

**BODY SECTION**

This service manual has been prepared to provide SUBARU service personnel with the necessary information and data for the correct maintenance and repair of SUBARU vehicles.

This manual includes the procedures for maintenance, disassembling, reassembling, inspection and adjustment of components and diagnostics for guidance of experienced mechanics.

Please peruse and utilize this manual fully to ensure complete repair work for satisfying our customers by keeping their vehicle in optimum condition. When replacement of parts during repair work is needed, be sure to use SUBARU genuine parts.

All information, illustration and specifications contained in this manual are based on the latest product information available at the time of publication approval.

<b>HVAC SYSTEM (HEATER, VENTILATOR AND A/C)</b>	<b>AC</b>
<b>HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS)</b>	<b>AC(diag)</b>
<b>AIRBAG SYSTEM</b>	<b>AB</b>
<b>AIRBAG SYSTEM (DIAGNOSTICS)</b>	<b>AB(diag)</b>
<b>SEAT BELT SYSTEM</b>	<b>SB</b>
<b>LIGHTING SYSTEM</b>	<b>LI</b>
<b>WIPER AND WASHER SYSTEMS</b>	<b>WW</b>
<b>ENTERTAINMENT</b>	<b>ET</b>
<b>COMMUNICATION SYSTEM</b>	<b>COM</b>
<b>GLASS/WINDOWS/MIRRORS</b>	<b>GW</b>
<b>BODY STRUCTURE</b>	<b>BS</b>
<b>INSTRUMENTATION/DRIVER INFO</b>	<b>IDI</b>
<b>SEATS</b>	<b>SE</b>
<b>SECURITY AND LOCKS</b>	<b>SL</b>
<b>SUNROOF/T-TOP/CONVERTIBLE TOP (SUNROOF)</b>	<b>SR</b>
<b>EXTERIOR/INTERIOR TRIM</b>	<b>EI</b>
<b>EXTERIOR BODY PANELS</b>	<b>EB</b>

BODY SECTION

CRUISE CONTROL SYSTEM CC

CRUISE CONTROL SYSTEM (DIAGNOSTICS) CC(diag)

IMMOBILIZER (DIAGNOSTICS) IM(diag)

LAN SYSTEM (DIAGNOSTICS) LAN(diag)

# SEAT BELT SYSTEM

# SB

---

	<b>Page</b>
1. General Description .....	2
2. Pretensioner Connector .....	6
3. Inspection Locations After a Collision .....	7
4. Seat Belt Warning System .....	8
5. Front Seat Belt .....	12
6. Rear Seat Belt .....	14
7. Disposal of Pretensioner .....	17

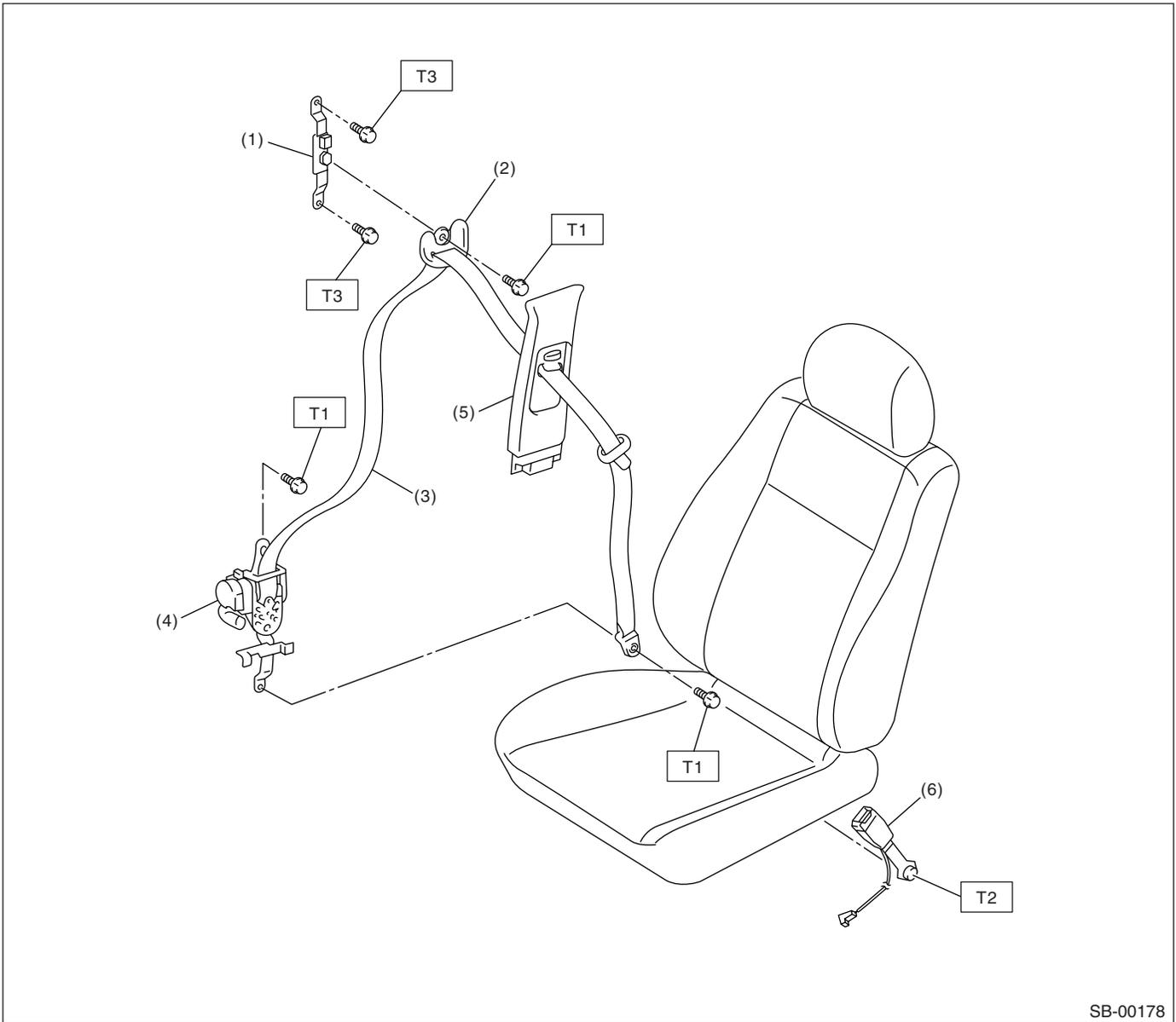
# General Description

## SEAT BELT SYSTEM

### 1. General Description

#### A: COMPONENT

#### 1. FRONT SEAT BELT



- |                            |                              |
|----------------------------|------------------------------|
| (1) Adjustable anchor ASSY | (4) Seat belt retractor      |
| (2) Shoulder anchor        | (5) Center pillar upper trim |
| (3) Outer seat belt ASSY   | (6) Inner seat belt ASSY     |

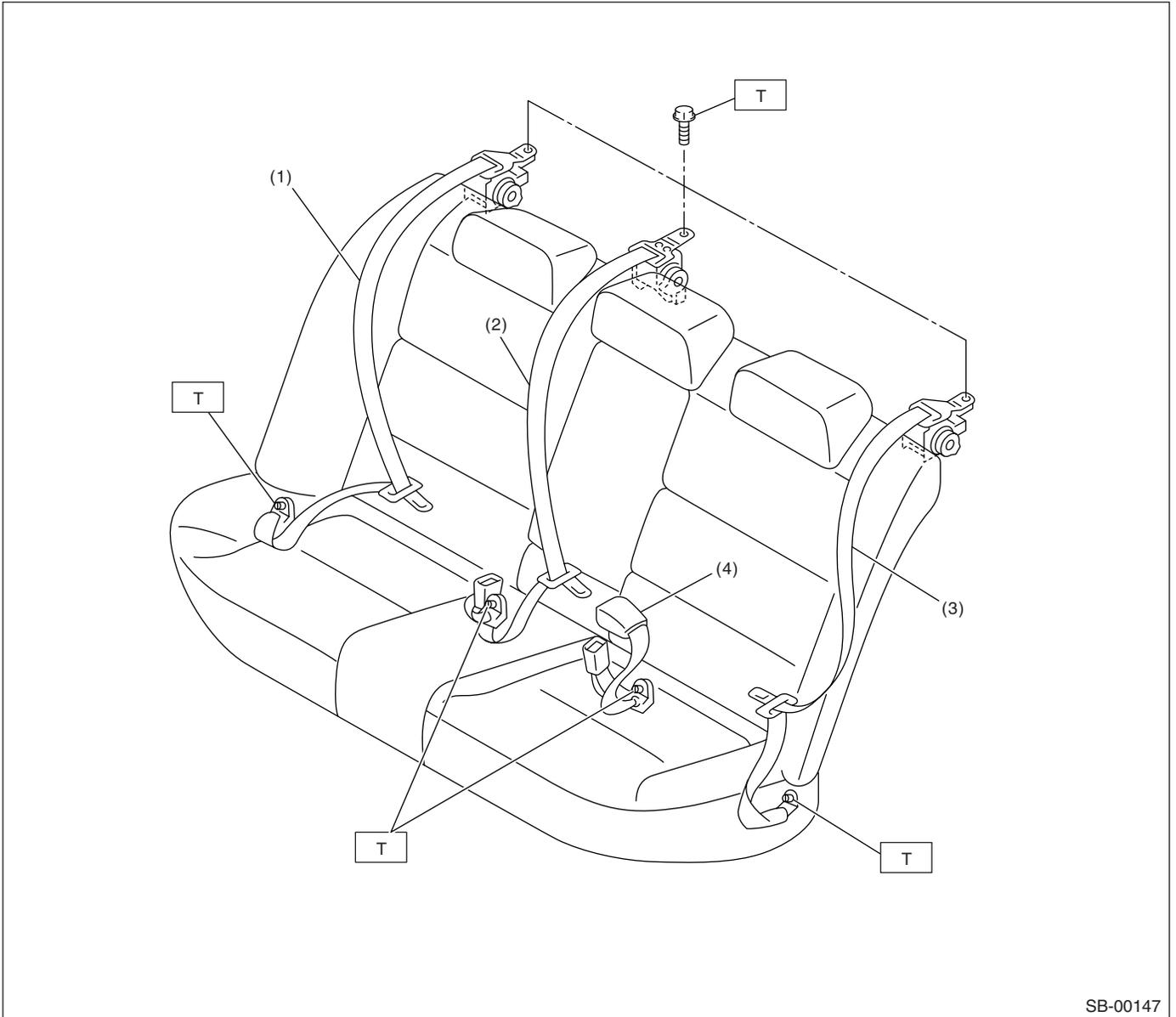
**Tightening torque: N·m (kgf·m, ft·lb)**

**T1: 30 (3.1, 22)**

**T2: 38 (3.9, 28)**

**T3: 53 (5.4, 39)**

### 2. REAR SEAT BELT (SEDAN MODEL)



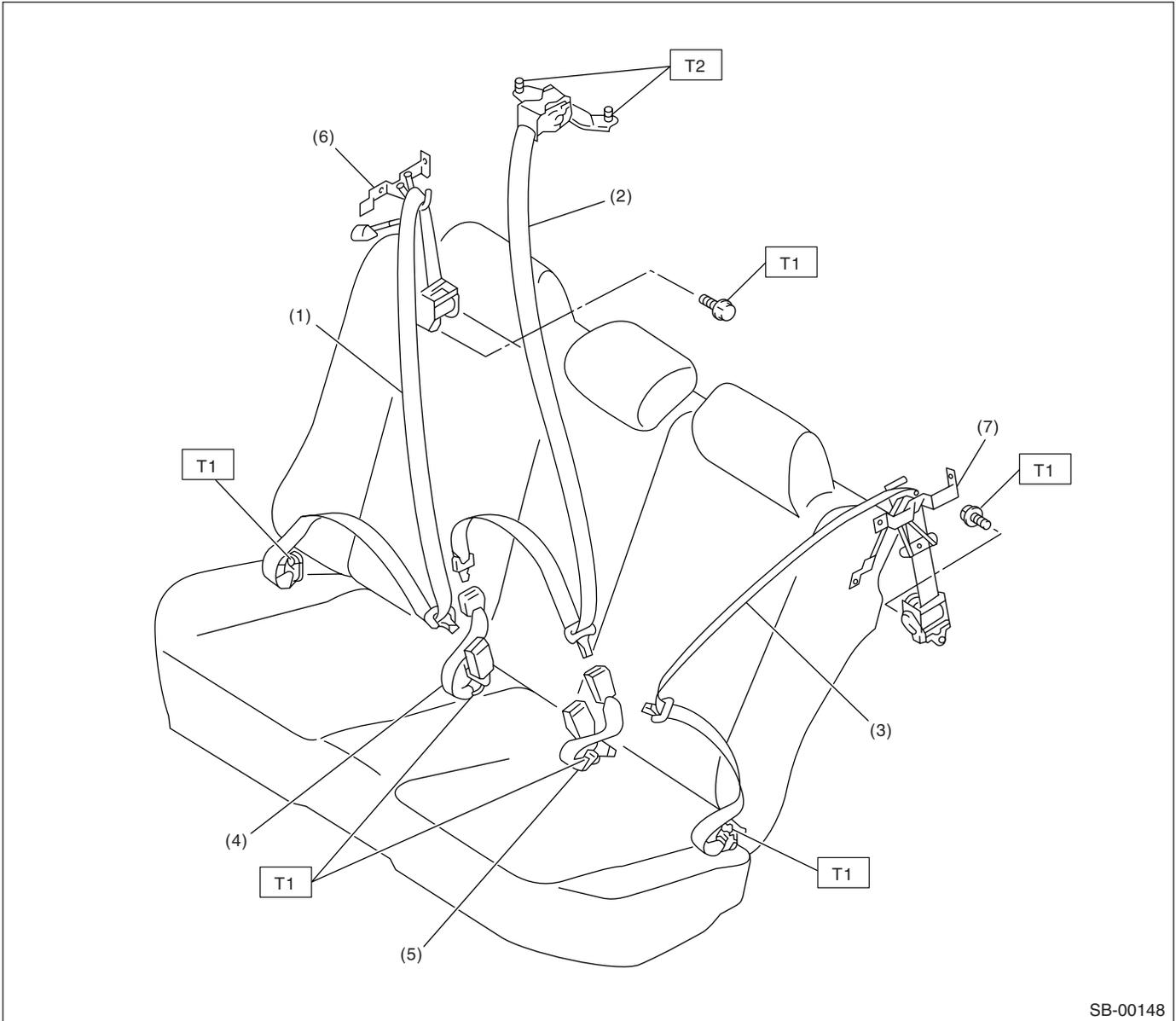
- (1) Outer seat belt RH ASSY
- (2) Shoulder seat belt CTR ASSY
- (3) Outer seat belt LH ASSY
- (4) Center seat belt LH ASSY

**Tightening torque: N·m (kgf·m, ft·lb)**  
**T: 30 (3.1, 22)**

# General Description

## SEAT BELT SYSTEM

### 3. REAR SEAT BELT (WAGON MODEL)



- |                                 |                              |
|---------------------------------|------------------------------|
| (1) Outer seat belt RH ASSY     | (5) Center seat belt LH ASSY |
| (2) Shoulder seat belt CTR ASSY | (6) Outer belt guide RH      |
| (3) Outer seat belt LH ASSY     | (7) Outer belt guide LH      |
| (4) Center seat belt RH ASSY    |                              |

**Tightening torque: N·m (kgf·m, ft·lb)**

**T1: 30 (3.1, 22)**

**T2: 53 (5.4, 39.1)**

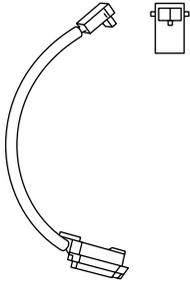
## B: CAUTION

- Before starting service, turn the ignition switch to OFF, disconnect the battery ground cable and wait for 20 seconds or more.
- The pretensioner system has a backup power source. The pretensioner might deploy if you do not wait for 20 seconds or more before starting work.
- Do not drop or apply any impact to the pretensioner.
- If oil, grease or water gets on the pretensioner, wipe it off immediately with a dry cloth.
- Do not expose the pretensioner to high temperature or flame.
- Do not allow current to flow through or voltage to reach the pretensioner. Do not use a circuit tester to check resistance of the pretensioner.

- Do not disassemble or attempt to repair the pretensioner. If it is dented, cracked or deformed, replace it with a new one.
- Do not use the airbag or pretensioner parts from other vehicles. Always replace the parts with new ones.
- When handling a seat belt with deployed pretensioner, wear gloves and goggles. Wash your hands afterwards.
- Do not reuse a seat belt with deployed pretensioner.
- If the material gets in your eyes or on your skin during deployment, wash it away with clean water, and then consult a doctor.

## C: PREPARATION TOOL

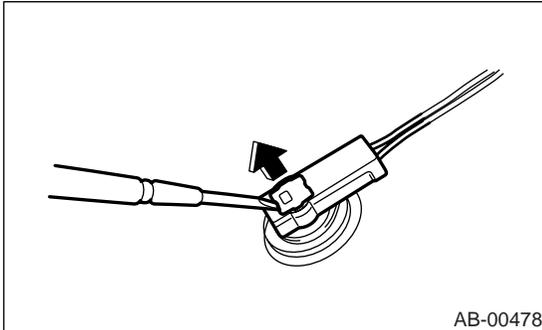
### 1. SPECIAL TOOL

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p style="text-align: center;">ST98299SA010</p>	98299SA010	DEPLOYMENT ADAPTER D	<ul style="list-style-type: none"> <li>• Used for deploying the pretensioner.</li> <li>• Used with DEPLOYMENT TOOL (98299PA030).</li> </ul>
 <p style="text-align: center;">ST98299PA030</p>	98299PA030	DEPLOYMENT TOOL	<ul style="list-style-type: none"> <li>• Used for deploying the pretensioner.</li> <li>• Used with DEPLOYMENT ADAPTER D (98299SA010).</li> </ul>

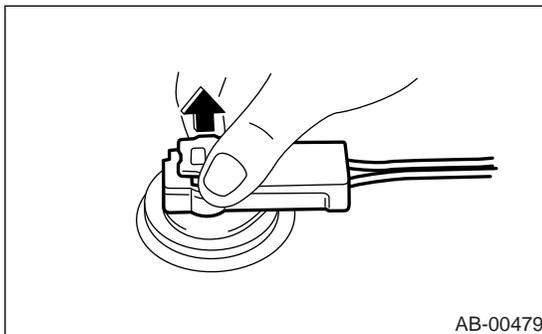
## 2. Pretensioner Connector

### A: REMOVAL

1) Using a flat tip screwdriver, pry the push lock upward to unlock.



2) Pull out the connector to disconnect it from retractor assembly.

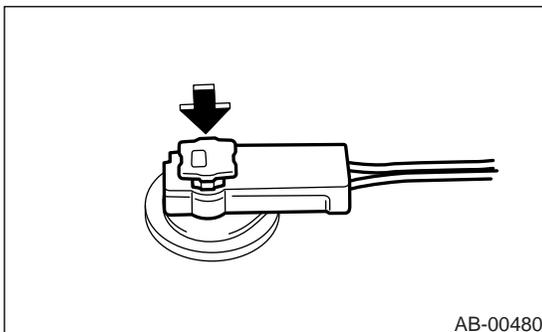


### B: INSTALLATION

Connect the connector in the reverse order of disconnection. At this time, be sure to insert the push lock until a connecting sound is heard.

#### CAUTION:

- Be sure to insert the connector in until it is locked. Then pull on it gently to make sure that it is locked.
- Be sure to push the push lock in securely.



## 3. Inspection Locations After a Collision

### A: INSPECTION

Check for the following, and replace with new parts if necessary.

- Center pillar lower garnish is discolored or cracked.
- Wire harness and connector are damaged.

# Seat Belt Warning System

SEAT BELT SYSTEM

## 4. Seat Belt Warning System

### A: WIRING DIAGRAM

#### 1. LHD MODEL

<Ref. to WI-308, LHD MODEL, WIRING DIAGRAM, Seat Belt Warning System.>

#### 2. RHD MODEL

<Ref. to WI-309, RHD MODEL, WIRING DIAGRAM, Seat Belt Warning System.>

### B: INSPECTION

#### TROUBLE SYMPTOM:

- Seat belt warning light does not come on or go off.
- Buzzer does not beep.

#### 1. DRIVER'S SEAT

Step	Check	Yes	No
<b>1 CHECK BODY INTEGRATED UNIT SYSTEM.</b> Check DTC of body integrated unit using Subaru Select Monitor. <Ref. to LAN(diag)-14, OPERATION, Subaru Select Monitor.>	Is DTC displayed?	Perform the diagnosis according to DTC.	Go to step 2.
<b>2 CHECK VEHICLE SPEED SIGNAL.</b> Check DTC of ABS or vehicle dynamics control (VDC) using Subaru Select Monitor. <Ref. to ABS(diag)-15, OPERATION, Subaru Select Monitor.> <Ref. to VDC(diag)-16, OPERATION, Subaru Select Monitor.>	Is DTC displayed?	Perform the diagnosis according to DTC	Go to step 3.
<b>3 CHECK BODY INTEGRATED UNIT.</b> 1) Connect the Subaru Select Monitor to data link connector. 2) Turn the ignition switch to ON (engine OFF). 3) Turn the Subaru Select Monitor switch to ON. 4) Read the data of "Driver's Seat SW input" using Subaru Select Monitor. <Ref. to LAN(diag)-14, OPERATION, Subaru Select Monitor.>	Is the data of "Driver's Seat SW input" "OFF"?	Go to step 4.	Check the harness between body integrated unit and chassis ground.
<b>4 CHECK SEAT BELT WARNING LIGHT.</b> Read the data of "D-belt warning light O/P" using Subaru Select Monitor. <Ref. to LAN(diag)-14, OPERATION, Subaru Select Monitor.>	Is the data of "D-belt warning light O/P" "ON"? Or does the seat belt warning light on combination meter illuminate?	Go to step 5.	Check the harness between ignition switch and body integrated unit.
<b>5 CHECK BODY INTEGRATED UNIT.</b> 1) Insert the tang plate into the driver's seat belt buckle. 2) Read the data of "Driver's Seat SW input" using Subaru Select Monitor. <Ref. to LAN(diag)-14, OPERATION, Subaru Select Monitor.>	Is the data of "Driver's Seat SW input" "ON"?	Go to step 6.	Check the body integrated unit.
<b>6 CHECK SEAT BELT WARNING LIGHT.</b> Read the data of "D-belt warning light O/P" using Subaru Select Monitor. <Ref. to LAN(diag)-14, OPERATION, Subaru Select Monitor.>	Is the data of "D-belt warning light O/P" "OFF"? Or is the seat belt warning light on combination meter off?	Go to step 7.	Check the harness between ignition switch and body integrated unit.

# Seat Belt Warning System

SEAT BELT SYSTEM

Step	Check	Yes	No
<b>7</b>	<b>CHECK VEHICLE MODEL.</b>	Go to step 8.	The seat belt warning light system is normal at this time. A temporary poor contact of harness connector may be the cause. Check the poor contact.
<b>8</b>	<b>CHECK SEAT BELT WARNING SYSTEM.</b> 1) Hold the tang plate disconnected from seat belt buckle. 2) Turn the ignition switch to ON.	Go to step 9.	Replace the body integrated unit.
<b>9</b>	<b>CHECK SEAT BELT WARNING SYSTEM.</b> 1) Lift-up the vehicle. NOTE: Raise all wheels off floor. 2) Hold the tang plate disconnected from seat belt buckle. 3) Start the engine, and set the vehicle speed to more than 24 km/h (15MPH). NOTE: The speed difference between front and rear wheels may light the ABS or VDC warning light, but this indicates no malfunction. When diagnosis is finished, perform the ABS or VDC memory clearance procedure. <Ref. to ABS(diag)-15, OPERATION, Subaru Select Monitor.> <Ref. to VDC(diag)-16, OPERATION, Subaru Select Monitor.>	Go to step 10.	Replace the body integrated unit.
<b>10</b>	<b>CHECK SEAT BELT WARNING SYSTEM.</b> While the seat belt warning light is blinking and the buzzer is beeping, decelerate the vehicle speed to less than 21 km/h (13 MPH).	Go to step 11.	Replace the body integrated unit.
<b>11</b>	<b>CHECK SEAT BELT WARNING SYSTEM.</b> 1) Start the engine, and set the vehicle speed to more than 24 km/h (15 MPH). 2) Wait for approx. 108 seconds while the seat belt warning light is blinking and the buzzer is beeping. NOTE: The speed difference between front and rear wheels may light the ABS or VDC warning light, but this indicates no malfunction. When diagnosis is finished, perform the ABS or VDC memory clearance procedure. <Ref. to ABS(diag)-15, OPERATION, Subaru Select Monitor.> <Ref. to VDC(diag)-16, OPERATION, Subaru Select Monitor.>	The seat belt warning system is normal. A temporary poor contact of harness connector may be the cause. Check the poor contact.	Replace the body integrated unit.

## 2. PASSENGER'S SEAT

Step	Check	Yes	No
<b>1</b>	<b>CHECK BODY INTEGRATED UNIT SYSTEM.</b> Check DTC of body integrated unit using Subaru Select Monitor. <Ref. to LAN(diag)-14, OPERATION, Subaru Select Monitor.>	Perform the diagnosis according to DTC.	Go to step 2.

# Seat Belt Warning System

## SEAT BELT SYSTEM

Step	Check	Yes	No
<b>2 CHECK VEHICLE SPEED SIGNAL.</b> Check DTC of ABS or VDC using Subaru Select Monitor. <Ref. to ABS(diag)-15, OPERATION, Subaru Select Monitor.> <Ref. to VDC(diag)-16, OPERATION, Subaru Select Monitor.>	Is DTC displayed?	Perform the diagnosis according to DTC.	Go to step 3.
<b>3 CHECK BODY INTEGRATED UNIT.</b> 1) Connect the Subaru Select Monitor to data link connector. 2) Turn the ignition switch to ON (engine OFF). 3) Turn the Subaru Select Monitor switch to ON. 4) Read the data of "P seatbelt SW input" using Subaru Select Monitor. <Ref. to LAN(diag)-14, OPERATION, Subaru Select Monitor.>	Is the data of "P seatbelt SW input" "OFF"?	Go to step 4.	Check the harness between body integrated unit and chassis ground.
<b>4 CHECK SEAT BELT WARNING LIGHT.</b> Read the data of "P-belt warning light O/P" using Subaru Select Monitor. <Ref. to LAN(diag)-14, OPERATION, Subaru Select Monitor.>	Is the data of "P-belt warning light O/P" "ON"? Or does the passenger's seat belt warning light illuminate?	Go to step 5.	Check the harness between ignition switch and body integrated unit.
<b>5 CHECK BODY INTEGRATED UNIT.</b> 1) Insert the tang plate into the passenger's seat belt buckle. 2) Read the data of "P seatbelt SW input" using Subaru Select Monitor. <Ref. to LAN(diag)-14, OPERATION, Subaru Select Monitor.>	Is the data of "P seatbelt SW input" "ON"?	Go to step 6.	Check the body integrated unit.
<b>6 CHECK SEAT BELT WARNING LIGHT.</b> Read the data of "P-belt warning light O/P" using Subaru Select Monitor. <Ref. to LAN(diag)-14, OPERATION, Subaru Select Monitor.>	Is the data of "P-belt warning light O/P" "OFF"? Or is the passenger's seat belt warning light off?	Go to step 7.	Check the harness between ignition switch and body integrated unit.
<b>7 CHECK VEHICLE MODEL.</b>	Is the vehicle EC, EK or KA model?	Go to step 8.	The seat belt warning system is normal at this time. A temporary poor contact of harness connector may be the cause. Check the poor contact.
<b>8 CHECK SEAT BELT WARNING SYSTEM.</b> 1) Hold the tang plate disconnected from seat belt buckle. 2) Turn the ignition switch to ON.	Does the seat belt warning light illuminate?	Go to step 9.	Replace the body integrated unit.

# Seat Belt Warning System

SEAT BELT SYSTEM

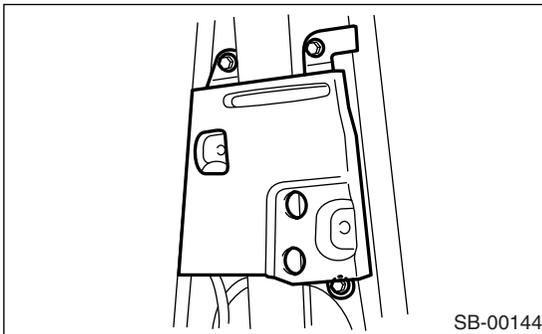
Step	Check	Yes	No
<p><b>9</b>     <b>CHECK SEAT BELT WARNING SYSTEM.</b>            1) Lift-up the vehicle.            NOTE:            Raise all wheels off floor.            2) Insert the tang plate of driver's seat belt into seat belt buckle.            3) Hold the tang plate of passenger's seat belt disconnected from seat belt buckle.            4) Start the engine, and set the vehicle speed to more than 24 km/h (15 MPH).            NOTE:            The speed difference between front and rear wheels may light the ABS or VDC warning light, but this indicates no malfunction. When diagnosis is finished, perform the ABS or VDC memory clearance procedure. &lt;Ref. to ABS(diag)-15, OPERATION, Subaru Select Monitor.&gt; &lt;Ref. to VDC(diag)-16, OPERATION, Subaru Select Monitor.&gt;</p>	<p>Does the seat belt warning light blink and the buzzer beep?</p>	<p>Go to step 10.</p>	<p>Replace the body integrated unit.</p>
<p><b>10</b>     <b>CHECK SEAT BELT WARNING SYSTEM.</b>            While the seat belt warning light is blinking and the buzzer is beeping, decelerate the vehicle speed to less than 21 km/h (13 MPH).</p>	<p>Does the buzzer stop beeping and the seat belt warning light change from blinking to illuminating?</p>	<p>Go to step 11.</p>	<p>Replace the body integrated unit.</p>
<p><b>11</b>     <b>CHECK SEAT BELT WARNING SYSTEM.</b>            1) Start the engine, and set the vehicle speed to more than 24 km/h (15 MPH).            2) Wait for approx. 108 seconds while the seat belt warning light is blinking and the buzzer is beeping.            NOTE:            The speed difference between front and rear wheels may light the ABS or VDC warning light, but this indicates no malfunction. When diagnosis is finished, perform the ABS or VDC memory clearance procedure. &lt;Ref. to ABS(diag)-15, OPERATION, Subaru Select Monitor.&gt; &lt;Ref. to VDC(diag)-16, OPERATION, Subaru Select Monitor.&gt;</p>	<p>Does the buzzer stop beeping and the seat belt warning light change from blinking to illuminating?</p>	<p>The seat belt warning system is normal. A temporary poor contact of harness connector may be the cause. Check the poor contact.</p>	<p>Replace the body integrated unit.</p>

## 5. Front Seat Belt

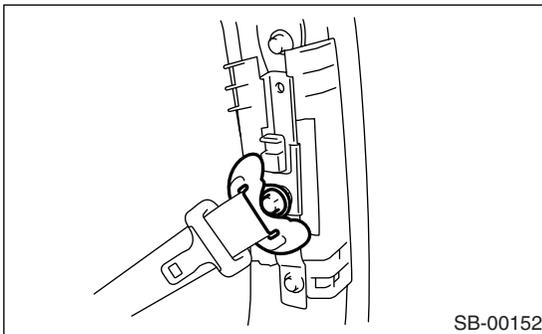
### A: REMOVAL

#### 1. OUTER SEAT BELT ASSEMBLY

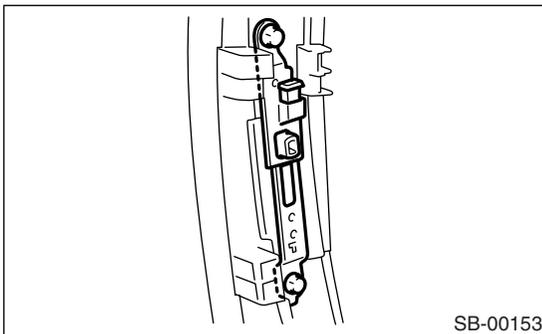
- 1) Turn the ignition switch to OFF, disconnect the battery ground cable from battery, and wait for more than 20 seconds before starting work.
- 2) Fold the backrest all the way forward, and then move the front seat all the way forward.
- 3) Remove the center pillar lower trim. <Ref. to EI-60, REMOVAL, Lower Inner Trim.>
- 4) Remove the center pillar upper trim. <Ref. to EI-62, REMOVAL, Upper Inner Trim.>
- 5) Remove the bolt, and remove the center pillar inner protector lower.



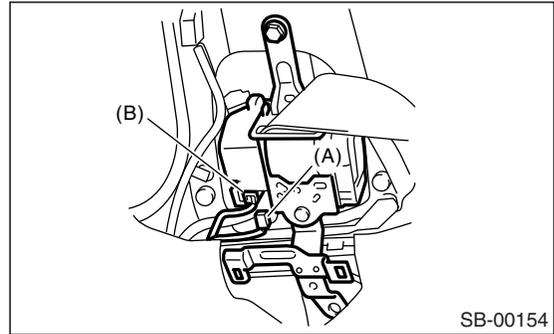
- 6) Remove the bolt, and then remove the shoulder anchor.



- 7) Remove the bolt, and then remove the adjustable anchor assembly.



- 8) Disconnect the pretensioner connector (A), and remove the bolt, and then remove the seat belt retractor.



**NOTE:**

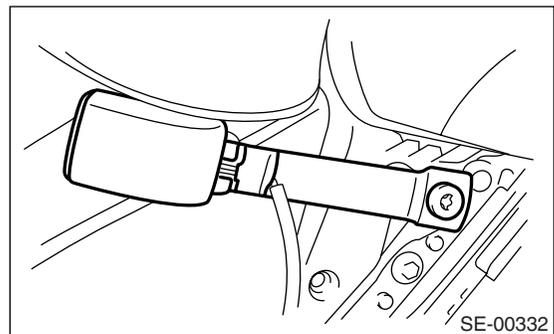
Disconnect the tension reducer connector (B) for the seat belt retractor with tension reducer function.

**CAUTION:**

- Do not drop or apply any impact to the pretensioner.
- Since the pretensioner and bracket are integrated as a unit, do not disassemble them.

#### 2. INNER SEAT BELT ASSEMBLY

- 1) Turn the ignition switch to OFF, disconnect the battery ground cable from battery, and wait for more than 20 seconds before starting work.
- 2) Remove the console box. <Ref. to EI-53, REMOVAL, Console Box.>
- 3) Disconnect the seat belt warning light connector under the seat.
- 4) Remove the harness clips from seat rail.
- 5) Remove the TORX® bolt, and then remove the inner seat belt assembly.



## **B: INSTALLATION**

### **1. OUTER SEAT BELT ASSEMBLY**

Install in the reverse order of removal.

#### **CAUTION:**

- The parts of driver and passenger sides are not identical. Before installation, make sure that the correct part is used.
- Be careful not to twist the seat belts during installation.

#### ***Tightening torque:***

***<Ref. to SB-2, FRONT SEAT BELT, COMPONENT, General Description.>***

### **2. INNER SEAT BELT ASSEMBLY**

Install in the reverse order of removal.

#### ***Tightening torque:***

***<Ref. to SB-2, FRONT SEAT BELT, COMPONENT, General Description.>***

## **C: INSPECTION**

### **1. OUTER SEAT BELT ASSEMBLY**

Check for the following, and replace with new parts if necessary.

- Pretensioner is cracked or deformed.
- Seat belt is slackened, bent or worn. Seat belt is abnormally wound or extended.

### **2. INNER SEAT BELT ASSEMBLY**

Check for the following, and replace with new parts if necessary.

- Inner seat belt assembly is deformed or damaged.
- Seat belt buckle cannot be engaged properly.

# Rear Seat Belt

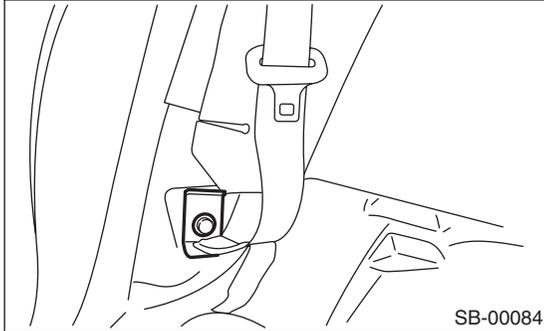
## SEAT BELT SYSTEM

### 6. Rear Seat Belt

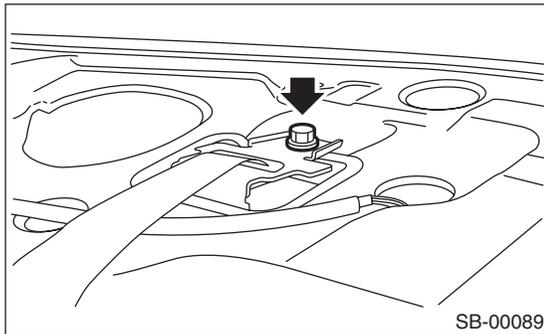
#### A: REMOVAL

##### 1. OUTER SEAT BELT RH ASSEMBLY AND LH ASSEMBLY (SEDAN MODEL)

- 1) Remove the rear seat. <Ref. to SE-14, REMOVAL, Rear Seat.>
- 2) Remove the seat belt lower anchor bolt.

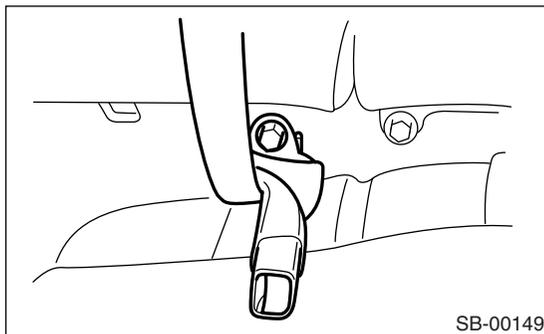


- 3) Remove the rear quarter trim. <Ref. to EI-63, SEDAN MODEL (MODEL WITH CURTAIN AIR-BAG), REMOVAL, Rear Quarter Trim.>
- 4) Remove the bolt to remove outer seat belt assembly.



##### 2. SHOULDER SEAT BELT CTR ASSEMBLY (SEDAN MODEL)

- 1) Remove the rear cushion seat. <Ref. to SE-14, REMOVAL, Rear Seat.>
- 2) Remove the seat belt lower anchor bolt.



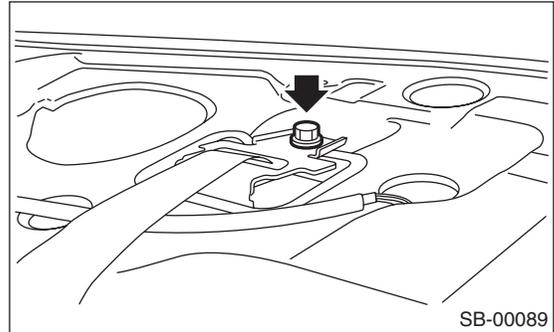
#### NOTE:

For the model with rear seat belt warning light, disconnect the connector of seat belt warning light.

- 3) Remove the rear quarter trim. <Ref. to EI-63, REMOVAL, Rear Quarter Trim.>

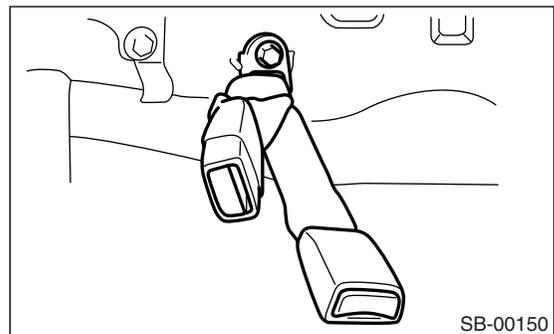
- 4) Remove the rear shelf trim. <Ref. to EI-70, REMOVAL, Rear Shelf Trim.>

- 5) Remove the bolt to remove shoulder seat belt assembly.



##### 3. CENTER SEAT BELT LH ASSEMBLY (SEDAN MODEL)

- 1) Remove the rear seat cushion. <Ref. to SE-14, REMOVAL, Rear Seat.>
- 2) Remove the bolt to remove center seat belt LH assembly.

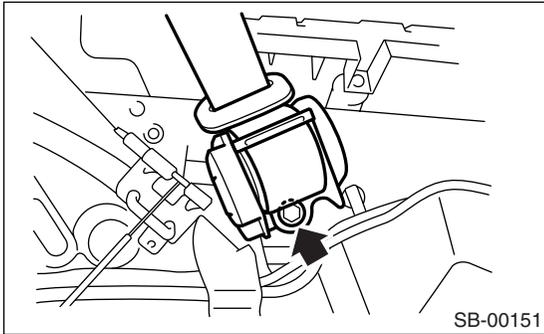


#### NOTE:

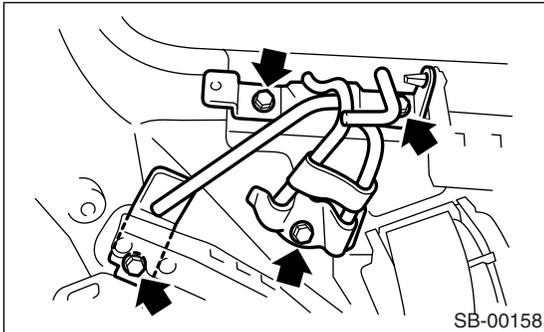
For the model with rear seat belt warning light, disconnect the connector of seat belt warning light.

### 4. OUTER SEAT BELT RH ASSEMBLY AND LH ASSEMBLY (WAGON MODEL)

- 1) Remove the luggage floor box. <Ref. to EI-74, REMOVAL, Luggage Floor Box.>
- 2) Remove the rear seat cushion and backrest shoulder. <Ref. to SE-14, SEDAN MODEL, REMOVAL, Rear Seat.>
- 3) Remove the rear quarter lower trim. <Ref. to EI-63, WAGON MODEL, REMOVAL, Rear Quarter Trim.>
- 4) Remove the bolt to remove outer seat belt retractor.

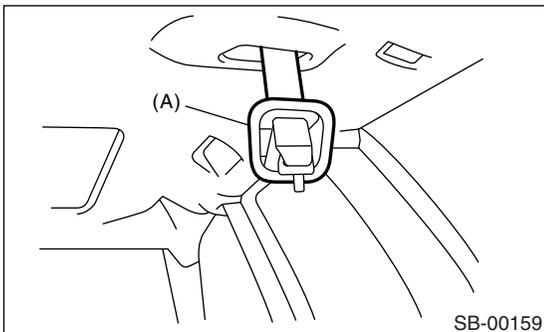


- 5) Remove the bolts to remove outer seat belt guide.

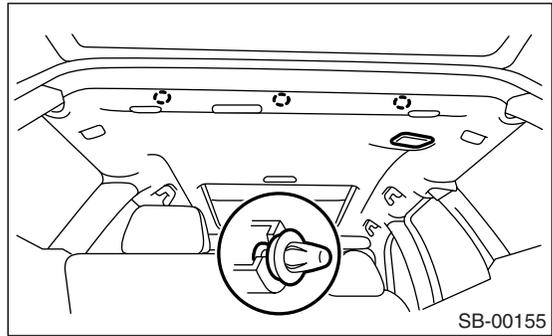


### 5. SHOULDER SEAT BELT CTR ASSEMBLY (WAGON MODEL)

- 1) Remove the quarter rear pillar trim. <Ref. to EI-63, WAGON MODEL, REMOVAL, Rear Quarter Trim.>
- 2) Remove the seat belt extract opening (A) from roof trim, and then inset it to the inside of roof trim.



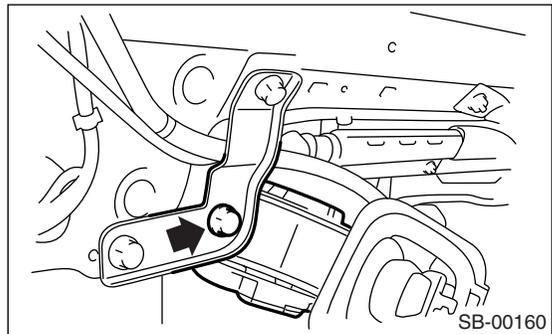
- 3) Remove the clips, and then lower the roof trim end.



#### CAUTION:

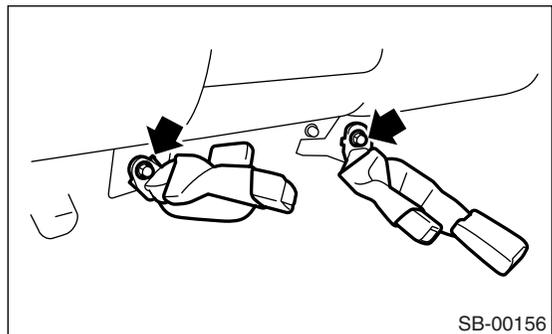
When removing the roof trim clip, do not pull the roof trim end backward with excessive force, otherwise roof trim may be damaged.

- 4) Remove the bolt to remove seat belt retractor.



### 6. CENTER SEAT BELT RH ASSEMBLY AND LH ASSEMBLY (WAGON MODEL)

- 1) Remove the rear seat cushion. <Ref. to SE-14, SEDAN MODEL, REMOVAL, Rear Seat.>
- 2) Remove the bolts, and then detach the center seat belt assembly.



#### NOTE:

For the model with rear seat belt warning light, disconnect the connector of seat belt warning light.

# Rear Seat Belt

## SEAT BELT SYSTEM

### B: INSTALLATION

#### 1. OUTER SEAT BELT RH ASSEMBLY AND LH ASSEMBLY (SEDAN MODEL)

Install in the reverse order of removal.

##### CAUTION:

- During installation, make sure that the seat belts are not twisted.
- After installation, make sure that the seat belts are smoothly extended and wound.

#### 2. SHOULDER SEAT BELT CTR ASSEMBLY (SEDAN MODEL)

Install in the reverse order of removal.

##### CAUTION:

- During installation, make sure that the seat belts are not twisted.
- After installation, make sure that the seat belts are smoothly extended and wound.

#### 3. CENTER SEAT BELT LH ASSEMBLY (SEDAN MODEL)

Install in the reverse order of removal.

##### CAUTION:

During installation, make sure that the seat belts are not twisted.

#### 4. OUTER SEAT BELT RH ASSEMBLY AND LH ASSEMBLY (WAGON MODEL)

Install in the reverse order of removal.

##### CAUTION:

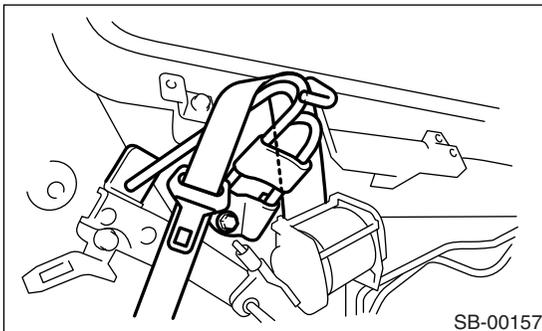
- During installation, make sure that the seat belts are not twisted.
- After installation, make sure that the seat belts are smoothly extended and wound.

#### 5. SHOULDER SEAT BELT CTR ASSEMBLY (WAGON MODEL)

Install in the reverse order of removal.

##### CAUTION:

- After seat belt guide installation, make sure that the seat belts are wound.



- During installation, make sure that the seat belts are not twisted.
- After installation, make sure that the seat belts are smoothly extended and wound.

#### 6. CENTER SEAT BELT RH ASSEMBLY AND LH ASSEMBLY (WAGON MODEL)

Install in the reverse order of removal.

##### CAUTION:

During installation, make sure that the seat belts are not twisted.

### C: INSPECTION

#### 1. OUTER SEAT BELT RH ASSEMBLY AND LH ASSEMBLY (SEDAN MODEL)

Check for the following, and replace with new parts if necessary.

- Seat belt is slackened, bent or wore. Seat belt is abnormally wound or extended.

#### 2. SHOULDER SEAT BELT CTR ASSEMBLY (SEDAN MODEL)

Check for the following, and replace with new parts if necessary.

- Seat belt is slackened, bent or wore. Seat belt is abnormally wound or extended.

#### 3. CENTER SEAT BELT LH ASSEMBLY (SEDAN MODEL)

Check for the following, and replace with new parts if necessary.

- Inner belt is deformed or damaged.
- Seat belt buckle cannot be engaged properly.

#### 4. OUTER SEAT BELT RH ASSEMBLY AND LH ASSEMBLY (WAGON MODEL)

Check for the following, and replace with new parts if necessary.

- Seat belt is slackened, bent or wore. Seat belt is abnormally wound or extended.

#### 5. SHOULDER SEAT BELT CTR ASSEMBLY (WAGON MODEL)

Check for the following, and replace with new parts if necessary.

- Seat belt is slackened, bent or wore. Seat belt is abnormally wound or extended.

#### 6. CENTER SEAT BELT RH ASSEMBLY AND LH ASSEMBLY (WAGON MODEL)

Check for the following, and replace with new parts if necessary.

- Inner belt is deformed or damaged.
- Seat belt buckle cannot be engaged properly.

## 7. Disposal of Pretensioner

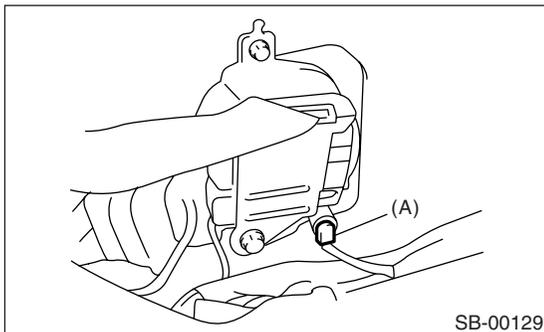
### A: CAUTION

- Discard deployed pretensioners because it may cause serious personal injury when accidentally deployed.
- Deployment of the pretensioners should be done on a flat place free from any possible danger. Avoid deploying outdoors during rainy or windy weather.
- Wear protective gloves, safety goggles and ear-plugs during this operation. Wash your hands afterwards.
- Do not drop or damage the pretensioner.
- Because deploying of pretensioners cause a high-explosive noise, be sure to warn people in the area, and do not allow anyone within a 5 m (16 ft) radius of the disposal site.
- Some smoke will be emitted after deployment of the pretensioner. Therefore, it must be deployed in a well-ventilated place with no fire alarms nearby.
- After deployment, the pretensioner is especially hot, leave it unattended for 40 minutes or longer, and then discard it.
- Do not let water get on the deployed pretensioner.
- Wrap the deployed pretensioner in an airtight vinyl bag, and then discard it.
- If circumstances do not permit the pretensioner deployment, contact the SUBARU dealer.

### B: PROCEDURE

#### 1. DEPLOYING OF PRETENSIONER WHILE INSTALLED IN VEHICLE

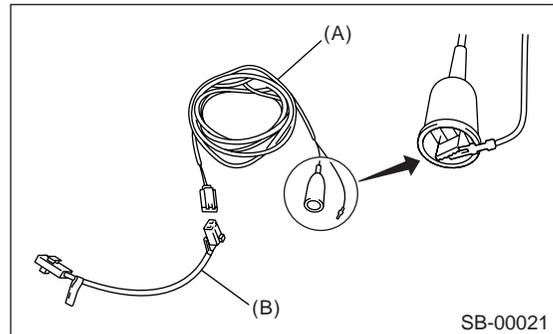
- 1) Fold the backrest all the way forward, and then move the front seat all the way forward.
- 2) Turn the ignition switch to OFF, disconnect the battery ground terminal, and wait more than 20 seconds.
- 3) Remove the center pillar lower trim. <Ref. to EI-60, REMOVAL, Lower Inner Trim.>
- 4) Disconnect the pretensioner connector (A).



- 5) Short the terminal to alligator clip of deployment tool (A).
- 6) Connect the deployment tool and deployment adapter D (B).

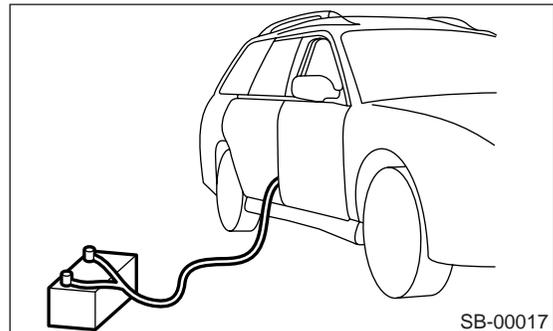
### CAUTION:

The terminals of deployment tool should be kept shorted until just before deployment of the pretensioner.

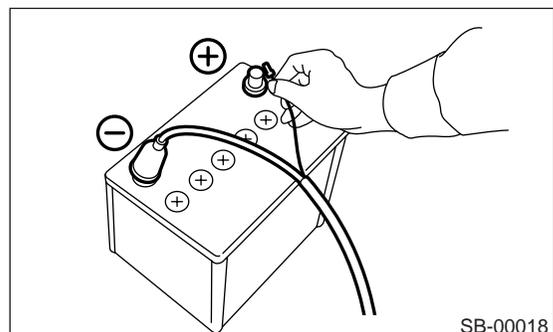


- (A) Deployment tool:  
(Tool number 98299PA030)
- (B) Deployment adapter D:  
(Tool number 98299SA010)

- 7) Connect the deployment adapter D connector and pretensioner connector.
- 8) Extend the wiring of deployment tool to the limit, and make sure that the vehicle is empty. Close all windows, sunroof and rear gate completely.



- 9) Move the battery at least 5 m (16 ft) from vehicle, and secure to the nearby area. Connect the deployment tool alligator clip to the battery negative (-) terminal.
- 10) Connect the other cable of deployment tool to the battery positive (+) terminal, and deploy the pretensioner.



# Disposal of Pretensioner

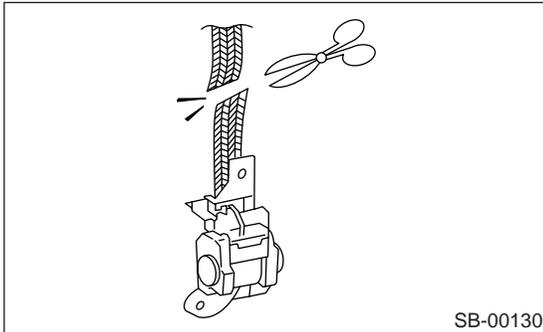
## SEAT BELT SYSTEM

### CAUTION:

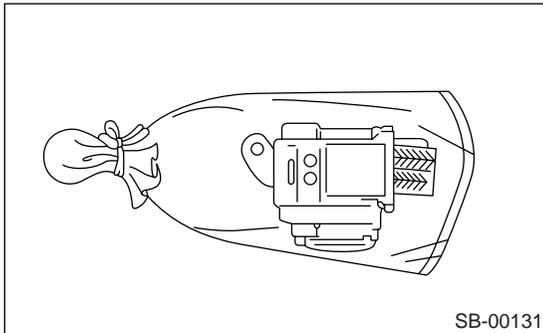
- After deployment, the pretensioner is especially hot, leave it unattended for 40 minutes or longer, and then discard it.
- Do not let water get on the deployed pretensioner.

11) Remove the front outer belt. <Ref. to SB-12, REMOVAL, Front Seat Belt.>

12) Cut off the seat belt as close to retractor as possible.



13) Wrap the deployed pretensioner in airtight vinyl bag, and discard it.



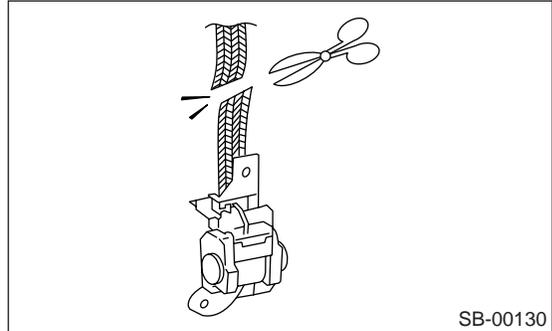
## 2. DEPLOYING OF PRETENSIONER AFTER REMOVAL FROM VEHICLE

1) Fold the backrest all the way forward, and then move the front seat all the way forward.

2) Turn the ignition switch to OFF, disconnect the battery ground terminal, and wait more than 20 seconds.

3) Remove the front outer belt. <Ref. to SB-12, REMOVAL, Front Seat Belt.>

4) Cut off the seat belt as close to retractor as possible.

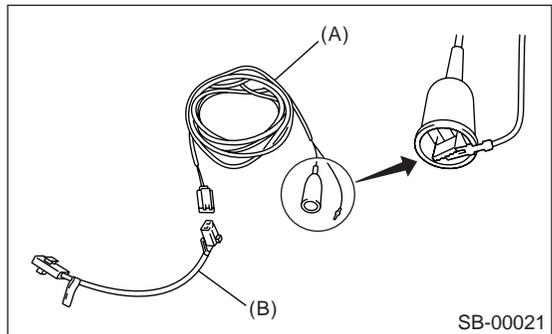


5) Short the terminal to alligator clip of deployment tool.

6) Connect the deployment tool (A) and deployment adapter D (B).

### CAUTION:

The terminals of deployment tool should be kept shorted until just before deployment of the pretensioner.

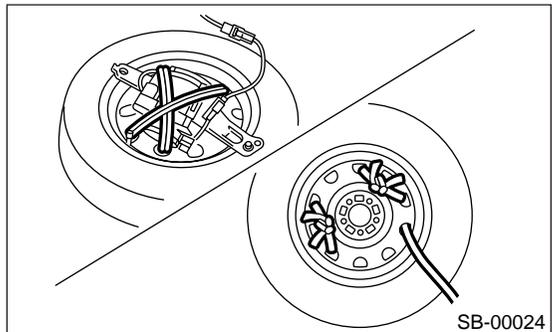


(A) Deployment tool:  
(Tool number 98299PA030)

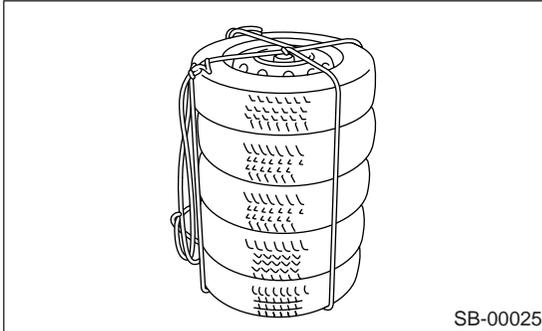
(B) Deployment adapter D:  
(Tool number 98299SA010)

7) Connect the deployment adapter D connector and pretensioner connector.

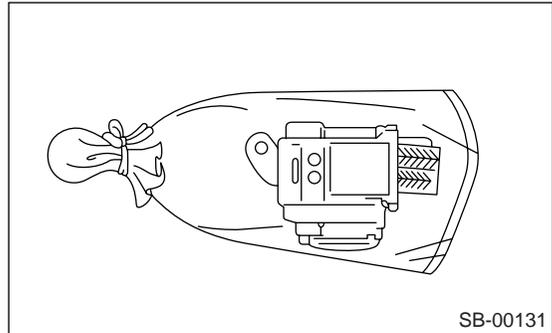
8) Install the pretensioner on a wheel with tire. Then, bundle three automotive wire harness [each with a sectional area of 1.25 mm<sup>2</sup> (0.00194 sq in) or more], and bind them twofold around the pretensioner bracket and wheel.



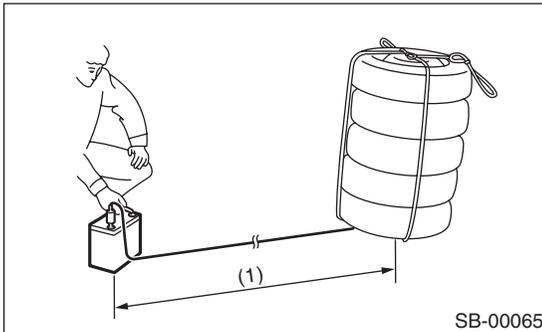
9) Put three tires without wheels on the tire installed with pretensioner. Put on an additional tire with a wheel on top, and then fasten them tight with a rope.



12) Wrap the deployed pretensioner in airtight vinyl bag, and discard it.

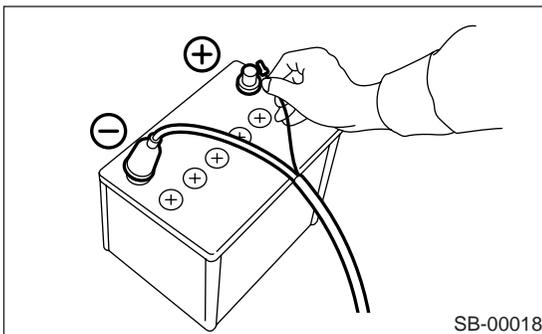


10) Move the battery at least 5 m (16 ft) from tires, and secure the nearby area. Connect the deployment tool alligator clip to the battery negative (-) terminal.



(1) 5 m (16 ft) or more

11) Connect the other cable of deployment tool to the battery positive (+) terminal, and deploy the pretensioner.



**CAUTION:**

- After deployment, the pretensioner is especially hot, leave it unattended for 40 minutes or longer, and then discard it.
- Do not let water get on the deployed pretensioner.

