700O7–01

REPLACEMENT

HINT:

The installation is in the reverse order of the removal. However, when there is a special point concerning the installation, it is indicated.

1. REMOVE ROOF HEADLINING ASSY (See page 76–54 or 76–58)

(a) Remove the front door weatherstrip LH.
(b) Remove the front door weatherstrip RH.
(c) Remove the 2 assist grips.
(d) Remove the front pillar garnish LH.
(e) Remove the front pillar garnish RH.
(f) Remove the 2 visor bracket covers.
(g) Remove the LH visor assy.
(h) Remove the RH visor assy.
(i) Remove the 2 visor holders.
(j) Remove the roof console box assy.
(k) Remove the roof headlining assy.

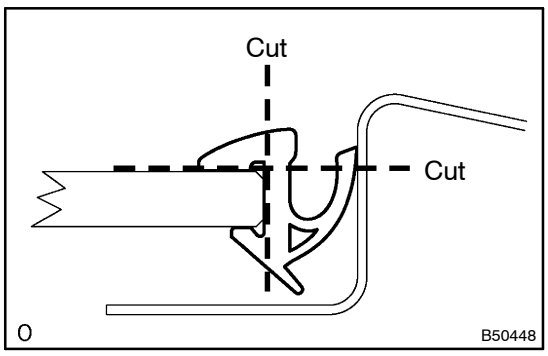
2. REMOVE INNER REAR VIEW MIRROR ASSY (See page 70–46)

3. REMOVE COWL TOP VENTILATOR LOUVER SUB–ASSY (See page 66–10)

(a) Remove the 2 front wiper arm covers.
(b) Remove the FR wiper arm LH.
(c) Remove the FR wiper arm RH.
(d) Remove the front fender to cowl side seal LH.
(e) Remove the front fender to cowl side seal RH.
(f) Remove the cowl top ventilator louver.

4. REMOVE WINDSHIELD MOULDING OUTSIDE LH (See page 76–15)

5. REMOVE WINDSHIELD MOULDING OUTSIDE RH (See page 76–15)



6. REMOVE WINDSHIELD MOULDING OUTER UPPER

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

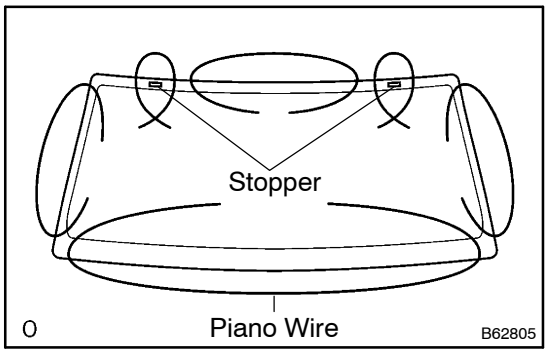
NOTICE:

Do not damage the body with the knife.

(b) Remove the remaining moulding.

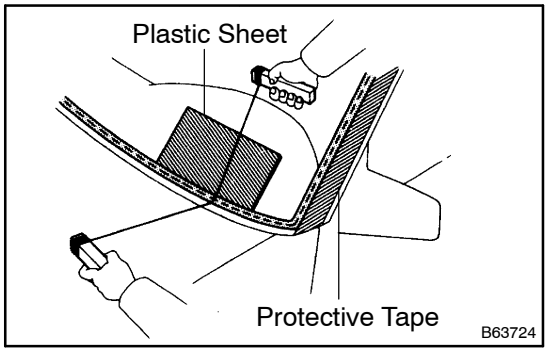
HINT:

When removing, make a cut partly, pull and remove it by hand.



7. REMOVE WINDSHIELD GLASS

(a) Pass a piano wire through between the body and glass from the interior.



(b) Tie both wire ends to wooden blocks or similar objects.

HINT:

Apply protective tape to the outer surface to prevent the surface from being scratched.

NOTICE:

- **When separating the glass, take care not to damage the paint and the interior and 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.**

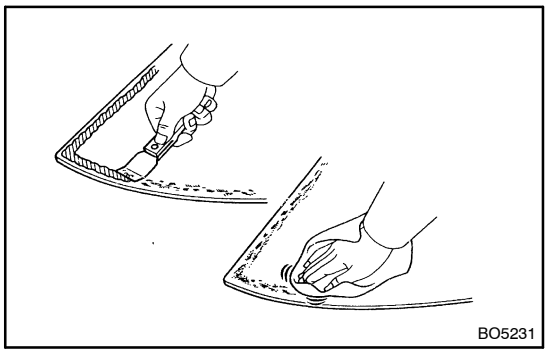
(c) Cut off the adhesive by pulling the piano wire around the glass.

(d) Disengage the stoppers.

(e) Using a suction rubber, remove the glass.

NOTICE:

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



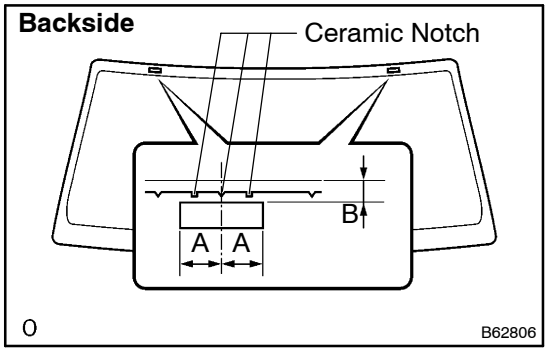
8. CLEAN WINDSHIELD GLASS

(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 surface after cleaning it.**
- **Be careful not to damage the body.**



9. INSTALL WINDSHIELD GLASS STOPPER NO.2

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

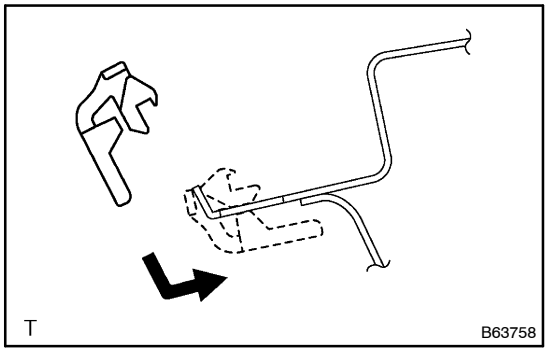
NOTICE:

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

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

Dimension:

A	40.0 mm (1.575 in.)
B	7.8 mm (0.307 in.)



10. INSTALL WINDSHIELD GLASS STOPPER NO.1

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

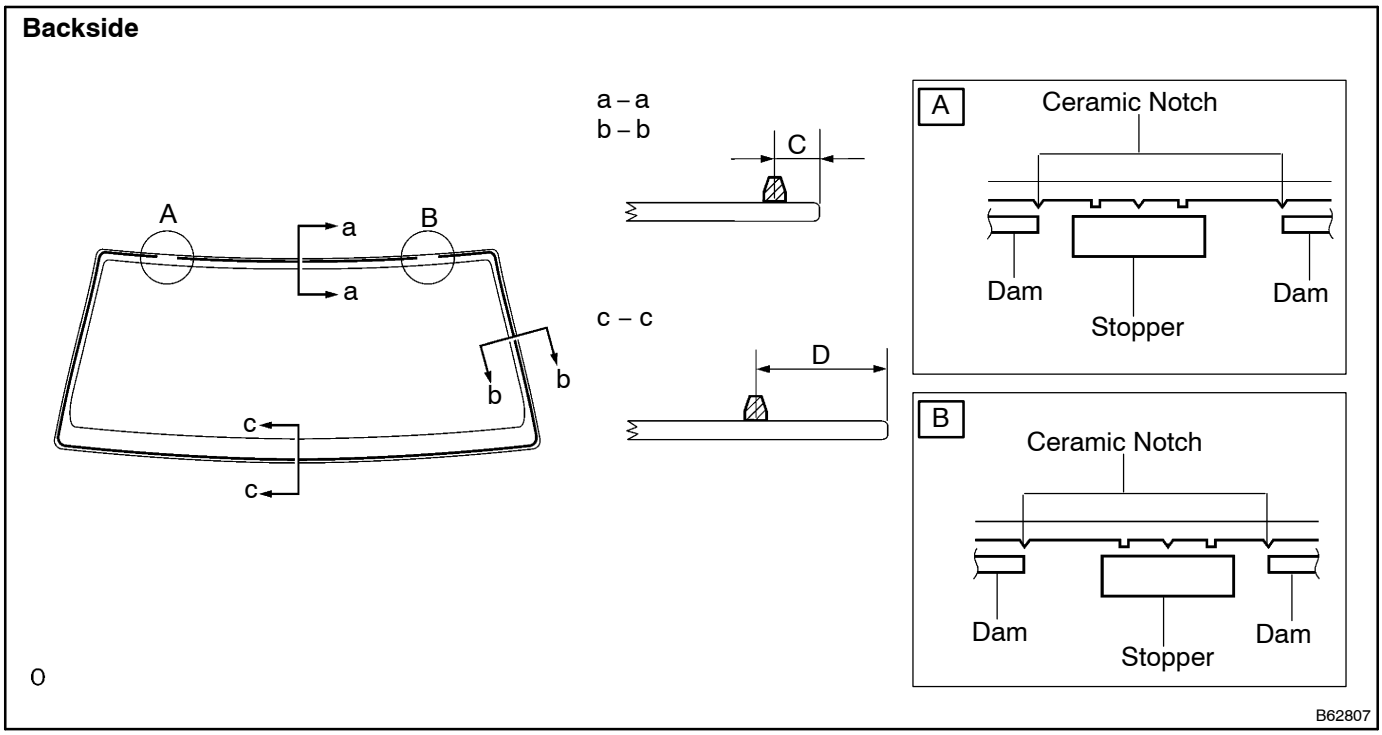
11. INSTALL WINDOW GLASS ADHESIVE DAM

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

NOTICE:

- **Dry the primer coating for 3 minutes or more.**
- **Do not apply too much primer.**

(b) Install new dam with double–sided tape all the way around the glass except where the dam is installed, as shown in the illustration.



Dimension:

C	9.5 mm (0.374 in.)
D	31.4 mm (1.236 in.)

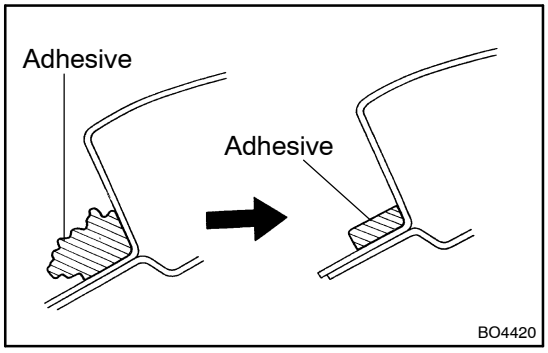
12. REMOVE ROOF HEADLINING ASSY

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

NOTICE:

- **Dry the primer coating for 3 minutes or more.**
- **Do not coat the adhesive with Primer G.**
- **Do not keep any of the opened Primer G for later use.**

(b) Install the windshield moulding outer upper.



13. INSTALL WINDSHIELD GLASS

(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 body to shape the surface.

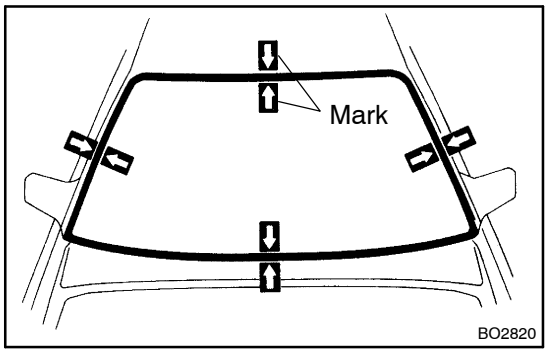
HINT:

Leave as much adhesive on the body as possible.

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

HINT:

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



(b) Position the glass.

(1) Using a suction rubber, 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 body.

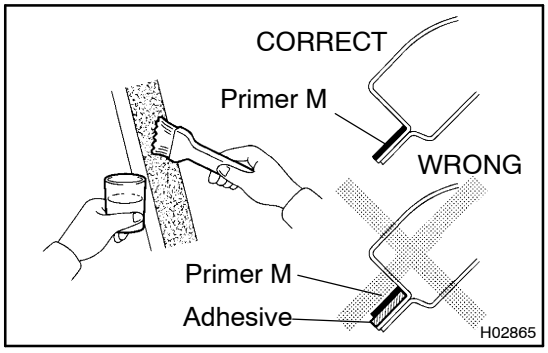
NOTICE:

Check that the stoppers are attached to the body correctly.

HINT:

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

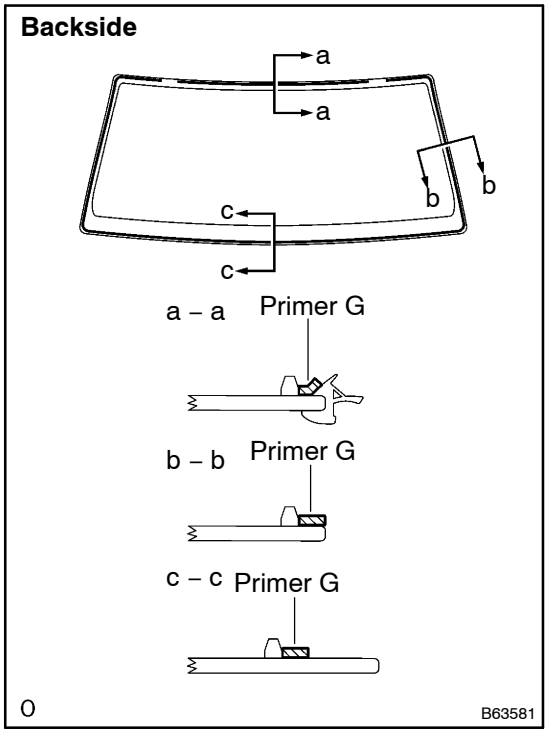
(4) Remove the glass.



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

NOTICE:

- **Dry the primer coating for 3 minutes or more.**
- **Do not coat the adhesive with Primer M.**
- **Do not keep any of the opened Primer M for later use.**



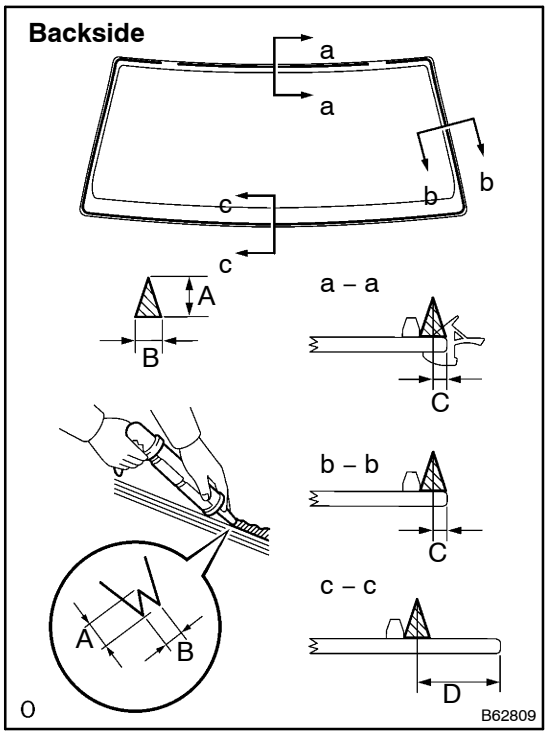
(d) Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G.

HINT:

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

NOTICE:

- **Dry the primer coating for 3 minutes or more.**
- **Do not keep any of the opened Primer G for later use.**



(e) 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.

Tackfree time:

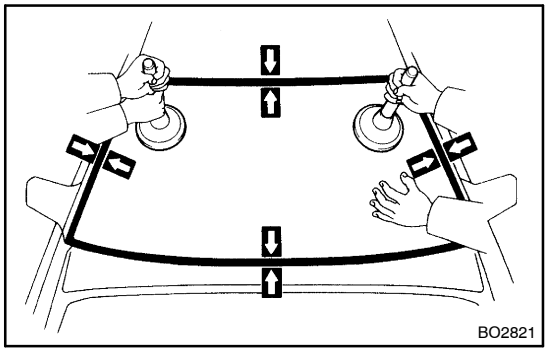
Temperature	Tackfree Time
35°C (95°F)	15 minutes
20°C (68°F)	100 minutes
5°C (41°F)	8 hours

(2) Load the sealer gun with the cartridge.

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

Dimension:

A	12.0 mm (0.472 in.)
B	8.0 mm (0.315 in.)
C	3.0 mm (0.118 in.)
D	24.9 mm (0.980 in.)


BO2821

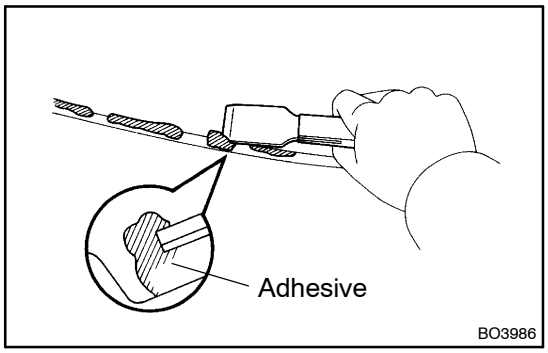
(f) Install the glass.

(1) Using a suction rubber, position the glass so that the reference marks are aligned, and press it in gently along the rim.

NOTICE:

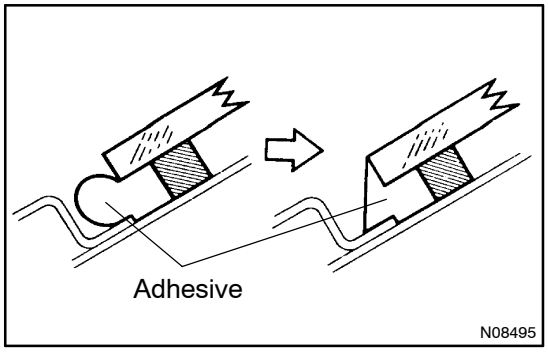
- **Dry the primer coating for 3 minutes or more.**
- **Check that the stoppers are attached to the body correctly.**
- **Check the clearance between the body and glass.**

(2) Lightly press the glass front surface for close contact.



BO3986

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



N08495

HINT:

Apply adhesive onto the glass rim.

NOTICE:

Take care not to drive the vehicle during the time described 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

14. INSPECT FOR LEAKS AND REPAIR

(a) Conduct a leak test after the adhesive has completely hardened.

(b) Seal any leaks with auto glass sealer.