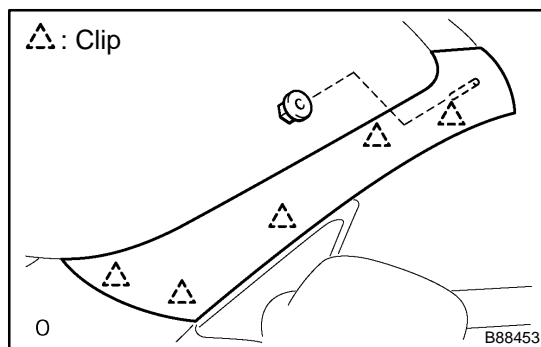


## REPLACEMENT

### HINT:

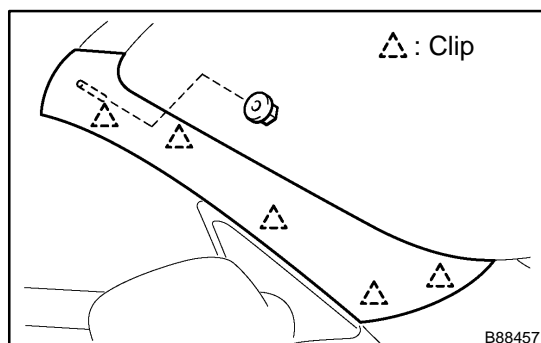
- The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.
  - A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).
1. REMOVE FRONT WIPER ARM RH (See page 66-3)
  2. REMOVE FRONT WIPER ARM LH (See page 66-3)
  3. REMOVE COWL TOP VENTILATOR LOUVER SUB-ASSY (See page 66-3)
  4. REMOVE DOOR SCUFF PLATE ASSY RH (See page 76-20)
  5. REMOVE DOOR SCUFF PLATE ASSY LH (See page 76-20)
  6. REMOVE FRONT DOOR OPENING TRIM COVER RH (See page 76-20)
  7. REMOVE FRONT DOOR OPENING TRIM COVER LH (See page 76-20)
  8. REMOVE FRONT PILLAR GARNISH RH (See page 76-20)
  9. REMOVE FRONT PILLAR GARNISH LH (See page 76-20)
  10. REMOVE VISOR BRACKET COVER RH (See page 76-20)
  11. REMOVE VISOR BRACKET COVER LH (See page 76-20)
  12. REMOVE RH VISOR ASSY (See page 76-20)
  13. REMOVE LH VISOR ASSY (See page 76-20)
  14. REMOVE VISOR HOLDER (See page 76-20)
  15. REMOVE MAP LAMP ASSY (See page 76-20)
  16. REMOVE ROOF FRONT CORNER HEADLINING RH (See page 76-20)
  17. REMOVE ROOF FRONT CORNER HEADLINING LH (See page 76-20)
  18. REMOVE ROOF HEADLINING ASSY (See page 76-20)
  19. REMOVE INNER REAR VIEW MIRROR STAY HOLDER COVER (See page 70-36)
  20. REMOVE INNER REAR VIEW MIRROR ASSY (See page 70-36)



21. REMOVE FRONT BODY PILLAR ASSY OUTER RH
  - (a) Remove the nut.
  - (b) Using a screwdriver, detach the 5 clips and remove the pillar.

### HINT:

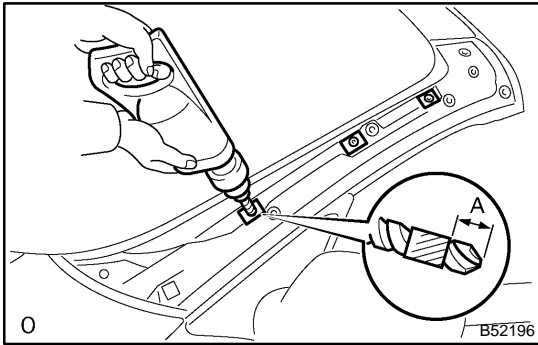
Tape the screwdriver tip before use.



22. REMOVE FRONT BODY PILLAR ASSY OUTER LH
  - (a) Remove the nut.
  - (b) Using a screwdriver, detach the 5 clips and remove the pillar.

### HINT:

Tape the screwdriver tip before use.

**23. REMOVE WINDSHIELD MOULDING OUTSIDE RH**

- (a) Remove the clip.
- (b) Remove the 3 rivets.
  - (1) Use a drill of less than  $\phi$  4 mm (0.16 in.).
  - (2) Gently and vertically place the drill tip onto the rivet, and cut the rivet flanges.

**Specification (A): 5 mm (0.20 in.)**

**NOTICE:**

- Do not drill the rivet at an angle as this will cause damage to the drill and drill hole. Line up the drill and rivet, and carefully drill out the rivet head.
- Be careful as the cut rivet will be very hot.
  - (3) Even if the flange is taken off, continue drilling and push out the remaining fragment with the drill.

**24. REMOVE WINDSHIELD MOULDING OUTSIDE LH****25. REMOVE WINDSHIELD MOULDING OUTER UPPER**

- (a) Using a knife, cut through the moulding as shown in the illustration.

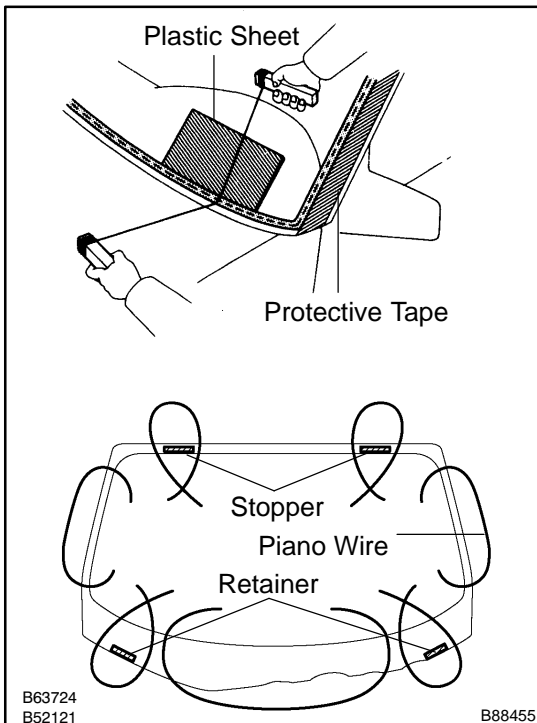
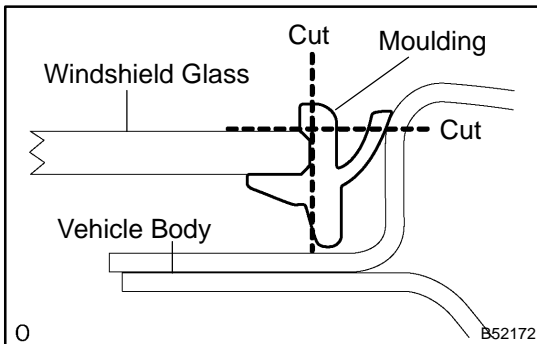
**NOTICE:**

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

- (b) Remove the remaining moulding.

**HINT:**

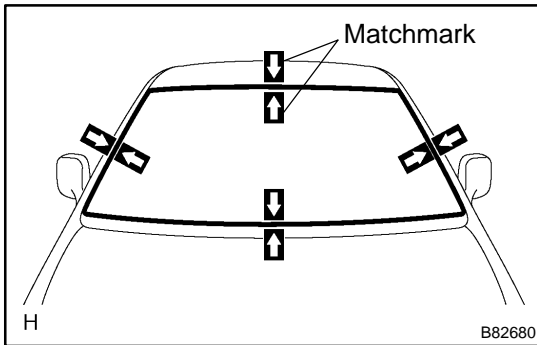
Make a partial cut in the moulding. Then pull and remove it by hand.

**26. REMOVE WINDSHIELD GLASS**

- (a) Apply protective tape to the outer surface of the vehicle body to prevent scratches.
- (b) From the interior, insert a piano wire between the vehicle body and glass as shown in the illustration.
- (c) Tie objects that can serve as handles (for example, wooden blocks) to both wire ends.

**NOTICE:**

- When separating the glass from the vehicle, be careful not to damage the vehicle's paint or interior/exterior ornaments.
- To prevent the instrument panel from being scratched when removing the glass, place a plastic sheet between the piano wire and instrument panel.



- (d) Place matchmarks over the glass and vehicle body on the locations indicated in the illustration.

**HINT:**

Matchmarks do not need to be placed if the glass is not going to be reused.

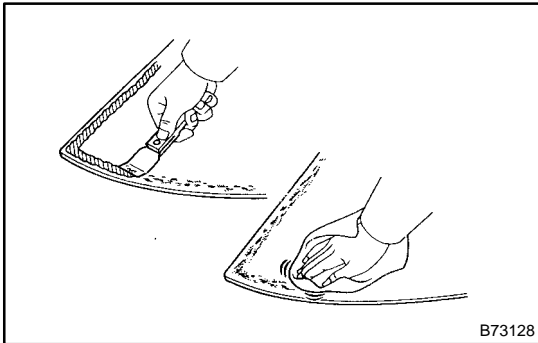
- (e) Cut through the adhesive by pulling the piano wire around the glass.

**NOTICE:**

**Leave as much adhesive on the vehicle body as possible when cutting through the adhesive.**

- (f) Detach the stoppers.

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

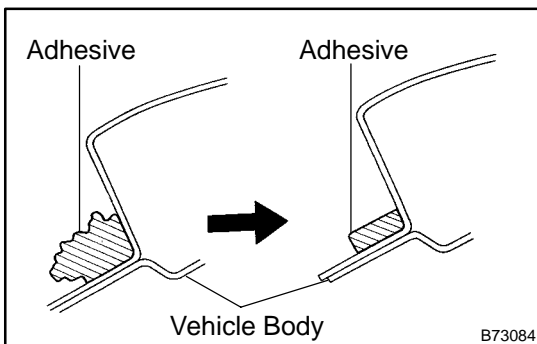
**27. CLEAN WINDSHIELD GLASS**

- (a) Using a scraper, remove the damaged stoppers, dams and adhesive sticking to the glass.

- (b) Clean the outer edges of the glass with white gasoline.

**NOTICE:**

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

**28. CLEAN VEHICLE BODY**

- (a) Clean and shape the contact surface of the vehicle body.

- (1) On the contact surface of the vehicle body, use a knife to cut away excess adhesive as shown in the illustration.

**HINT:**

Leave as much adhesive on the vehicle body as possible.

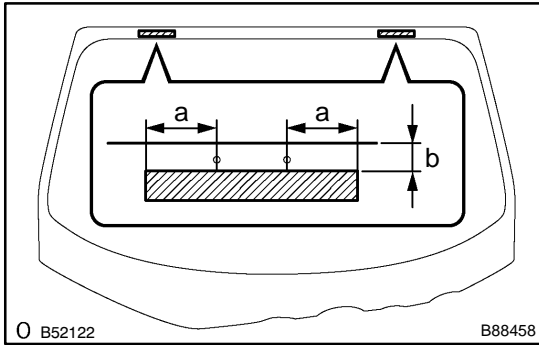
**NOTICE:**

**Be careful not to damage the vehicle body.**

- (2) Clean the contact surface of the vehicle body with cleaner.

**HINT:**

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



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

- (a) Apply Primer G to the glass where the stoppers will be installed.

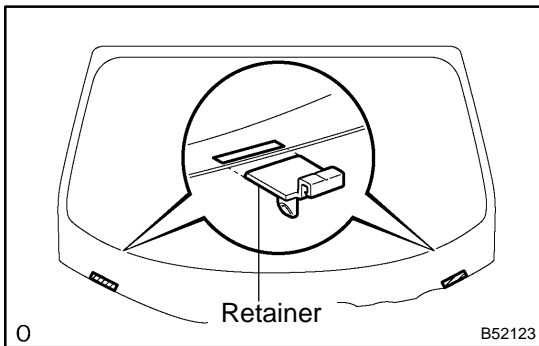
**NOTICE:**

- **Allow the Primer G 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	40.0 mm (1.575 in.)
b	10.5 mm (0.413 in.)



**30. INSTALL WINDSHIELD GLASS RETAINER**

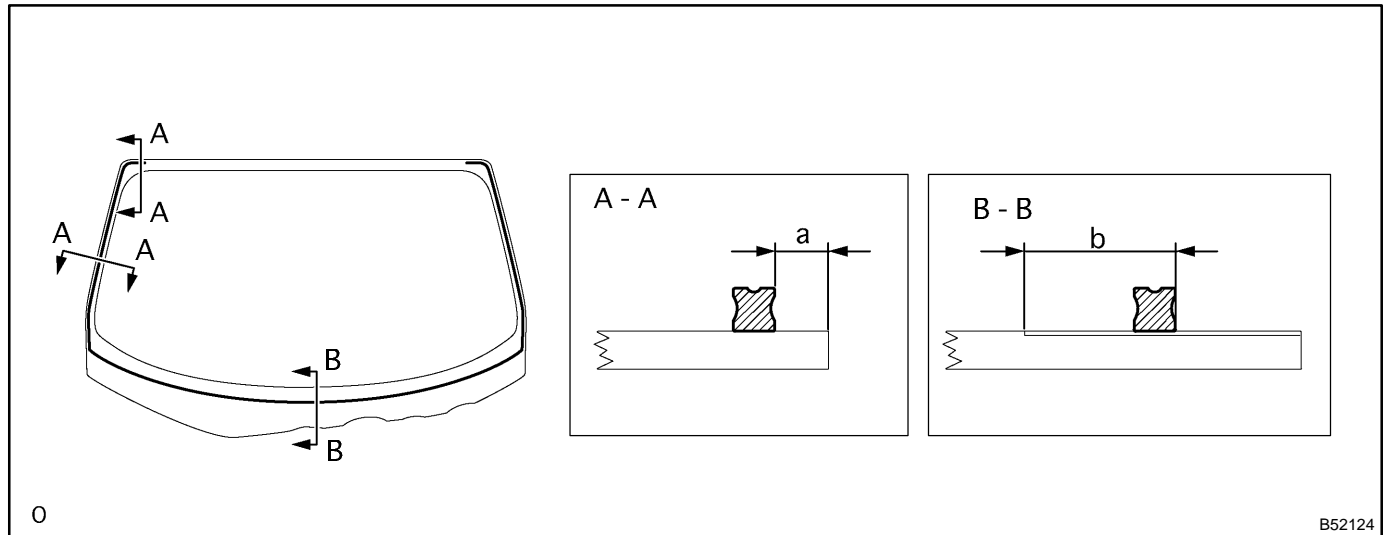
- (a) Install 2 new retainers onto the glass, as shown in the illustration.

**31. INSTALL WINDOW GLASS ADHESIVE DAM**

(a) Apply Primer G to the glass where the adhesive dams will be installed.

**NOTICE:**

- **Allow the Primer G to dry for 3 minutes or more.**
  - **Throw away any leftover Primer G.**
  - **Do not apply too much Primer G.**
- (b) Remove the peeling paper from the adhesive part of the dam. Install the dam (adhesive side) to the glass (Primer G area) as shown in the illustration.

**Specification:**

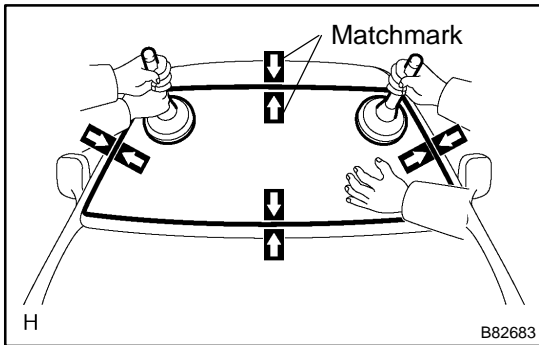
Area	Measurement
a	7.0 mm (0.276 in.)
b	48.5 mm (1.909 in.)

**32. INSTALL WINDSHIELD MOULDING OUTER UPPER**

(a) Using a brush or sponge, apply Primer G to the glass where the moulding will be installed.

**NOTICE:**

- **Allow the Primer G to dry for 3 minutes or more.**
  - **Throw away any leftover Primer G.**
  - **Do not apply too much Primer G.**
- (b) Install new moulding before the adhesive dries.



### 33. INSTALL WINDSHIELD GLASS

(a) Position the glass.

- (1) Using a suction cup, place the glass in the correct position.
- (2) Check that the entire contact surface of the glass rim is perfectly even.
- (3) Place matchmarks over the glass and vehicle body on the locations indicated in the illustration.

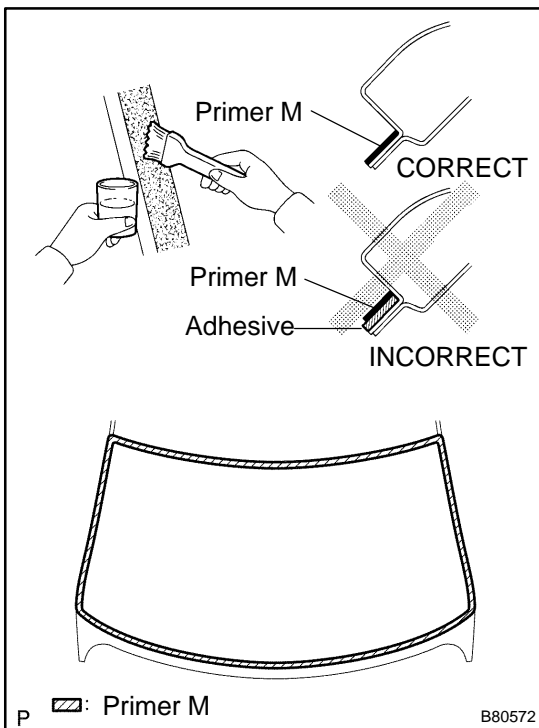
HINT:

- Placing matchmarks is only necessary if the glass being installed is new. If it is reused glass, matchmarks should already be present.
- When reusing the glass, check and correct the matchmark positions.

**NOTICE:**

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

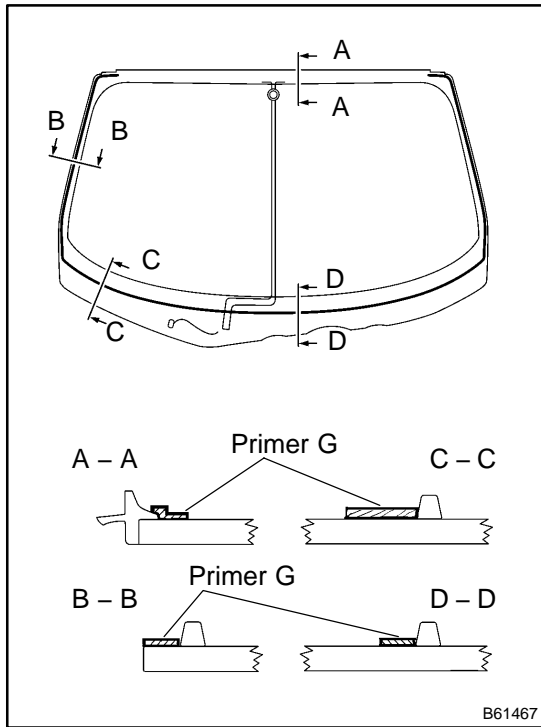
- (4) Using a suction cup, remove the glass.



(b) Using a brush, apply Primer M to the exposed part of the vehicle body.

**NOTICE:**

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



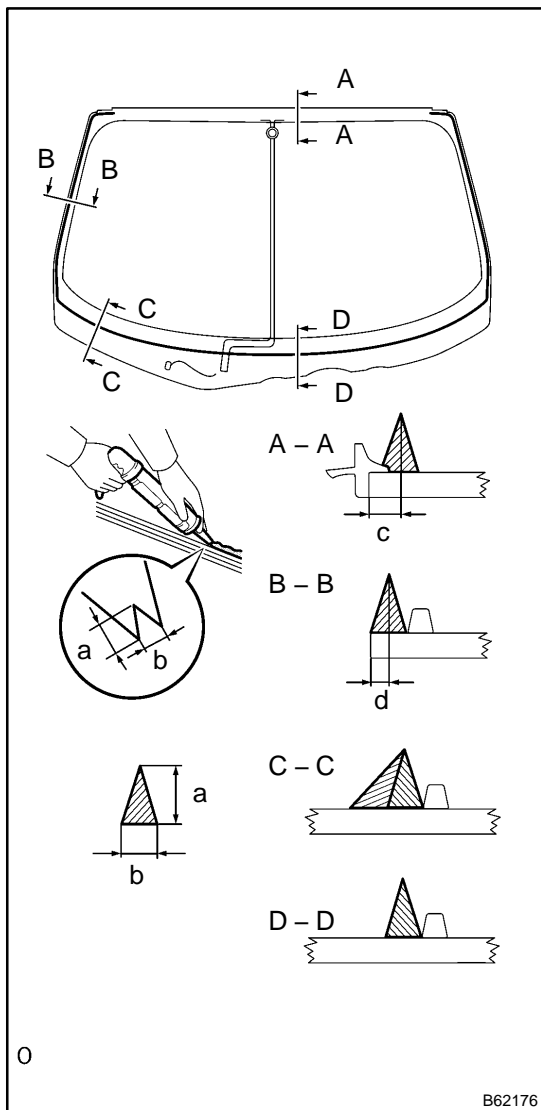
(c) Using a brush or sponge, apply Primer G to the contact surface of the glass.

**HINT:**

If Primer G is applied to an area that is not specified, apply white gasoline to a clean cloth and wipe off the excess primer.

**NOTICE:**

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



(d) Apply adhesive to the glass.

**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 written in the table below.

**Usage timeframe:**

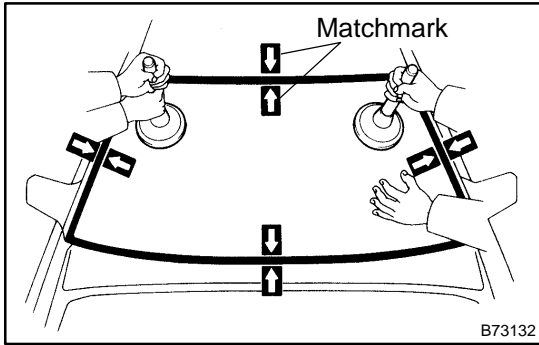
Temperature	Usage Timeframe
35°C (95°F)	15 minutes
20°C (68°F)	1 hour 40 minutes
5°C (41°F)	8 hours

(2) Load the sealer gun with the cartridge.

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

**Specification:**

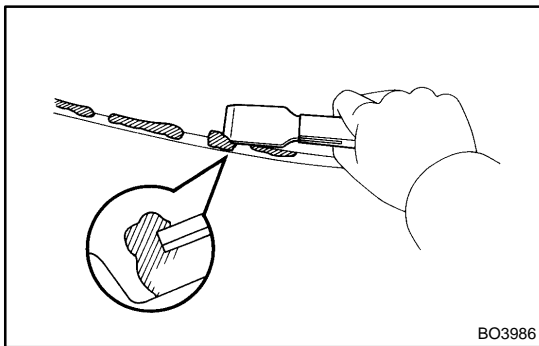
Area	Measurement
a	12.0 mm (0.472 in.)
b	8.0 mm (0.315 in.)
c	6.5 mm (0.256 in.)
d	3.0 mm (0.118 in.)



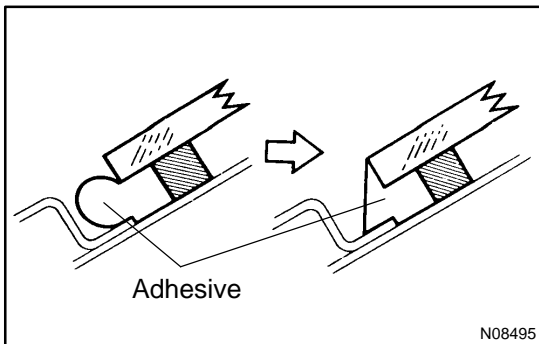
- (e) Install the glass to the vehicle body.
  - (1) Using a suction cup, position the glass so that the matchmarks are aligned. Press it in gently along the rim.
  - (2) Lightly press the front surface of the glass to ensure that it is securely fit to the vehicle body.

**NOTICE:**

- Check that the stoppers are attached to the vehicle body correctly.
- Check that the vehicle body and glass have a small gap between them.
- (3) Hold the glass in place securely with protective tape or equivalent until the adhesive hardens.



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



**HINT:**

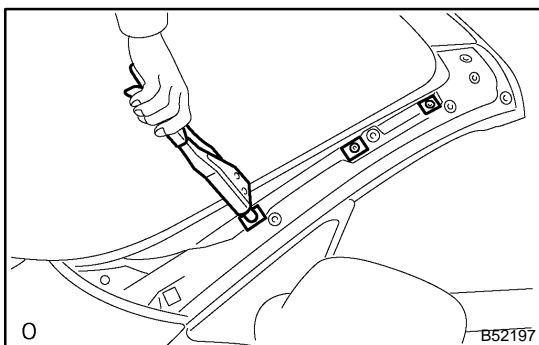
Apply adhesive on the glass rim.

**NOTICE:**

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

**Minimum time:**

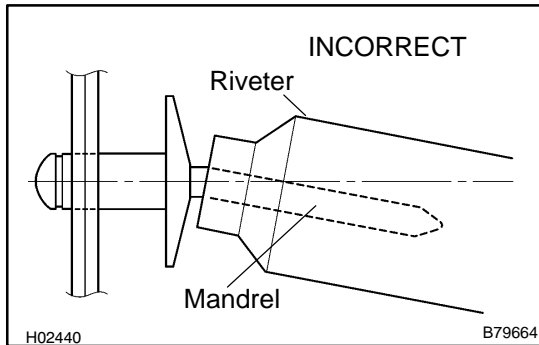
Temperature	Minimum time prior to driving vehicle
35° C (95° F)	1.5 hours
20° C (68° F)	5 hours
5° C (41° F)	24 hours



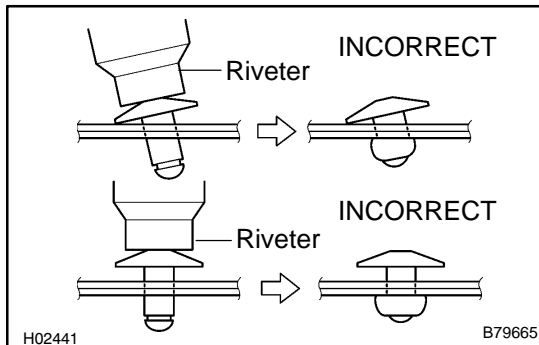
**34. INSTALL WINDSHIELD MOULDING OUTSIDE RH**

- (a) Using an air riveter or hand riveter with nose piece, strike rivets into the body panel.

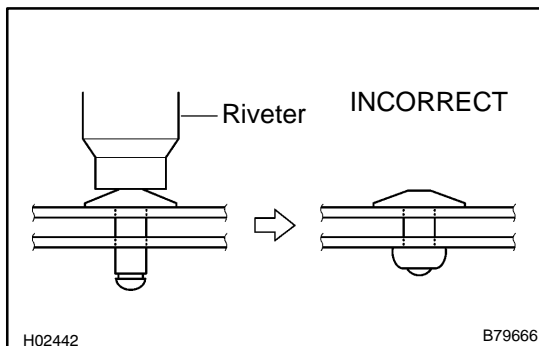


**NOTICE:**

- Do not pry the rivet with the riveter, as this will cause damage to the riveter and mandrel.



- Confirm that the rivets are seated properly against the moulding outside.
- Do not tilt the riveter when installing the rivet to the moulding outside.
- Do not leave any space between the rivet head and the moulding outside.



- Do not have any space between the moulding outside and body panel. Firmly hold together the 2 items while installing the rivet.

**35. INSTALL WINDSHIELD MOULDING OUTSIDE LH****36. INSTALL FRONT BODY PILLAR ASSY OUTER RH**

- Replace the clip with a new one.
- Install the front right body pillar assembly outer with 5 clips and nut.

**37. INSTALL FRONT BODY PILLAR ASSY OUTER LH****38. CHECK FOR LEAKS AND REPAIR**

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