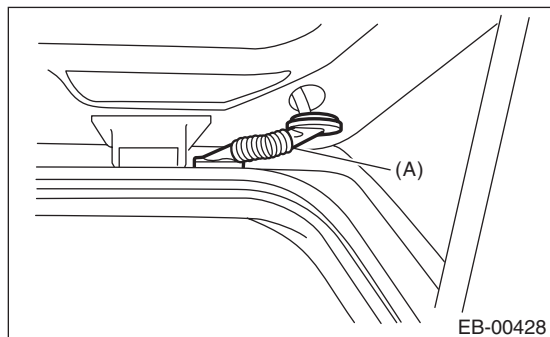


10. Rear Gate

A: REMOVAL

1. REAR GATE PANEL

- 1) Disconnect the ground cable from battery.
- 2) Remove the rear gate trim. <Ref. to EI-69, REMOVAL, Rear Gate Trim.>
- 3) Remove the rear finisher light assembly. <Ref. to LI-29, REMOVAL, Rear Finisher Light Assembly.>
- 4) Remove the rear gate garnish. <Ref. to EI-72, REMOVAL, Rear Gate Garnish.>
- 5) Remove the rear wiper arm. <Ref. to WW-20, REMOVAL, Rear Wiper Arm.>
- 6) Remove the rear wiper motor. <Ref. to WW-21, REMOVAL, Rear Wiper Motor.>
- 7) Remove the rear gate latch and actuator assembly. <Ref. to SL-37, REMOVAL, Rear Gate Latch and Actuator Assembly.>
- 8) Remove the roof spoiler. <Ref. to EI-41, REMOVAL, Roof Spoiler.>
- 9) Remove the rubber duct (A) connection.

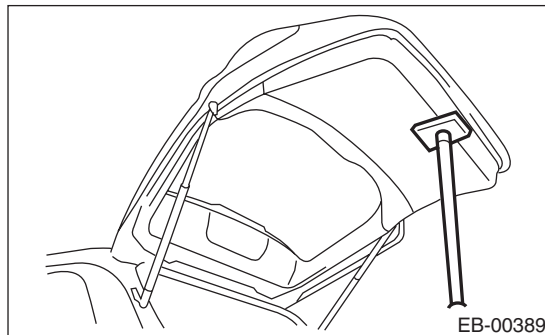


- 10) Remove harness clip of each connector from the rear gate panel.
- 11) Pull out the harness and washer hose from the rear gate.

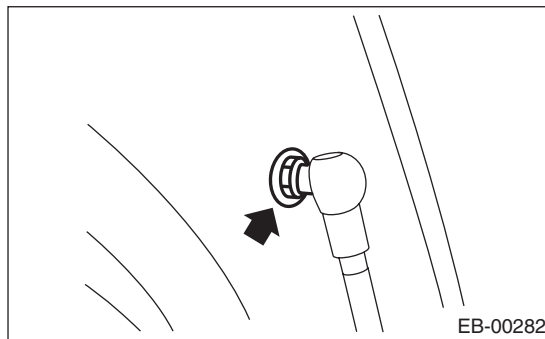
- 12) Before removing the rear gate damper stay, prevent the rear gate from closing using prop or the like.

CAUTION:

If the prop comes off, operators may get injured and vehicle may get damaged. Make sure to support the rear gate with secure material to prevent injury or damage.



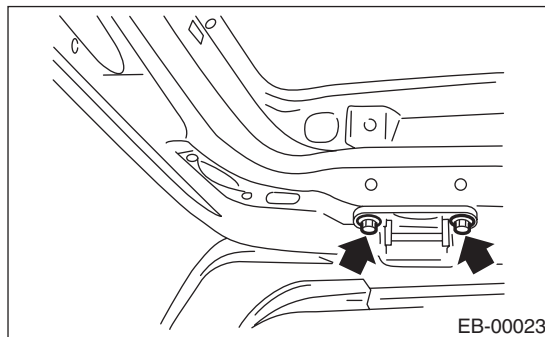
- 13) Remove the mounting bolt of rear gate damper stay.



- 14) Remove the rear gate hinge bolt, and remove the rear gate panel.

CAUTION:

Rear gate panels are heavy. When removing and installing them, always work in a team of two or more persons.



- 15) Remove the rear gate hinge from the vehicle.

2. REAR GATE DAMPER STAY

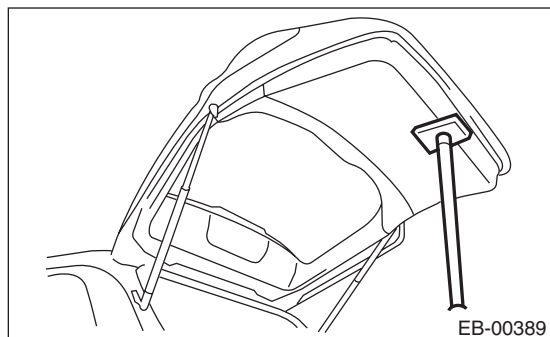
CAUTION:

- Do not damage piston rods and oil seals.
- Never disassemble cylinders: They contain gas.
- Rear gate panels are heavy. When removing and installing them, always work in a team of two or more persons.

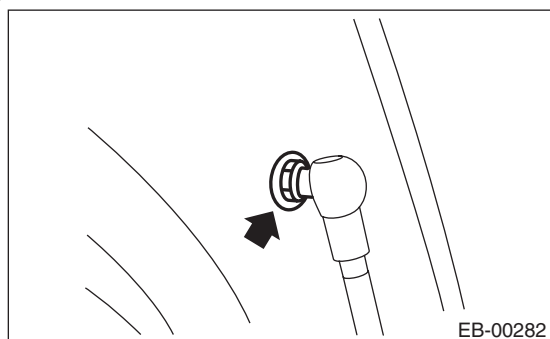
1) Before removing the rear gate damper stay, prevent the rear gate from closing using prop or the like.

CAUTION:

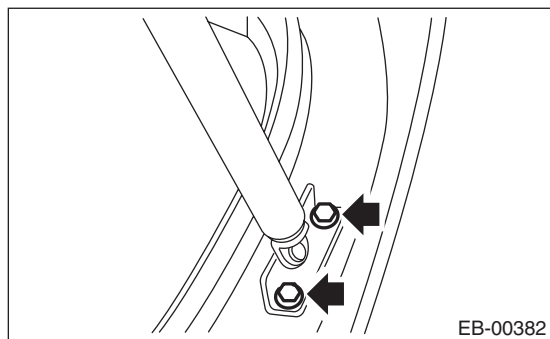
If the prop comes off, operators may get injured and vehicle may get damaged. Make sure to support the rear gate with secure material to prevent injury or damage.



2) Remove the mounting bolt of rear gate damper stay.



3) Remove mounting bolt, and remove the damper stay.



B: INSTALLATION

1. REAR GATE PANEL

CAUTION:

Rear gate panels are heavy. When removing and installing them, always work in a team of two or more persons.

1) Install each part in the reverse order of removal.

Tightening torque:

25 N·m (2.55 kgf-m, 18.4 ft-lb)

2) Install while paying attention to make a uniform clearance around the rear gate panel. For the dimension of clearance, refer to "SPECIFICATION" in "General Description". <Ref. to EB-2, SPECIFICATION, General Description.>

2. REAR GATE DAMPER STAY

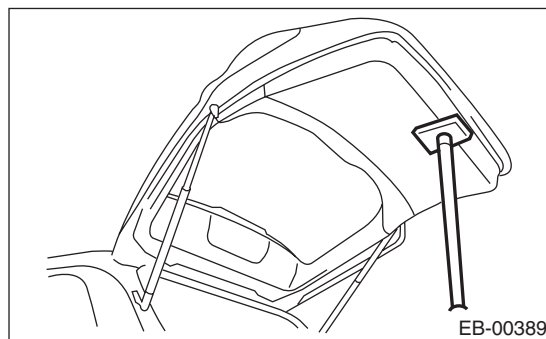
CAUTION:

Rear gate panels are heavy. When removing and installing them, always work in a team of two or more persons.

1) Prevent the rear gate from closing using prop or the like.

CAUTION:

If the prop comes off, operators may get injured and vehicle may get damaged. Make sure to support the rear gate with secure material to prevent injury or damage.



2) Install each part in the reverse order of removal.

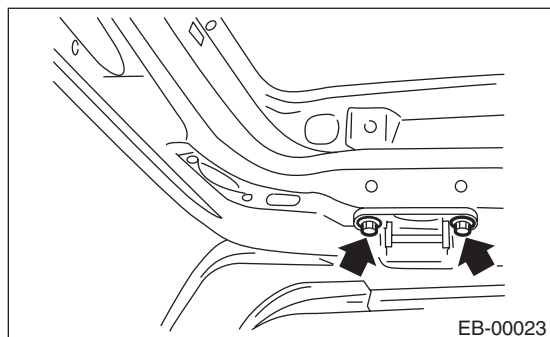
Tightening torque:

Refer to "COMPONENT" of "General Description". <Ref. to EB-12, REAR GATE, COMPONENT, General Description.>

C: ADJUSTMENT

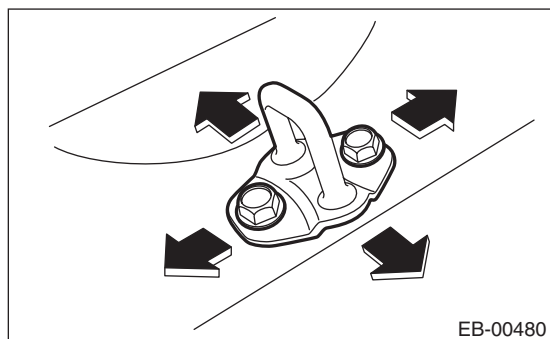
For the dimension of panel around the rear gate panel, refer to "SPECIFICATION" in "General Description". <Ref. to EB-2, SPECIFICATION, General Description.>

1) Align the rear gate panel longitudinal and lateral position.



- (1) Loosen the hinge attaching bolts.
- (2) Align the rear gate panel longitudinal and lateral panel dimension.

2) Adjust the gap between rear gate panel and body surface.



- (1) Loosen the bolt.
- (2) Tap striker using plastic hammer to adjust the gap between rear gate panel and body surface.

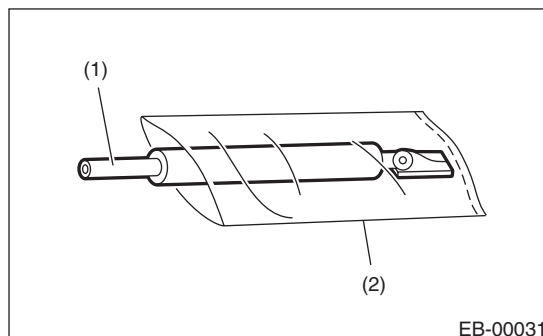
D: DISPOSAL

1. REAR GATE DAMPER STAY

CAUTION:

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

1) Cover with a vinyl sack as shown in the figure.



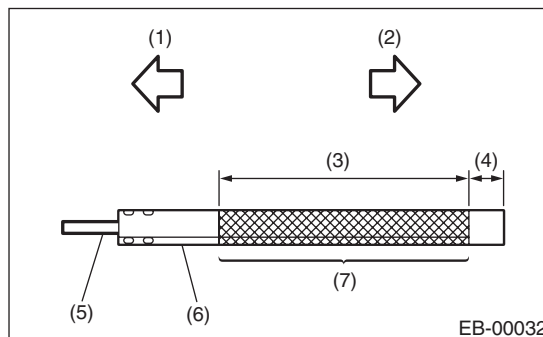
- (1) Rear gate damper stay
- (2) Vinyl sack

NOTE:

Prevent the vinyl sack from being caught by drill cutting edge.

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

Drill a hole of 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 the body side, and bleed the gas in the rear gate damper completely.



- (1) Door side
- (2) Body side
- (3) 190 mm (7.48 in)
- (4) 10 mm (0.39 in)
- (5) Piston rod
- (6) Cylinder
- (7) Portion to be drilled