

SEAT BELT WARNING SYSTEM

PARTS LOCATION

FOR BENCH SEAT:

FRONT SEAT OUTER BELT ASSEMBLY RH
(BELT TENSION SENSOR)

FRONT SEAT INNER BELT ASSEMBLY RH

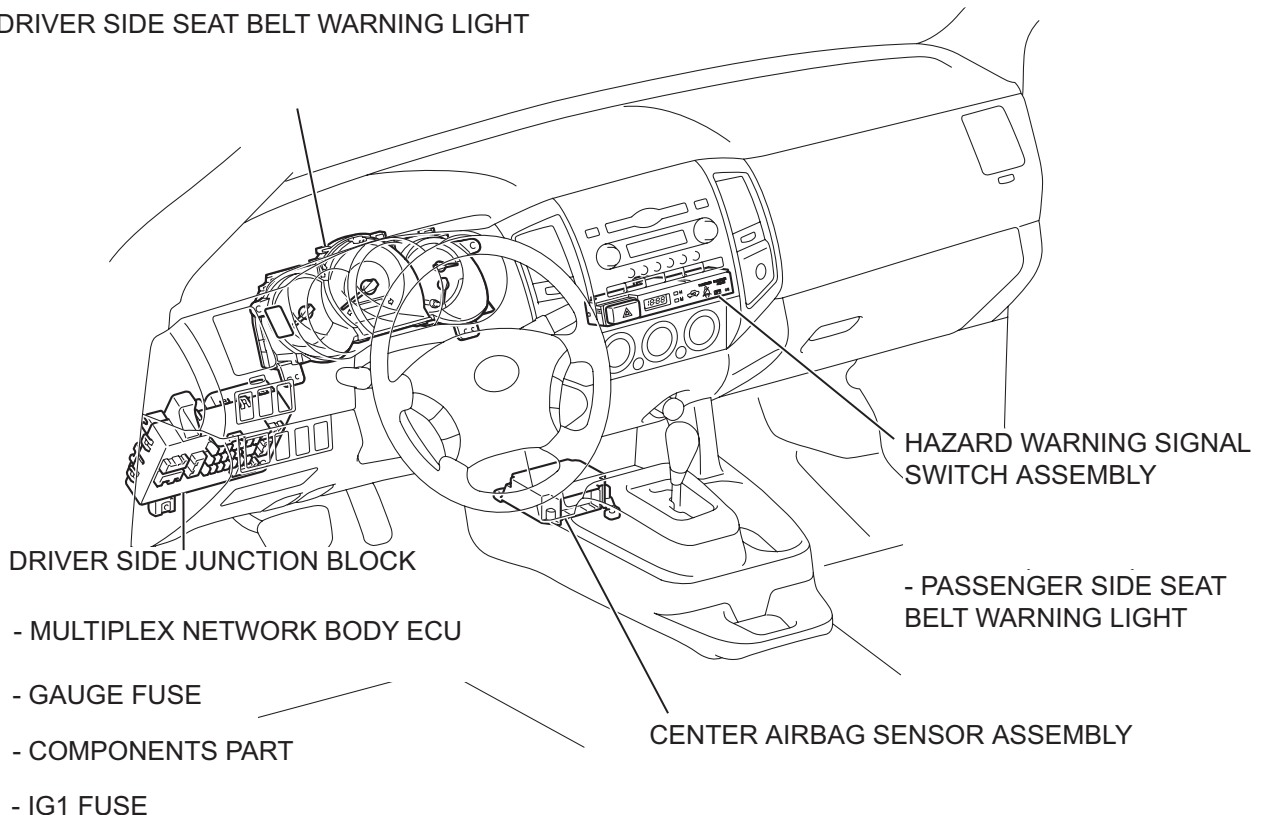
OCCUPANT CLASSIFICATION ECU

OCCUPANT CLASSIFICATION SENSOR

COMBINATION METER ASSEMBLY

FRONT SEAT INNER BELT ASSEMBLY LH

- DRIVER SIDE SEAT BELT WARNING LIGHT



SB

FOR SEPARATE SEAT:

REAR OCCUPANT CLASSIFICATION SENSOR RH

REAR OCCUPANT CLASSIFICATION SENSOR LH

FRONT SEAT INNER BELT ASSEMBLY RH

FRONT OCCUPANT CLASSIFICATION SENSOR RH

OCCUPANT CLASSIFICATION ECU

FRONT OCCUPANT CLASSIFICATION SENSOR LH

FRONT SEAT INNER BELT ASSEMBLY LH

COMBINATION METER ASSEMBLY

- DRIVER SIDE SEAT BELT WARNING LIGHT

DRIVER SIDE JUNCTION BLOCK

- MULTIPLEX NETWORK BODY ECU

- GAUGE FUSE

- IG1 FUSE

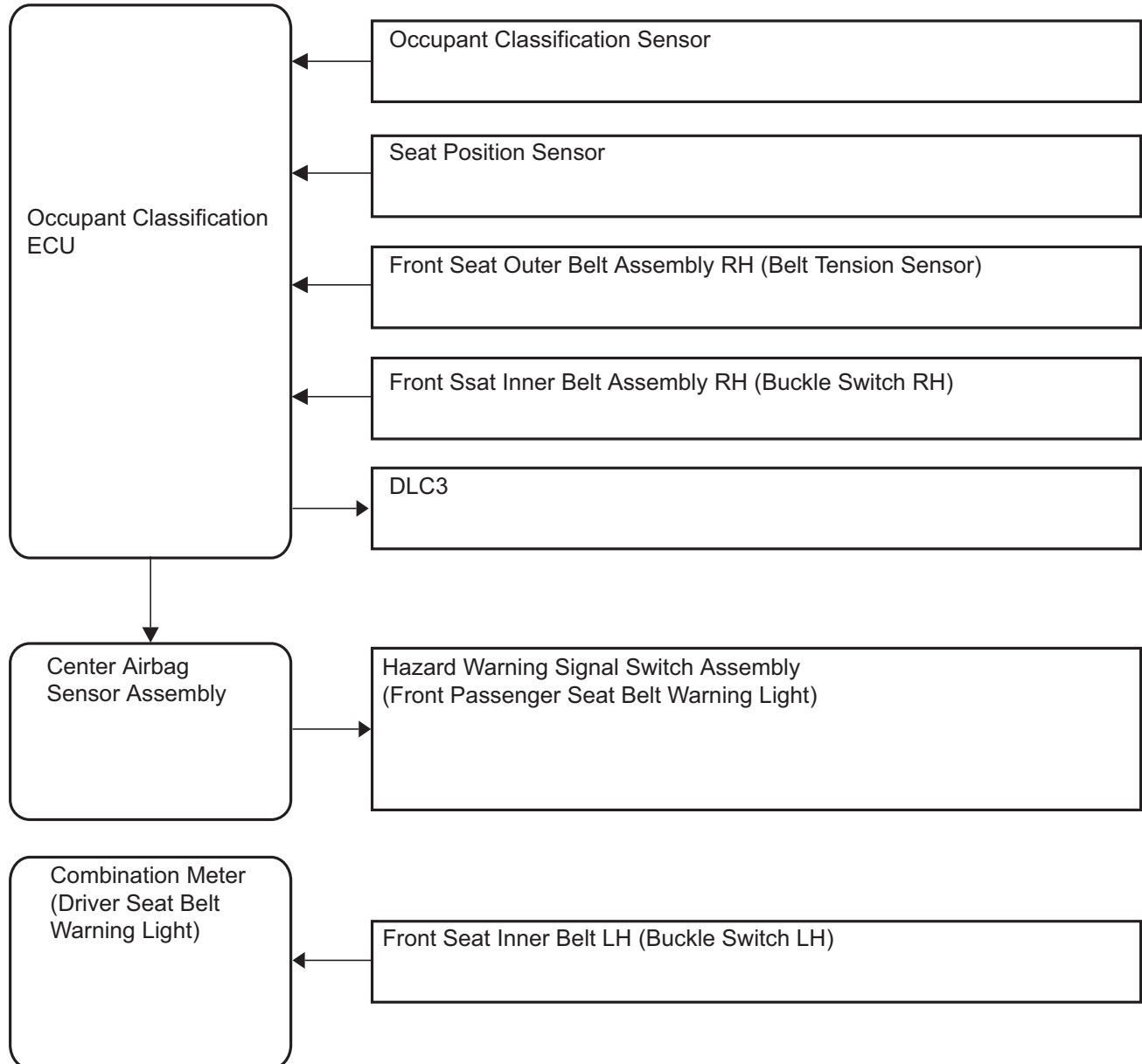
- COMPONENTS PART

HAZARD WARNING SIGNAL SWITCH ASSEMBLY

- PASSENGER SIDE SEAT BELT WARNING LIGHT

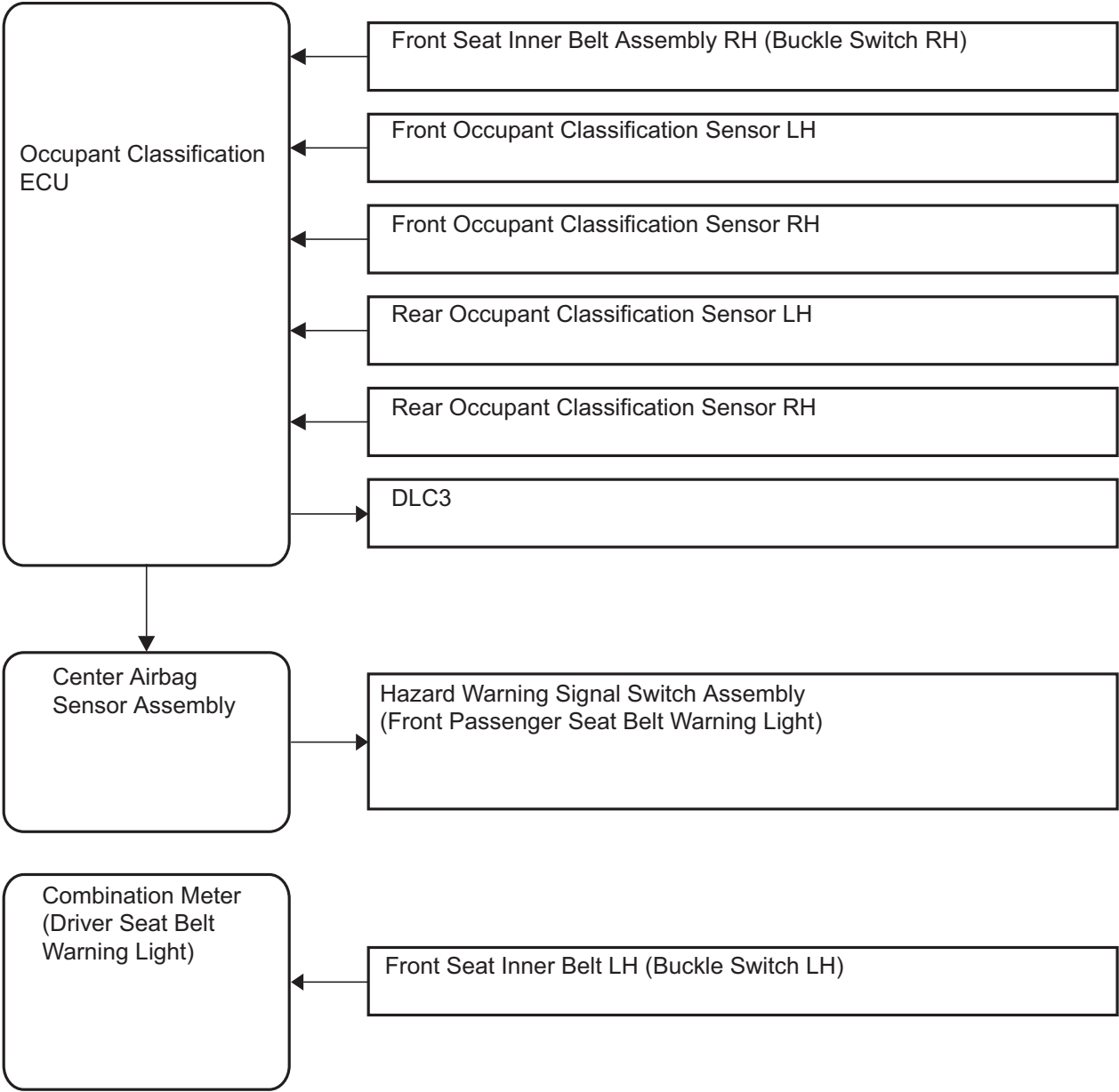
CENTER AIRBAG SENSOR ASSEMBLY

SB

SYSTEM DIAGRAM**For Bench Seat:**

B126120E02

For Separate Seat:



SYSTEM DESCRIPTION

When the ignition switch ON, this system detects the condition of the seat belts based on the signals from the front seat inner belt switches (for driver side only) and the occupant detection sensor or weight sensor (front passenger side only).

For bench seat:

The weight sensor, which is built into the seat cushion of the front passenger seat, is used to detect whether or not the front passenger seat is occupied.

For separate seat:

The occupant detection sensor, which is built into the seat cushion of the front passenger seat, is used to detect whether or not the front passenger seat is occupied.

PROBLEM SYMPTOMS TABLE

HINT:

Proceed to the troubleshooting for each circuit in the table below.

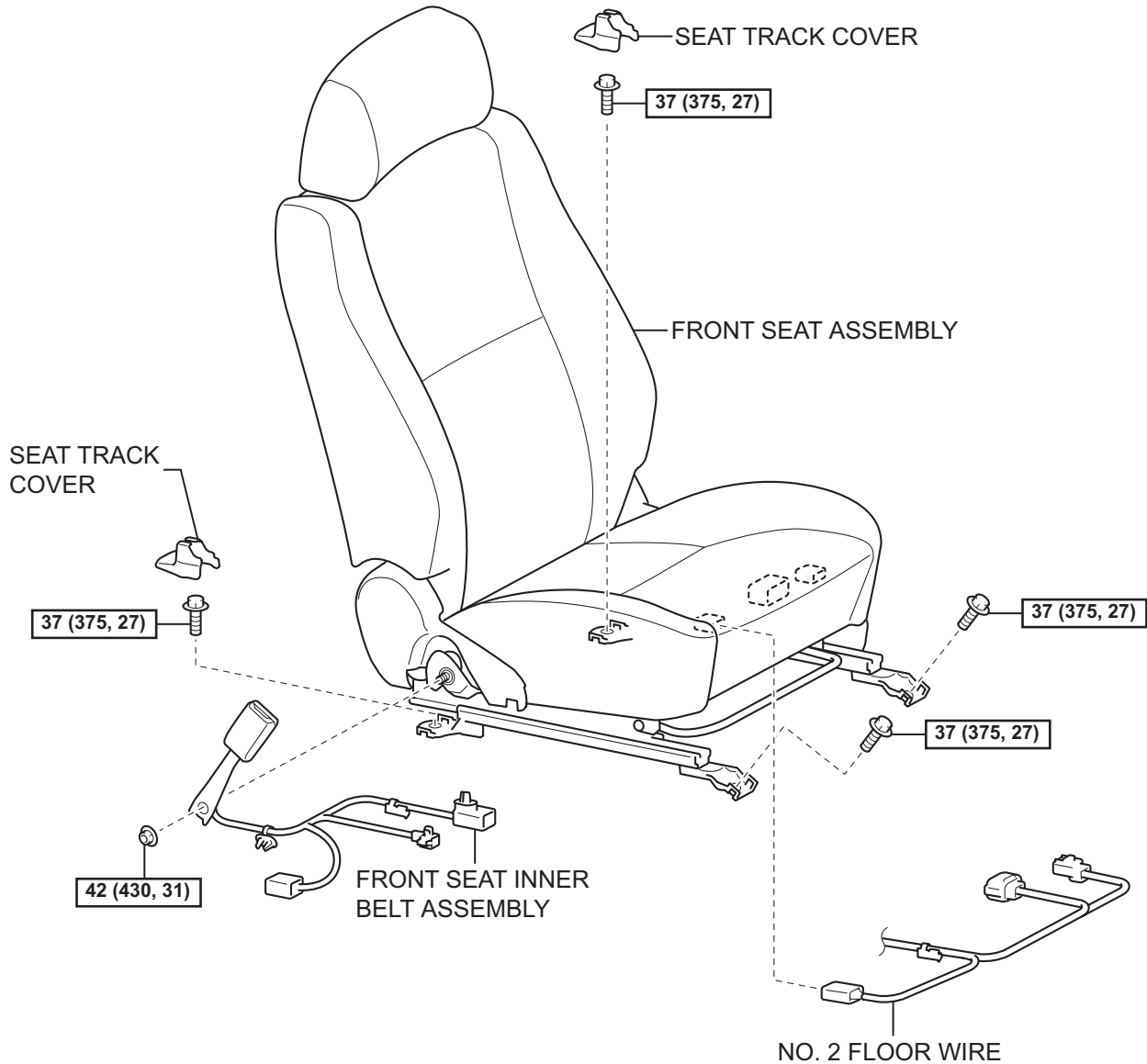
SEAT BELT WARNING SYSTEM

Symptom	Suspected area	See page
Driver side seat belt warning light does not blink	GAUGE fuse	-
	Front seat inner belt assembly LH (bench seat type)	SB-13
	Front seat inner belt assembly LH (separate seat type)	SB-9
	Combination meter assembly	ME-47
	Multiplex network body ECU	-
	Wire harness	-
Passenger side seat belt warning light does not blink	IG1 fuse	-
	Front seat outer belt assembly RH (bench seat type)	RS-545
	Front seat inner belt assembly RH (bench seat type)	SB-13
	Front seat inner belt assembly RH (separate seat type)	SB-9
	Occupant classification sensor (bench seat type)	RS-626
	Occupant classification sensor (separate seat type)	RS-434
	Occupant classification ECU (bench seat type)	RS-634
	Occupant classification ECU (separate seat type)	RS-630
	Hazard warning signal switch assembly	ME-51
	Center air bag sensor assembly	RS-602
	Wire harness	-

FRONT SEAT INNER BELT ASSEMBLY (for Separate Seat Type)

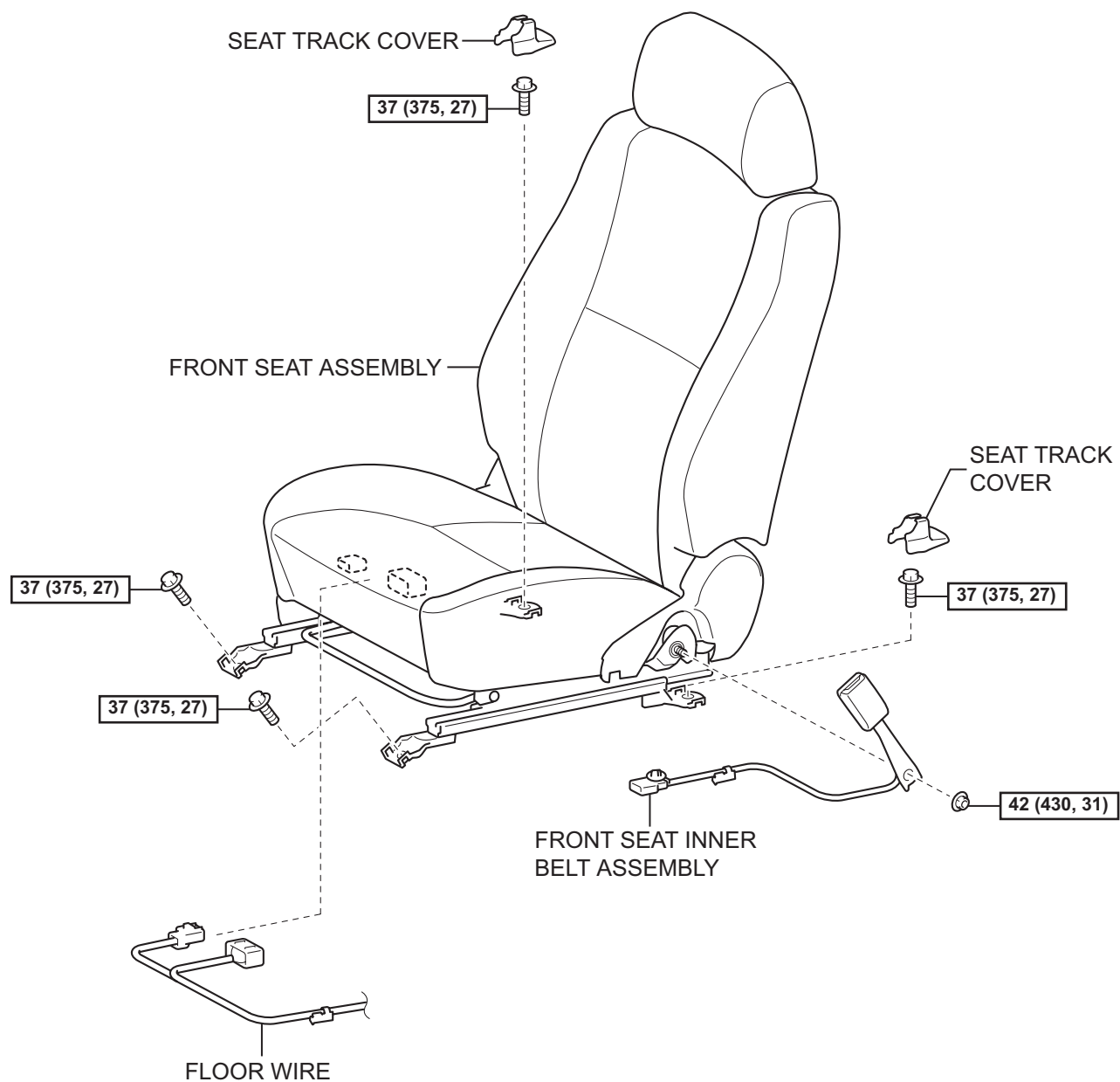
COMPONENTS

for Driver Side:



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

for Front Passenger Side:



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

REMOVAL

CAUTION:

Some of these service operations affect the SRS airbag system. Read the precautionary notices concerning the SRS airbag system before servicing (w/ Front Seat Side Airbag) (See page [RS-1](#)).

1. REMOVE CABLE FROM NEGATIVE BATTERY TERMINAL

Wait for at least 90 seconds after disconnecting the cable to prevent the air bag from working (w/ Front Seat Side Airbag).

2. REMOVE SEAT TRACK COVER

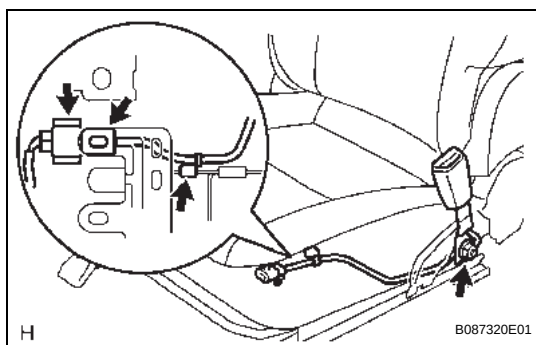
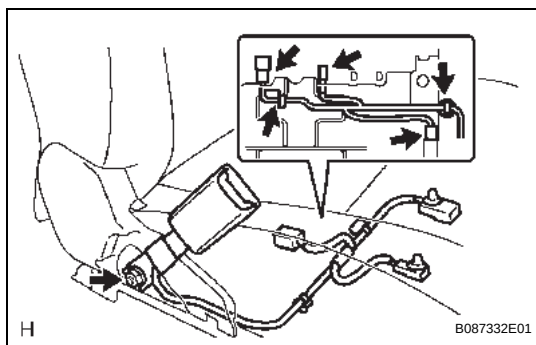
- (a) for Separate Seat Type Driver Side:
 - (1) Remove the seat track cover (See page [SE-23](#)).
- (b) for Separate Seat Type Front Passenger Side:
 - (1) Remove the seat track cover (See page [SE-38](#)).
- (c) for Separate Folding Seat Type:
 - (1) Remove the seat track cover (See page [SE-5](#)).

3. REMOVE FRONT SEAT ASSEMBLY

- (a) for Separate Seat Type Driver Side:
 - (1) Remove the front seat assembly (See page [SE-23](#)).
- (b) for Separate Seat Type Front Passenger Side:
 - (1) Remove the front seat assembly (See page [SE-38](#)).
- (c) for Separate Folding Seat Type:
 - (1) Remove the front seat assembly (See page [SE-5](#)).

4. REMOVE FRONT SEAT INNER BELT ASSEMBLY

- (a) for Separate Seat Type Driver Side:
 - (1) Using a clip remover, remove the wire harness clamp and 2 connector clamps.
 - (2) Remove the wire harness clamp.
 - (3) Disconnect the seat position sensor connector.
 - (4) Remove the nut and front seat inner belt.
- (b) for Separate Seat Type Front Passenger Side and Separate Folding Seat Type:
 - (1) Disconnect the seat wire connector.
 - (2) Using a clip remover, remove the connector clamp.
 - (3) Remove the wire harness clamp.
 - (4) Remove the nut and front seat inner belt.



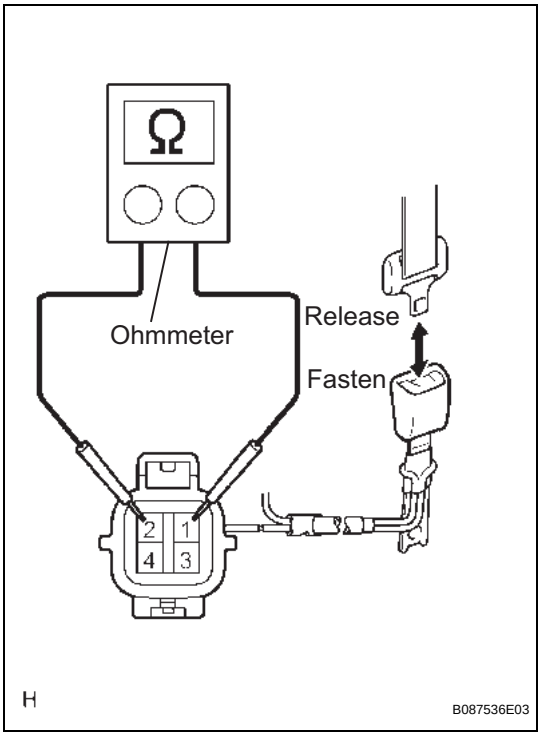
INSPECTION

1. INSPECT FRONT SEAT INNER BELT ASSEMBLY LH

- (a) for Separate Seat Type Driver Side:
- (1) Check the resistance.
1. Using an ohmmeter, measure the resistance between the terminals.
- Standard resistance**

Tester Connection	Condition	Specified Condition
1 - 2	Fasten seat belt	10 kΩ or higher
1 - 2	Release seat belt	Below 1 Ω

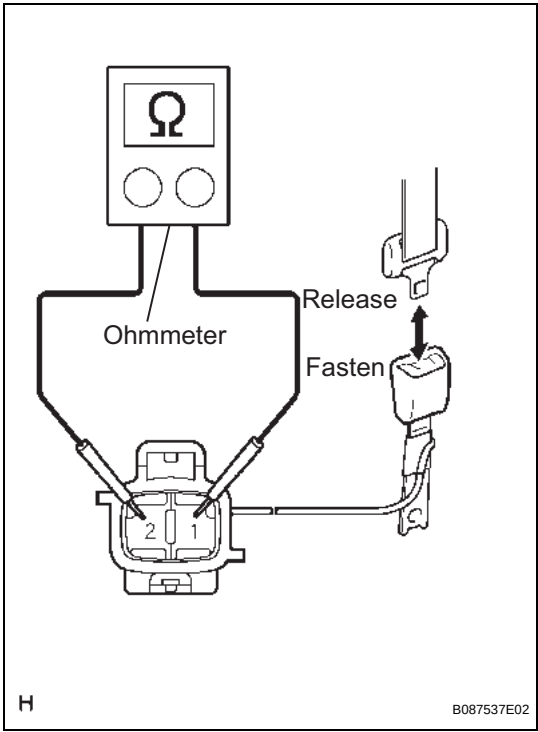
If the result is not as specified, replace the front seat inner belt.



- (b) for Separate Seat Type Front Passenger Side and Separate Folding Seat Type:
- (1) Check the resistance.
1. Using an ohmmeter, measure the resistance between the terminals.
- Standard resistance**

Tester Connection	Condition	Specified Condition
1 - 2	Fasten seat belt	10 kΩ or higher
1 - 2	Release seat belt	Below 1 Ω

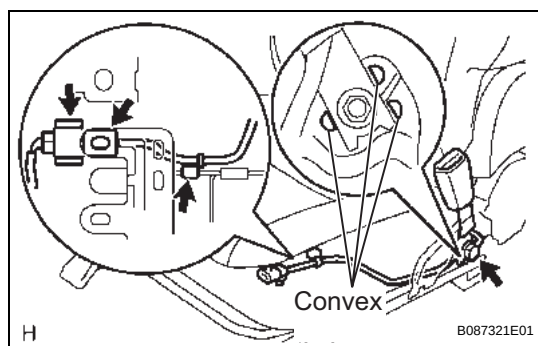
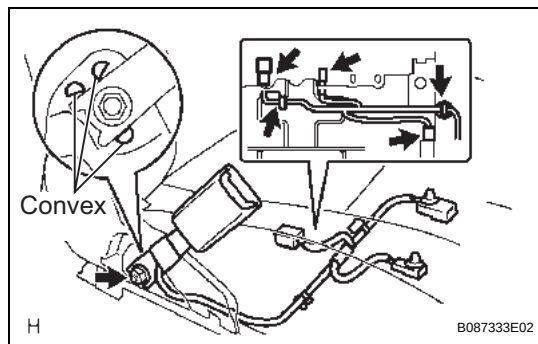
If the result is not as specified, replace the front seat inner belt.



INSTALLATION

CAUTION:

Some of these service operations affect the SRS airbag system. Read the precautionary notices concerning the SRS airbag system before servicing (w/ Front Seat Side Airbag) (See page [RS-1](#)).



1. INSTALL FRONT SEAT INNER BELT ASSEMBLY

(a) for Separate Seat Type Driver Side:

- (1) Install the front seat inner belt with the nut.

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

NOTICE:

Be careful not to place the front seat inner belt over the convex areas of the front seat with adjuster frame.

- (2) Check that the front seat inner belt rotates smoothly.
- (3) Connect the seat position sensor connector.
- (4) Install the 2 wire harness clamps and 2 connector clamps.

(b) for Separate Seat Type Front Passenger Side and Separate Folding Seat Type:

- (1) Install the front seat inner belt with the nut.

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

NOTICE:

Be careful not to place the front seat inner belt over the convex areas of the front seat with adjuster frame.

- (2) Check that the front seat inner belt rotates smoothly.
- (3) Install the wire harness clamp and connector clamp.
- (4) Connect the seat wire connector.

2. INSTALL FRONT SEAT ASSEMBLY

(a) for Separate Seat Type Driver Side:

- (1) Install the front seat assembly (See page [SE-34](#)).

(b) for Separate Seat Type Front Passenger Side:

- (1) Install the front seat assembly (See page [SE-47](#)).

(c) for Separate Folding Seat Type:

- (1) Install the front seat assembly (See page [SE-18](#)).

3. INSTALL SEAT TRACK COVER

(a) for Separate Seat Type Driver Side:

- (1) Install the seat track cover (See page [SE-34](#)).

(b) for Separate Seat Type Front Passenger Side:

- (1) Install the seat track cover (See page [SE-48](#)).

(c) for Separate Folding Seat Type:

- (1) Install the seat track cover (See page [SE-19](#)).

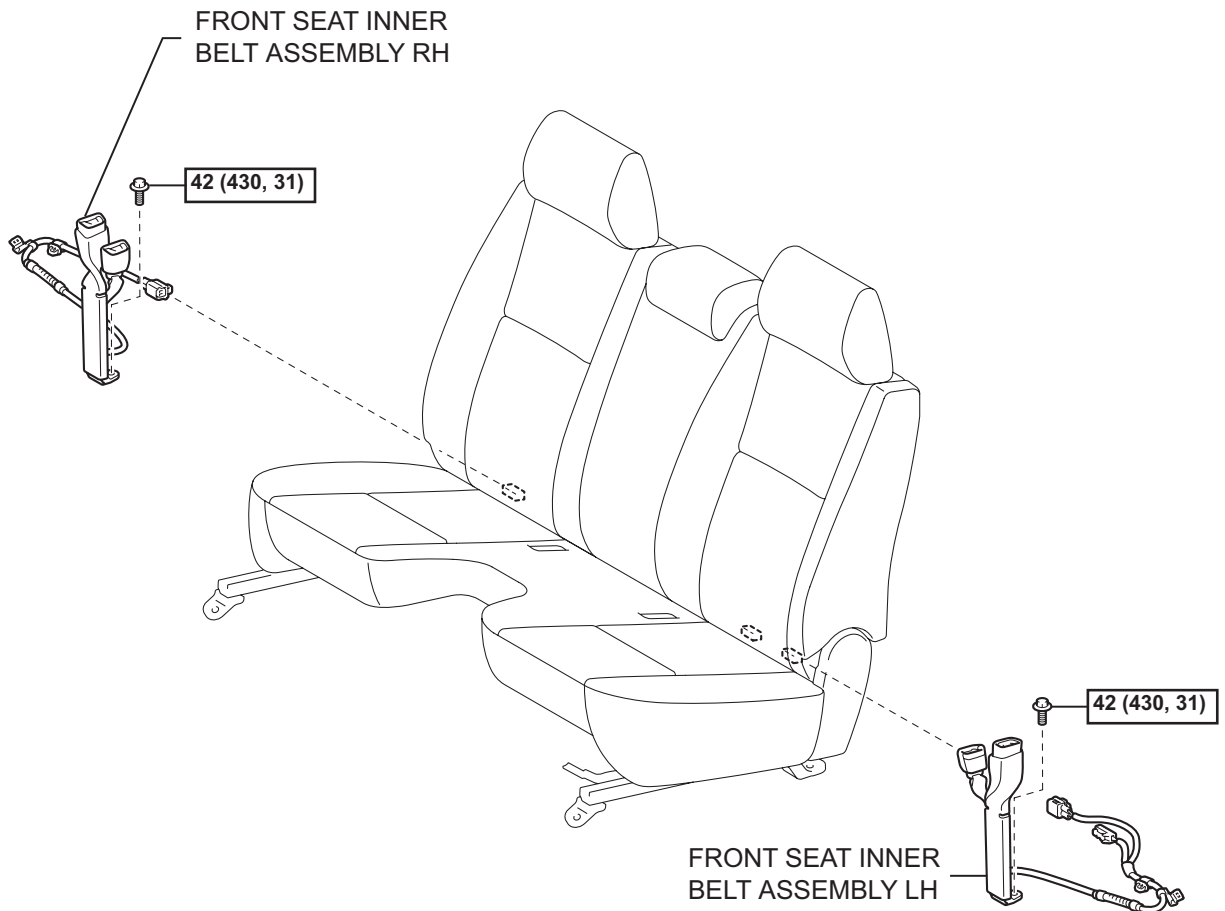
4. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

5. **INSPECT SRS WARNING LIGHT (w/ Front Seat Side Airbag)**
(See page [RS-28](#))

FRONT SEAT INNER BELT ASSEMBLY (for Bench Seat Type)

COMPONENTS



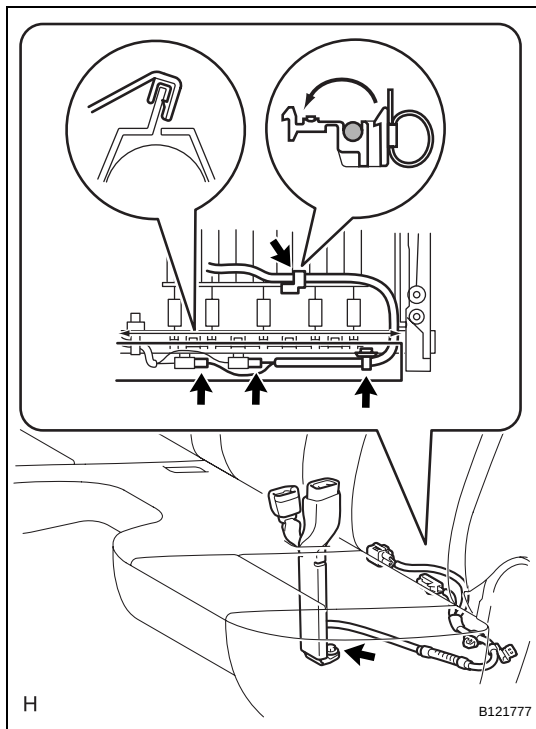
N*m (kgf*cm, ft*lb) : Specified torque

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

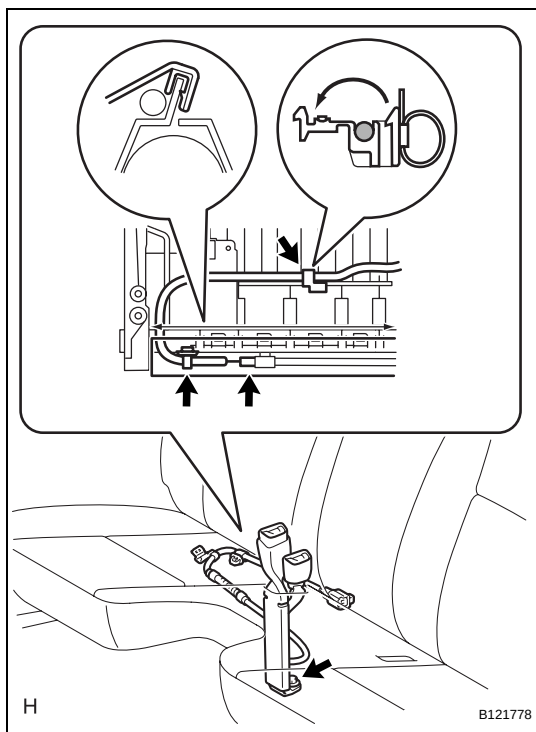
2. REMOVE FRONT SEAT INNER BELT ASSEMBLY LH

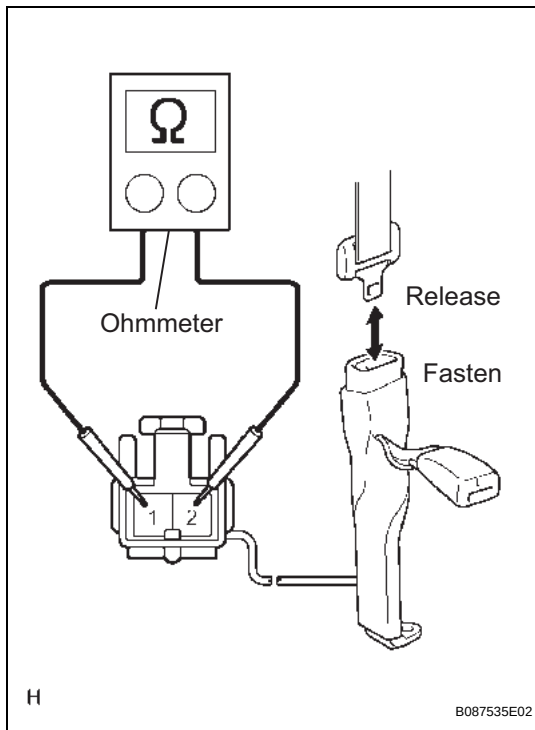
- Slide the front seat to the most forward position.
- Disengage the hook.
- Disconnect the 2 connectors.
- Using a clip remover, remove the wiring harness clamp.
- Remove the wiring harness clamp.
- Remove the bolt and the front seat inner belt.



3. REMOVE FRONT SEAT INNER BELT ASSEMBLY RH

- Slide the front seat to the most forward position.
- Disengage the hook.
- Disconnect the connector.
- Using a clip remover, remove the wiring harness clamp.
- Remove the wiring harness clamp.
- Remove the bolt and the front seat inner belt.





INSPECTION

1. INSPECT FRONT SEAT INNER BELT ASSEMBLY LH

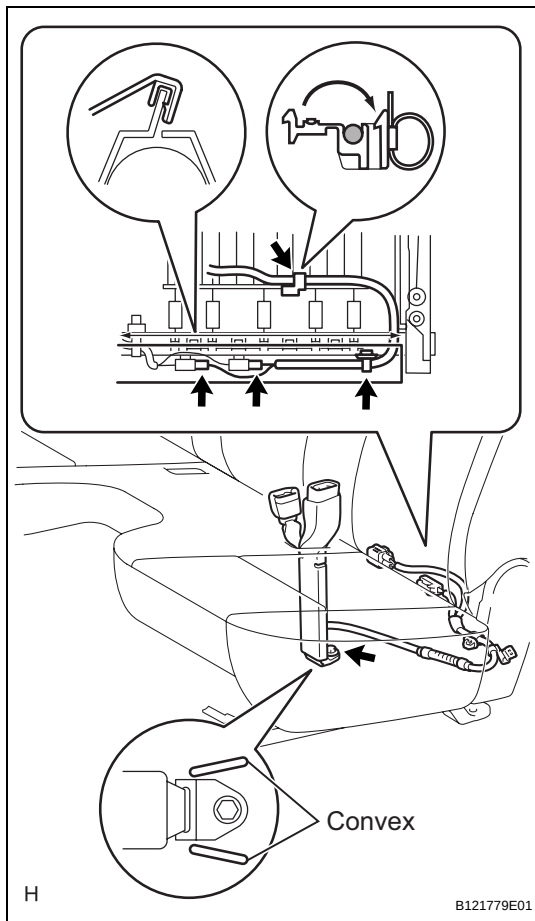
(a) Check the resistance.

(1) Using an ohmmeter, measure the resistance between the terminals.

Standard resistance

Tester Connection	Condition	Specified condition
1 - 2	Fasten seat belt	10 kΩ or higher
1 - 2	Release seat belt	Below 1 Ω

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



INSTALLATION

1. INSTALL FRONT SEAT INNER BELT ASSEMBLY LH

(a) Slide the front seat to the most forward position.

(b) Install the front seat inner belt with the bolt.

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

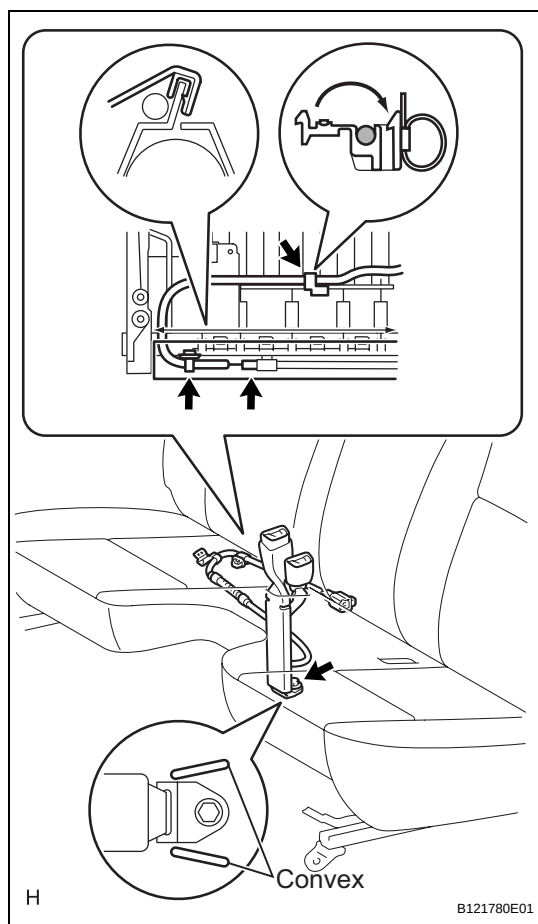
NOTICE:

Be careful not to place the front seat inner belt over the convex areas of the floor panel.

(c) Install the 2 wiring harness clamps.

(d) Connect the 2 connectors.

(e) Engage the hook.

**2. INSTALL FRONT SEAT INNER BELT ASSEMBLY RH**

- (a) Slide the front seat to the most forward position.
- (b) Install the front seat inner belt with the bolt.

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

NOTICE:

Be careful not to place the front seat inner belt over the convex areas of the floor panel.

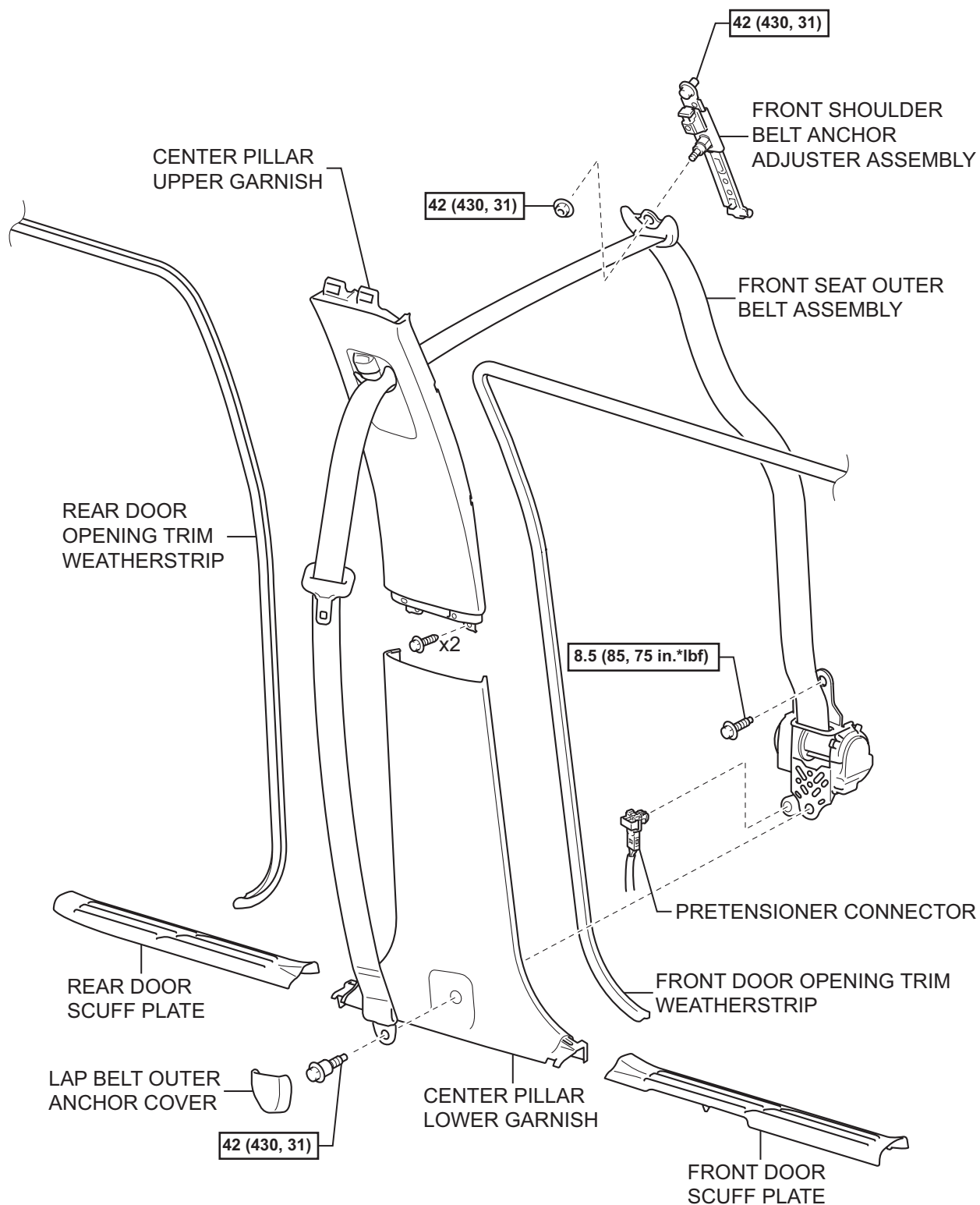
- (c) Install the 2 wiring harness clamps.
- (d) Connect the connector.
- (e) Engage the hook.

3. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

FRONT SEAT OUTER BELT ASSEMBLY (for Double Cab)

COMPONENTS



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

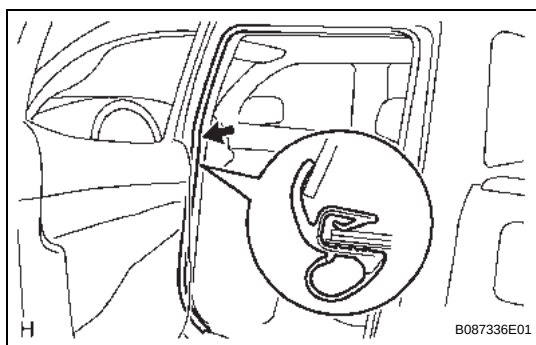
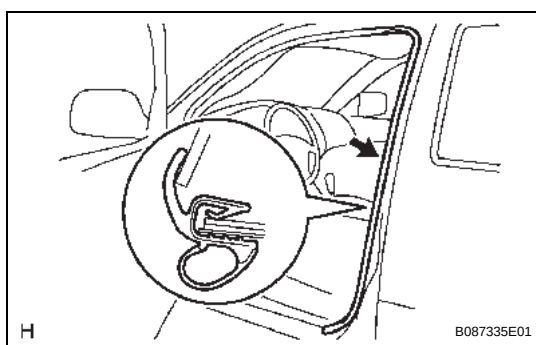
SB

REMOVAL

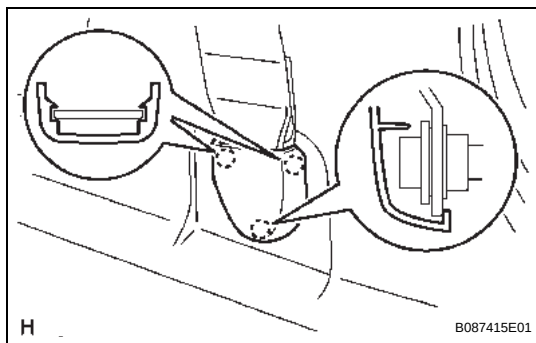
CAUTION:

Some of these service operations affect the SRS airbag system. Read the precautionary notices concerning the SRS airbag system before servicing (See page [RS-1](#)).

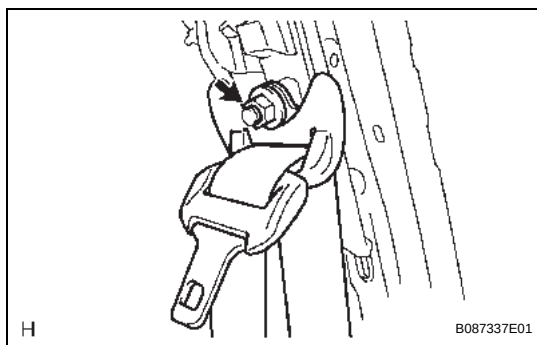
1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
Wait for at least 90 seconds after disconnecting the cable to prevent the air bag from working.
2. **REMOVE FRONT DOOR SCUFF PLATE** (See page [IR-12](#))
3. **REMOVE REAR DOOR SCUFF PLATE** (See page [IR-13](#))
4. **REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP**
 - (a) Separate the front door opening trim weatherstrip to the extent which allows the removal of the center pillar lower garnish and center pillar upper garnish.



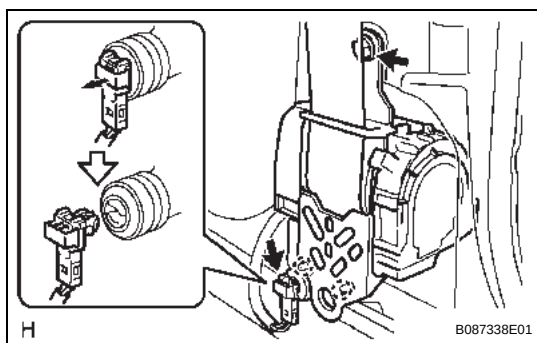
5. **REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP**
 - (a) Separate the rear door opening trim weatherstrip to the extent which allows the removal of the center pillar lower garnish and center pillar upper garnish.



6. **REMOVE LAP BELT OUTER ANCHOR COVER**
 - (a) Disengage the 3 claws and remove the lap belt outer anchor cover.
7. **REMOVE CENTER PILLAR LOWER GARNISH** (See page [IR-15](#))
8. **REMOVE CENTER PILLAR UPPER GARNISH** (See page [IR-16](#))

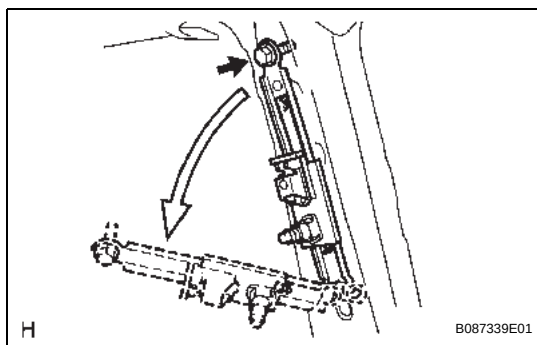
**9. REMOVE FRONT SEAT OUTER BELT ASSEMBLY**

(a) Remove the nut and shoulder anchor.



(b) Disconnect the pretensioner connector as shown in the illustration.

(c) Remove the bolt and retractor.

**10. REMOVE FRONT SHOULDER BELT ANCHOR ADJUSTER ASSEMBLY**

(a) Remove the bolt.

(b) Disengage the 2 claws and remove the front shoulder belt anchor adjuster.

INSTALLATION

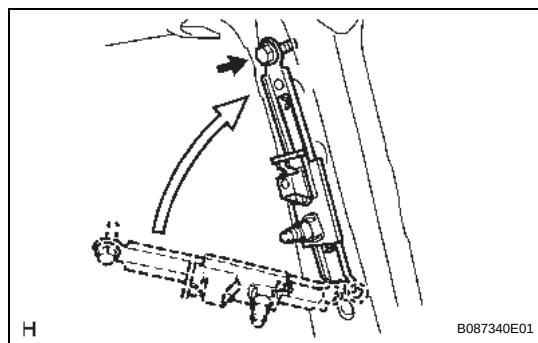
CAUTION:

Some of these service operations affect the SRS airbag system. Read the precautionary notices concerning the SRS airbag system before servicing (See page [RS-1](#)).

1. INSTALL FRONT SHOULDER BELT ANCHOR ADJUSTER ASSEMBLY

- (a) Insert the 2 claws of the front shoulder belt anchor adjuster into the hole in the body and mount the bolt.

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



2. INSTALL FRONT SEAT OUTER BELT ASSEMBLY

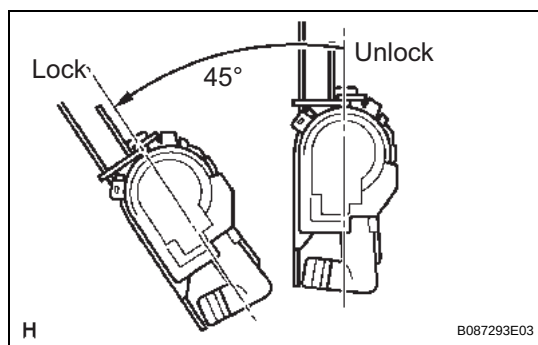
- (a) Check the amount of inclination required to lock the retractor.

- (1) Gently incline the retractor from its initial position. Check that the belt does not lock when the retractor is inclined 15° or less in any directions. Also check that the belt locks when the inclination of the retractor is 45° or more.

NOTICE:

Do not disassemble the retractor.

If operation is not as specified, replace the front seat outer belt.

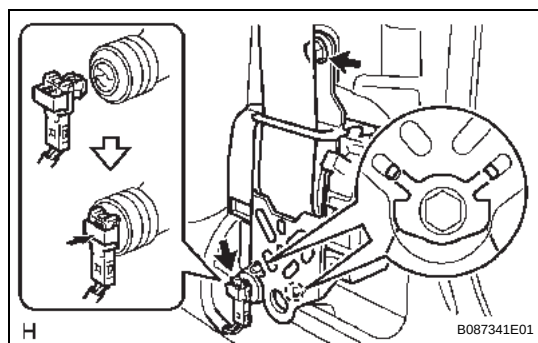


- (b) Hook the lower stay of the retractor onto the 2 body hooks.

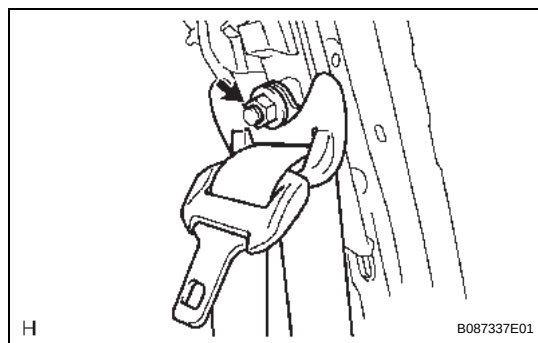
- (c) Install the retractor with the bolt.

Torque: 8.5 N*m (85 kgf*cm, 75 in.*lbf)

- (d) Connect the pretensioner connector as shown in the illustration.



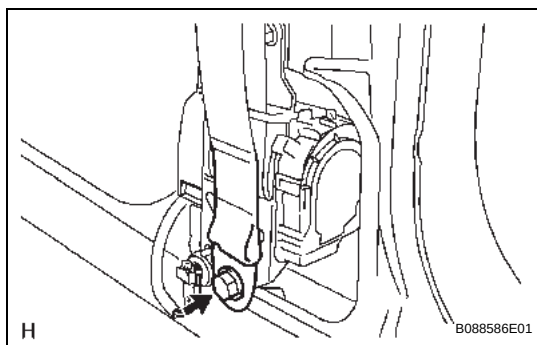
SB



- (e) Install the shoulder anchor with the nut.

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

- (f) Check that the shoulder anchor rotates smoothly.



- (g) Install the floor anchor of the front seat outer belt with the bolt.

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

- (h) Check the ELR lock.

NOTICE:

- The check should be performed with the front seat outer belt installed.
- Do not allow the anchor part of the front seat outer belt and the protruding parts of the floor panel to overlap.

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

If operation is not as specified, replace the front seat outer belt.

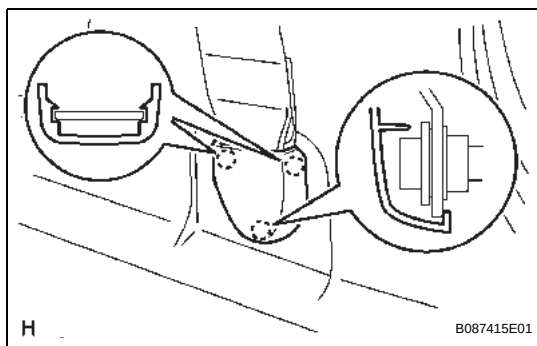
- (i) Remove the bolt and floor anchor.

3. INSTALL CENTER PILLAR UPPER GARNISH (See page IR-26)

4. INSTALL CENTER PILLAR LOWER GARNISH (See page IR-26)

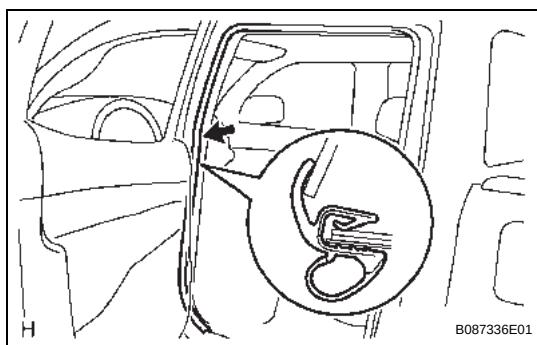
5. INSTALL LAP BELT OUTER ANCHOR COVER

- (a) Engage the 3 claws and install the lap belt outer anchor cover.



6. INSTALL REAR DOOR OPENING TRIM WEATHERSTRIP

- (a) Install the rear door opening trim weatherstrip.



7. INSTALL FRONT DOOR OPENING TRIM WEATHERSTRIP

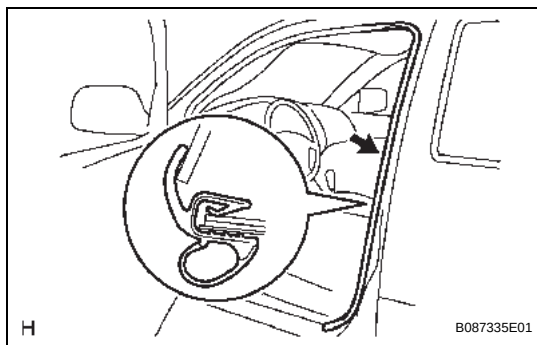
- (a) Install the front door opening trim weatherstrip.

8. INSTALL REAR DOOR SCUFF PLATE (See page IR-29)

9. INSTALL FRONT DOOR SCUFF PLATE (See page IR-29)

10. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)



11. INSPECT SRS WARNING LIGHT

(See page [RS-28](#))

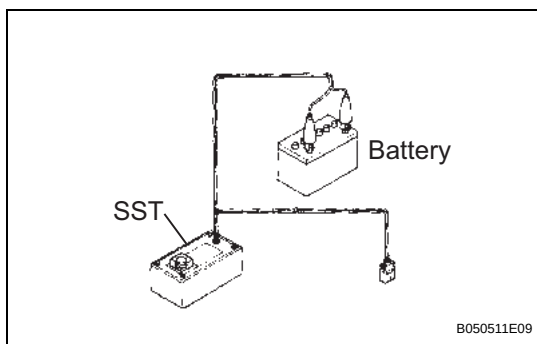
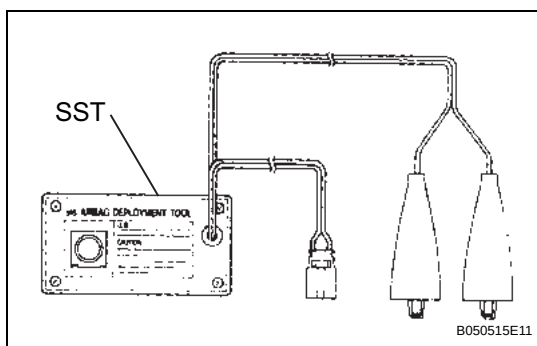
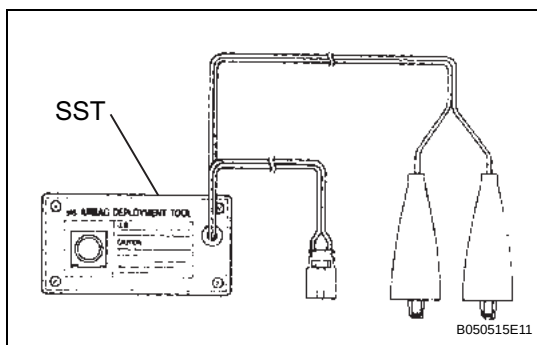
DISPOSAL

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 by step 2-(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 be a nuisance to persons nearby.**
- **When activating a front seat outer belt (with seat belt pretensioner), stand at least 10 m (33ft) 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 activation.**
- **Do not apply water to a front seat outer belt that has an activated pretensioner.**
- **When activating the seat belt pretensioner, always use the specified SST (SRS air bag deployment tool).**
- **Perform operation in a place away from electrical interference.**



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 whether SST is functioning.
SST 09082-00700, 09082-00770

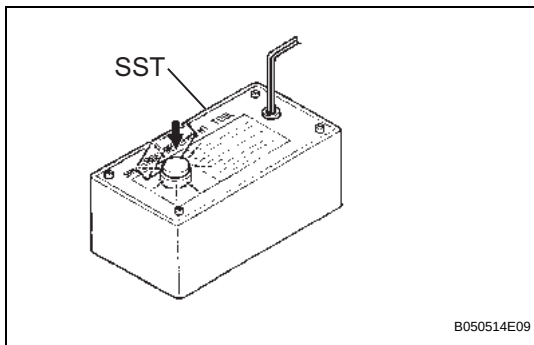
CAUTION:

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

- (1) Connect SST red clip to the battery positive (+) terminal and the black clip to the battery negative (-) terminal.

HINT:

Do not connect the yellow connector. The yellow connector is used to connect to the seat belt pretensioner.

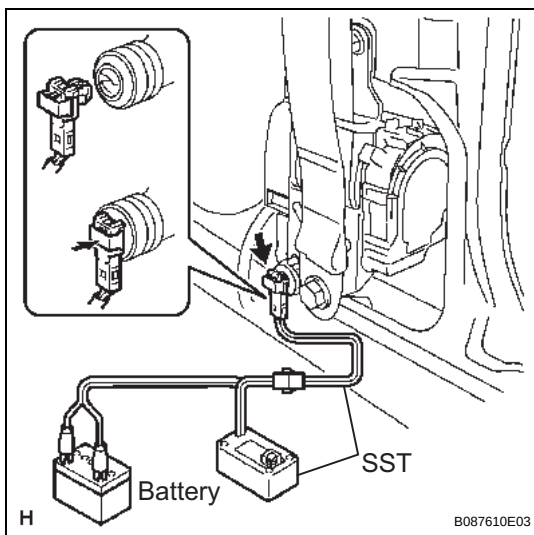
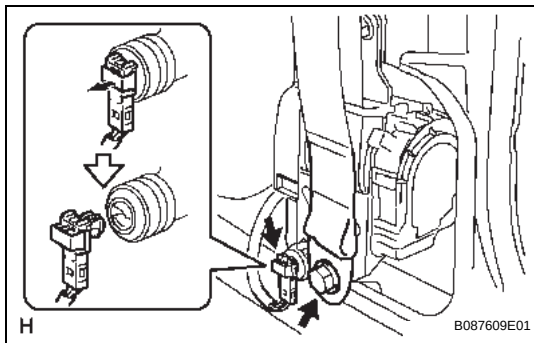


- (2) Press SST activation switch and check that the LED of SST activation switch turns on.

CAUTION:

If the LED turns on when the activation switch is not being pressed, SST may be malfunctioning. Do not use SST.

- (b) Disconnect SST from the battery.
- (c) Disconnect the pretensioner connector.
 - (1) Disconnect cable from negative battery terminal.
 - (2) Remove the front door scuff plate (See page [SB-16](#)).
 - (3) Remove the rear door scuff plate (See page [SB-16](#)).
 - (4) Remove the front door opening trim weatherstrip (See page [SB-16](#)).
 - (5) Remove the rear door opening trim weatherstrip (See page [SB-16](#)).
 - (6) Remove the lap belt outer anchor cover (See page [SB-16](#)).
 - (7) Remove the center pillar lower garnish (See page [SB-16](#)).
 - (8) Install the floor anchor with the bolt.
Torque: 42 N*m (430 kgf*cm, 31 ft.*lbf)
 - (9) Disconnect the pretensioner connector as shown in the illustration.

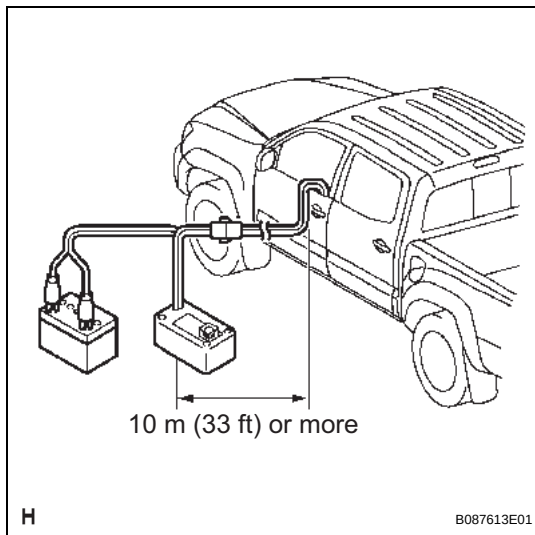


- (d) Connect the SST.
 - (1) Connect SST, then connect the yellow connector to the seat belt pretensioner.

SST 09082-00700, 09082-00770

NOTICE:

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



- (2) Move SST at least 10 m (33 ft) away from the front of the vehicle.
 - (3) Close all the doors and windows of the vehicle.
HINT:
Do not close the windows fully. Leave a gap for inserting SST wire harness.
NOTICE:
Take care not to damage SST wire harness.
 - (4) Connect SST red clip to the battery positive (+) terminal and the black clip to the battery 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 and activate the seat belt pretensioner.
HINT:
The seat belt pretensioner operates simultaneously with SST activation switch 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 with a pretensioner that has been activated.
 - Always wash your hands with water after completing the operation.
 - 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 still installed.

2. DISPOSE OF FRONT SEAT OUTER BELT ASSEMBLY (When not Installed in Vehicle)

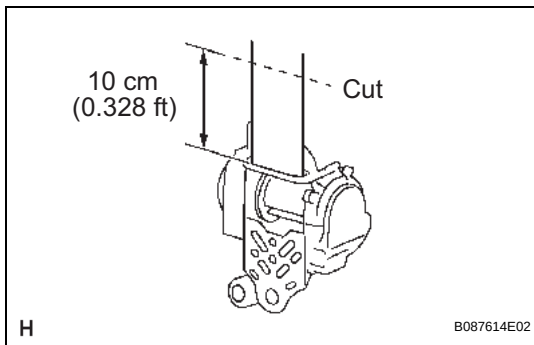
NOTICE:

Be sure to follow the procedures listed below when activating the seat belt pretensioner.

HINT:

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

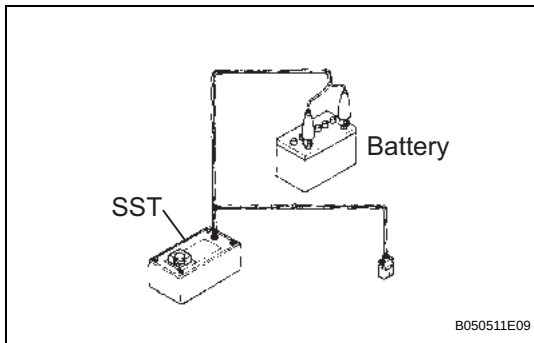
- (a) Remove the front seat outer belt (See page [SB-16](#)).



- (b) Wind the seat belt with the retractor.
- (c) When the seat belt is sufficiently wound, cut the seat belt approximately 10 cm (0.328 ft) from the retractor, as shown in the illustration.

HINT:

The retractor resistance increases in correlation with how much the seat belt is wound.

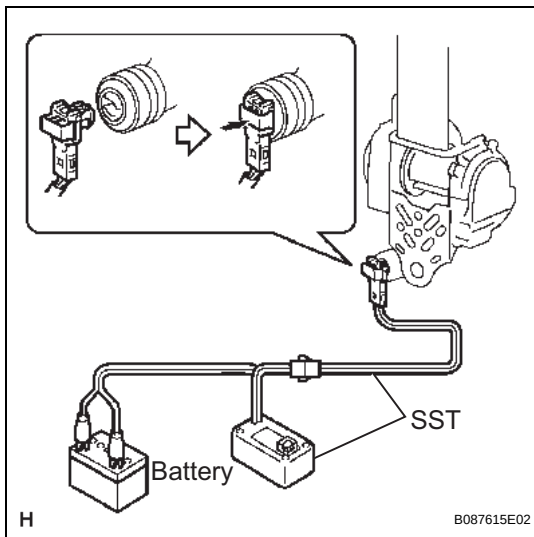


- (d) Check whether SST is functioning (see step 2-(a)).

SST 09082-00700, 09082-00770

CAUTION:

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

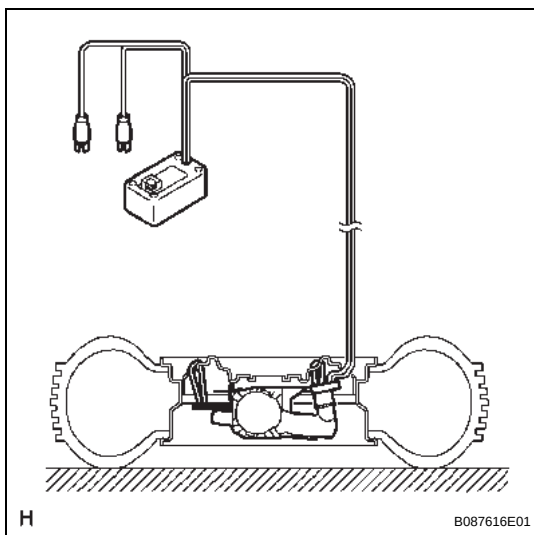


- (e) Connect SST.

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

NOTICE:

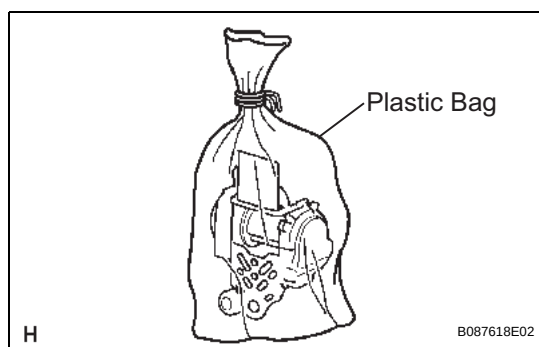
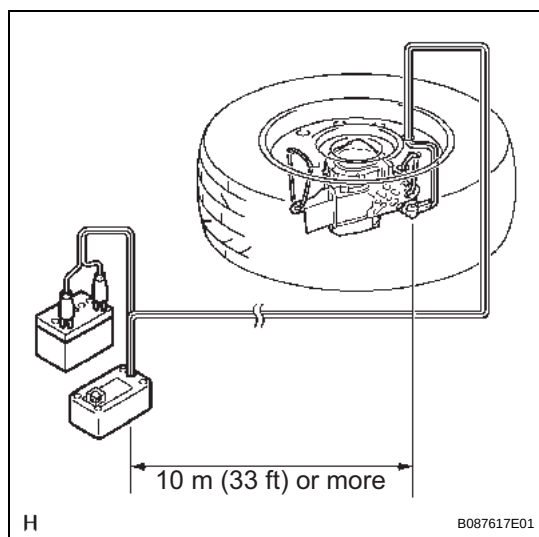
To avoid damaging SST connector and wire harness, do not lock the secondary lock of the twin lock.



- (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 shown in the illustration.



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

NOTICE:

Take care not to damage SST wire harness.

- (f) Activate the seat belt pretensioner.
- (1) Connect SST red clip to the battery positive (+) terminal and the black clip to the battery negative (-) terminal.
 - (2) Check that no one is within 10 m (33 ft) of the wheel.
 - (3) Press SST activation switch and activate the seat belt pretensioner.

HINT:

The seat belt pretensioner operates simultaneously with SST activation switch LED light.

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

CAUTION:

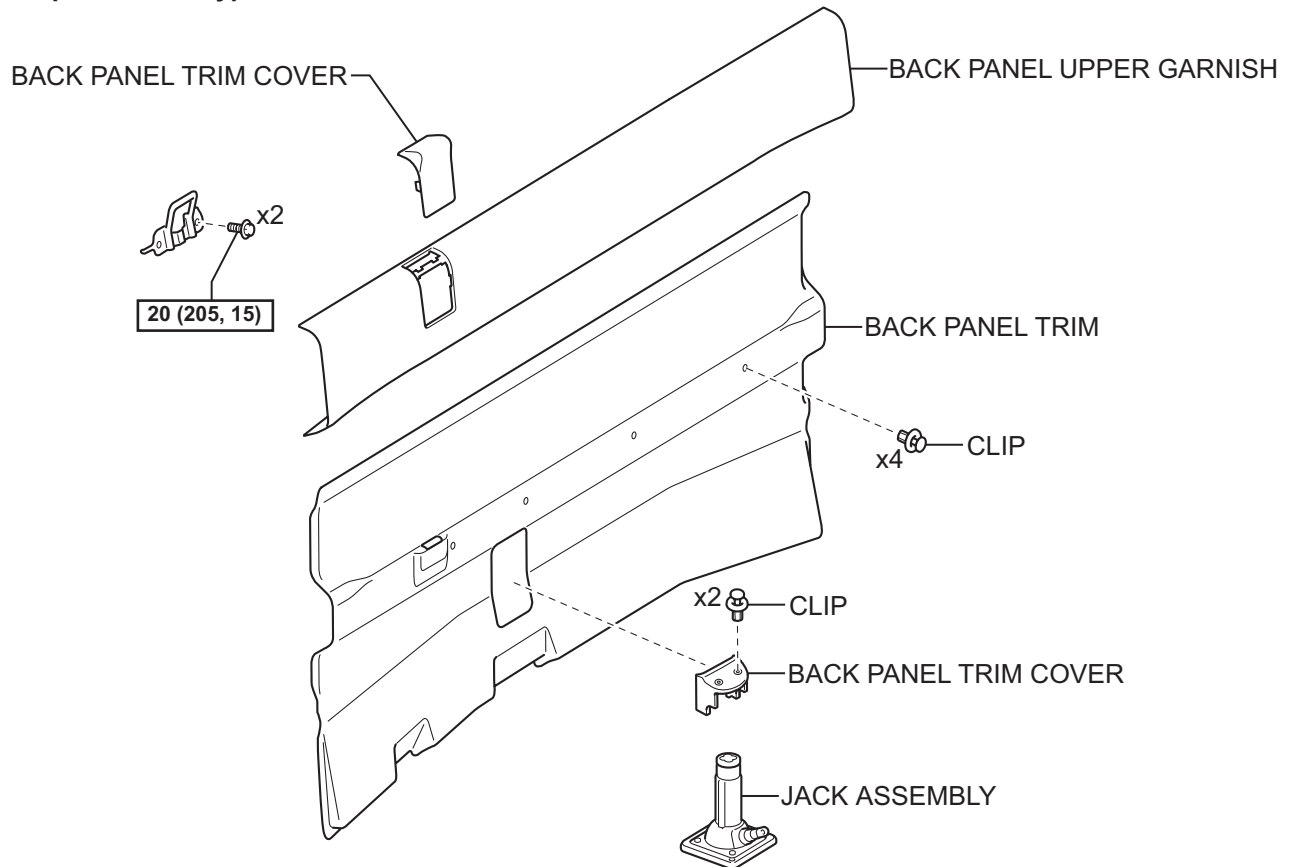
- Do not touch the outer belt for at least 30 minutes after the seat belt pretensioner has been activated. It is very hot.
- Use gloves and safety glasses when handling an outer belt assembly with a pretensioner that has been activated.
- Always wash your hands with water after completing operation.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

- (1) Remove the 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.

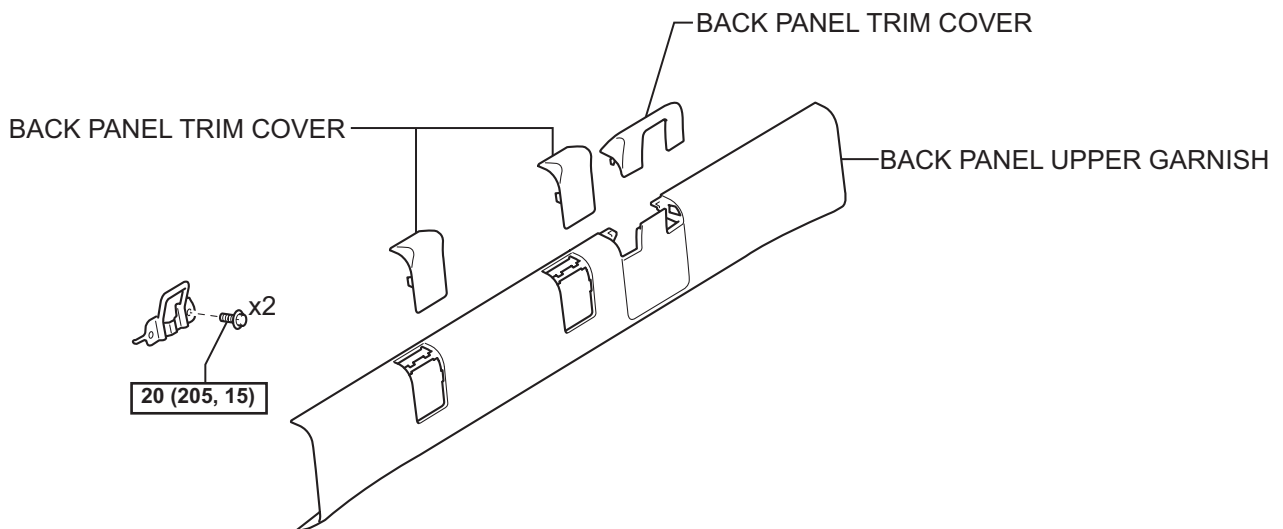
FRONT SEAT OUTER BELT ASSEMBLY (for Regular Cab)

COMPONENTS

for Separate Seat Type:

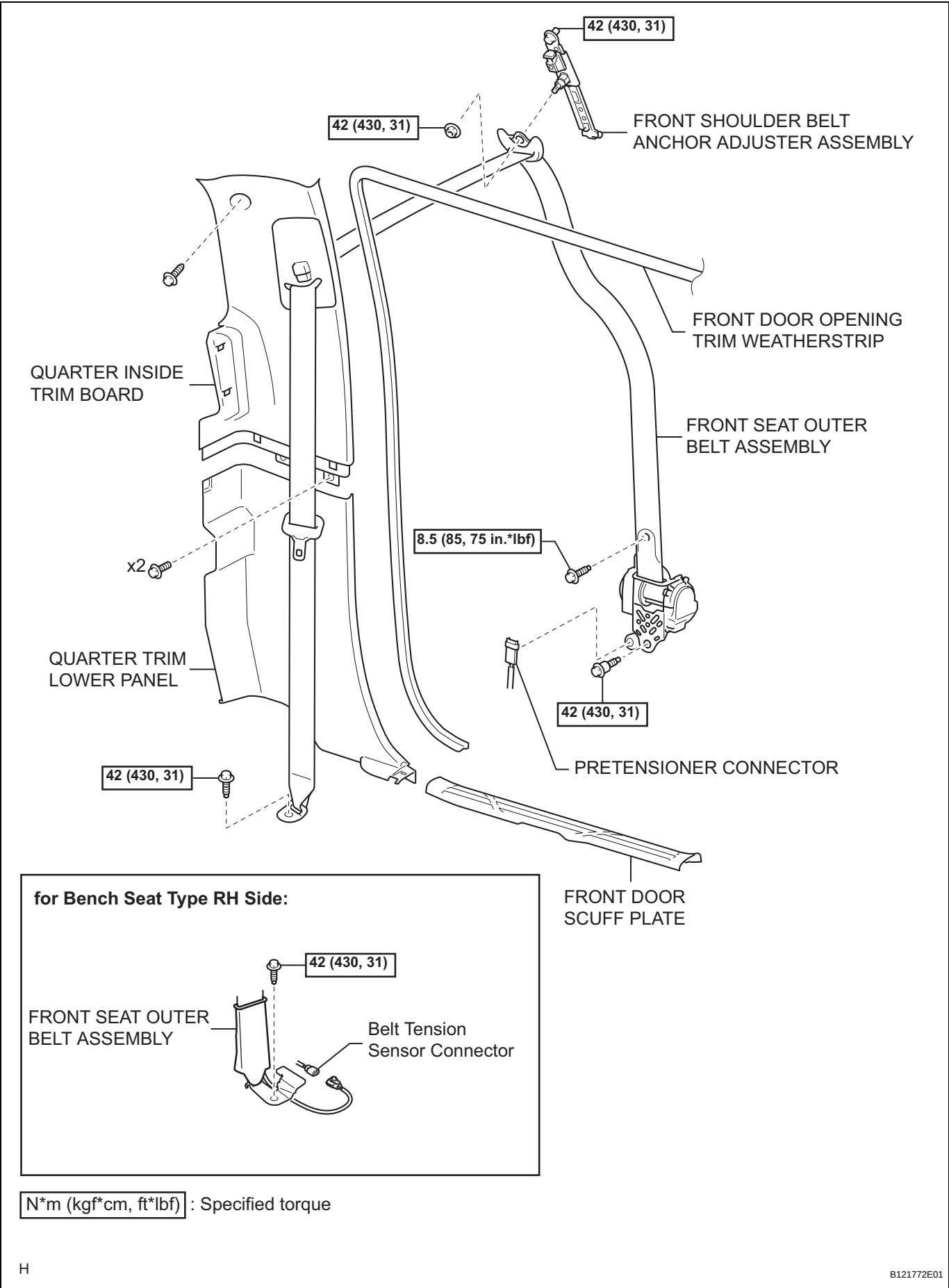


for Bench Seat Type:



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

SB



REMOVAL

CAUTION:

Some of these service operations affect the SRS airbag system. Read the precautionary notices concerning the SRS airbag system before servicing (See page [RS-1](#)).

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

Wait for at least 90 seconds after disconnecting the cable to prevent the airbag from working.

2. REMOVE FRONT DOOR SCUFF PLATE (See page [IR-40](#))

3. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP

(a) Separate the front door opening trim weatherstrip to the extent which allows the removal of the quarter trim lower panel and quarter inside trim board.

4. REMOVE BACK PANEL TRIM COVER (See page [IR-42](#))

5. REMOVE BACK PANEL UPPER GARNISH (See page [IR-43](#))

6. REMOVE JACK ASSEMBLY (for Separate Seat Type)

7. REMOVE BACK PANEL TRIM COVER (for Separate Seat Type) (See page [IR-43](#))

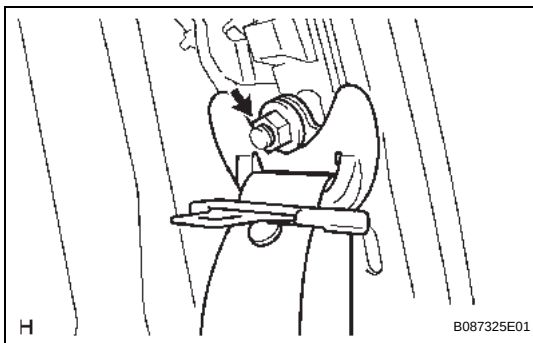
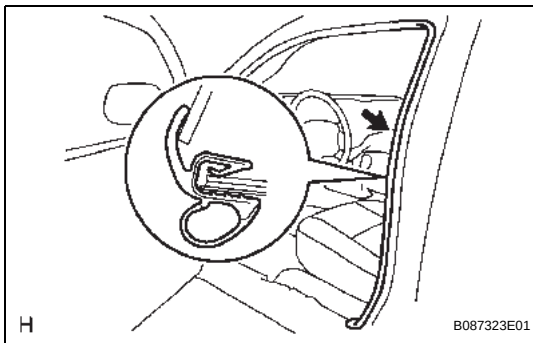
8. REMOVE BACK PANEL TRIM (for Separate Seat Type) (See page [IR-43](#))

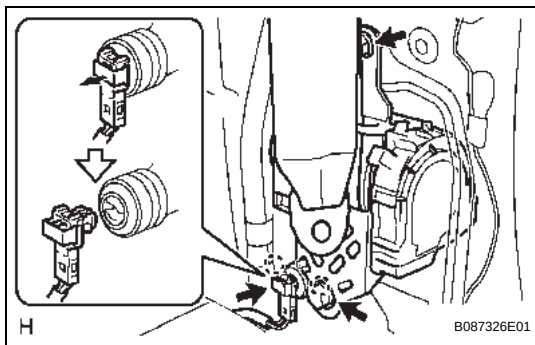
9. REMOVE QUARTER TRIM LOWER PANEL (See page [IR-43](#))

10. REMOVE QUARTER INSIDE TRIM BOARD (See page [IR-44](#))

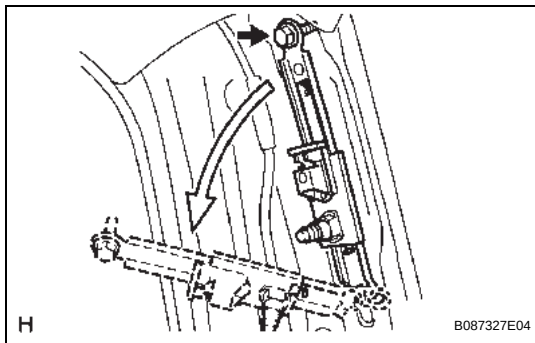
11. REMOVE FRONT SEAT OUTER BELT ASSEMBLY

(a) Remove the bolt and shoulder anchor.



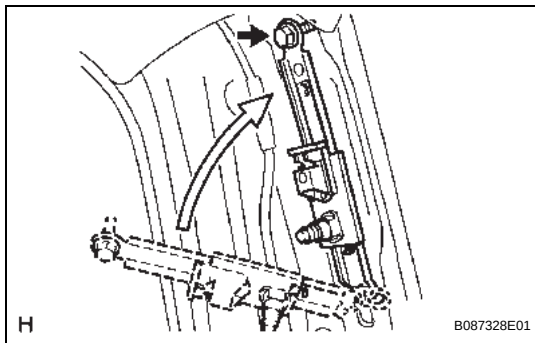


- (b) Disconnect the pretensioner connector as shown in the illustration.
- (c) Remove the 2 bolts and retractor.



12. REMOVE FRONT SHOULDER BELT ANCHOR ADJUSTER ASSEMBLY

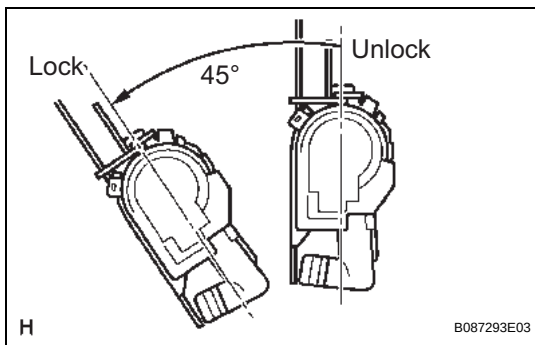
- (a) Remove the bolt.
- (b) Disengage the 2 claws and remove the front shoulder belt anchor adjuster.



INSTALLATION

1. INSTALL FRONT SHOULDER BELT ANCHOR ADJUSTER ASSEMBLY

- (a) Insert the 2 claws of the front shoulder belt anchor adjuster into the hole in body and mount the bolt.
Torque: 42 N*m (430 kgf*cm, 31 ft.*lbf)



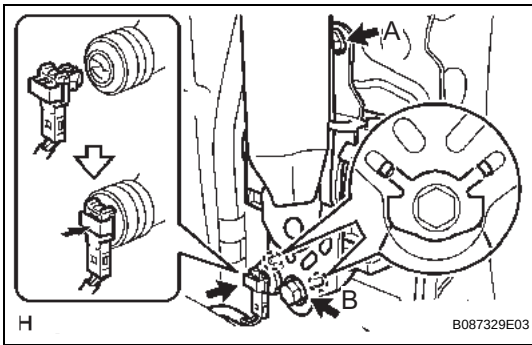
2. INSTALL FRONT SEAT OUTER BELT ASSEMBLY

- (a) Check the amount of inclination required to lock the retractor.
 - (1) Gently incline the retractor from its initial position. Check that belt does not lock when the retractor is inclined 15° or less in any directions. Also check that the belt locks when the inclination of the retractor is 45° or more.

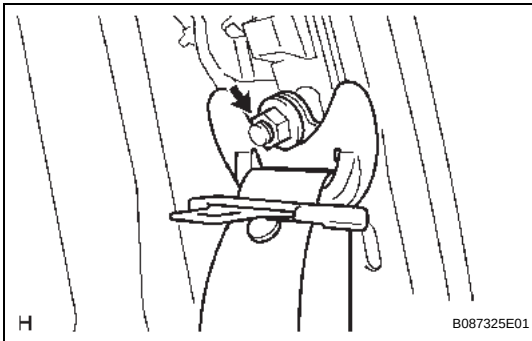
NOTICE:

Do not disassemble the retractor.

If operation is not as specified, replace the front seat outer belt.

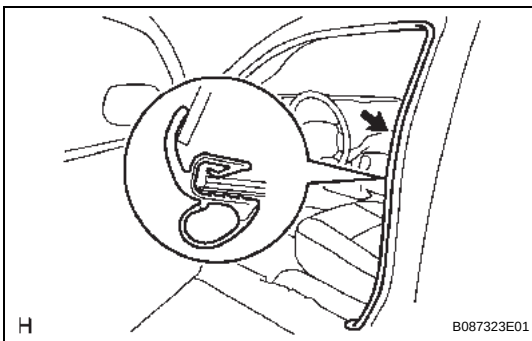


- (b) Hook the lower stay of the retractor onto the 2 body hooks.
- (c) Tighten bolt A, and then tighten bolt B.
Torque: 8.5 N*m (85 kgf*cm, 75 in.*lbf) for bolt A
42 N*m (430 kgf*cm, 31 ft.*lbf) for bolt B
- (d) Connect the pretensioner connector as shown in the illustration.



- (e) Install the shoulder anchor with the nut.
Torque: 42 N*m (430 kgf*cm, 31 ft.*lbf)
- (f) Check that the shoulder anchor rotates smoothly.
- (g) Check the ELR lock.
NOTICE:
 - The check should be performed with the front seat outer belt installed.
 - Do not allow the anchor part of the front seat belt outer and the protruding parts of the floor panel to overlap.
- (1) With the belt installed, check that the belt locks when it is pulled out quickly.
If operation is not as specified, replace the front seat outer belt.

3. INSTALL QUARTER INSIDE TRIM BOARD (See page [IR-48](#))
4. INSTALL QUARTER TRIM LOWER PANEL (See page [IR-49](#))
5. INSTALL BACK PANEL TRIM (for Separate Seat Type) (See page [IR-49](#))
6. INSTALL JACK ASSEMBLY (for Separate Seat Type)
7. INSTALL BACK PANEL UPPER GARNISH (See page [IR-50](#))
8. INSTALL BACK PANEL TRIM COVER (See page [IR-50](#))
9. INSTALL FRONT DOOR OPENING TRIM WEATHERSTRIP
 - (a) Install the front door opening trim weatherstrip.
10. INSTALL FRONT DOOR SCUFF PLATE (See page [IR-52](#))
11. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)
12. INSPECT SRS WARNING LIGHT
(See page [RS-28](#))



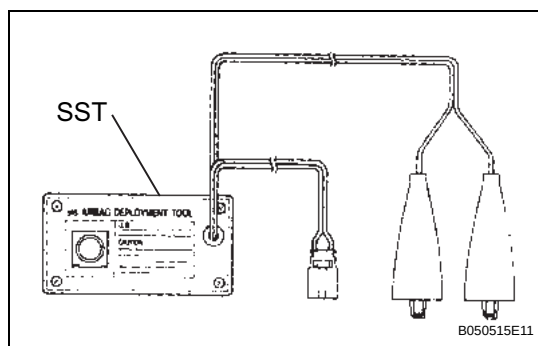
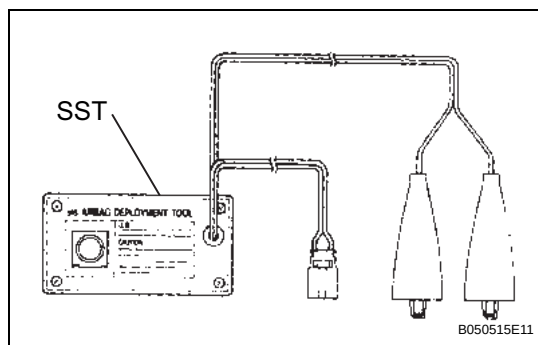
DISPOSAL

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 by step 2-(f) in this section.

CAUTION:

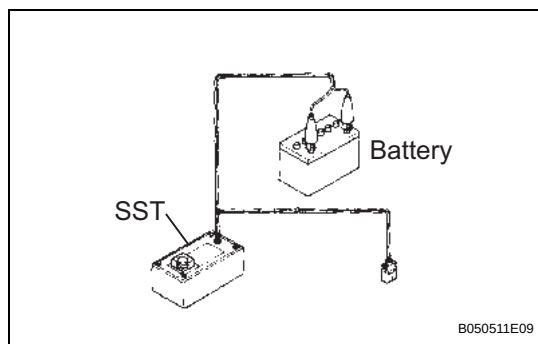
- **Never dispose of a front seat outer belt assembly that has an inactivated pretensioner.**
- **The seat belt pretensioner produces a loud, exploding sound when it activates. Perform the operation where it will not be a nuisance to persons nearby.**
- **When activating a front seat outer belt (with 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 activation.**
- **Do not apply water to a front seat outer belt that has an activated pretensioner.**
- **When activating the seat belt pretensioner, always use the specified SST (SRS air bag deployment tool).**
- **Perform operation in a place away from electrical interference.**



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 whether SST is functioning.
SST 09082-00700, 09082-00770

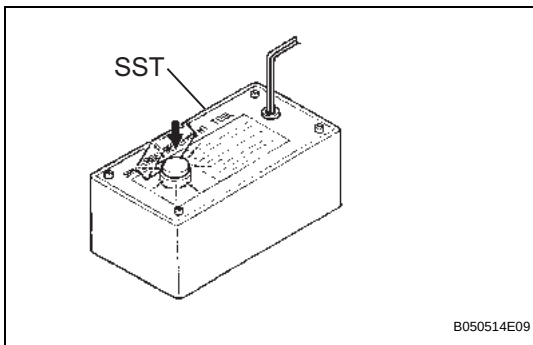
CAUTION:

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

- (1) Connect SST red clip to the battery positive (+) terminal and the black clip to the battery negative (-) terminal.

HINT:

Do not connect the yellow connector. The yellow connector is used to connect to the seat belt pretensioner.



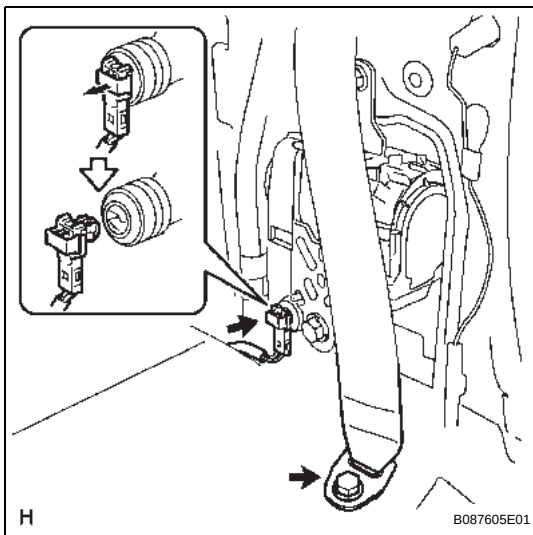
- (2) Press SST activation switch and check that the LED of SST activation switch turns on.

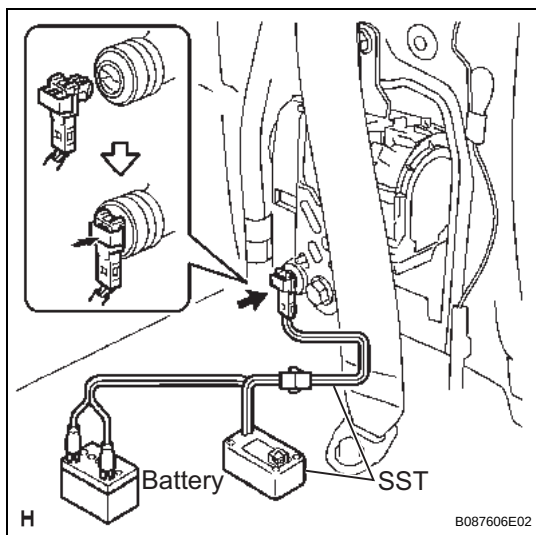
CAUTION:

If the LED turns on when the activation switch is not being pressed, SST may be malfunctioning. Do not use SST.

- (b) Disconnect SST from the battery.
- (c) Disconnect the pretensioner connector.
 - (1) Disconnect cable from negative battery terminal.
 - (2) Remove the front door scuff plate (See page [SB-27](#)).
 - (3) Remove the front door opening trim weatherstrip (See page [SB-27](#)).
 - (4) Remove the back panel trim cover (See page [SB-27](#)).
 - (5) Remove the back panel upper garnish (See page [SB-27](#)).
 - (6) Remove the jack (for Separate Seat Type).
 - (7) Remove the back panel trim cover (for Separate Seat Type) (See page [SB-27](#)).
 - (8) Remove the back panel trim (for Separate Seat Type) (See page [SB-27](#)).
 - (9) Remove the quarter trim lower panel (See page [SB-27](#)).
 - (10) Install the floor anchor with the bolt.

Torque: 42 N*m (430 kgf*cm, 31 ft.*lbf)
 - (11) Disconnect the pretensioner connector as shown in the illustration.





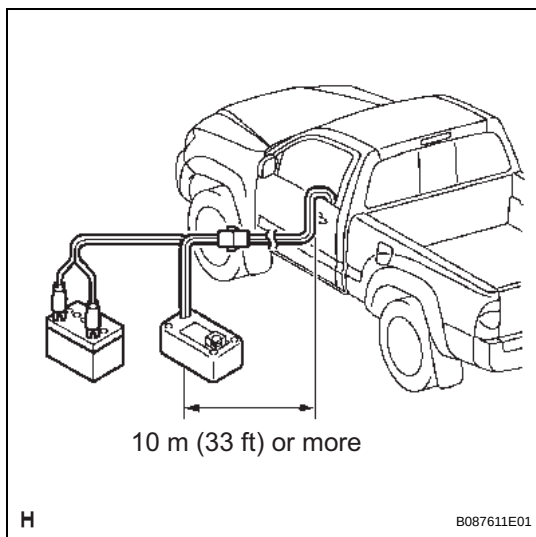
(d) Connect the SST.

- (1) 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.



- (2) Move SST at least 10 m (33 ft) away from the front of the vehicle.

- (3) Close all the doors and windows of the vehicle.

HINT:

Do not close the windows fully. Leave a gap for inserting SST wire harness.

NOTICE:

Take care not to damage SST wire harness.

- (4) Connect SST red clip to the battery positive (+) terminal and the black clip to the battery 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 and activate the seat belt pretensioner.

HINT:

The seat belt pretensioner operates simultaneously with SST activation switch 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 with a pretensioner that has been activated.
- Always wash your hands with water after completing the operation.
- 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 still 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 customers vehicle to activate the seat belt pretensioner.
- Be sure to follow the procedures listed below when activating the seat belt pretensioner.

HINT:

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

(a) Remove the front seat outer belt (See page [SB-27](#)).

(b) Wind the seat belt with the retractor.

(c) When the seat belt is sufficiently wound, cut the seat belt approximately 10 cm (0.328 ft) from the retractor, as shown in the illustration.

HINT:

The retractor resistance increases in correlation with how much the seat belt is wound.

(d) Check whether SST is functioning (see step 2-(a)).

SST 09082-00700, 09082-00770

CAUTION:

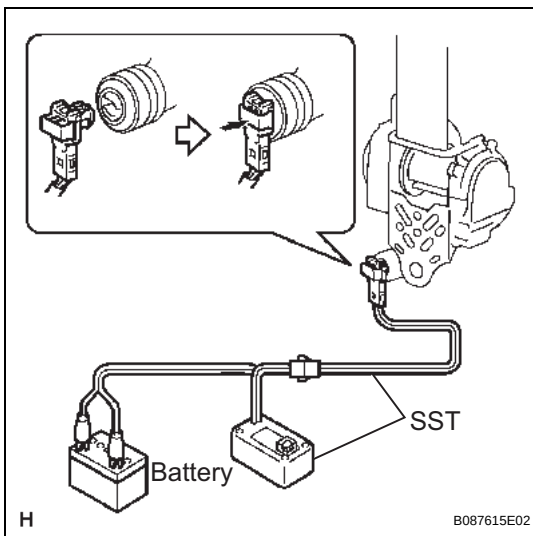
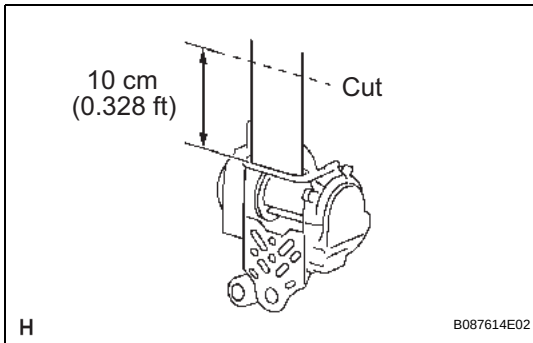
When activating the seat belt pretensioner, always use the specified SST.

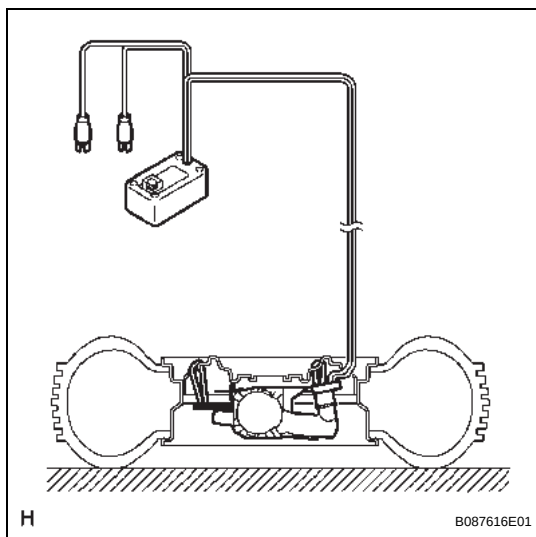
(e) Connect SST.

(1) Connect SST, then connect them to the seat belt pretensioner.

NOTICE:

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

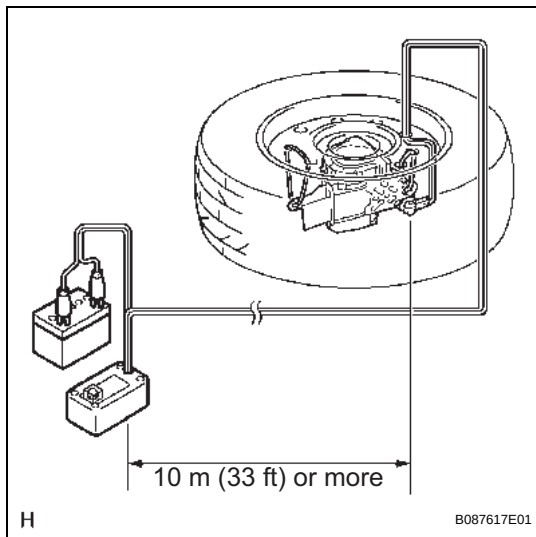




- (2) Place the outer belt on the ground and cover it with a tire with a wheel attached.

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 SST wire harness.

- (f) Activate the seat belt pretensioner.

- (1) Connect SST red clip to the battery positive (+) terminal and the black clip to the battery negative (-) terminal.
- (2) Check that no one is within 10 m (33 ft) of the wheel.
- (3) Press SST activation switch and activate the seat belt pretensioner.

HINT:

The seat belt pretensioner operates simultaneously with SST activation switch LED light.

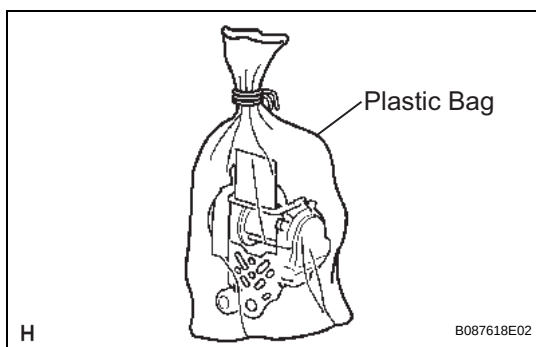
- (g) Dispose of the outer belt (with the seat belt pretensioner).

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

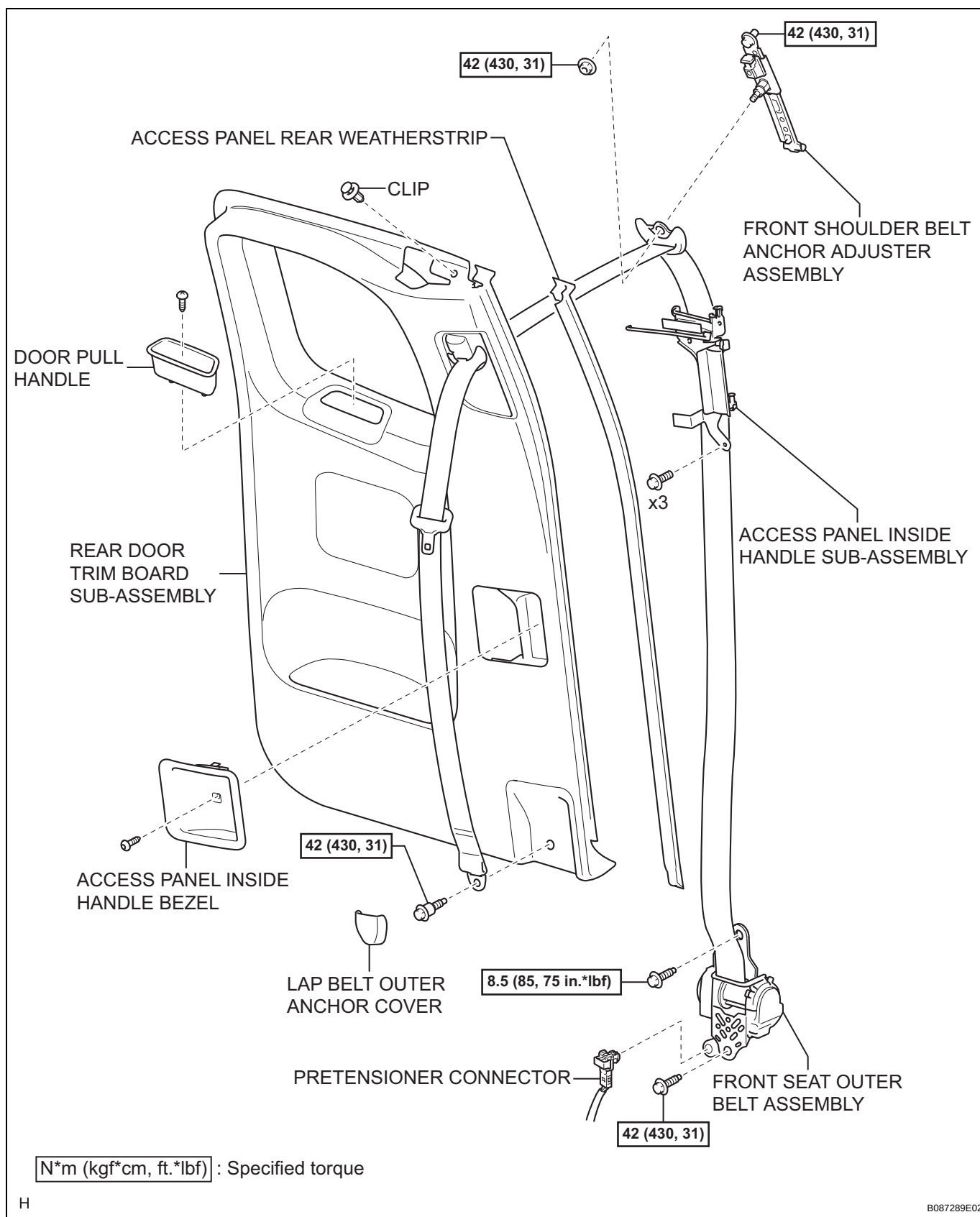
- (1) Remove the wheel and SST.

- (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.



FRONT SEAT OUTER BELT ASSEMBLY (for Access Cab)

COMPONENTS



REMOVAL

CAUTION:

Some of these service operations affect the SRS airbag system. Read the precautionary notices concerning the SRS airbag system before servicing (See page [RS-1](#)).

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

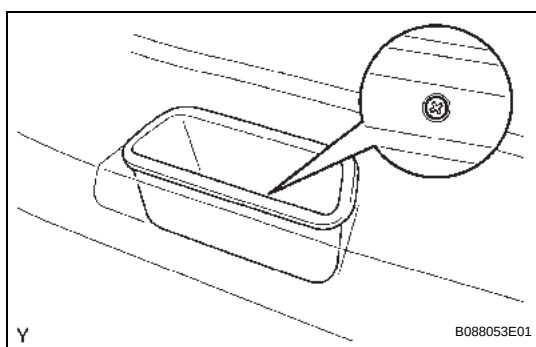
Wait for at least 90 seconds after disconnecting the cable to prevent the air bag from working.

2. REMOVE ACCESS PANEL REAR WEATHERSTRIP (See page [ED-53](#))

3. REMOVE LAP BELT OUTER ANCHOR COVER (See page [ED-53](#))

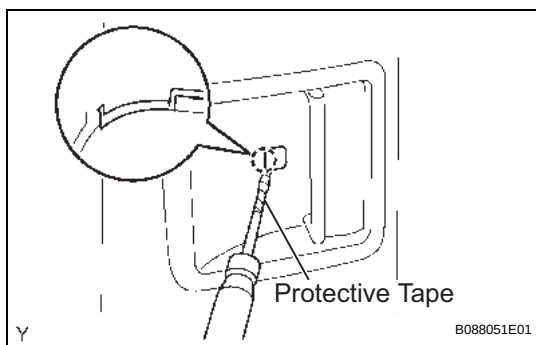
4. REMOVE DOOR PULL HANDLE

- (a) Remove the screw, then remove the door pull handle.

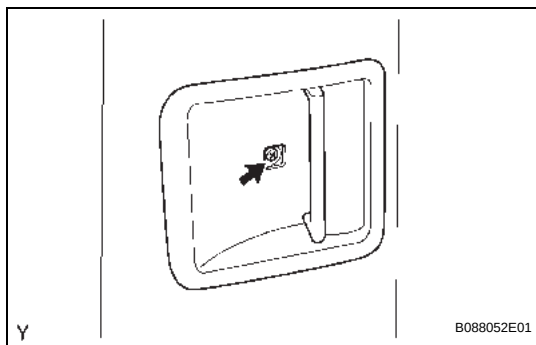


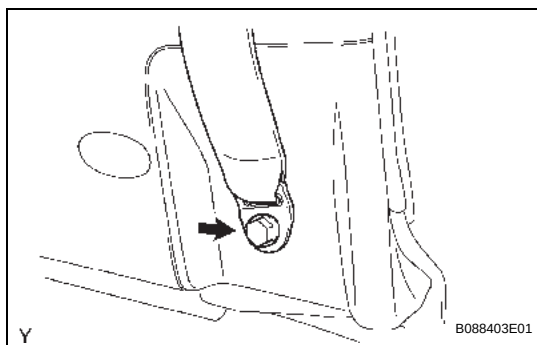
5. REMOVE ACCESS PANEL INSIDE HANDLE BEZEL

- (a) Using a screwdriver with its tip wrapped in protective tape, open the cover.



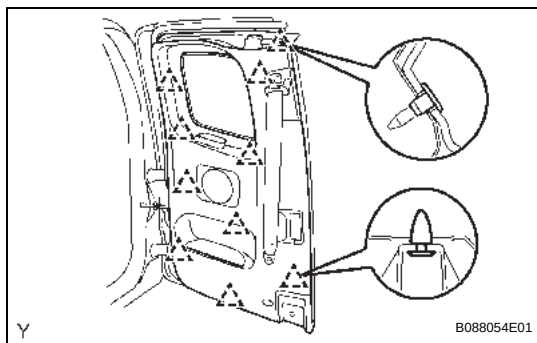
- (b) Remove the screw, then remove the access panel inside handle bezel.





6. REMOVE REAR DOOR TRIM BOARD SUB-ASSEMBLY

- (a) Remove the bolt and floor anchor of the front seat outer belt.



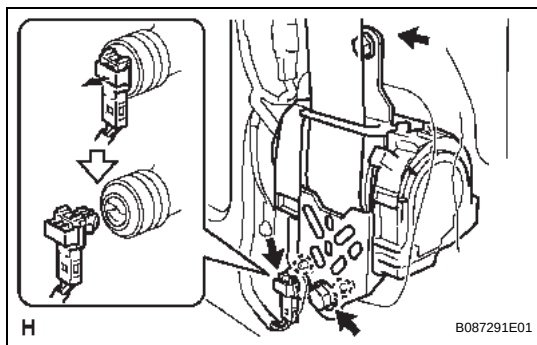
- (b) Remove the clip.
- (c) Disengage the 9 clips and remove the rear door trim board.

7. REMOVE ACCESS PANEL INSIDE HANDLE SUB-ASSEMBLY (See page [ED-54](#))

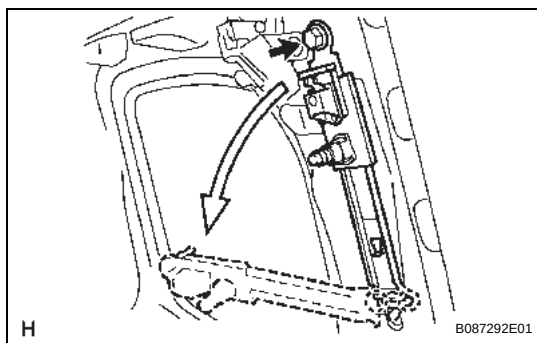


8. REMOVE FRONT SEAT OUTER BELT ASSEMBLY

- (a) Remove the nut and shoulder anchor.



- (b) Disconnect the pretensioner connector as shown in the illustration.
- (c) Remove the 2 bolts and retractor.



9. REMOVE FRONT SHOULDER BELT ANCHOR ADJUSTER ASSEMBLY

- (a) Remove the bolt.
- (b) Disengage the 2 claws and remove the front shoulder belt anchor adjuster.

INSTALLATION

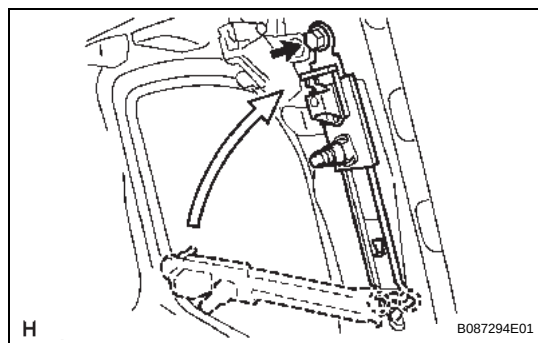
CAUTION:

Some of these service operations affect the SRS airbag system. Read the precautionary notices concerning the SRS airbag system before servicing (See page RS-1).

1. INSTALL FRONT SHOULDER BELT ANCHOR ADJUSTER ASSEMBLY

- (a) Insert the 2 claws of the front shoulder belt anchor adjuster into the hole in the body and mount the bolt.

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



2. INSTALL FRONT SEAT OUTER BELT ASSEMBLY

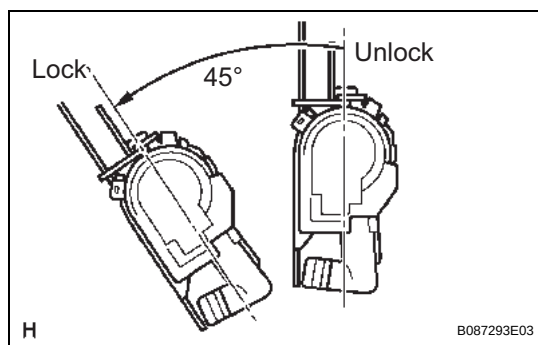
- (a) Check the amount of inclination required to lock the retractor.

- (1) Gently incline the retractor from its initial position. Check that the belt does not lock when the retractor is inclined 15° or less in any directions. Also check that the belt locks when the inclination of the retractor is 45° or more.

NOTICE:

Do not disassemble the retractor.

If operation is not as specified, replace the front seat outer belt.

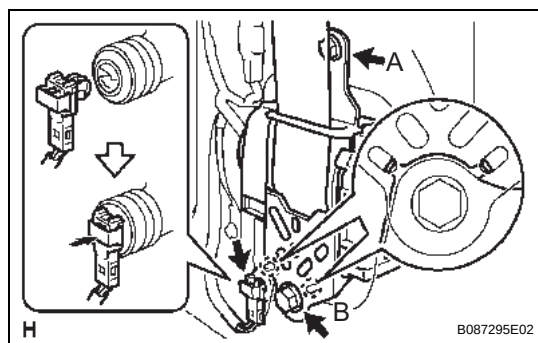


- (b) Hook the lower stay of the retractor onto the 2 body hooks.

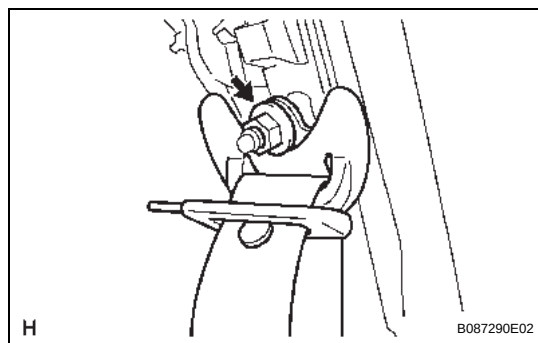
- (c) Tighten bolt A, and then tighten bolt B.

Torque: 8.5 N*m (85 kgf*cm, 75 in.*lbf) for bolt A
42 N*m (430 kgf*cm, 31 ft.*lbf) for bolt B

- (d) Connect the pretensioner connector as shown in the illustration.



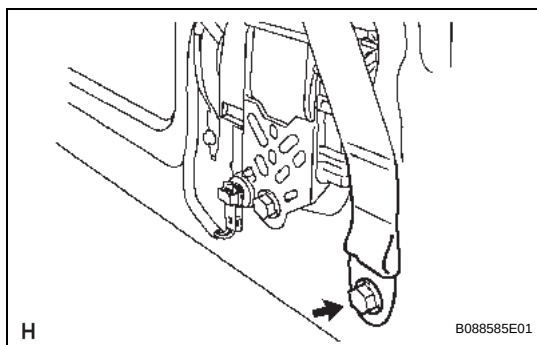
SB



- (e) Install the shoulder anchor with the nut.

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

- (f) Check that the shoulder anchor rotates smoothly.



- (g) Install the floor anchor of the front seat outer belt with the bolt.
- (h) Check the ELR lock.

NOTICE:

- The check should be performed with the front seat outer belt installed.
- Do not allow the anchor part of the front seat belt outer and the protruding parts of the door panel to overlap.

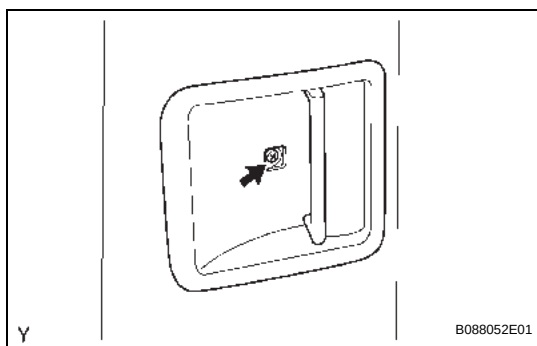
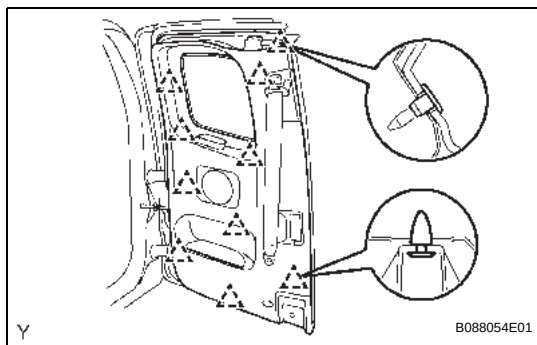
- (1) With the belt installed, check that the belt locks when it is pulled out quickly.
If operation is not as specified, replace the front seat outer belt.

- (i) Remove the bolt and floor anchor.

3. INSTALL ACCESS PANEL INSIDE HANDLE SUB-ASSEMBLY (See page [ED-62](#))

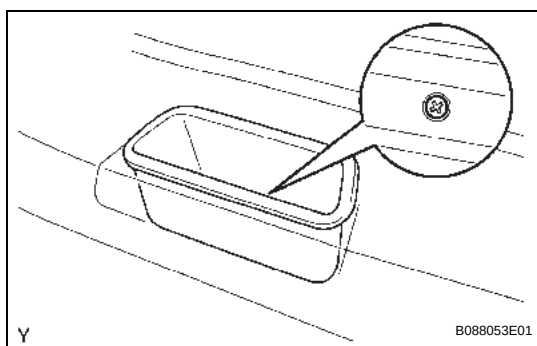
4. INSTALL REAR DOOR TRIM BOARD SUB-ASSEMBLY

- (a) Engage the 9 clips and install the rear door trim board.
- (b) Install the clip.



5. INSTALL ACCESS PANEL INSIDE HANDLE BEZEL

- (a) Install the access panel inside handle bezel with the screw.
- (b) Close the cover.



6. INSTALL DOOR PULL HANDLE

- (a) Install the door pull handle with the screw.

7. INSTALL LAP BELT OUTER ANCHOR COVER (See page [ED-63](#))

8. INSTALL ACCESS PANEL REAR WEATHERSTRIP (See page [ED-64](#))

9. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

10. INSPECT SRS WARNING LIGHT (See page [RS-28](#))

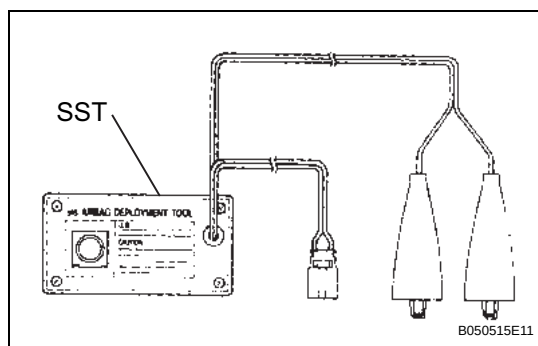
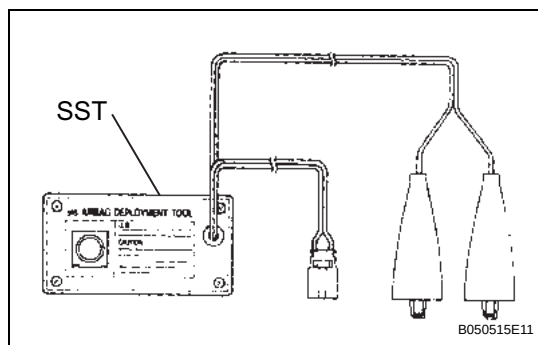
DISPOSAL

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 by step 2-(f) in this section.

CAUTION:

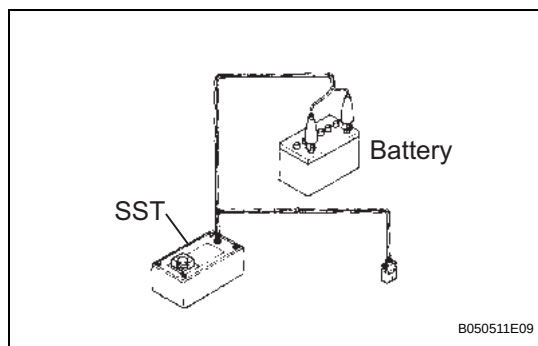
- **Never dispose of a front seat outer belt assembly that has an inactivated pretensioner.**
- **The seat belt pretensioner produces a loud, exploding sound when it activates. Perform the operation where it will not be a nuisance to persons nearby .**
- **When activating a front seat outer belt (with 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 activation.**
- **Do not apply water to a front seat outer belt that has an activated pretensioner.**
- **When activating the seat belt pretensioner, always use the specified SST (SRS air bag deployment tool).**
- **Perform operation in a place away from electrical interference.**



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 whether SST is functioning.
SST 09082-00700, 09082-00770

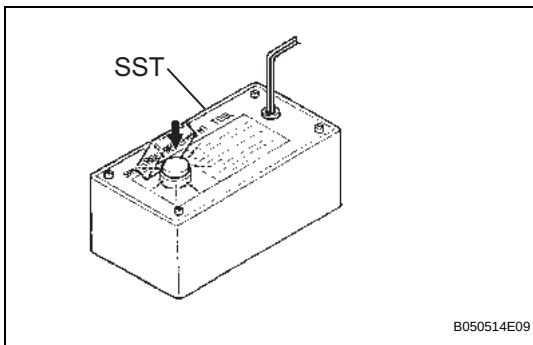
CAUTION:

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

- (1) Connect SST red clip to the battery positive (+) terminal and the black clip to the battery negative (-) terminal.

HINT:

Do not connect the yellow connector. The yellow connector is used to connect to the seat belt pretensioner.

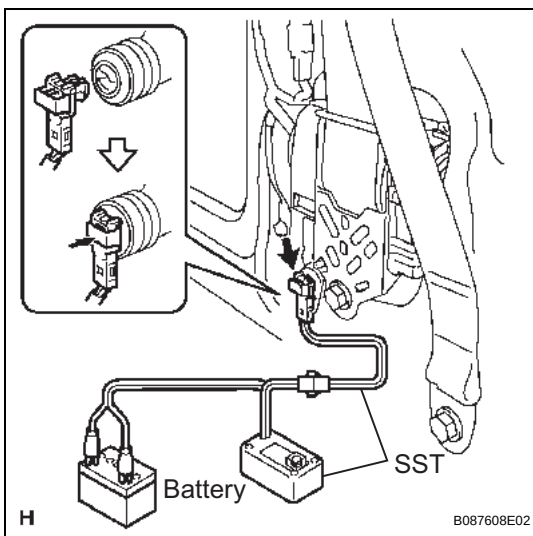
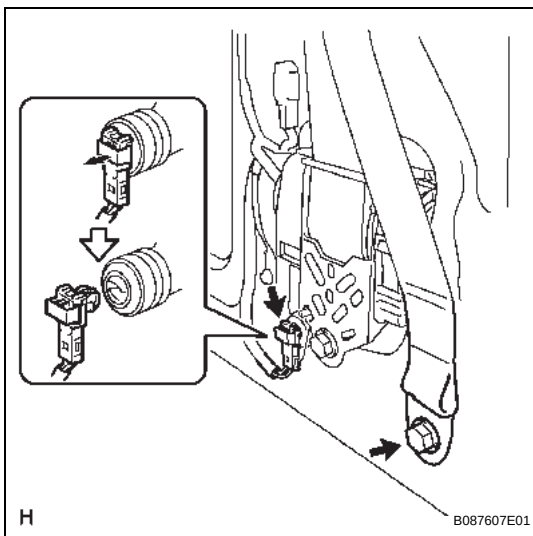


- (2) Press SST activation switch and check that the LED of SST activation switch turns on.

CAUTION:

If the LED turns on when the activation switch is not being pressed, SST may be malfunctioning. Do not use SST.

- (b) Disconnect SST from the battery.
 (c) Disconnect the pretensioner connector.
- (1) Disconnect cable from negative battery terminal.
 - (2) Remove the access panel rear weatherstrip (See page SB-36).
 - (3) Remove the lap belt outer anchor cover (See page SB-36).
 - (4) Remove the door pull handle (See page SB-36).
 - (5) Remove the access panel inside handle bezel (See page SB-36).
 - (6) Remove the rear door trim board (See page SB-37).
 - (7) Install the floor anchor with the bolt.
Torque: 42 N*m (430 kgf*cm, 31 ft.*lbf)
 - (8) Disconnect the pretensioner connector as shown in the illustration.

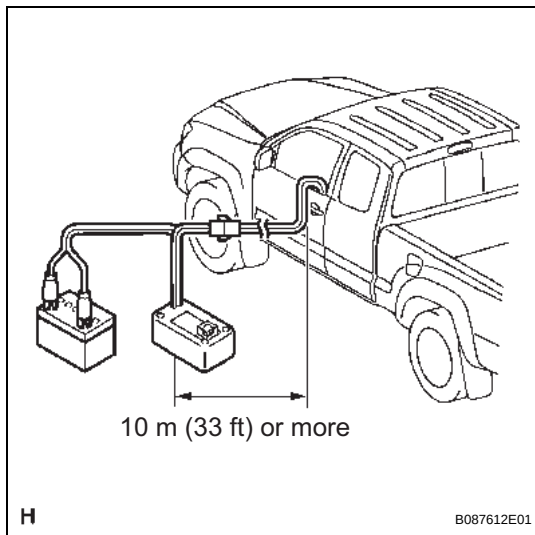


- (d) Connect the SST.
 (1) Connect SST, then connect the yellow connector to the seat belt pretensioner.

SST 09082-00700, 09082-00770

NOTICE:

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



- (2) Move SST at least 10 m (33 ft) away from the front of the vehicle.
- (3) Close all the doors and windows of the vehicle.
HINT:
Do not close the windows fully. Leave a gap for inserting SST wire harness.
NOTICE:
Take care not to damage SST wire harness.
- (4) Connect SST red clip to the battery positive (+) terminal and the black clip to the battery 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 and activate the seat belt pretensioner.
HINT:
The seat belt pretensioner operates simultaneously with SST activation switch 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 with a pretensioner that has been activated.**
 - **Always wash your hands with water after completing the operation.**
 - **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 still installed.

2. DISPOSE OF FRONT SEAT OUTER BELT ASSEMBLY (When not Installed in Vehicle)

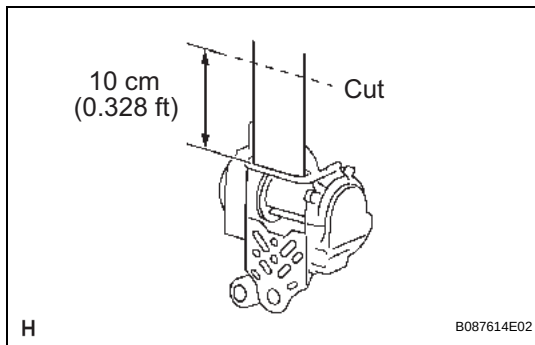
NOTICE:

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

HINT:

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

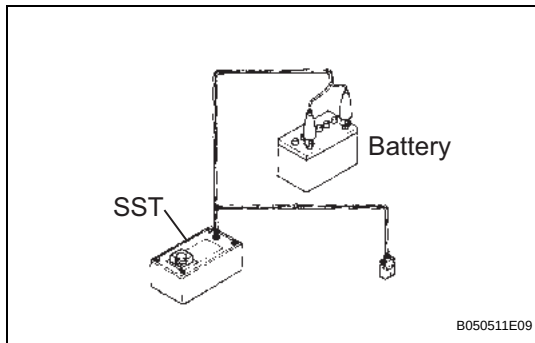
- (a) Remove the front seat outer belt (See page [SB-36](#)).



- (b) Wind the seat belt with the retractor.
- (c) When the seat belt is sufficiently wound, cut the seat belt approximately 10 cm (0.328 ft) from the retractor, as shown in the illustration.

HINT:

The retractor resistance increases in correlation with how much the seat belt is wound.

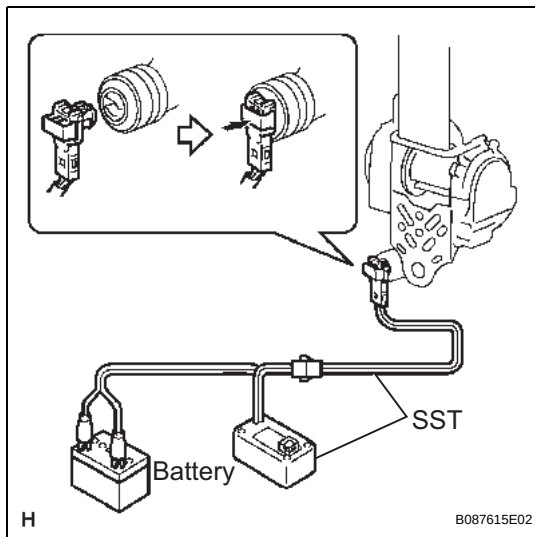


- (d) Check whether SST is functioning (see step 2-(a)).

SST 09082-00700, 09082-00770

CAUTION:

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

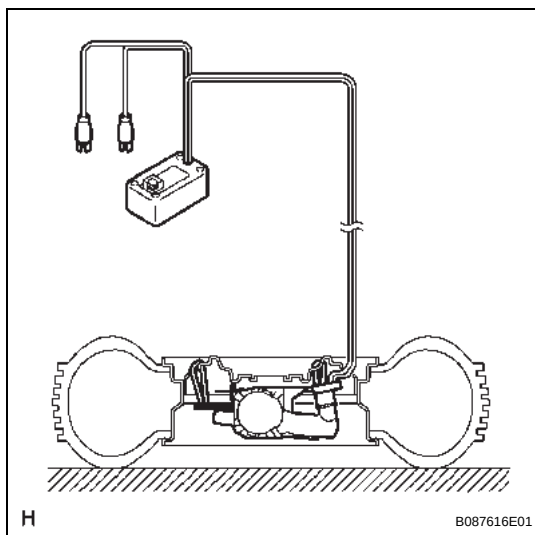


- (e) Connect SST.

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

NOTICE:

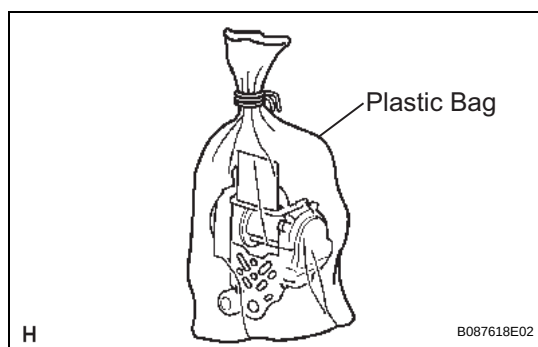
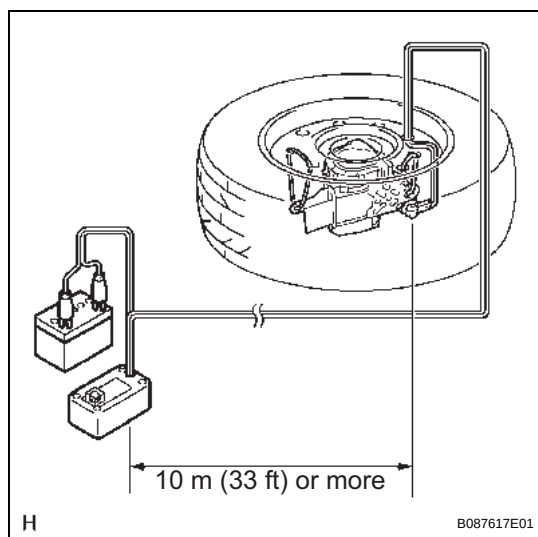
To avoid damaging SST connector and wire harness, do not lock the secondary lock of the twin lock.



- (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 SST wire harness.

- (f) Activate the seat belt pretensioner.
- (1) Connect SST red clip to the battery positive (+) terminal and the black clip to the battery negative (-) terminal.
 - (2) Check that no one is within 10 m (33 ft) of the wheel.
 - (3) Press SST activation switch and activate the seat belt pretensioner.

HINT:

The seat belt pretensioner operates simultaneously with SST activation switch LED light.

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

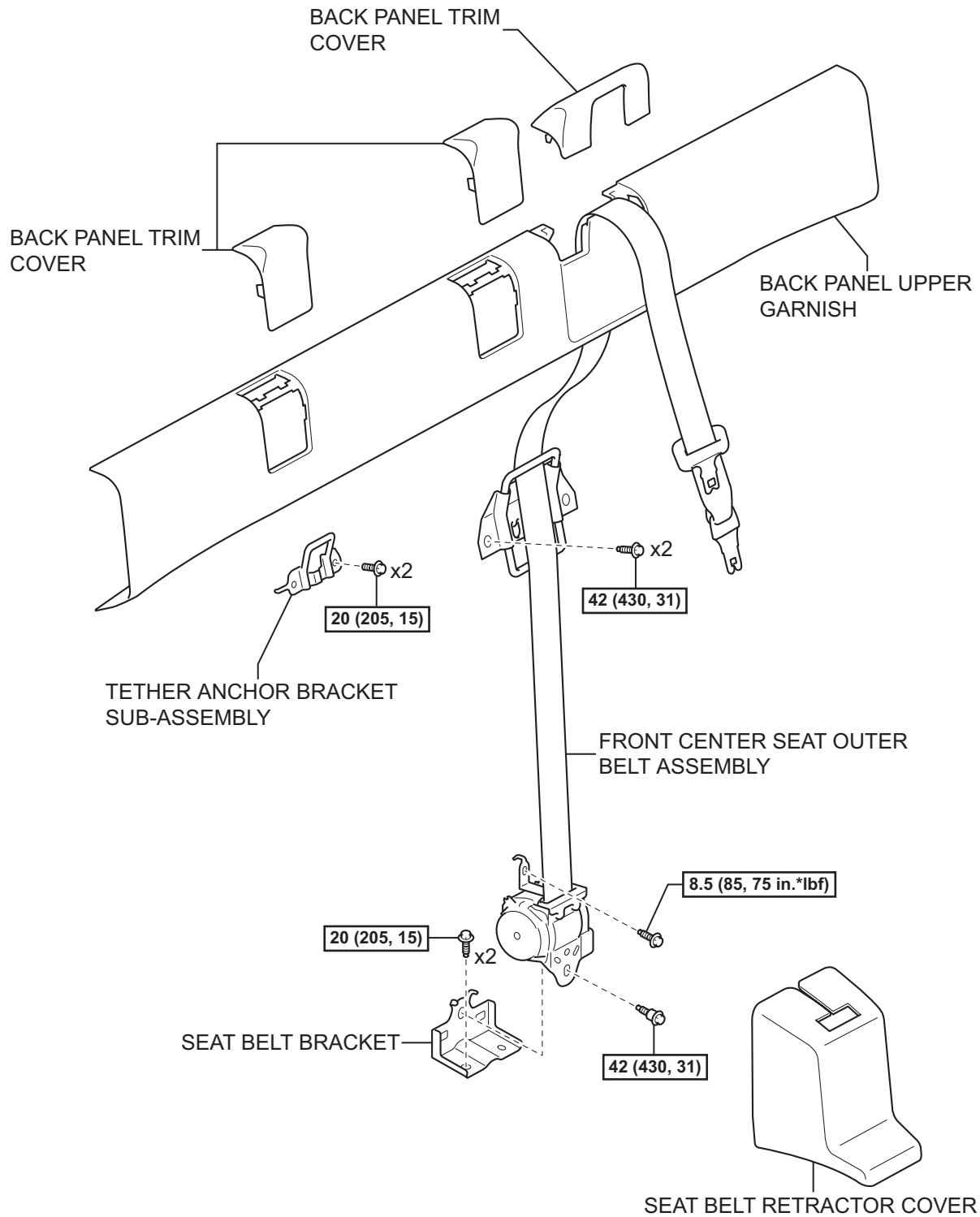
CAUTION:

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

- (1) Remove the 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.

FRONT CENTER SEAT OUTER BELT (for Bench Seat Type)

COMPONENTS



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

SB

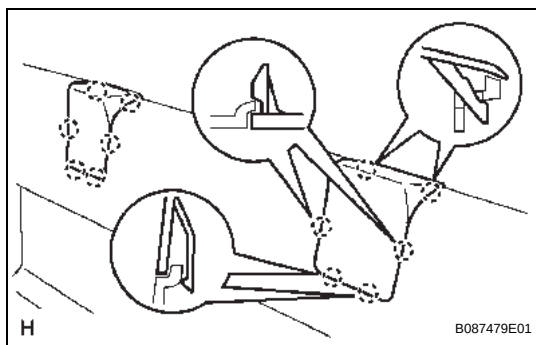
REMOVAL

1. REMOVE BACK PANEL TRIM COVER

- (a) Disengage the 6 claws and remove the back panel trim cover.

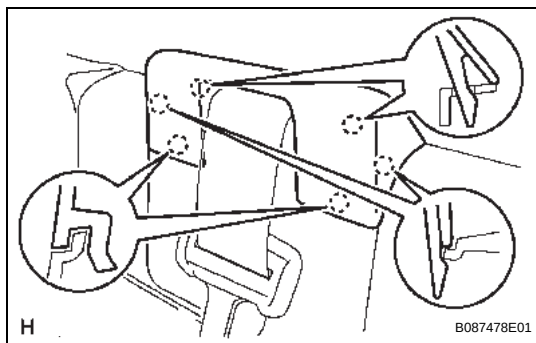
HINT:

Follow the same procedures as for the opposite side.



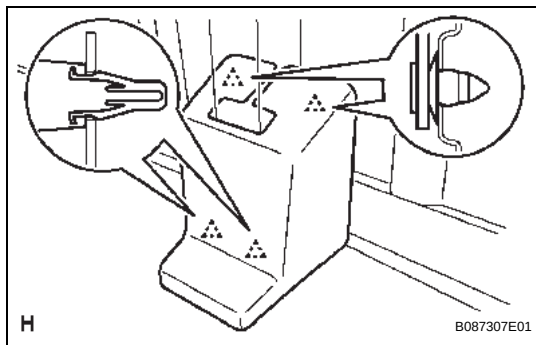
- (b) Disengage the 6 claws and remove the back panel trim cover.

2. REMOVE BACK PANEL UPPER GARNISH (See page [IR-43](#))



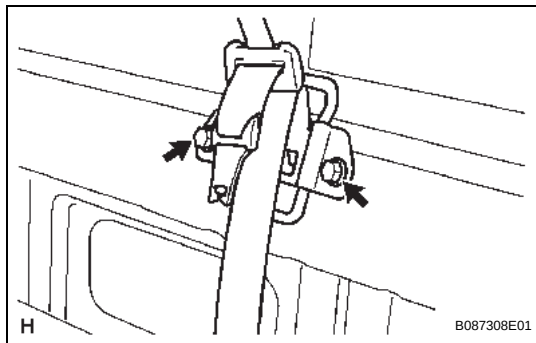
3. REMOVE SEAT BELT RETRACTOR COVER

- (a) Disengage the 4 clips and remove the seat retractor cover.

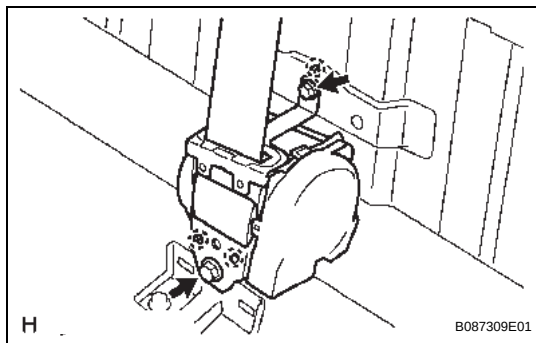


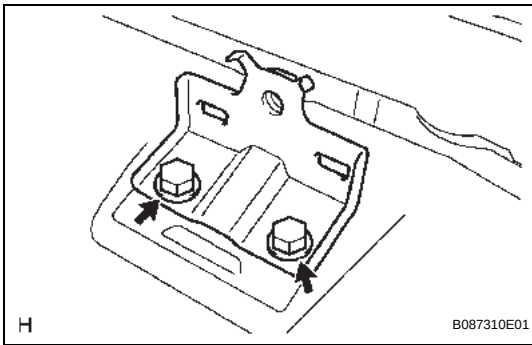
4. REMOVE REAR CENTER SEAT OUTER BELT ASSEMBLY

- (a) Remove the 2 bolts and shoulder anchor.



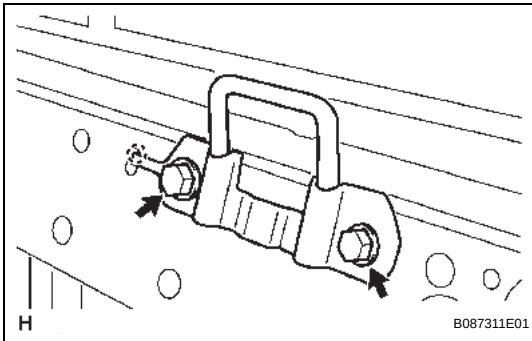
- (b) Remove the 2 bolts and retractor.





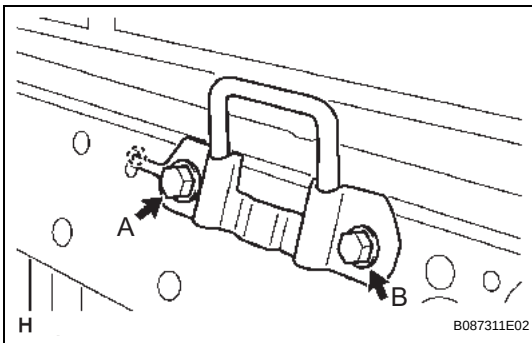
5. REMOVE SEAT BELT BRACKET

- (a) Remove the 2 bolts and seat belt bracket.



6. REMOVE TETHER ANCHOR BRACKET SUB-ASSEMBLY

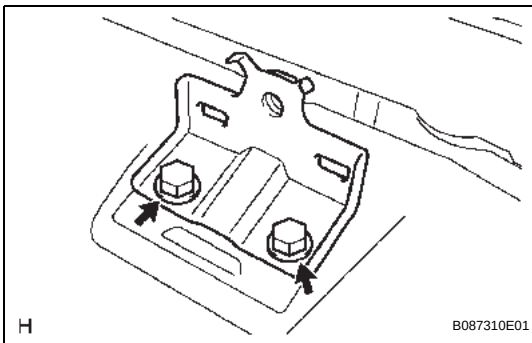
- (a) Remove the 2 bolts and tether anchor bracket.



INSTALLATION

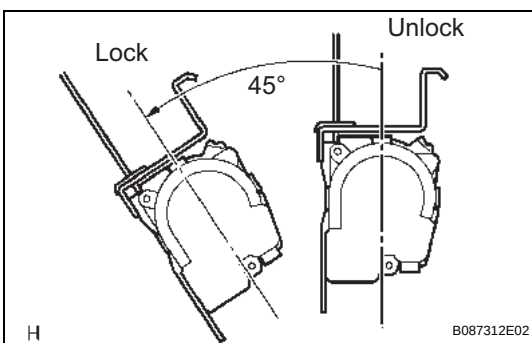
1. INSTALL TETHER ANCHOR BRACKET SUB-ASSEMBLY

- (a) Hook the claw of the tether anchor bracket into the body hole.
 (b) Tighten bolt A, and then tighten bolt B.
Torque: 20 N*m (205 kgf*cm, 15 ft.*lbf)



2. INSTALL SEAT BELT BRACKET

- (a) Install the seat belt bracket with the 2 bolts.
Torque: 20 N*m (205 kgf*cm, 15 ft.*lbf)



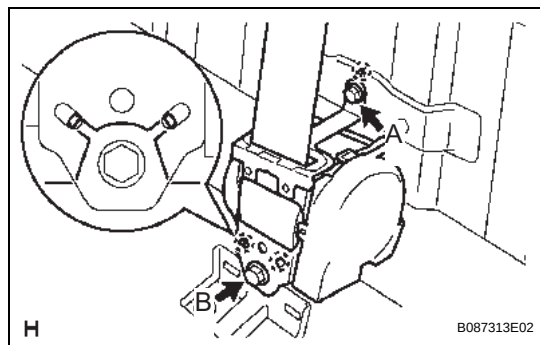
3. INSTALL REAR SEAT SHOULDER BELT GUIDE

- (a) Check the amount of inclination required to lock the retractor.
 (1) Gently incline the retractor from its initial position. Check that the belt does not lock when the retractor is inclined 15° or less in any directions. Also check that the belt locks when the inclination of the retractor is 45° or more.

NOTICE:

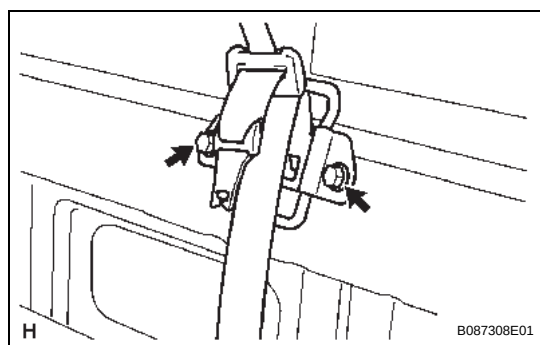
Do not disassemble the retractor.

If operation is not as specified, replace the rear center seat outer belt.



- (b) Hook the lower stay of the retractor onto the 2 hooks of the seat belt bracket.
- (c) Tighten bolt A, and then tighten bolt B.

Torque: 8.5 N*m (85 kgf*cm, 75 in.*lbf) for bolt A
42 N*m (430 kgf*cm, 31 in.*lbf) for bolt B



- (d) Install the shoulder anchor with the 2 bolts.

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

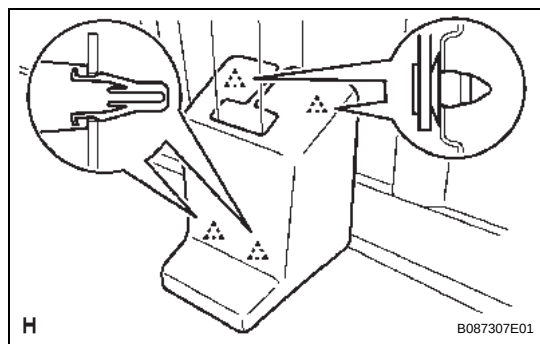
- (e) Check the ELR lock.

NOTICE:

- The check should be performed with the rear center seat outer belt installed.
- Do not allow the anchor part of the rear center seat outer belt and the protruding parts of the floor panel to overlap.

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

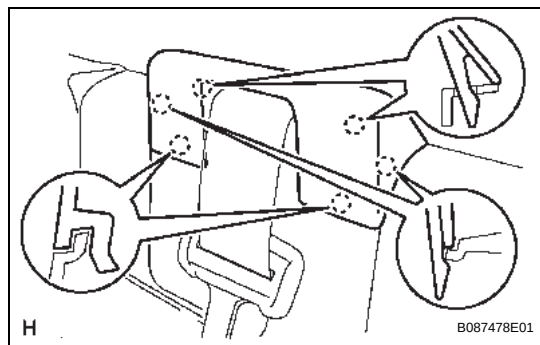
If operation is not as specified, replace the rear center seat outer belt.



4. INSTALL SEAT BELT RETRACTOR COVER

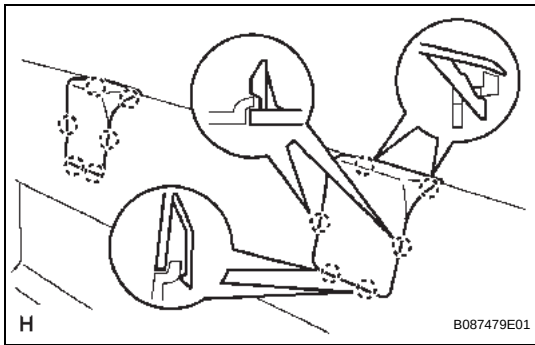
- (a) Engage the 4 clips and install the seat retractor cover.

5. INSTALL BACK PANEL UPPER GARNISH (See page [IR-50](#))

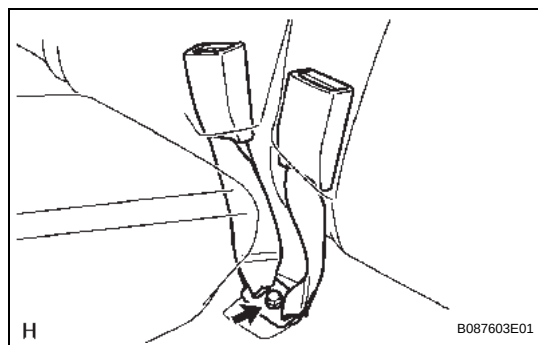


6. INSTALL BACK PANEL TRIM COVER

- (a) Engage the 6 claws and install the back panel trim cover.



- (b) Engage the 6 claws and install the back panel trim cover.
HINT:
Follow the same procedures as for the opposite side.



REAR SEAT INNER BELT ASSEMBLY (for Double Cab)

REMOVAL

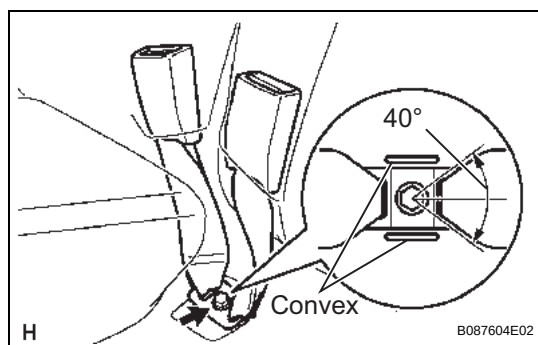
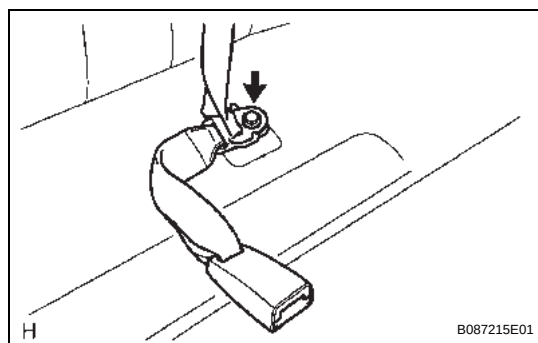
1. REMOVE REAR SEAT INNER BELT ASSEMBLY

(a) for LH Side:

- (1) Remove the bolt and rear seat inner belt.

(b) for RH Side:

- (1) Remove the bolt, rear seat inner belt and floor anchor of the rear center seat outer belt.



INSTALLATION

1. INSTALL REAR SEAT INNER BELT ASSEMBLY

(a) for LH Side:

- (1) Install the rear seat inner belt with the bolt.

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

NOTICE:

- Make sure that the rear seat inner belt is oriented in the correct direction when installing.
- Be careful not to place the rear seat inner belt over the convex areas of the floor panel.

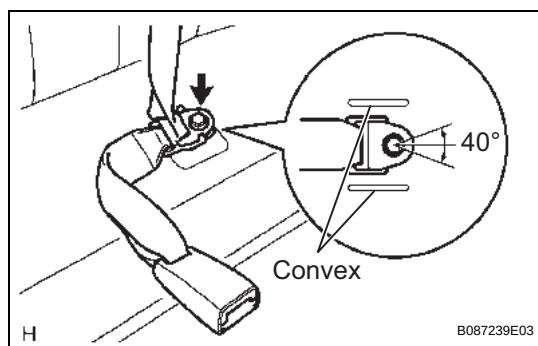
(b) for RH Side:

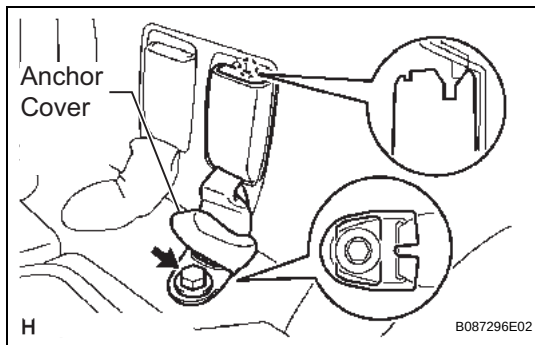
- (1) Install the rear seat belt inner and floor anchor of the rear center seat outer with the bolt.

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

NOTICE:

- Make sure that the rear seat inner belt and floor anchor of the rear center seat outer belt are oriented in the correct direction when installing.
- Be careful not to place the rear seat inner belt (and floor anchor of the rear center seat outer belt) over the convex areas of the floor panel.





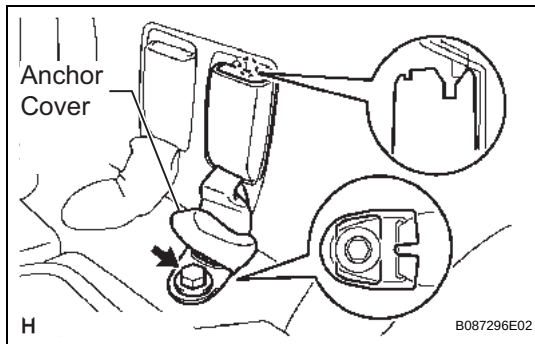
REAR SEAT INNER BELT ASSEMBLY (for Access Cab)

REMOVAL

1. **REMOVE REAR SEAT INNER BELT ASSEMBLY**
 - (a) Disengage the claw and remove the buckle.
 - (b) Open the anchor cover.
 - (c) Remove the bolt and rear seat inner belt.

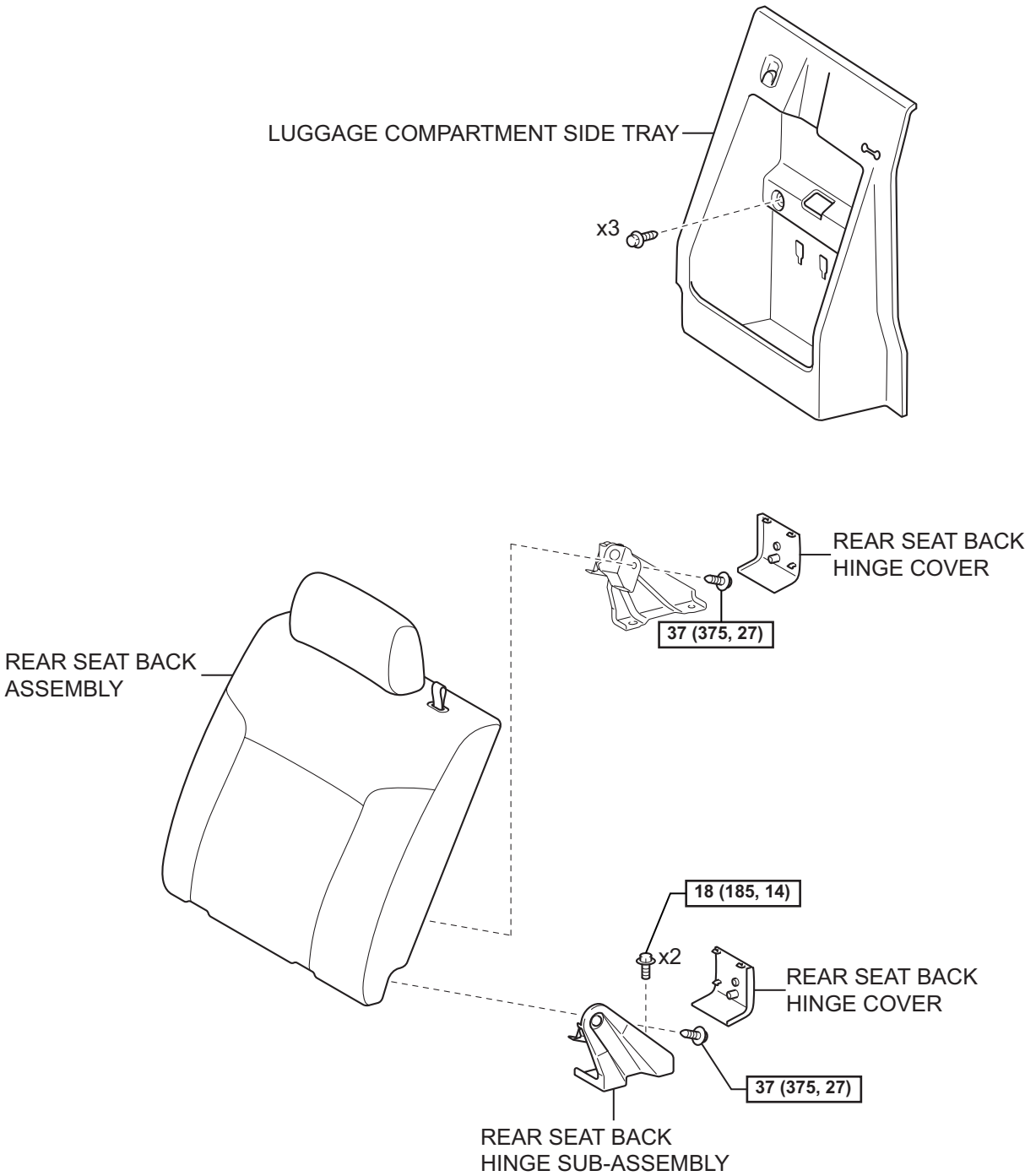
INSTALLATION

1. **INSTALL REAR SEAT INNER BELT ASSEMBLY**
 - (a) Install the rear seat inner belt with the bolt.
Torque: 42 N*m (430 kgf*cm, 31 ft.*lbf)
 - (b) Check that the floor anchor rotates smoothly.
 - (c) Close the anchor cover.
 - (d) Engage the claw and install the buckle.

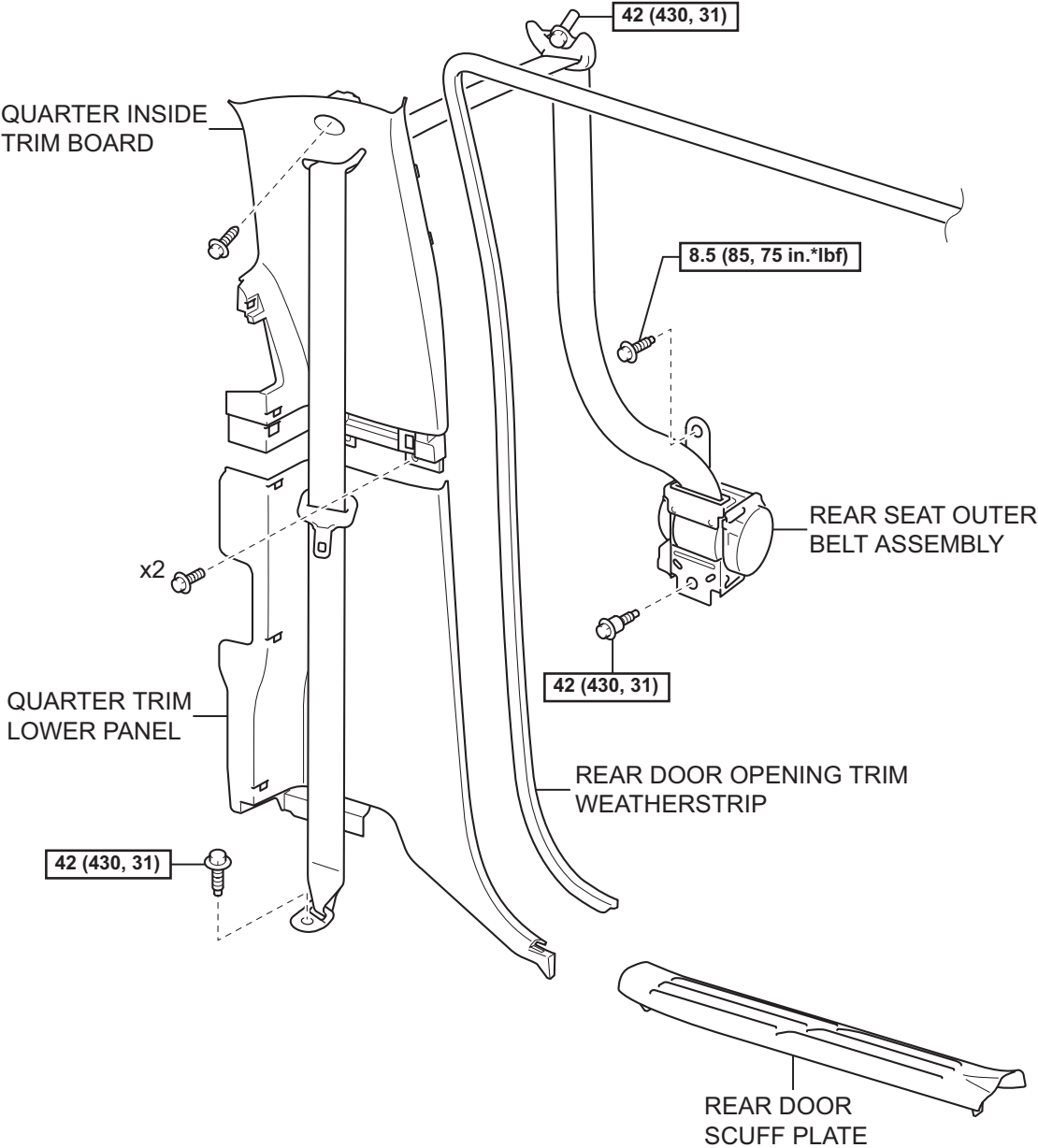


REAR SEAT OUTER BELT ASSEMBLY (for Double Cab)

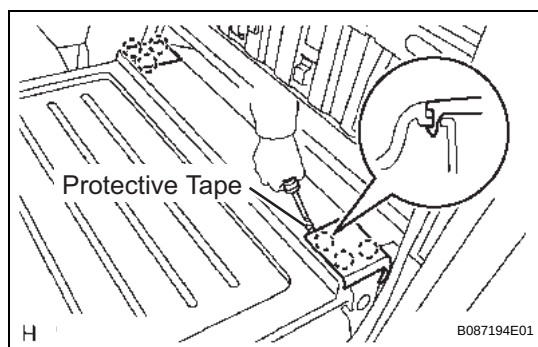
COMPONENTS



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



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



REMOVAL

1. REMOVE REAR SEAT BACK HINGE COVER

HINT:

Follow the same procedure as for the opposite side.

- (a) Using a screwdriver with its tip taped in protective tape, disengage the 3 claws and remove the rear seat back hinge cover.

2. REMOVE REAR SEAT BACK ASSEMBLY (See page [SE-71](#))

3. REMOVE REAR SEAT BACK HINGE SUB-ASSEMBLY (See page [SE-71](#))

4. REMOVE REAR DOOR SCUFF PLATE (See page [IR-13](#))

5. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP

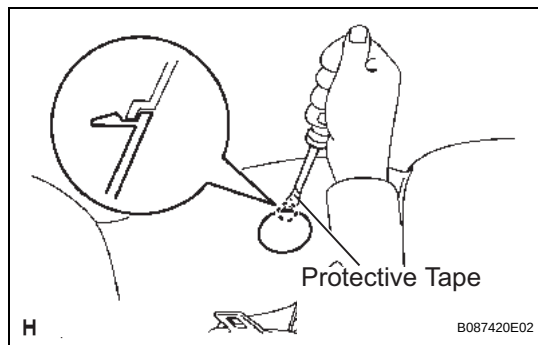
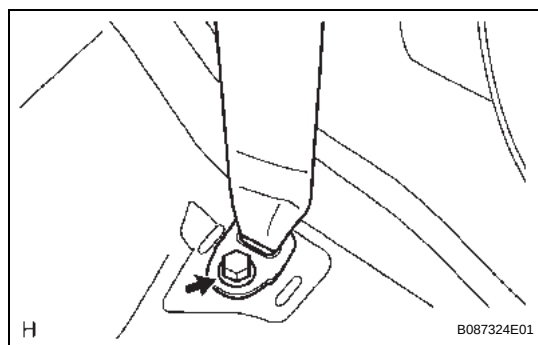
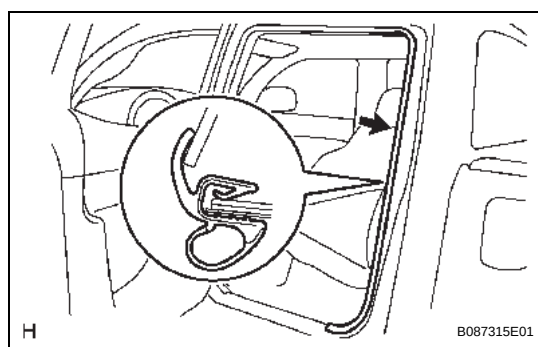
- (a) Separate the rear door opening trim weatherstrip to the extent which allows the removal of the quarter trim lower panel and quarter inside trim board.

6. REMOVE LUGGAGE COMPARTMENT SIDE TRAY (See page [IR-16](#))

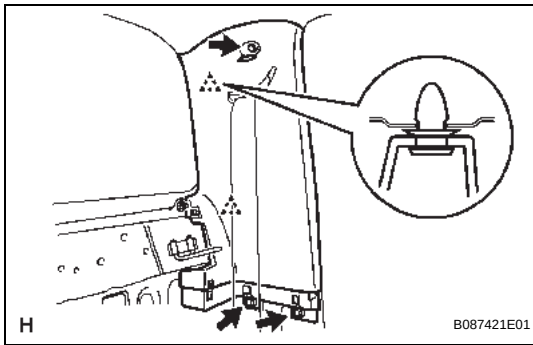
7. REMOVE QUARTER TRIM LOWER PANEL (See page [IR-17](#))

8. REMOVE QUARTER INSIDE TRIM BOARD

- (a) Remove the bolt and remove the floor anchor of the rear seat outer belt.



- (b) Using a screwdriver with its tip taped in protective tape, disengage the claw and open the cover.

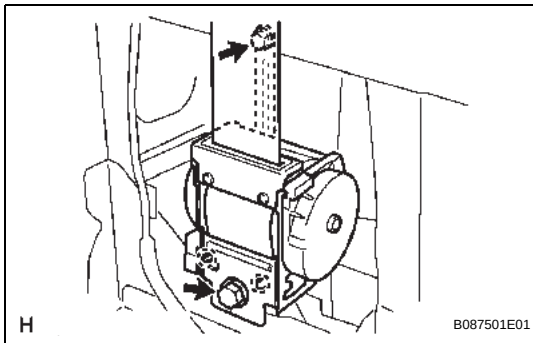


- (c) Remove the 3 screws.
- (d) Disengage the 2 clips and remove the quarter inside trim board.

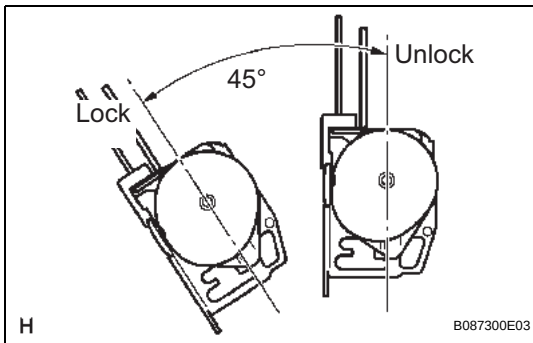
9. REMOVE REAR SEAT OUTER BELT ASSEMBLY



- (a) Remove the bolt and shoulder anchor.



- (b) Remove the 2 bolts and retractor.



INSTALLATION

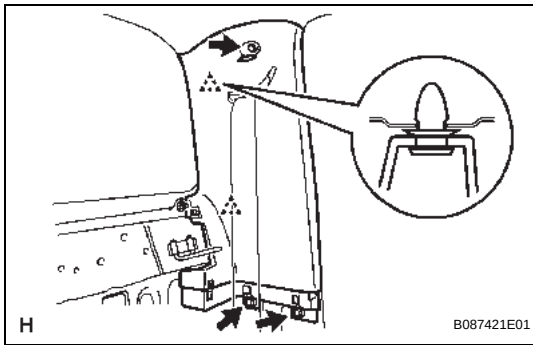
1. INSTALL REAR SEAT OUTER BELT ASSEMBLY

- (a) Check the amount of inclination required to lock the retractor.
 - (1) Gently incline the retractor from its initial position. Check that the belt does not lock when the retractor is inclined 15° or less in any directions. Also check that the belt locks when inclination of the retractor is 45° or more.

NOTICE:

Do not disassemble the retractor.

If operation is not as specified, replace the rear seat outer belt.

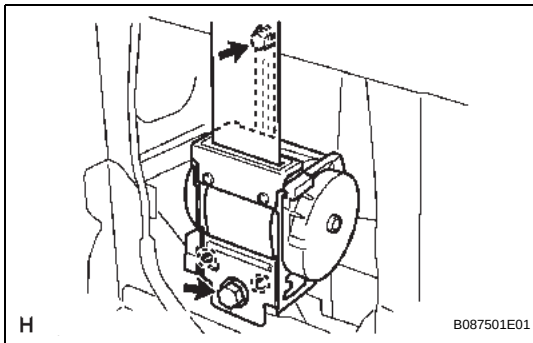


- (c) Remove the 3 screws.
- (d) Disengage the 2 clips and remove the quarter inside trim board.

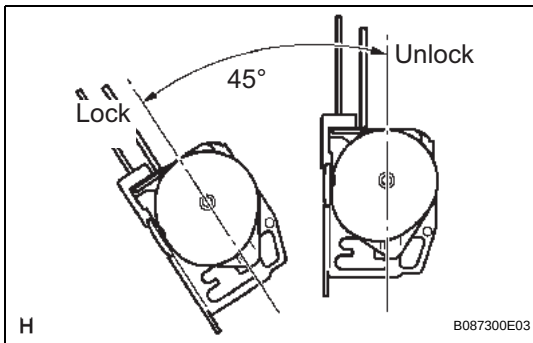
9. REMOVE REAR SEAT OUTER BELT ASSEMBLY



- (a) Remove the bolt and shoulder anchor.



- (b) Remove the 2 bolts and retractor.



INSTALLATION

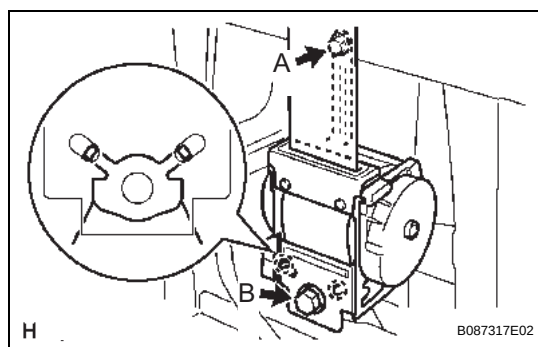
1. INSTALL REAR SEAT OUTER BELT ASSEMBLY

- (a) Check the amount of inclination required to lock the retractor.
 - (1) Gently incline the retractor from its initial position. Check that the belt does not lock when the retractor is inclined 15° or less in any directions. Also check that the belt locks when inclination of the retractor is 45° or more.

NOTICE:

Do not disassemble the retractor.

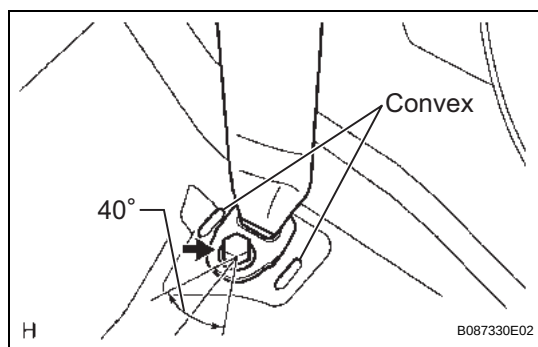
If operation is not as specified, replace the rear seat outer belt.



- (b) Hook the lower stay of the retractor onto the 2 body hooks.
- (c) Tighten bolt A, and then tighten bolt B.
Torque: 8.5 N*m (85 kgf*cm, 75 in.*lbf) (for bolt A)
42 N*m (430 kgf*cm, 31 ft.*lbf) (for bolt B)

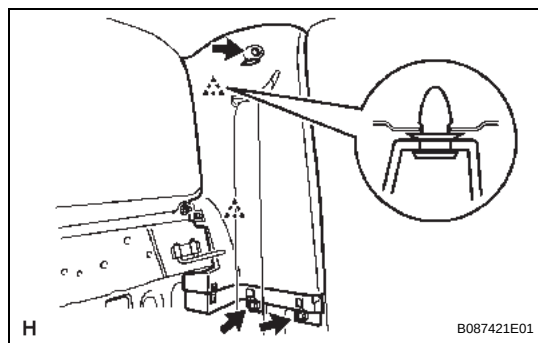


- (d) Install the shoulder anchor with the bolt.
Torque: 42 N*m (430 kgf*cm, 31 ft.*lbf)
- (e) Check that the shoulder anchor rotates smoothly.



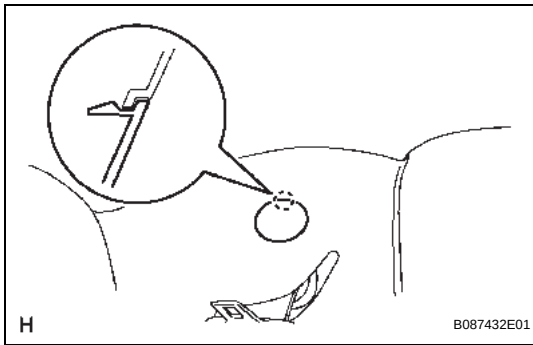
- (f) Install the floor anchor with the bolt.
Torque: 42 N*m (430 kgf*cm, 31 ft.*lbf)
NOTICE:
- **Make sure that the rear seat outer belt is oriented in the correct direction when installing.**
 - **Be careful not to place the rear seat outer belt over the convex areas of the floor panel.**
- (g) Check the ELR lock.
NOTICE:
- **The check should be performed with the rear seat outer belt installed.**
 - **Do not allow the anchor part of the rear seat outer belt and the protruding parts of the floor panel to overlap.**
- (1) With the belt installed, check that the belt locks when it is pulled out quickly.
 If operation is not as specified, replace the rear seat outer belt.
- (h) Remove the bolt and floor anchor.

SB

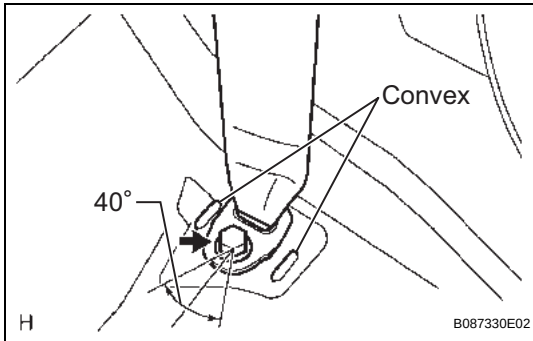


2. INSTALL QUARTER INSIDE TRIM BOARD

- (a) Engage the 2 clips and install the quarter inside trim board.
- (b) Tighten the 3 screws.



(c) Engage the claw and close the cover.

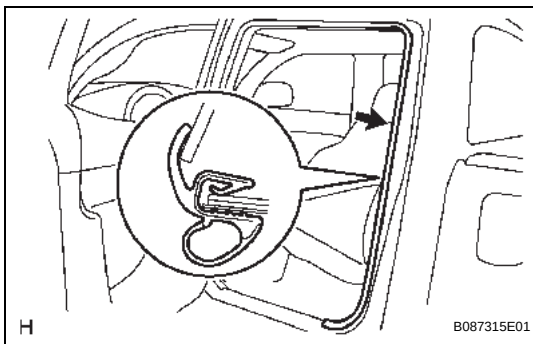


(d) Install the floor anchor of the rear seat belt outer with the bolt.

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

NOTICE:

- The check should be performed with the rear seat outer belt installed.
- Do not allow the anchor part of the rear seat outer belt and the protruding parts of the floor panel to overlap.



3. **INSTALL QUARTER TRIM LOWER PANEL** (See page [IR-25](#))

4. **INSTALL LUGGAGE COMPARTMENT SIDE TRAY** (See page [IR-25](#))

5. **INSTALL REAR DOOR OPENING TRIM WEATHERSTRIP**

(a) Install the rear door opening trim weatherstrip.

6. **INSTALL REAR DOOR SCUFF PLATE** (See page [IR-29](#))

7. **INSTALL REAR SEAT BACK HINGE SUB-ASSEMBLY** (See page [SE-77](#))

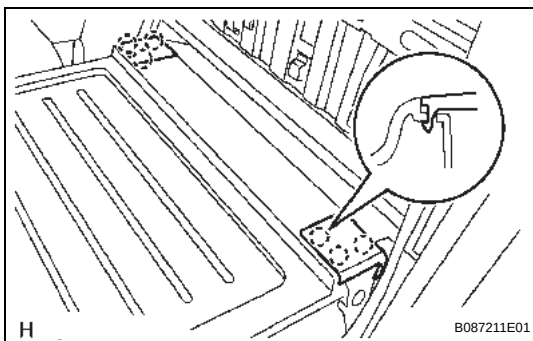
8. **INSTALL REAR SEAT BACK ASSEMBLY** (See page [SE-77](#))

9. **INSTALL REAR SEAT BACK HINGE COVER**

HINT:

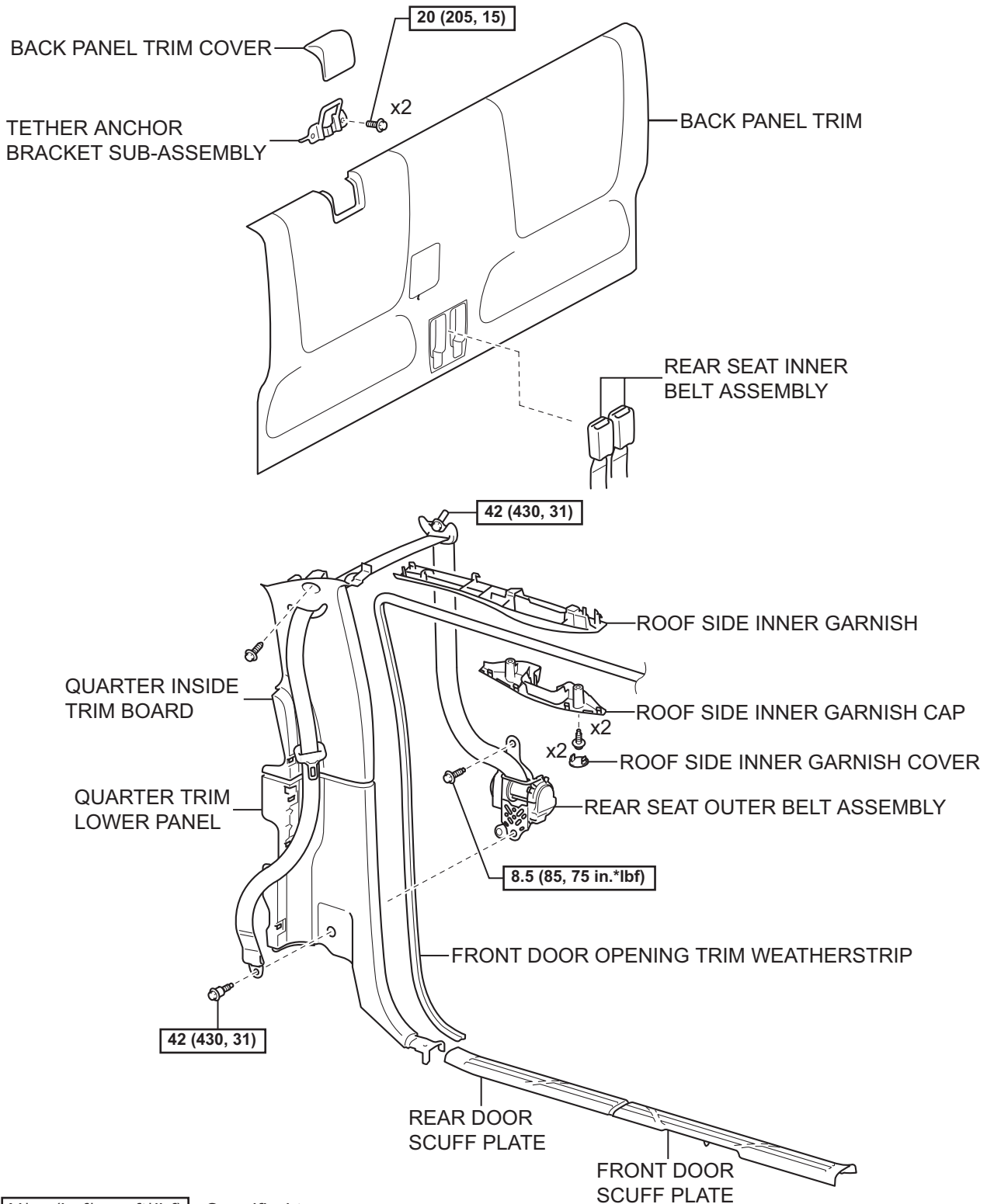
Follow the same procedure as for the opposite side.

(a) Engage the 3 claws and install the rear seat back hinge cover.



REAR SEAT OUTER BELT ASSEMBLY (for Access Cab)

COMPONENTS

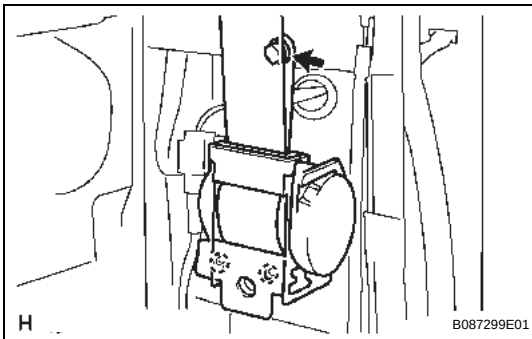
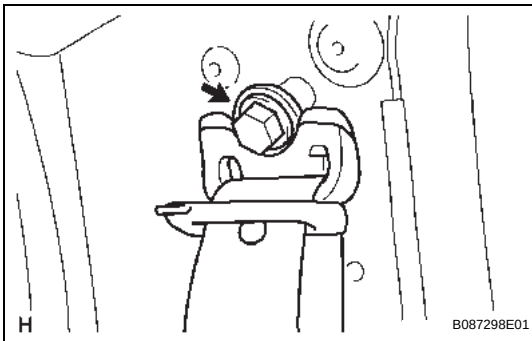
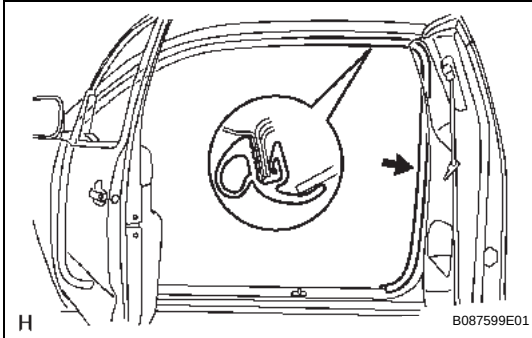


N*m (kgf*cm, ft*lbf) : Specified torque

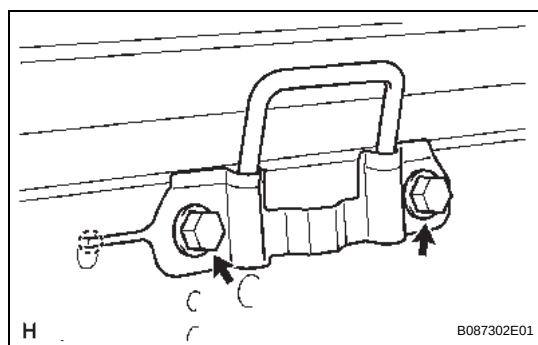
SB

REMOVAL

1. REMOVE FRONT DOOR SCUFF PLATE (See page [IR-61](#))
2. REMOVE REAR DOOR SCUFF PLATE (See page [IR-61](#))
3. REMOVE ROOF SIDE INNER GARNISH COVER (See page [IR-62](#))
4. REMOVE ROOF SIDE INNER GARNISH CAP (See page [IR-62](#))
5. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP
 - (a) Separate the front door opening trim weatherstrip to the extent which allows the removal of the roof side garnish inner, quarter trim lower panel and quarter inside trim board.
6. REMOVE BACK PANEL TRIM COVER (See page [IR-64](#))
7. REMOVE REAR SEAT INNER BELT ASSEMBLY (See page [IR-64](#))
8. REMOVE BACK PANEL TRIM (See page [IR-64](#))
9. REMOVE QUARTER TRIM LOWER PANEL (See page [IR-65](#))
10. REMOVE ROOF SIDE INNER GARNISH (See page [IR-65](#))
11. REMOVE QUARTER INSIDE TRIM BOARD (See page [IR-65](#))
12. REMOVE REAR SEAT OUTER BELT ASSEMBLY
 - (a) Remove the bolt and shoulder anchor.

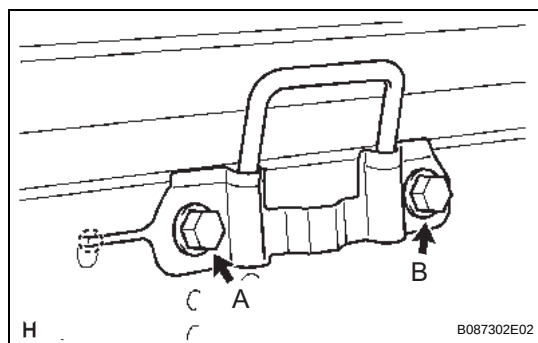


- (b) Remove the bolt and retractor.



13. REMOVE TETHER ANCHOR BRACKET SUB-ASSEMBLY

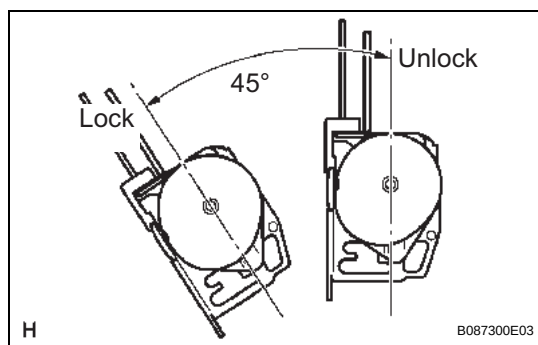
- (a) Remove the 2 bolts and tether anchor bracket.



INSTALLATION

1. INSTALL TETHER ANCHOR BRACKET SUB-ASSEMBLY

- (a) Hook the claw of the tether anchor bracket into the body hole.
 (b) Tighten bolt A, and then tighten bolt B.
Torque: 20 N*m (205 kgf*cm, 15 ft.*lbf)



2. INSTALL REAR SEAT OUTER BELT ASSEMBLY

- (a) Check the amount of inclination required to lock the retractor.
 (1) Gently incline the retractor from its initial position. Check that the belt does not lock when the retractor is inclined 15° or less in any directions. Also check the belt locks when the inclination of the retractor is 45° or more.

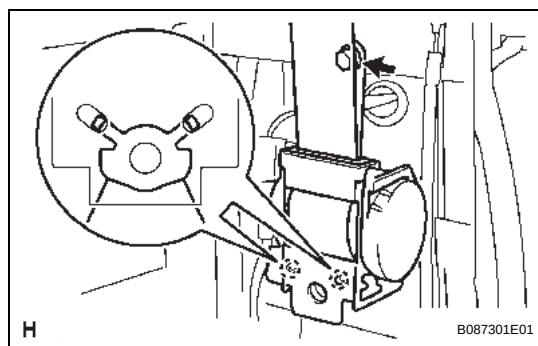
NOTICE:

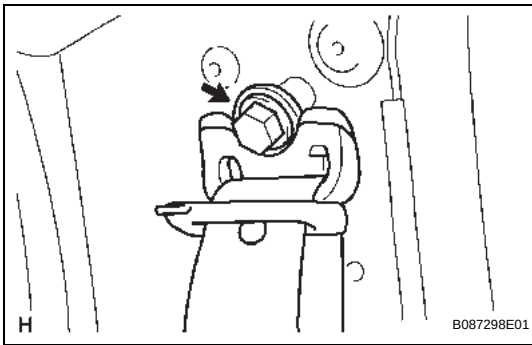
Do not disassemble the retractor.

If operation is not as specified, replace the rear seat outer belt.

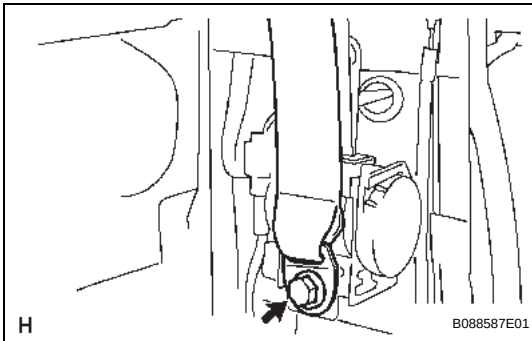
- (b) Hook the lower stay of the retractor onto the 2 body hooks.
 (c) Tighten the bolt.

Torque: 8.5 N*m (85 kgf*cm, 75 in.*lbf)





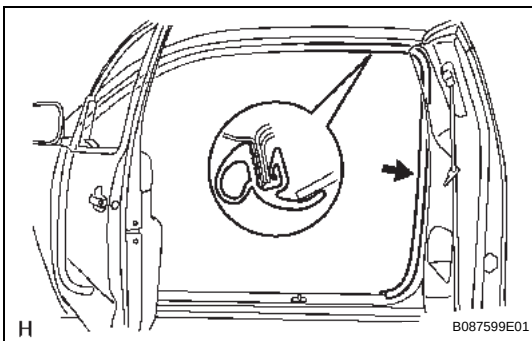
- (d) Install the shoulder anchor with the bolt.
Torque: 42 N*m (430 kgf*cm, 31 ft.*lbf)
 (e) Check that the shoulder anchor rotates smoothly.



- (f) Install the floor anchor with the bolt.
Torque: 42 N*m (430 kgf*cm, 31 ft.*lbf)
 (g) Check the ELR lock.
NOTICE:
- The check should be performed with the rear seat outer belt installed.
 - Do not allow the anchor part of the rear seat outer belt and the protruding parts of the floor panel to overlap.
- (1) With the belt installed, check that the belt locks when it is pulled out quickly.
 If operation is not as specified, replace the rear seat outer belt.

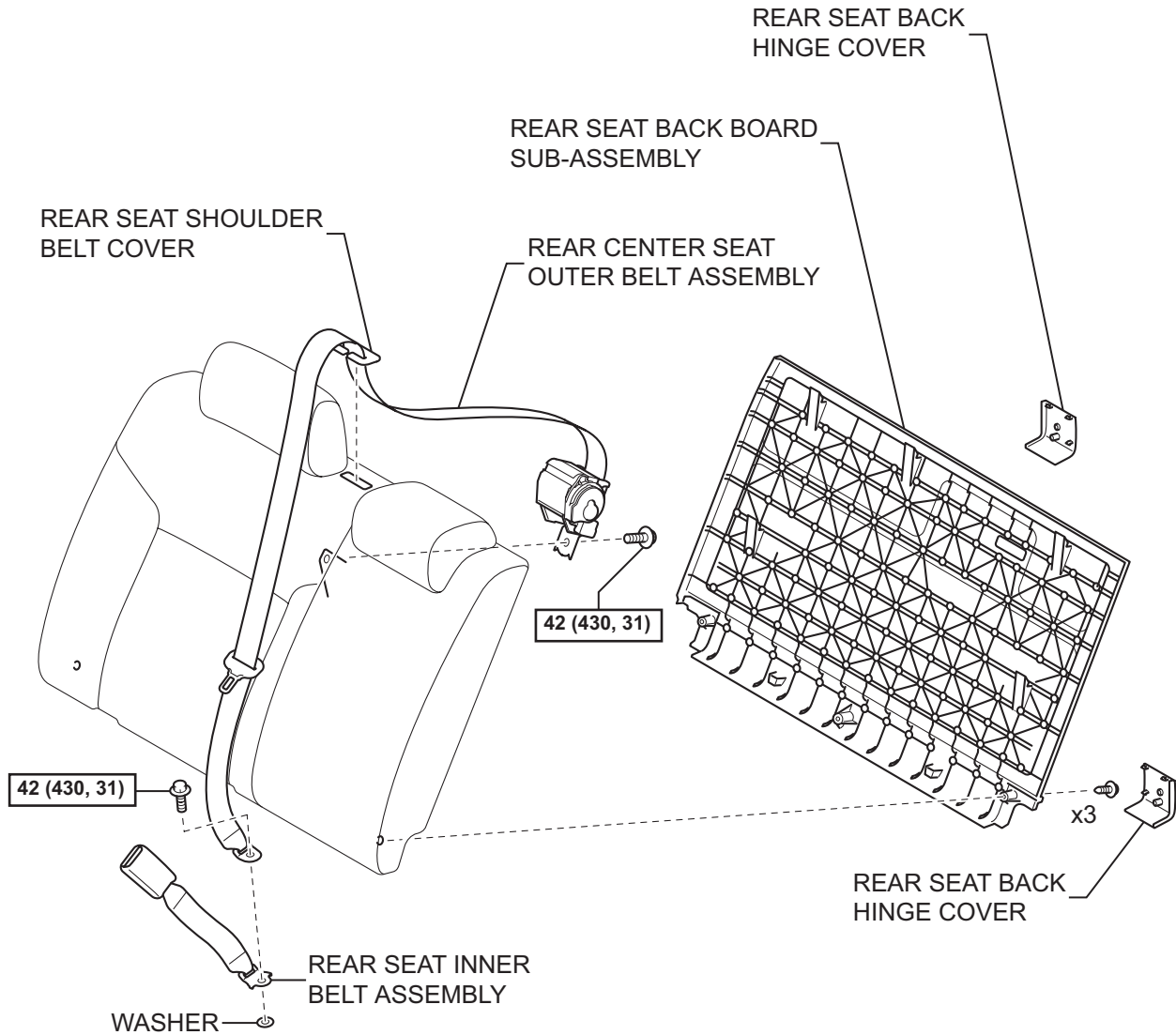
- (h) Remove the bolt and floor anchor.

3. INSTALL QUARTER INSIDE TRIM BOARD (See page [IR-71](#))
4. INSTALL ROOF SIDE INNER GARNISH (See page [IR-71](#))
5. INSTALL QUARTER TRIM LOWER PANEL (See page [IR-72](#))
6. INSTALL REAR SEAT INNER BELT ASSEMBLY (See page [IR-72](#))
7. INSTALL BACK PANEL TRIM (See page [IR-72](#))
8. INSTALL BACK PANEL TRIM COVER (See page [IR-73](#))
9. INSTALL FRONT DOOR OPENING TRIM WEATHERSTRIP
 - (a) Install the front door opening trim weatherstrip.
10. INSTALL ROOF SIDE INNER GARNISH CAP (See page [IR-75](#))
11. INSTALL ROOF SIDE INNER GARNISH COVER (See page [IR-75](#))
12. INSTALL REAR DOOR SCUFF PLATE (See page [IR-75](#))
13. INSTALL FRONT DOOR SCUFF PLATE (See page [IR-75](#))



REAR CENTER SEAT OUTER BELT ASSEMBLY (for Double Cab)

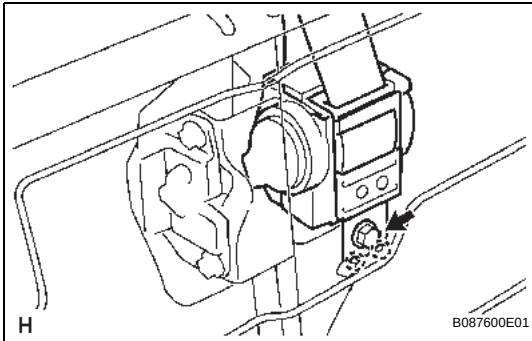
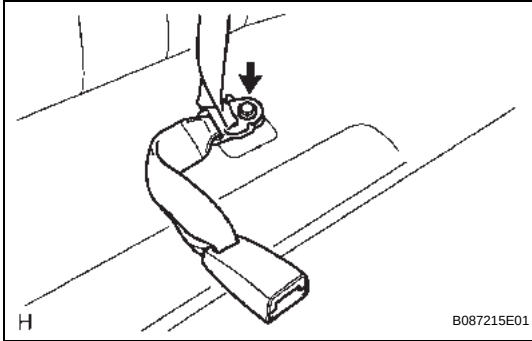
COMPONENTS



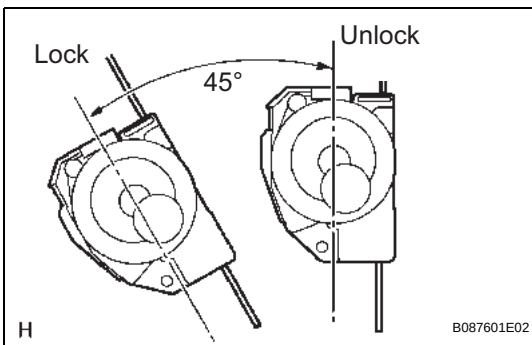
N*m (kgf*cm, ft*lb) : Specified torque

REMOVAL

1. REMOVE REAR SEAT BACK HINGE COVER (See page [SE-82](#))
2. REMOVE REAR SEAT BACK BOARD SUB-ASSEMBLY (See page [SE-84](#))
3. REMOVE REAR SEAT SHOULDER BELT COVER (See page [SE-84](#))
4. REMOVE REAR CENTER SEAT OUTER BELT ASSEMBLY
 - (a) Remove the bolt, floor anchor of the rear center seat outer belt and rear seat inner belt.



- (b) Insert the belt through the hole into the rear seat back frame.
- (c) Remove the bolt and rear center seat outer belt.

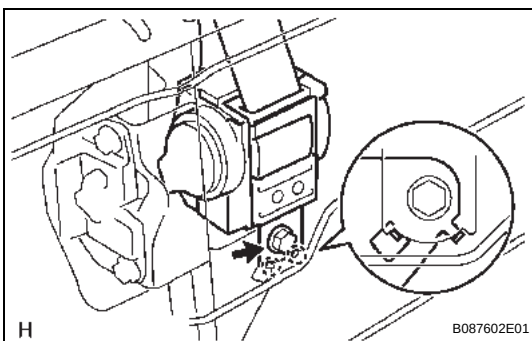


INSTALLATION

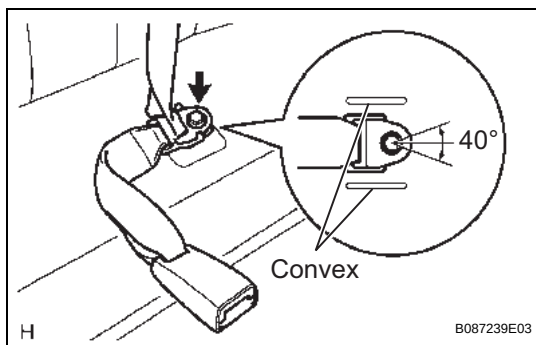
1. INSTALL REAR CENTER SEAT OUTER BELT ASSEMBLY
 - (a) Check the amount of inclination required to lock the ELR.
 - (1) Gently incline the retractor from its initial position. Check that the belt does not lock when the retractor is inclined 15° or less in any directions. Also check that the belt locks when the inclination of the retractor is 45° or more.

NOTICE:

Do not disassemble the retractor.



- (b) Align the retractor with the positioning hooks of the rear seat back frame and install the retractor with the bolt.
Torque: 42 N*m (430 kgf*cm, 31 ft.*lbf)
- (c) Insert the belt through the hole into the rear seat back frame.



- (d) Install the rear seat belt inner and floor anchor of the rear seat belt outer center with the bolts.

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

NOTICE:

- Make sure that the rear seat inner belt and floor anchor of the rear center seat outer belt are oriented in the correct direction when installing.
- Be careful not to place the rear seat inner belt (and floor anchor of the rear center seat outer belt) over the convex areas of the floor panel.

2. INSTALL REAR SEAT SHOULDER BELT COVER (See page [SE-87](#))
3. INSTALL REAR SEAT BACK BOARD SUB-ASSEMBLY (See page [SE-87](#))
4. INSTALL REAR SEAT BACK HINGE COVER (See page [SE-90](#))