

SEAT BELT – SEAT BELT WARNING SYSTEM**SB-3****PROBLEM SYMPTOMS TABLE****HINT:**

Use the table below to help determine the cause of the problem symptom. The potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

Seat belt warning system

Symptom	Suspected area	See page
Driver side seat belt warning light does not light up	1. GAUGE fuse	SB-2
	2. Combination meter	ME-46
	3. Center airbag sensor assembly	RS-325
	4. Front seat inner belt assembly LH	SB-5
	5. Wire harness	
Driver side seat belt warning light does not blink	1. Combination meter	ME-46
	2. Center airbag sensor assembly	RS-325
	3. Front seat inner belt assembly LH	SB-5
	4. Wire harness	
Passenger side seat belt warning light does not light up	1. GAUGE fuse	SB-2
	2. Front seat cushion pad RH	SB-5
	3. Instrument panel garnish sub-assembly	IP-2
	4. Front seat inner belt assembly RH	SB-5
	5. Combination meter	ME-49
	6. Wire harness	
Passenger side seat belt warning light does not blink	1. Instrument panel garnish sub-assembly	IP-2
	2. Front seat cushion pad RH	SB-5
	3. Front seat inner belt assembly RH	SB-5
	4. Combination meter	ME-49
	5. Wire harness	

SB

INSTALLATION

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the RH side.
- A bolt without a torque specification is shown in the standard bolt chart (see page [SS-2](#)).

1. INSTALL FRONT SEAT INNER BELT ASSEMBLY RH

- (a) Install the inner belt with the bolt.

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

2. INSTALL FRONT SEAT ASSEMBLY RH (See page [SE-9](#))

3. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

4. PERFORM INITIALIZATION

- (a) Perform initialization (see page [IN-23](#)).

NOTICE:

Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.

SB

REMOVAL

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the RH side.

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

NOTICE:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE FRONT DOOR SCUFF PLATE RH (See page [IR-7](#))

3. REMOVE COWL SIDE TRIM BOARD RH (See page [IR-7](#))

4. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP RH

5. REMOVE REAR DOOR SCUFF PLATE RH (See page [IR-7](#))

6. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP RH

7. REMOVE CENTER PILLAR GARNISH LOWER RH (See page [IR-8](#))

8. REMOVE FRONT SEAT OUTER BELT ASSEMBLY RH

CAUTION:

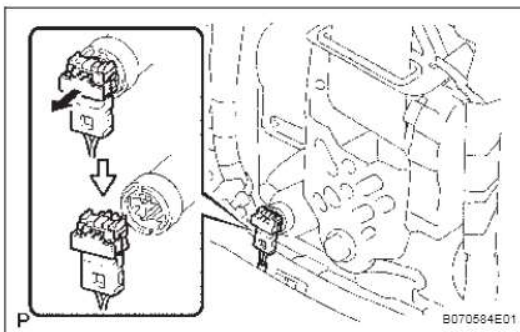
Carefully read the notices for the pretensioner in the SRS airbag system section and the front seat outer belt section (see page [RS-1](#)).

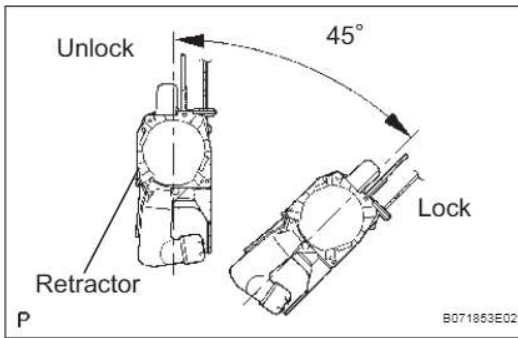
- Remove the floor anchor cover.
- Remove the bolt and outer belt on the floor anchor side.
- Remove the shoulder anchor cover.
- Remove the bolt and outer belt on the shoulder anchor side.
- Disconnect the pretensioner connector as shown in the illustration.
- Remove the 2 bolts on the retractor side and remove the outer belt completely.

9. REMOVE CENTER PILLAR GARNISH UPPER RH (See page [IR-8](#))

10. REMOVE FRONT SHOULDER BELT ANCHOR ADJUSTER ASSEMBLY

- Remove the 2 bolts and anchor adjuster.



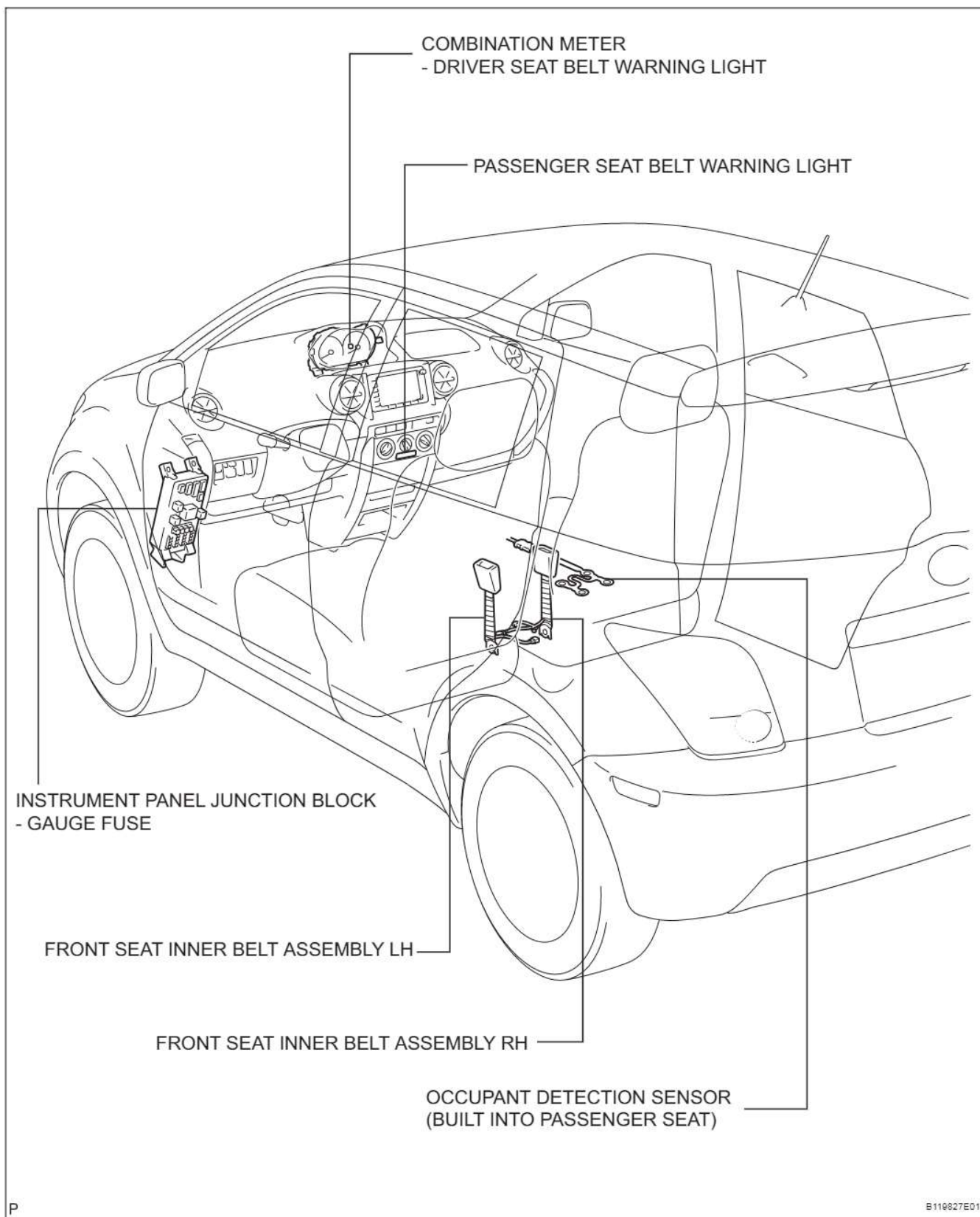
SB-10**SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY****INSPECTION****1. INSPECT FRONT SEAT OUTER BELT ASSEMBLY
NOTICE:****Do not disassemble the retractor.**

- (a) When the inclination of the retractor is 15° or less, check that the belt can be pulled from the retractor. When the inclination of the retractor is over 45°, check that the belt locks. If the operation is not as specified, replace the belt.

SB

SEAT BELT WARNING SYSTEM

PARTS LOCATION

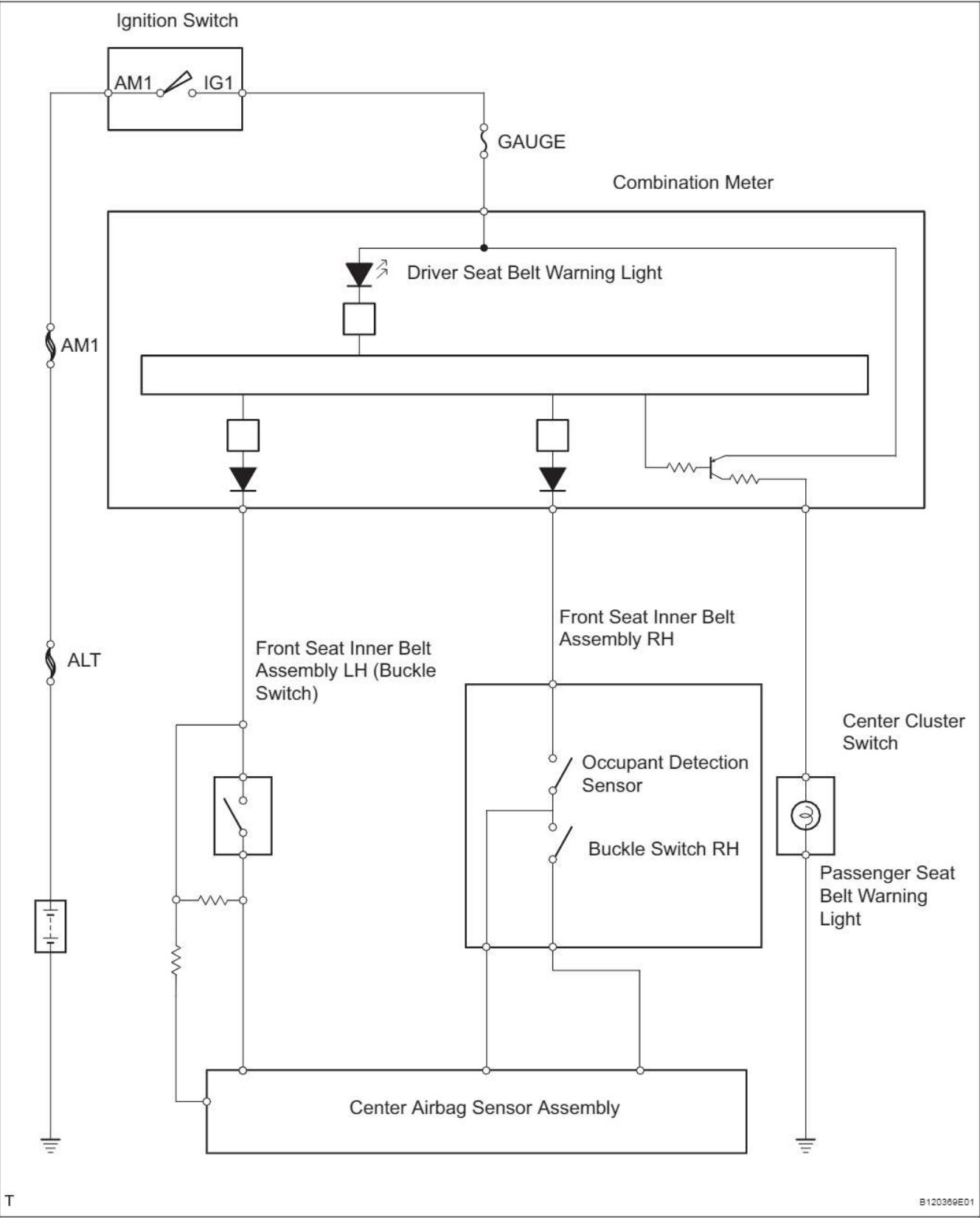


SB

SB-2

SEAT BELT – SEAT BELT WARNING SYSTEM

SYSTEM DIAGRAM



INSTALLATION

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the RH side.
- A bolt without a torque specification is shown in the standard bolt chart (see page [SS-2](#)).

1. INSTALL FRONT SHOULDER BELT ANCHOR ADJUSTER ASSEMBLY

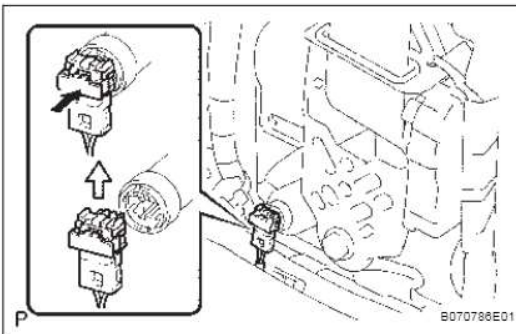
- (a) Install the anchor adjuster with the 2 bolts.
Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)

2. INSTALL CENTER PILLAR GARNISH UPPER RH (See page [IR-16](#))

3. INSTALL FRONT SEAT OUTER BELT ASSEMBLY RH

- (a) Install the outer belt with the 2 bolts on the retractor side.

Torque: 5.0 N*m (51 kgf*cm, 44 in.*lbf) for upper bolt
42 N*m (428 kgf*cm, 31 ft.*lbf) for lower bolt



- (b) Connect the pretensioner connector as shown in the illustration.
- (c) Install the outer belt with the bolt on the shoulder anchor side.
Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)
- (d) Install the shoulder anchor cover.
- (e) Install the outer belt with the bolt on the floor anchor side.
Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)
- (f) Install the floor anchor cover.
- (g) With the belt installed, check that the belt locks when it is pulled out quickly.

NOTICE:

The check should be performed with the outer belt assembly installed.

If the operation is not as specified, replace the belt.

- (h) Check the fastening function of the child restraint system.

NOTICE:

The check should be performed with the outer belt installed.

- (1) When the belt is pulled out fully, the belt should automatically try to retract.
- (2) After the belt has fully retracted, the belt should be able to be pulled out and retracted again.
If the operation is not as specified, replace the belt.

4. INSTALL CENTER PILLAR GARNISH LOWER RH (See page [IR-16](#))

5. INSTALL REAR DOOR OPENING TRIM WEATHERSTRIP RH

SB

SB-12**SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY**

SB

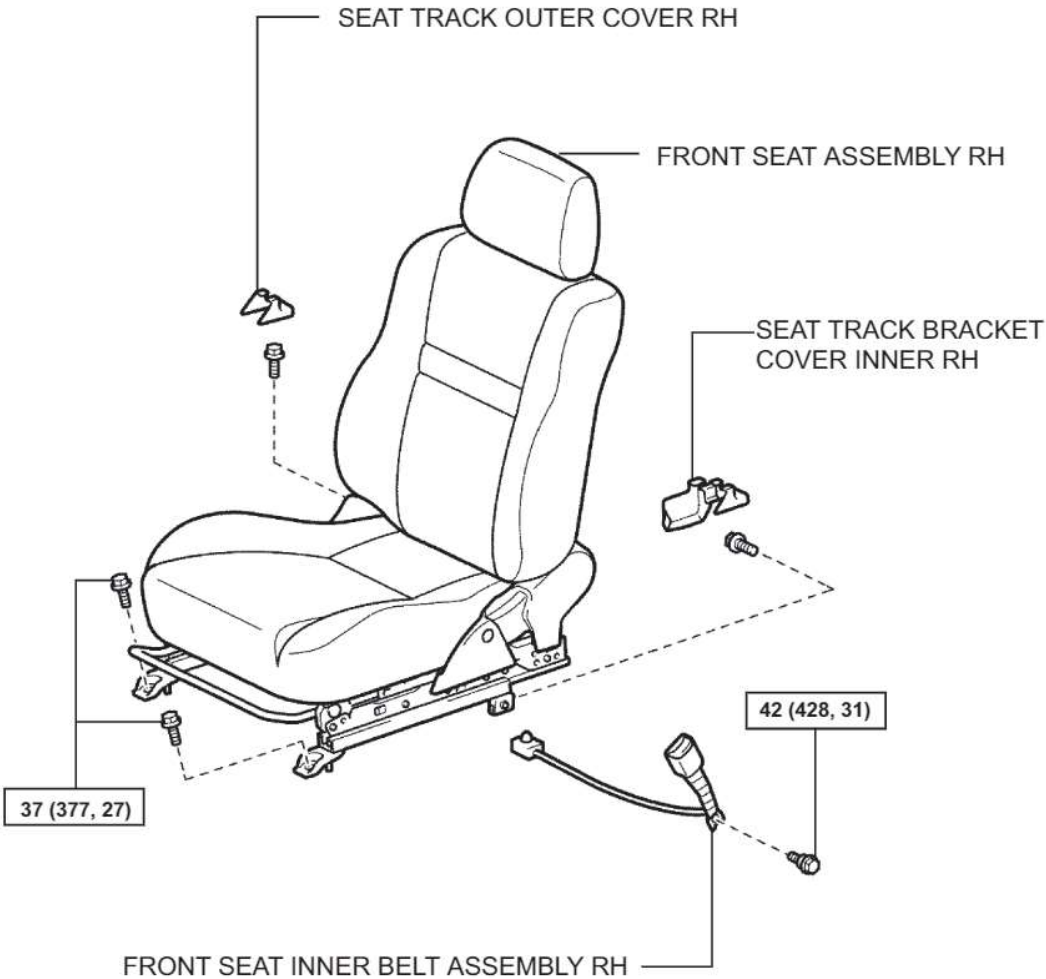
6. **INSTALL REAR DOOR SCUFF PLATE RH** (See page [IR-17](#))
7. **INSTALL FRONT DOOR OPENING TRIM WEATHERSTRIP RH**
8. **INSTALL COWL SIDE TRIM BOARD RH** (See page [IR-17](#))
9. **INSTALL FRONT DOOR SCUFF PLATE RH** (See page [IR-17](#))
10. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
11. **PERFORM INITIALIZATION**
 - (a) Perform initialization (see page [IN-23](#)).
NOTICE:
Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.

SB-4

SEAT BELT – FRONT SEAT INNER BELT ASSEMBLY

FRONT SEAT INNER BELT ASSEMBLY
COMPONENTS

SB



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

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SEAT BELT – FRONT SEAT INNER BELT ASSEMBLY

REMOVAL

- HINT:
- Use the same procedures for the RH side and LH side.
 - The procedures listed below are for the RH side.
1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
CAUTION:
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.
 2. **REMOVE FRONT SEAT ASSEMBLY RH (See page SE-3)**
 3. **REMOVE FRONT SEAT INNER BELT ASSEMBLY RH**
(a) Remove the bolt and inner belt.

SB

INSPECTION

1. **INSPECT FRONT SEAT INNER BELT ASSEMBLY LH**
(a) Check the buckle switch.
 - (1) Fasten the seat belt (buckle switch is ON).
 - (2) Measure the resistance between the terminals.
Standard resistance

Tester Connection	Specified Condition
A-1 - A-2	1,330 Ω
A-1 - A-3	10 kΩ or higher

- (3) Release the seat belt (buckle switch is OFF).
 - (4) Measure the resistance between the terminals.
Standard resistance

Tester Connection	Specified Condition
A-1 - A-2	330 Ω
A-1 - A-3	Below 1 Ω

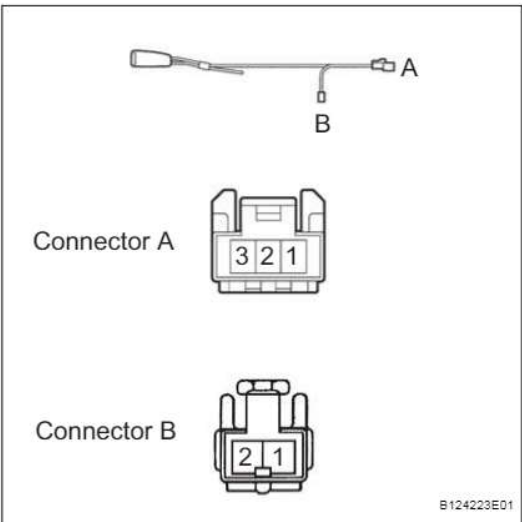
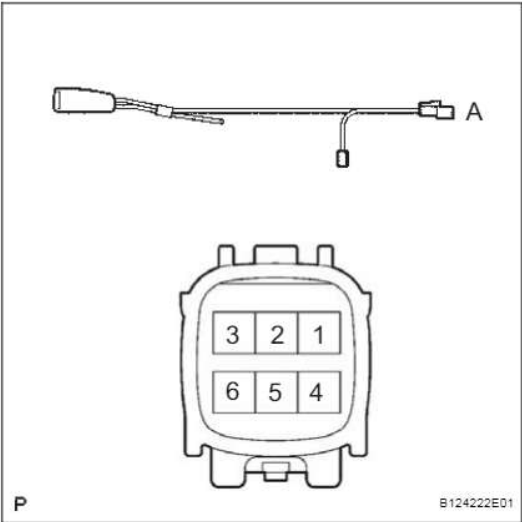
If the result is not as specified, replace the inner belt assembly.

2. **INSPECT FRONT SEAT INNER BELT ASSEMBLY RH**
(a) Check the buckle switch.
 - (1) Fasten the seat belt (buckle switch is ON).
 - (2) Measure the resistance between the terminals.
Standard resistance

Tester Connection	Specified Condition
A-1 - A-2	1,330 Ω
A-1 - B-2	10 kΩ or higher
A-3 - B-1	Below 1 Ω

- (3) Release the seat belt (buckle switch is OFF).
 - (4) Measure the resistance between the terminals.
Standard resistance

Tester Connection	Specified Condition
A-1 - A-2	330 Ω
A-1 - B-2	Below 1 Ω
A-3 - B-1	Below 1 Ω



SB-6

SEAT BELT – FRONT SEAT INNER BELT ASSEMBLY

If the result is not as specified, replace the inner belt assembly.

3. INSPECT OCCUPANT DETECTION SENSOR

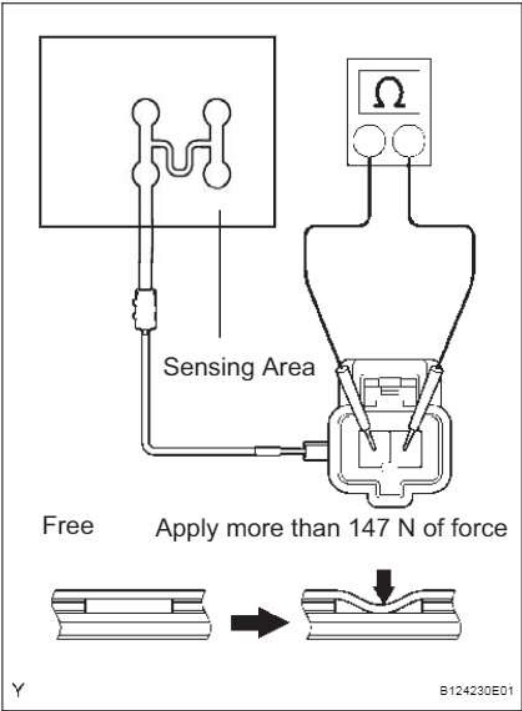
(a) Measure the resistance of the sensor.

Standard resistance

Tester Connection	Specified Condition
Apply more than 147 N (15 kgf, 33 lbf) to occupant detection sensor	Below 100 Ω
Seat not occupied	1 MΩ or higher

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

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SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY

SB-13

DISPOSAL

HINT:

When scrapping vehicles equipped with a seat belt pretensioner or disposing of a front seat outer belt (with seat belt pretensioner), always first activate the seat belt pretensioner in accordance with the procedures described below. If any abnormality occurs during activation of the seat belt pretensioner, contact the SERVICE DEPARTMENT of TOYOTA MOTOR SALES, U.S.A., INC.

CAUTION:

- Never dispose of a front seat outer belt that has a non-activated pretensioner.
- The seat belt pretensioner produces a loud, exploding sound when it activates. Perform the operation where it will not be a nuisance to nearby people.
- When activating a front seat outer belt (with seat belt pretensioner), stand at least 10 m (33 ft.) away from the front seat outer belt.
- Use gloves and safety glasses when handling a front seat outer belt with an activated pretensioner.
- Always wash your hands with water after completing the disposal.
- Do not apply water to a front seat outer belt that has an activated pretensioner.
- Perform procedures in a place away from electrical interference.
- When activating the seat belt pretensioner, always use the specified SST (SRS airbag deployment tool).

1. DISPOSE OF FRONT SEAT OUTER BELT ASSEMBLY (WHEN INSTALLED IN VEHICLE)

HINT:

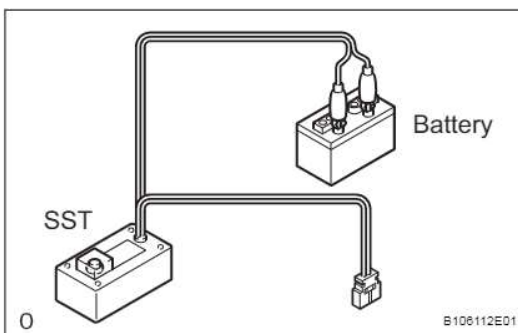
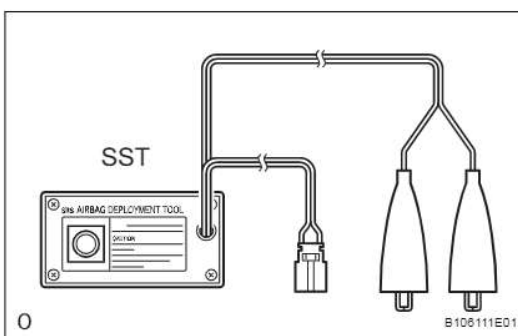
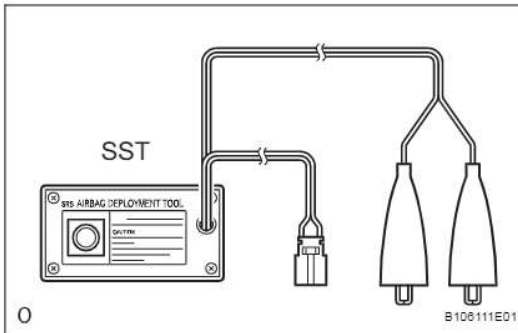
Prepare a battery to activate the seat belt pretensioner.

- (a) Check if SST is functioning properly.

SST 09082-00700

NOTICE:

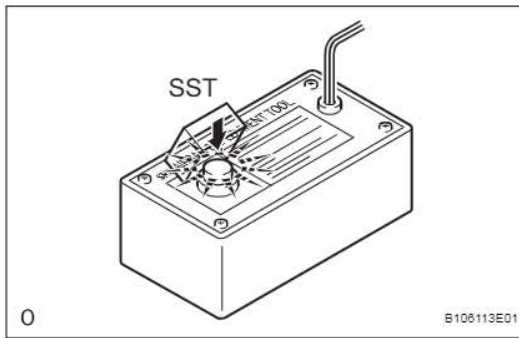
When activating the seat belt pretensioner, always use the specified SST.



- (1) Connect the SST's red clip to the battery's positive (+) terminal and the black clip to the battery's negative (-) terminal.
- HINT:
Do not connect the yellow connector. The yellow connector is used to connect to the seat belt pretensioner.

SB-14

SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY

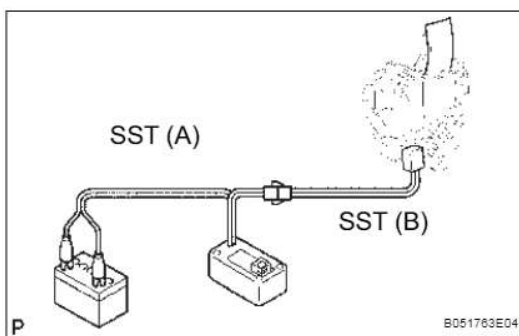
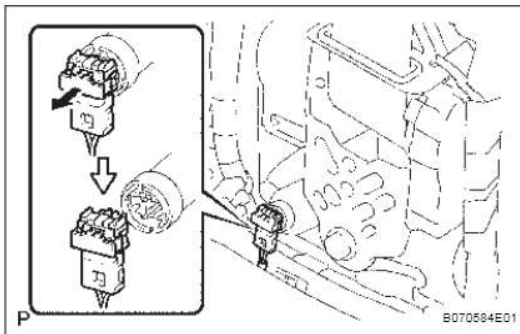


- (2) Press the SST activation switch and check that the LED of the SST activation switch illuminates.

NOTICE:

If the LED illuminates when the activation switch is not being pressed, SST may be malfunctioning. Replace SST with a new one.

- (b) Disconnect SST from the battery.
 (c) Disconnect the pretensioner connector.
 (1) Disconnect the cable from the negative (-) battery terminal.
 (2) Check the SRS airbag system (see page RS-1).
 (3) Remove the front door scuff plate (see page IR-7).
 (4) Remove the rear door scuff plate (see page IR-7).
 (5) Remove the front door opening trim (see page IR-7).
 (6) Remove the rear door opening trim (see page IR-7).
 (7) Remove the center pillar garnish lower (see page IR-8).
 (8) Disconnect the pretensioner connector as shown in the illustration.
 (d) Prepare SST for activation of the seat belt pretensioner.
 (1) Install the floor anchor of the seat belt.



- (2) Connect SST (A) to SST (B). Then connect SST (B)'s connector to the seat belt pretensioner.

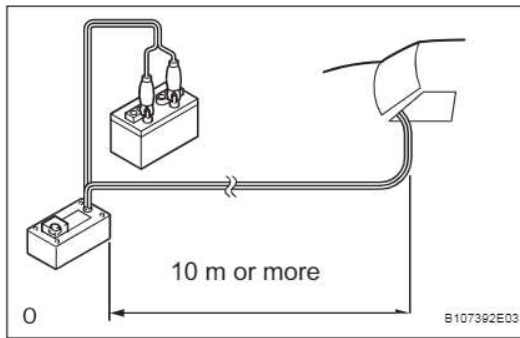
SST 09082-00700, 09082-00770

NOTICE:

To avoid damaging SST connector and wire harness, do not lock the secondary lock of the twin lock.

SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY

SB-15



- (3) Move SST at least 10 m (33 ft.) away from the front of the vehicle.
- (4) Close all the doors and windows of the vehicle.
HINT:
Leave a gap in one of the windows for inserting SST wire harness.

NOTICE:**Take care not to damage SST wire harness.**

- (5) Connect the SST's red clip to the battery's positive (+) terminal and the black clip to the negative (-) terminal.
- (e) Activate the seat belt pretensioner.
- (1) Confirm that no one is inside the vehicle or within 10 m (33 ft.) of the vehicle.
 - (2) Press the SST activation switch to activate the seat belt pretensioner.
HINT:
The seat belt pretensioner operates at the same time the SST activation switch's LED illuminates.
- (f) Dispose of the front seat outer belt (with the seat belt pretensioner).

CAUTION:

- Do not touch the front seat outer belt for at least 30 minutes after the seat belt pretensioner has been activated. It is very hot.
- Use gloves and safety glasses when handling a front seat outer belt whose pretensioner has been activated.
- Always wash your hands with water after completing the disposal.
- Do not apply water to a front seat outer belt that has an activated pretensioner.

HINT:

When scrapping a vehicle, activate the seat belt pretensioner, and then scrap the vehicle with the activated front seat outer belt installed.

2. DISPOSE OF FRONT SEAT OUTER BELT ASSEMBLY (WHEN NOT INSTALLED IN VEHICLE)

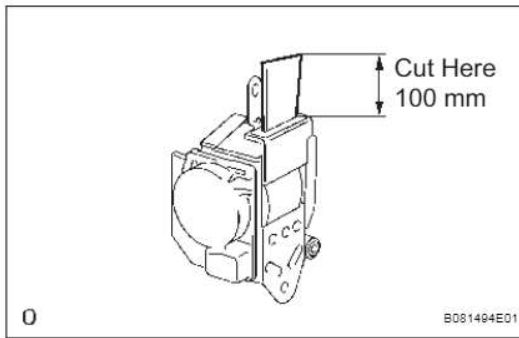
NOTICE:

- When only disposing of the front seat outer belt (with the seat belt pretensioner), never use the customer's vehicle to activate the seat belt pretensioner.
- Be sure to follow the procedures listed below when activating the seat belt pretensioner.

SB-16

SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY

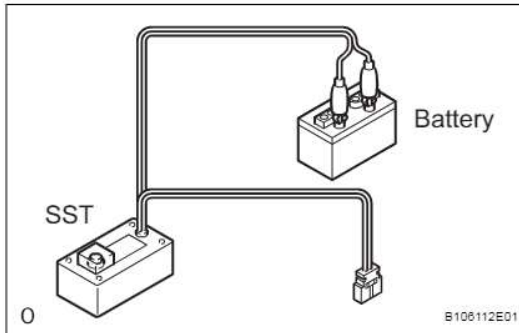
SB



- (a) Remove the front seat outer belt.
- (1) Wind the seat belt with the retractor.
 - (2) When the seat belt is sufficiently wound, cut the seat belt approximately 100 mm (0.39 in.) from the retractor, as shown in the illustration.

HINT:

The seat belt is designed so that winding the seat belt before pretensioner activation will decrease the pulling power of the seat belt during pretensioner activation.

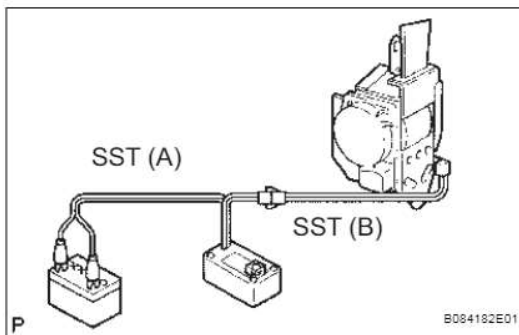


- (b) Check if SST is functioning properly.

SST 09082-00700, 09082-00770

CAUTION:

When activating a seat belt pretensioner, always use the specified SST.



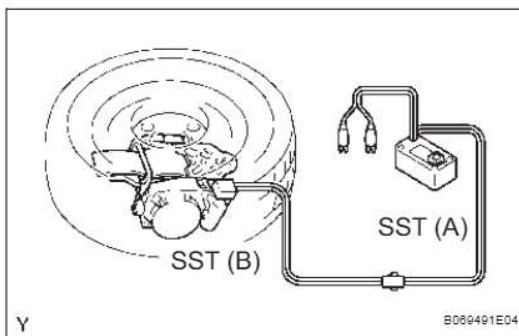
- (c) Prepare SST for activation of the seat belt pretensioner.

- (1) Connect SST (A) to SST (B). Then connect SST (B)'s connector to the seat belt pretensioner.

SST 09082-00700, 09082-00770

NOTICE:

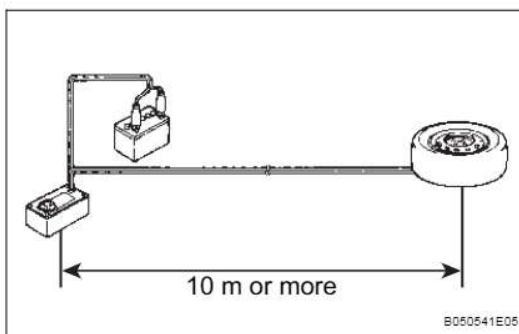
To avoid damaging the SST connector and wire harness, do not lock the secondary lock of the twin lock.



- (2) Place the front seat outer belt on the ground and cover it with a tire (with wheel).

NOTICE:

Set up the front seat outer belt as shown in the illustration.



- (3) Move SST at least 10 m (33 ft.) away from the wheel.

NOTICE:

Take care not to damage the SST wire harness.

- (d) Activate the seat belt pretensioner.

- (1) Connect the SST's red clip to the battery's positive (+) terminal and the black clip to the battery's negative (-) terminal.
- (2) Check that no one is within 10 m (33 ft.) of the wheel.

SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY**SB-17**

- (3) Press the SST activation switch to activate the seat belt pretensioner.

HINT:

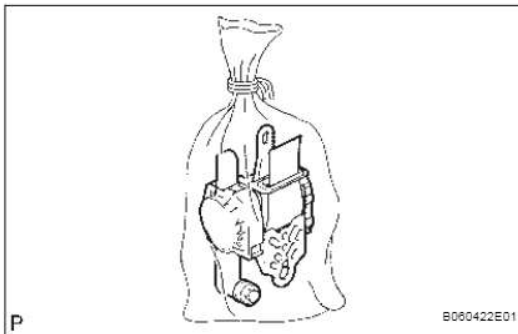
The seat belt pretensioner operates at the same time the SST activation switch's LED illuminates.

- (e) Dispose of the front seat outer belt (with the seat belt pretensioner).

CAUTION:

- Do not touch the front seat outer belt for at least 30 minutes after the seat belt pretensioner has been activated. It is very hot.
- Use gloves and safety glasses when handling a front seat outer belt whose pretensioner has been activated.
- Always wash your hands with water after completing the disposal.
- Do not apply water to a front seat outer belt that has an activated pretensioner.

- (1) Remove the tire (with wheel) and SST.
- (2) Place the front seat outer belt in a plastic bag, tie the end tightly, and dispose of it in the same way as other general parts.

SB

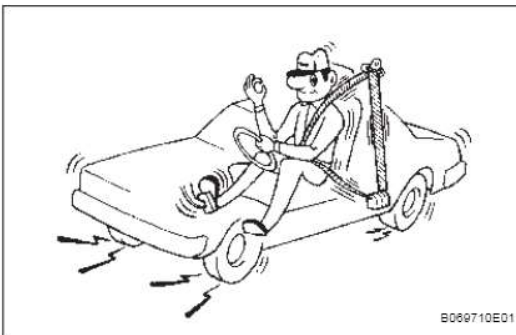
FRONT SEAT OUTER BELT ASSEMBLY

PRECAUTION

CAUTION:

Replace the faulty parts of the seat belt systems (outer belt, inner belt, bolts, nuts, adjustable shoulder anchor, tether anchor hardware and other related parts).

When inspecting a vehicle that was recently in a collision, be sure to check all of the seat belt systems regardless of whether or not the system was activated in the collision. Replace any damaged or malfunctioning systems.

SB

1. RUNNING TEST (IN SAFE AREA)

CAUTION:

Conduct this test in a safe area.

- (a) Fasten the front seat belts.
- (b) Drive the vehicle at 16 km/h (10 mph) and firmly depress the brakes. Check that the belts lock and cannot be extended at this time.

If a belt does not lock, replace the seat belt assembly (see page [SB-9](#)).

HINT:

Inspect a seat belt assembly before installing it (see page [SB-10](#)).

SB-8

SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY

COMPONENTS

SB

FRONT SHOULDER BELT
ANCHOR ADJUSTER ASSEMBLY

42 (428, 31)

w/ Curtain Shield Airbag

CENTER PILLAR GARNISH UPPER RH

CENTER PILLAR
GARNISH UPPER RHFRONT DOOR
OPENING TRIM
WEATHERSTRIP
RHREAR DOOR
OPENING TRIM
WEATHERSTRIP
RHFRONT DOOR SCUFF
PLATE RHREAR DOOR SCUFF
PLATE RHSHOULDER
ANCHOR COVERCENTER PILLAR
GARNISH LOWER RH

COWL SIDE TRIM BOARD RH

FRONT SEAT OUTER
BELT ASSEMBLY RHFLOOR ANCHOR
COVER

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

42 (428, 31)

5.0 (51, 44 in.*lbf)

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SB-18**SEAT BELT – REAR SEAT INNER BELT ASSEMBLY**

REMOVAL

1. **REMOVE REAR SEAT CUSHION WITH COVER PAD SUB-ASSEMBLY** (See page [SE-12](#))
2. **REMOVE REAR SEAT INNER BELT ASSEMBLY LH**
(a) Remove the bolt and inner belt.
3. **REMOVE REAR SEAT INNER BELT ASSEMBLY RH**
(a) Remove the bolt and inner belt.
4. **REMOVE REAR SEATBACK ASSEMBLY LH** (See page [SE-12](#))
5. **REMOVE REAR SEATBACK ASSEMBLY RH** (See page [SE-12](#))
6. **REMOVE CHILD RESTRAINT SEAT TETHER ANCHOR BRACKET SUB-ASSEMBLY**
(a) Remove the 4 bolts and anchor bracket.

SB

INSTALLATION

HINT:

A bolt without a torque specification is shown in the standard bolt chart (see page [IN-20](#)).

1. INSTALL CHILD RESTRAINT SEAT TETHER ANCHOR BRACKET SUB-ASSEMBLY

- (a) Install the anchor bracket with the 4 bolts.
Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)

2. INSTALL REAR SEATBACK ASSEMBLY LH (See page [SE-17](#))

3. INSTALL REAR SEATBACK ASSEMBLY RH (See page [SE-17](#))

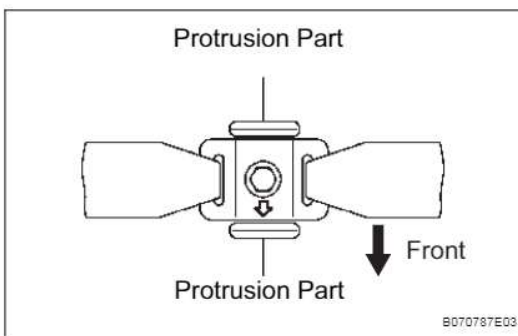
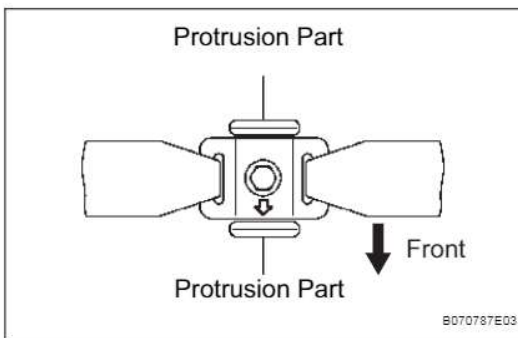
4. INSTALL REAR SEAT INNER WITH CENTER BELT ASSEMBLY LH

- (a) Install the floor anchor and belt with the bolt, as shown in the illustration.

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

NOTICE:

Make sure that the anchor part does not run onto the protruding part of the floor panel.



5. INSTALL REAR SEAT INNER WITH CENTER BELT ASSEMBLY RH

- (a) Install the floor anchor and belt with the bolt, as shown in the illustration.

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

NOTICE:

Make sure that the anchor part does not run onto the protruding part of the floor panel.

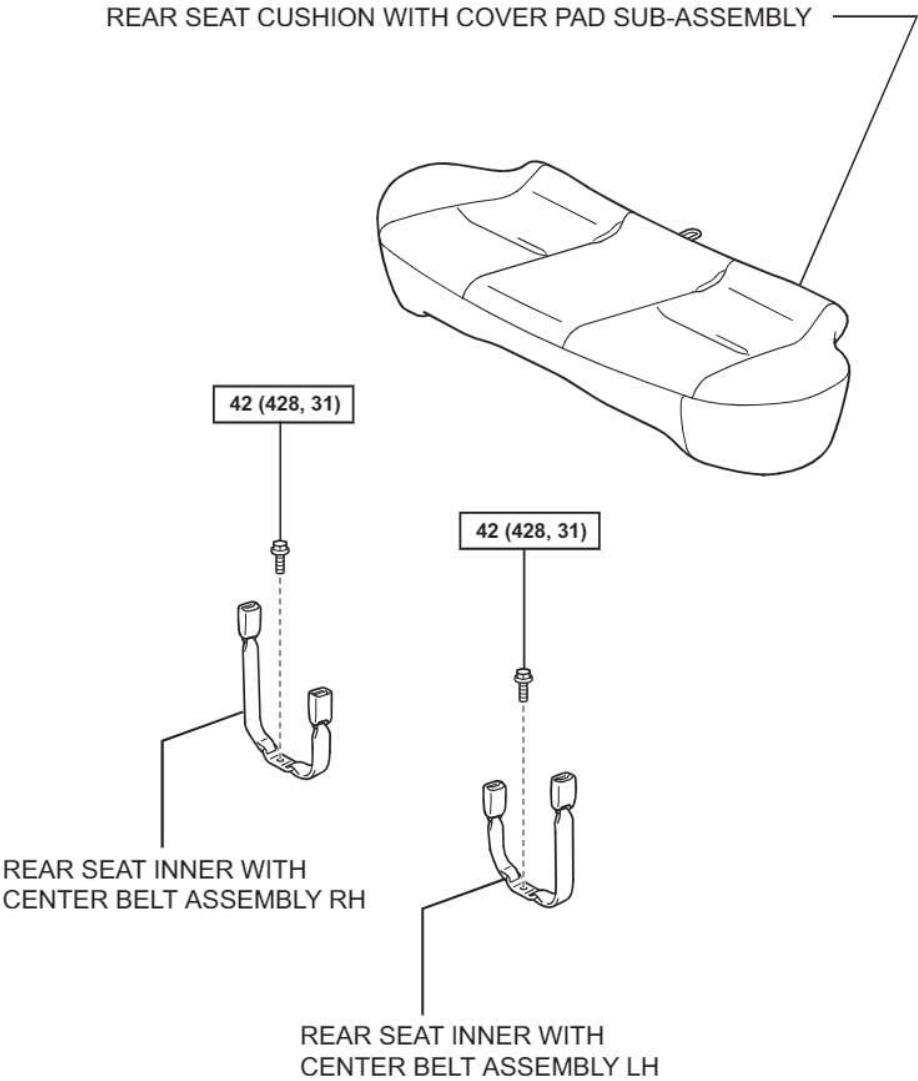
6. INSTALL REAR SEAT CUSHION WITH COVER PAD SUB-ASSEMBLY (See page [SE-17](#))

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REAR SEAT INNER BELT ASSEMBLY

COMPONENTS

SB

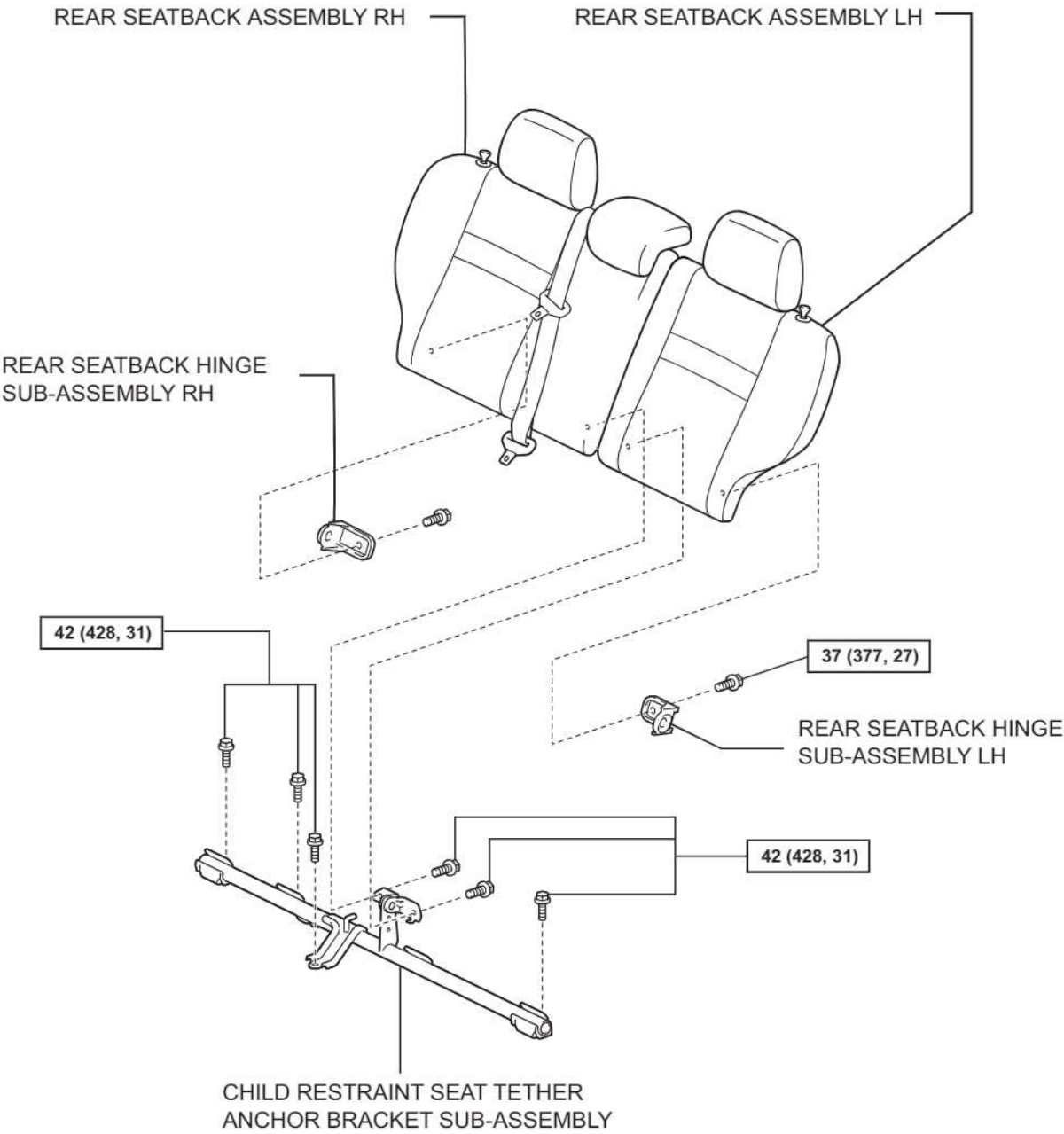


N*m (kgf*cm, ft.*lbf) : Specified torque

SEAT BELT – REAR SEAT INNER BELT ASSEMBLY

SB-17

SB



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

B121668E01

REMOVAL

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the RH side.

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE REAR DOOR SCUFF PLATE RH (See page [IR-7](#))
3. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP RH
4. REMOVE TONNEAU COVER ASSEMBLY
5. REMOVE NO. 1 DECK BOARD
6. REMOVE DECK FLOOR BOX RH (See page [IR-8](#))
7. REMOVE SPARE WHEEL COVER ASSEMBLY
8. REMOVE REAR SEAT CUSHION WITH COVER PAD SUB-ASSEMBLY (See page [SE-12](#))
9. REMOVE REAR SEATBACK ASSEMBLY LH (See page [SE-12](#))
10. REMOVE REAR SEATBACK ASSEMBLY RH (See page [SE-12](#))
11. REMOVE REAR DECK TRIM COVER (See page [IR-8](#))
12. REMOVE DECK TRIM SIDE PANEL ASSEMBLY RH (See page [IR-9](#))
13. REMOVE ROOF SIDE GARNISH INNER RH (See page [IR-9](#))
14. REMOVE REAR SEAT 3 POINT TYPE BELT ASSEMBLY RH
 - (a) Remove the 2 bolts and outer belt.
15. REMOVE REAR SEAT BELT ASSEMBLY OUTER CENTER

HINT:

RH side only.

- (a) Remove the rear seat headrest assembly (see page [SE-13](#)).
- (b) Remove the rear seatback lock release button (see page [SE-13](#)).
- (c) Remove the 2 tether anchor covers (see page [SE-13](#)).
- (d) Remove the 4 rear seat headrest supports (see page [SE-13](#)).
- (e) Remove the rear seatback stop button grommet (see page [SE-14](#)).

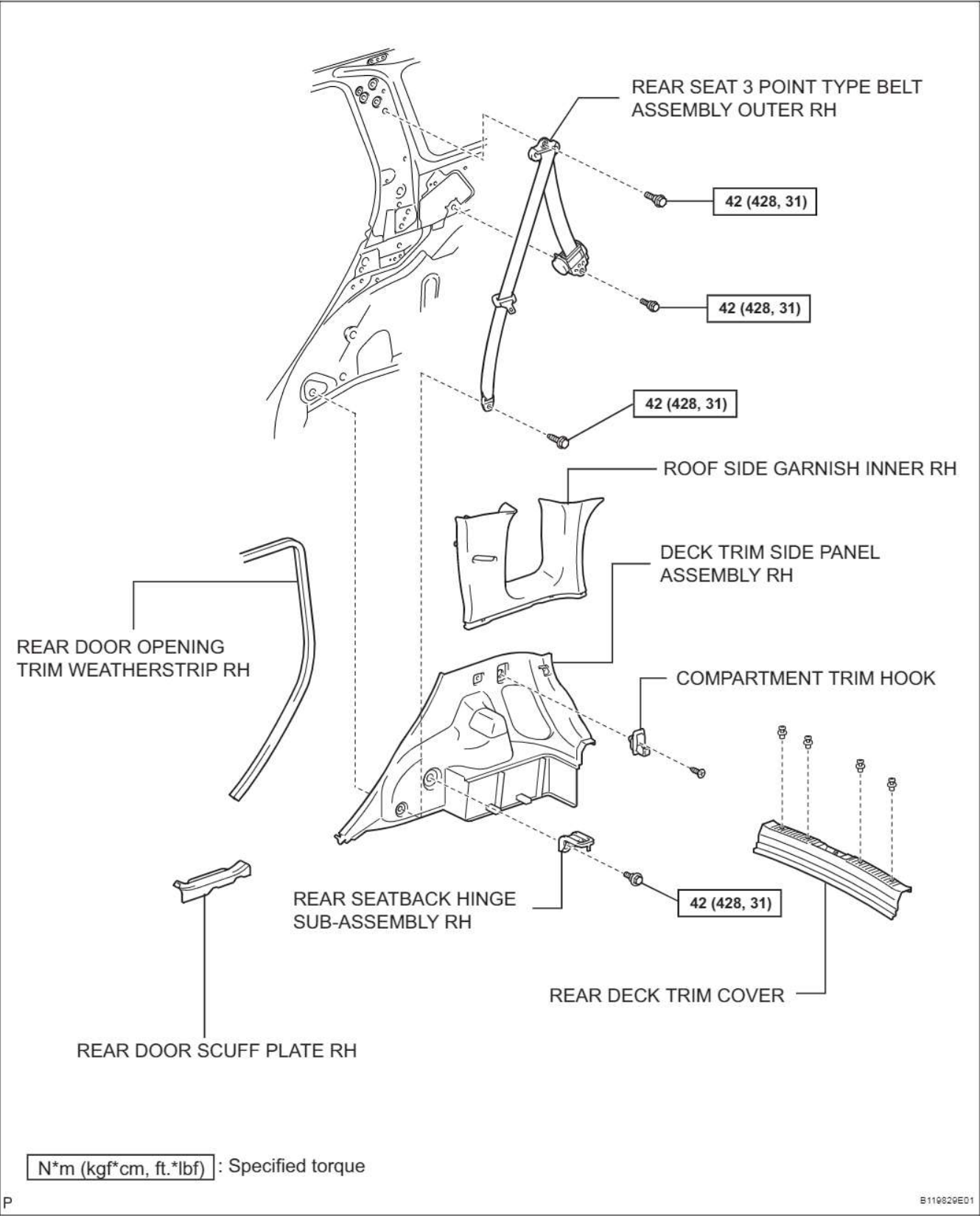
SB

SB-24**SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY**

- (f) Remove the rear seatback cover (with pad) RH (see page [SE-14](#)).
- (g) Remove the nut on the retractor side and completely remove the belt.

SB

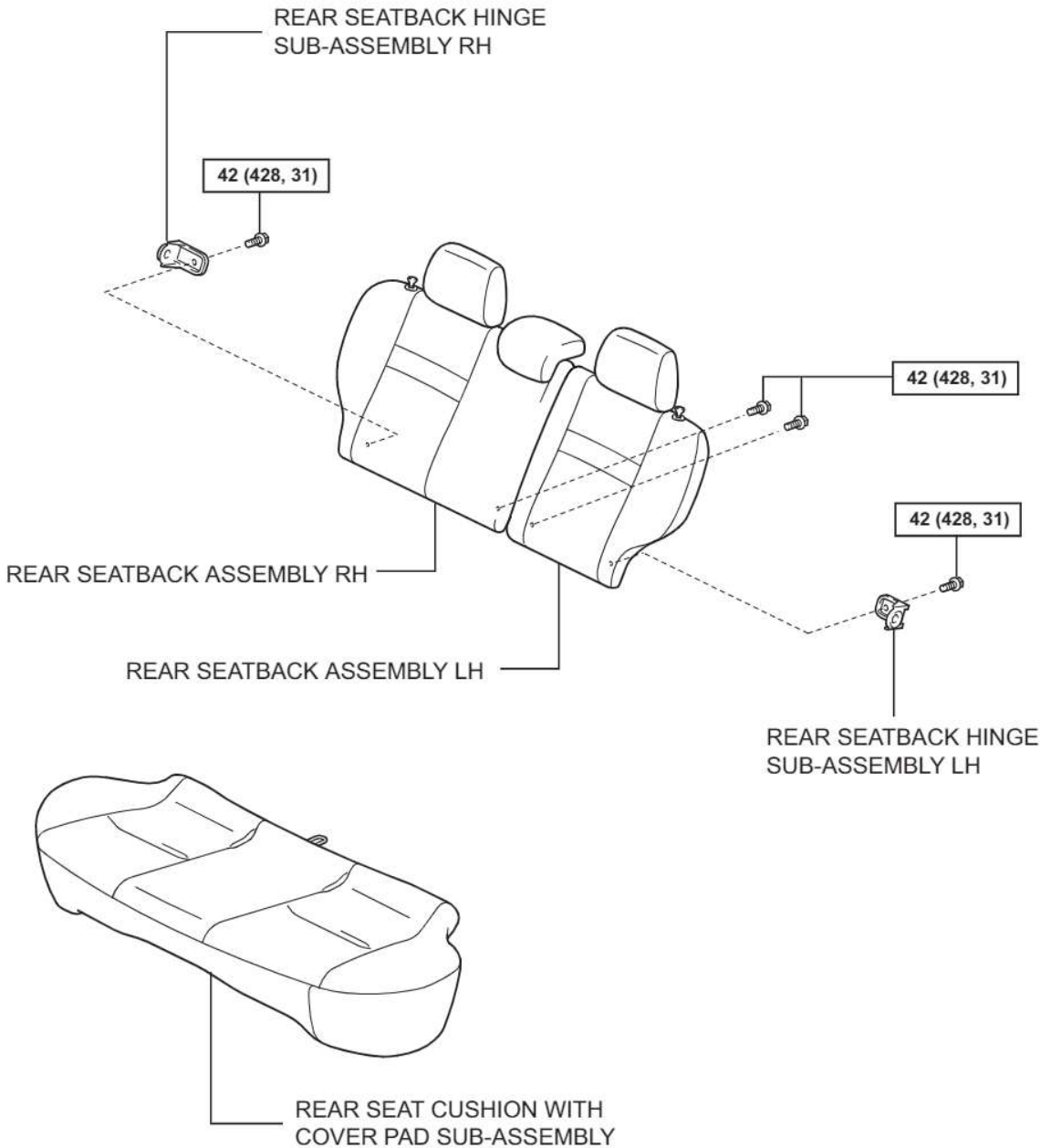
REAR SEAT OUTER BELT ASSEMBLY
COMPONENTS



SB-20

SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY

SB



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

P

B121930E01

SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY

SB-21

SB

REAR SEAT BELT ASSEMBLY OUTER CENTER

REAR SEAT SHOULDER
BELT COVER

42 (428, 31)

REAR SEAT HEADREST
ASSEMBLY

REAR SEAT HEADREST
SUPPORT

REAR SEATBACK LOCK
RELEASE BUTTON

REAR SEATBACK STOP
BUTTON GROMMET

TETHER ANCHOR COVER

REAR SEATBACK FRAME RH

REAR SEATBACK COVER WITH PAD RH

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

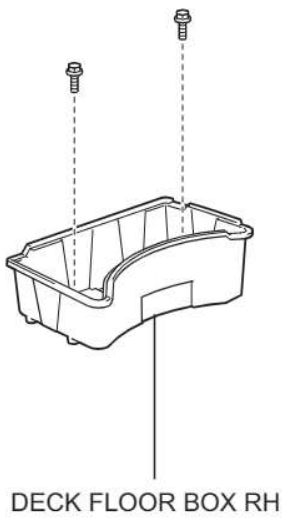
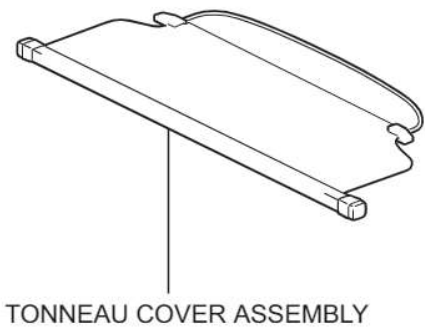
P

B122653E01

SB-22

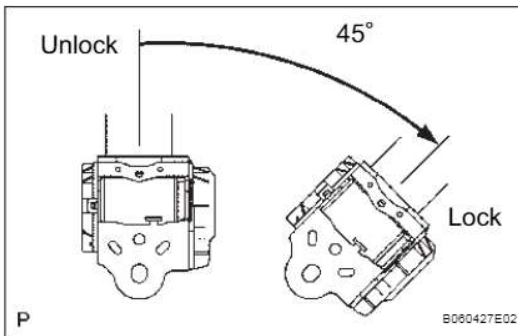
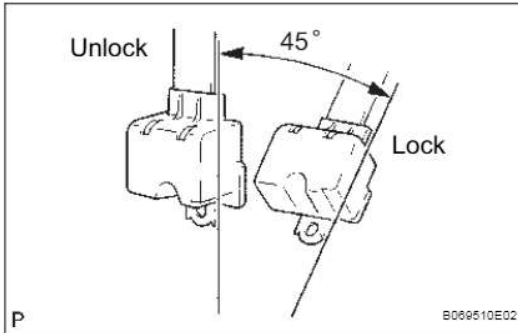
SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY

SB



SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY**SB-25****INSPECTION****1. INSPECT REAR SEAT OUTER BELT ASSEMBLY CENTER****NOTICE:****Do not disassemble the retractor.**

- (a) When the inclination of the retractor is 15° or less, check that the belt can be pulled from the retractor. When the inclination of the retractor is over 45°, check that the belt locks. If the operation is not as specified, replace the belt.

SB**2. INSPECT REAR SEAT 3 POINT TYPE BELT ASSEMBLY****NOTICE:****Do not disassemble the retractor.**

- (a) When the inclination of the retractor is 15° or less, check that the belt can be pulled from the retractor. When the inclination of the retractor is over 45°, check that the belt locks. If the operation is not as specified, replace the belt.

SB-26

SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY

INSTALLATION

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. INSTALL REAR SEAT OUTER BELT ASSEMBLY CENTER

- Install the belt with the nut.
Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)
- Install the rear seatback cover (with pad) RH (see page [SE-14](#)).
- Install the rear seatback stop button grommet (see page [SE-15](#)).
- Install the 4 rear seat headrest supports (see page [SE-15](#)).
- Install the 2 tether anchor covers (see page [SE-16](#)).
- Install the rear seatback lock release button (see page [SE-16](#)).
- Install the rear seat headrest assembly (see page [SE-16](#)).
- With the belt installed, check that the belt locks when it is pulled out quickly.

NOTICE:

The check should be performed with the outer belt installed.

HINT:

The seat belt does not lock when it is pulled out to a length of 955 mm (37.60 in.) or less.

If the operation is not as specified, replace the belt.

- Check the fastening function of the child restraint system.

NOTICE:

The check should be performed with the outer belt installed.

- When the belt is pulled out fully, the belt should automatically try to retract.
- After the belt has fully retracted, the belt should be able to be pulled out and retracted again.
If the operation is not as specified, replace the belt.

2. INSTALL REAR SEAT 3 POINT TYPE BELT ASSEMBLY RH

- Install the belt with the bolt on the retractor side.
Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)
NOTICE:
Make sure that the anchor part does not run onto the protruding part of the side panel.
- Install the belt with the bolt on the shoulder anchor side.
Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)

SB

SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY

SB-27

- (c) With the belt installed, check that the belt locks when it is pulled out quickly.

NOTICE:

The check should be performed with the outer belt assembly installed.

If the operation is not as specified, replace the belt.

- (d) Check the fastening function of the child restraint system.

NOTICE:

The check should be performed with the outer belt assembly installed.

- (1) When the belt is pulled out fully, the belt should automatically try to retract.

- (2) After the belt has fully retracted, the belt should be able to be pulled out and retracted again. If the operation is not as specified, replace the belt.

If the operation is not as specified, replace the belt.

3. **INSTALL ROOF SIDE GARNISH INNER RH** (See page [IR-14](#))
4. **INSTALL DECK TRIM SIDE PANEL ASSEMBLY RH**
 - (a) Install the deck trim side panel assembly RH (see page [IR-15](#)).
 - (b) Install the rear seat 3 point type belt assembly RH with the bolt on the floor anchor side.
Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)
5. **INSTALL REAR DECK TRIM COVER** (See page [IR-15](#))
6. **INSTALL REAR SEATBACK ASSEMBLY RH** (See page [SE-17](#))
7. **INSTALL REAR SEATBACK ASSEMBLY LH** (See page [SE-17](#))
8. **INSTALL REAR SEAT CUSHION WITH COVER PAD SUB-ASSEMBLY** (See page [SE-17](#))
9. **INSTALL SPARE WHEEL COVER ASSEMBLY**
10. **INSTALL DECK FLOOR BOX RH** (See page [IR-15](#))
11. **INSTALL NO. 1 DECK BOARD**
12. **INSTALL TONNEAU COVER ASSEMBLY**
13. **INSTALL REAR DOOR OPENING TRIM WEATHERSTRIP RH**
14. **INSTALL REAR DOOR SCUFF PLATE RH** (See page [IR-17](#))
15. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

SB

SB-28**SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY**

16. PERFORM INITIALIZATION

- (a) Perform initialization (see page [IN-23](#)).

NOTICE:

Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.

SB

SEAT – FRONT SEAT ASSEMBLY

SE-3

REMOVAL**HINT:**

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

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

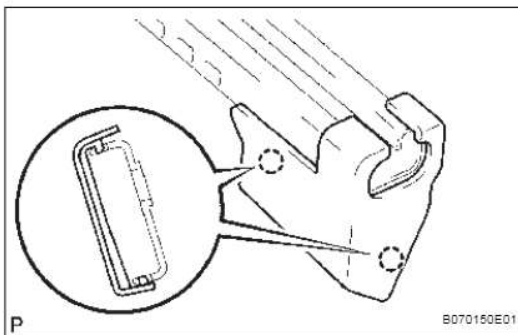
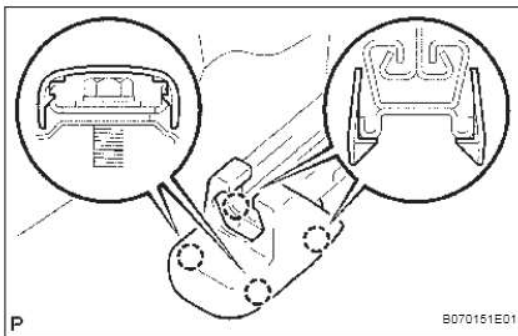
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE SEAT TRACK OUTER COVER LH

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

HINT:

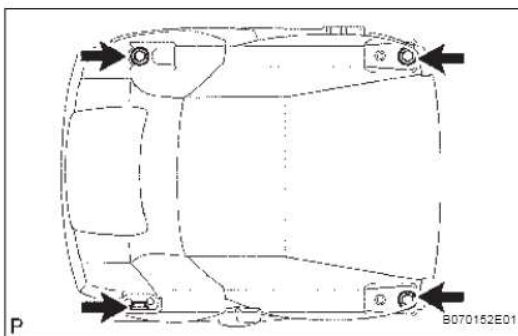
Tape the screwdriver tip before use.

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

- (a) Using a screwdriver, detach the 2 claws and remove the seat track bracket cover.

HINT:

Tape the screwdriver tip before use.

**4. REMOVE FRONT SEAT ASSEMBLY**

- (a) Remove the 4 bolts.
(b) Disconnect the connectors.
(c) Remove the seat.

NOTICE:

Be careful not to damage the vehicle body.

SE

SE-4

SEAT – FRONT SEAT ASSEMBLY

DISASSEMBLY**HINT:**

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

CAUTION:

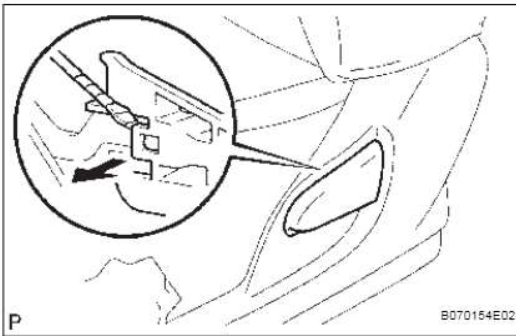
Wear protective gloves. Sharp surfaces on the seatback spring and seat adjuster may injure your hands.

1. REMOVE FRONT SEAT HEADREST ASSEMBLY**2. REMOVE RECLINING ADJUSTER RELEASE HANDLE LH**

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

HINT:

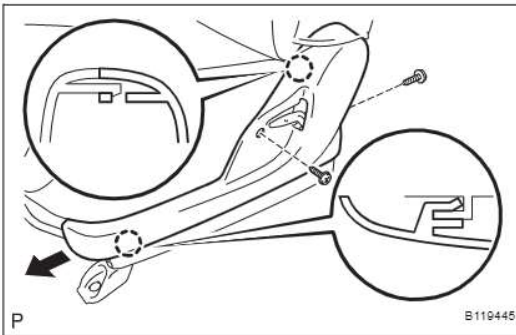
Tape the screwdriver tip before use.

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

- Remove the 2 screws.
- Using a screwdriver, detach the 2 claws and remove the seat cushion shield.

HINT:

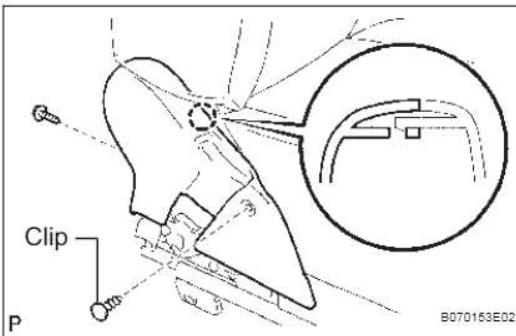
Tape the screwdriver tip before use.

**4. REMOVE FRONT SEAT INNER BELT ASSEMBLY LH (See page SB-5)****5. REMOVE FRONT SEAT CUSHION SHIELD INNER LH**

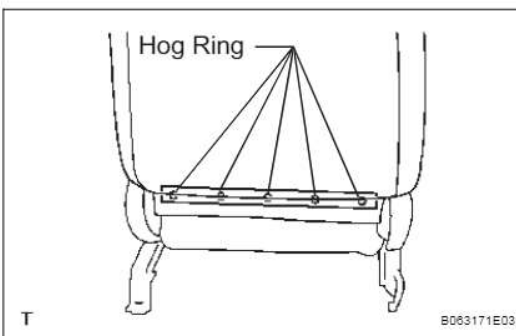
- Remove the clip and screw.
- Using a screwdriver, detach the claw and remove the cushion shield.

HINT:

Tape the screwdriver tip before use.

**6. REMOVE FRONT SEATBACK ASSEMBLY**

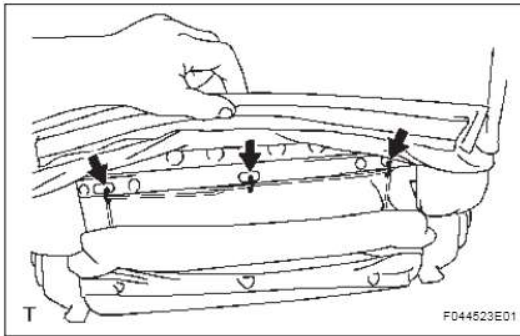
- Remove the hog rings.



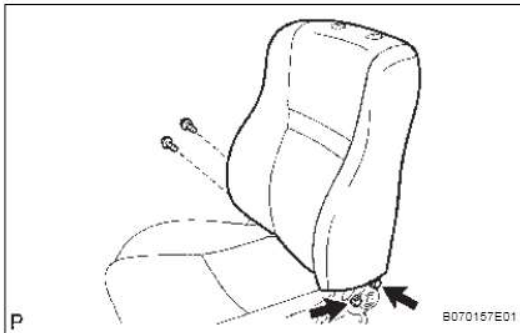
SE

SEAT – FRONT SEAT ASSEMBLY

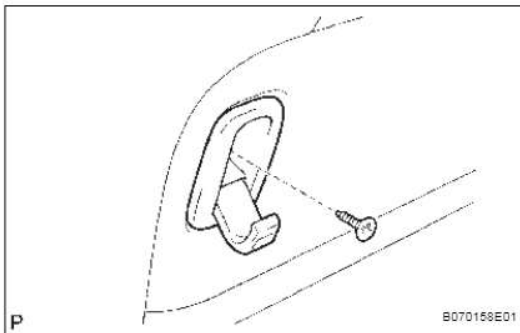
SE-5



- (b) Lift up the seatback cover and remove the hog rings.
- (c) Disconnect the clamp.

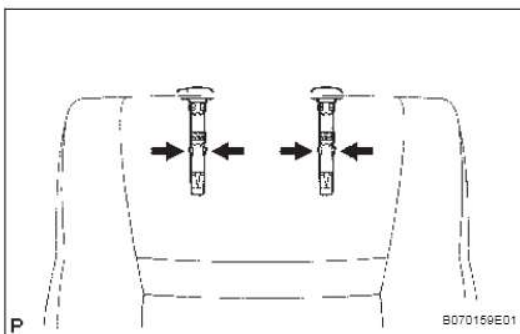


- (d) Remove the 4 bolts and seatback.

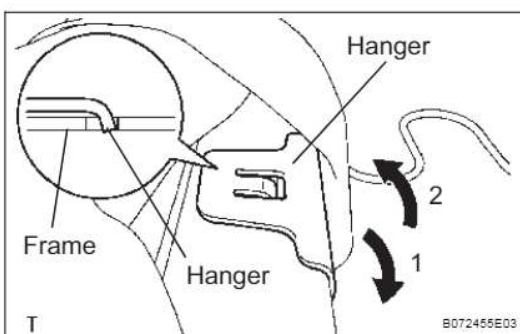


7. REMOVE FRONT SEATBACK COVER

- (a) w/ Seat hook:
Remove the screw and seatback hook.



- (b) Lift up the seatback cover to the top of the seat, and then detach the 4 claws and remove the 2 headrest supports.

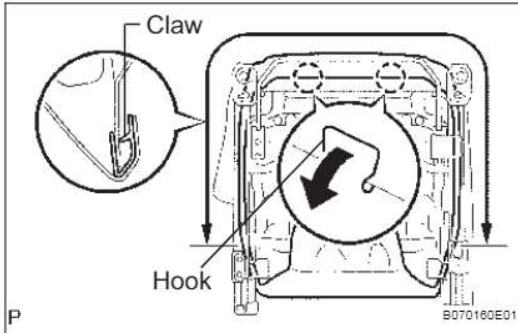


- (c) w/ Front seat side airbag:
Using a screwdriver, pry out the hanger as shown in the illustration.
NOTICE:
Be careful not to damage the airbag.
- (d) Remove the hog rings and the seatback cover (with pad) from the seatback spring.
- (e) Remove the hog ring and remove the seatback cover.

SE

SE-6**SEAT – FRONT SEAT ASSEMBLY****8. REMOVE FRONT SEAT CUSHION COVER**

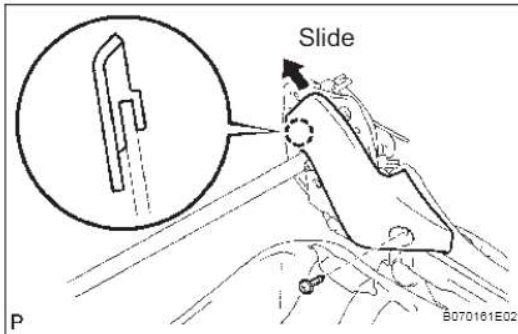
- (a) Remove the hog rings.
- (b) Detach the claw of the front part of the seat adjuster.
- (c) Detach the hook and remove the seat cushion cover (with pad) from seat adjuster.
- (d) Remove the hog rings and seat cushion cover.

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

- (a) Remove the screw and inside cover.

10. REMOVE RECLINING ADJUSTER INSIDE COVER RH

- (a) Remove the screw and inside cover.

11. REMOVE SEAT POSITION AIRBAG SENSOR (See page [RS-340](#))

SEAT – FRONT SEAT ASSEMBLY

SE-7

REASSEMBLY

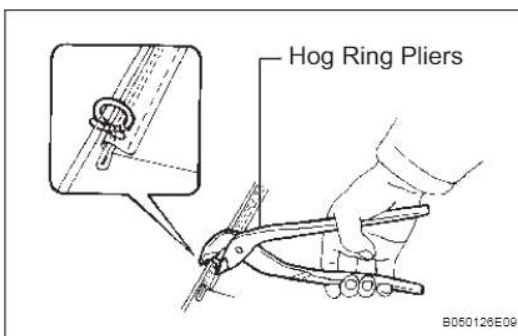
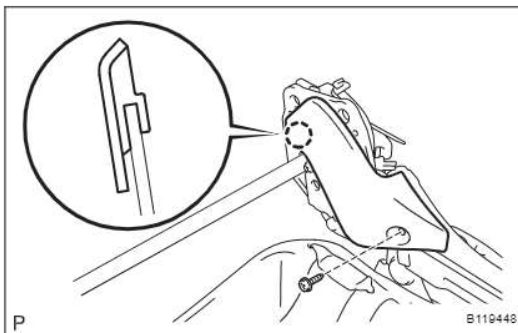
HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.
- A bolt without a torque specification is shown in the standard bolt chart (see page [SS-2](#)).

CAUTION:

Wear protective gloves. Sharp surfaces on the seatback spring and seat adjuster may injure your hands.

1. **INSTALL SEAT POSITION AIRBAG SENSOR** (See page [RS-341](#))
2. **INSTALL RECLINING ADJUSTER INSIDE COVER LH**
(a) Install the inside cover with the screw.
3. **INSTALL RECLINING ADJUSTER INSIDE COVER RH**
(a) Install the inside cover with the screw.

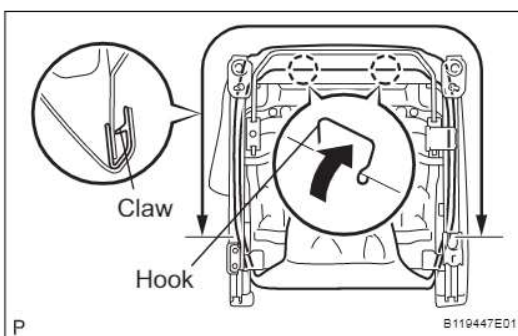


4. **INSTALL FRONT SEAT CUSHION COVER**

NOTICE:

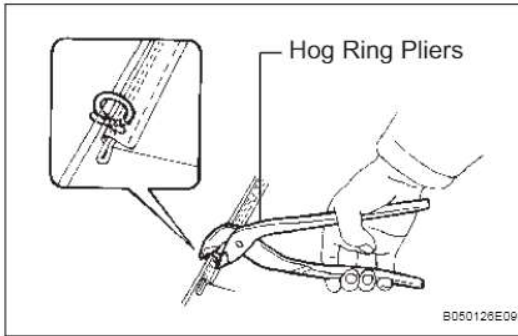
- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

- (a) Using hog ring pliers, install the seat cushion cover to the seat cushion pad with new hog rings.
- (b) Attach the hook and claw of the front part of the seat adjuster to install the seat cushion cover (with pad).
- (c) Using hog ring pliers, install new hog rings.



SE-8

SEAT – FRONT SEAT ASSEMBLY

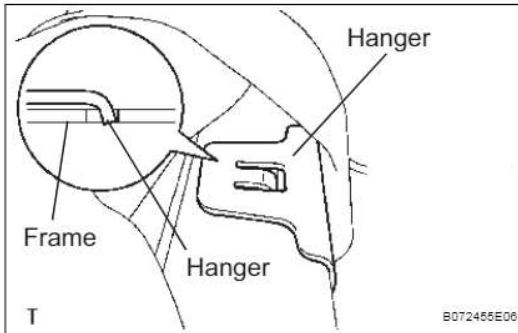


5. INSTALL FRONT SEATBACK COVER

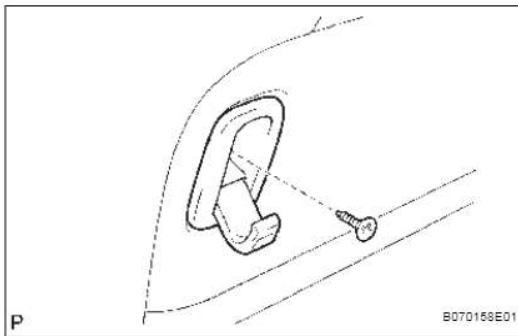
NOTICE:

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

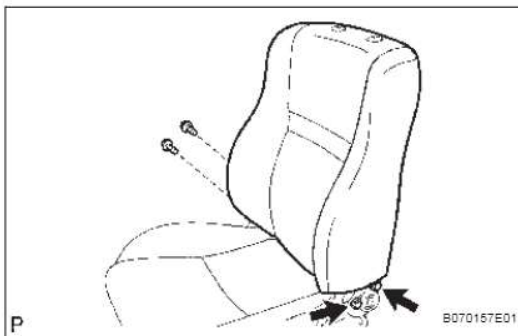
- Using hog ring pliers, install the seatback cover to the seatback pad with new hog rings.
- Using hog ring pliers, install the seatback cover (with pad) to the seatback frame with new hog rings.



- w/ Front seat side airbag:
Attach the hanger to the seatback frame as shown in the illustration.
- Install the 2 headrest supports.

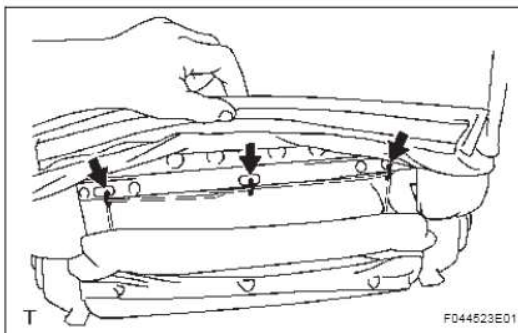


- w/ Seat hook:
Install the seatback hook with the screw.



6. INSTALL FRONT SEATBACK ASSEMBLY

- Install the seatback with the 4 bolts.
- Connect the clamps.



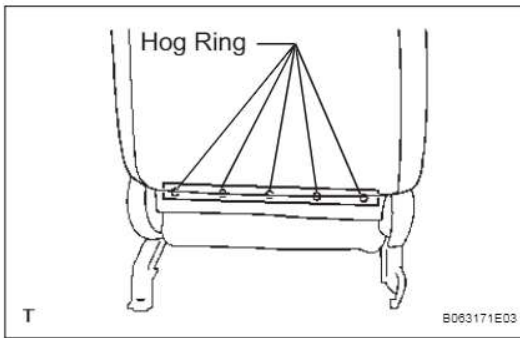
- Lift up the seatback cover. Then using hog ring pliers, install the seat cushion cover to the seat cushion pad with new hog rings.

NOTICE:

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

SEAT – FRONT SEAT ASSEMBLY

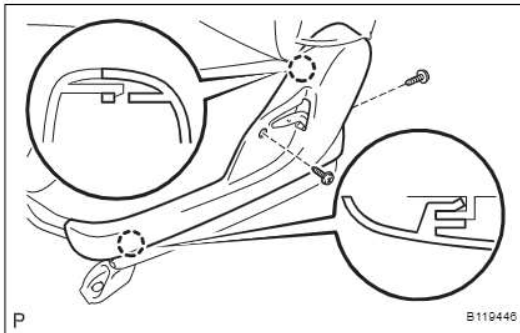
SE-9



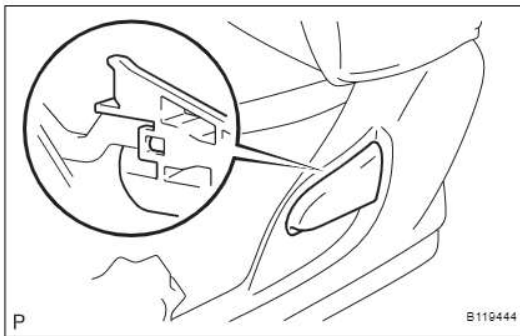
- (d) Using hog ring pliers, install new hog rings.

NOTICE:

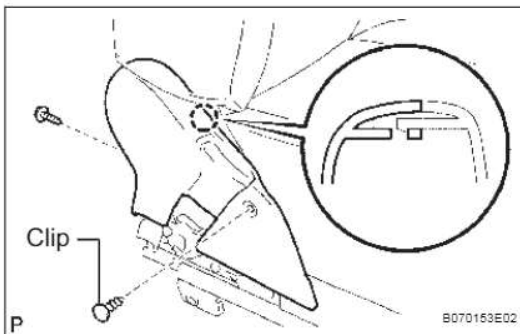
- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

**7. INSTALL FRONT SEAT CUSHION SHIELD LH**

- (a) Attach the 2 claws to install the seat cushion shield.
(b) Install the 2 screws.

**8. INSTALL RECLINING ADJUSTER RELEASE HANDLE LH**

- (a) Attach the claw to install the release handle.

**9. REMOVE FRONT SEAT CUSHION SHIELD INNER LH**

- (a) Attach the claw to install the seat cushion shield.
(b) Install the clip and screw.

10. INSTALL FRONT SEAT INNER BELT ASSEMBLY LH (See page SB-6)**11. INSTALL FRONT SEAT HEADREST ASSEMBLY**

SE

SE-10

SEAT – FRONT SEAT ASSEMBLY

INSTALLATION

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. INSTALL FRONT SEAT ASSEMBLY

- (a) Place the seat on the cabin.

NOTICE:

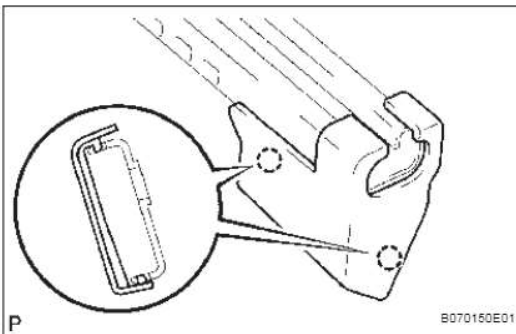
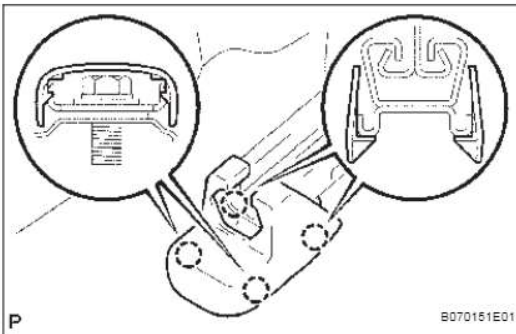
Be careful not to damage the vehicle body.

- (b) Connect the connectors under the seat.
(c) Tighten the 4 bolts.

Torque: 37 N*m (375 kgf*cm, 27 ft.*lbf)

2. INSTALL SEAT TRACK OUTER COVER LH

- (a) Attach the 4 claws to install the seat track outer cover.



3. INSTALL SEAT TRACK BRACKET COVER INNER LH

- (a) Attach the 2 claws to install the seat track bracket cover.

4. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

5. PERFORM INITIALIZATION

- (a) Perform initialization (see page [IN-23](#)).

NOTICE:

Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.

6. INSPECT SRS WARNING LIGHT

- (a) Check the SRS warning light (see page [RS-28](#)).

SE

SEAT – REAR SEAT ASSEMBLY

SE-13

DISASSEMBLY**CAUTION:**

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

1. REMOVE REAR SEAT HEADREST ASSEMBLY

- (a) Remove the 3 headrests.

2. REMOVE REAR SEATBACK LOCK RELEASE BUTTON

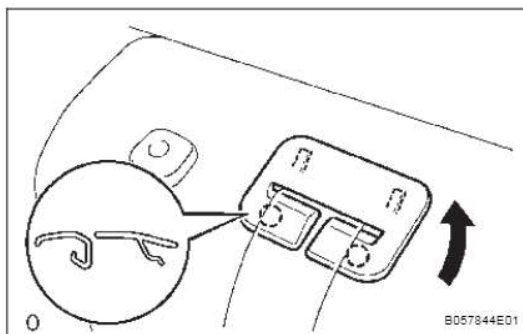
- (a) Remove the 2 buttons.

3. REMOVE REAR SEAT SHOULDER BELT COVER (for RH Side)

- (a) Using a screwdriver, pry out the shoulder belt cover.

HINT:

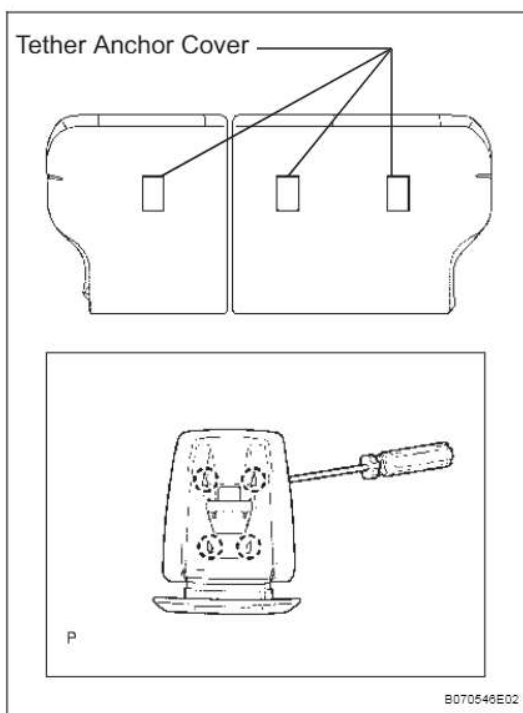
Tape the screwdriver tip before use.

**4. REMOVE TETHER ANCHOR COVER**

- (a) Using a screwdriver, pry out the 3 tether anchor covers.

HINT:

Tape the screwdriver tip before use.

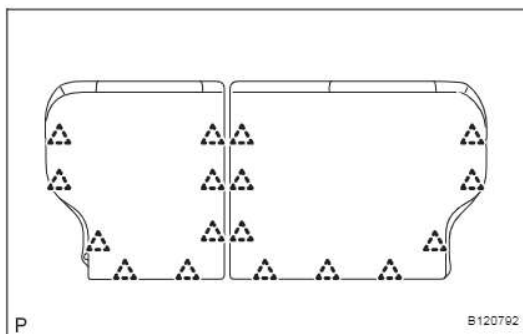
**5. REMOVE REAR SEAT HEADREST SUPPORT**

- (a) Using a clip remover, remove the 17 clips.

NOTICE:

If clips are damaged during removal, replace them.

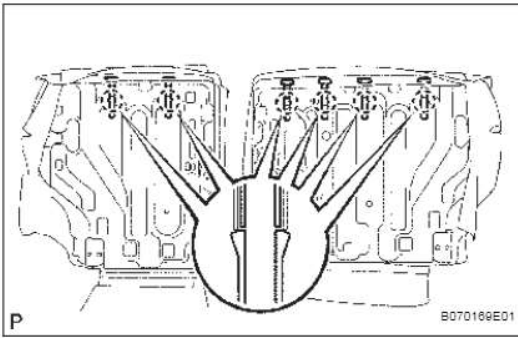
- (b) Remove the hog rings.



SE

SE-14

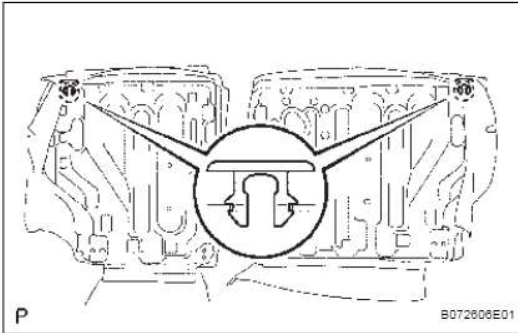
SEAT – REAR SEAT ASSEMBLY



- (c) Detach the claws and remove the 6 headrest supports.

HINT:

In order to detach the claw of the headrest support, insert your hand between the seatback frame and the seatback cover (with pad).



6. REMOVE REAR SEATBACK STOP BUTTON GROMMET

- (a) Detach the claws and remove the 2 grommets.

HINT:

In order to detach the claw of the headrest support, insert your hand between the seatback frame and the seatback cover (with pad).

7. REMOVE REAR SEATBACK COVER WITH PAD LH

- (a) Remove the seatback cover (with pad) from the seatback frame.

8. REMOVE REAR SEATBACK COVER WITH PAD RH

- (a) Remove the seatback cover (with pad) from the seatback frame.

9. REMOVE REAR SEATBACK LOCK ASSEMBLY LH

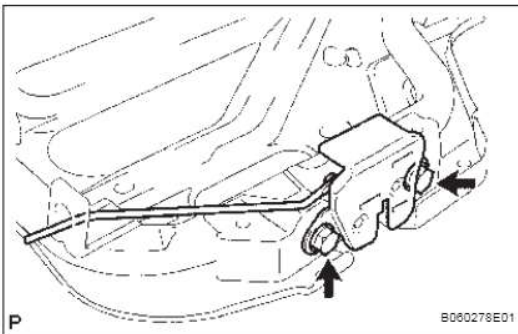
- (a) Remove the 2 bolts and lock.

10. REMOVE REAR SEATBACK LOCK ASSEMBLY RH

- (a) Remove the 2 bolts and lock.

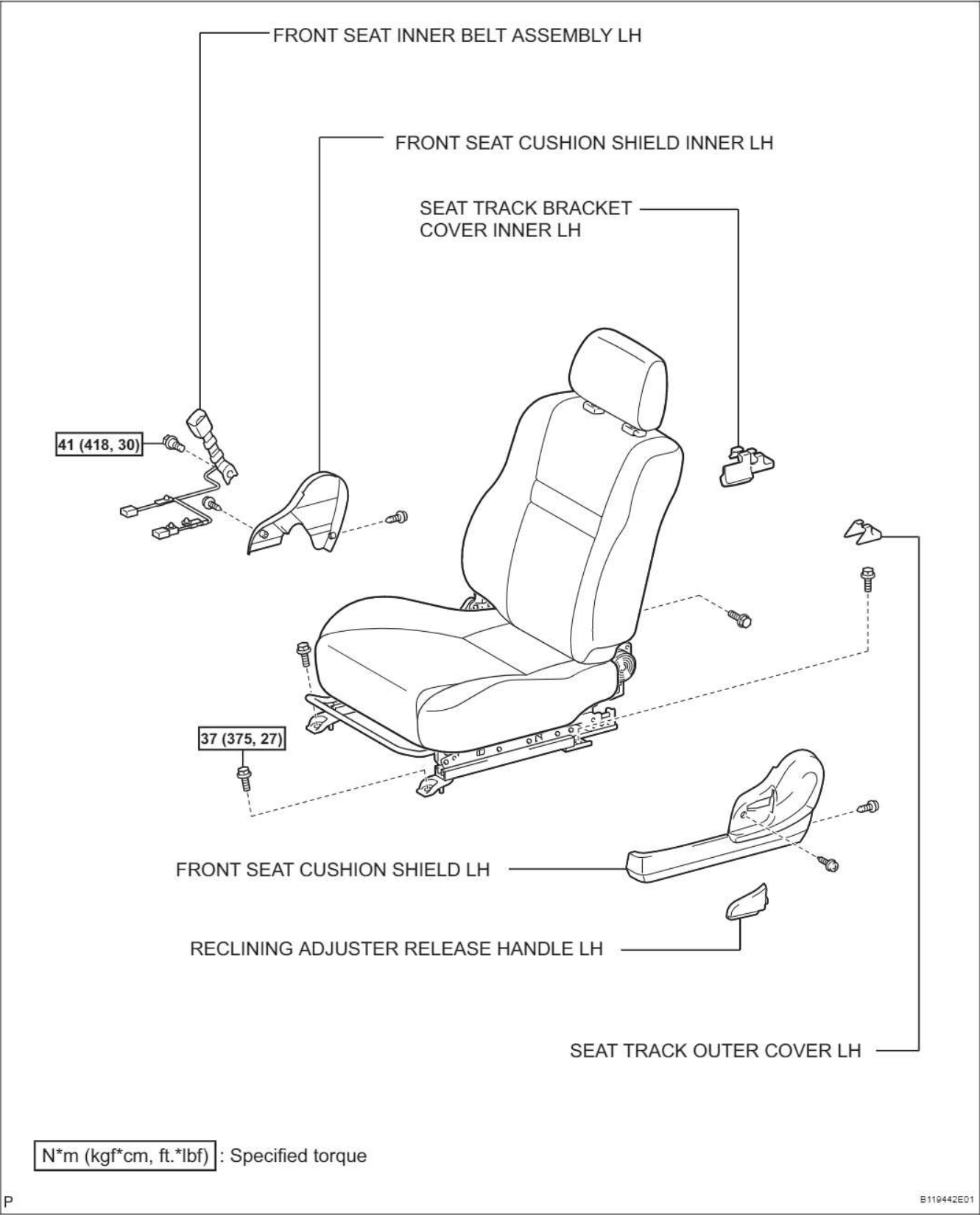
11. REMOVE REAR SEAT BELT ASSEMBLY OUTER CENTER

- (a) Remove the nut and belt.



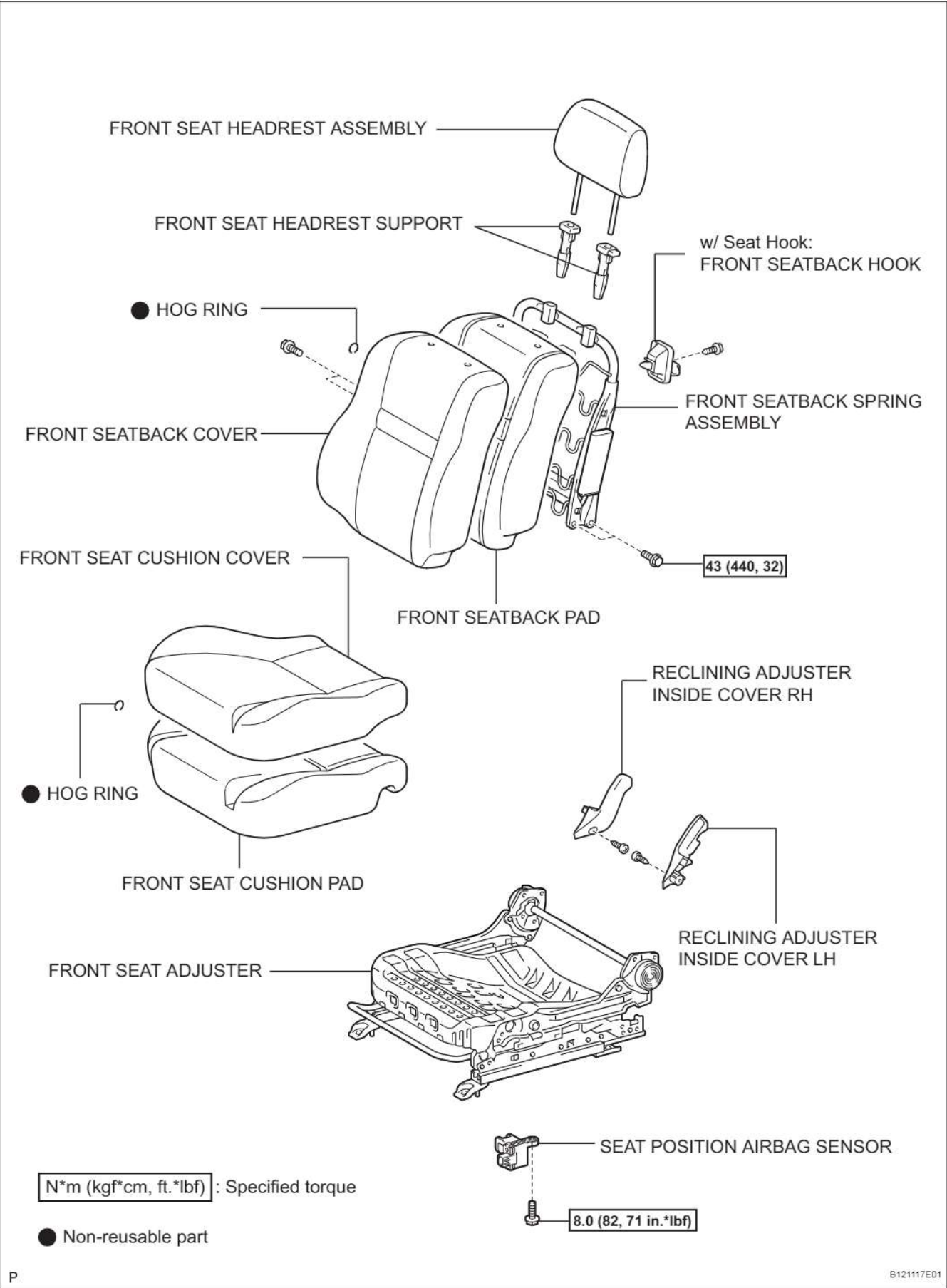
SE

FRONT SEAT ASSEMBLY
COMPONENTS



SE-2

SEAT – FRONT SEAT ASSEMBLY



SEAT – REAR SEAT ASSEMBLY

SE-15

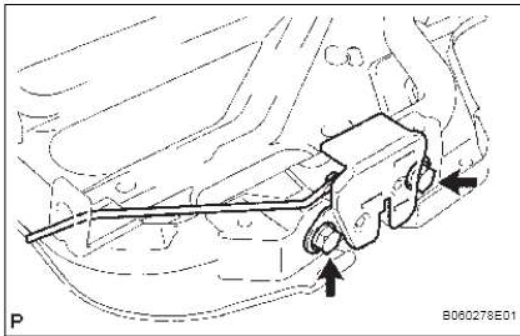
REASSEMBLY**CAUTION:**

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

1. INSTALL REAR SEAT BELT ASSEMBLY OUTER CENTER

- (a) Install the belt with the nut.

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

**2. INSTALL REAR SEATBACK LOCK ASSEMBLY LH**

- (a) Install the lock with the 2 bolts.

3. INSTALL REAR SEATBACK LOCK ASSEMBLY RH

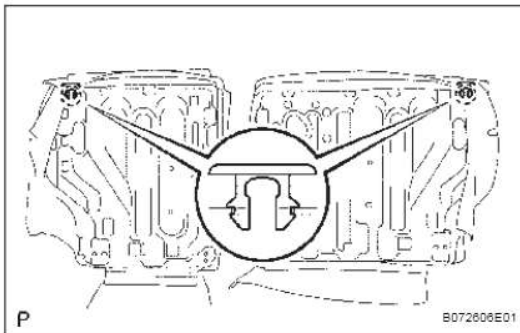
- (a) Install the lock with the 2 bolts.

4. INSTALL REAR SEATBACK COVER WITH PAD LH

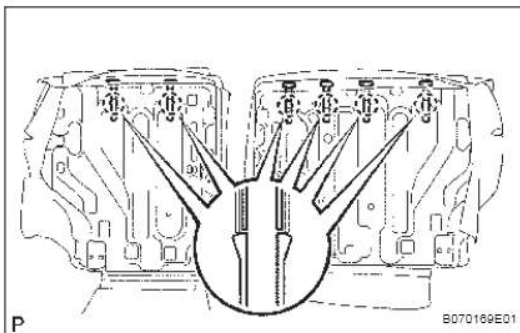
- (a) Install the seatback cover (with pad) to the seatback frame.

5. INSTALL REAR SEATBACK COVER WITH PAD RH

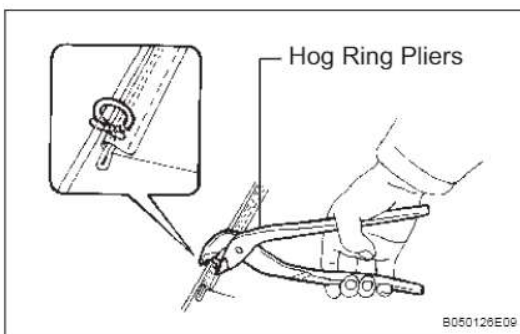
- (a) Install the seatback cover (with pad) to the seatback frame.

**6. INSTALL REAR SEATBACK STOP BUTTON GROMMET**

- (a) Attach the claws to install the 2 grommets.

**7. INSTALL REAR SEAT HEADREST SUPPORT**

- (a) Attach the claws to install the 6 headrest supports.

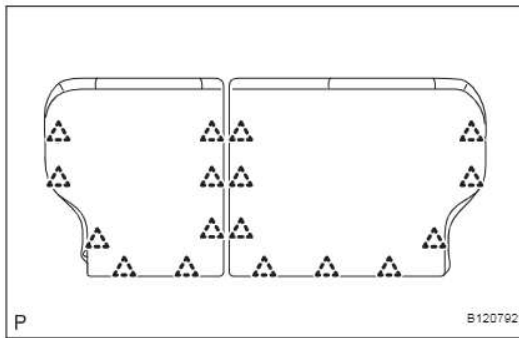


- (b) Using hog ring pliers, install the seatback cover (with pad) to the seatback frame with new hog rings.

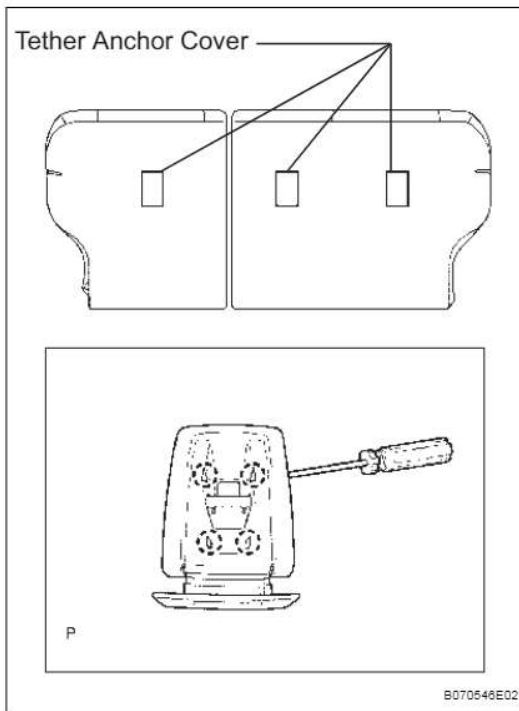
NOTICE:

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

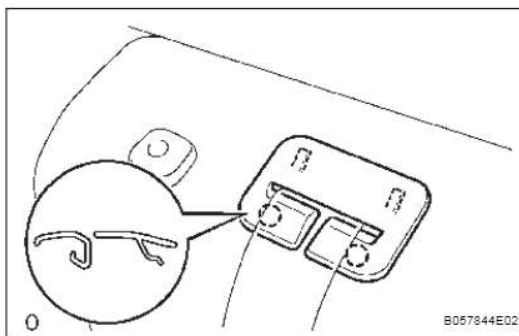
SE

SE-16**SEAT – REAR SEAT ASSEMBLY**

(c) Install the 17 clips.

**8. INSTALL TETHER ANCHOR COVER**

(a) Install the 3 tether anchor covers.

**9. INSTALL REAR SEAT SHOULDER BELT COVER (for RH Side)**

(a) Attach the claws to install the shoulder belt cover.

10. INSTALL REAR SEATBACK LOCK RELEASE BUTTON

(a) Install the 2 buttons.

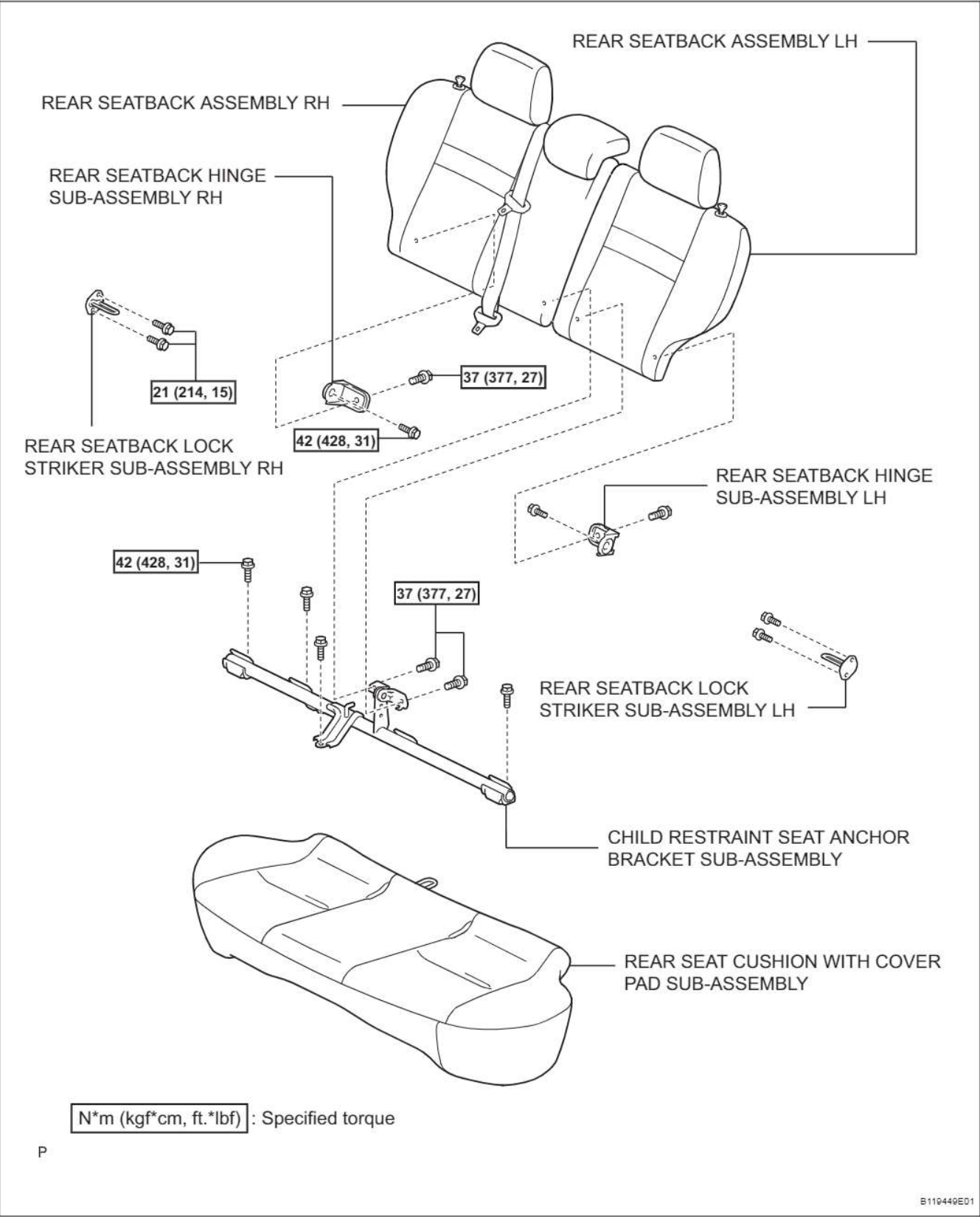
11. INSTALL REAR SEAT HEADREST ASSEMBLY

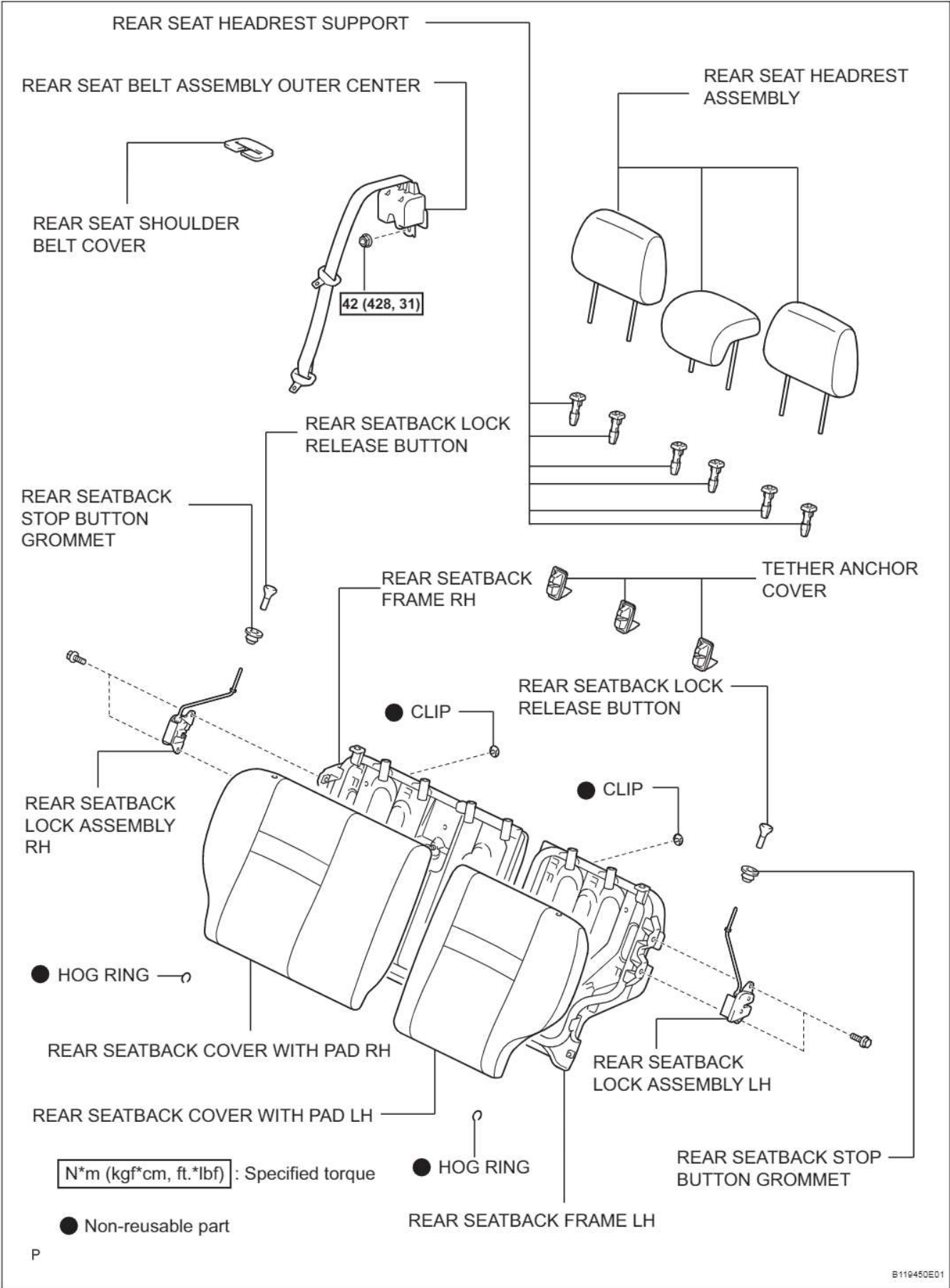
(a) Install the 3 headrests.

SE

REAR SEAT ASSEMBLY

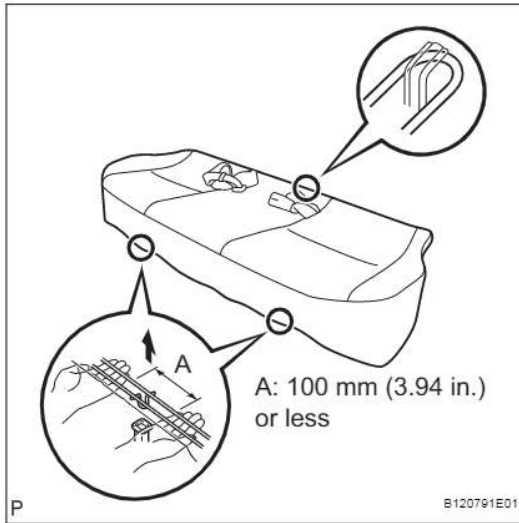
COMPONENTS





SE-12

SEAT – REAR SEAT ASSEMBLY



REMOVAL

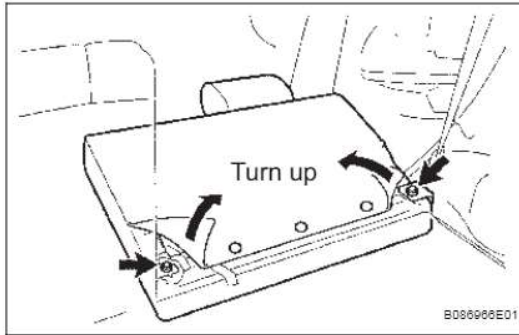
1. REMOVE REAR SEAT CUSHION WITH COVER PAD SUB-ASSEMBLY

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

NOTICE:

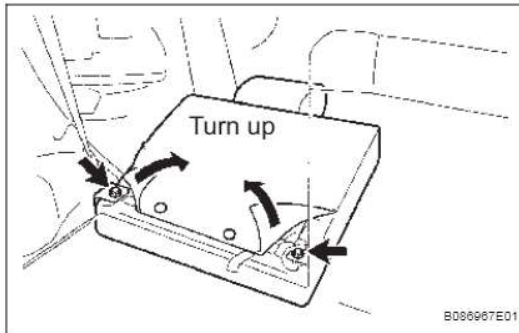
Follow the instructions below carefully as the cushion frame deforms easily.

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



2. REMOVE REAR SEATBACK ASSEMBLY LH

- (a) Tilt the seatback down toward the front of the vehicle.
- (b) Turn up the seatback cover as shown in the illustration.
- (c) Remove the 2 bolts and seatback.



3. REMOVE REAR SEATBACK ASSEMBLY RH

HINT:

Use the same procedures described for the LH side.

4. REMOVE REAR SEATBACK LOCK STRIKER SUB-ASSEMBLY LH

- (a) Remove the 2 bolts and seatback lock striker.

5. REMOVE REAR SEATBACK LOCK STRIKER SUB-ASSEMBLY RH

- (a) Remove the 2 bolts and seatback lock striker.

6. REMOVE REAR SEATBACK HINGE SUB-ASSEMBLY LH

- (a) Remove the bolt and seatback hinge.

7. REMOVE REAR SEATBACK HINGE SUB-ASSEMBLY RH

- (a) Remove the bolt and seatback hinge.

8. REMOVE CHILD RESTRAINT SEAT ANCHOR BRACKET SUB-ASSEMBLY

- (a) Remove the 4 bolts and anchor bracket.

SE

INSTALLATION

1. INSTALL CHILD RESTRAINT SEAT ANCHOR BRACKET SUB-ASSEMBLY

- (a) Install the anchor bracket with the 4 bolts.
Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)

2. INSTALL REAR SEATBACK HINGE SUB-ASSEMBLY LH

- (a) Install the seatback hinge with the bolt.
Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)

3. INSTALL REAR SEATBACK HINGE SUB-ASSEMBLY RH

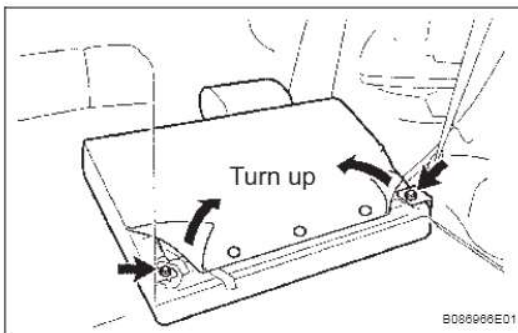
- (a) Install the seatback hinge with the bolt.
Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)

4. INSTALL REAR SEATBACK LOCK STRIKER SUB-ASSEMBLY LH

- (a) Install the seatback lock striker with the 2 bolts.
Torque: 21 N*m (214 kgf*cm, 15 ft.*lbf)

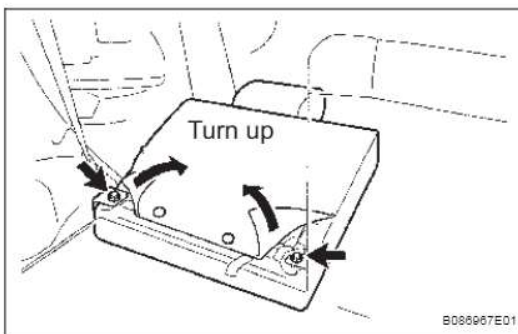
5. INSTALL REAR SEATBACK LOCK STRIKER SUB-ASSEMBLY RH

- (a) Install the seatback lock striker with the 2 bolts.
Torque: 21 N*m (214 kgf*cm, 15 ft.*lbf)



6. INSTALL REAR SEATBACK ASSEMBLY LH

- (a) Turn up the seatback cover as shown in the illustration.
(b) Install the seatback with the 2 bolts.
Torque: 37 N*m (377 kgf*cm, 27 ft.*lbf)
(c) Return the seatback to the upright position.



7. INSTALL REAR SEATBACK ASSEMBLY RH

HINT:

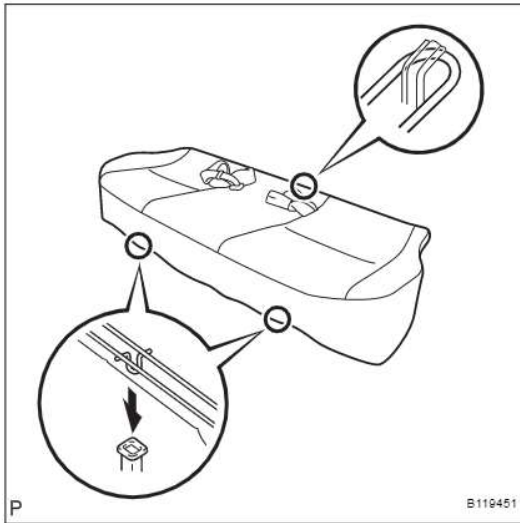
Use the same procedures described for the LH side.

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

SE

SE-18

SEAT – REAR SEAT ASSEMBLY

**8. INSTALL REAR SEAT CUSHION WITH COVER PAD SUB-ASSEMBLY**

- (a) Attach the seat cushion's rear hook.
- (b) Attach the seat cushion's 2 front hooks to the vehicle body.
- (c) 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.