2. **INSTALL FRONT SEPARATE TYPE SEAT CUSHION COVER (for Sport Seat Type)**
 - (a) Using hog ring pliers, install 17 new hog rings.

NOTICE:

 - Be careful not to damage the cover.
 - When installing the hog rings, take care to minimize wrinkles as much as possible.
3. **INSTALL FRONT SEPARATE TYPE SEAT CUSHION ASSEMBLY**
4. **INSTALL FRONT INNER SEAT CUSHION SHIELD**
5. **INSTALL FRONT SEAT INNER BELT ASSEMBLY** (See page [SB-17](#))
6. **INSTALL FRONT SEAT CUSHION SHIELD ASSEMBLY**
7. **INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB**
8. **INSTALL RECLINING POWER SEAT SWITCH KNOB**
9. **INSTALL FRONT SEAT ASSEMBLY** (See page [SE-41](#))
10. **INSTALL INNER SEAT TRACK BRACKET COVER** (See page [SE-42](#))
11. **INSTALL SEAT TRACK COVER** (See page [SE-42](#))
12. **INSTALL FRONT SEAT HEADREST ASSEMBLY**