

## INSTALLATION

### 1. INSTALL NO. 2 WINDSHIELD GLASS STOPPER

- (a) Using a brush or sponge, coat the application area of the No. 2 stoppers with Primer G.

**NOTICE:**

- Do not apply too much primer.
- Allow the primer coating to dry for 3 minutes or more.
- Do not keep any of the opened Primer G for later use.

**HINT:**

If an area other than that specified is coated by accident, wipe off the primer with a clean piece of cloth before it dries.

- (b) Install 2 new No. 2 stoppers onto the windshield glass, as shown in the illustration.

**HINT:**

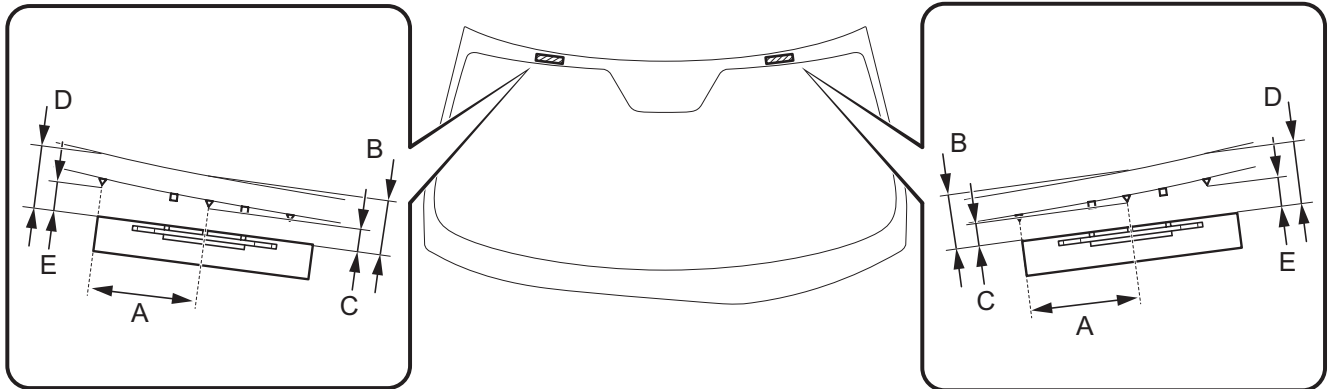
Only 2-piece type No. 2 stoppers are supplied. Use the 2-piece type stoppers even if a 1-piece type was used.

**Standard dimension**

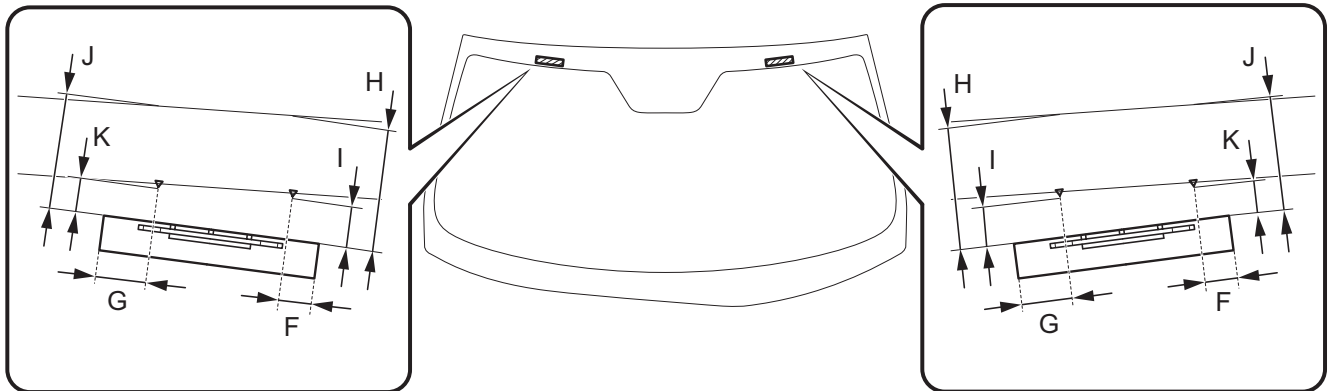
Area	Dimension
A	40 mm (1.574 in.)
B	20.9 mm (0.822 in.)
C	10.2 mm (0.401 in.)
D	23.5 mm (0.925 in.)
E	12.8 mm (0.503 in.)
F	10.9 mm (0.429 in.)
G	19.3 mm (0.759 in.)
H	47.3 mm (1.862 in.)
I	17.0 mm (0.669 in.)
J	42.6 mm (1.677 in.)
K	12.3 mm (0.484 in.)

Back Side:

for Standard:



for Glass Roof:



□ ▽ : Ceramic Notch

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## 2. INSTALL WINDSHIELD GLASS RETAINER

- (a) Using a brush or sponge, coat the application area of the retainers with Primer G.

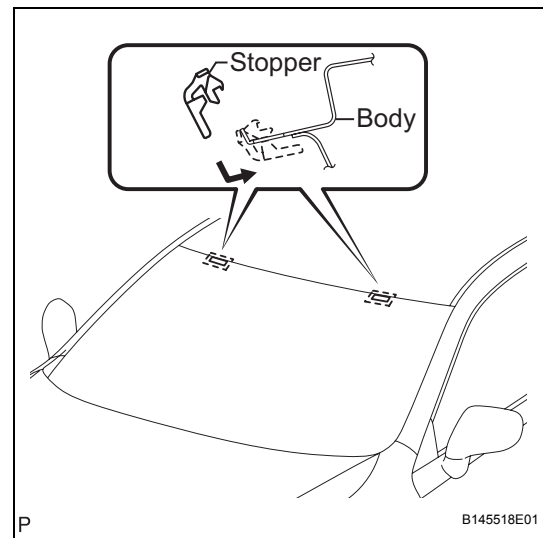
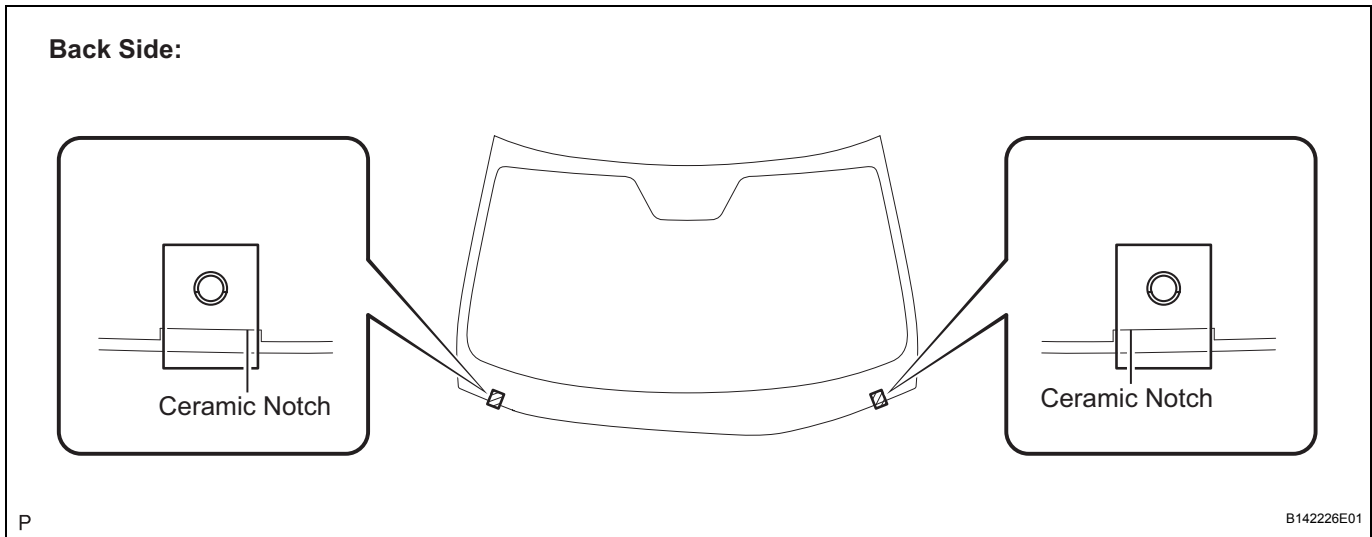
### NOTICE:

- Do not apply too much primer.
- Allow the primer coating to dry for 3 minutes or more.
- Do not keep any of the opened Primer G for later use.

### HINT:

If an area other than that specified is coated by accident, wipe off the primer with a clean piece of cloth before it dries.

- (b) Install 2 new retainers onto the windshield glass, as shown in the illustration.



**3. INSTALL NO. 1 WINDSHIELD GLASS STOPPER**

- (a) Install 2 new No. 1 stoppers to the vehicle body, as shown in the illustration.

HINT:

Only 2-piece type No. 1 stoppers are supplied. Use the 2-piece type stoppers even if a 1-piece type was used.

**4. INSTALL WINDSHIELD MOULDING OUTSIDE (for Standard)**

- (a) Using a brush or sponge, coat the application area of moulding with Primer G.

**NOTICE:**

- Do not apply too much primer.
- Allow the primer coating to dry for 3 minutes or more.
- Do not keep any of the opened Primer G for later use.

HINT:

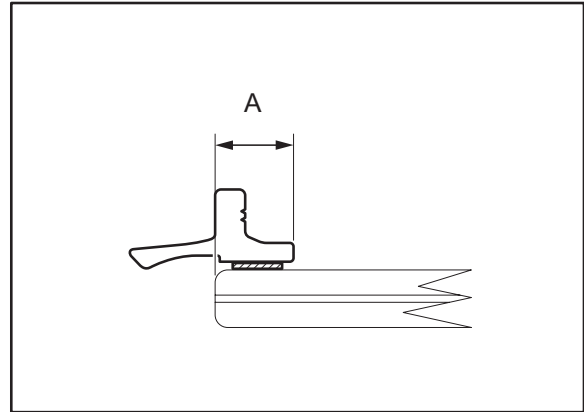
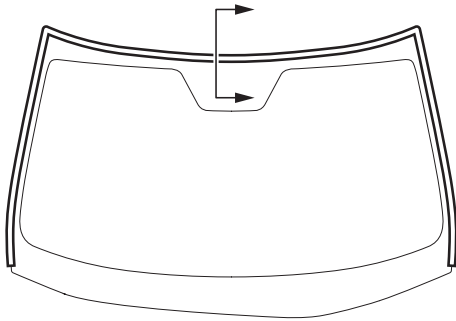
If an area other than that specified is coated by accident, wipe off the primer with a clean piece of cloth before it dries.

- (b) Install a new moulding onto the windshield glass, as shown in the illustration.

**Standard dimension**

Area	Dimension
A	6.4 mm (0.252 in.)

Back Side:



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**5. INSTALL WINDSHIELD MOULDING OUTSIDE UPPER (for Glass Roof)**

- (a) Using a brush or sponge, coat the application area of moulding with Primer G.

**NOTICE:**

- Do not apply too much primer.
- Allow the primer coating to dry for 3 minutes or more.
- Do not keep any of the opened Primer G for later use.

**HINT:**

If an area other than that specified is coated by accident, wipe off the primer with a clean piece of cloth before it dries.

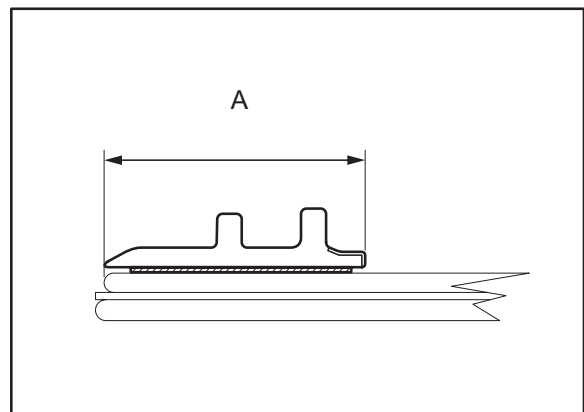
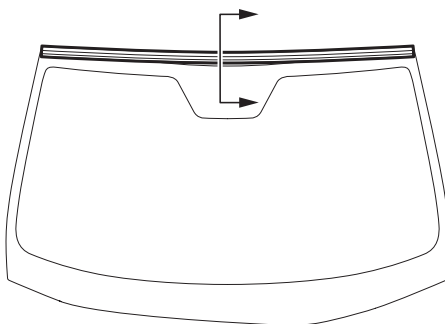
- (b) Install a new moulding onto the windshield glass, as shown in the illustration.

**Standard dimension**

Area	Dimension
A	25.9 mm (1.019 in.)

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Back Side:



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**6. INSTALL WINDSHIELD MOULDING OUTSIDE LH (for Glass Roof)**

- (a) Using a brush or sponge, coat the application area of moulding with Primer G.

**NOTICE:**

- Do not apply too much primer.
- Allow the primer coating to dry for 3 minutes or more.
- Do not keep any of the opened Primer G for later use.

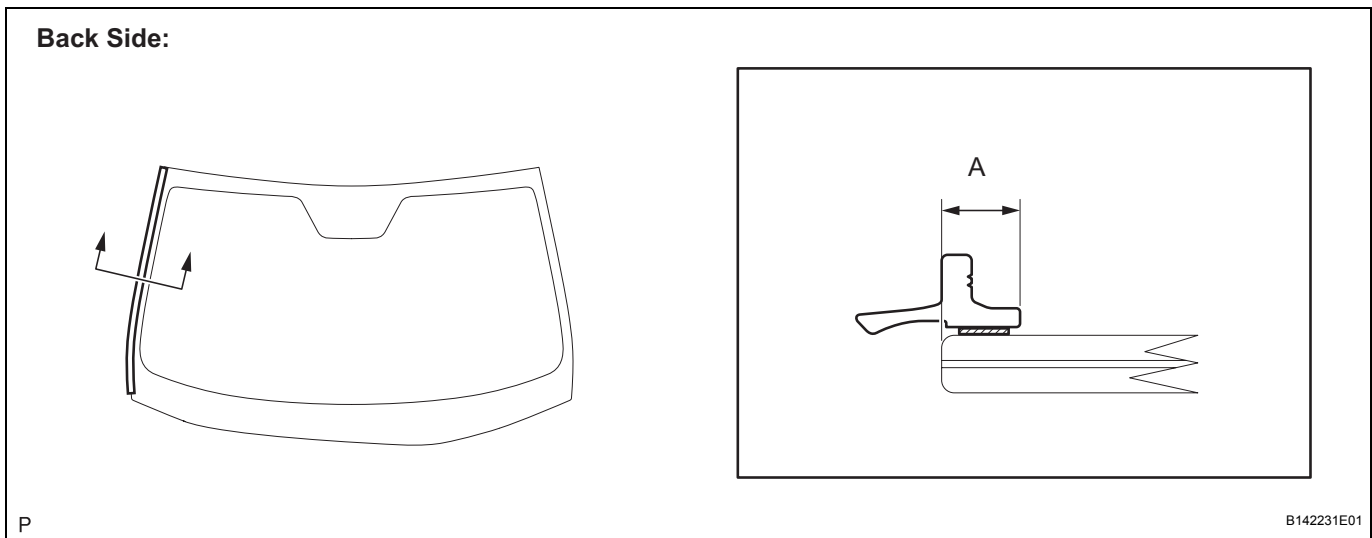
**HINT:**

If an area other than that specified is coated by accident, wipe off the primer with a clean piece of cloth before it dries.

- (b) Install a new moulding onto the windshield glass, as shown in the illustration.

**Standard dimension**

Area	Dimension
A	6.4 mm (0.252 in.)



**7. INSTALL WINDSHIELD MOULDING OUTSIDE RH (for Glass Roof)**

**HINT:**

Use the same procedures for the RH side and LH side.

**8. INSTALL WINDOW GLASS ADHESIVE DAM**

- (a) Using a brush or sponge, coat the application area of adhesive dam with Primer G.

**NOTICE:**

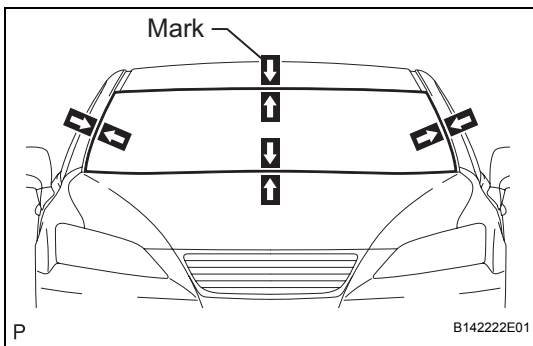
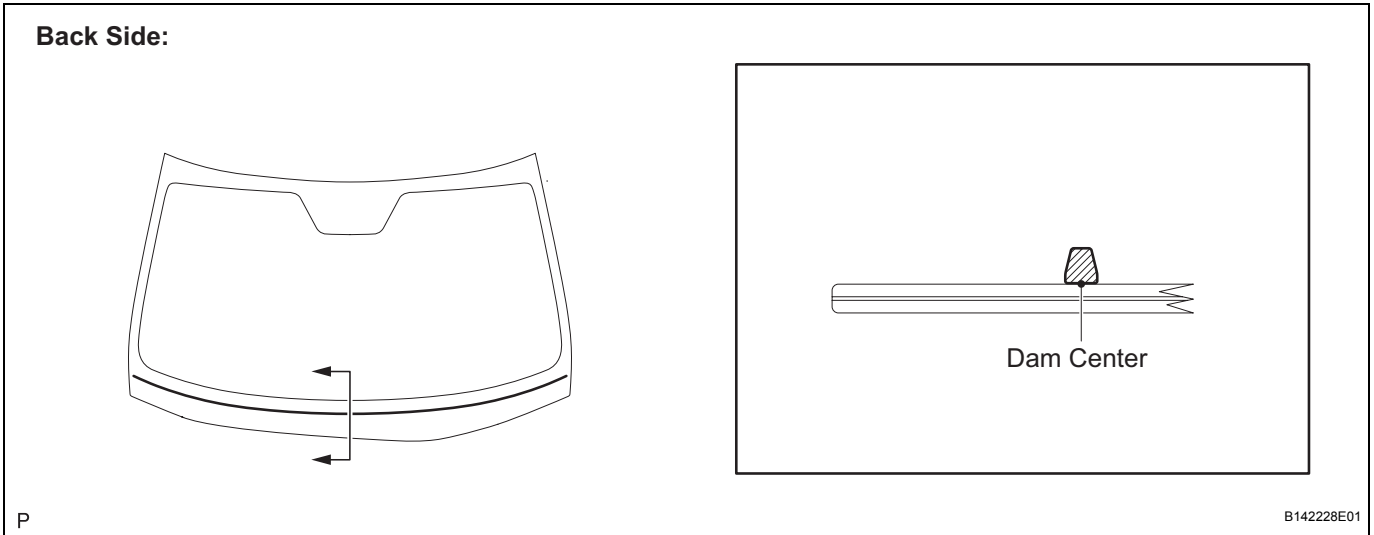
- Do not apply too much primer.
- Allow the primer coating to dry for 3 minutes or more.
- Do not keep any of the opened Primer G for later use.

**HINT:**

If an area other than that specified is coated by accident, wipe off the primer with a clean piece of cloth before it dries.

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- (b) Install a new adhesive dam onto the windshield glass, as shown in the illustration.



**9. INSTALL WINDSHIELD GLASS ASSEMBLY**

- (a) Position the windshield glass assembly.
- (1) Using a suction cup, place the windshield glass assembly in the correct position.
  - (2) Check that the whole contact surface of the windshield glass rim is perfectly even.
  - (3) Align the matchmarks on the windshield glass and vehicle body.

**NOTICE:**

**Check that the windshield glass stoppers are attached to the vehicle body correctly.**

- (4) Remove the windshield glass assembly.
- (b) Using a brush, coat the installation surface on the vehicle body with Primer M.

**NOTICE:**

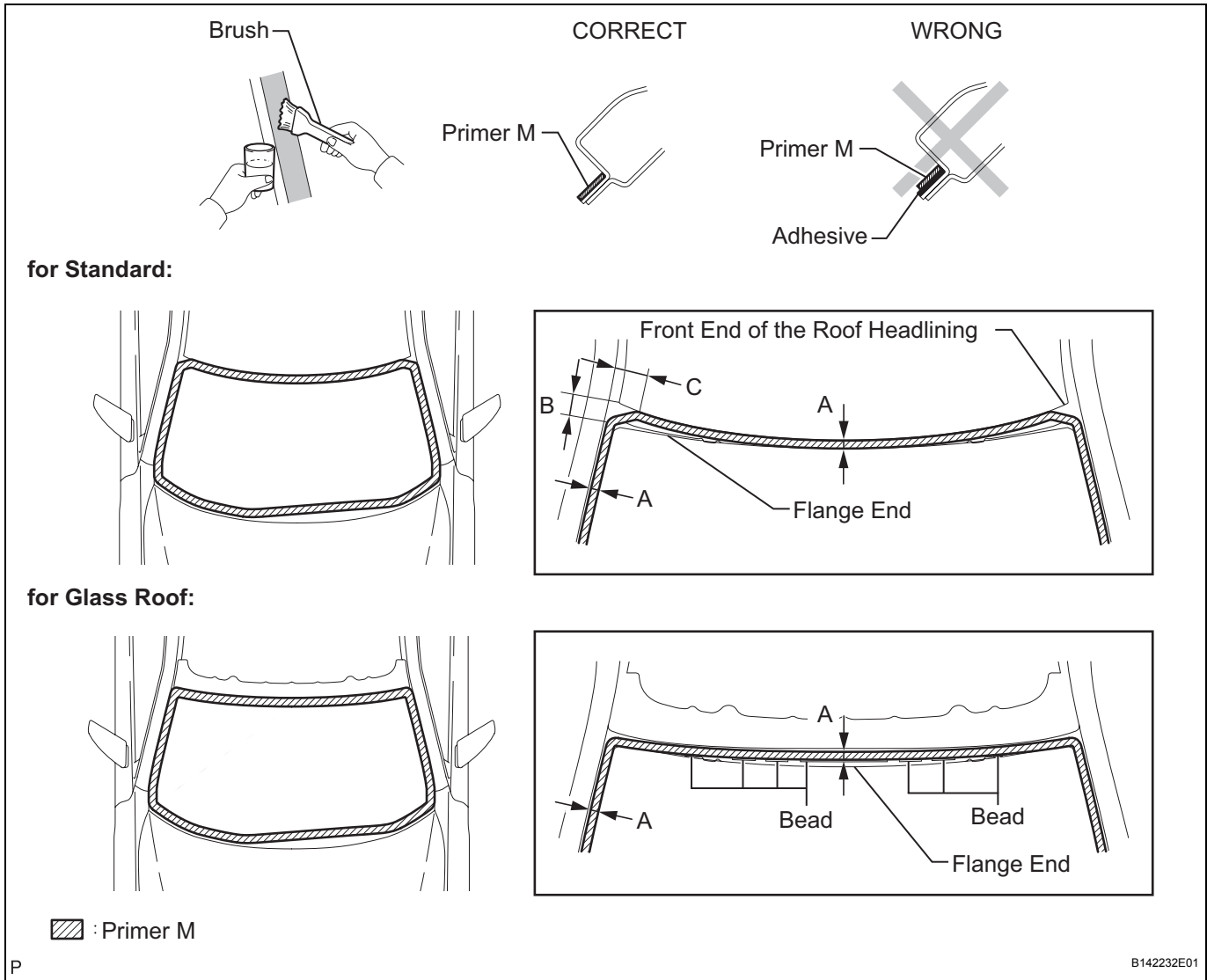
- Do not coat the adhesive with Primer M.
- Do not apply too much primer.
- Allow the primer coating to dry for 3 minutes or more.
- Do not keep any of the opened Primer M for later use.

**HINT:**

If an area other than that specified is coated by accident, wipe off the primer with a clean piece of cloth before it dries.

**Standard dimension**

Area	Dimension
A	20.0 mm (0.787 in.)
B	43.7 mm (1.720 in.)
C	70.2 mm (2.763 in.)



(c) Using a brush or sponge, coat the application area of adhesive with Primer G.

**NOTICE:**

- Do not apply too much primer.
- Allow the primer coating to dry for 3 minutes or more.
- Do not keep any of the opened Primer G for later use.

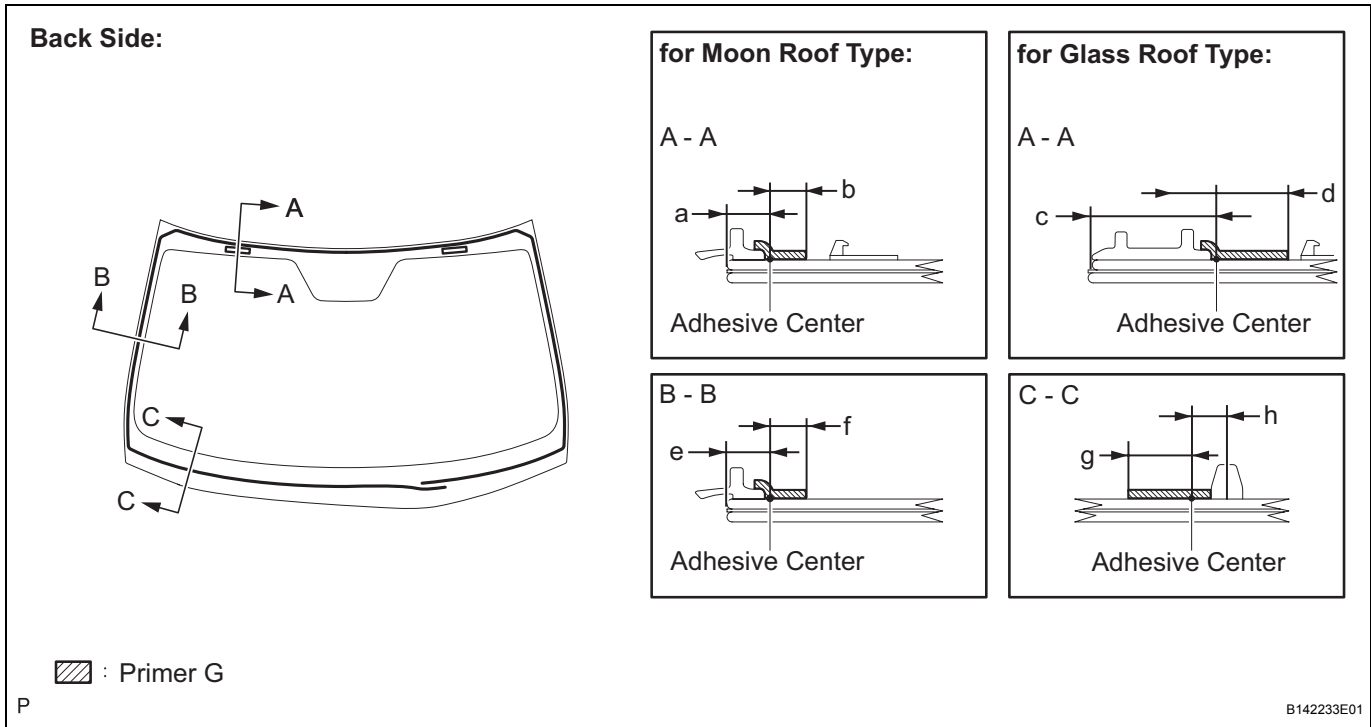
**HINT:**

If an area other than that specified is coated by accident, wipe off the primer with a clean piece of cloth before it dries.

**Standard dimension**

Area	Dimension
a	8.7 mm (0.342 in.)
b	12.0 mm (0.472 in.)
c	28.6 mm (1.126 in.)
d	12.0 mm (0.472 in.)
e	8.7 mm (0.342 in.)
f	12.0 mm (0.472 in.)

Area	Dimension
g	12.0 mm (0.472 in.)
h	6.4 mm (0.252 in.)



- (d) Apply adhesive (Adhesive: TOYOTA genuine windshield glass adhesive or equivalent).
- Cut off the tip of the cartridge nozzle, as shown in the illustration.

**HINT:**

After cutting off the tip, use all adhesive within the time described in the table below.

**Usage time frame**

Temperature	Tack-free Time
35°C (95°F)	15 minutes
20°C (68°F)	1 hour and 40 minutes
5°C (41°F)	8 hours

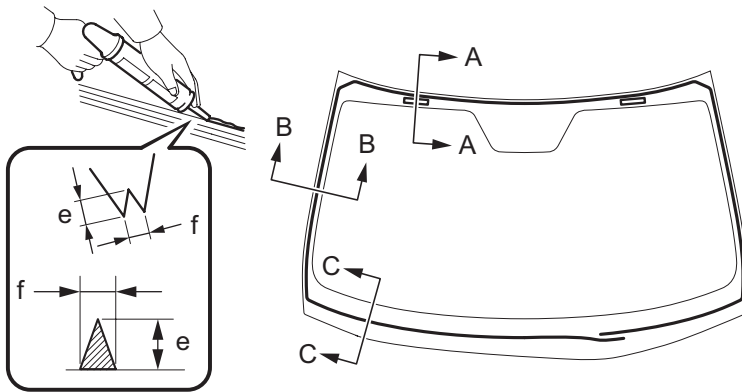
- Load the sealer gun with cartridge.
- Apply adhesive to the windshield glass, as shown in the illustration.

**Standard dimension**

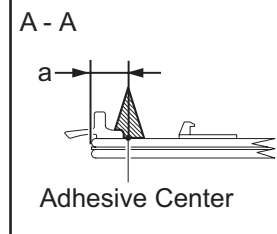
Area	Dimension
a	8.7 mm (0.342 in.)
b	28.6 mm (1.126 in.)
c	8.7 mm (0.342 in.)
d	6.4 mm (0.252 in.)
e	12.0 mm (0.472 in.)
f	8.0 mm (0.315 in.)



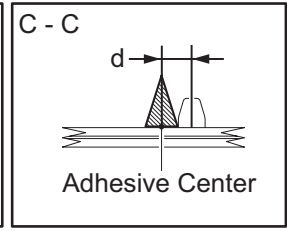
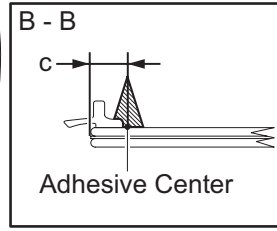
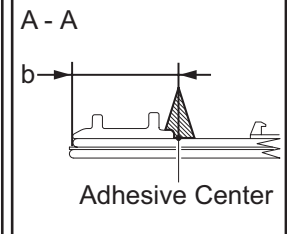
Back Side:



for Moon Roof Type:



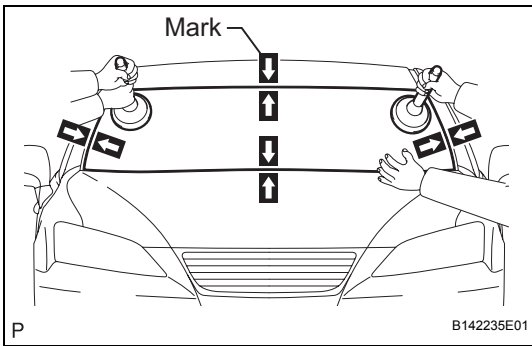
for Glass Roof Type:



▲ : Adhesive

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(e) Install the windshield glass assembly.

- (1) Using a suction cup, position the windshield glass so that the matchmarks are aligned, and press it in gently along the rim.

**NOTICE:**

- Check that the windshield glass stoppers are attached to the vehicle body correctly.
- Check the clearance between the vehicle body and windshield glass.

- (2) Lightly press the front surface of the windshield glass to ensure a close fit.

**HINT:**

Press the glass with force of 98 N (10 kgf, 22 lb) or more.

- (3) If necessary, use a scraper to correct the level or position of adhesive that has been applied.

**HINT:**

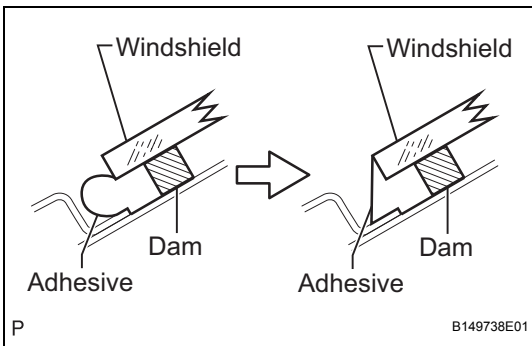
Apply adhesive onto the windshield glass rim.

- (4) Hold the windshield glass using protective tape until applied adhesive becomes hard.

**NOTICE:**

Do not drive the vehicle for the time described in the table below.

**Minimum time**



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Temperature	Minimum time prior to driving vehicle
35°C (95°F)	1 hour and 30 minutes
20°C (68°F)	5 hours
5°C (41°F)	24 hours

10. **CHECK FOR LEAKS AND REPAIR**
  - (a) After the adhesive has hardened, apply water from the outside of the vehicle. Check that no water leaks into the cabin.
  - (b) If water leaks into the cabin, allow the water to dry and add adhesive.
  - (c) Remove the protective tape.
11. **INSTALL ROOF HEADLINING ASSEMBLY (for Standard)**

Return the front section of the roof headlining assembly to the original position (See page [IR-56](#)).
12. **INSTALL ROOF HEADLINING ASSEMBLY (for Glass Roof)**

Return the front section of the roof headlining assembly to the original position (See page [IR-57](#)).
13. **INSTALL ASSIST GRIP SUB-ASSEMBLY (See page [IR-58](#))**
14. **INSTALL VISOR HOLDER (See page [IR-60](#))**
15. **INSTALL VISOR ASSEMBLY LH (See page [IR-60](#))**
16. **INSTALL VISOR ASSEMBLY RH (See page [IR-60](#))**
17. **INSTALL VISOR BRACKET COVER (See page [IR-60](#))**
18. **INSTALL ROOF CONSOLE BOX ASSEMBLY (See page [IR-60](#))**
19. **INSTALL FRONT PILLAR GARNISH LH (See page [IR-64](#))**
20. **INSTALL SIDE INSTRUMENT PANEL LH (See page [IP-47](#))**
21. **INSTALL FRONT DOOR OPENING TRIM COVER LH (See page [IR-64](#))**
22. **INSTALL FRONT DOOR SCUFF PLATE LH (See page [IR-65](#))**
23. **INSTALL FRONT PILLAR GARNISH RH (See page [IR-65](#))**
24. **INSTALL SIDE INSTRUMENT PANEL RH (See page [IP-43](#))**
25. **INSTALL FRONT DOOR OPENING TRIM COVER RH (See page [IR-65](#))**
26. **INSTALL FRONT DOOR SCUFF PLATE RH (See page [IR-65](#))**
27. **INSTALL RAIN SENSOR TAPE (w/ Rain Sensor)**

HINT:  
This step should be performed only when the rain sensor tape needs to be replaced (see page [WW-64](#)).
28. **INSTALL RAIN SENSOR (w/ Rain Sensor) (See page [WW-64](#))**

29. **INSTALL RAIN SENSOR COVER (w/ Rain Sensor)**  
(See page [WW-65](#))
30. **INSTALL INNER REAR VIEW MIRROR ASSEMBLY**  
(See page [MI-43](#))
31. **INSTALL INNER REAR VIEW MIRROR STAY HOLDER COVER** (See page [MI-44](#))
32. **TEMPORARILY TIGHTEN NO. 1 SLIDING ROOF GLASS SUB-ASSEMBLY (for Glass Roof)** (See page [RF-64](#))
33. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
34. **ADJUST NO. 1 SLIDING ROOF GLASS SUB-ASSEMBLY (for Glass Roof)** (See page [RF-65](#))
35. **INSTALL SLIDING ROOF SIDE GARNISH LH (for Glass Roof)** (See page [RF-66](#))
36. **INSTALL SLIDING ROOF SIDE GARNISH RH (for Glass Roof)** (See page [RF-66](#))
37. **CHECK FOR WATER LEAKS (for Glass Roof)** (See page [RF-66](#))
38. **INSTALL FRONT FENDER TO COWL SIDE SEAL RH**  
HINT:  
In cases where double-sided tape cannot be reused (see page [WW-43](#)).
39. **INSTALL FRONT FENDER TO COWL SIDE SEAL LH**  
HINT:  
In cases where double-sided tape cannot be reused (see page [WW-43](#)).
40. **INSTALL COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY**  
NOTICE:  
When installing the cowl top ventilator louver sub-assembly, hold the front fender to cowl side seals by hand to prevent them from coming off the windshield. The front fender to cowl side seals are attached to the windshield with double-sided tape. Once the front fender to cowl side seals come off, the adhesion of the tape is reduced. The double-sided tape is not available as a supply part. If the tape loses its adhesion, it is necessary to apply new high-heat resistant double-sided tape and install the front fender to cowl side seals to the windshield (see page [WW-44](#)).
41. **INSTALL FRONT WIPER ARM AND BLADE ASSEMBLY LH** (See page [WW-44](#))
42. **INSTALL FRONT WIPER ARM AND BLADE ASSEMBLY RH** (See page [WW-45](#))
43. **INSTALL ENGINE ROOM SIDE COVER RH** (See page [WW-47](#))

44. **INSTALL ENGINE ROOM SIDE COVER LH** (See page [WW-47](#))
45. **INSTALL HOOD HINGE COVER** (for RH Side) (See page [WW-47](#))
46. **INSTALL HOOD HINGE COVER** (for LH Side) (See page [WW-47](#))
47. **INSTALL COOL AIR INTAKE DUCT SEAL** (See page [ET-14](#))
48. **PERFORM INITIALIZATION**  
**NOTICE:**  
Some systems need initialization after reconnecting the cable to the negative battery terminal (See page [IN-33](#)).
49. **CHECK SLIDING ROOF SYSTEM** (for Glass Roof)  
(See page [RF-13](#))
50. **INSPECT SRS WARNING LIGHT**  
(See page [RS-37](#))