

REPLACEMENT

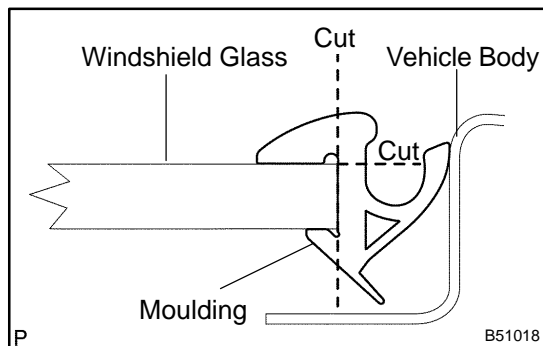
HINT:

- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
 - A bolt without a torque specification is a standard bolt (See page 03-2).
1. REMOVE FR WIPER ARM RH (See page 66-6)
 2. REMOVE FR WIPER ARM LH (See page 66-6)
 3. REMOVE COWL TOP VENTILATOR LOUVER SUB-ASSY (See page 66-6)
 4. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP RH (See page 66-6)
 5. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP LH (See page 66-6)
 6. REMOVE FRONT PILLAR GARNISH RH (w/o CURTAIN SHIELD AIR BAG) (See page 76-22)
 7. REMOVE FRONT PILLAR GARNISH LH (w/o CURTAIN SHIELD AIR BAG) (See page 76-22)
 8. REMOVE FRONT PILLAR GARNISH RH (w/ CURTAIN SHIELD AIR BAG) (See page 76-22)
 9. REMOVE FRONT PILLAR GARNISH LH (w/ CURTAIN SHIELD AIR BAG) (See page 76-22)
 10. REMOVE ROOF CONSOLE BOX ASSY (See page 76-22)
 11. REMOVE RH VISOR ASSY (See page 76-22)
 12. REMOVE LH VISOR ASSY (See page 76-22)
 13. REMOVE VISOR HOLDER (See page 76-22)
 14. REMOVE ROOF HEADLINING ASSY (See page 76-22)

HINT:

It is not necessary to completely remove the roof headlining. Slightly lower the front section of the roof headlining so that the windshield glass can be removed later in step 17.

15. REMOVE INNER REAR VIEW MIRROR ASSY (See page 70-29)



16. REMOVE WINDSHIELD MOULDING OUTER UPPER
 - (a) Using a knife, cut off the moulding, as shown in the illustration.

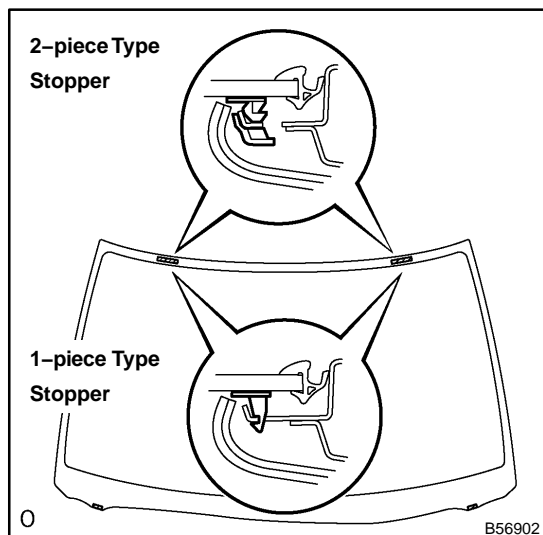
NOTICE:

Be careful not to damage the vehicle body with the knife.

- (b) Remove the remaining moulding.

HINT:

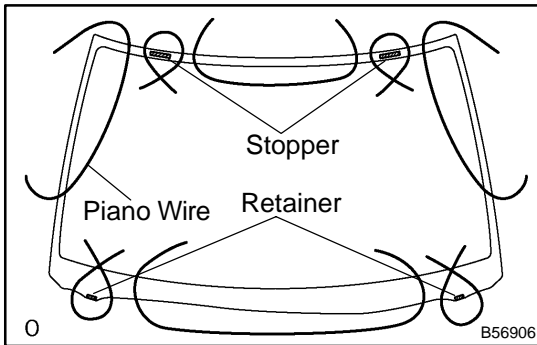
Make a partial cut in the moulding. Then pull and remove it by hand.



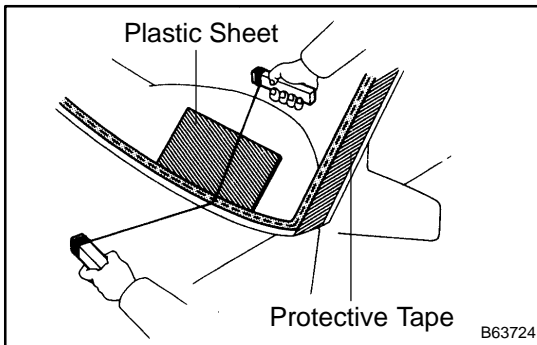
17. REMOVE WINDSHIELD GLASS

HINT:

In some cases, 1-piece type and 2-piece type stoppers are installed in the same vehicle.



- (a) From the interior, insert piano wires between the vehicle body and glass, as shown in the illustration.
- (b) Tie objects that can serve as handles (for example, wooden blocks) to all wire ends.

**HINT:**

Apply protective tape to the outer surface of the vehicle body to prevent its surface from being scratched.

NOTICE:

- **w/ Curtain shield airbag:**
When working around the curtain shield airbag, be careful not to damage the airbag.
 - When separating the glass from the vehicle, be careful not to damage the vehicle's paint or interior / exterior ornaments.
 - To prevent the safety pad from being scratched when removing the glass, place a plastic sheet between the piano wire and safety pad.
- (c) Cut through the adhesive by pulling the piano wire around the glass.
 - (d) Disengage the stoppers.
 - (e) Using a suction cup, remove the glass.

NOTICE:

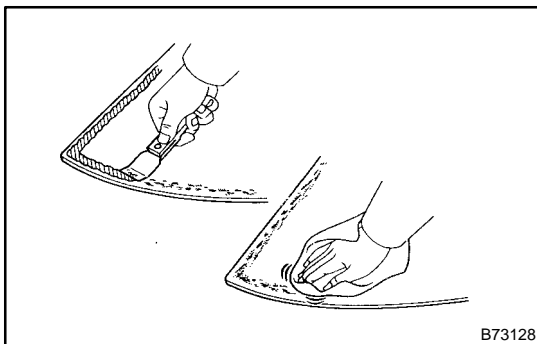
Leave as much adhesive on the vehicle body as possible when removing the glass.

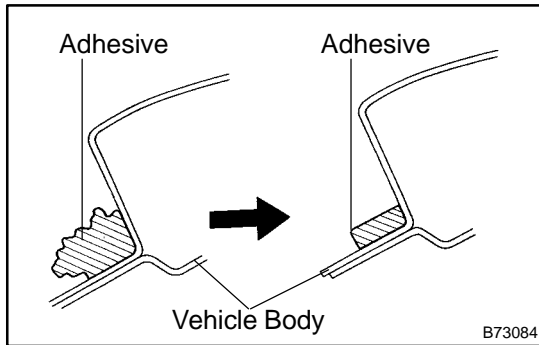
18. CLEAN WINDSHIELD GLASS

- (a) Using a scraper, remove the damaged stoppers, dam and adhesive sticking to the glass.
- (b) Clean the outer circumference of the glass with white gasoline.

NOTICE:

- Do not touch the glass after cleaning it.
- Even if using new glass, clean the glass with white gasoline.





19. CLEAN VEHICLE BODY

- (a) Clean and shape the contact surface of the vehicle body.
- (1) Using a knife, cut away any rough adhesive on the contact surface of the vehicle body to ensure the appropriate surface shape.

NOTICE:

Be careful not to damage the vehicle body.

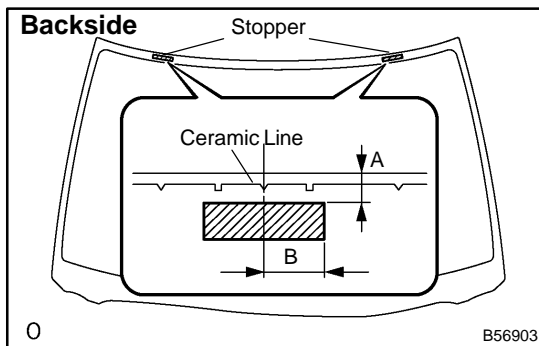
HINT:

Leave as much adhesive on the vehicle body as possible.

- (2) Clean the contact surface of the vehicle body with a piece of shop rag saturated with cleaner.

HINT:

Even if all the adhesive has been removed, clean the vehicle body.



20. INSTALL WINDSHIELD GLASS STOPPER NO.2

- (a) Coat the installation part of the stopper with Primer G.

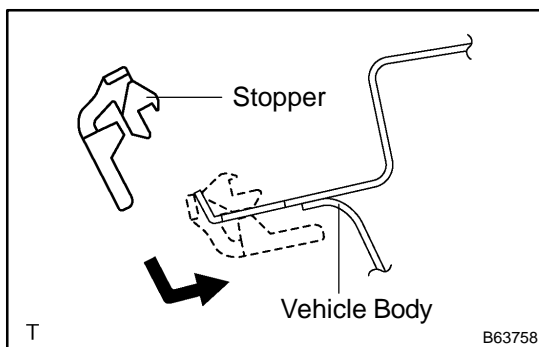
NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
- Throw away any leftover Primer G.
- Do not apply too much Primer G.

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

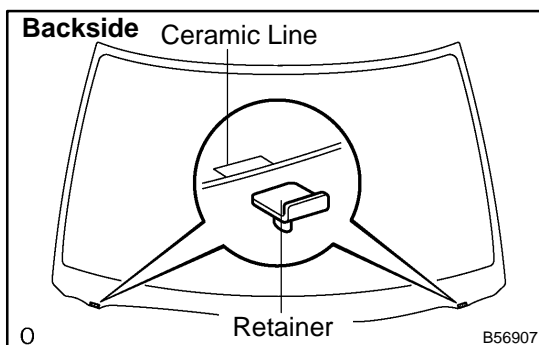
Specification:

| Area | Measurement |
|------|---------------------|
| A | 7.7 mm (0.303 in.) |
| B | 40.0 mm (1.575 in.) |



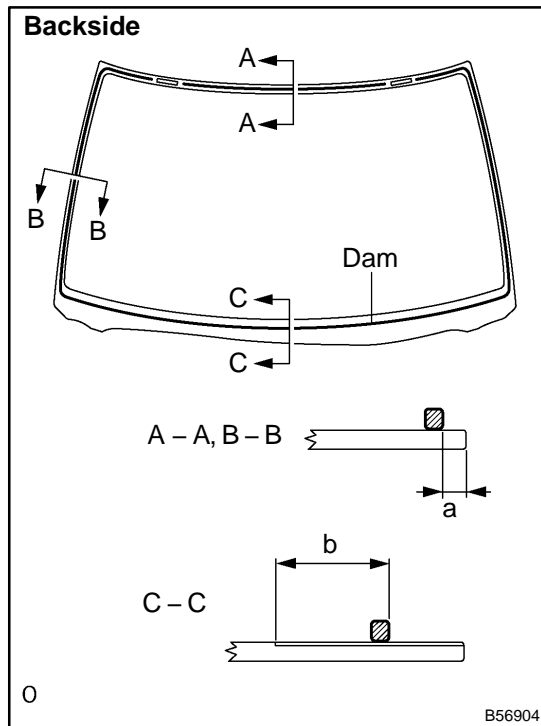
21. INSTALL WINDSHIELD GLASS STOPPER NO.1

- (a) Install 2 new stoppers to the vehicle body, as shown in the illustration.



22. INSTALL WINDSHIELD GLASS RETAINER

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



23. INSTALL WINDOW GLASS ADHESIVE DAM

- (a) Coat the installation part of the windshield glass adhesive dam with Primer G.

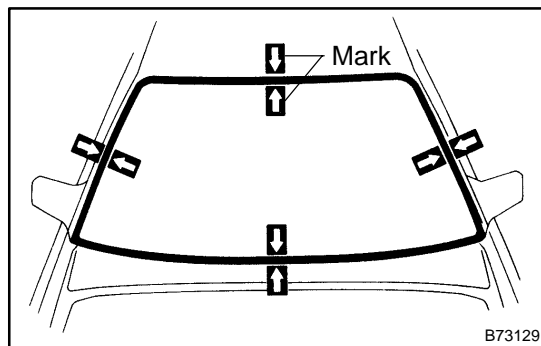
NOTICE:

- **Allow the primer coating to dry for 3 minutes or more.**
- **Throw away any leftover Primer G.**
- **Do not apply too much primer.**

- (b) Install a new dam, as shown in the illustration.

Specification:

| Area | Measurement |
|------|---------------------|
| a | 7.0 mm (0.276 in.) |
| b | 35.0 mm (1.378 in.) |



24. INSTALL WINDSHIELD GLASS

- (a) Position the glass.
- (1) Using a suction cup, place the glass in the correct position.
 - (2) Check that the whole contact surface of the glass rim is perfectly even.
 - (3) Place reference marks between the glass and vehicle body.

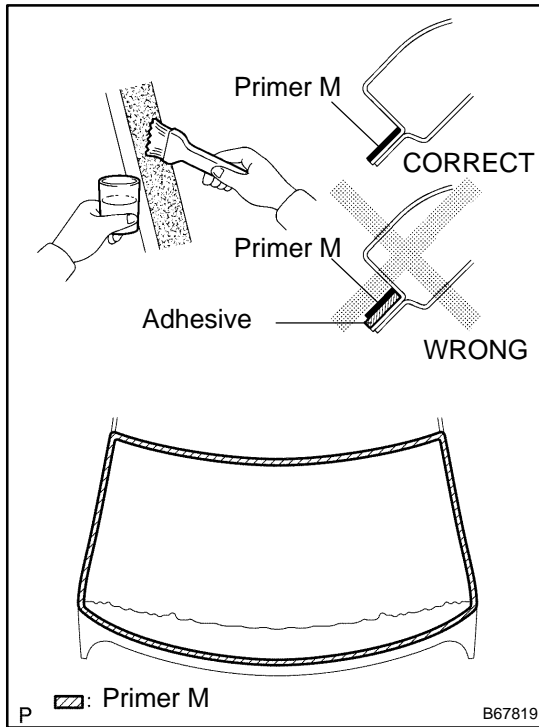
NOTICE:

Check that the stoppers are attached to the vehicle body correctly.

HINT:

When reusing the glass, check and correct the reference mark's positions.

- (4) Using a suction cup, remove the glass.



- (b) Using a brush, coat the exposed part of the vehicle body on the vehicle side with Primer M.

NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
- Do not coat the adhesive with Primer M.
- Throw away any leftover Primer M.
- Do not apply too much Primer M.

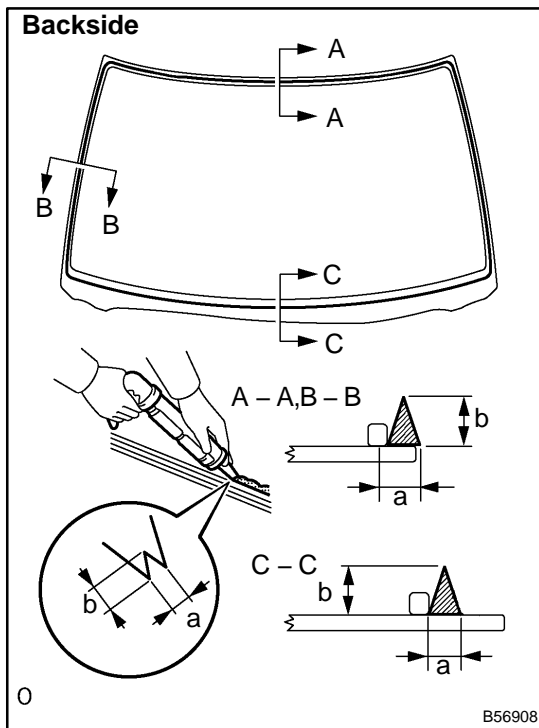
- (c) Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G.

HINT:

If the area other than that specified is coated by accident, wipe off the primer with a clean shop rag before it dries.

NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
- Throw away any leftover Primer G.
- Do not apply too much Primer G.



- (d) Apply adhesive.

Adhesive: Part No. 08850-00801 or equivalent

- (1) 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 timeframe:

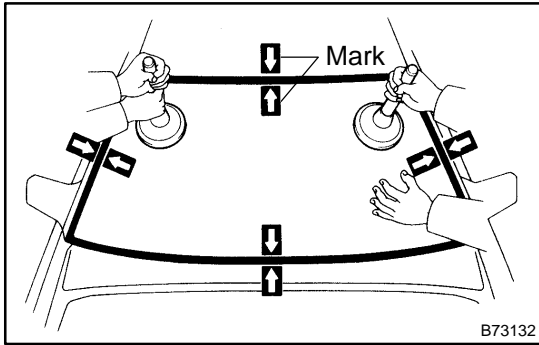
| Temperature | Usage Timeframe |
|-------------|-------------------|
| 35°C (95°F) | 15 minutes |
| 20°C (68°F) | 1 hour 40 minutes |
| 5°C (41°F) | 8 hours |

- (2) Load the sealer gun with the cartridge.

- (3) Coat the glass with adhesive, as shown in the illustration.

Specification:

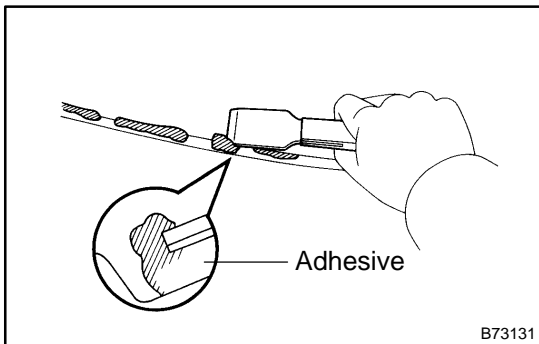
| Area | Measurement |
|------|---------------------|
| a | 8.0 mm (0.315 in.) |
| b | 12.0 mm (0.472 in.) |



- (e) Install the glass.
- (1) Using a suction cup, position the glass so that the reference marks are aligned. Press it in gently along the rim.

NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
 - Check that the stoppers are attached to the vehicle body correctly.
 - Check that the vehicle body and glass have a small gap between them.
- (2) Lightly press the front surface of the glass to ensure that the glass is securely fit to the vehicle body.



- (3) Using a scraper, remove any excess or protruding adhesive.

HINT:

Apply adhesive on the glass rim.

NOTICE:

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

Minimum time:

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

25. INSTALL WINDSHIELD MOULDING OUTER UPPER

- (a) Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G.

NOTICE:

- Allow the primer coating to dry for 3 minutes or more.
- Throw away any leftover Primer G.
- Do not apply too much Primer G.

- (b) Install the moulding.

26. CHECK FOR LEAKS AND REPAIR

- (a) Conduct a leak test after the adhesive has completely hardened.
- (b) Seal any leaks with auto glass sealer.