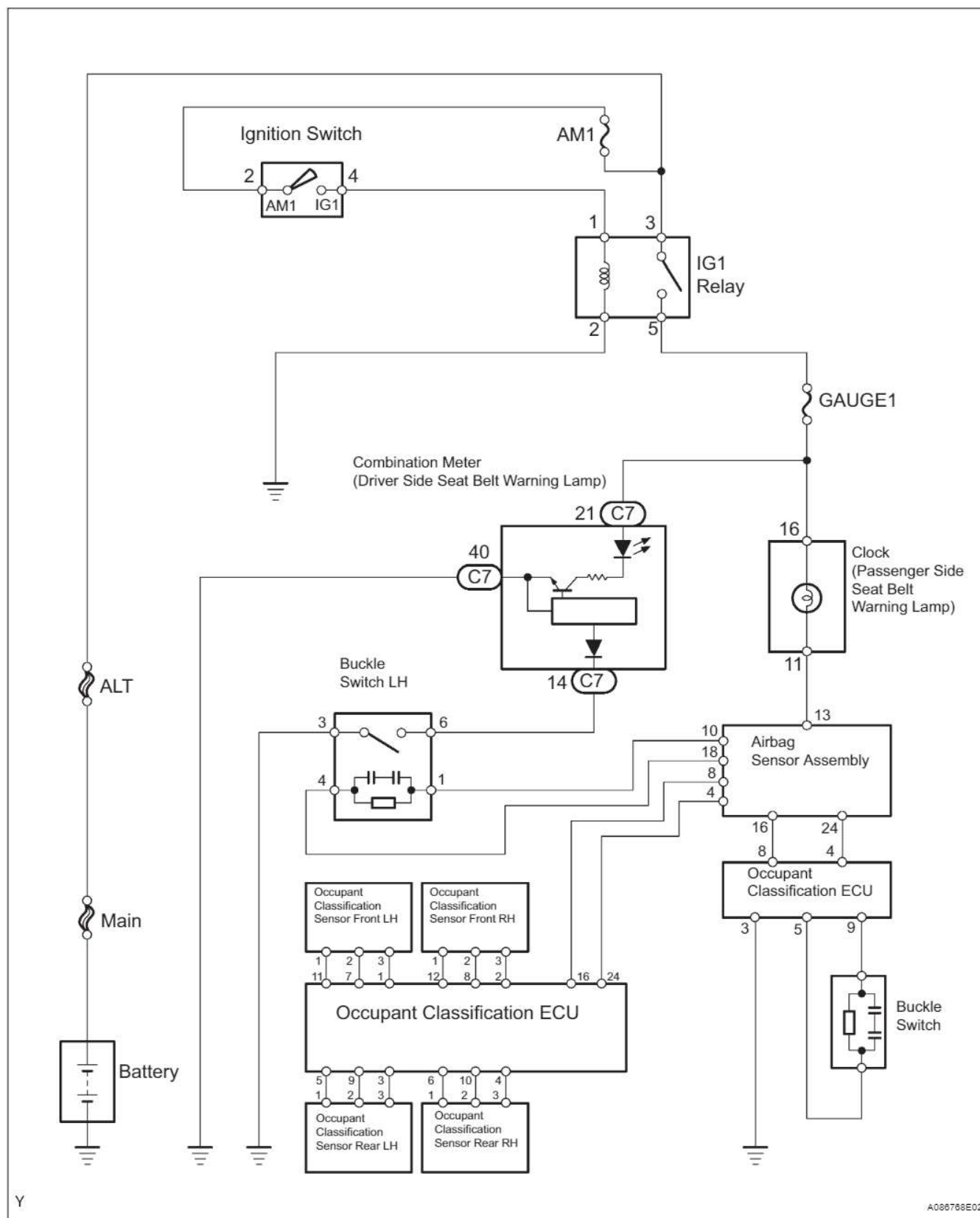


SEAT BELT – SEAT BELT WARNING SYSTEM

SB-3

SYSTEM DIAGRAM



SB

A086768E02

SB-4**SEAT BELT – SEAT BELT WARNING SYSTEM**

SYSTEM DESCRIPTION

The seat belt warning system activates the continuous flashing of the seat belt warning light if the passenger or driver side seat belt is not fastened. When the ignition switch is in the ON position, the system determines if the seat belt is fastened by checking if the switch in the seat belt buckle is ON or OFF.

SEAT BELT – SEAT BELT WARNING SYSTEM

SB-5

PROBLEM SYMPTOMS TABLE

Symptom	Suspected area	See page
Driver side seat belt warning light does not blink	1.AM1 fuse	SB-1
	2.GAUGE1 fuse	SB-1
	3.Combination meter	ME-50
	4.Front seat inner belt assembly LH	SB-4
	5.Wire harness	-
Passenger side seat belt warning light does not blink	1.AM1 fuse	SB-1
	2.GAUGE1 fuse	SB-1
	3.Clock	ME-53
	4.Front seat inner belt assembly RH	RS-40
	5.Occupant classification ECU	RS-40
	6.Occupant classification sensor	RS-40
	7.Airbag sensor assembly	RS-40
	8.Wire harness	-

NOTICE:

The front seat inner belt RH cannot be inspected. When the front seat inner belt seems to be malfunctioning, use the intelligent tester to check for DTCs.

INSPECTION**1. INSPECT FRONT SEAT INNER BELT ASSEMBLY LH**

(a) Check the buckle switch.

(1) Fasten the seat belt.

(2) Measure the resistance between the terminals.

Resistance

Tester Connection	Specified Condition
3 - 6	1 MΩ or higher

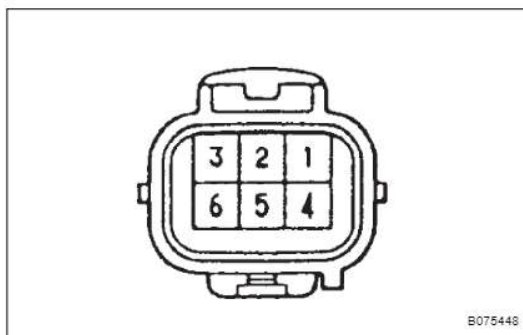
(3) Release the seat belt.

(4) Measure the resistance between the terminals.

Resistance

Tester Connection	Specified Condition
3 - 6	Below 1 Ω

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



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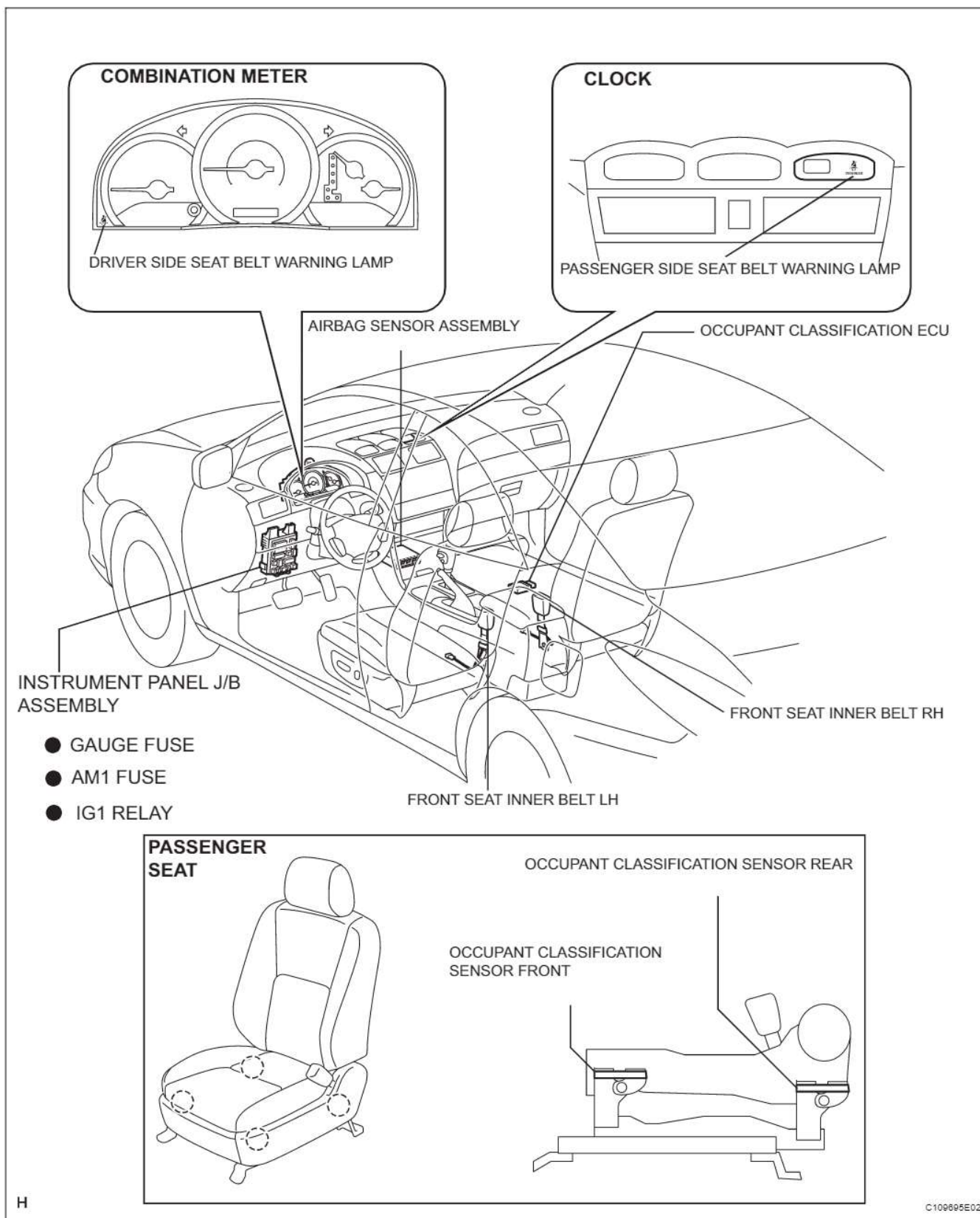
SB

SEAT BELT – SEAT BELT WARNING SYSTEM

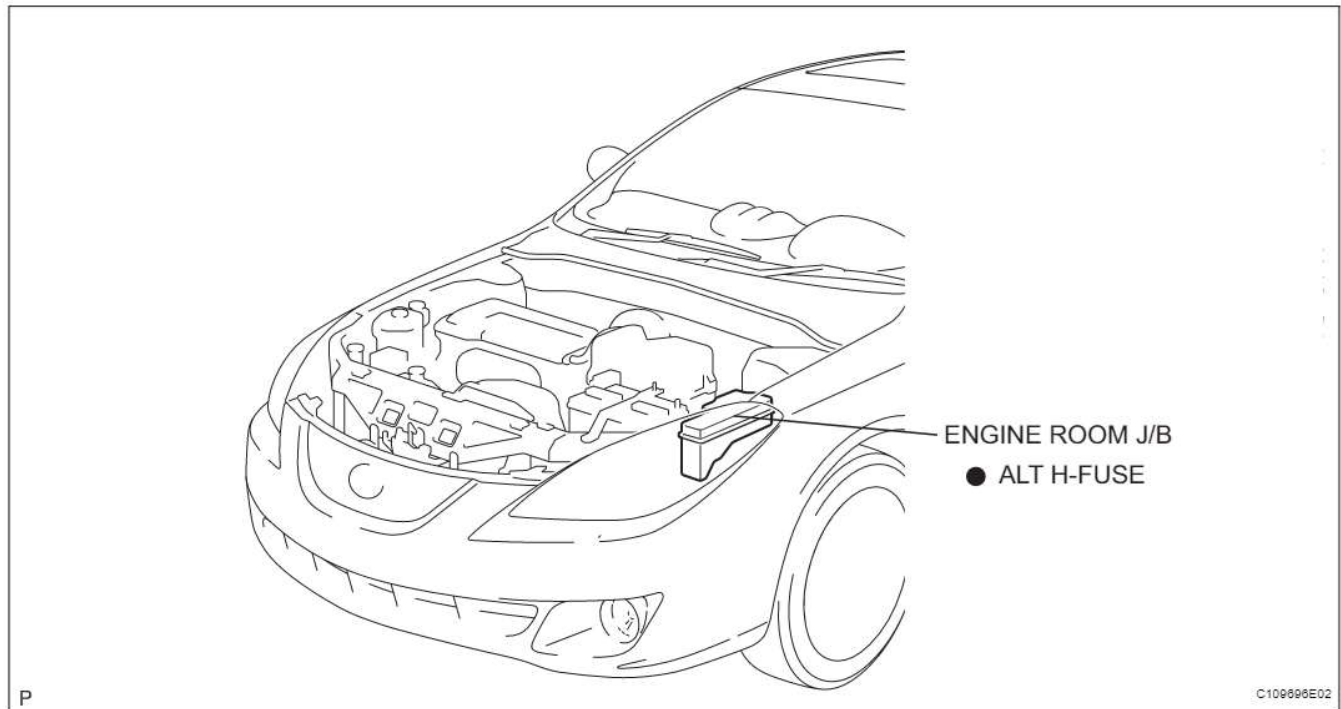
SB-1

SEAT BELT WARNING SYSTEM

PARTS LOCATION



SB

SB-2**SEAT BELT – SEAT BELT WARNING SYSTEM****SB**

INSTALLATION

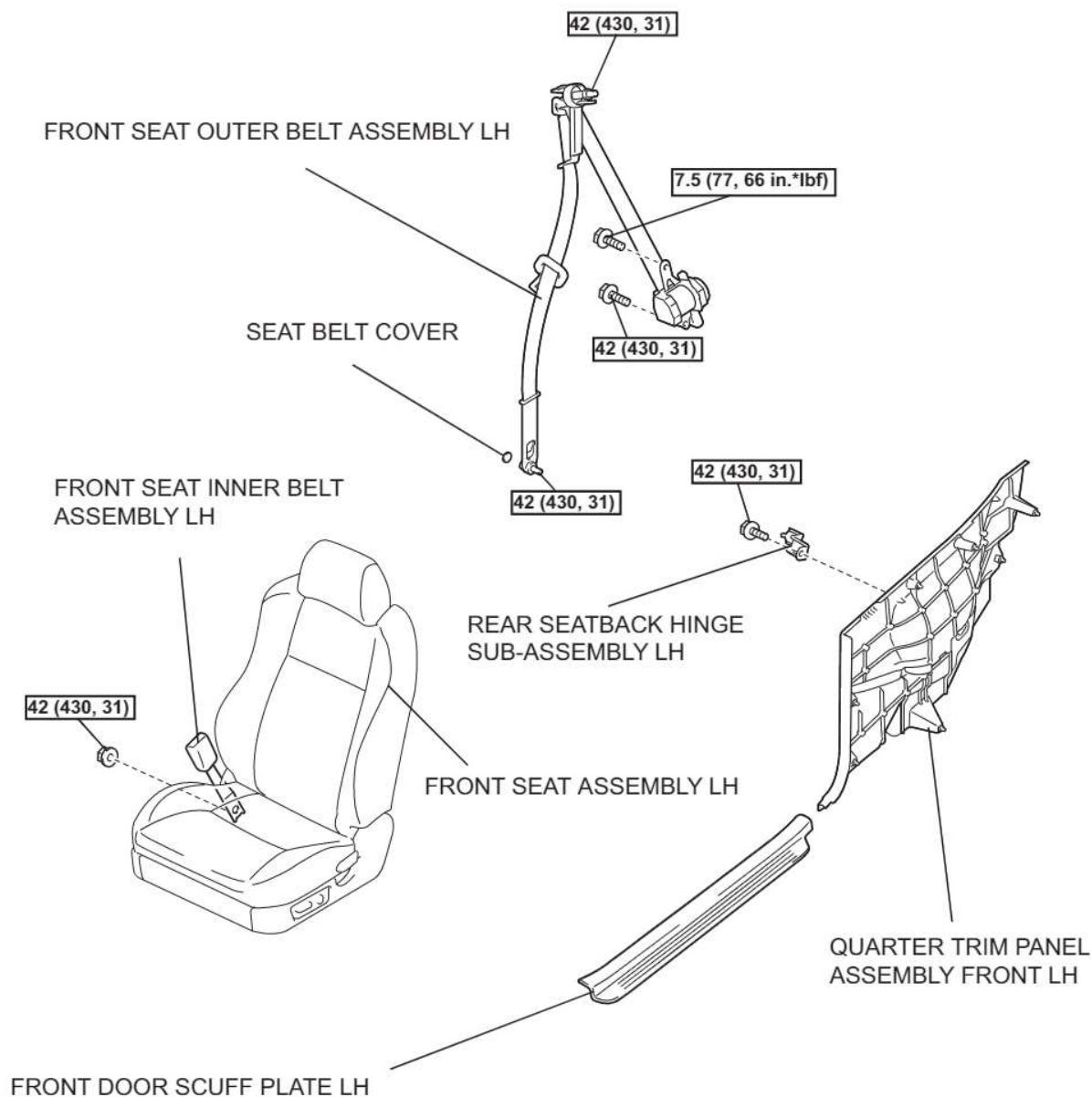
- 1. INSTALL FRONT SEAT INNER BELT ASSEMBLY LH**
 - (a) Install the inner belt with the bolt.
Torque: 42 N*m (430 kgf*cm, 31 ft.*lbf)
- 2. INSTALL FRONT SEAT ASSEMBLY LH**

SEAT BELT – FRONT SEAT INNER BELT ASSEMBLY (for Coupe)

SB-5

FRONT SEAT INNER BELT ASSEMBLY (for Coupe)

COMPONENTS



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

SB

P

C109097E02

SB-6**SEAT BELT – FRONT SEAT INNER BELT ASSEMBLY (for Coupe)**

REMOVAL

- 1. REMOVE FRONT SEAT ASSEMBLY LH**
 - (a) Remove the front seat assembly LH (See page [SE-30](#) for power seat, [SE-18](#) for manual seat).
- 2. REMOVE FRONT SEAT INNER BELT ASSEMBLY LH**
 - (a) Disconnect the connector.
 - (b) Remove the bolt and inner belt.

INSTALLATION

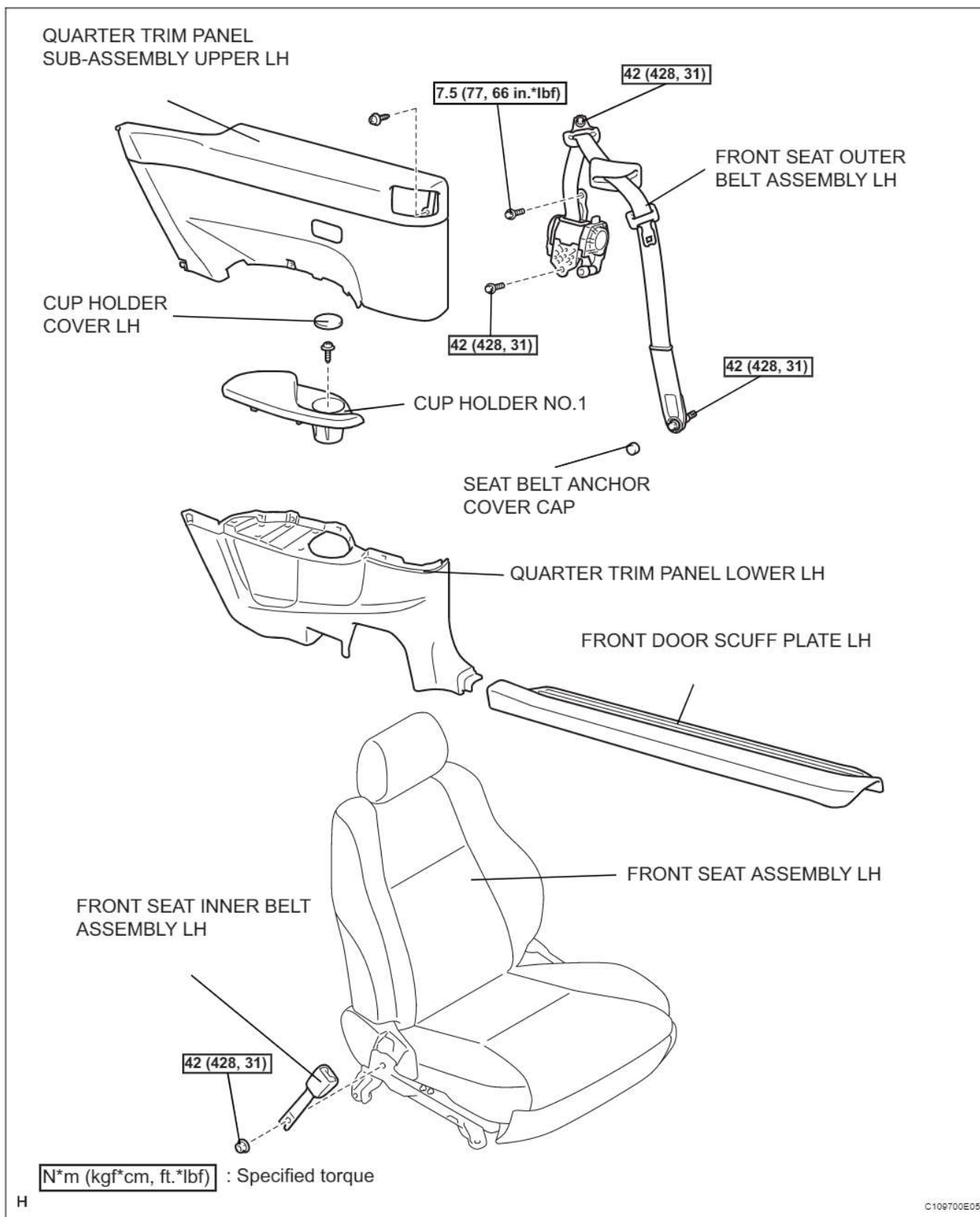
- 1. INSTALL FRONT SEAT INNER BELT ASSEMBLY LH**
 - (a) Install the front seat LH (See page (power seat) or (manual seat)).
- 2. INSTALL FRONT SEAT ASSEMBLY LH**
 - (a) Reconnect the connector.
 - (b) Install the bolt and inner belt.

SEAT BELT – FRONT SEAT INNER BELT ASSEMBLY (for Convertible)

SB-7

FRONT SEAT INNER BELT ASSEMBLY (for Convertible)

COMPONENTS



SB-8**SEAT BELT – FRONT SEAT INNER BELT ASSEMBLY (for Convertible)**

REMOVAL

- 1. REMOVE FRONT SEAT ASSEMBLY LH**
 - (a) Remove the front seat LH (See page [SE-30](#) for power seat, [SE-18](#) for manual seat).
- 2. REMOVE FRONT SEAT INNER BELT ASSEMBLY LH**
 - (a) Disconnect the connector.
 - (b) Remove the bolt and inner belt.

REMOVAL

HINT:

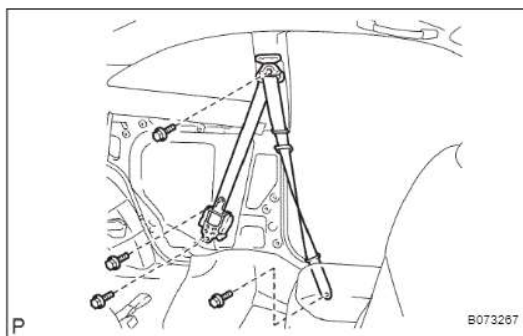
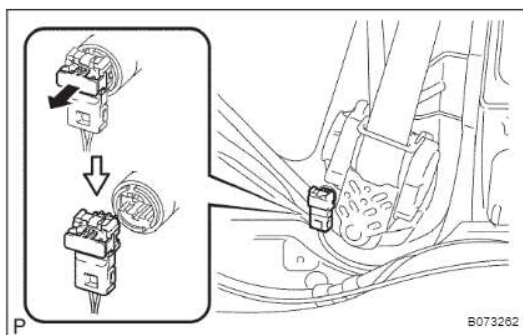
- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- Use the same procedures for the RH side and LH side.
- A bolt without a torque specification is shown in the standard bolt chart (See page [SS-2](#)).

1. REMOVE REAR SEAT CUSHION ASSEMBLY (See page [SE-40](#))
2. REMOVE REAR SEATBACK ASSEMBLY LH (See page [SE-40](#))
3. REMOVE REAR SEATBACK HINGE SUB-ASSEMBLY LH (See page [SE-40](#))
4. REMOVE FRONT DOOR SCUFF PLATE LH (See page [IR-4](#))
5. REMOVE QUARTER TRIM PANLE ASSEMBLY FRONT LH
6. REMOVE FRONT SEAT OUTER BELT ASSEMBLY LH

CAUTION:

- Removal of the seat belt pretensioner must be started at least 90 seconds after the ignition switch is turned OFF and the negative (-) terminal cable is disconnected from the battery.
- Carefully read the notices for the "pretensioner" in the SRS airbag system section and the front seat outer belt section (See page).

- (a) Disconnect the pretensioner connector, as shown in the illustration.



- (b) Remove the seat belt cover.
- (c) Remove the 4 bolts and outer belt.

SB

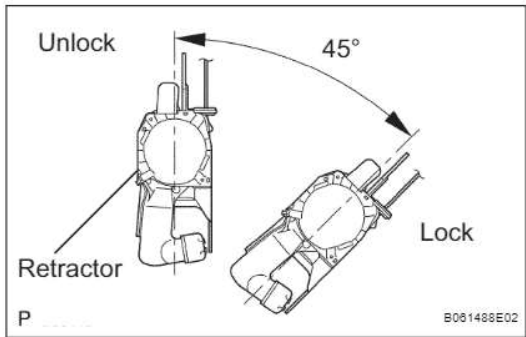
SB-12

SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Coupe)

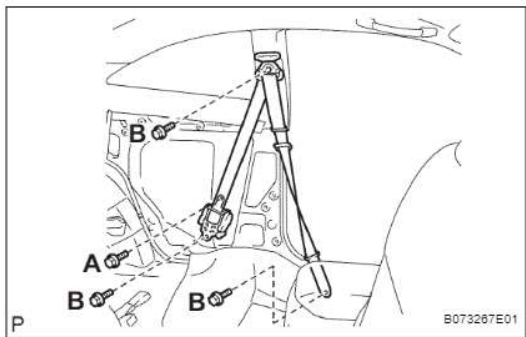
INSTALLATION

1. INSTALL FRONT SEAT OUTER BELT ASSEMBLY LH
NOTICE:

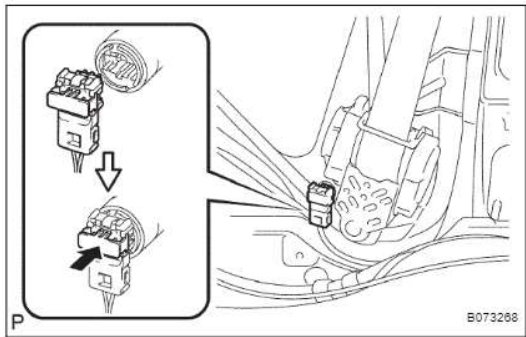
Do not disassemble the retractor.



- (a) Check the amount of inclination required to lock the retractor.
- (1) 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 operation is not as specified, replace the outer belt assembly.



- (b) Install the outer belt with the 4 bolts.
- Torque:** Bolt labeled A
7.5 N*m (77 kgf*cm, 66 in.*lbf)
Bolt labeled B
42 N*m (430 kgf*cm, 31 ft.*lbf)



- (c) Connect the pretensioner connector, as shown in the illustration.
- (d) Install the floor anchor cover.
- (e) Check if the ELR locks.
- NOTICE:**
The check should be performed with the outer belt assembly installed.
- (1) With the belt installed, check that the belt locks when it is pulled out quickly. If operation is not as specified, replace the outer belt assembly.

2. CONNECT BATTERY NEGATIVE TERMINAL

- (a) Connect the battery's negative terminal.

NOTICE:

When disconnecting the negative (-) battery terminal, initialize the following system(s) after the terminal is reconnected.

System Name	See Procedure
Power Window Control System	IN-24
Sliding Roof System	IN-24

- (b) Check the SRS warning light (See page RS-30).

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, USA, INC. When disposing of a front seat outer belt assembly (with seat belt pretensioner) that was activated in a collision, start with step 1-(a) to (f) in this section.

CAUTION:

- Never dispose of a front seat outer belt assembly that has an inactivated pretensioner.
- The seat belt pretensioner produces a loud, exploding sound when it activates. Perform the operation where it will not surprise or disturb people nearby.
- 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 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).

SST 09082-00700

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

HINT:

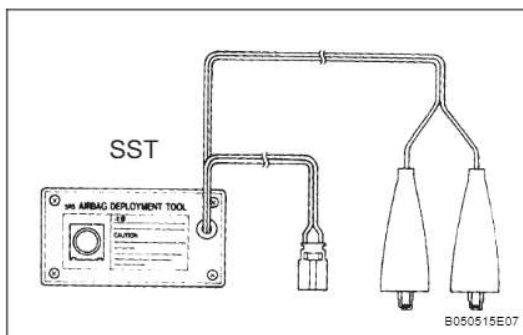
Prepare a battery for power activation of the seat belt pretensioner.

- (a) Check if SST is functioning.

CAUTION:

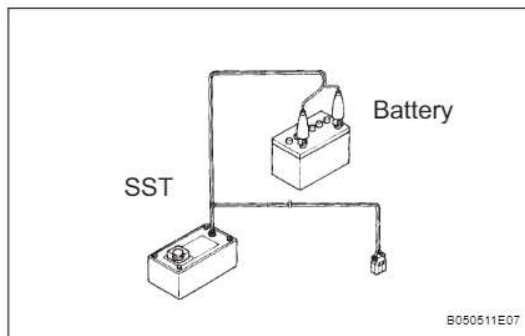
When activating the seat belt pretensioner, always use the specified SST.

SST 09082-00700, 09082-00770



SB-14

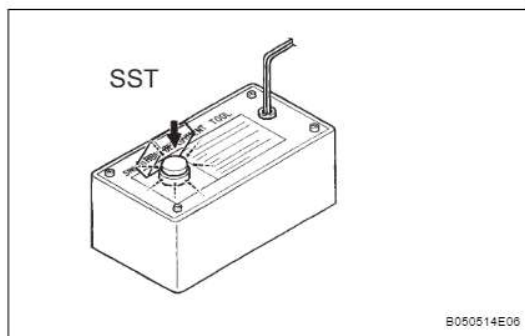
SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Coupe)



- (1) Connect SST 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.

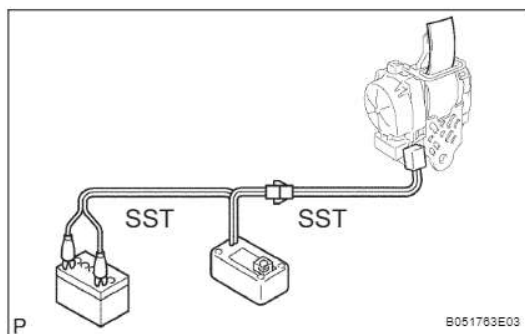
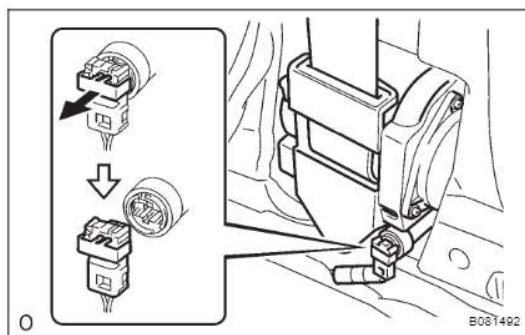


- (2) Press SST activation switch and check that the LED of SST activation switch turns ON.

CAUTION:

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

- (b) Disconnect SST from the battery.
- (c) Disconnect the pretensioner connector.
 - (1) Disconnect the battery negative (-) terminal.
 - (2) Remove the front door scuff plate RH (See page IR-4).
 - (3) Remove the front door opening trim weatherstrip RH (See page IR-4).
 - (4) Remove the center pillar garnish lower RH (See page IR-5).
 - (5) Disconnect the pretensioner connector as shown in the illustration.
- (d) Connect SST.
 - (1) Install the floor anchor of the seat belt.



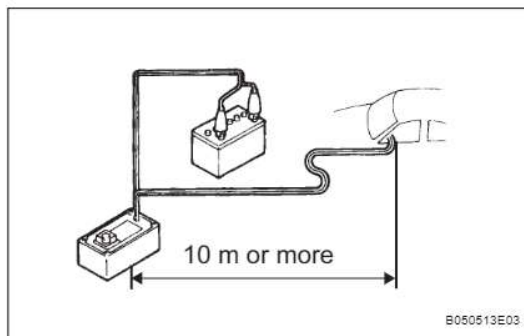
- (2) Connect SST, then connect the yellow connector to the seat belt pretensioner.

SST 09082-00700, 09082-00770

NOTICE:

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

SB

SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Coupe)**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 SST 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 SST activation switch to activate the seat belt pretensioner.
HINT:
The seat belt pretensioner operates at the same time as the SST activation switch's LED light.
 - (f) Dispose of the outer belt (with the seat belt pretensioner).
CAUTION:
 - Do not touch the 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 an outer belt whose pretensioner that 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 outer belt installed.

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

Prepare a battery for power activation of the seat belt pretensioner.

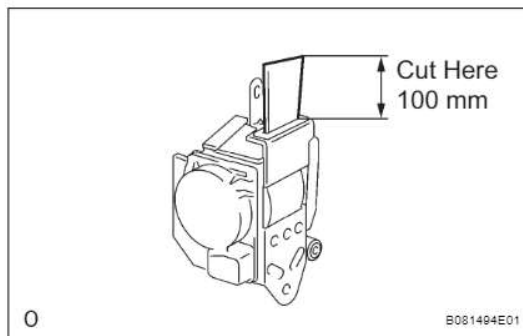
NOTICE:

- 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

SB-16

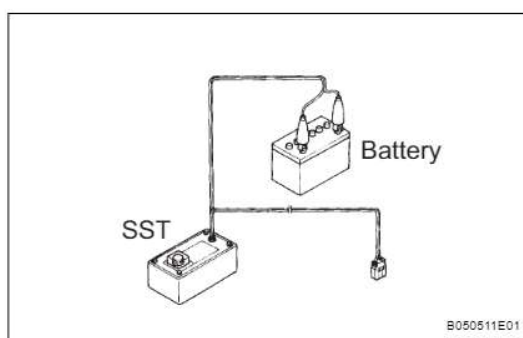
SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Coupe)



- (a) Remove the outer belt (See page [SB-11](#)).
- (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 as much as possible before pretensioner activation will decrease the pulling power of the seat belt during pretensioner activation.

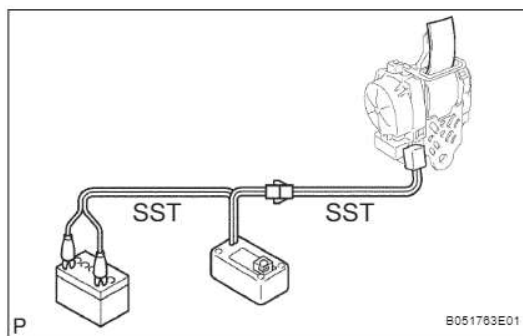


- (b) Check if SST is functioning (see step 1-(a)).

CAUTION:

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

SST 09082-00700, 09082-00770

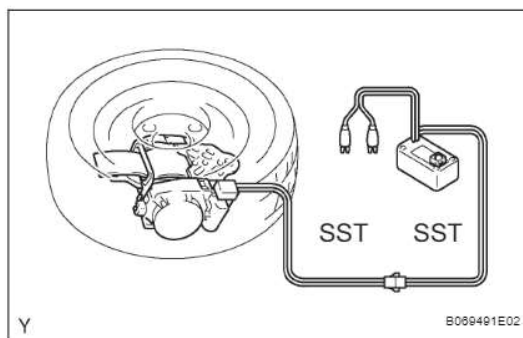


- (c) Connect SST.

- (1) Connect SST, then connect the yellow connector to the seat belt pretensioner.

NOTICE:

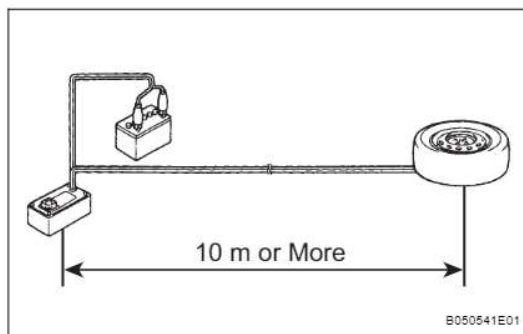
To avoid damaging SST connector and wire harness, do not lock the secondary lock of the twin lock.



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

NOTICE:

Set up the front seat outer belt assembly 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 SST red clip to the battery's positive (+) terminal and the black clip to the battery's negative (-) terminal.

SB

SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Coupe)**SB-17**

- (2) Check that no one is within 10 m (33 ft) of the wheel.
- (3) Press SST activation switch to activate the seat belt pretensioner.

HINT:

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

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

CAUTION:

- **Do not touch the 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 an outer belt assembly whose pretensioner that has been activated.**
- **Always wash your hands with water after completing disposal.**
- **Do not apply water to an outer belt assembly that has an activated pretensioner.**

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

**SB**

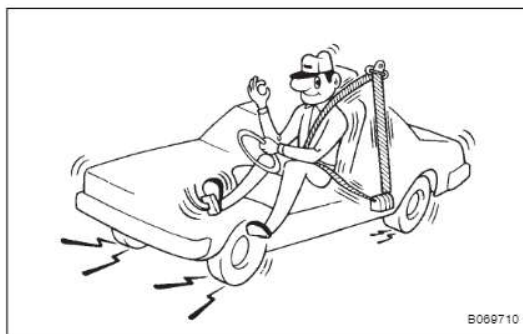
FRONT SEAT OUTER BELT ASSEMBLY (for Coupe)

PRECAUTION

CAUTION:

Replace the faulty parts of the seat belt systems (outer belt, inner belt, bolts, nuts, adjustable shoulder anchor, tether anchor hardware, sill-bar, etc.).

Seat belt systems not in use at the time of a collision should also be inspected and replaced if found to be damaged or working improperly.



1. RUNNING TEST (IN SAFE AREA)

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

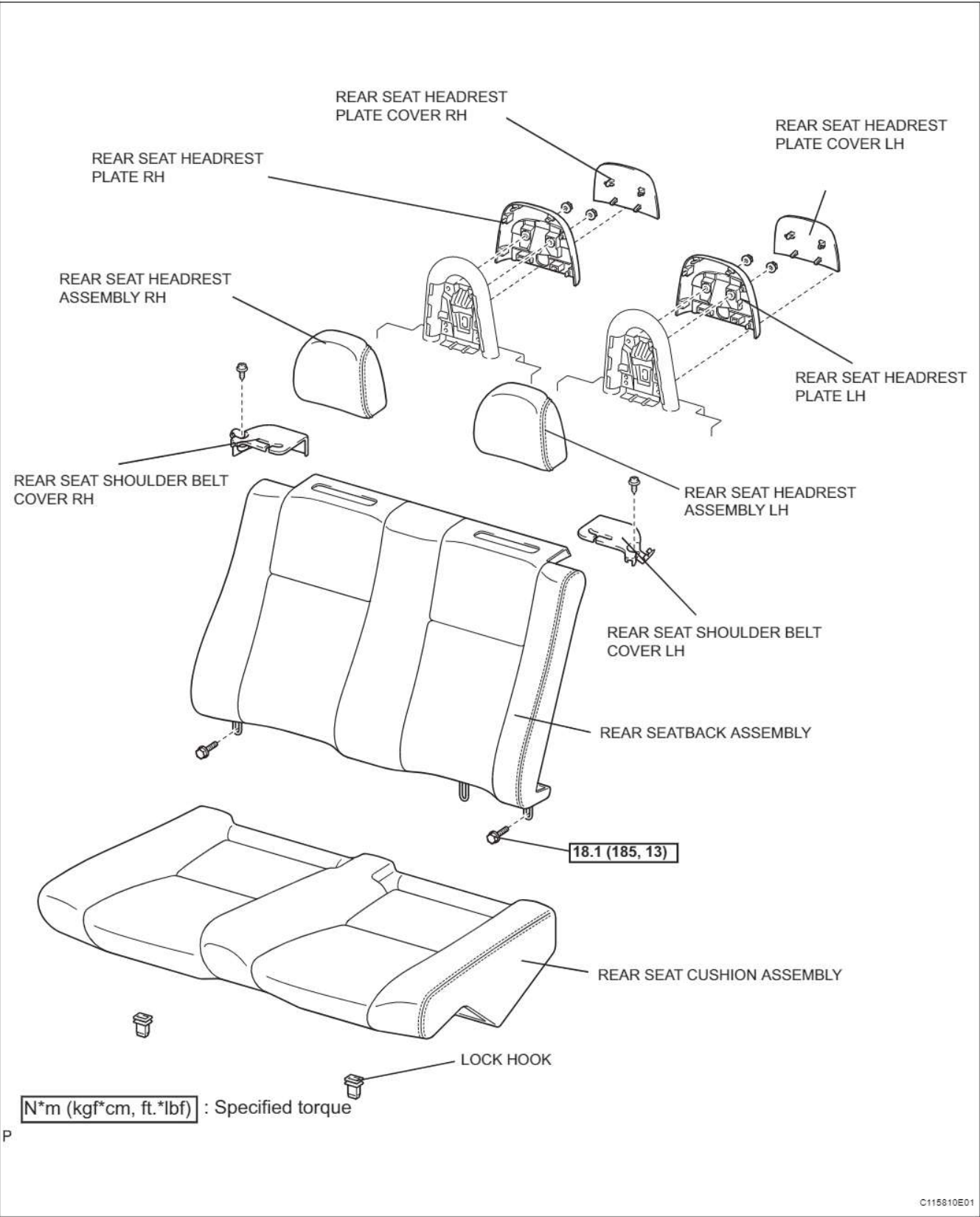
HINT:

Conduct this test in a safe area. If the belt does not lock, remove the belt assembly and perform the inspections. Also whenever installing a new belt assembly, verify the proper operation before installation.

SB-10

SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Coupe)

COMPONENTS



REMOVAL

HINT:

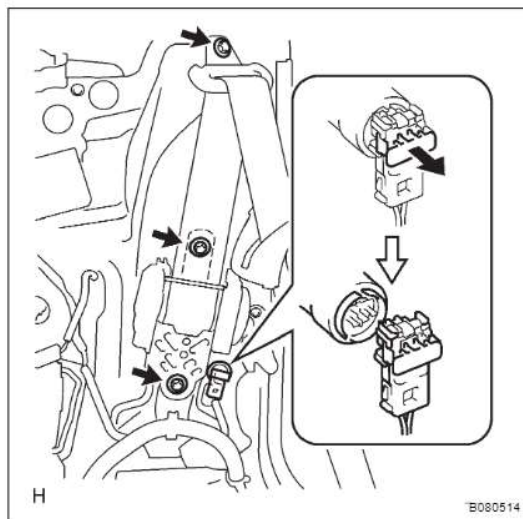
- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.
- A bolt without a torque specification is shown in the standard bolt chart (See page [SS-2](#)).

1. REMOVE REAR SEAT CUSHION ASSEMBLY (See page [SE-46](#))
2. REMOVE REAR SEAT HEADREST PLATE COVER RH (See page [SE-46](#))
3. REMOVE REAR SEAT HEADREST PLATE COVER LH (See page [SE-46](#))
4. REMOVE REAR SEAT HEADREST PLATE RH (See page [SE-47](#))
5. REMOVE REAR SEAT HEADREST PLATE LH (See page [SE-47](#))
6. REMOVE REAR SEAT HEADREST ASSEMBLY RH
7. REMOVE REAR SEAT HEADREST ASSEMBLY LH
8. REMOVE REAR SEAT SHOULDER BELT COVER LH (See page [SE-47](#))
9. REMOVE REAR SEAT SHOULDER BELT COVER RH (See page [SE-47](#))
10. REMOVE REAR SEATBACK ASSEMBLY (See page [SE-47](#))
11. REMOVE FRONT DOOR SCUFF PLATE LH (See page [IR-9](#))
12. REMOVE CUP HOLDER NO.1
13. REMOVE QUARTER TRIM PANEL SUB-ASSEMBLY UPPER LH (See page [IR-10](#))
14. REMOVE QUARTER TRIM PANEL LOWER LH (See page [IR-10](#))
15. REMOVE FRONT SEAT OUTER BELT ASSEMBLY LH
NOTICE:
 - Removal of the seat belt pretensioner must be started at least 90 seconds after the ignition switch is turned OFF and the negative (-) terminal cable is disconnected from the battery.
 - Carefully read the notices for the "pretensioner" in the SRS airbag system section and the front seat outer belt section (See page).

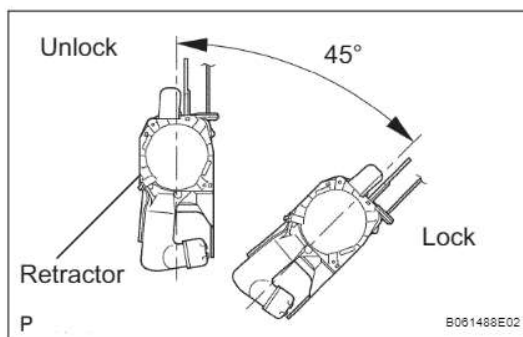
SB

SB-22

SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Convertible)



- (a) Disconnect the pretensioner connector as shown in the illustration.
- (b) Remove the 3 bolts and outer belt.



INSTALLATION

1. INSTALL FRONT SEAT OUTER BELT ASSEMBLY LH
NOTICE:

Do not disassemble the retractor.

- (a) Check the amount of inclination required to lock the retractor.
 - (1) 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 operation is not as specified, replace the outer belt assembly.

- (b) Install the outer belt with the 3 bolts.

Torque: 7.5 N*m (77 kgf*cm, 66 in.*lbf) for bolt A
42 N*m (430 kgf*cm, 31 in.*lbf) for bolt B

Torque: Bolt labeled A
7.5 N*m (77 kgf*cm, 66 in.*lbf)
Bolt labeled B
42 N*m (430 kgf*cm, 31 in.*lbf)

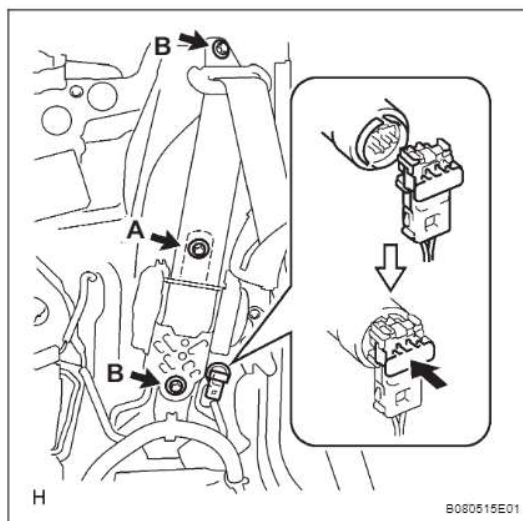
- (c) Connect the pretensioner connector, as shown in the illustration.
- (d) Install the floor anchor with the bolt.

Torque: 42 N*m (430 kgf*cm, 31 in.*lbf)
- (e) Check if the ELR locks.

NOTICE:

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

- (1) With the belt installed, check that the belt locks when it is pulled out quickly. If operation is not as specified, replace the outer belt assembly.



SB

2. CONNECT BATTERY NEGATIVE TERMINAL

- (a) Connect the battery's negative terminal.

NOTICE:

When disconnecting the negative (-) battery terminal, initialize the following system (s) after the terminal is reconnected.

System Name	See Procedure
Power Window Control System	IN-24

- (b) Check the SRS warning light (See page RS-30).

SB-24**SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Convertible)****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. When disposing of a front seat outer belt assembly (with seat belt pretensioner) that was activated in a collision, start with step 1-(a) to (f) in this section.

CAUTION:

- Never dispose of a front seat outer belt assembly that has an inactivated pretensioner.
- The seat belt pretensioner produces a loud, exploding sound when it activates. Perform the operation where it will not surprise or disturb people nearby.
- 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 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).

SST 09082-00700

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

HINT:

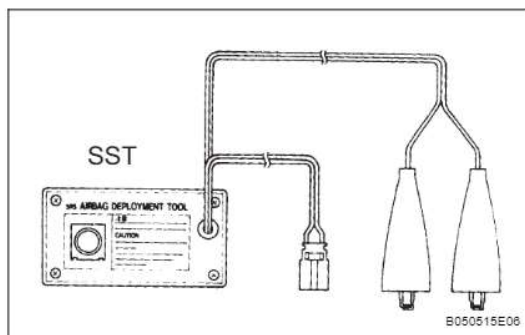
Prepare a battery to power activation of the seat belt pretensioner.

- (a) Check if SST is functioning.

CAUTION:

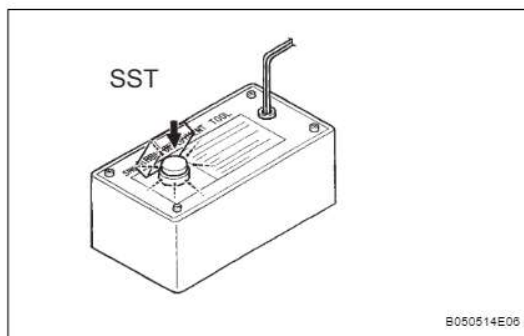
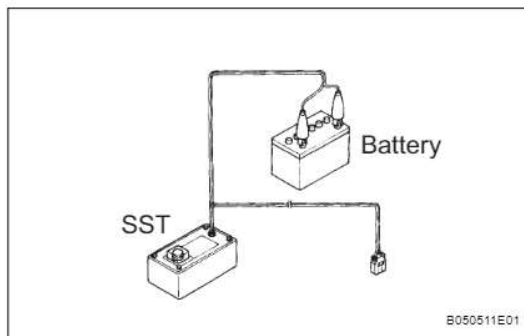
When activating the seat belt pretensioner, always use the specified SST.

SST 09082-00700, 09082-00770



SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Convertible)

SB-25



- (1) Connect SST 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.

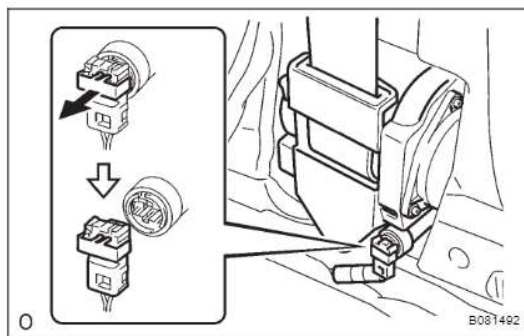
- (2) Press SST activation switch and check that the LED of SST activation switch turns ON.

CAUTION:

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

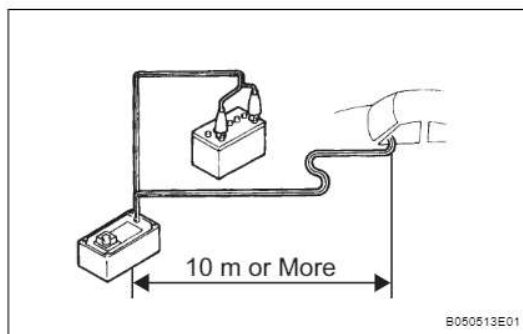
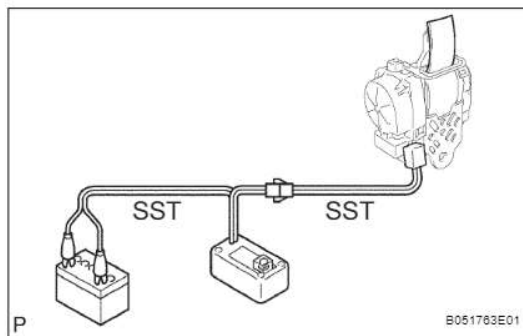
- (b) Disconnect SST from the battery.
- (c) Disconnect the pretensioner connector.
 - (1) Disconnect the battery's negative (-) terminal.
 - (2) Remove the rear seat cushion (See page [SE-46](#)).
 - (3) Remove the rear seat headrest plate cover RH (See page [SE-46](#)).
 - (4) Remove the rear seat headrest plate cover LH (See page [SE-46](#)).
 - (5) Remove the rear seat headrest plate RH (See page [SE-47](#)).
 - (6) Remove the rear seat headrest plate LH (See page [SE-47](#)).
 - (7) Remove the rear seat headrest RH.
 - (8) Remove the rear seat headrest LH.
 - (9) Remove the rear seatback (See page [SE-47](#)).
 - (10) Remove the front door scuff plate LH (See page [IR-9](#)).
 - (11) Remove the cup holder No. 1.
 - (12) Remove the quarter trim panel sub-assembly upper LH (See page [IR-10](#)).
 - (13) Remove the quarter trim panel lower LH (See page [IR-10](#)).
 - (14) Disconnect the pretensioner connector as shown in the illustration.
- (d) Connect SST.
 - (1) Install the floor anchor of the seat belt.

SB



SB-26

SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Convertible)



- (2) Connect SST, then connect the yellow 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.

- (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.

NOTICE:

Take care not to damage SST wire harness.

HINT:

Leave a gap in one of the windows for inserting SST wire harness.

- (5) Connect SST 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 SST activation switch to activate the seat belt pretensioner.

HINT:

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

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

CAUTION:

- Do not touch the 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 an outer belt whose pretensioner that 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 outer belt installed.

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

HINT:

Prepare a battery as the power source to activate the seat belt pretensioner.

SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Convertible)

SB-27

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.

(a) Remove the outer belt (See page [SB-21](#)).

- (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

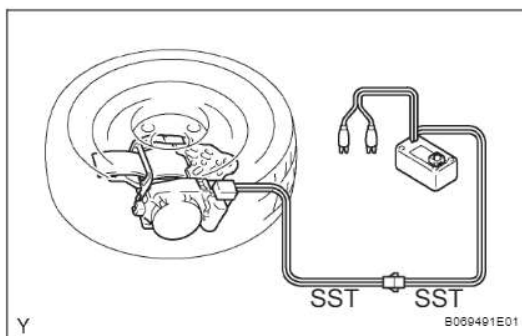
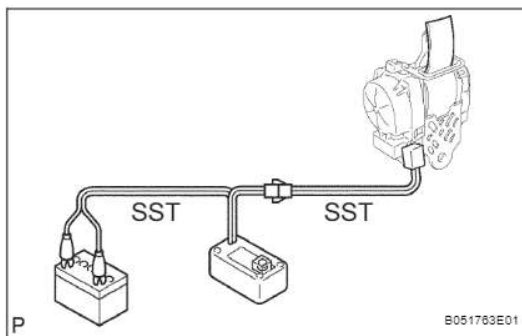
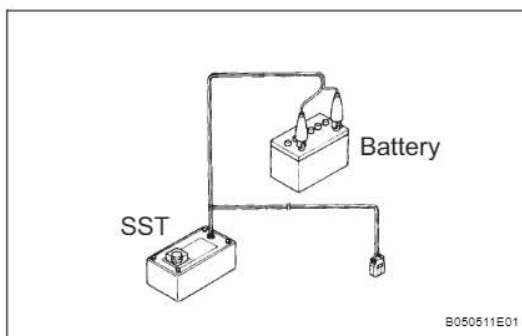
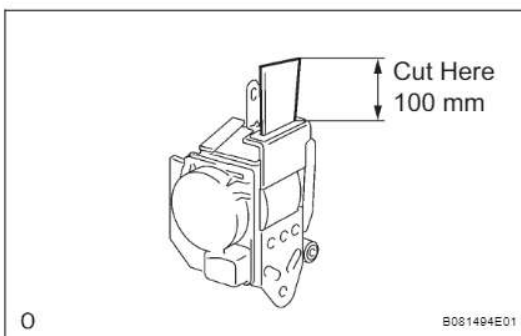
HINT:

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

(b) Check if SST is functioning (see step 1-(a)).

SST 09082-00700, 09082-00770**CAUTION:**

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



(c) Connect SST.

- (1) Connect SST, then connect the yellow connector to the seat belt pretensioner.

NOTICE:

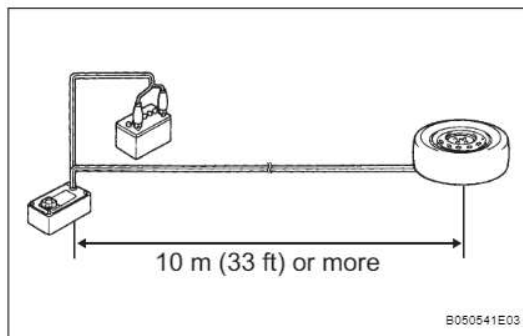
To avoid damaging SST connector and wire harness, do not lock the secondary lock of the twin lock.

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

NOTICE:

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

SB

SB-28**SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Convertible)**

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

HINT:

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

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

CAUTION:

- Do not touch the 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 an outer belt assembly whose pretensioner that has been activated.
- Always wash your hands with water after completing disposal.
- Do not apply water to an outer belt assembly that has an activated pretensioner.

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

SB

SB-18**SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Convertible)**

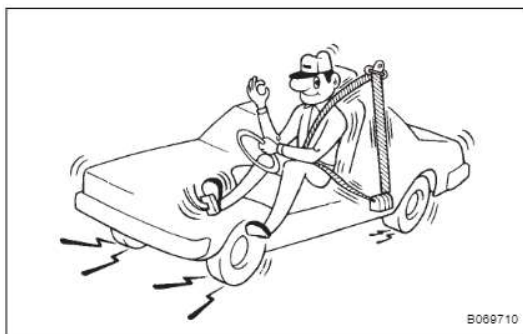
FRONT SEAT OUTER BELT ASSEMBLY (for Convertible)

PRECAUTION

CAUTION:

Replace the faulty parts of the seat belt systems (outer belt, inner belt, bolts, nuts, adjustable shoulder anchor, tether anchor hardware, sill-bar, etc.).

Seat belt systems not in use at the time of a collision should also be inspected and replaced if found to be damaged or working improperly.

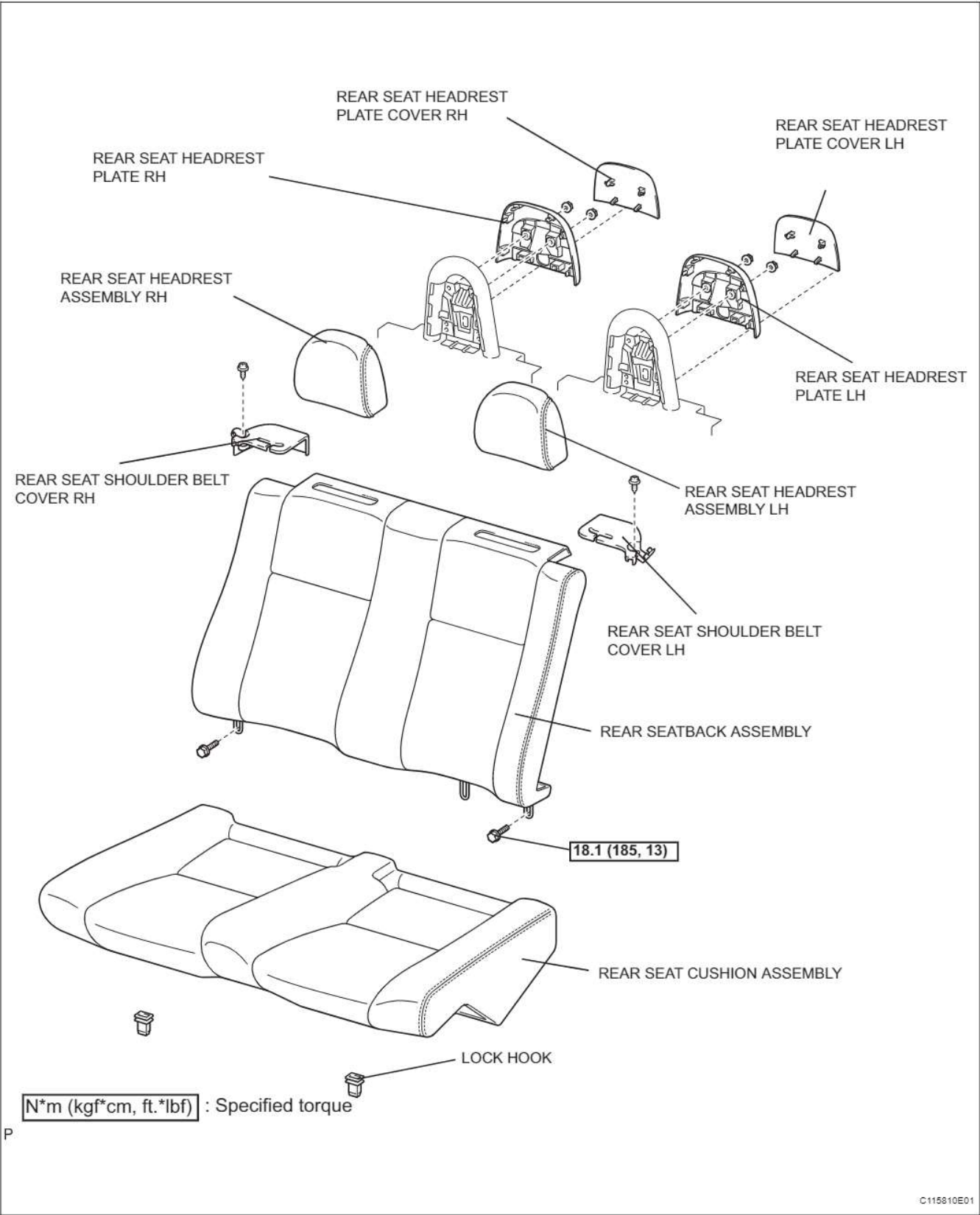
**1. RUNNING TEST (IN SAFE AREA)**

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

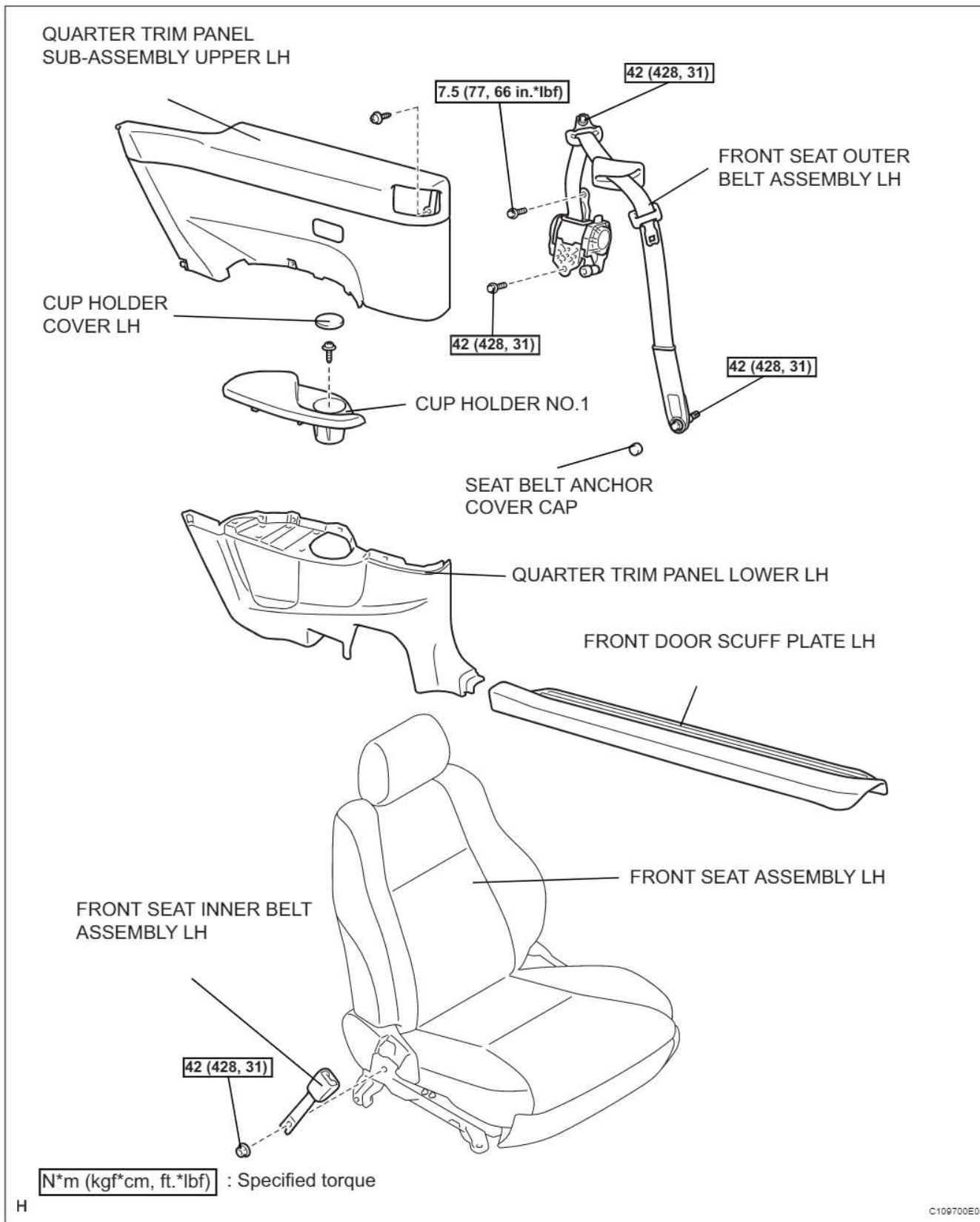
HINT:

Conduct this test in a safe area. If the belt does not lock, remove the belt assembly and perform the inspections. Also whenever installing a new belt assembly, verify the proper operation before installation.

COMPONENTS



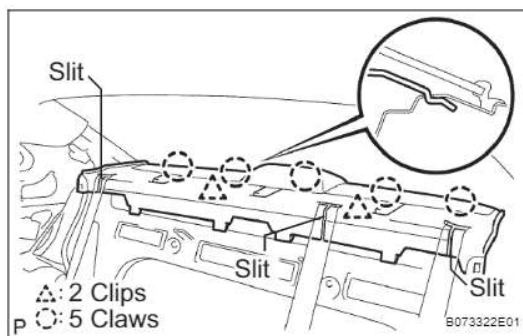
SB

SB-20**SEAT BELT – FRONT SEAT OUTER BELT ASSEMBLY (for Convertible)**

SB-30**SEAT BELT – REAR SEAT INNER BELT ASSEMBLY (for Coupe)****REMOVAL****HINT:**

- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- A bolt without a torque specification is shown in the standard bolt chart (See page [SS-2](#)).
- CRS stands for child restraint seat.

1. **REMOVE REAR SEAT CUSHION ASSEMBLY** (See page [SE-40](#))
2. **REMOVE REAR SEATBACK ASSEMBLY LH** (See page [SE-40](#))
3. **REMOVE REAR SEATBACK ASSEMBLY RH** (See page [SE-40](#))
4. **REMOVE REAR SEATBACK HINGE SUB-ASSEMBLY LH** (See page [SE-40](#))
5. **REMOVE REAR SEATBACK HINGE SUB-ASSEMBLY RH** (See page [SE-40](#))
6. **REMOVE FRONT DOOR SCUFF PLATE LH** (See page [IR-4](#))
7. **REMOVE FRONT DOOR SCUFF PLATE RH** (See page [IR-4](#))
8. **REMOVE QUARTER TRIM PANEL ASSEMBLY FRONT LH**
9. **REMOVE QUARTER TRIM PANEL ASSEMBLY FRONT RH**
10. **REMOVE CENTER PILLAR GARNISH LH** (See page [IR-5](#))
11. **REMOVE CENTER PILLAR GARNISH RH** (See page [IR-5](#))
12. **REMOVE ROOF SIDE GARNISH ASSEMBLY INNER LH** (See page [IR-5](#))
13. **REMOVE ROOF SIDE GARNISH ASSEMBLY INNER RH** (See page [IR-5](#))
14. **REMOVE QUARTER TRIM PANEL UPPER LH**
15. **REMOVE QUARTER TRIM PANEL UPPER RH**
16. **REMOVE PACKAGE TRAY TRIM PANEL ASSEMBLY**
 - (a) Disengage the 2 clips, 5 claws and package tray trim, as shown in the illustration.
17. **REMOVE CRS ANCHOR BRACKET LH**
 - (a) Remove the 2 nuts and anchor bracket.
18. **REMOVE CRS ANCHOR BRACKET RH**
 - (a) Remove the 2 nuts and anchor bracket.

**SB**

SEAT BELT – REAR SEAT INNER BELT ASSEMBLY (for Coupe)**SB-31****19. REMOVE REAR SEAT INNER W/CENTER BELT ASSEMBLY LH**

- (a) Remove the 2 bolts and inner belt.

20. REMOVE REAR SEAT INNER W/CENTER BELT ASSEMBLY RH

- (a) Remove the nut and inner belt.

21. REMOVE CRS TETHER ANCHOR BRACKET

- (a) Remove the 3 bolts and 3 anchor brackets.

SB

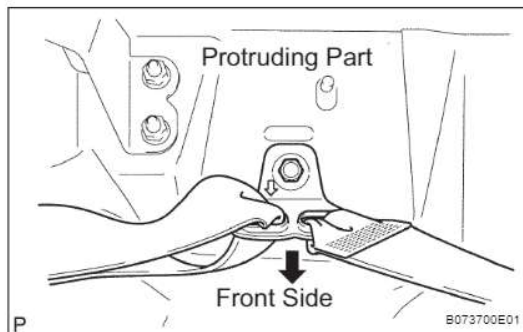
SB-32

SEAT BELT – REAR SEAT INNER BELT ASSEMBLY (for Coupe)

INSTALLATION

1. INSTALL CRS TETHER ANCHOR BRACKET

- (a) Install the 3 anchor brackets with the 3 bolts.
Torque: 42 N*m (430 kgf*cm, 31 in.*lbf)



2. INSTALL REAR SEAT INNER W/CENTER BELT ASSEMBLY RH

- (a) Install the inner belt with the nut, as shown in the illustration.

Torque: 42 N*m (430 kgf*cm, 31 in.*lbf)

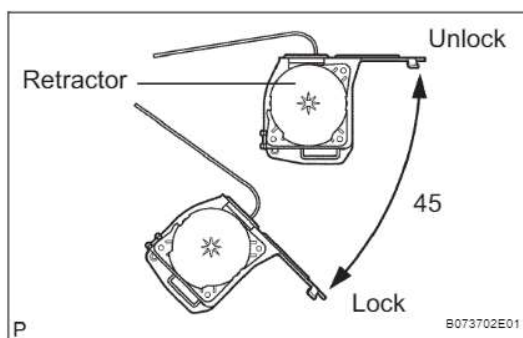
NOTICE:

Do not make the anchor part run onto the protruding part of the floor panel.

3. INSTALL REAR SEAT INNER W/CENTER BELT ASSEMBLY LH

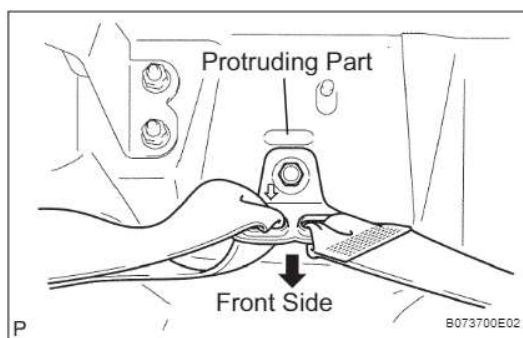
NOTICE:

Do not disassemble the retractor.



- (a) Check the degree of tilt when the belt begins to lock the ELR.
(b) Check the amount of inclination required to lock the retractor.
(1) 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 operation is not as specified, replace the belt assembly.

SB



- (c) Install the inner belt with the 2 bolts.
Torque: 42 N*m (430 kgf*cm, 31 in.*lbf)

NOTICE:

Do not make the anchor part run onto the protruding part of the floor panel.

- (d) Check the ELR lock.

NOTICE:

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

- (1) With the belt installed, check that the belt locks when it is pulled out quickly.
If operation is not as specified, replace the belt assembly.
(e) 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 operation is not as specified, replace the belt assembly.

SEAT BELT – REAR SEAT INNER BELT ASSEMBLY (for Coupe)**SB-33**

- 4. INSTALL CRS ANCHOR BRACKET RH**
 - (a) Install the anchor bracket with the 2 nuts.
Torque: 18.1 N*m (185 kgf*cm, 13 in.*lbf)
- 5. INSTALL CRS ANCHOR BRACKET LH**
 - (a) Install the anchor bracket with the 2 nuts.
Torque: 18.1 N*m (185 kgf*cm, 13 in.*lbf)

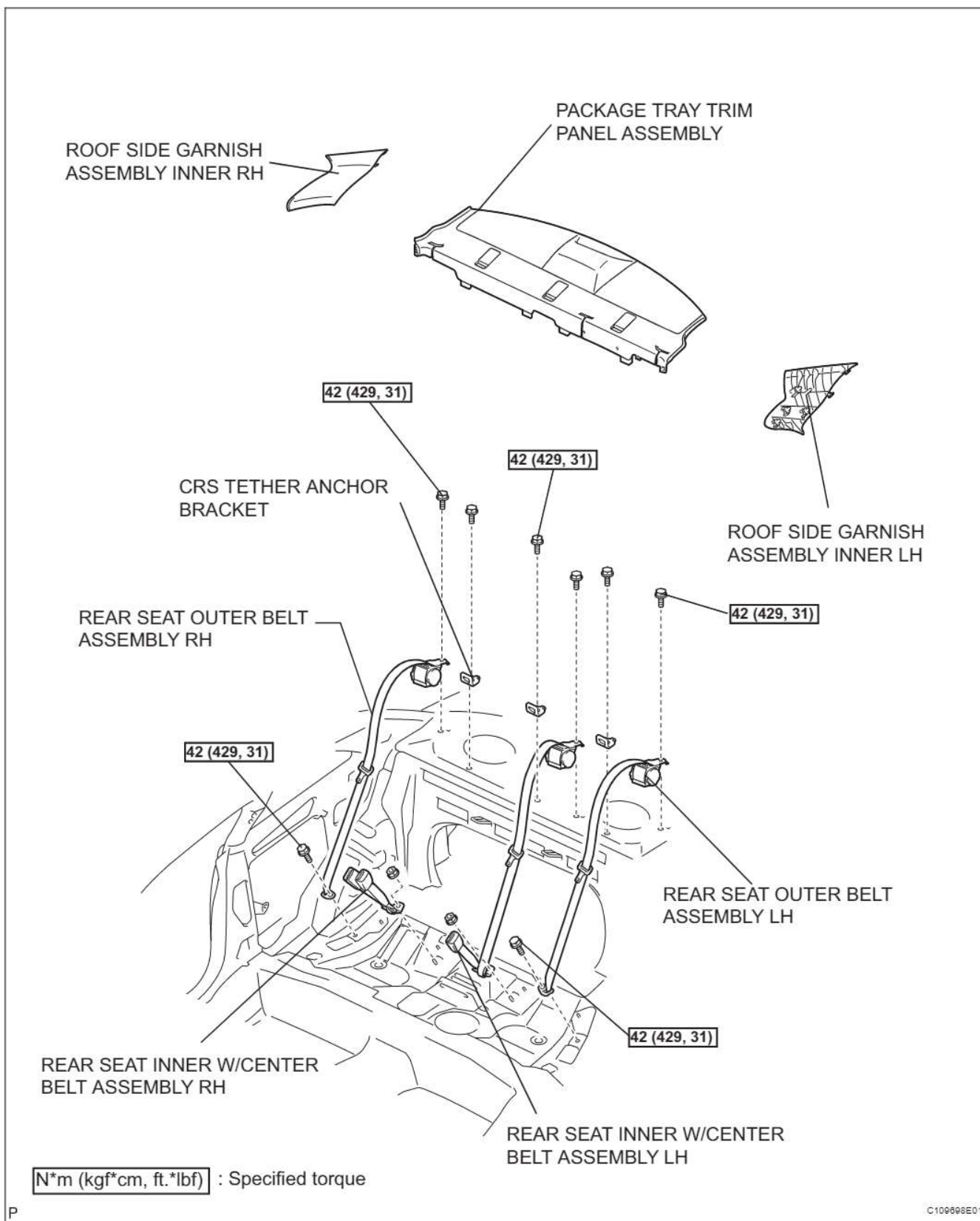
SB

SB-28

SEAT BELT – REAR SEAT INNER BELT ASSEMBLY (for Coupe)

REAR SEAT INNER BELT ASSEMBLY (for Coupe)

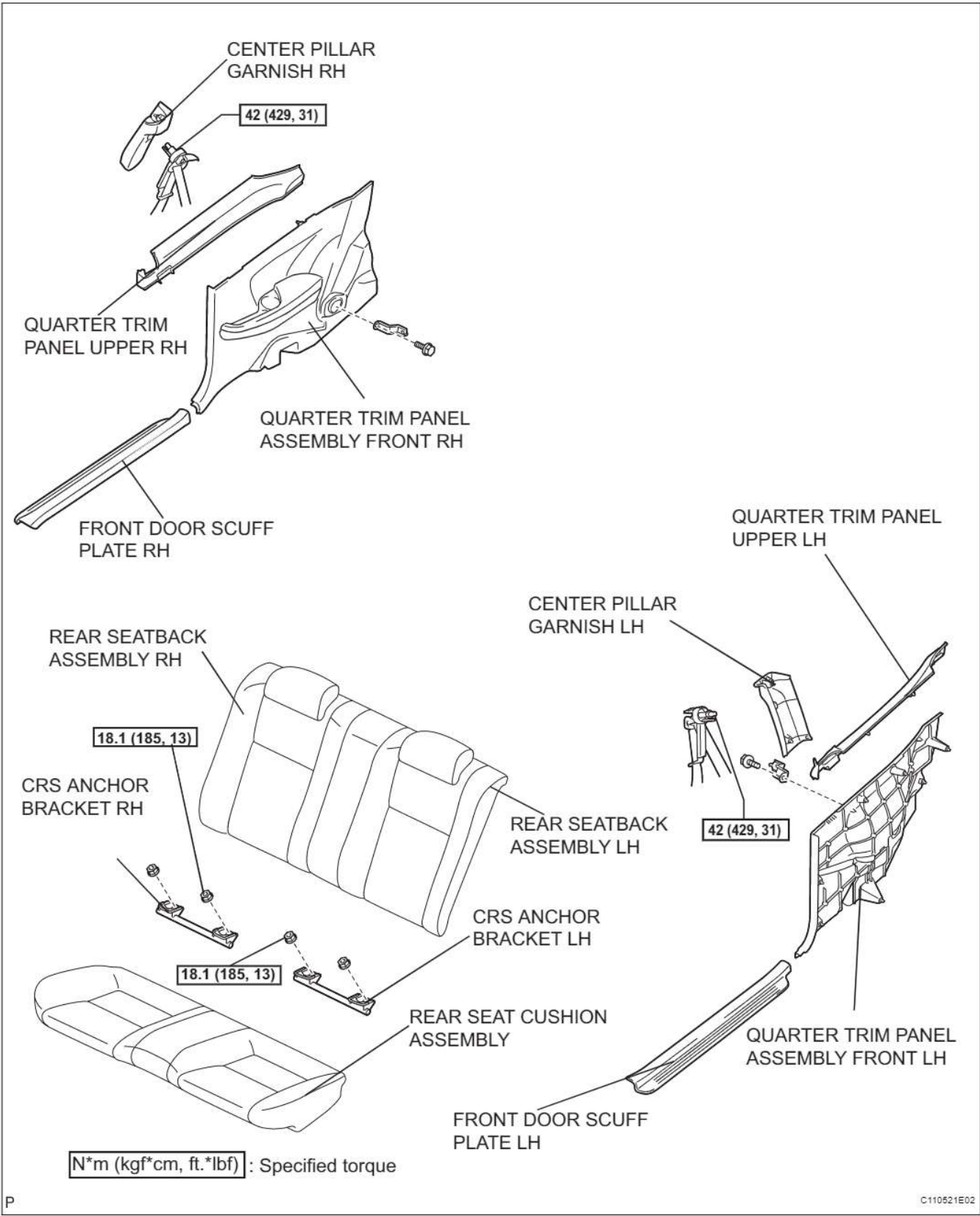
COMPONENTS



SEAT BELT – REAR SEAT INNER BELT ASSEMBLY (for Coupe)

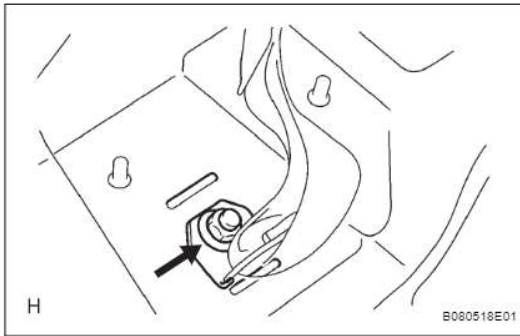
SB-29

SB



SEAT BELT – REAR SEAT INNER BELT ASSEMBLY (for Convertible)**SB-35****REMOVAL**

1. REMOVE REAR SEAT CUSHION ASSEMBLY
2. REMOVE REAR SEAT INNER BELT ASSEMBLY LH
 - (a) Remove the nut and belt.

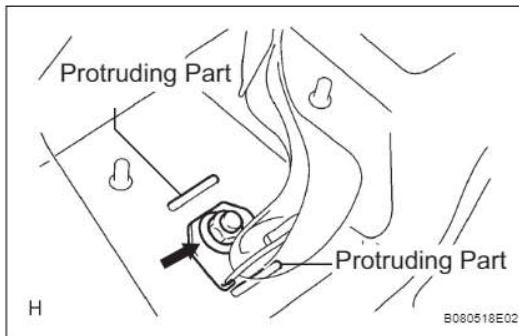
**SB**

SB-36**SEAT BELT – REAR SEAT INNER BELT ASSEMBLY (for Convertible)****INSTALLATION**

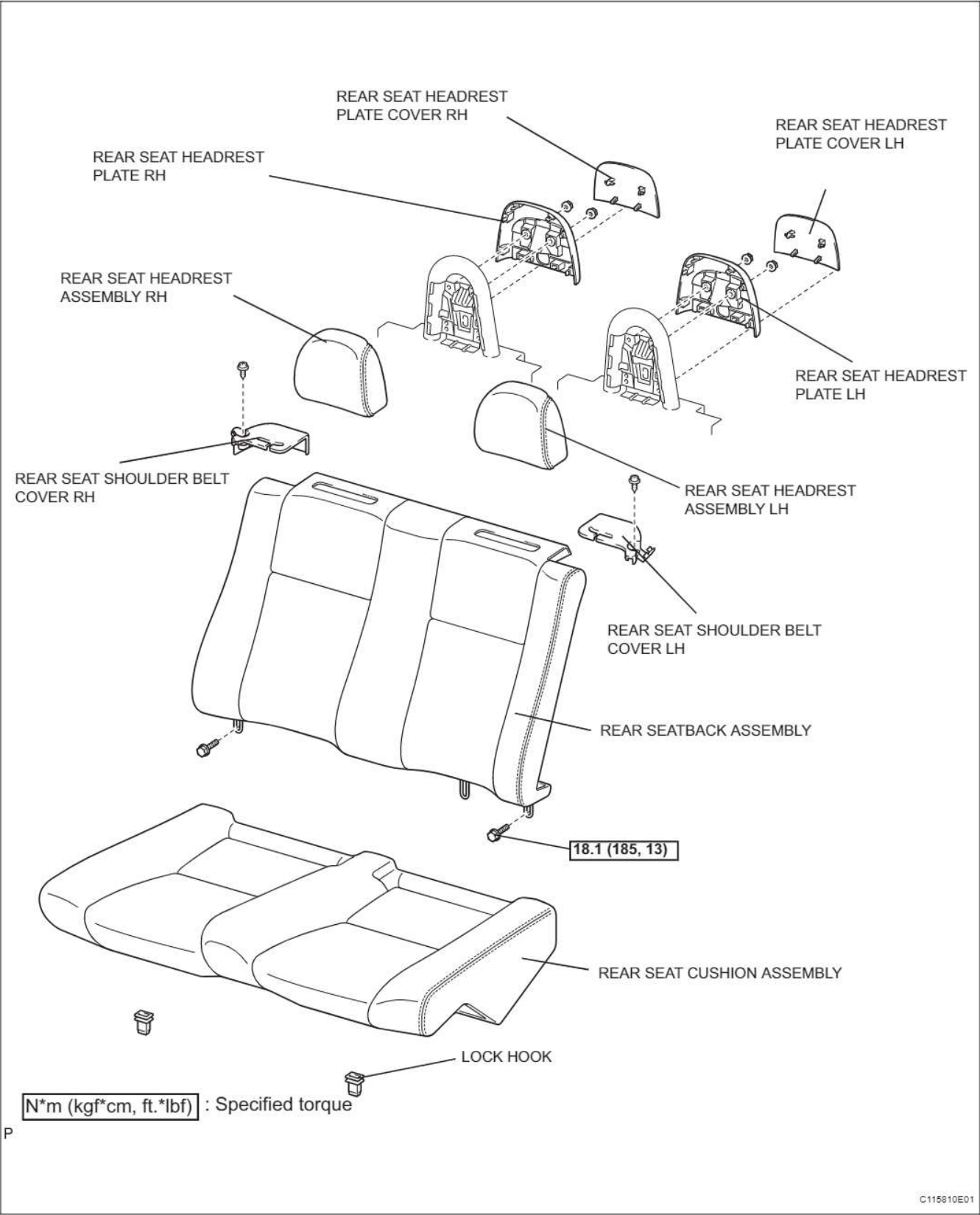
1. **INSTALL REAR SEAT INNER BELT ASSEMBLY LH**
2. **INSTALL REAR SEAT CUSHION ASSEMBLY**

(a) Install the belt with the nut, as shown in the illustration.

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

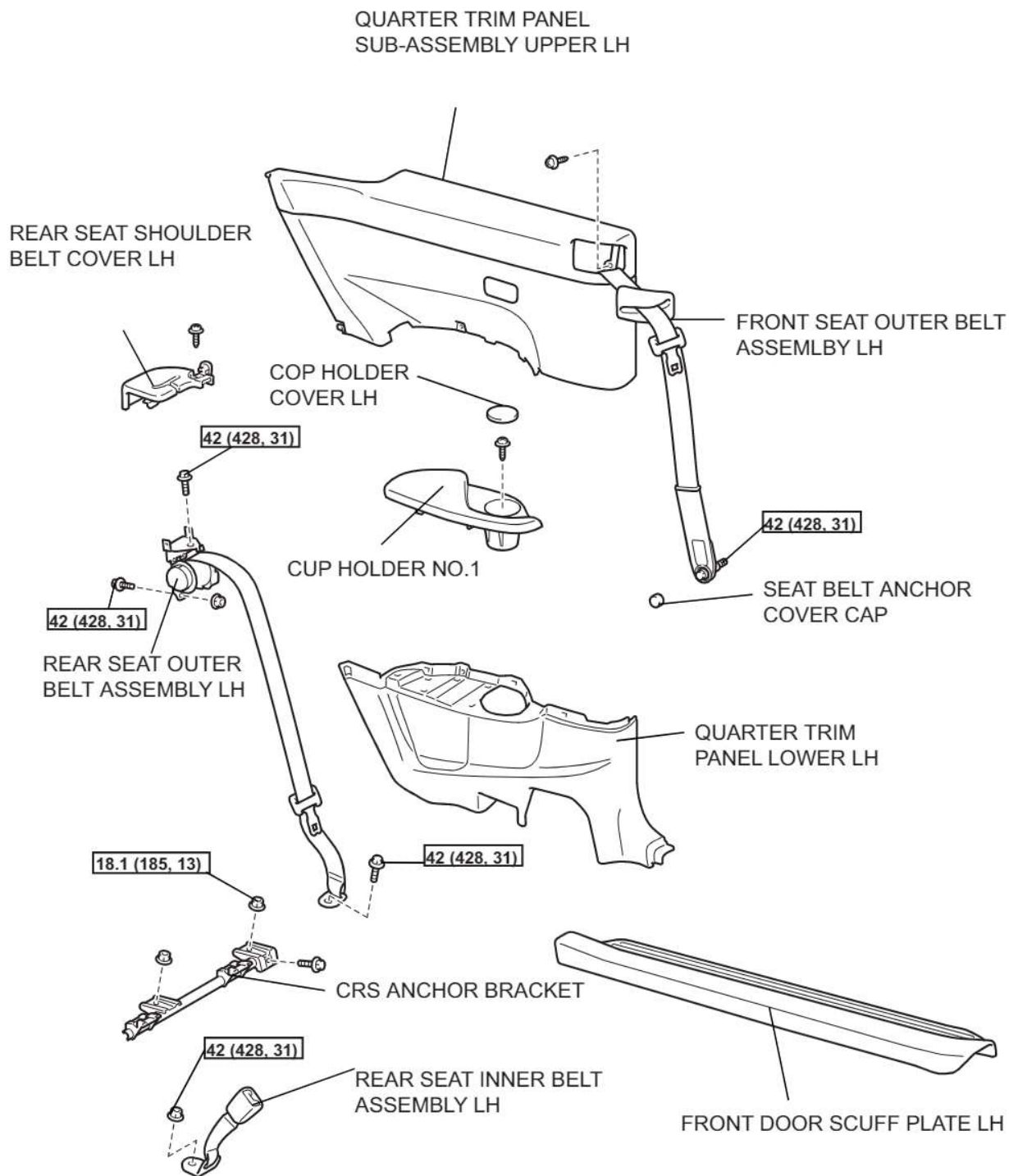
**SB**

REAR SEAT INNER BELT ASSEMBLY (for Convertible)
COMPONENTS



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SEAT BELT – REAR SEAT INNER BELT ASSEMBLY (for Convertible)



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

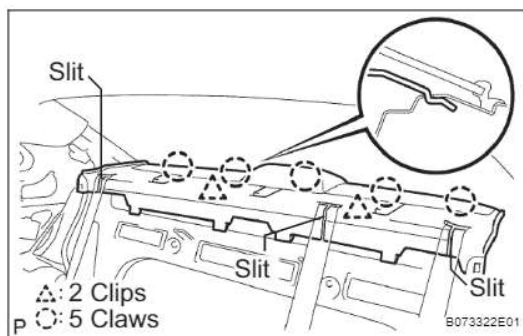
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SB-38**SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY (for Coupe)****REMOVAL****HINT:**

- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- A bolt without a torque specification is shown in the standard bolt chart (See page [SS-2](#)).
- CRS stands for child restraint seat.

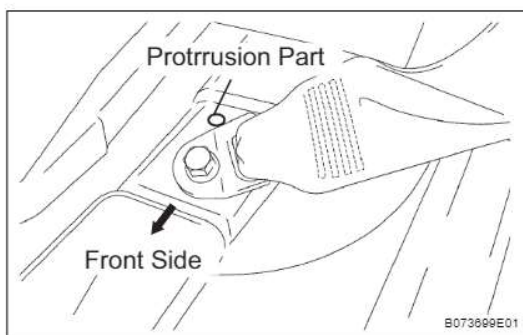
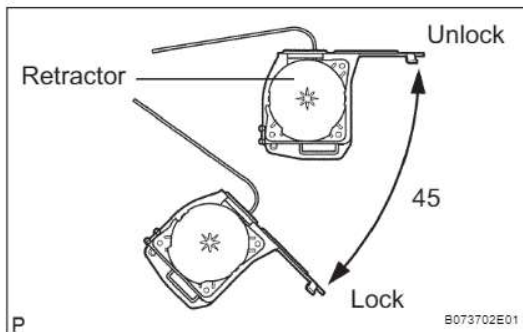
1. **REMOVE REAR SEAT CUSHION ASSEMBLY** (See page [SE-40](#))
2. **REMOVE REAR SEATBACK ASSEMBLY LH** (See page [SE-40](#))
3. **REMOVE REAR SEATBACK ASSEMBLY RH** (See page [SE-40](#))
4. **REMOVE REAR SEATBACK HINGE SUB-ASSEMBLY LH** (See page [SE-40](#))
5. **REMOVE REAR SEATBACK HINGE SUB-ASSEMBLY RH** (See page [SE-40](#))
6. **REMOVE FRONT DOOR SCUFF PLATE LH** (See page [IR-4](#))
7. **REMOVE FRONT DOOR SCUFF PLATE RH** (See page [IR-4](#))
8. **REMOVE QUARTER TRIM PANEL ASSEMBLY FRONT LH**
9. **REMOVE QUARTER TRIM PANEL ASSEMBLY FRONT RH**
10. **REMOVE CENTER PILLAR GARNISH LH** (See page [IR-5](#))
11. **REMOVE CENTER PILLAR GARNISH RH** (See page [IR-5](#))
12. **REMOVE ROOF SIDE GARNISH ASSEMBLY INNER LH** (See page [IR-5](#))
13. **REMOVE ROOF SIDE GARNISH ASSEMBLY INNER RH** (See page [IR-5](#))
14. **REMOVE QUARTER TRIM PANEL UPPER LH**
15. **REMOVE QUARTER TRIM PANEL UPPER RH**
16. **REMOVE PACKAGE TRAY TRIM PANEL ASSEMBLY**
 - (a) Disengage the 2 clips, 5 claws and package tray trim, as shown in the illustration.
17. **REMOVE REAR SEAT OUTER BELT ASSEMBLY LH**
 - (a) Remove the 2 bolts and outer belt.
18. **REMOVE REAR SEAT OUTER BELT ASSEMBLY RH**
 - (a) Remove the 2 bolts and outer belt.



SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY (for Coupe)

SB-39

INSTALLATION

1. INSTALL REAR SEAT OUTER BELT ASSEMBLY RH
NOTICE:**Do not disassemble the retractor.**

- (a) Check the degree of tilt when the belt begins to lock the ELR.
- (b) Check the amount of inclination required to lock the retractor.

- (1) 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 operation is not as specified, replace the belt assembly.

- (c) Install the inner belt with the 2 bolts.
Torque: 42 N*m (430 kgf*cm, 31 in.*lbf)

NOTICE:**Do not make the anchor part run onto the protruding part of the floor panel.**

- (d) Check the ELR lock.

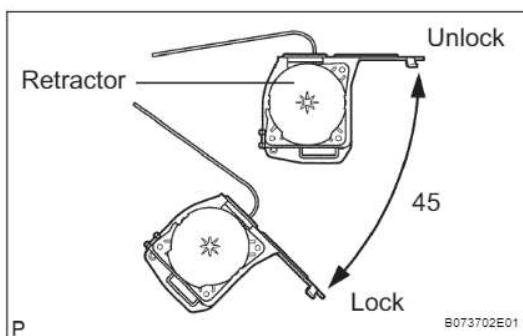
NOTICE:**The check should be performed with the outer belt assembly installed.**

- (1) With the belt installed, check that the belt locks when it is pulled out quickly. If operation is not as specified, replace the belt assembly.

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

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

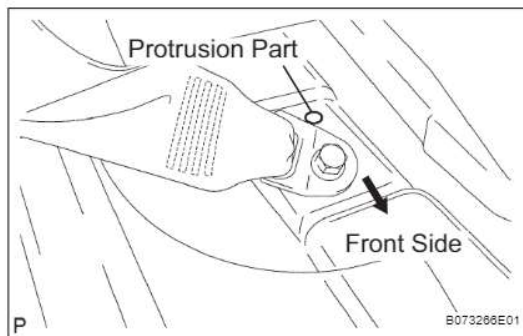
- (1) When the belt is pulled out fully, the belt should automatically try to retract.
- (2) After the belt has fully retracted, the belt should be able to be pulled out and retracted again. If operation is not as specified, replace the belt assembly.

2. INSTALL REAR SEAT OUTER BELT ASSEMBLY LH
NOTICE:**Do not disassemble the retractor.**

- (a) Check the degree of tilt when the belt begins to lock the ELR.
- (b) Check the amount of inclination required to lock the retractor.

- (1) 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 operation is not as specified, replace the belt assembly.

SB

SB-40**SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY (for Coupe)**

- (c) Install the inner belt with the 2 bolts.

Torque: 42 N*m (430 kgf*cm, 31 in.*lbf)

NOTICE:

Do not make the anchor part run onto the protruding part of the floor panel.

- (d) Check the ELR lock.

NOTICE:

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

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

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

- (e) Check 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.

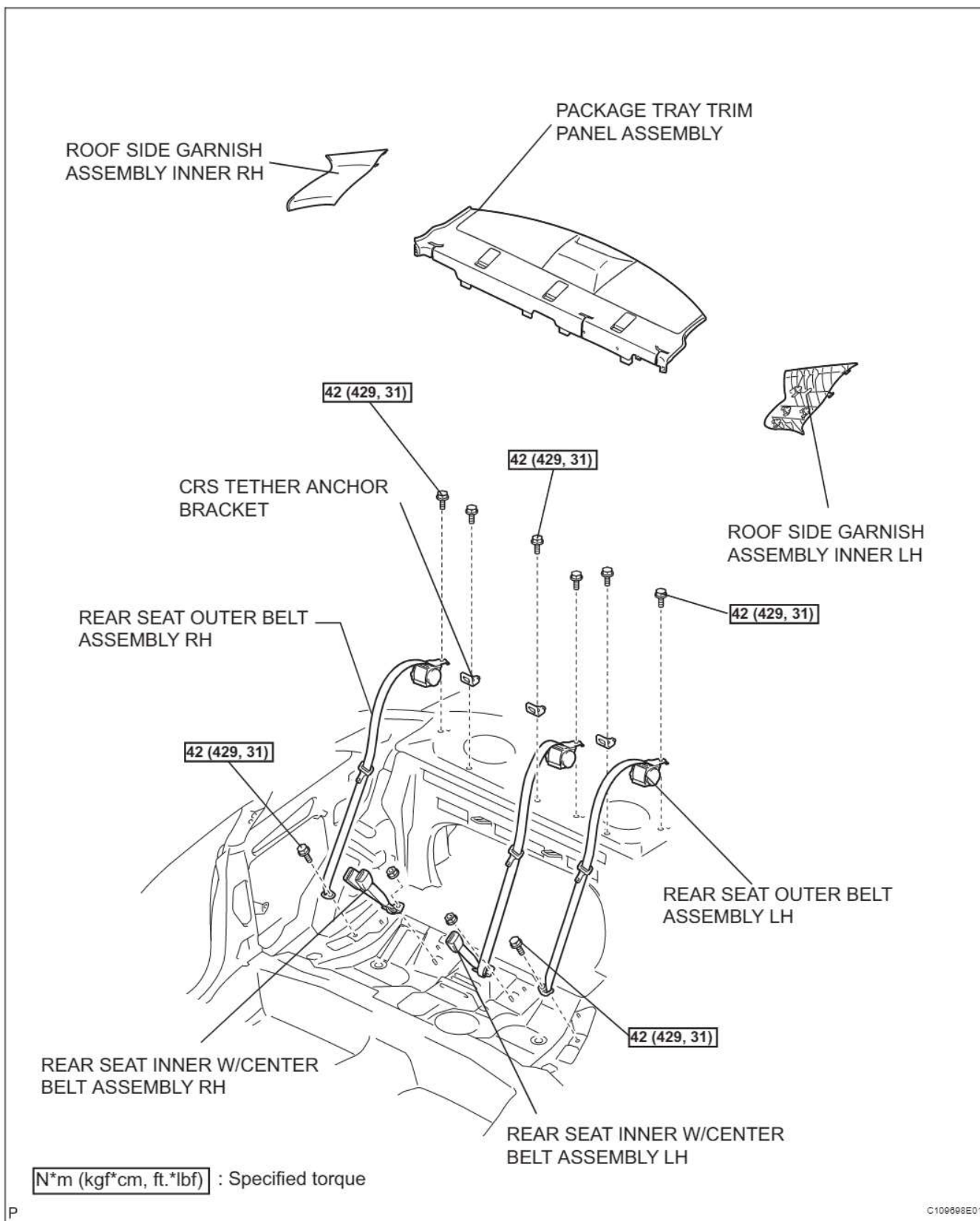
If operation is not as specified, replace the belt assembly.

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SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY (for Coupe)

REAR SEAT OUTER BELT ASSEMBLY (for Coupe)

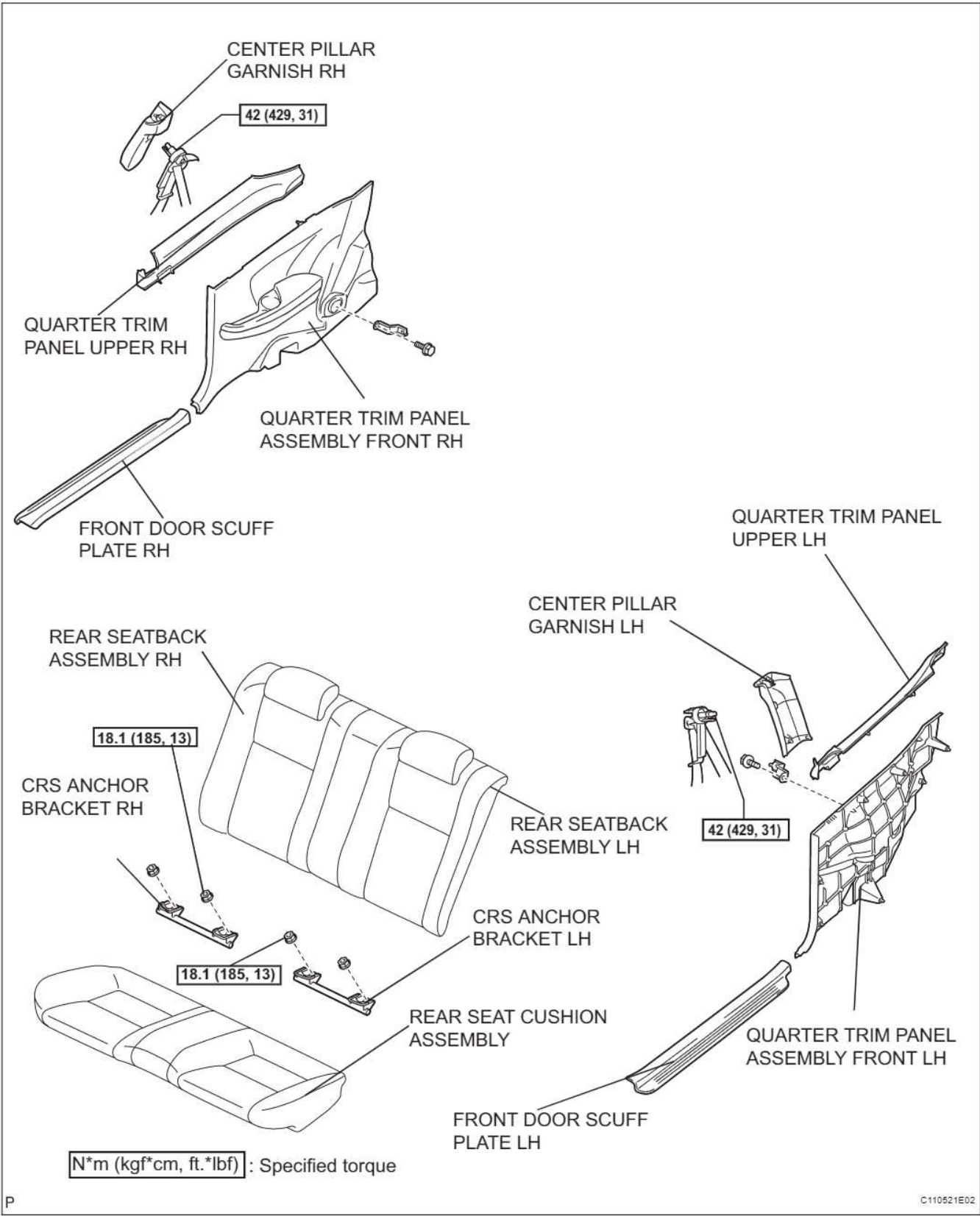
COMPONENTS



SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY (for Coupe)

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SB

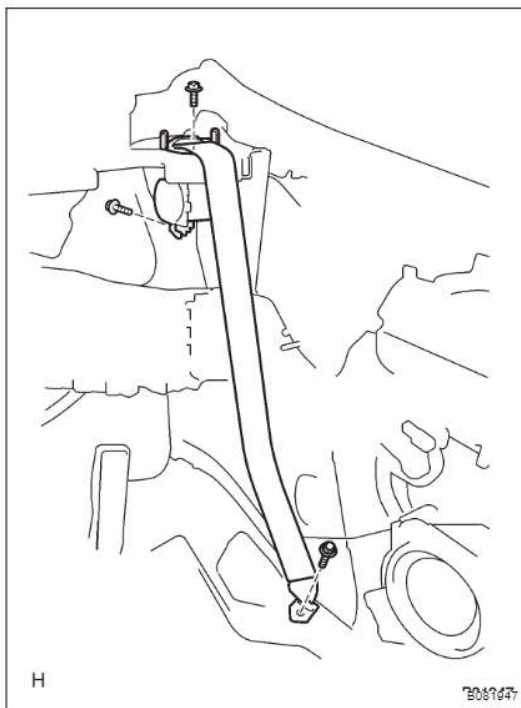


REMOVAL

HINT:

- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
- 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](#)).
- CRS stands for child restraint seat.

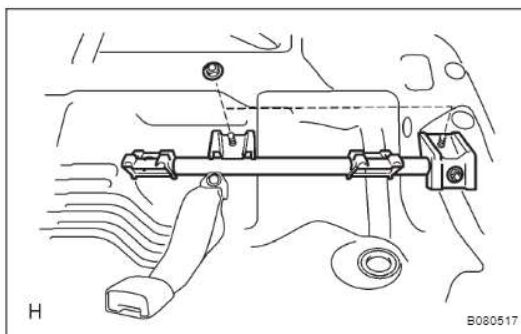
1. REMOVE REAR SEAT CUSHION ASSEMBLY (See page [SE-46](#))
2. REMOVE REAR SEAT HEADREST PLATE COVER RH (See page [SE-46](#))
3. REMOVE REAR SEAT HEADREST PLATE COVER LH (See page [SE-46](#))
4. REMOVE REAR SEAT HEADREST PLATE RH (See page [SE-47](#))
5. REMOVE REAR SEAT HEADREST PLATE LH (See page [SE-47](#))
6. REMOVE REAR SEAT HEADREST ASSEMBLY RH
7. REMOVE REAR SEAT HEADREST ASSEMBLY LH
8. REMOVE REAR SEAT SHOULDER BELT COVER LH (See page [SE-47](#))
9. REMOVE REAR SEAT SHOULDER BELT COVER RH (See page [SE-47](#))
10. REMOVE REAR SEATBACK ASSEMBLY (See page [SE-47](#))
11. REMOVE FRONT DOOR SCUFF PLATE LH (See page [IR-9](#))
12. REMOVE CUP HOLDER NO.1
13. REMOVE QUARTER TRIM PANEL SUB-ASSEMBLY UPPER LH (See page [IR-10](#))
14. REMOVE QUARTER TRIM PANEL LOWER LH (See page [IR-10](#))

SB-44**SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY (for Convertible)****15. REMOVE REAR SEAT OUTER BELT ASSEMBLY LH**

- (a) Remove the 3 bolts and belt.

16. REMOVE CRS ANCHOR BRACKET

- (a) Remove the 2 nuts and bracket.

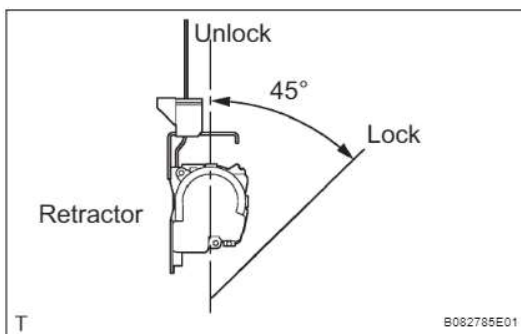
**INSTALLATION****1. INSTALL CRS ANCHOR BRACKET**

- (a) Install the bracket with the 2 nuts.

Torque: 18.1 N*m (185 kgf*cm, 13 in.*lbf)

2. INSTALL REAR SEAT OUTER BELT ASSEMBLY LH**NOTICE:**

Do not disassemble the retractor.

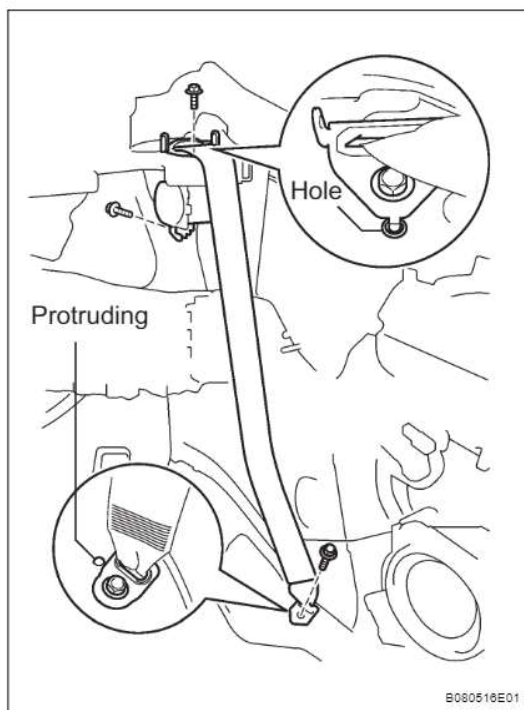


- (a) Check the degree of tilt when the belt begins to lock the ELR.

- (1) 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 inclination of the retractor is over 45° check that the belt locks.

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

SB

SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY (for Convertible)**SB-45**

- (b) Install the outer belt with the 3 bolts, as shown in the illustration.

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

NOTICE:

Do not allow the anchor part of the rear belt and the protruding parts of the rear seat adjuster to overlap.

- (c) Check the ELR lock.

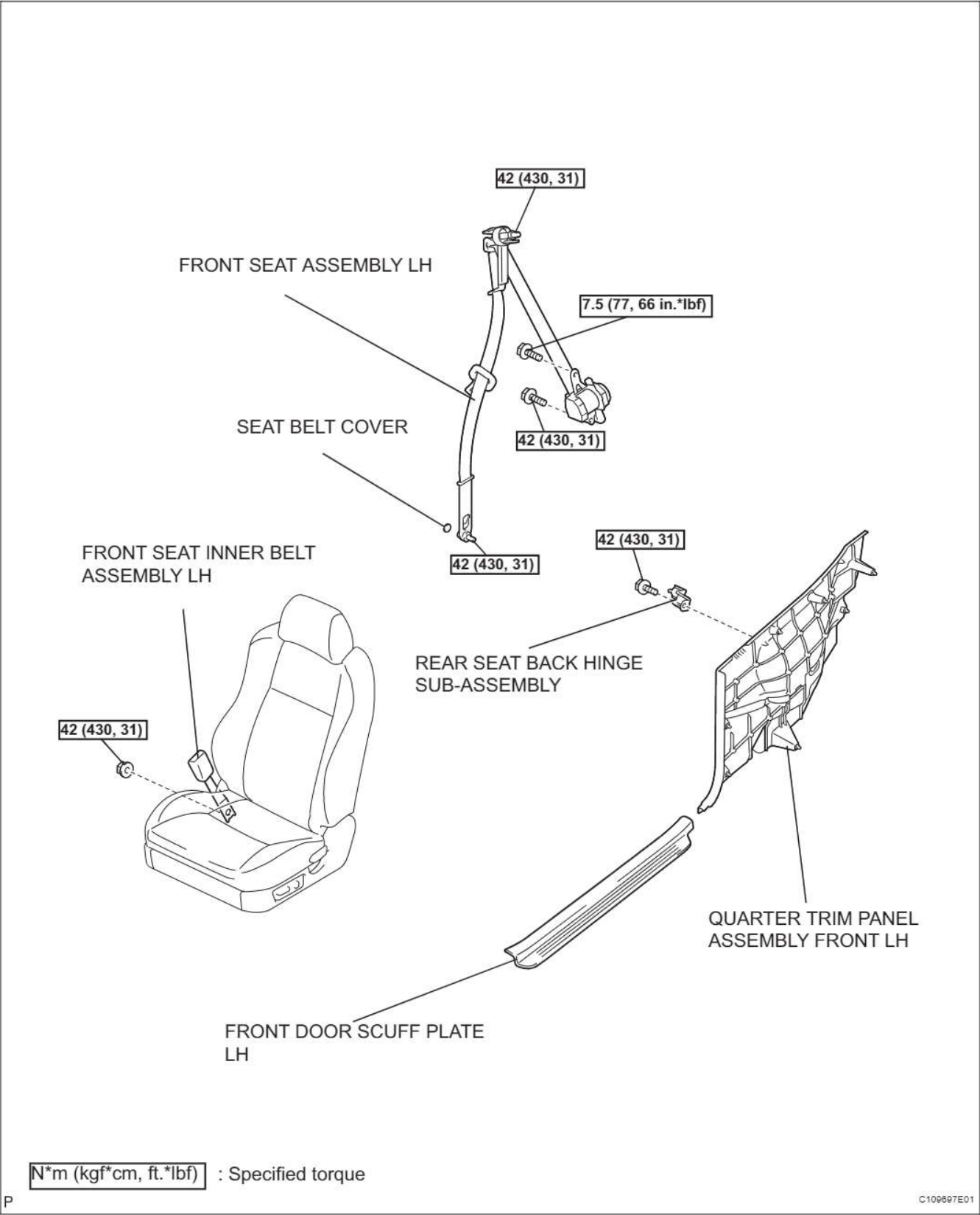
NOTICE:

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

- (1) With the belt installed, check that the belt locks when it is pulled out quickly.
If operation is not as specified, replace the belt assembly.
 - (d) Check 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 operation is not as specified, replace the belt assembly.

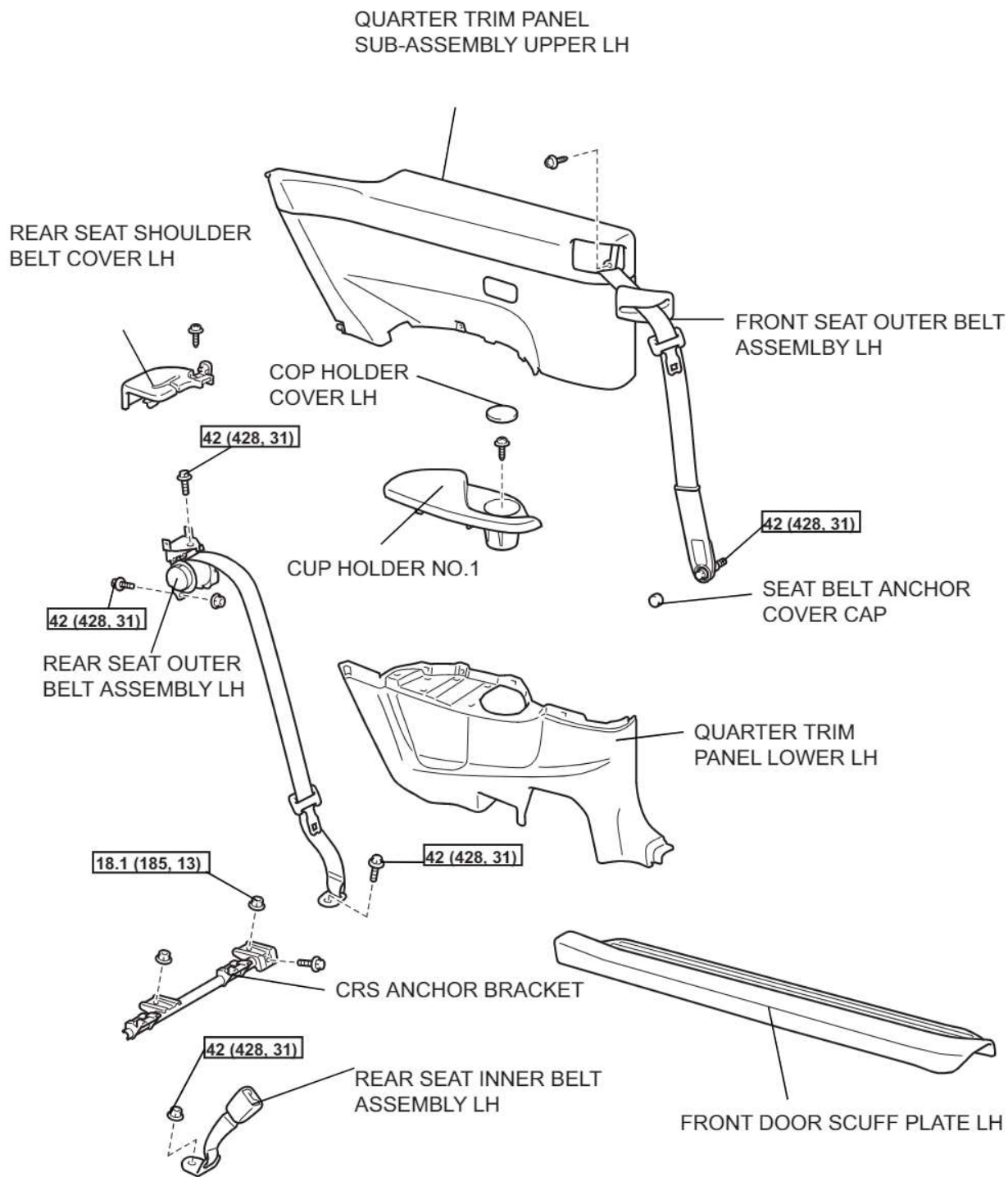
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REAR SEAT OUTER BELT ASSEMBLY (for Convertible)
COMPONENTS



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SEAT BELT – REAR SEAT OUTER BELT ASSEMBLY (for Convertible)



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

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