

WINDSHIELD INSTALLATION

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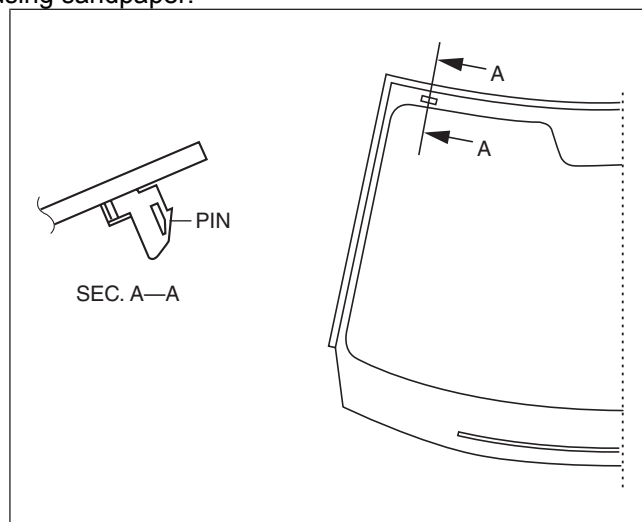
Warning

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

Caution

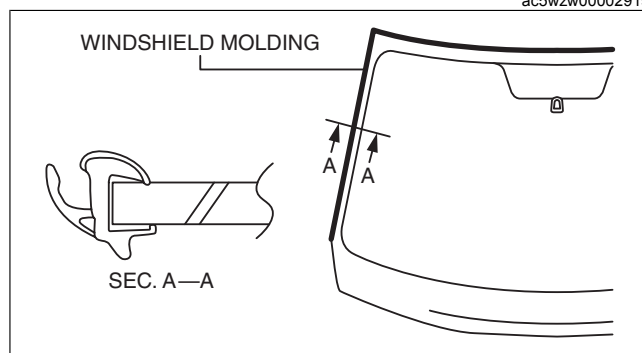
- If a door is opened or closed when all the window glass is closed, the resulting change in air pressure could cause the sealant to crack preventing the proper installation of the windshield. Keep the door glass opened until the windshield installation is completed.

1. Remove the sealant along the perimeter of the glass using a utility knife. (When reusing the glass)
2. Clean and degrease an **approx. 50 mm {2.0 in}** wide strip along the perimeter of the windshield.
3. Inspect the glass for cracks. If it is cracked, chamfer it using sandpaper.
4. Align the alignment marks made before removal and install the pin to the windshield referring to the figure. (Reusing glass, pin removed)



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5. Install the windshield molding.



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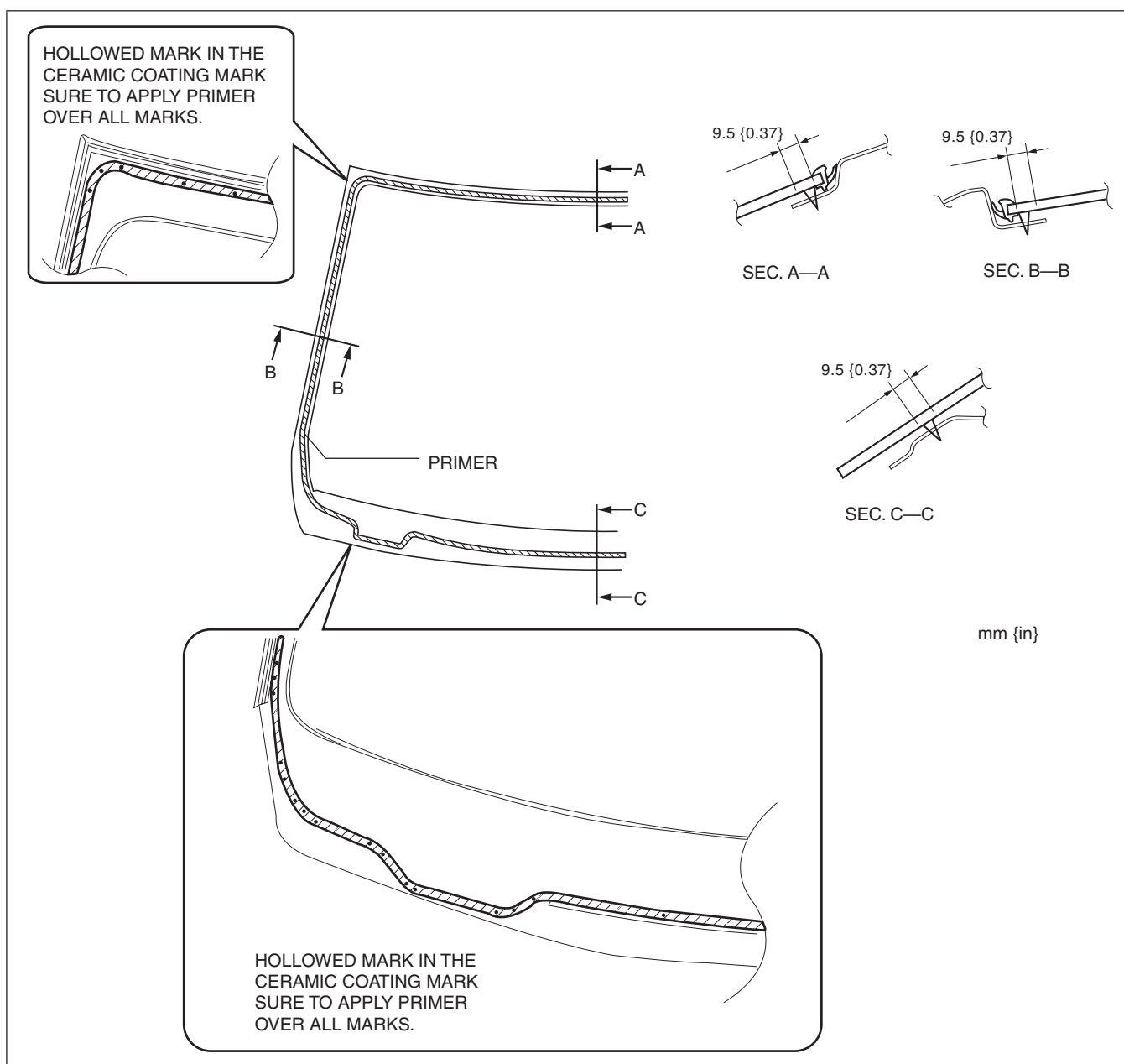
6. Apply glass primer on the glass as shown in the figure, then allow it to dry for **approx. 30 min.**

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.

Note

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

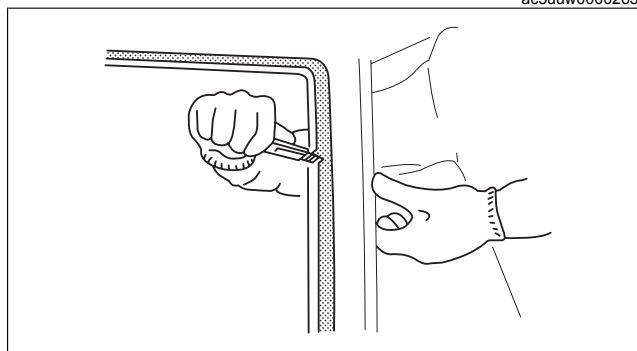


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7. Cut away the old sealant using a utility knife so that **1—2 mm {0.04—0.07 in}** thickness of sealant remains along the perimeter of the frame.
8. If the sealant has come off completely in any one place, apply some primer after degreasing, and allow it **approx. 30 min** to dry. Then **apply 2 mm {0.07 in}** thickness of new sealant.

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.

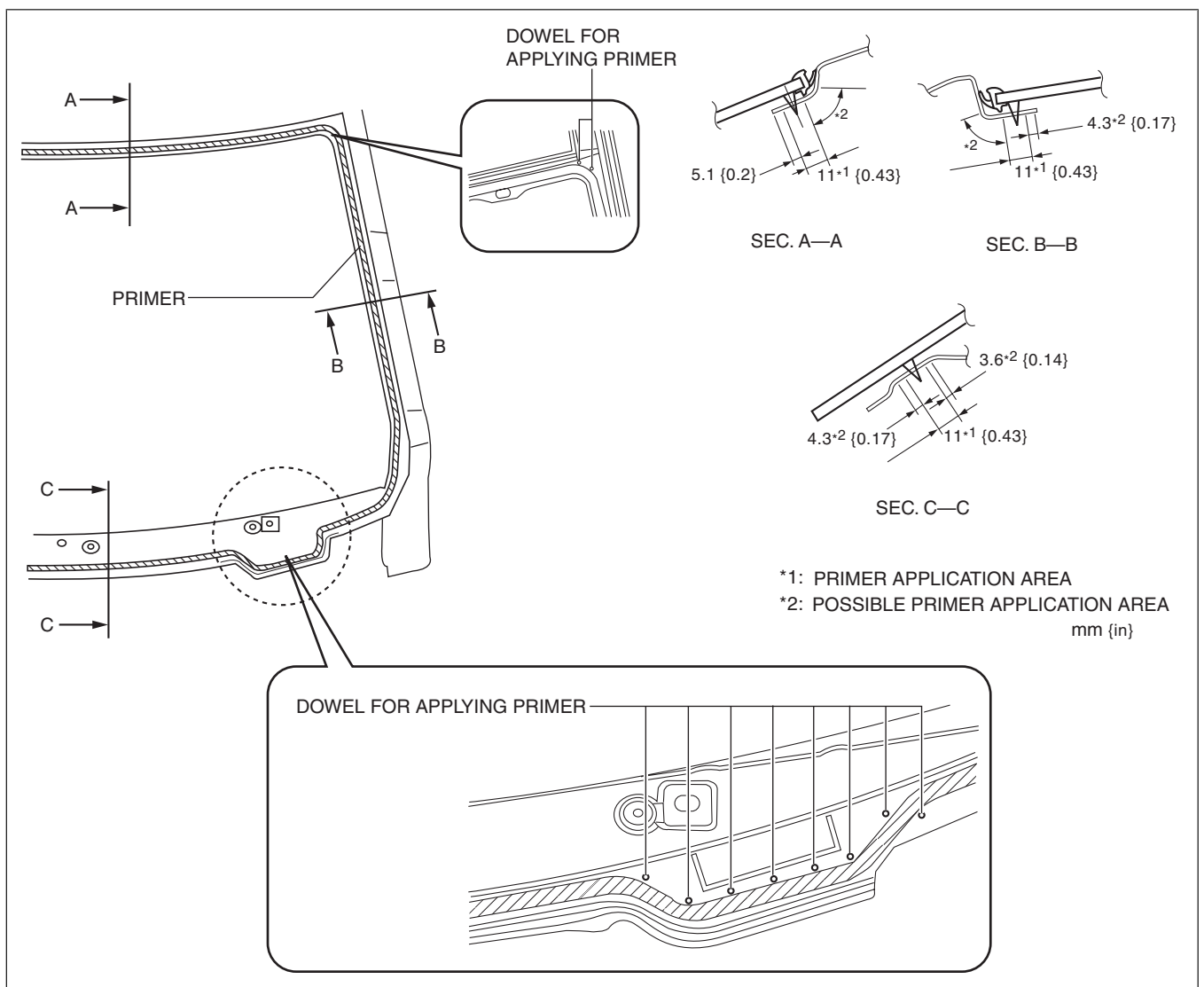


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9. Clean and degrease along the perimeter of the bonding area on the body.
10. Apply body primer on the body as shown in the figure, then allow it to dry for **approx. 30 min**.

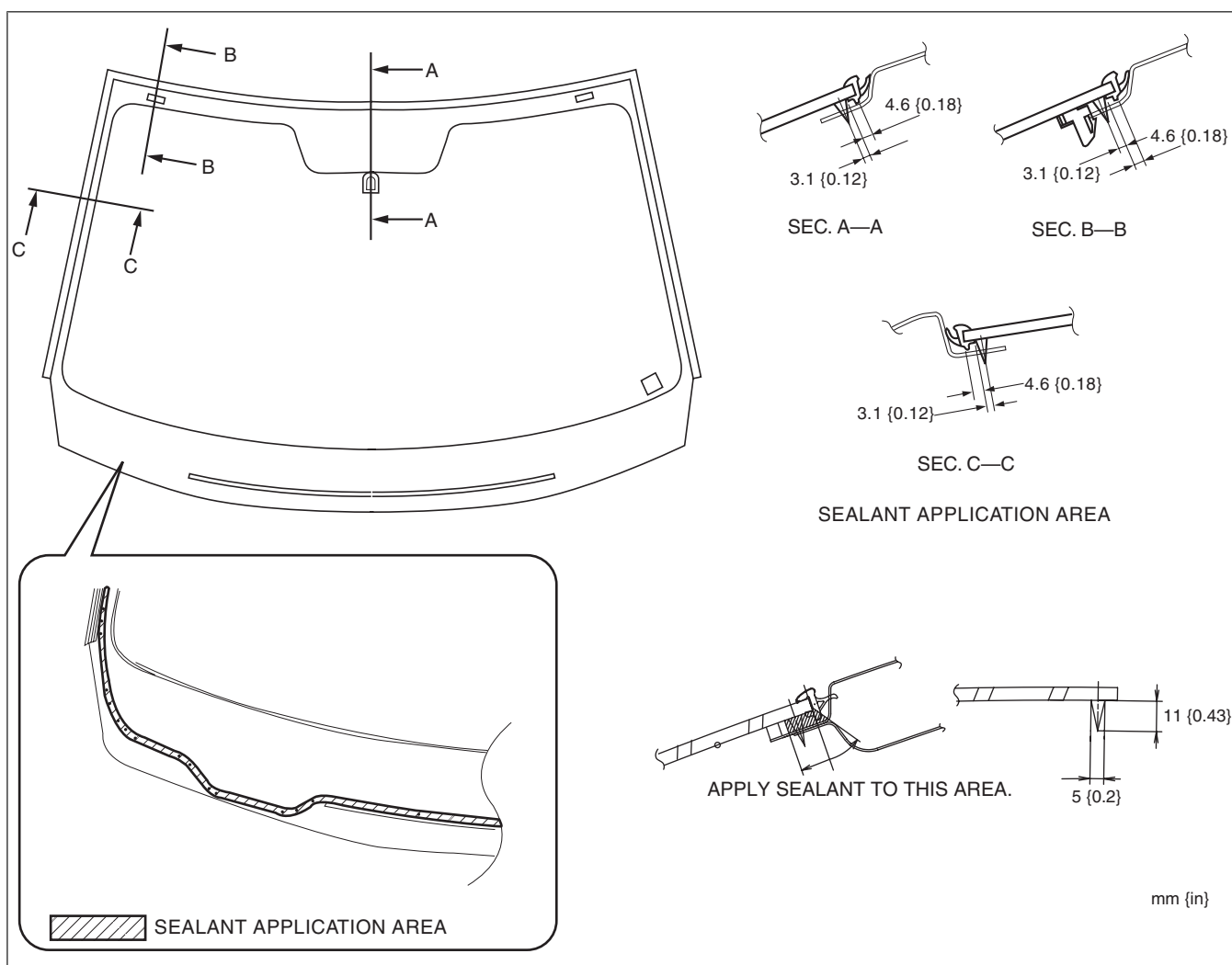
Caution

- Using the dowel for applying primer, apply primer 65 to the area shown in the figure.



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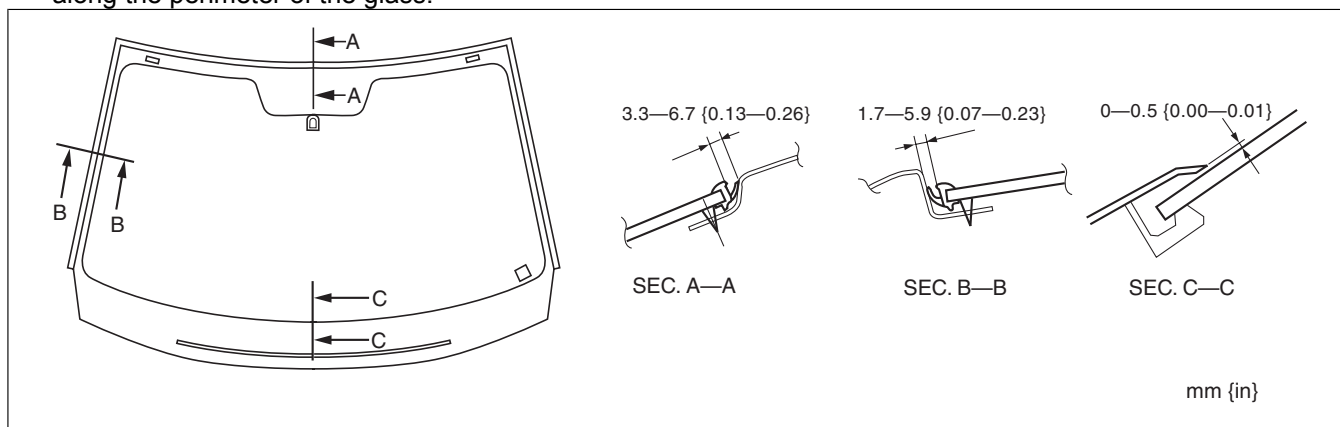
11. Apply sealant to the area of the glass surface as shown in the figure.



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12. Insert the positioning pins to the body and install the windshield.

13. Verify that the clearance between the A-pillar and the roof is within the range shown in the figure, and press along the perimeter of the glass.



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14. Install the headliner.

15. Install the following parts:

- (1) Assist handle (See ASSIST HANDLE REMOVAL/INSTALLATION.)
- (2) Front map light (See MAP LIGHT REMOVAL/INSTALLATION.)
- (3) Sunvisor (See SUNVISOR REMOVAL/INSTALLATION.)
- (4) A-pillar trim (See A-PILLAR TRIM REMOVAL/INSTALLATION.)
- (5) Rearview mirror (without auto-dimming mirror) (See REARVIEW MIRROR REMOVAL/INSTALLATION.)
- (6) Auto-dimming mirror (with auto-dimming mirror) (See AUTO-DIMMING MIRROR REMOVAL/INSTALLATION.)
- (7) Rain sensor (with auto light / wiper system) (See RAIN SENSOR REMOVAL/INSTALLATION.)
- (8) Laser sensor (with smart city brake support (SCBS)) (See LASER SENSOR REMOVAL/INSTALLATION.)

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- (9) Forward sensing camera (FSC) clip (with high beam control (HBC) system) (See FORWARD SENSING CAMERA (FSC) CLIP REMOVAL/INSTALLATION.)
 - (10) Forward sensing camera (FSC) (with high beam control (HBC) system) (See FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION.)
 - (11) Forward sensing camera (FSC) short cord (with high beam control (HBC) system) (See FORWARD SENSING CAMERA (FSC) SHORT-CORD REMOVAL/INSTALLATION.)
 - (12) Cover (See FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION.)
 - (13) Cowl grille (See COWL GRILLE REMOVAL/INSTALLATION.)
 - (14) Windshield wiper arm and blade (See WINDSHIELD WIPER ARM AND BLADE REMOVAL/INSTALLATION.)
16. 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].)
17. Allow the sealant to harden completely.

Sealant hardening time: 24 h