

15.Rear Gate Glass

A: REMOVAL

1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For the 12 volt engine restart battery of HEV model, disconnect the ground terminal from 12V engine restart battery sensor.

2) Remove the roof spoiler. (XV model) <Ref. to EI-71, REMOVAL, Roof Spoiler.>

3) Remove the trim panel - rear gate and the motor assembly - rear wiper. <Ref. to WW-47, REMOVAL, Rear Wiper Motor.>

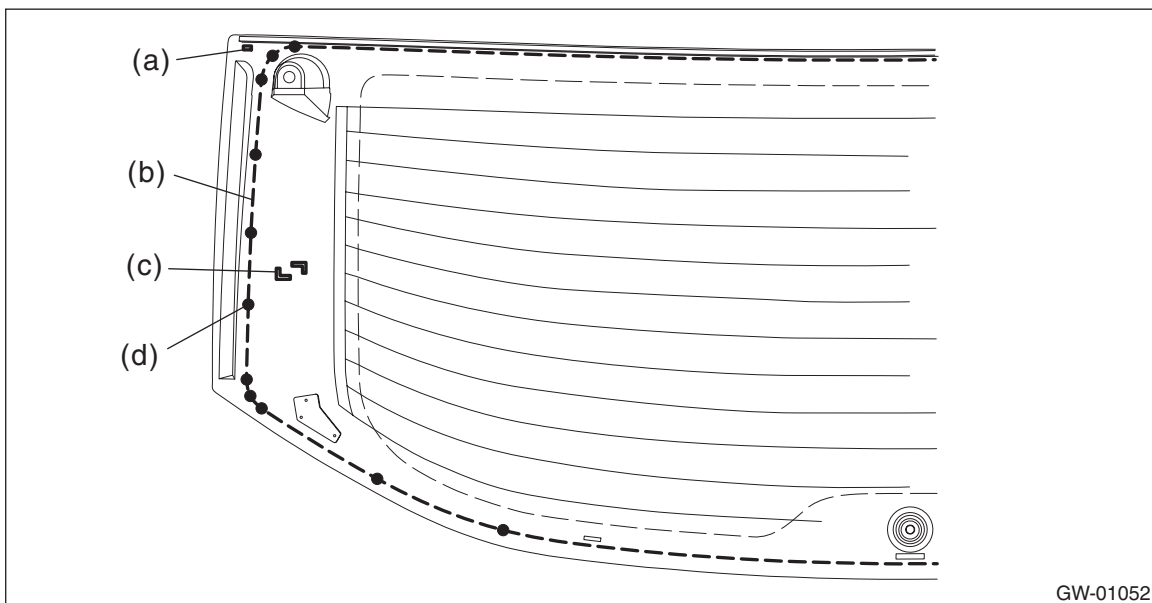
4) Disconnect the rear defogger connector.

5) Remove the glass - rear gate in the same procedure as for the glass - front window. <Ref. to GW-35, REMOVAL, Windshield Glass.>

B: INSTALLATION

NOTE:

Use the markings on the glass to apply adhesive and primer, and to install the dam rubber - rear gate and the spacer - rear gate.



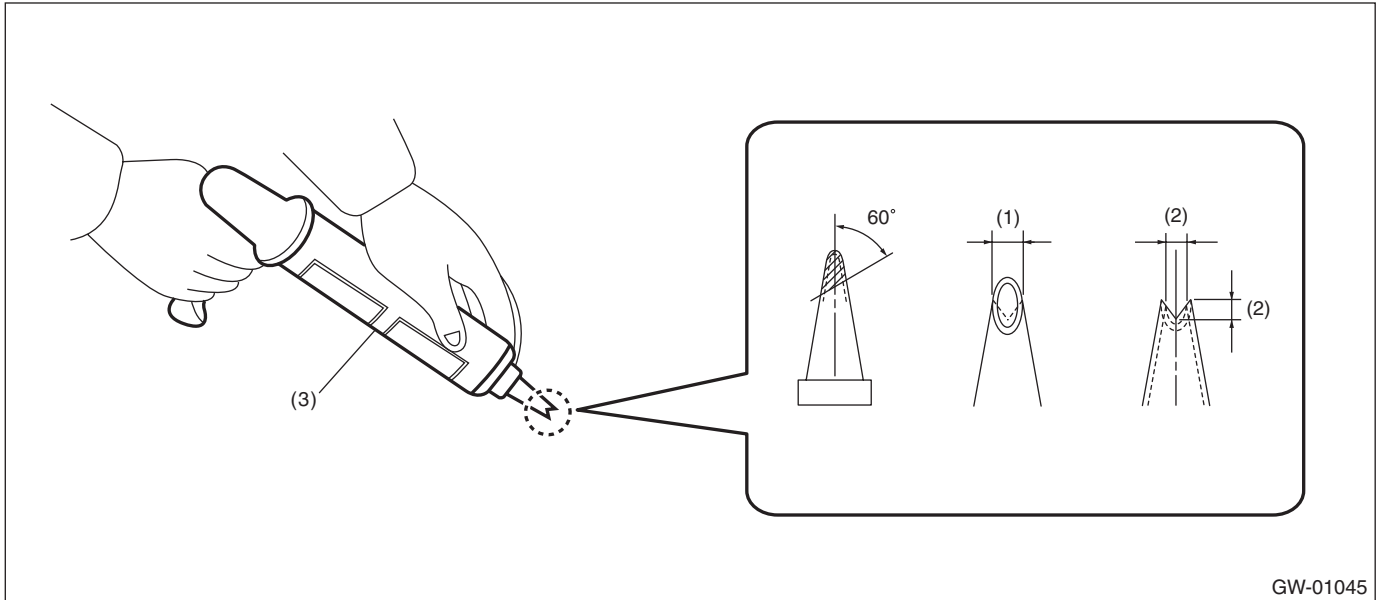
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|---|---|------------------------------------|
| (a) Marking for dam rubber - rear gate application (Ag print) | (c) Marking for spacer - rear gate application (Ag print) | (d) Marking for primer application |
| (b) Center line for adhesive | | |

Rear Gate Glass

GLASS/WINDOWS/MIRRORS

1) Fabricate the cartridge nozzle tip as shown and set the sealant gun with the adhesive.



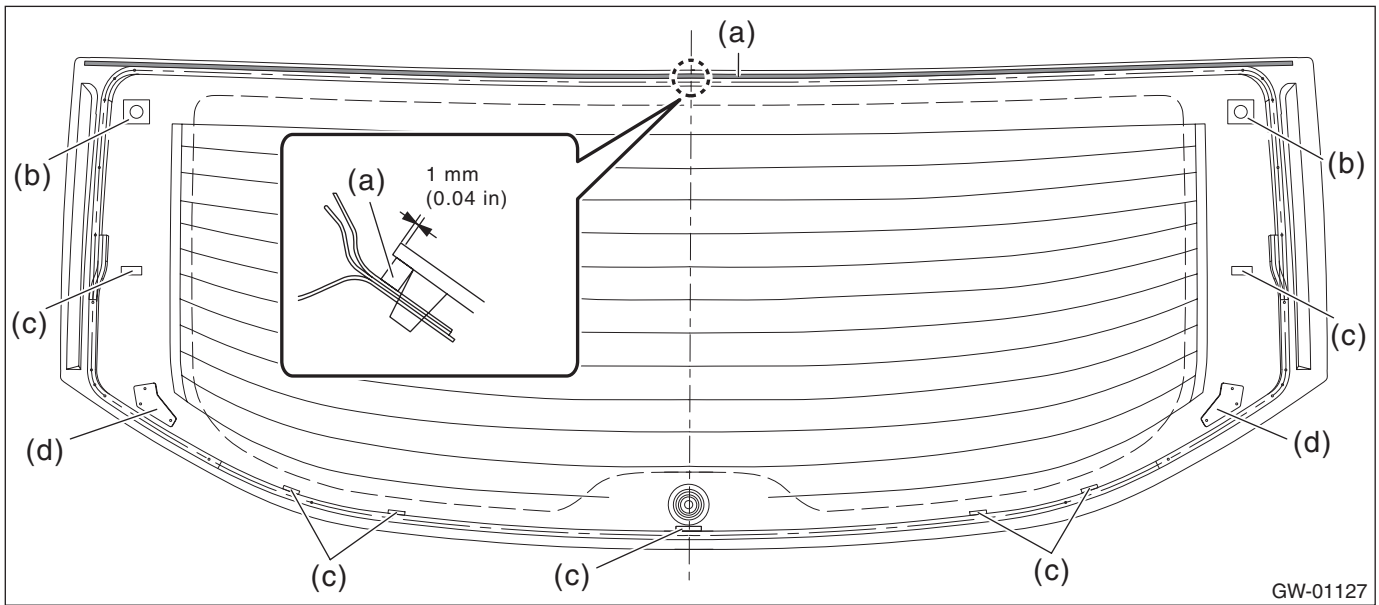
(1) 10 mm (0.39 in)

(2) 8 mm (0.31 in)

(3) Sealant gun

2) Smoothen and clean the adhesive surfaces of the glass - rear gate and body using the same procedures as for the glass - front window. <Ref. to GW-38, INSTALLATION, Windshield Glass.>

3) Attach the dam rubber - rear gate to the glass - rear gate.



(a) Dam rubber - rear gate

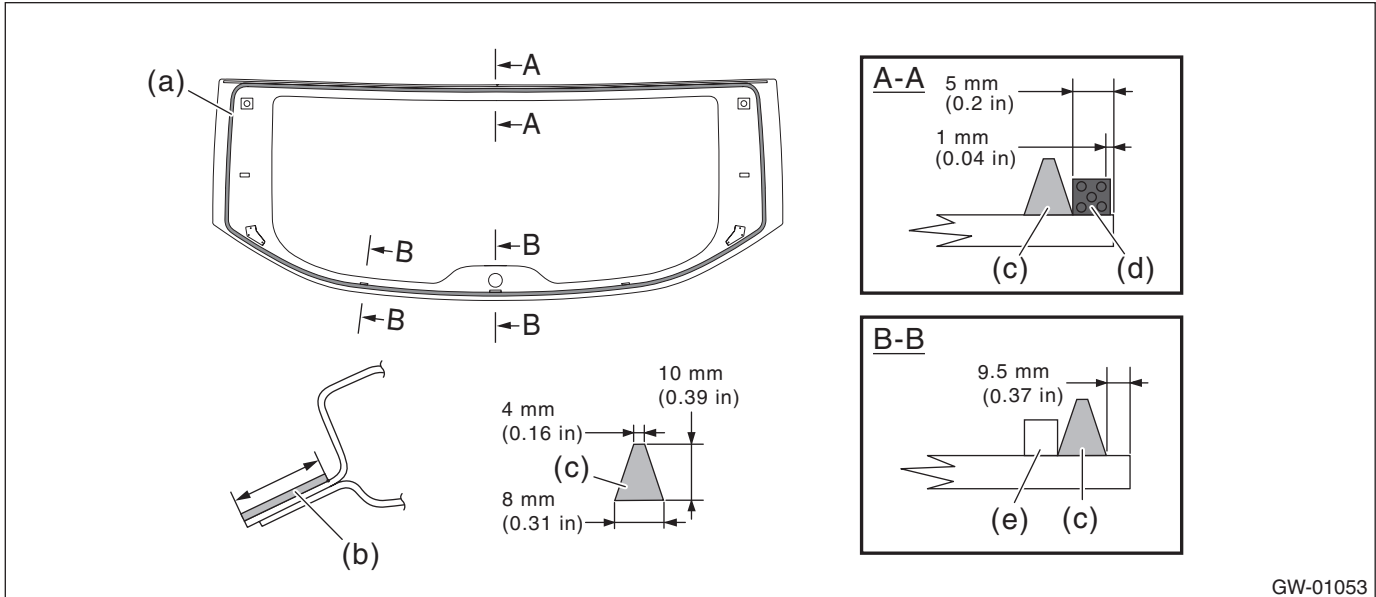
(c) Spacer - rear gate

(d) Locating pin - rear gate

(b) Holder - rear gate

4) Install the glass - rear gate.

- (1) Apply the primer to the adhesive surface of glass - rear gate side and body side using sponge.
- (2) Apply adhesive to the glass - rear gate end back surface.



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| (a) Application of primer (glass side) | (c) Adhesive | (e) Spacer - rear gate |
| (b) Application of primer (body side) | (d) Dam rubber - rear gate | |

- (3) Attach the clip to the holder - rear gate of the glass - rear gate.
- (4) Insert the locating pins - rear gate into the rear gate panel holes, and install the glass - rear gate.
- (5) Lightly press the entire perimeter of the glass - rear gate for tight fit.
- (6) Make flush the adhesive surface jugged out using spatula.

5) After completion of all work, allow the vehicle to stand for about 24 hours.

NOTE:

- When opening/closing the door after the glass - rear gate was bonded, always lower the glass assembly - door first, and then open/close it carefully.
 - Move the vehicle slowly.
 - For minimum drying time and vehicle standing time before driving after bonding, follow instructions or instruction manual from the adhesive manufacturer.
- 6) Connect the rear defogger connector.
 - 7) Install the motor assembly - rear wiper and the arm assembly - rear wiper.

Tightening torque:

Motor assembly - rear wiper and arm assembly - rear wiper: <Ref. to WW-4, REAR WIPER, COMPONENT, General Description.>

8) Install the roof spoiler. <Ref. to EI-165, INSTALLATION, Rear Gate Garnish.>

Tightening torque:

7.5 N·m (0.8 kgf-m, 5.5 ft-lb)

9) Install the trim panel - rear gate. <Ref. to EI-159, INSTALLATION, Rear Gate Trim.>

10) After curing of adhesive, pour the water on external surface of vehicle to check that there are no water leaks.

NOTE:

When a vehicle is returned to the user, tell him or her that the vehicle should not be subjected to heavy impact for at least three days.