

QUARTER WINDOW GLASS INSTALLATION

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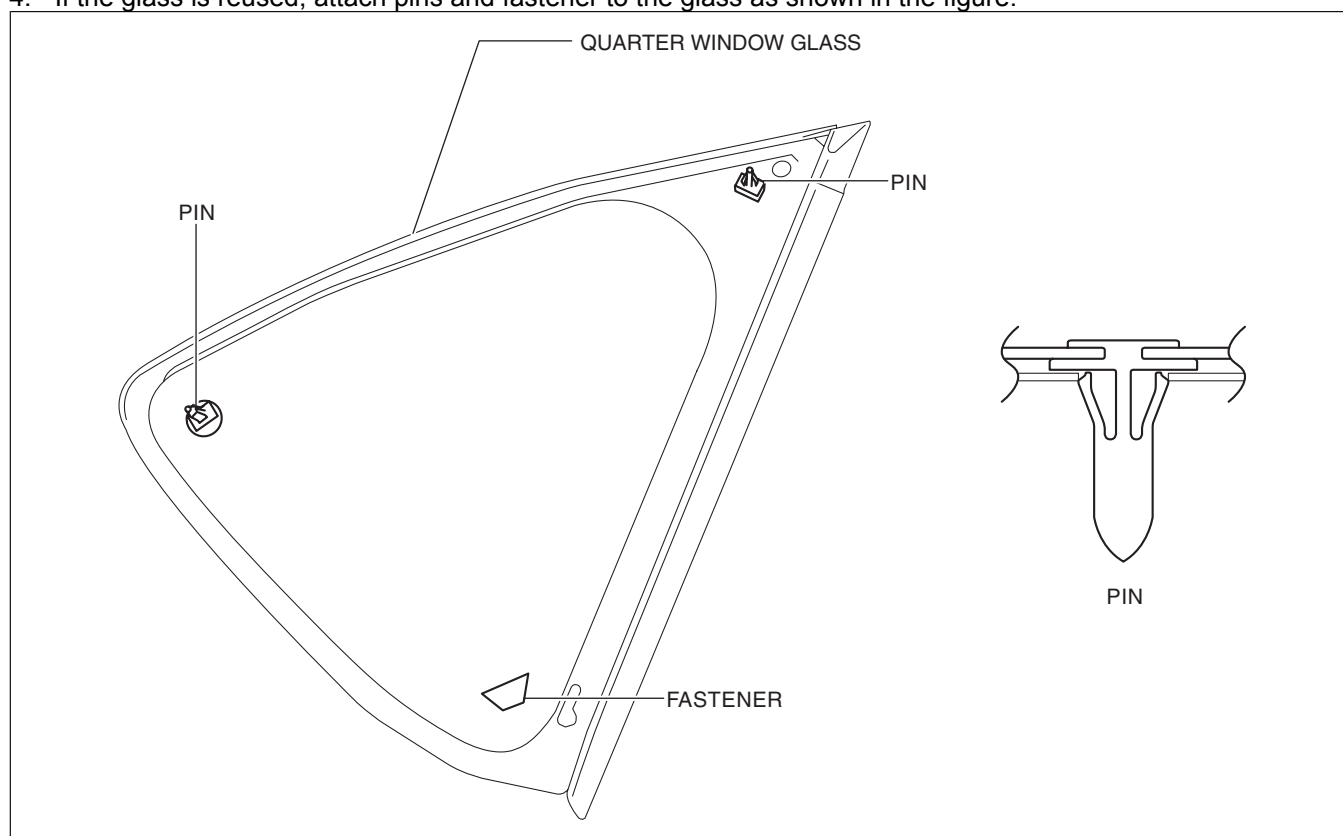
Warning

- Using a razor with bare hands can cause injury. Always wear gloves when using a razor.

Caution

- If a door is opened or closed when all the window glass is closed, the resulting change in air pressure could cause the sealant to crack preventing the proper installation of the glass. Keep the door glass open until the quarter window glass installation is completed.

1. Remove sealant along the perimeter of the glass using a razor or scraper. (when reusing the glass)
2. Clean and degrease the ceramic part along the perimeter of the glass.
3. Inspect the glass for cracks. If it is cracked, chamfer it using sandpaper.
4. If the glass is reused, attach pins and fastener to the glass as shown in the figure.



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Note

- Align with the alignment marks marked before removing the glass.

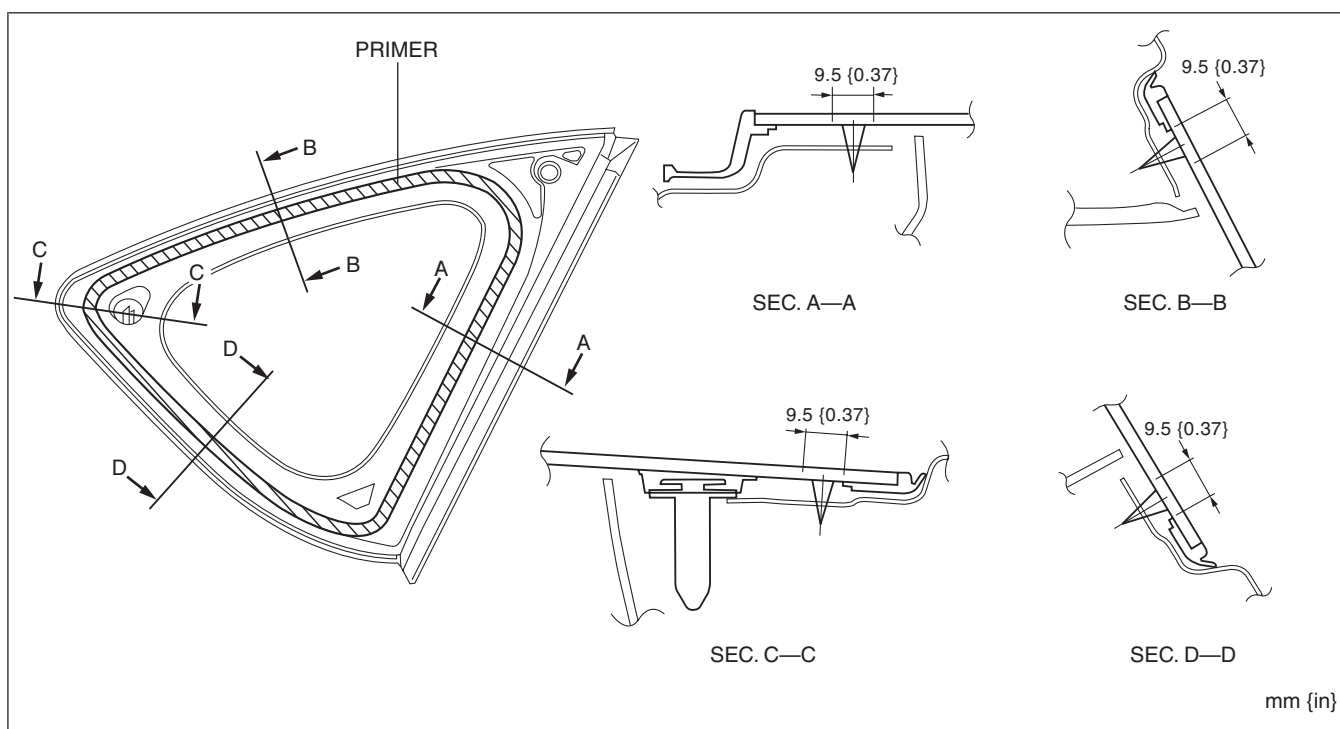
5. Apply glass primer along the hollowed marks in the ceramic coating on the new glass, along the sealant tracks on the reused glass, then allow it to dry for **approx. 30 min.**

Caution

- To prevent weakening of the primer adhesion, keep the bonding surface free of dirt, moisture, and grease. Do not touch the surface with your hand.

Note

- Apply primer to the hollowed marks in the ceramic coating.

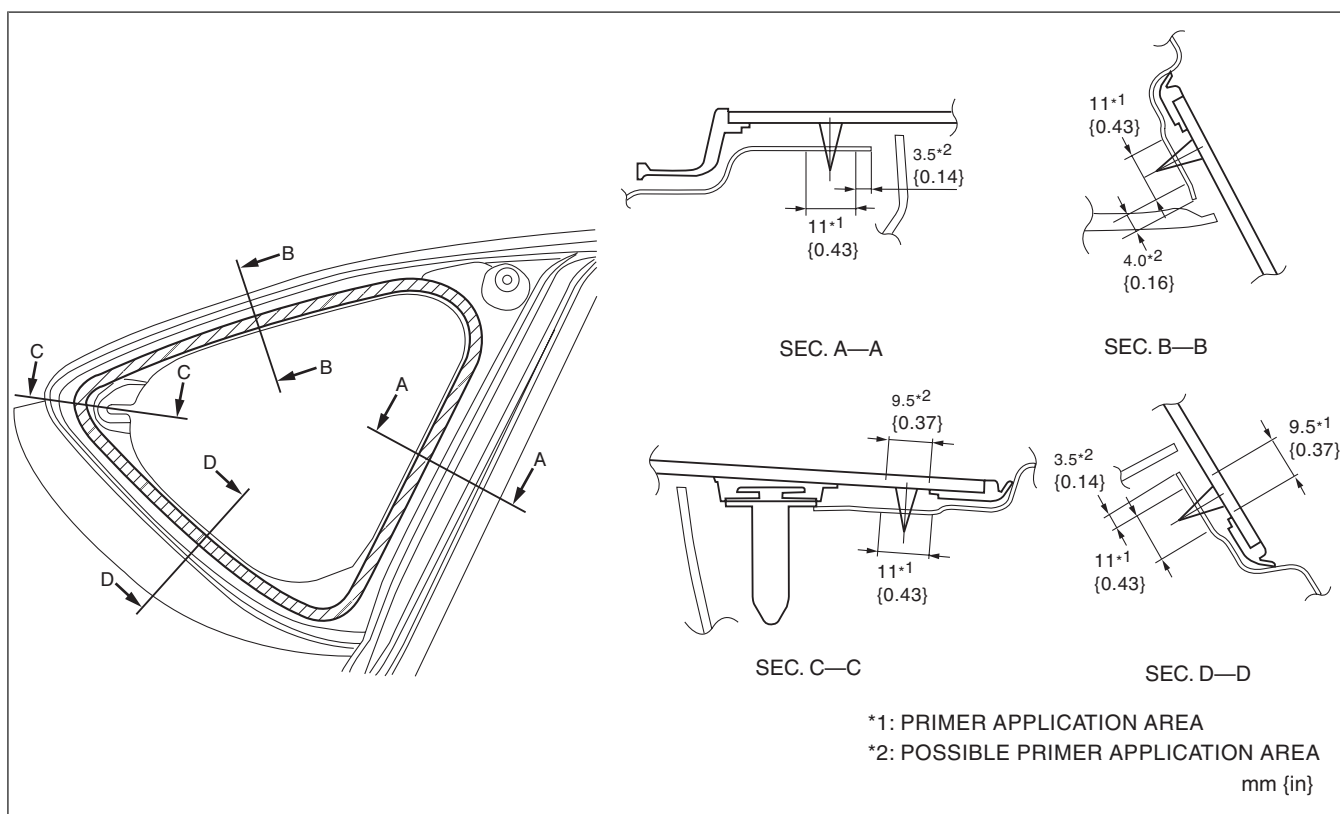


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6. Cut away the old sealant using a razor or scraper so that **1—2 mm {0.04—0.07 in}** thickness of sealant remains along the perimeter of the frame.
7. If the sealant has come off completely in any one place, apply some primer after degreasing, and allow it **approx. 30 min** to dry. Then apply **2 mm {0.07 in}** thickness of new sealant.
8. Clean and degrease the bonding surface along the perimeter of the body.
9. Apply body primer on the body as shown in the figure, then allow it to dry for **approx. 30 min**.

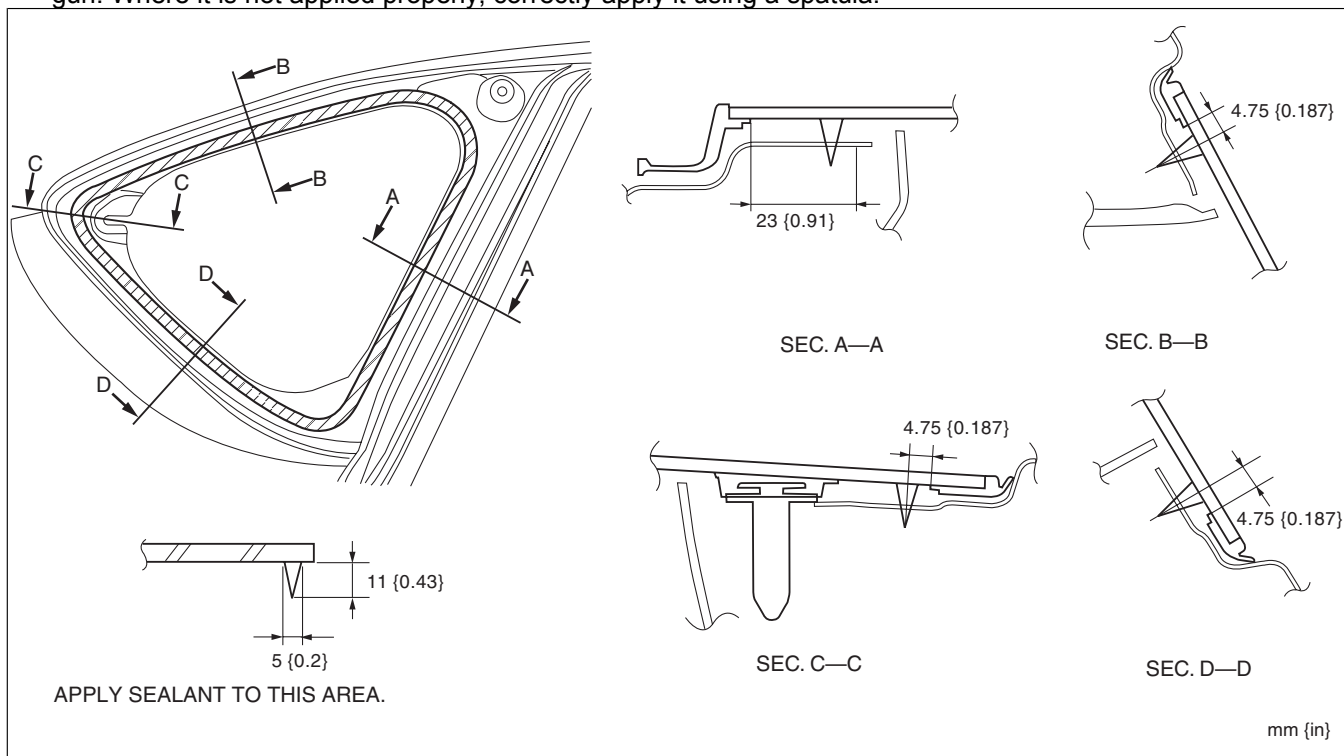
Caution

- To prevent weakening of the primer adhesion, keep the bonding surface free of dirt, moisture, and grease. Do not touch the surface with your hand.



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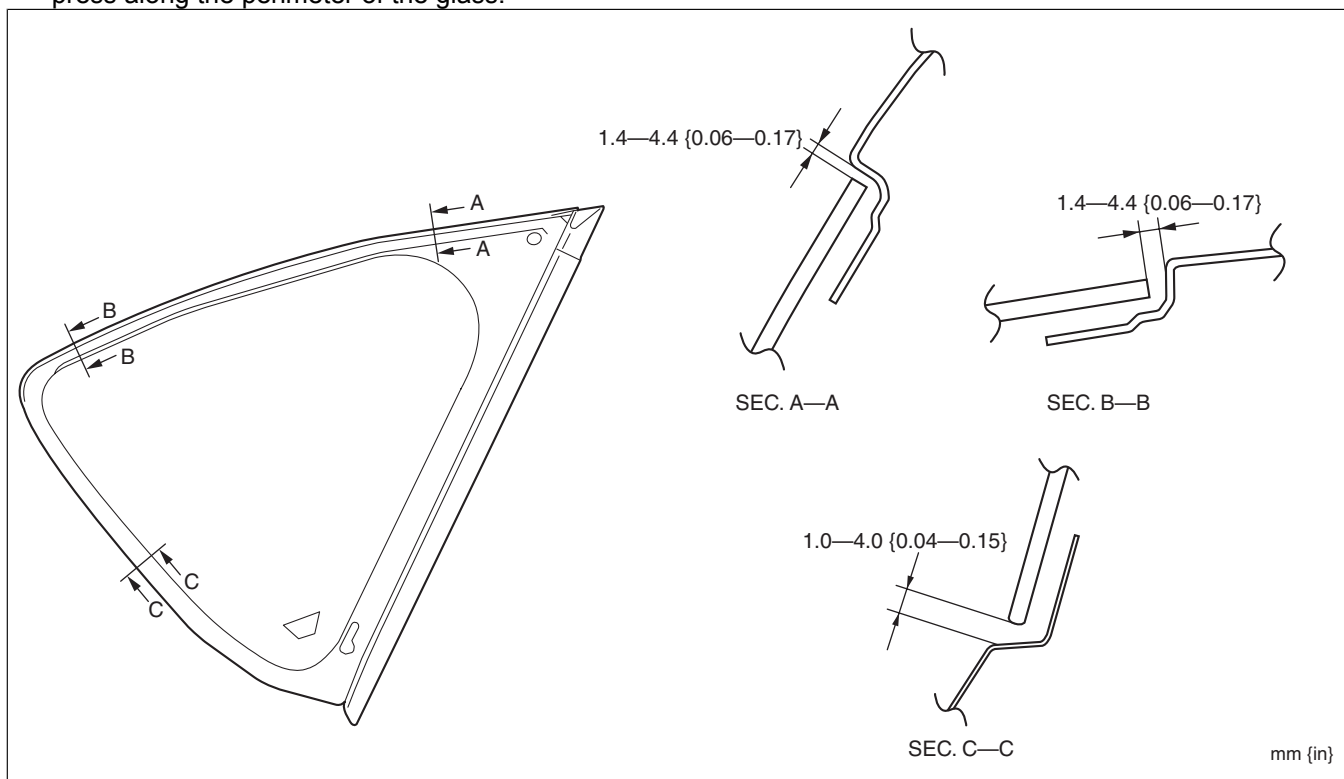
10. After the primer has dried, apply **11 mm {0.43 in}** in thickness, **5 mm {0.20 in}** in width of sealant using a sealant gun. Where it is not applied properly, correctly apply it using a spatula.



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11. Insert the positioning pins to the body and install the quarter window glass.

12. Verify that the gap at the upper and side parts of the glass is within the specification shown in the figure, then press along the perimeter of the glass.



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13. Install the following parts:

- (1) C-pillar trim (See C-PILLAR TRIM REMOVAL/INSTALLATION.)
- (2) D-pillar trim (See D-PILLAR TRIM REMOVAL/INSTALLATION.)
- (3) Trunk side trim (See TRUNK SIDE TRIM REMOVAL/INSTALLATION.)
- (4) Rear scuff plate (See REAR SCUFF PLATE REMOVAL/INSTALLATION.)
- (5) Trunk end trim (See TRUNK END TRIM REMOVAL/INSTALLATION.)
- (6) Trunk board (See TRUNK BOARD REMOVAL/INSTALLATION.)

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14. Connect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
 15. Allow the sealant to harden completely.

Sealant hardening time: 24 h