

# FRONT SEAT BELT

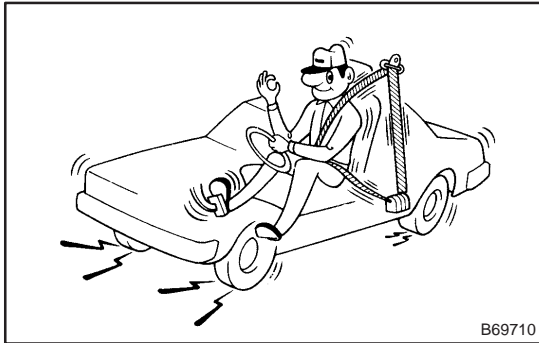
## PRECAUTION

610E8-01

### 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.



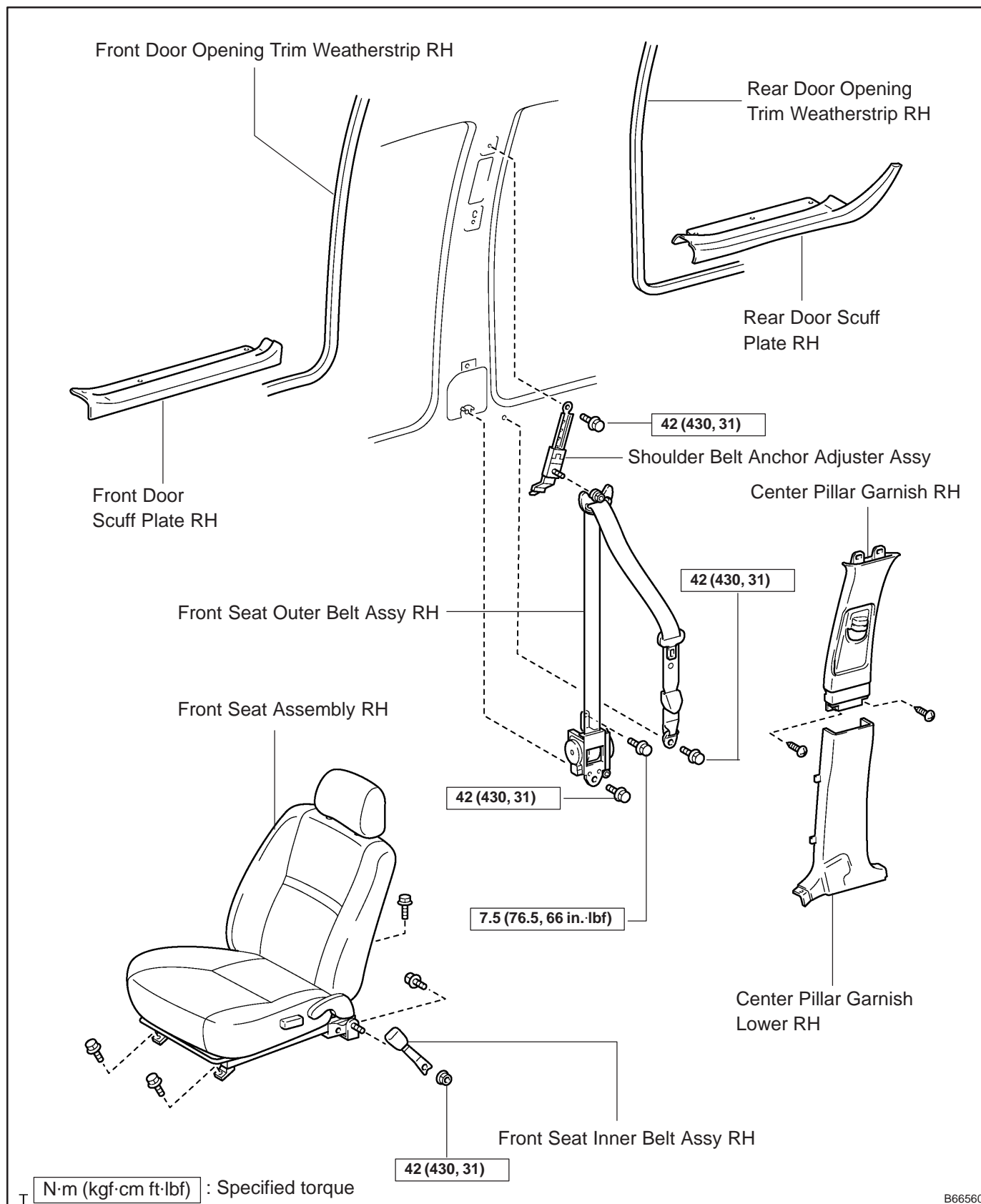
### 1. RUNNING TEST (IN SAFE AREA)

- (a) Fasten the front seat belts.
- (b) Drive the car at 16 km/h (10 mph) and slam on the brakes. Check 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 following static check. Also whenever installing a new belt assembly, verify the proper operation before installation.

## COMPONENTS



B66560

## REPLACEMENT

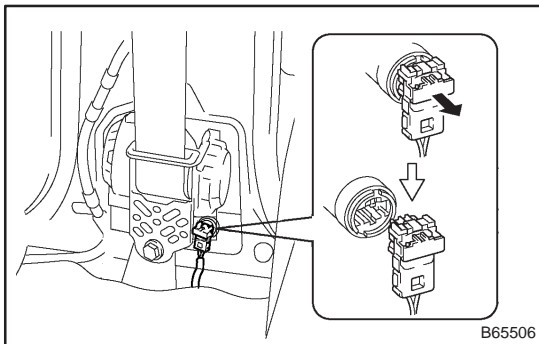
### HINT:

- The installation is in the reverse order of the removal. However, when there is a special point concerning the installation, it is indicated.
  - Use the same procedures on the LH side as on the RH side.
1. **DISCONNECT BATTERY NEGATIVE TERMINAL**
  2. **REMOVE FRONT SEAT ASSEMBLY RH**
  3. **REMOVE FRONT SEAT INNER BELT ASSY RH**
  4. **REMOVE FRONT DOOR SCUFF PLATE RH (See page 76-36, 76-45, 76-54)**
  5. **REMOVE REAR DOOR SCUFF PLATE RH (See page 76-36, 76-45, 76-54)**
  6. **REMOVE FRONT DOOR WEATHERSTRIP RH**
  7. **REMOVE REAR DOOR WEATHERSTRIP RH**
  8. **REMOVE CENTER PILLAR GARNISH LOWER RH (See page 76-36, 76-45, 76-54)**
  9. **REMOVE CENTER PILLAR GARNISH UPPER RH (See page 76-36, 76-45, 76-54)**

### 10. REMOVE FRONT SEAT OUTER BELT ASSY RH

#### NOTICE:

- Removal operation concerning the seat belt with the pretensioner must be started when 90 seconds or more time has passed after the ignition switch is turned OFF and the battery negative terminal is disconnected.
  - Carefully read the notices for the "pretensioner" in the SRS airbag system section and the front seat outer belt assy section.
- (a) Remove the nut and the outer belt on the shoulder anchor side.



- (b) Disconnect the pretensioner connector, as shown in the illustration.
- (c) Remove the 2 bolts on the retractor side and thoroughly remove the outer belt.

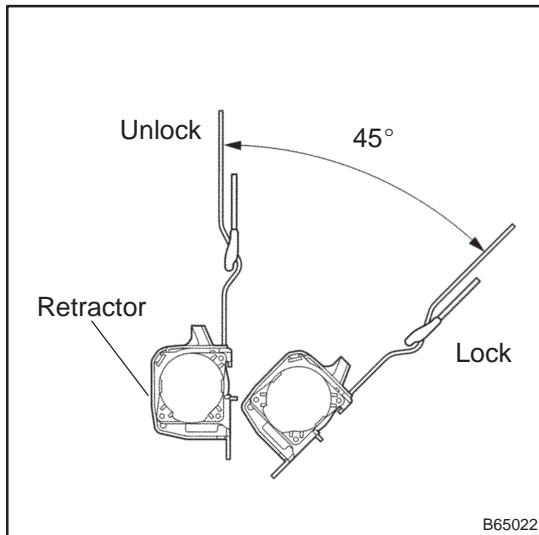
### 11. REMOVE FRONT SHOULDER BELT ANCHOR ADJUSTER ASSY

- (a) Remove the bolt and anchor adjuster.

### 12. INSTALL FRONT SHOULDER BELT ANCHOR ADJUSTER ASSY

- (a) Install the adjuster with the bolt.

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



### 13. INSTALL FRONT SEAT OUTER BELT ASSY RH

#### NOTICE:

**Do not disassemble the retractor.**

- (a) Check the degree of tilt when beginning to lock the ELR.
  - (1) Check that the belt does not lock within 15° of tilt in all directions but locks with over 45° of tilt when gently moving the retractor.

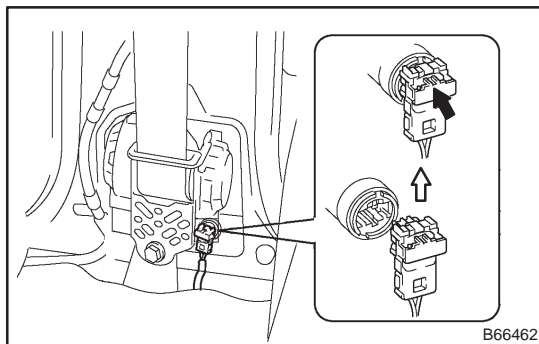
If operation is not as specified, replace the outer belt assy.

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

#### Torque:

**7.5 N·m (76.5 kgf·cm, 66 in·lbf) for upper bolt**

**42 N·m (430 kgf·cm, 31 ft·lbf) for lower bolt**



- (c) Connect the pretensioner connector, as shown in the illustration.
- (d) Install the outer belt with the nut on the shoulder anchor side.

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

- (e) Install the outer belt with the bolt on the floor anchor side.

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

- (f) Install the floor anchor cover.
- (g) Check the ELR lock.

#### NOTICE:

**The check should be performed with the assembly installed.**

- (1) Check that the belt locks by pulling it out quickly after installation.

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

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

#### NOTICE:

**The check should be performed with the assembly installed.**

- (1) Check that the belt cannot be pulled out any more but rewinds after being pulled out fully.
- (2) Check that the belt can be pulled out and rewound after the belt has been fully rewound.

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

### 14. INSTALL FRONT SEAT INNER BELT ASSY RH

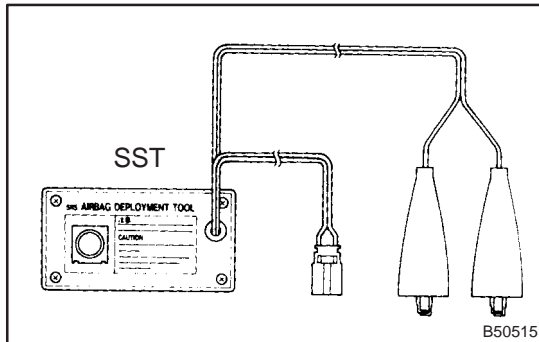
- (a) Install the inner belt with the nut.

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

## DISPOSAL

### HINT:

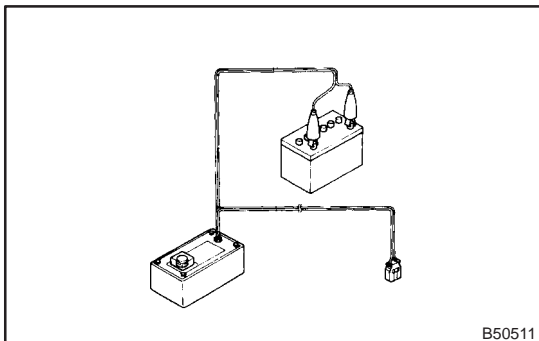
When scrapping vehicles equipped with a seat belt pretensioner or disposing of a front seat outer belt (with seat belt pretensioner), always first activate the seat belt pretensioner in accordance with the procedures described below. If any abnormality occurs in activation of the seat belt pretensioner, contact the SERVICE DEPT. of the DISTRIBUTOR. When disposing of a front seat outer belt assy (with seat belt pretensioner) that was activated in a collision, follow the same procedure listed in step 1-(e) in "DISPOSAL".



### CAUTION:

- Never dispose of a front seat outer belt assy with an inactivated pretensioner.
- The seat belt pretensioner produces a sizeable exploding sound when it activates, so perform the operation outdoors so as not to disturb nearby residents.
- When activating a front seat outer belt (with seat belt pretensioner), control operation 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, etc. to a front seat outer belt with an activated pretensioner.
- When activating the seat belt pretensioner, always use the specified SST (SRS airbag deployment tool). Perform operation in a place away from electrical interference.

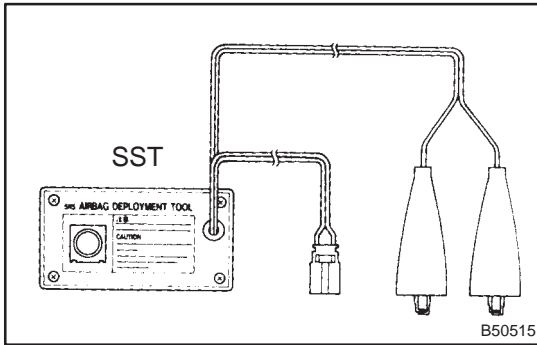
SST 09082-00700



### 1. DISPOSE OF FRONT SEAT OUTER BELT ASSY RH (WHEN INSTALLED IN VEHICLE)

#### HINT:

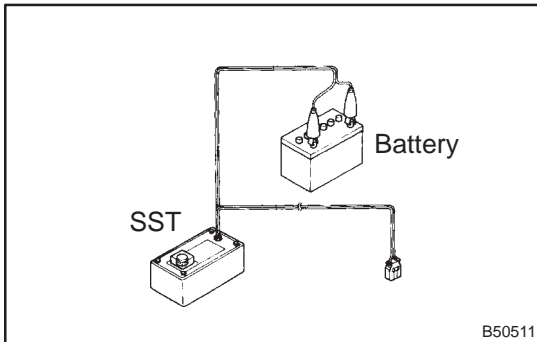
Check that the battery positive voltage is above 12 V.



- (a) Check the functioning of SST.  
SST 09082-00700, 09082-00770

**CAUTION:**

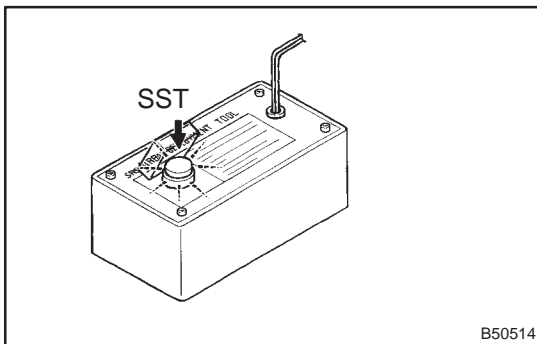
When activating the seat belt pretensioner, always use the specified SST.



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

**HINT:**

Do not connect the yellow connector which should be connected to the seat belt pretensioner.



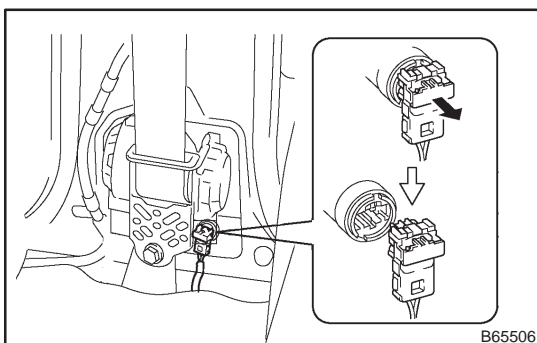
- (2) Press the SST activation switch and check that the LED of the SST activation switch lights up.

**CAUTION:**

If the LED lights up when the activation switch is not pressed, the SST may have a malfunction, in which case that SST should be used.

- (b) Disconnect the SST from the battery.  
(c) Disconnect the pretensioner connector.

- (1) Disconnect the battery negative (-) terminal.
- (2) Check the SRS airbag system (See page 60-1).
- (3) Remove the front door scuff plate RH (See page 76-36, 76-45, 76-54).
- (4) Remove the rear door scuff plate RH (See page 76-36, 76-45, 76-54).
- (5) Remove the front door weatherstrip RH.
- (6) Remove the rear door weatherstrip RH.
- (7) Remove the center pillar garnish lower RH (See page 76-36, 76-45, 76-54).

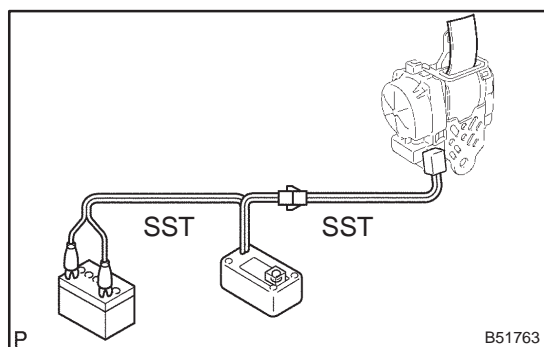


- (8) Disconnect the pretensioner connector, as shown in the illustration.

- (d) Connect SST.

SST 09082-00700, 09082-00770

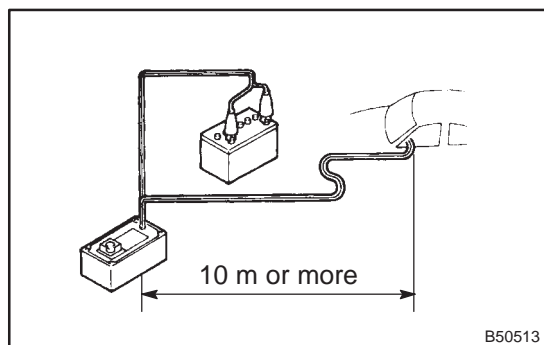
- (1) Install the floor anchor of the seat belt.



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

**NOTICE:**

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



- (3) Move the 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 the SST wire harness.

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

- (e) Activate the seat belt pretensioner.

- (1) Confirm that no one is inside the vehicle or within 10 m (33 ft) of the vehicle.  
 (2) Press the SST activation switch and activate the seat belt pretensioner.

**HINT:**

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

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

**CAUTION:**

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

**HINT:**

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

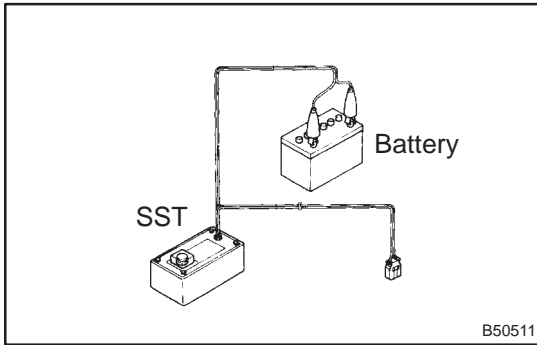
**2. DISPOSE OF FRONT SEAT OUTER BELT ASSY RH (WHEN NOT INSTALLED IN VEHICLE)****NOTICE:**

- When disposing of the front seat outer belt (with the seat belt pretensioner) only, 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.

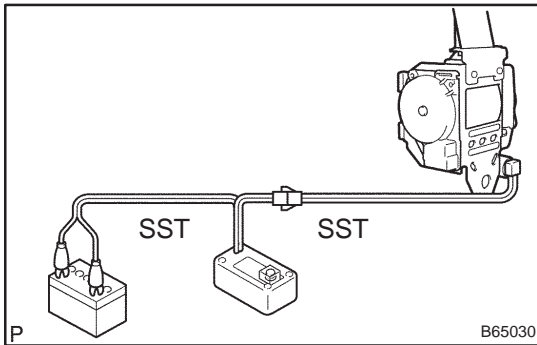
- (a) Remove the outer belt ([See page 61-7](#)).

**HINT:**

Cut the belt near the seat belt retractor.



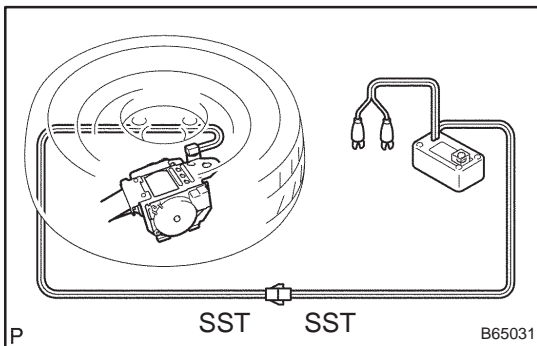
- (b) Check the functioning of SST (See step 1-(a)).  
SST 09082-00700, 09082-00770



- (c) Connect SST.  
SST 09082-00700, 09082-00770  
(1) Connect SST, then connect them to the seat belt pretensioner.

**NOTICE:**

To avoid damaging the 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 wheel and tire.

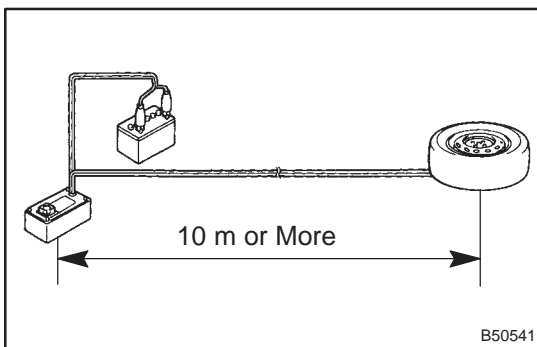
**NOTICE:**

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

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

**NOTICE:**

Take care not to damage the SST wire harness.



- (d) Activate the seat belt pretensioner.  
(1) Connect the SST 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 the SST activation switch and activate the seat belt pretensioner.

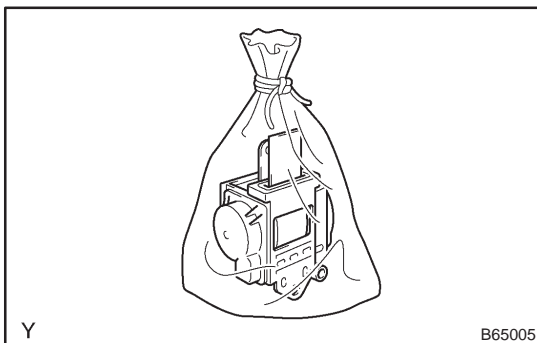
**HINT:**

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

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

**CAUTION:**

- The outer belt assy is very hot when the seat belt pretensioner is activated, so leave it untouched for at least 30 minutes after it has been activated.
- Use gloves and safety glasses when handling the outer belt with the pretensioner that has been activated.
- Always wash your hands with water after completing operation.

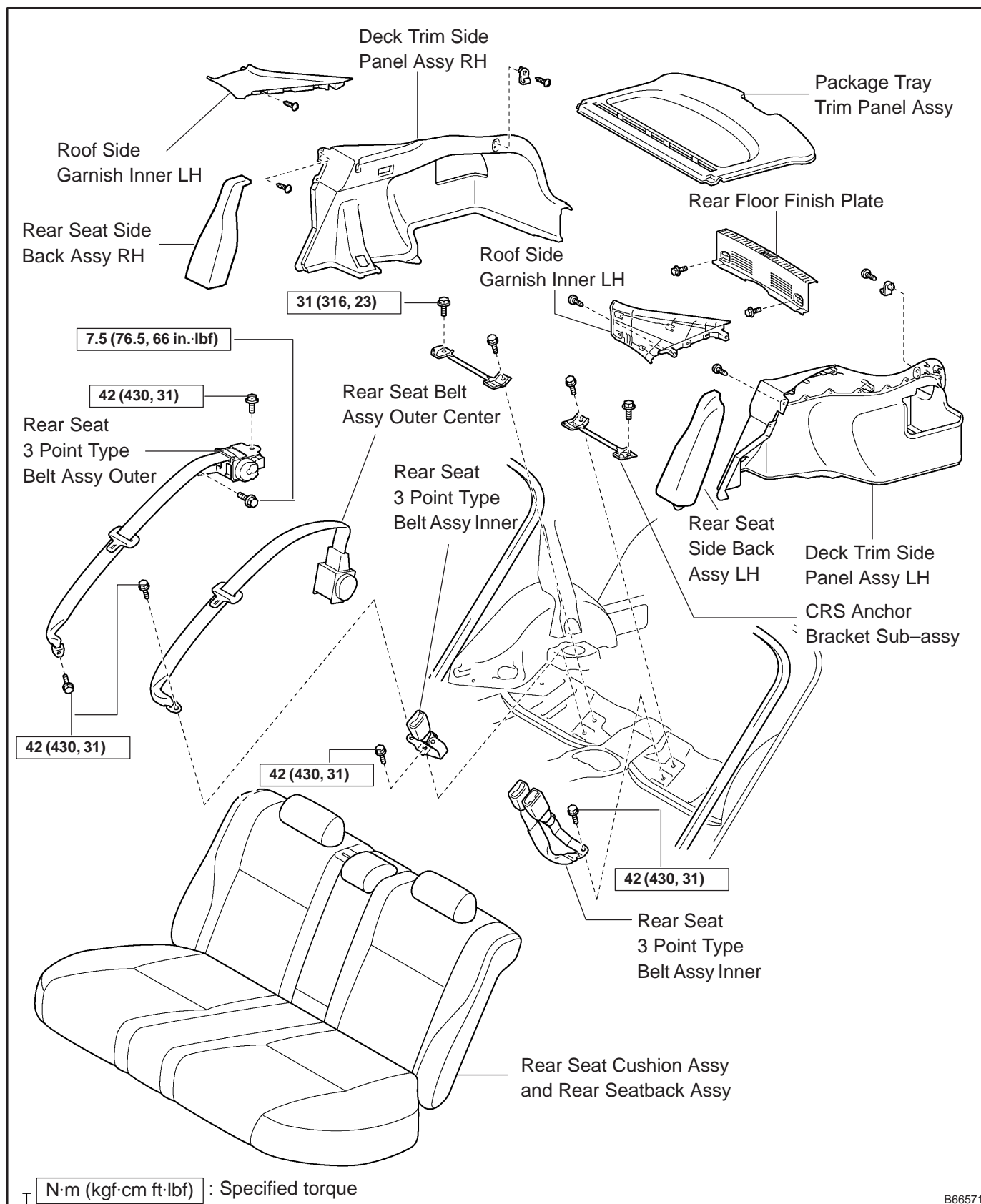




- **Do not apply water, etc. to an outer belt with the pretensioner that has been activated.**
  - (1) Remove the wheel and SST.
  - (2) Place the outer belt in a plastic bag, tie the end tightly and dispose of it in the same way as other general parts.

# REAR SEAT BELT (LIFTBACK MODELS) COMPONENTS

610E9-01



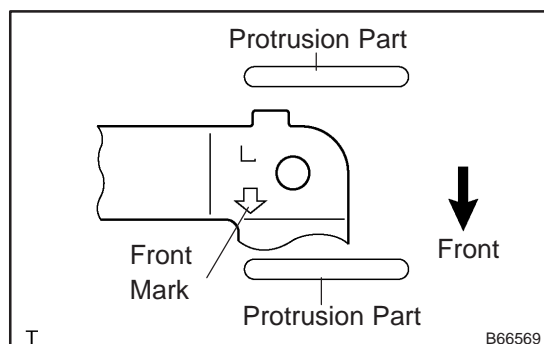
B66571

## REPLACEMENT

### HINT:

- The installation is in the reverse order of the removal. However, when there is a special point concerning the installation, it is indicated.
  - Use the same procedures on the LH side as on the RH side.
1. **REMOVE REAR DOOR SCUFF PLATE RH** (See page 76-45)
  2. **REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP RH**
  3. **REMOVE REAR SEAT ASSY** (See page 72-21)
  4. **REMOVE PACKAGE TRAY TRIM PANEL ASSY** (See page 76-45)
  5. **REMOVE BACK DOOR WEATHERSTRIP**
  6. **REMOVE REAR FLOOR FINISH PLATE** (See page 76-45)
  7. **REMOVE ROOF SIDE GARNISH INNER RH** (See page 76-45)
  8. **REMOVE DECK TRIM SIDE PANEL ASSY RH** (See page 76-45)
  9. **REMOVE REAR SEAT 3 POINT TYPE BELT ASSY OUTER**
    - (a) Remove the bolt and belt on the floor anchor side.
    - (b) Remove the 2 bolts and belt on the retractor side.
  10. **REMOVE REAR SEAT BELT ASSY OUTER CENTER**
    - (a) Remove the rear seatback board RH (See page 72-21).
    - (b) Remove the rear seat shoulder belt cover (See page 72-21).
    - (c) Remove the bolt on the retractor side and remove the belt completely.
    - (d) Remove the bolt and belt assy outer center on the floor anchor side.
  11. **REMOVE REAR SEAT 3 POINT TYPE BELT ASSY INNER**
    - (a) Remove the bolt and belt.
  12. **REMOVE REAR SEAT 3 POINT TYPE BELT ASSY INNER**
    - (a) Remove the bolt and belt.
  13. **REMOVE CHILD RESTRAINT SEAT ANCHOR BRACKET SUB-ASSY RH**
    - (a) Remove the 2 bolts and anchor bracket.
  14. **INSTALL CHILD RESTRAINT SEAT ANCHOR BRACKET SUB-ASSY RH**
    - (a) Install the child restraint seat anchor bracket with the 2 bolts.

**Torque: 31 N·m (316 kgf·cm, 23 ft·lbf)**



### 15. INSTALL REAR SEAT 3 POINT TYPE BELT ASSY INNER

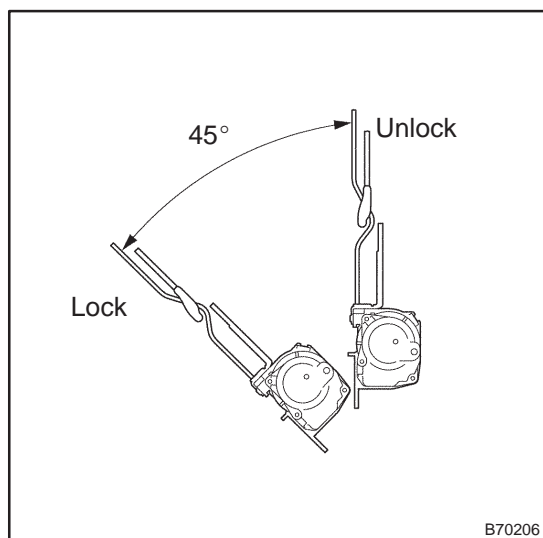
- (a) Install the belt with the bolt as shown in the illustration.  
**Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)**

#### NOTICE:

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

### 16. INSTALL REAR SEAT BELT ASSY OUTER CENTER

- (a) Install the belt with the bolt on the retractor side.  
**Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)**



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

**NOTICE:**

**Do not disassemble the retractor.**

- (1) Check that the belt does not lock within 15° of tilt in all directions but locks with over 45° of tilt when gently moving the retractor.

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

- (c) Install the belt with the bolt on the floor anchor side.

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

- (d) Check the ELR lock.

**NOTICE:**

**The check should be performed with the assembly installed.**

- (1) Check that the belt locks by pulling it out quickly after installation.

**HINT:**

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

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

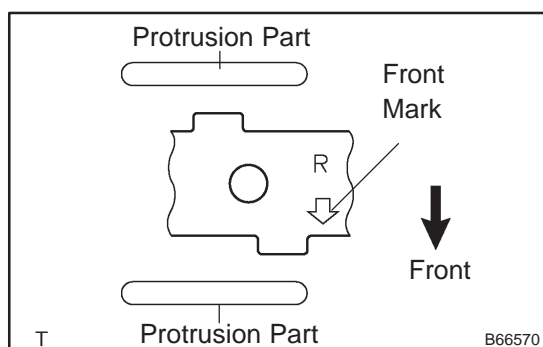
- (e) Check the fastening function of the child restraint system.

**NOTICE:**

**The check should be performed with the assembly installed.**

- (1) Check that the belt cannot be pulled out any more but rewinds after being pulled out fully.  
(2) Check that the belt can be pulled out and rewound after the belt has been fully rewound.

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



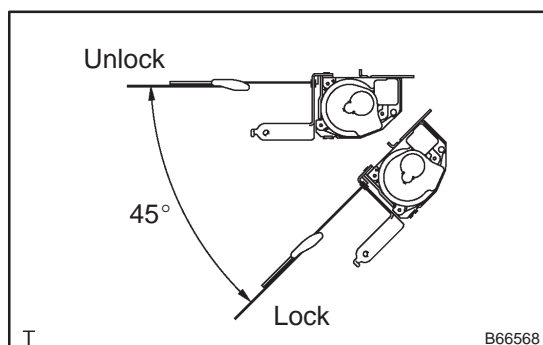
## 17. INSTALL REAR SEAT 3 POINT TYPE BELT ASSY INNER

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

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

**NOTICE:**

**Makesure that the anchor part does not run onto the protrusion part of the floor panel.**



## 18. INSTALL REAR SEAT 3 POINT TYPE BELT ASSY OUTER

- (a) Install the belt with the bolt on the retractor side.

**Torque:**

**7.5 N·m (76.5 kgf·cm, 66 in·lbf) for front bolt**

**42 N·m (430 kgf·cm, 31 ft·lbf) for upper bolt**

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

**NOTICE:**

**Do not disassemble the retractor.**

- (1) Check that the belt does not lock within 15° of tilt in all directions but locks with over 45° of tilt when gently moving the retractor.

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

- (c) Install the belt with the bolt on the floor anchor side.

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

**NOTICE:**

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

- (1) Check that the belt locks by pulling it out quickly after installation.

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

- (d) Check the ELR lock.

**NOTICE:**

**The check should be performed with the assembly installed.**

- (1) Check that the belt locks by pulling it out quickly after installation.

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

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

**NOTICE:**

**The check should be performed with the assembly installed.**

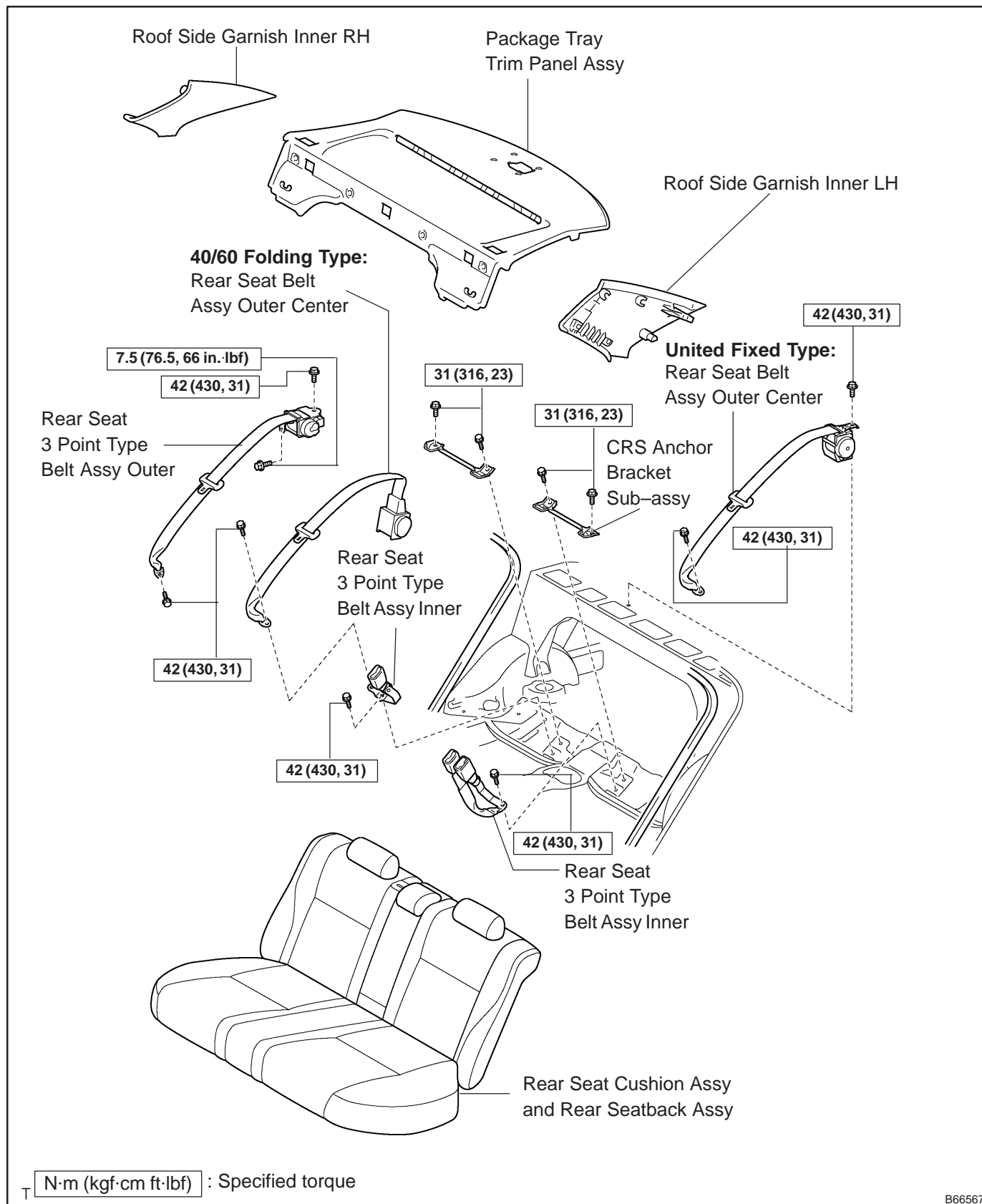
- (1) Check that the belt cannot be pulled out any more but rewinds after being pulled out fully.
- (2) Check that the belt can be pulled out and rewound after the belt has been fully rewound.

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

## 19. INSTALL REAR SEAT ASSY (See page 72-21)

# REAR SEAT BELT (SEDAN MODELS) COMPONENTS

610CP-02

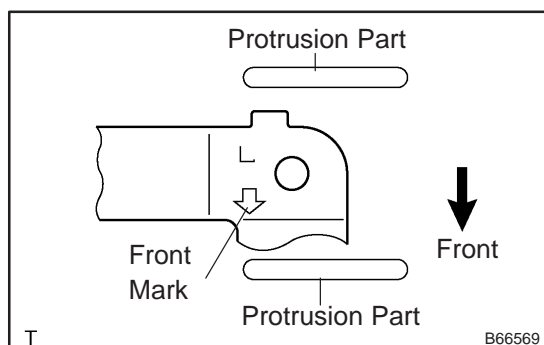


B66567

## REPLACEMENT

### HINT:

- The installation is in the reverse order of the removal. However, when there is a special point concerning the installation, it is indicated.
  - Use the same procedures on the LH side as on the RH side.
1. **REMOVE REAR DOOR SCUFF PLATE RH** (See page 76-36)
  2. **REMOVE REAR DOOR SCUFF PLATE LH** (See page 76-36)
  3. **REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP RH**
  4. **REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP LH**
  5. **REMOVE REAR SEAT ASSY** (See page 72-27, 72-32)
  6. **REMOVE ROOF SIDE GARNISH INNER RH** (See page 76-36)
  7. **REMOVE ROOF SIDE GARNISH INNER LH** (See page 76-36)
  8. **REMOVE PACKAGE TRAY TRIM PANEL ASSY** (See page 76-36)
  9. **REMOVE REAR SEAT 3 POINT TYPE BELT ASSY OUTER**
    - (a) Remove the bolt and belt on the floor anchor side.
    - (b) Remove the 2 bolts and belt on the retractor side.
  10. **REMOVE REAR SEAT BELT ASSY OUTER CENTER**
    - (a) United fixed type:  
Remove the bolt and belt on the floor anchor side.
    - (b) United fixed type:  
Remove the bolt and belt on the retractor side.
    - (c) 40/60 folding type:  
Remove the rear seatback board RH (See page 72-27).
    - (d) 40/60 folding type:  
Remove the rear seat shoulder belt cover (See page 72-27).
    - (e) 40/60 folding type:  
Remove the bolt on the retractor side and remove the belt completely.
    - (f) Remove the bolt and belt outer center on the floor anchor side.
  11. **REMOVE REAR SEAT 3 POINT TYPE BELT ASSY INNER**
    - (a) Remove the bolt and belt.
  12. **REMOVE REAR SEAT 3 POINT TYPE BELT ASSY INNER**
    - (a) Remove the bolt and belt.
  13. **REMOVE CHILD RESTRAINT SEAT ANCHOR BRACKET SUB-ASSY RH**
    - (a) Remove the 2 bolts and anchor bracket.
  14. **INSTALL CHILD RESTRAINT SEAT ANCHOR BRACKET SUB-ASSY RH**
    - (a) Install the child restraint seat anchor bracket with the 2 bolts.  
**Torque: 31 N·m (316 kgf·cm, 23 ft·lbf)**



### 15. INSTALL REAR SEAT 3 POINT TYPE BELT ASSY INNER

- (a) Install the belt assy with the bolt as shown in the illustration.

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

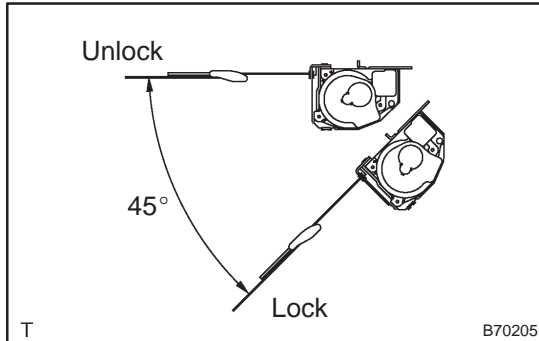
#### NOTICE:

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

### 16. INSTALL REAR SEAT BELT ASSY OUTER CENTER (UNITED FIXED TYPE REAR SEAT)

- (a) Install the belt with the bolt on the retractor side.

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



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

**NOTICE:**

**Do not disassemble the retractor.**

- (1) Check that the belt does not lock within 15° of tilt in all directions but locks with over 45° of tilt when gently moving the retractor.

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

- (c) Install the belt with the bolt on the floor anchor side.

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

- (d) Check the ELR lock.

**NOTICE:**

**The check should be performed with the assembly installed.**

- (1) Check that the belt locks by pulling it out quickly after installation.

**HINT:**

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

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

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

**NOTICE:**

**The check should be performed with the assembly installed.**

- (1) Check that the belt cannot be pulled out any more but rewinds after being pulled out fully.  
 (2) Check that the belt can be pulled out and rewound after the belt has been fully rewound.

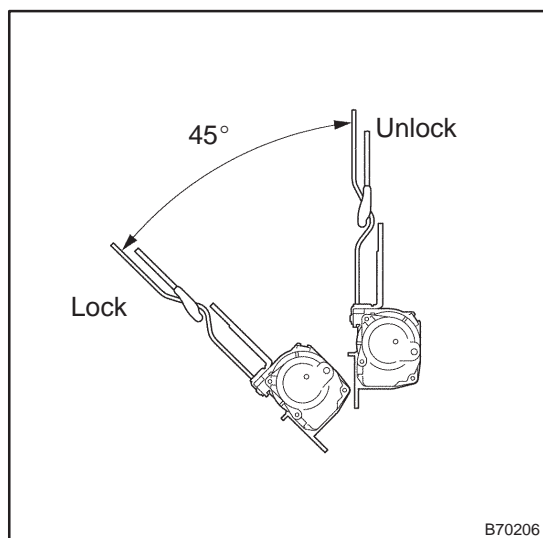
If operation is not as specified, replace the belt assy.

**17. INSTALL REAR SEAT BELT ASSY OUTER CENTER (40/60 FOLDING TYPE REAR SEAT)**

- (a) Install the belt assy with the bolt on the retractor side.

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





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

**NOTICE:**

**Do not disassemble the retractor.**

- (1) Check that the belt does not lock within 15° of tilt in all directions but locks with over 45° of tilt when gently moving the retractor.

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

- (c) Install the belt with the bolt on the floor anchor side.

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

- (d) Check the ELR lock.

**NOTICE:**

**The check should be performed with the assembly installed.**

- (1) Check that the belt locks by pulling it out quickly after installation.

**HINT:**

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

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

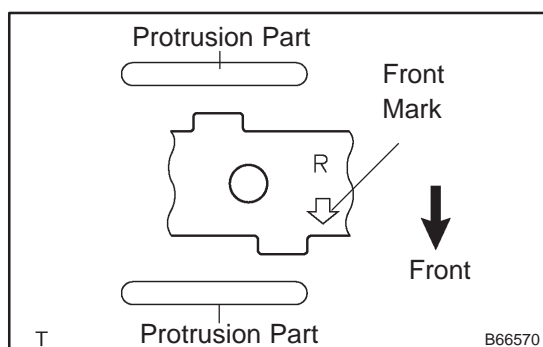
- (e) Check the fastening function of the child restraint system.

**NOTICE:**

**The check should be performed with the assembly installed.**

- (1) Check that the belt cannot be pulled out any more but rewinds after being pulled out fully.  
(2) Check that the belt can be pulled out and rewound after the belt has been fully rewound.

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



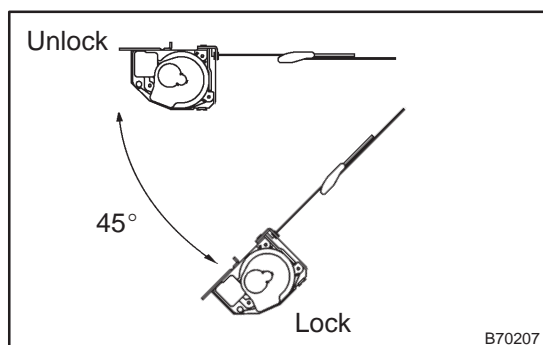
## 18. INSTALL REAR SEAT 3 POINT TYPE BELT ASSY INNER

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

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

**NOTICE:**

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



## 19. INSTALL REAR SEAT 3 POINT TYPE BELT ASSY OUTER

- (a) Install the belt with the bolt on the retractor side.

**Torque:**

**7.5 N·m (76.5 kgf·cm, 66 in·lbf) for front bolt**

**42 N·m (430 kgf·cm, 31 ft·lbf) for upper bolt**

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

**NOTICE:**

**Do not disassemble the retractor.**

- (1) Check that the belt does not lock within 15° of tilt in all directions but locks with over 45° of tilt when gently moving the retractor.

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

- (c) Install the belt with the bolt on the floor anchor side.

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

**NOTICE:**

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

- (1) Check that the belt locks by pulling it out quickly after installation.

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

- (d) Check the ELR lock.

**NOTICE:**

**The check should be performed with the assembly installed.**

- (1) Check that the belt locks by pulling it out quickly after installation.

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

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

**NOTICE:**

**The check should be performed with the assembly installed.**

- (1) Check that the belt cannot be pulled out any more but rewinds after being pulled out fully.
- (2) Check that the belt can be pulled out and rewound after the belt has been fully rewound.

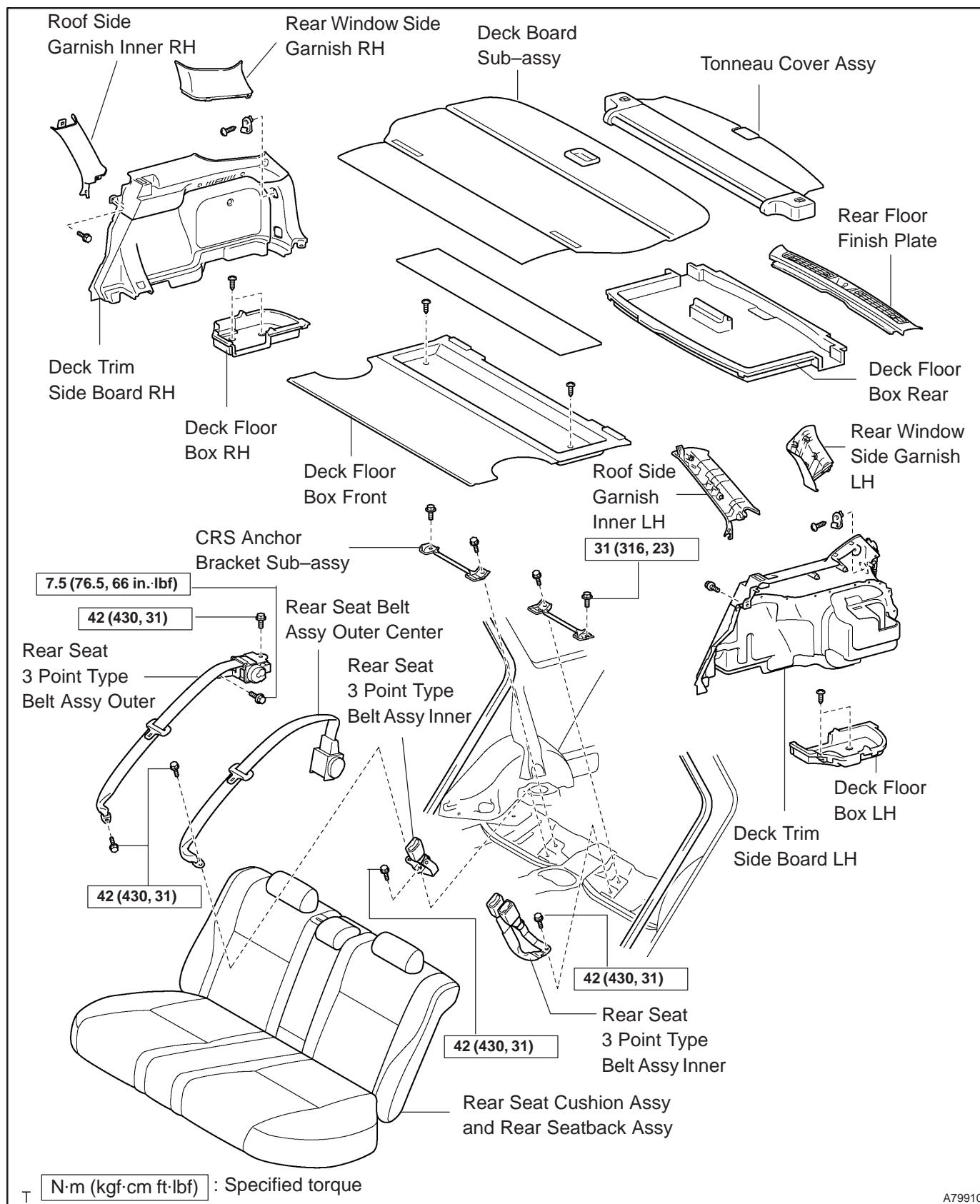
If operation is not as specified, replace the belt assy.

**20. INSTALL REAR SEAT ASSY (See page 72-27, 72-32)**

# REAR SEAT BELT (WAGON MODELS)

## COMPONENTS

610EB-01

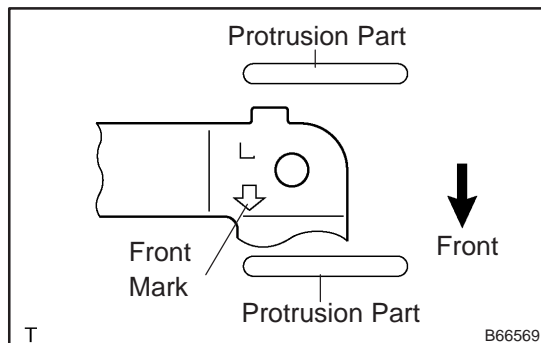


A79910

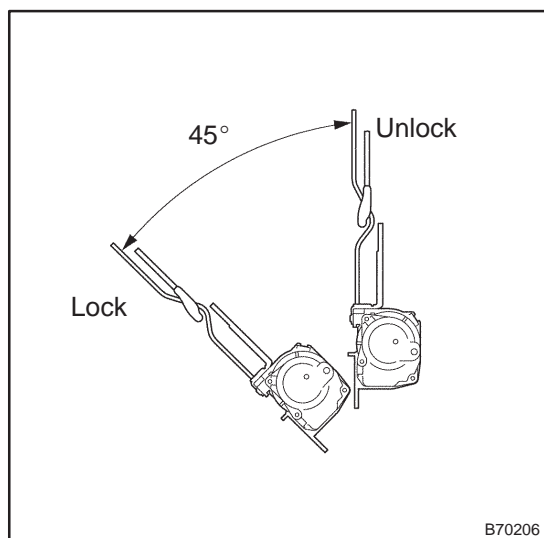
## REPLACEMENT

### HINT:

- The installation is in the reverse order of the removal. However, when there is a special point concerning the installation, it is indicated.
  - Use the same procedures on the LH side as on the RH side.
1. **REMOVE REAR DOOR SCUFF PLATE RH** (See page 76-54)
  2. **REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP RH**
  3. **REMOVE REAR SEAT ASSY** (See page 72-21)
  4. **REMOVE TONNEAU COVER ASSY**
  5. **REMOVE BACK DOOR WEATHERSTRIP**
  6. **REMOVE DECK BOARD SUB-ASSY** (See page 76-54)
  7. **REMOVE DECK FLOOR BOX REAR** (See page 76-54)
  8. **REMOVE DECK FLOOR BOX FRONT** (See page 76-54)
  9. **REMOVE DECK FLOOR BOX RH** (See page 76-54)
  10. **REMOVE REAR FLOOR FINISH PLATE** (See page 76-54)
  11. **REMOVE DECK TRIM SIDE BOARD RH** (See page 76-54)
  12. **REMOVE REAR SEAT 3 POINT TYPE BELT ASSY OUTER**
    - (a) Remove the bolt and belt on the floor anchor side.
    - (b) Remove the 2 bolts and belt on the retractor side.
  13. **REMOVE REAR SEAT BELT ASSY OUTER CENTER**
    - (a) Remove the rear seatback board RH (See page 72-21).
    - (b) Remove the rear seat shoulder belt cover (See page 72-21).
    - (c) Remove the bolt on the retractor side and remove the belt outer center completely.
    - (d) Remove the bolt and belt outer center on the floor anchor side.
  14. **REMOVE REAR SEAT 3 POINT TYPE BELT ASSY INNER**
    - (a) Remove the bolt and belt.
  15. **REMOVE REAR SEAT 3 POINT TYPE BELT ASSY INNER**
    - (a) Remove the bolt and belt.
  16. **REMOVE CHILD RESTRAINT SEAT ANCHOR BRACKET SUB-ASSY RH**
    - (a) Remove the 2 bolts and anchor bracket.
  17. **INSTALL CHILD RESTRAINT SEAT ANCHOR BRACKET SUB-ASSY RH**
    - (a) Install the child restraint seat anchor bracket with the 2 bolts.
- Torque: 31 N·m (316 kgf·cm, 23 ft·lbf)**



18. **INSTALL REAR SEAT 3 POINT TYPE BELT ASSY INNER**
    - (a) Install the belt with the bolt as shown in the illustration.  
**Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)**
- NOTICE:**
- **Makesure that the anchor part does not run onto the protrusion part of the floor panel.**
  - **Do not disassemble the retractor.**
19. **INSTALL REAR SEAT BELT ASSY OUTER CENTER**
    - (a) Install the belt with the bolt on the retractor side.  
**Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)**



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

**NOTICE:**

**Do not disassemble the retractor.**

- (1) Check that the belt does not lock within 15° of tilt in all directions but locks with over 45° of tilt when gently moving the retractor.

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

- (c) Install the belt with the bolt on the floor anchor side.

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

- (d) Check the ELR lock.

**NOTICE:**

**The check should be performed with the assembly installed.**

- (1) Check that the belt locks by pulling it out quickly after installation.

**HINT:**

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

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

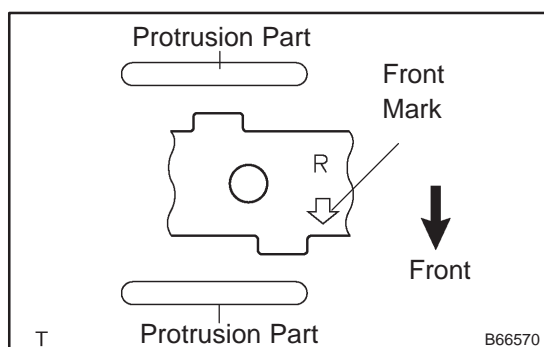
- (e) Check the fastening function of the child restraint system.

**NOTICE:**

**The check should be performed with the assembly installed.**

- (1) Check that the belt cannot be pulled out any more but rewinds after being pulled out fully.  
(2) Check that the belt can be pulled out and rewind after the belt has been fully rewound.

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



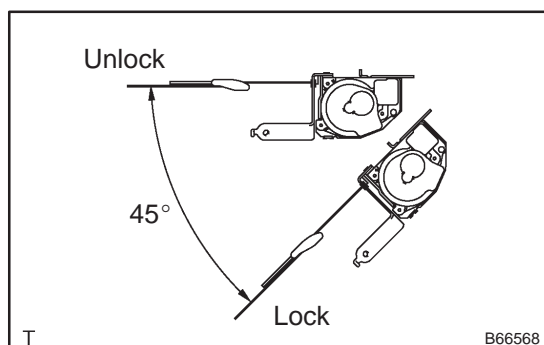
## 20. INSTALL REAR SEAT 3 POINT TYPE BELT ASSY INNER

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

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

**NOTICE:**

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



## 21. INSTALL REAR SEAT 3 POINT TYPE BELT ASSY OUTER

- (a) Install the belt with the bolt on the retractor side.

**Torque:**

**7.5 N·m (76.5 kgf·cm, 66 in·lbf) for front bolt**

**42 N·m (430 kgf·cm, 31 ft·lbf) for upper bolt**

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

**NOTICE:**

**Do not disassemble the retractor.**

- (1) Check that the belt does not lock within 15° of tilt in all directions but locks with over 45° of tilt when gently moving the retractor.

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

- (c) Install the belt outer with the bolt on the floor anchor side.

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

**NOTICE:**

**The check should be performed with the assembly installed.**

- (1) Check that the belt locks by pulling it out quickly after installation.

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

- (d) Check the ELR lock.

**NOTICE:**

**The check should be performed with the assembly installed.**

- (1) Check that the belt locks by pulling it out quickly after installation.

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

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

**NOTICE:**

**The check should be performed with the assembly installed.**

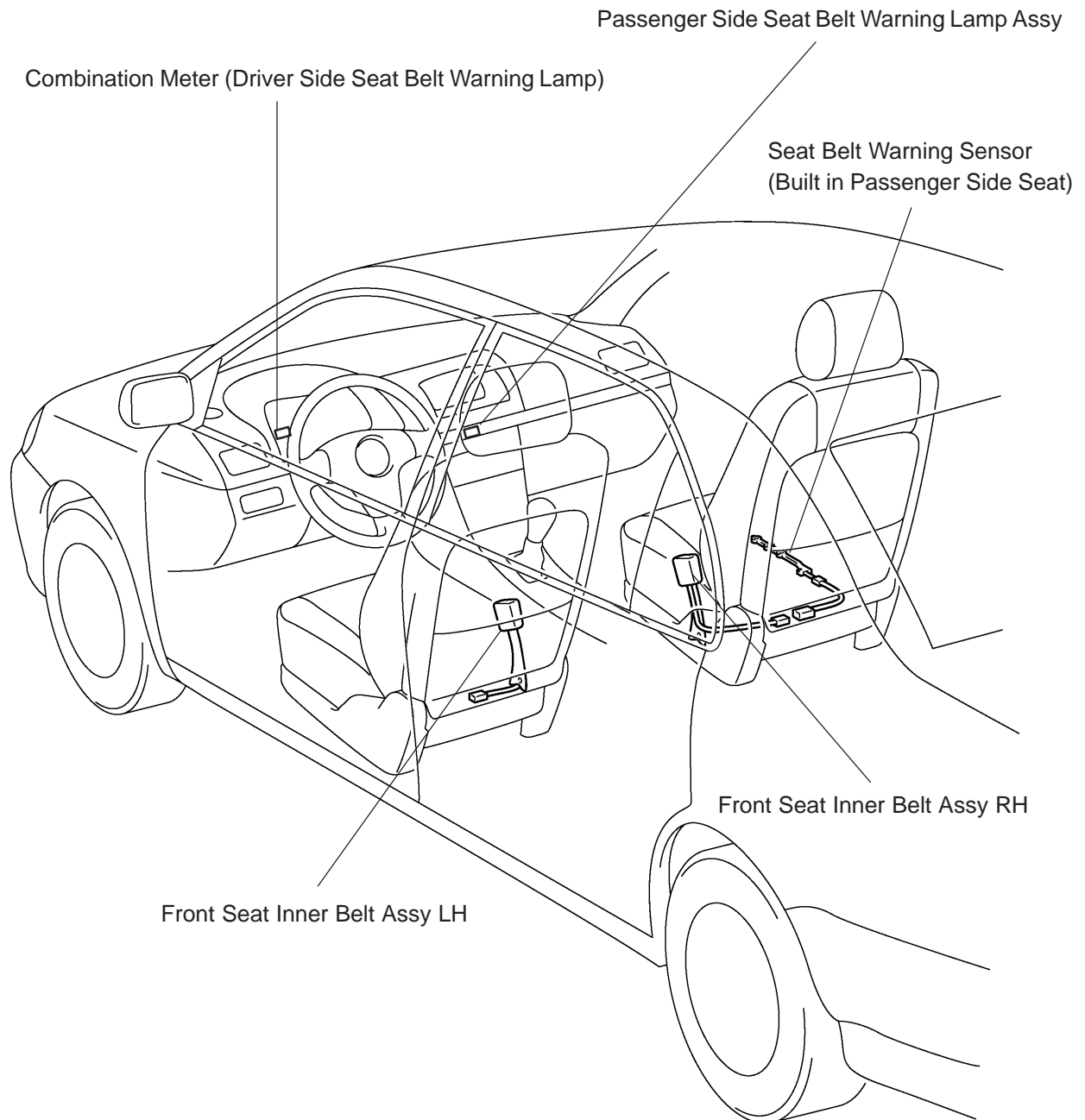
- (1) Check that the belt cannot be pulled out any more but rewinds after being pulled out fully.
- (2) Check that the belt can be pulled out and rewound after the belt has been fully rewound.

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

## 22. INSTALL REAR SEAT ASSY (See page 72-21)

# SEAT BELT WARNING SYSTEM LOCATION

610CJ-02



T

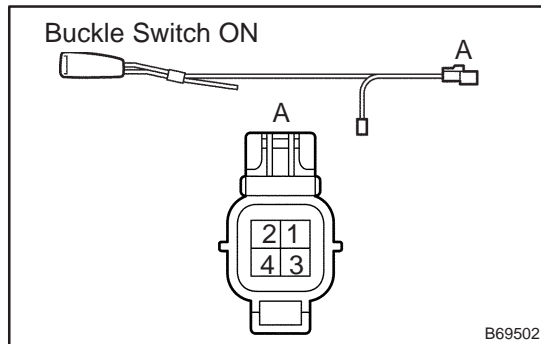
B66559

## PROBLEM SYMPTOMS TABLE

Symptom	Suspected Area	See Page
Driver side seat belt warning lamp does not light up	1. Fuse	—
	2. Combinationmeter	<a href="#">71-21</a>
	3. Airbag sensor assy center	<a href="#">60-62</a>
	4. Front seat inner belt assy LH	<a href="#">61-3</a>
	5. Wire harness	—
Passenger side seat belt warning lamp does not light up	1. Fuse	—
	2. Passenger side seat belt warning lamp assy	<a href="#">61-3</a>
	3. Front seat inner belt assy RH	<a href="#">61-3</a>
	4. Wire harness	—



# INSPECTION



## 1. Driver side:

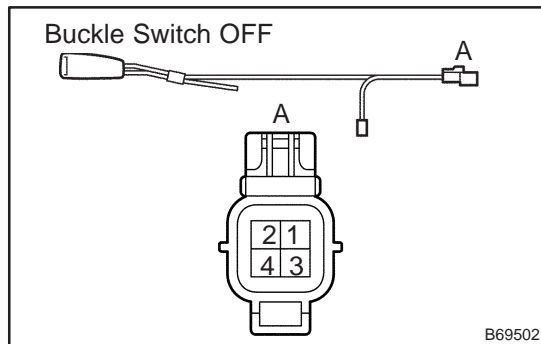
### INSPECT FRONT SEAT INNER BELT ASSY

#### (a) Inspect the buckle switch.

- (1) Fasten the seat belt (Buckle switch is ON).
- (2) Check the resistance between the terminals.

#### Standard:

Tester Connection	Specified Condition
A-1 – A-3	1,330 $\Omega$



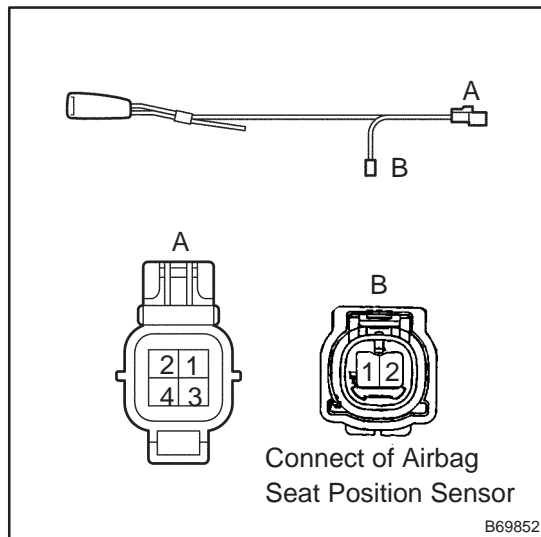
- (3) Release the seat belt (Buckle switch is OFF).

- (4) Check the resistance between the terminals.

#### Standard:

Tester Connection	Specified Condition
A-1 – A-3	330 $\Omega$

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



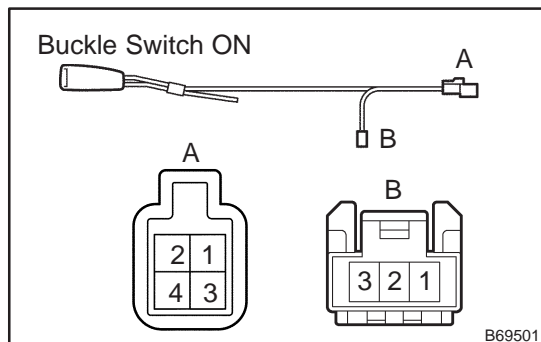
#### (b) Inspect the circuit for the airbag seat position sensor.

- (1) Check the resistance between the terminals of connector A and the connector of the airbag seat position sensor.

#### Standard:

Tester Connection	Specified Condition
A-2 – B-1 (Connector for airbag seat position sensor)	Below 1 $\Omega$
A-4 – B-2 (Connector for airbag seat position sensor)	

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



## 2. Passenger side:

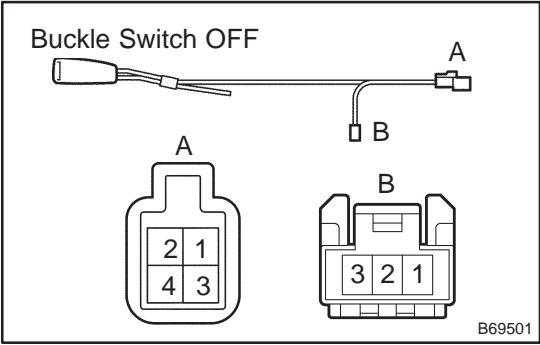
### INSPECT FRONT SEAT INNER BELT ASSY

#### (a) Inspect the buckle switch.

- (1) Fasten the seat belt (Buckle switch is ON).
- (2) Check the resistance between the terminals.

#### Standard:

Tester Connection	Specified Condition
A-1 – B-3	Below 1 $\Omega$
A-3 – B-1	Below 1 $\Omega$



- (3) Release the seat belt (Buckle switch is OFF).
- (4) Check the resistance between the terminals.

**Standard:**

Tester Connection	Specified Condition
A-1 – B-3	10 kΩ or higher
A-3 – B-1	Below 1 Ω

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