

EXTERIOR BODY PANELS

EB

	Page
1. General Description	2
2. Front Hood.....	11
3. Fender Panel	12
4. Front Door Panel	13
5. Front Sealing Cover.....	15
6. Rear Door Panel.....	16
7. Rear Sealing Cover	18
8. Trunk Lid Panel	19
9. Rear Gate Panel.....	20
10. Tail Gate Panel.....	22
11. Switch Back Gate	23

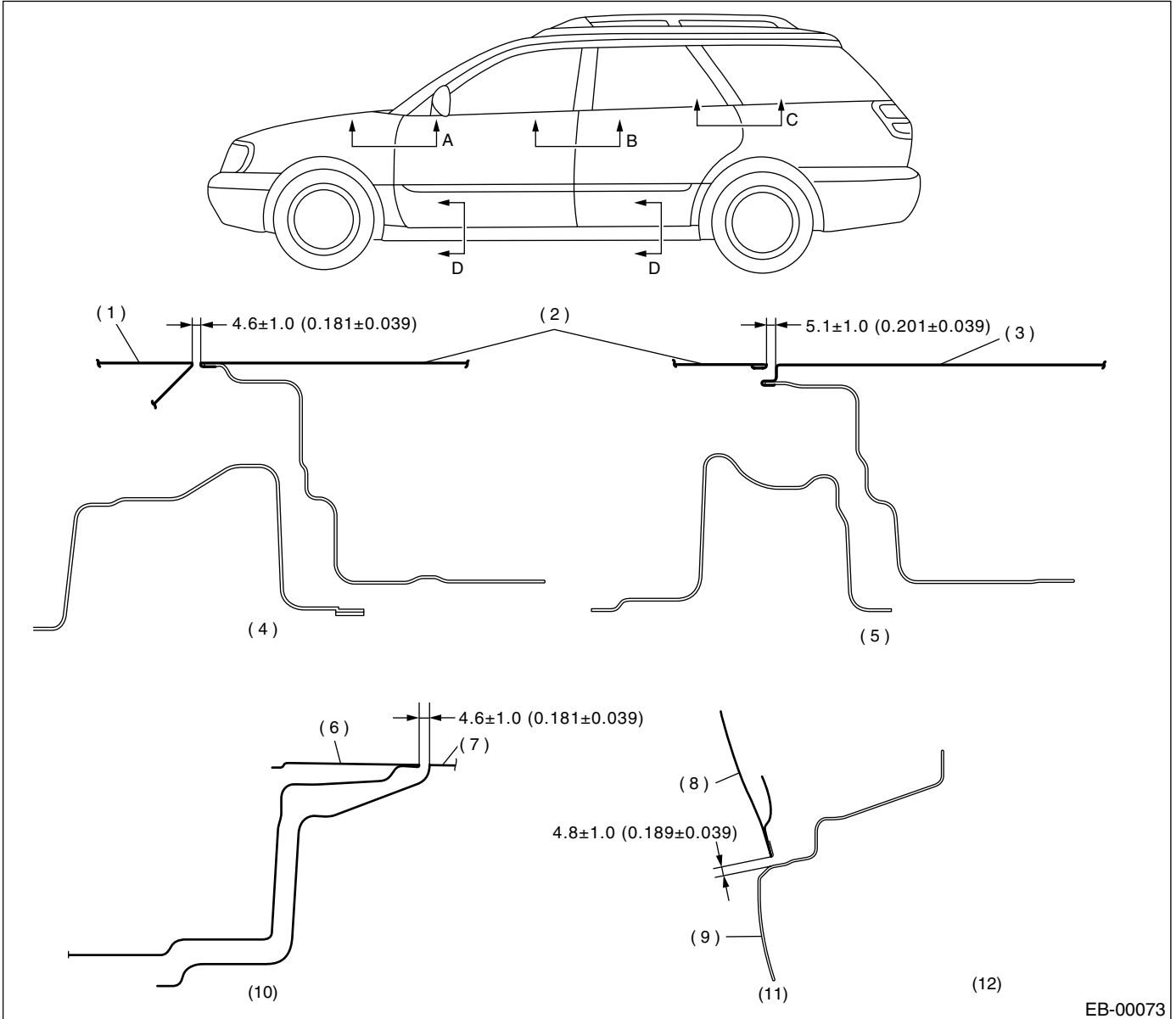


GENERAL DESCRIPTION

EXTERIOR BODY PANELS

1. General Description

A: SPECIFICATIONS

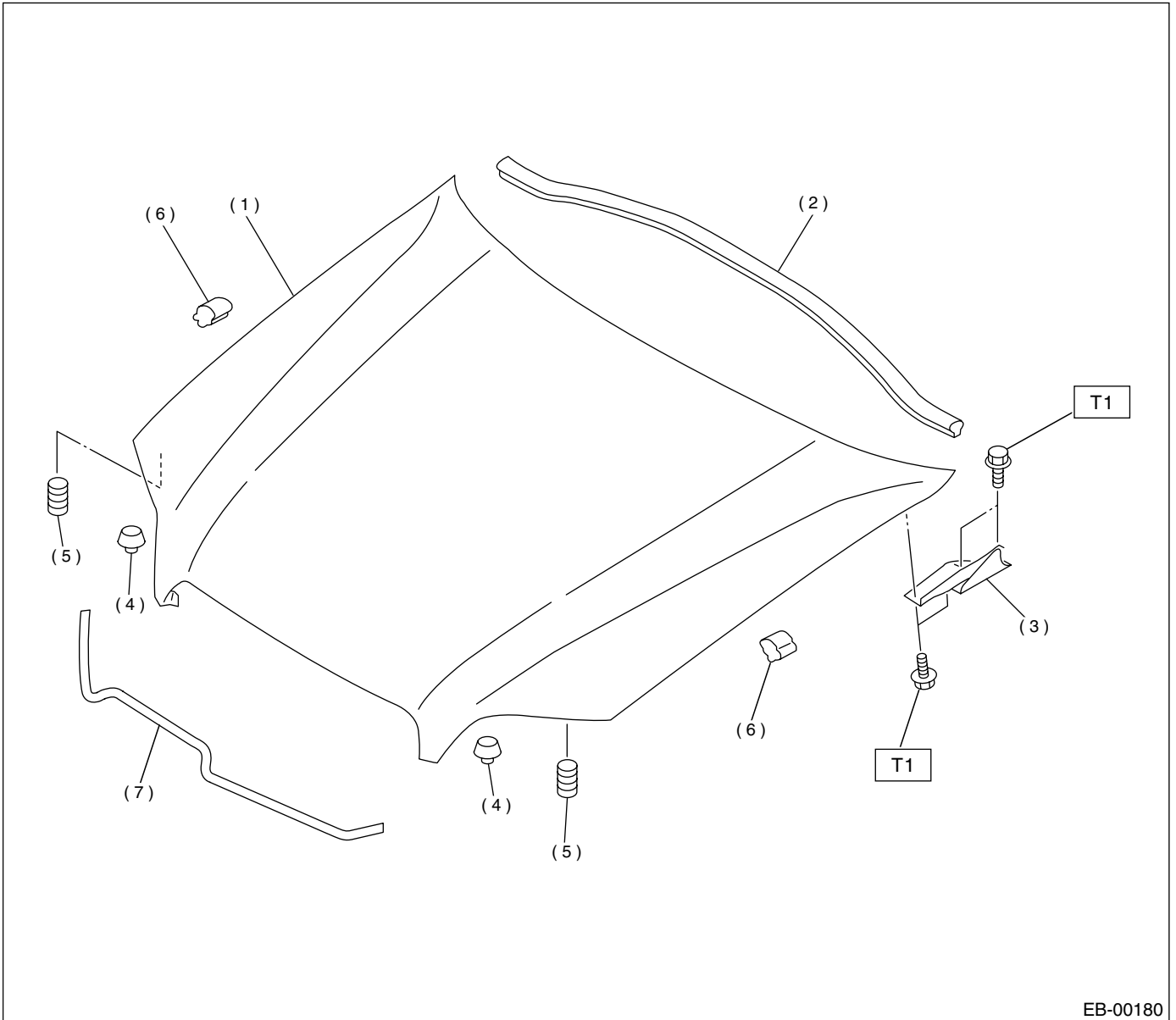


EB-00073

- | | | |
|----------------------|------------------------|--------------------|
| (1) Front fender | (5) Section B | (9) Side sill |
| (2) Front door outer | (6) Rear door outer | (10) Section C |
| (3) Rear door outer | (7) Rear quarter outer | (11) Section D |
| (4) Section A | (8) Door panel | (12) Unit: mm (in) |

B: COMPONENT

1. FRONT HOOD



EB-00180

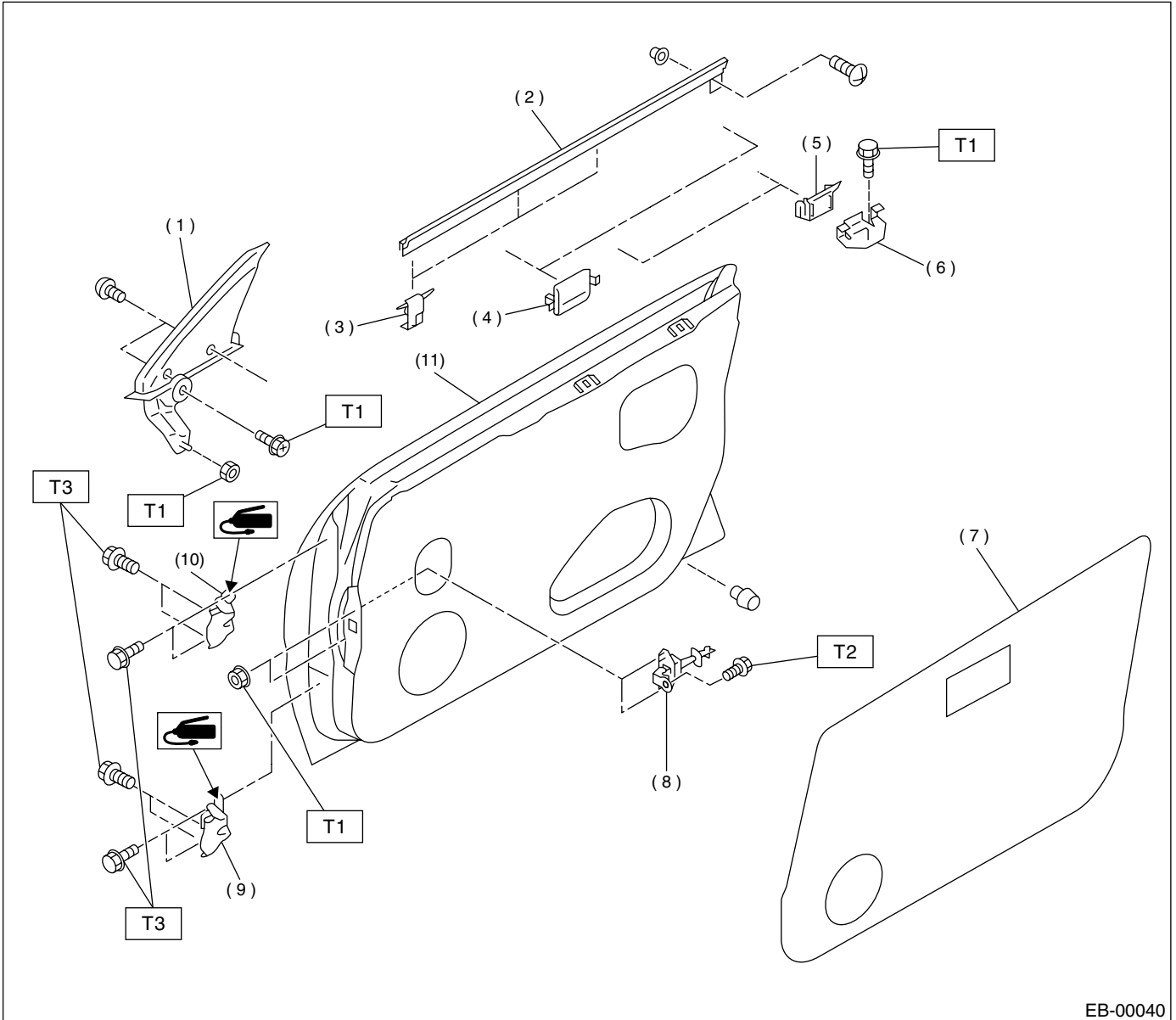
- (1) Front hood
- (2) Seal (Front hood)
- (3) Hinge
- (4) Buffer C
- (5) Buffer A
- (6) Buffer B
- (7) Seal ASSY

Tightening torque: N·m (kgf·m, ft·lb)
T1: 24.5 (2.5, 18.1)

GENERAL DESCRIPTION

EXTERIOR BODY PANELS

2. FRONT DOOR PANEL



- | | |
|--------------------------------|-------------------|
| (1) Gusset | (7) Sealing cover |
| (2) Weatherstrip (Outer) | (8) Checker |
| (3) Clip (Weatherstrip, outer) | (9) Lower hinge |
| (4) Stabilizer (Lifter) | (10) Upper hinge |
| (5) Stabilizer (Outer) | (11) Door panel |
| (6) Stabilizer (Inner) | |

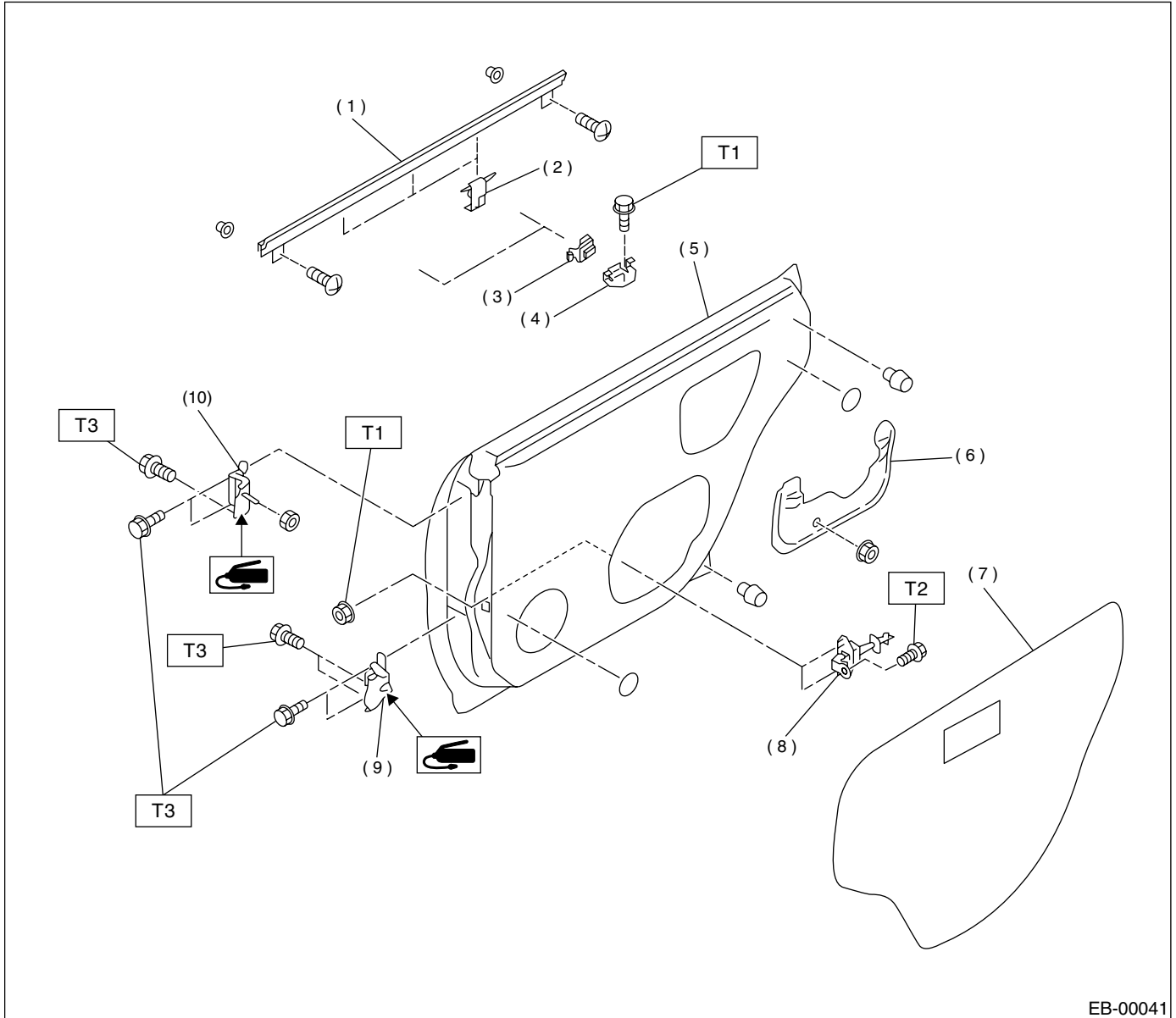
Tightening torque: N·m (kgf·m, ft·lb)

T1: 7.35 (0.75, 5.4)

T2: 18 (1.8, 13)

T3: 30 (3.1, 22.4)

3. REAR DOOR PANEL



- | | |
|--------------------------------|-------------------|
| (1) Weatherstrip (Outer) | (7) Sealing cover |
| (2) Clip (Weatherstrip, outer) | (8) Checker |
| (3) Stabilizer (Outer) | (9) Lower hinge |
| (4) Stabilizer (Inner) | (10) Upper hinge |
| (5) Door panel | |
| (6) Bracket | |

Tightening torque: N·m (kgf·m, ft·lb)

T1: 7.35 (0.75, 5.4)

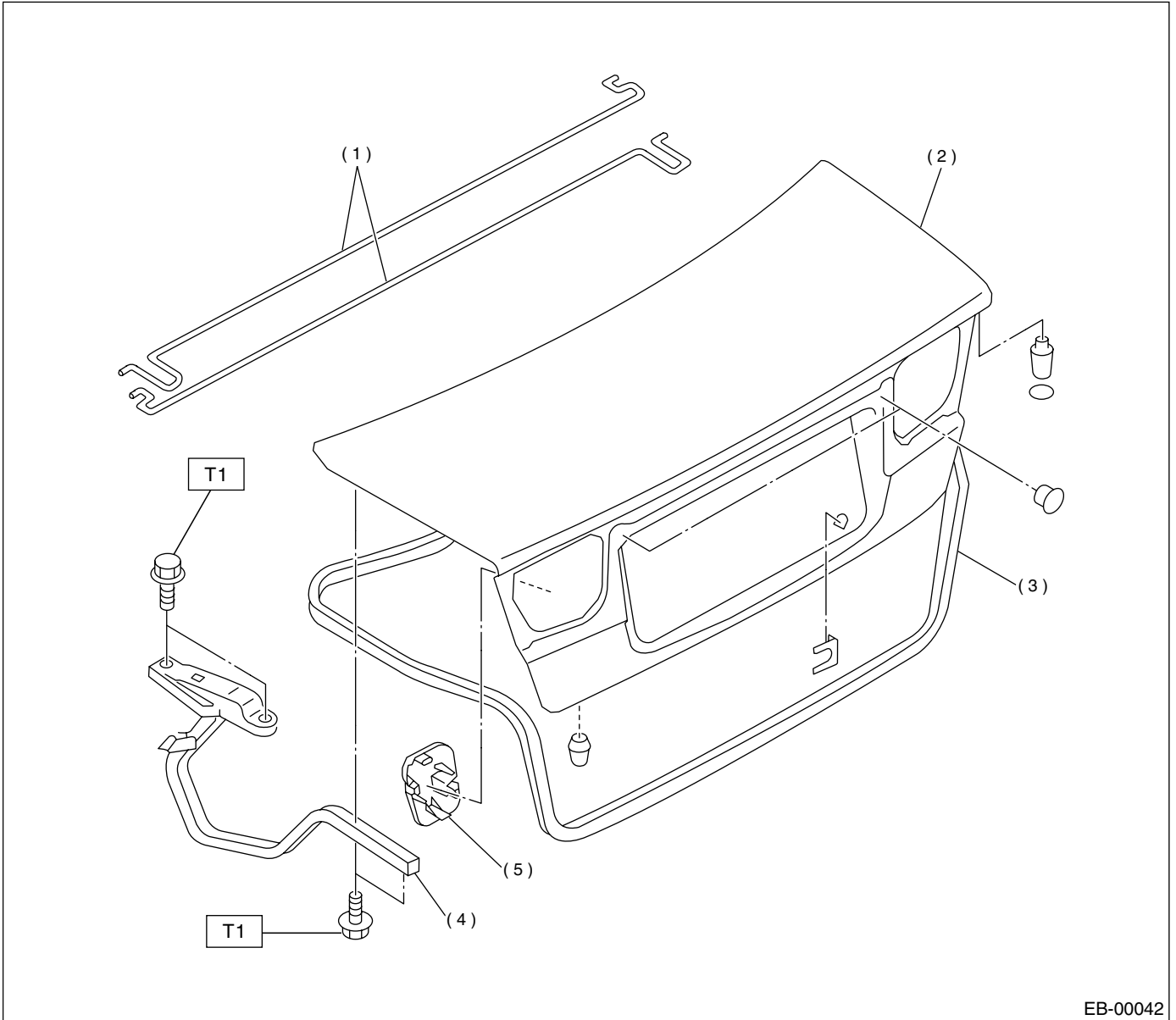
T2: 18 (1.8, 13)

T3: 30 (3.1, 22.4)

GENERAL DESCRIPTION

EXTERIOR BODY PANELS

4. TRUNK LID PANEL



EB-00042

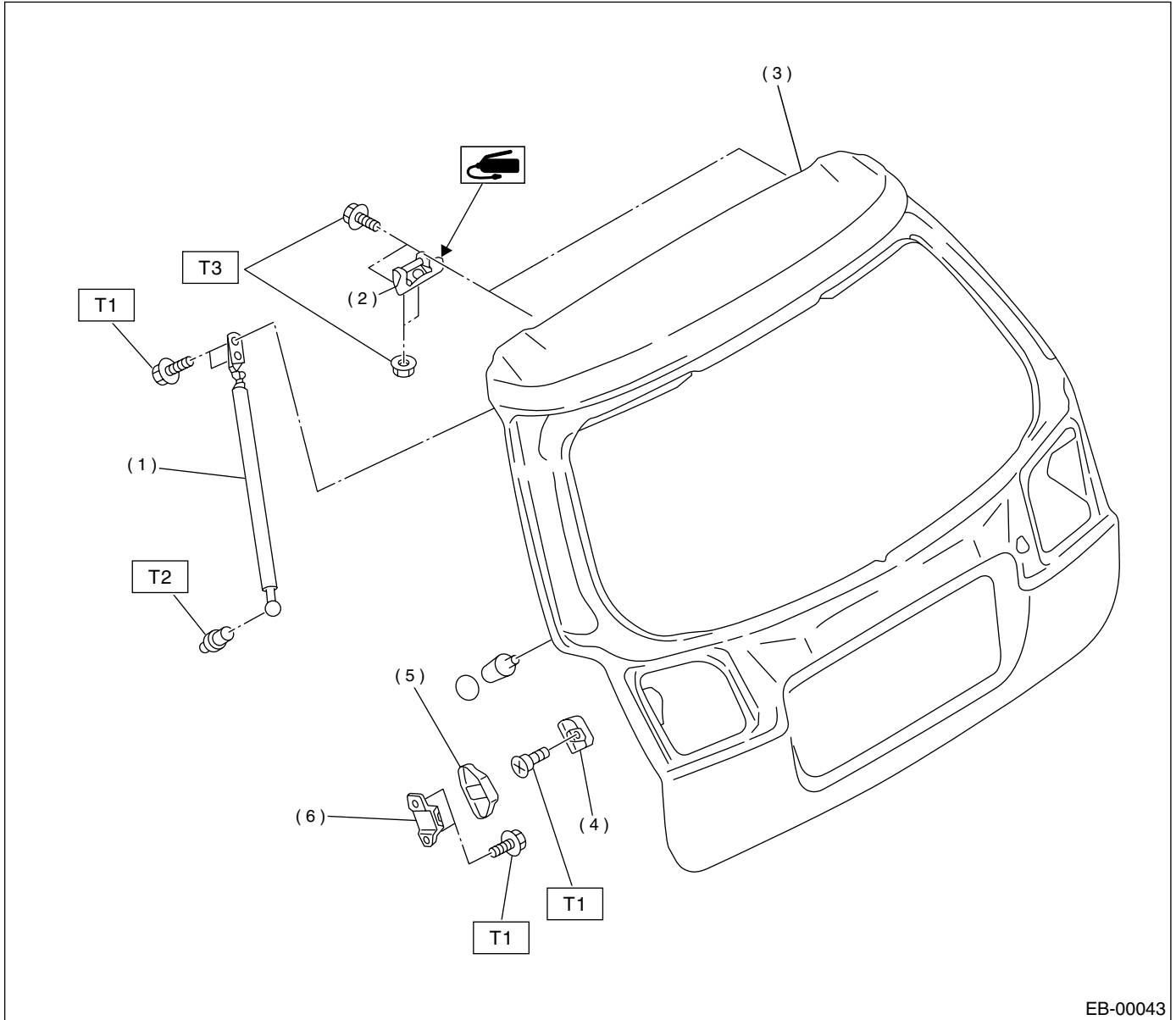
- (1) Torsion bar
- (2) Trunk lid
- (3) Weatherstrip

- (4) Hinge ASSY
- (5) Cover

Tightening torque: N·m (kgf·m, ft·lb)

T1: 18 (1.8, 13)

5. REAR GATE PANEL



EB-00043

- | | |
|---------------|------------------------|
| (1) Gas stay | (4) Buffer (Rear gate) |
| (2) Hinge | (5) Buffer cover |
| (3) Rear gate | (6) Buffer (Back door) |

Tightening torque: N·m (kgf-m, ft-lb)

T1: 7.5 (0.76, 5.5)

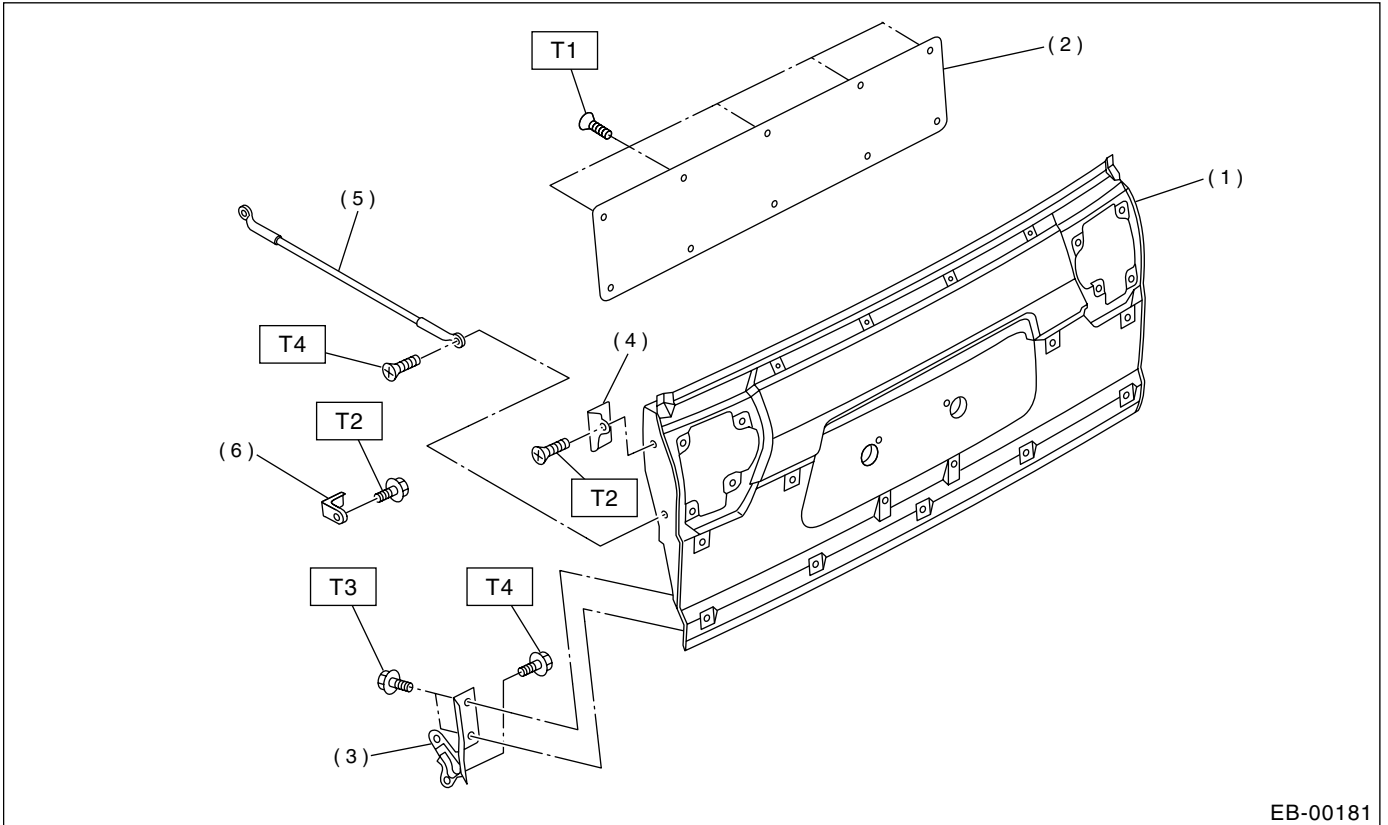
T2: 14 (1.4, 10.1)

T3: 25 (2.5, 18.1)

GENERAL DESCRIPTION

EXTERIOR BODY PANELS

6. TAIL GATE PANEL



- (1) Tail gate
- (2) Tail gate cover
- (3) Hinge
- (4) Protector
- (5) Tail gate cable
- (6) Buffer

Tightening torque: N·m (kgf·m, ft·lb)

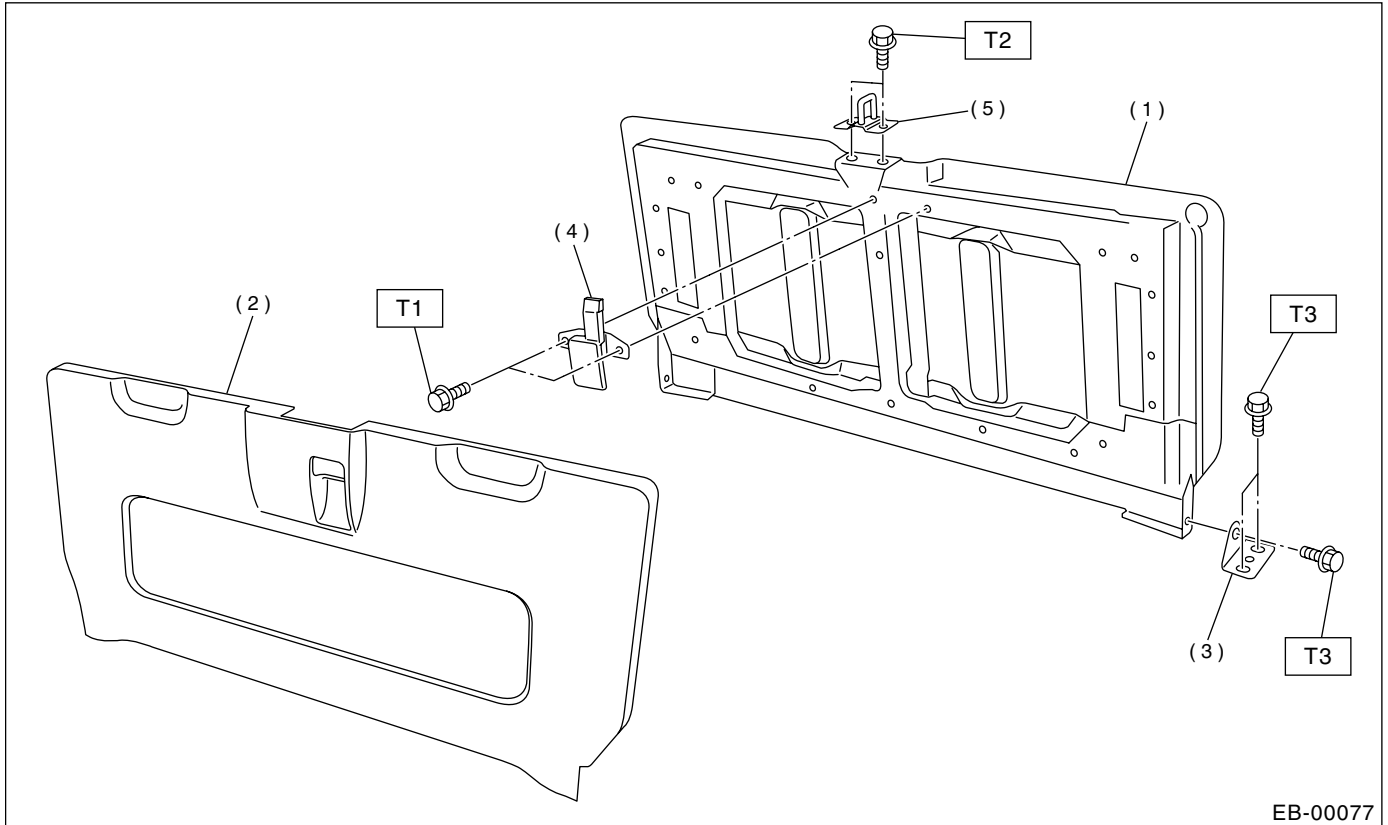
T1: 2 (0.2, 1.4)

T2: 7.5 (0.76, 5.5)

T3: 25 (2.5, 18.1)

T4: 30 (3.1, 22.4)

7. SWITCH BACK GATE



- | | |
|----------------------|-------------------|
| (1) Switch back gate | (4) Release lever |
| (2) Cover | (5) Striker |
| (3) Hinge | |

Tightening torque: N·m (kgf·m, ft·lb)

T1: 7.5 (0.76, 5.5)

T2: 18 (1.8, 13)

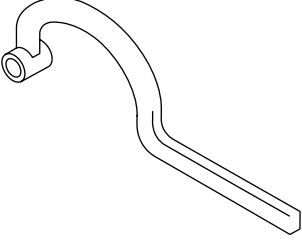
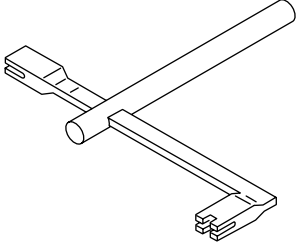
T3: 27.5 (2.80, 20.3)

GENERAL DESCRIPTION

EXTERIOR BODY PANELS

C: PREPARATION TOOL

1. SPECIAL TOOLS

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST-925610000	925610000	WRENCH	Used for removing and installing door hinge.
 ST-927780000	927780000	REMOVER	Used for removing and installing trunk torsion bar.

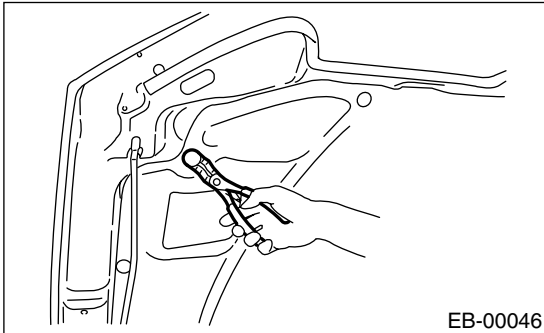
2. GENERAL TOOL

TOOL NAME	REMARKS
Support Jack	Used for supporting door panel.

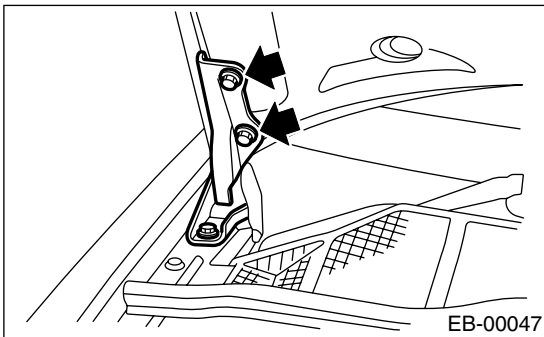
2. Front Hood

A: REMOVAL

- 1) Open front hood to remove washer nozzles.
- 2) Release clips to remove hood insulator.



- 3) Remove bolts to disconnect hood from hinges.



B: INSTALLATION

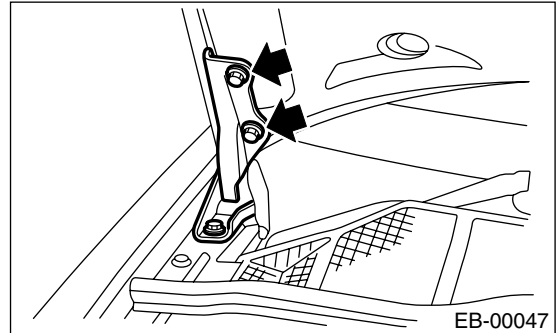
- 1) Install in the reverse order of removal.
- 2) Adjust clearance between hood and fender. Clearance must be equal at both sides.

Tightening torque:

24.5 N·m (2.5 kgf·m, 18.1 ft·lb)

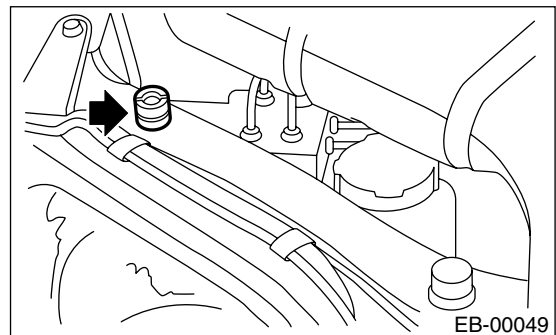
C: ADJUSTMENT

- 1) Use hinge mounting holes to align front hood longitudinally and laterally.



- 2) Adjust height at front end of hood.
<Ref. to SL-46, ADJUSTMENT, Front Hood Lock Assembly.>

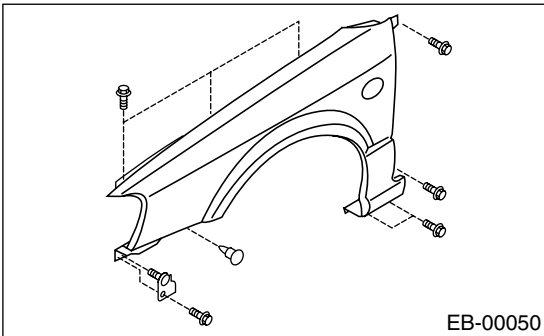
- 3) Rotate hood buffer to adjust lateral height.



3. Fender Panel

A: REMOVAL

- 1) Disconnect ground cable from battery.
- 2) Remove side sill spoilers. <Ref. to EI-37, REMOVAL, Side Sill Spoiler.> (If fitted)
- 3) Remove side protectors and fender protectors. (OUTBACK)
- 4) Remove front bumper face. <Ref. to EI-21, REMOVAL, Front Bumper.>
- 5) Remove headlights. <Ref. to LI-11, REMOVAL, Headlight Assembly.>
- 6) Remove mud guard. <Ref. to EI-31, REMOVAL, Mud Guard.>
- 7) Remove bolts and clips to remove front fender.



B: INSTALLATION

- 1) Install in the reverse order of removal.
- 2) When fender panel is installed, clearance between fender panel and hood or front fender must be equal.

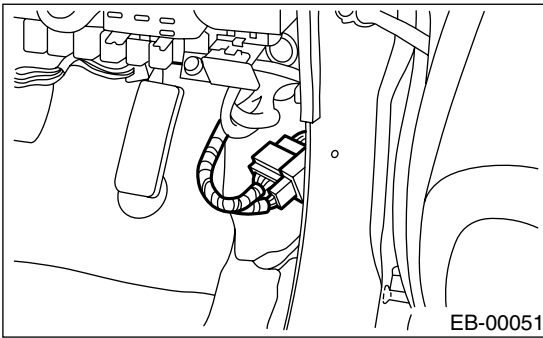
Tightening torque:

7.35 N·m (0.75 kgf-m, 5.4 ft-lb)

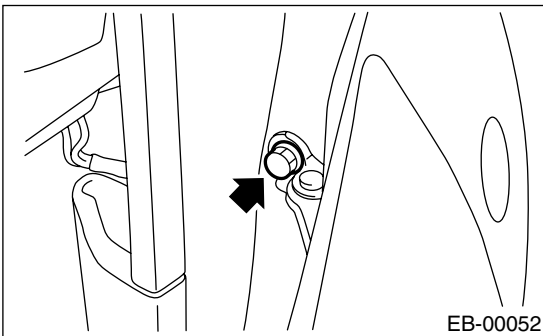
4. Front Door Panel

A: REMOVAL

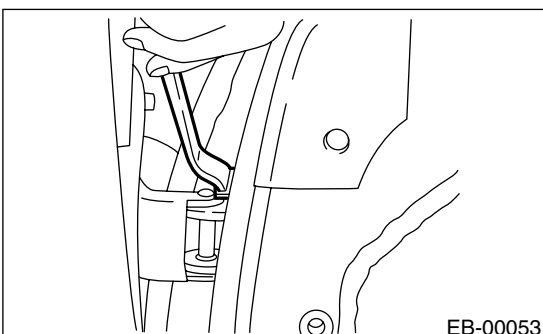
- 1) Disconnect ground cable from battery.
- 2) Remove front door trim. <Ref. to EI-40, REMOVAL, Front Door Trim.>
- 3) Remove outer mirror assembly. <Ref. to GW-33, REMOVAL, Outer Mirror Assembly.>
- 4) Remove front door regulator and motor. <Ref. to GW-16, REMOVAL, Front Regulator and Motor Assembly.>
- 5) Remove front door latch assembly. <Ref. to SL-35, REMOVAL, Front Door Latch Assembly.>
- 6) Remove front outer handle. <Ref. to SL-34, REMOVAL, Front Outer Handle.>
- 7) Remove front pillar lower trim to disconnect connector from body harness.



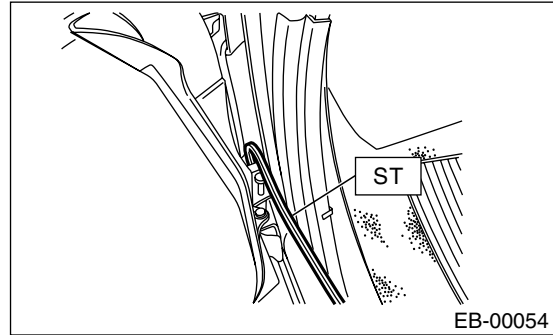
- 8) Put wooden block on jack and place jack under door. Support door with a jack to protect it from damage.
- 9) Remove checker bolts.



- 10) Remove door-side bolts for upper and lower hinges to remove door.



- 11) Using special tool, remove body-side bolts for upper and lower hinges, and remove door hinges.
ST 925610000 DOOR HINGE WRENCH



CAUTION:

- During removal and installation of doors, do not damage body.
- Doors are heavy. Be careful not to drop and damage them.

B: INSTALLATION

- 1) Install in the reverse order of removal.
- 2) Apply grease to sliding area of door hinges.

Tightening torque:

Refer to COMPONENT in General Description. <Ref. to EB-4, FRONT DOOR PANEL, COMPONENT, General Description.>

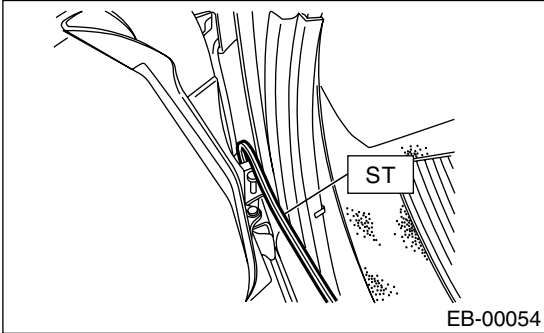
FRONT DOOR PANEL

EXTERIOR BODY PANELS

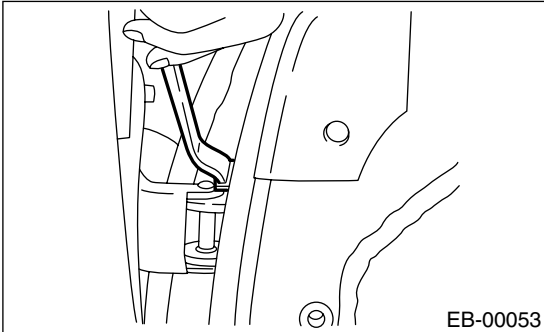
C: ADJUSTMENT

1) Using special tool, loosen body-side bolts of upper and lower hinges to align the position of front door panel longitudinally and vertically.

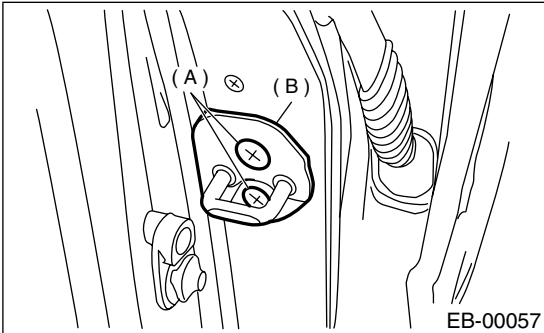
ST 925610000 DOOR HINGE WRENCH



2) Loosen door-side bolts of upper and lower hinges to align the position of front door panel vertically and laterally at the front end.



3) Loosen screw (A) and tap striker (B) using plastic hammer to adjust striker.



CAUTION:

Do not use impact wrench. Welding area on striker nut plate is easily broken.

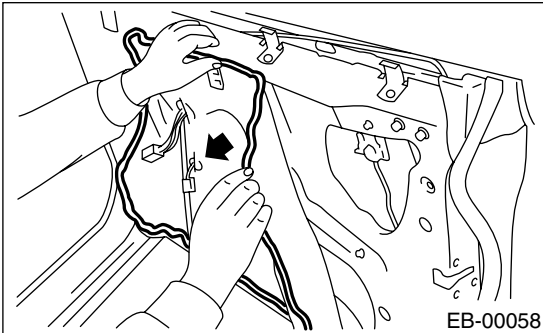
5. Front Sealing Cover

A: REMOVAL

- 1) Remove front door trim. <Ref. to EI-40, REMOVAL, Front Door Trim.>
- 2) Remove front speaker. <Ref. to ET-6, REMOVAL, Front Speaker.>

CAUTION:

- Carefully remove butyl tape. Excessive force will easily break the cover.
- If cover gets broken, replace it with a new one.



B: INSTALLATION

- 1) Install in the reverse order of removal.
- 2) When replacing sealing cover, use butyl tape.
- 3) Press sealer-applied area firmly to prevent any floating on surface.

Butyl tape:

3M8626 or equivalent

CAUTION:

- Apply a uniform bead of butyl tape.
- Attach sealing cover, keeping it from becoming wrinkled.
- Breaks in the bead will allow water leakage and contamination.

C: INSPECTION

If sealing cover is damaged, replace it with a new one.

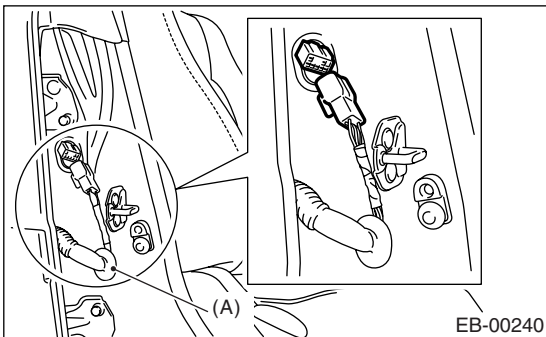
REAR DOOR PANEL

EXTERIOR BODY PANELS

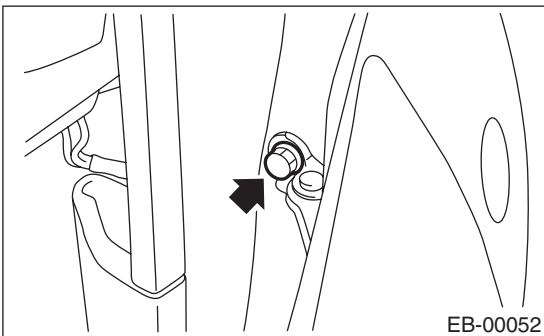
6. Rear Door Panel

A: REMOVAL

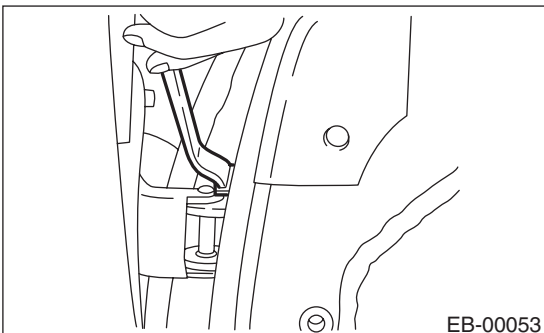
- 1) Disconnect ground cable from battery.
- 2) Remove rear door trim. <Ref. to EI-41, REMOVAL, Rear Door Trim.>
- 3) Remove rear door regulator and motor assembly. <Ref. to GW-19, REMOVAL, Rear Regulator and Motor Assembly.>
- 4) Remove rear door latch. <Ref. to SL-39, REMOVAL, Rear Door Latch Assembly.>
- 5) Remove rear outer handle. <Ref. to SL-38, REMOVAL, Rear Outer Handle.>
- 6) Remove rubber duct (A) connection from center pillar. Pull out and disconnect door harness connector.



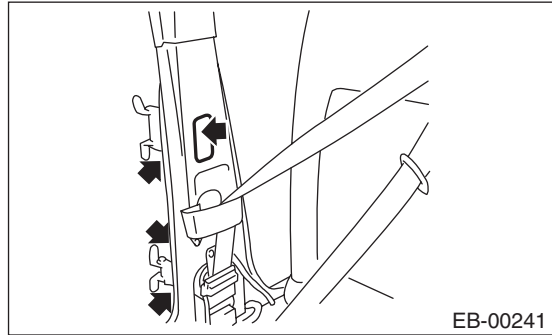
- 7) Put a wooden block on the jack and place the jack under the door. Support the door with the jack to protect it.
- 8) Remove checker bolts.



- 9) Remove door-side bolts for upper and lower hinges to remove door.



- 10) Remove center pillar lower trim. <Ref. to EI-51, REMOVAL, Lower Inner Trim.>
- 11) Remove body-side bolts and nuts for upper and lower hinges, and remove door hinges.



CAUTION:

- During removal and installation of doors, do not damage body.
- Doors are heavy. Be careful not to drop and damage them.

B: INSTALLATION

- 1) Install in the reverse order of removal.
- 2) Apply grease to sliding area of door hinges.

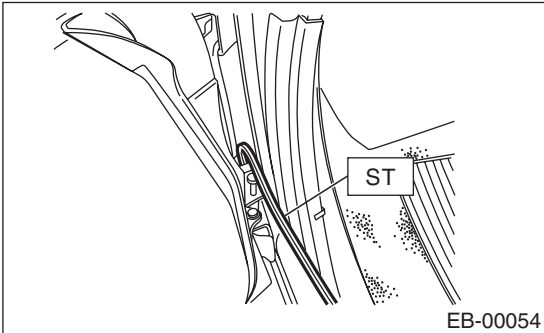
Tightening torque:

Refer to COMPONENT in General Description. <Ref. to EB-5, REAR DOOR PANEL, COMPONENT, General Description.>

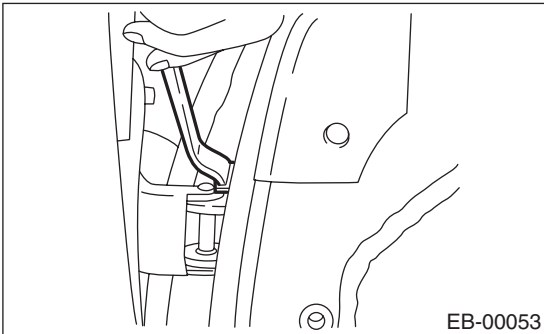
C: ADJUSTMENT

1) Using special tool, loosen body-side bolts of upper and lower hinges to align the position of rear door panel longitudinally and vertically.

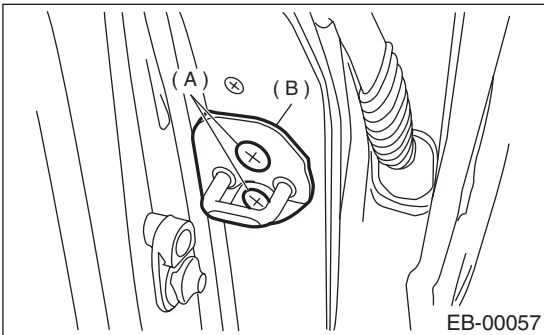
ST 925610000 WRENCH



2) Loosen door-side bolts of upper and lower hinges to align the position of rear door panel vertically and laterally at front-end.



3) Loosen screw (A) and tap striker (B) using plastic hammer to adjust striker.



CAUTION:

Do not use an impact wrench. The welding area on the striker nut plate is easily broken.

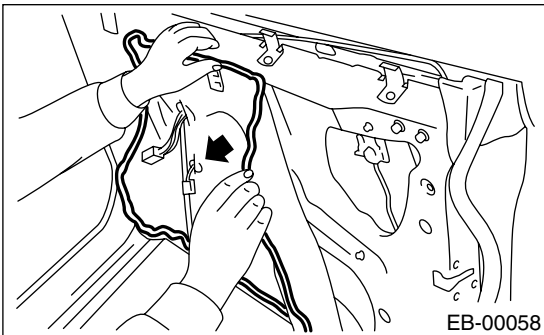
7. Rear Sealing Cover

A: REMOVAL

- 1) Remove rear door trim. <Ref. to EI-41, REMOVAL, Rear Door Trim.>
- 2) Remove rear speaker. <Ref. to ET-8, REMOVAL, Rear Speaker.>

CAUTION:

- Carefully remove butyl tape. Excessive force will easily break the cover.
- If cover gets broken, replace it with a new one.



B: INSTALLATION

- 1) Install in the reverse order of removal.
- 2) When replacing sealing cover, use butyl tape.
- 3) Press sealer-applied area firmly to prevent any floating on surface.

Butyl tape:

3M8626 or equivalent

CAUTION:

- Apply an uniform bead of butyl tape.
- Attach sealing cover, keeping it from becoming wrinkled.
- Breaks in the bead will allow water leakage and contamination.

C: INSPECTION

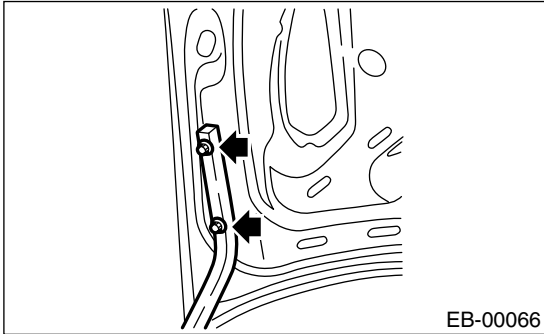
If sealing cover gets damaged, replace it with a new one.

8. Trunk Lid Panel

A: REMOVAL

1. TRUNK LID

- 1) Open trunk lid.
- 2) Disconnect trunk lid connector.
- 3) Loosen trunk lid mounting bolts to remove trunk lid from hinges.



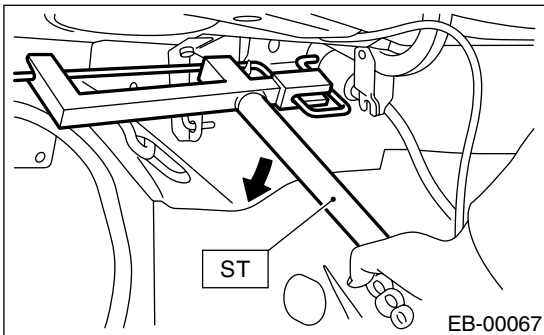
2. TORSION BAR

- 1) Open trunk lid.
- 2) Using special tool, remove torsion bar from hinge link.

ST 927780000 REMOVER

CAUTION:

During removal and installation, carefully handle torsion bar. It will generate reactive force.



- 3) Remove right/left torsion bars.

CAUTION:

After the torsion bar is removed, the trunk lid will slam shut. Be careful not to get hit by the trunk lid.

B: INSTALLATION

1. TRUNK LID

- 1) Install in the reverse order of removal.
- 2) Install trunk lid with uniform clearance.

2. TORSION BAR

- 1) Install in the reverse order of removal.
- 2) Apply grease to rotating area of hinges and mating surface of torsion bar.

Tightening torque:

18 N·m (1.8 kgf·m, 13.0 ft·lb)

REAR GATE PANEL

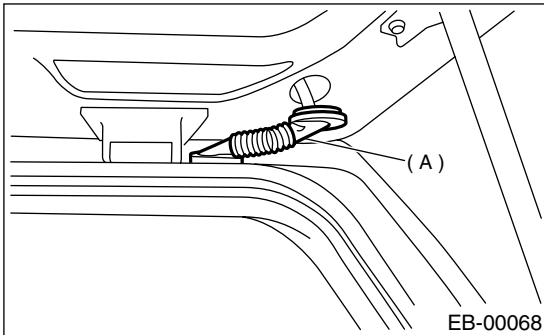
EXTERIOR BODY PANELS

9. Rear Gate Panel

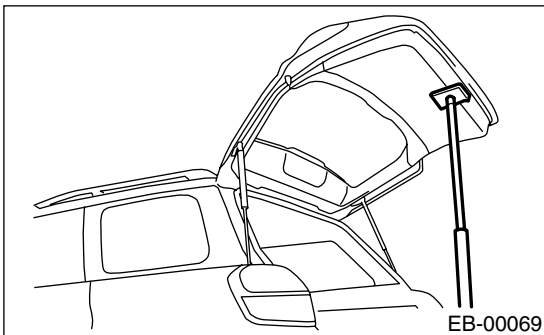
A: REMOVAL

1. REAR GATE PANEL

- 1) Open rear gate.
- 2) Remove rear gate outer handle. <Ref. to SL-41, REMOVAL, Rear Gate Outer Handle.>
- 3) Remove rear gate latch assembly. <Ref. to SL-42, REMOVAL, Rear Gate Latch Assembly.>
- 4) Remove rear gate trim. <Ref. to EI-57, REMOVAL, Rear Gate Trim.>
- 5) Remove rear gate key lock cylinders. <Ref. to SL-49, REAR GATE, REPLACEMENT, Key Lock Cylinders.>
- 6) Remove rear finisher light assembly. <Ref. to LI-21, REMOVAL, Rear Finisher Light Assembly.>
- 7) Remove rear wiper. <Ref. to WW-15, REMOVAL, Rear Wiper Motor.>
- 8) Disconnect connectors of rear wiper, rear defogger, and other lighting devices.
- 9) Disconnect washer hose.
- 10) Remove rubber duct (A) connection, and pull out harness and washer hose from rear gate.



- 11) Using a support, support the rear gate while removing gas stay mounting bolts.



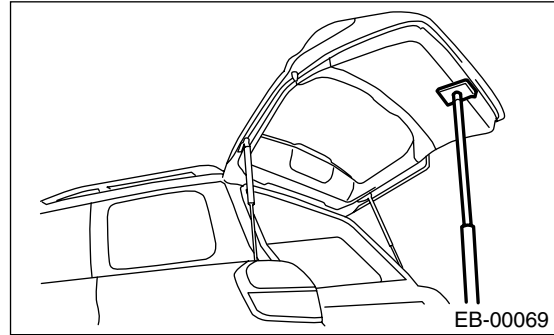
CAUTION:

When the rear gate is released, it may hit and damage the body. To prevent this, place a shop cloth between body and gate.

- 12) Loosen rear gate bolts to remove rear gate.

2. GAS STAY

- 1) Open rear gate. Using a jack to support the rear gate.



CAUTION:

- After gas stay is removed, rear gate cannot stay open. Supporting the rear gate with a jack, remove the bolts.

- Do not damage piston rods and oil seals.
- Never disassemble cylinders: They contain gas.

- 2) Loosen bolts to remove gas stay from rear gate.

B: INSTALLATION

1. REAR GATE PANEL

- 1) Install in the reverse order of removal.
- 2) Install rear gate panel with uniform clearance to body.

CAUTION:

Do not damage painted surfaces of body and rear gate.

2. GAS STAY

Install in the reverse order of removal.

CAUTION:

- Do not confuse right and left sides of gas stay.

- After supporting rear gate with a jack, start operation.

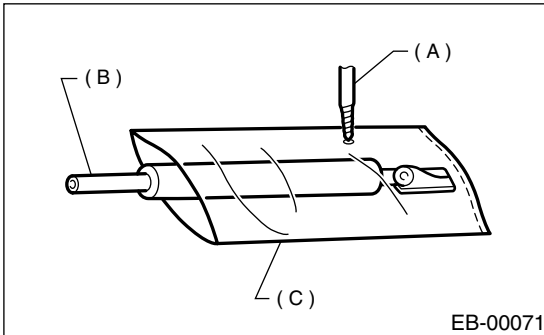
Tightening torque:

Refer to COMPONENT in General Description. <Ref. to EB-7, REAR GATE PANEL, COMPONENT, General Description.>

C: DISPOSAL

1. GAS STAY

1) Place the gas stay (B) in a vinyl sack (C) before drilling hole with a drill (A).



CAUTION:

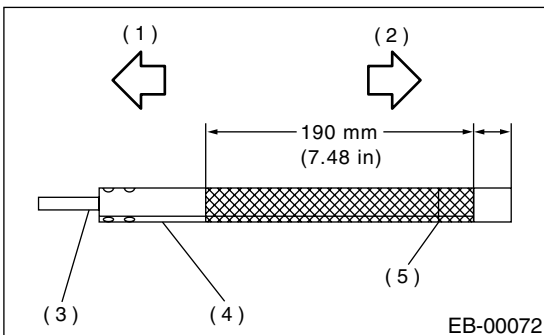
Prevent the vinyl case from being caught by drill cutting edge

2) Lift body side slightly with piston rods fully extended, and secure body side on vise stand.

Drill a hole in 2 to 3 mm (0.08 to 0.12 in) diameter at a point 10 to 200 mm (0.39 to 7.87 in) from door side, and bleed gas stay completely.

CAUTION:

Gas is colorless, odorless, and harmless. However, gas pressure may spray cutting powder or oil. Be sure to wear dust-resistant goggles.



- (1) Body side
- (2) Door side
- (3) Piston rod
- (4) Cylinder
- (5) Portion to be drilled

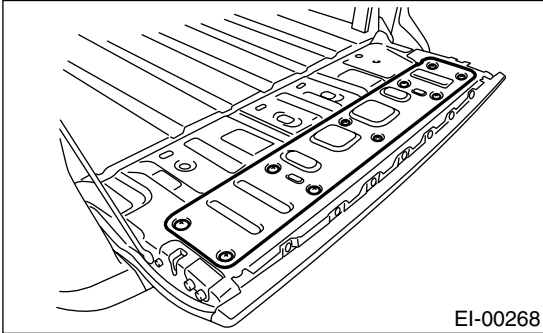
TAIL GATE PANEL

EXTERIOR BODY PANELS

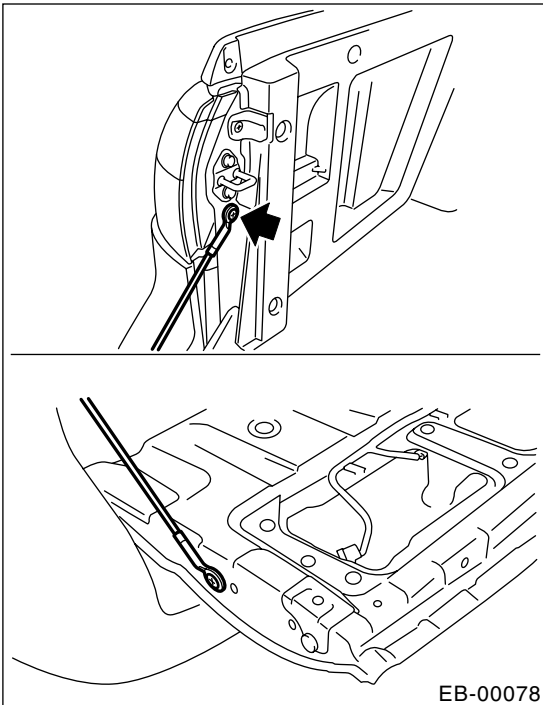
10. Tail Gate Panel

A: REMOVAL

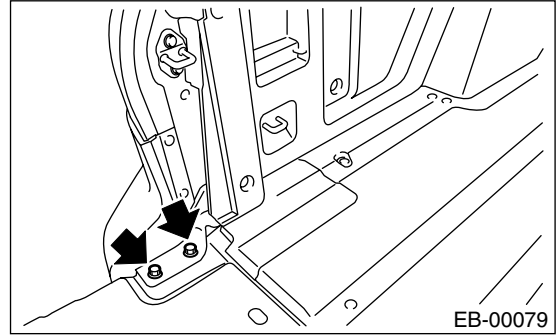
- 1) Remove tail gate tray. <Ref. to EI-73, REMOVAL, Tail Gate Tray.>
- 2) Remove tail gate cover.



- 3) Remove rear finisher right. <Ref. to LI-21, PICKUP, REMOVAL, Rear Finisher Light Assembly.>
- 4) Remove tail gate garnish. <Ref. to EI-72, REMOVAL, Tail Gate Garnish.>
- 5) Remove tail gate latch. <Ref. to SL-60, REMOVAL, Tail Gate Latch Assembly.>
- 6) Remove tail gate outer handle. <Ref. to SL-59, REMOVAL, Tail Gate Outer Handle.>
- 7) Remove wire harness.
- 8) Remove tail gate cable.



- 9) Remove bolts and detach tail gate.



B: INSTALLATION

Install in the reverse order of removal.

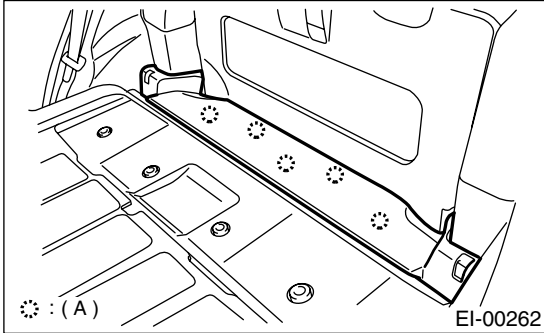
Tightening torque:

25 N·m (2.6 kgf-m, 18 ft-lb)

11. Switch Back Gate

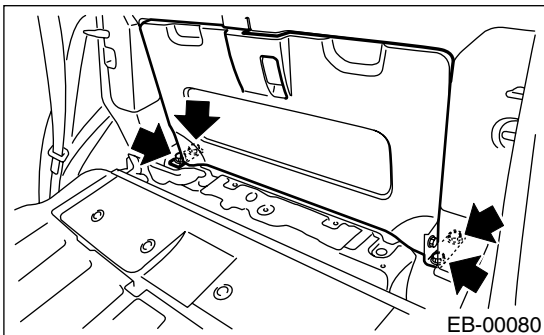
A: REMOVAL

- 1) Pull up rear seat cushion, put down rear seat backrest.
- 2) Remove floor trim panel.



(A) Clip

- 3) Remove bolts, and detach switch back gate.



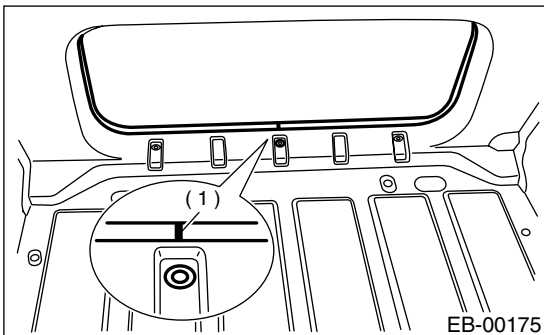
- 4) Remove weatherstrip.

B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Mount weatherstrip by aligning silver line mark with back panel tray center bolt.

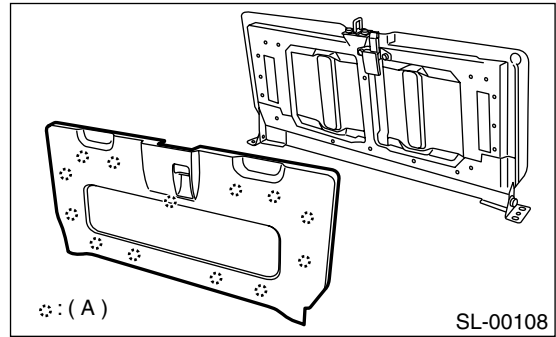


(1) White line mark

Tightening torque:
27.5 N·m (2.80 kgf·m, 20.3 ft·lb)

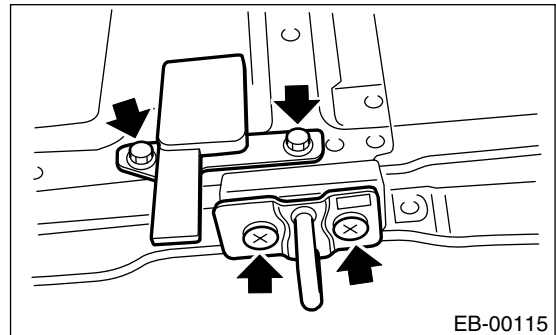
C: DISASSEMBLY

- 1) Remove switch back gate. <Ref. to EB-23, REMOVAL, Switch Back Gate.>
- 2) Remove switch back gate inner cover.



(A) Clip

- 3) Remove switch back gate handle and striker.



SWITCH BACK GATE

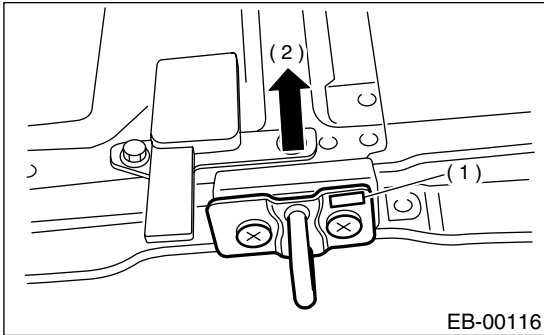
EXTERIOR BODY PANELS

D: ASSEMBLY

Install in the reverse order of removal.

NOTE:

- Install striker with marked portion facing vehicle front.



- (1) Marking
- (2) Vehicle front

- There are left/right indicating marks on the switch back gate hinge. When installing, do not mistake the direction.

	Marking
RH	65R
LH	65L

Tightening torque:

Release lever:

7.5 N·m (0.76 kgf-m, 5.5 ft-lb)

Striker:

18 N·m (1.8 kgf-m, 13 ft-lb)