

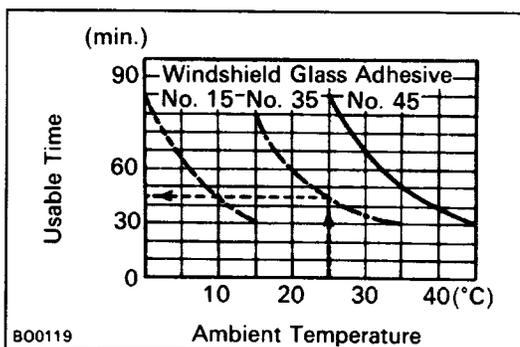
WINDSHIELD PREPARE ITEMS LISTED

Part name and No.	Contents of set	Quantity
Adhesive set 08850-00070 (0-15°C or 32-59°F) 08850-00080 (15-35°C or 59-95°F) 08850-00090 (35-45°C or 95-113°F)	Main agent 500g (17.64 oz.) hardening agent 75g (2.65 oz.) Primer G (for glass) 20g (0.71 oz.) Primer M (for body) 20g (0.71 oz.) Sponge (for applying primer) Piano wire 0.6 mm dia. x 1 m (0.024 x 39.37 in.) Cartridge	1 ea. 1 ea. 1 ea. 1 ea. 2 ea. 1 ea. 1 set.
Dam kit 04562-12010	Dam Double-sided tape (for sticking on dam)	
	Sealant gun (for applying adhesive) Glass or steel sheet (for mixing adhesive) Putty spatula (for mixing adhesive and correcting adhered parts) Cleaner (for cleaning adhering surface)	

Ambient temperature	Part No.	Part name
0 - 15°C (32 - 59°F)	08850-00070	Windshield glass adhesive set No. 15
15 - 35°C (59 - 95°F)	08850-00080	Windshield glass adhesive set No. 35
35 - 45°C (95 - 113°F)	08850-00090	Windshield glass adhesive set No. 45

1. CHOOSE SUITABLE ADHESIVE SET

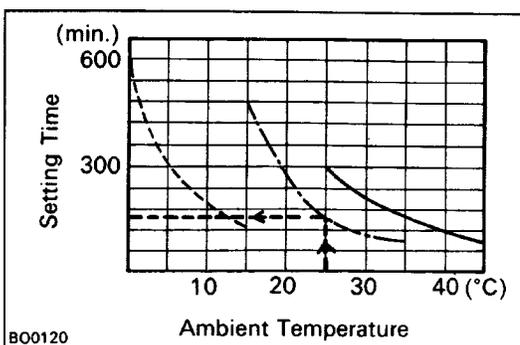
Use an adhesive set suitable for the ambient temperature.



2. CHECK ADHESIVE USABLE TIME

After the mixing main and hardening agents, finish glass installation within the specified time as shown.

Example: For glass installation in an ambient temperature of 25°C (77°F), apply adhesive set No. 35 within 45 minutes.



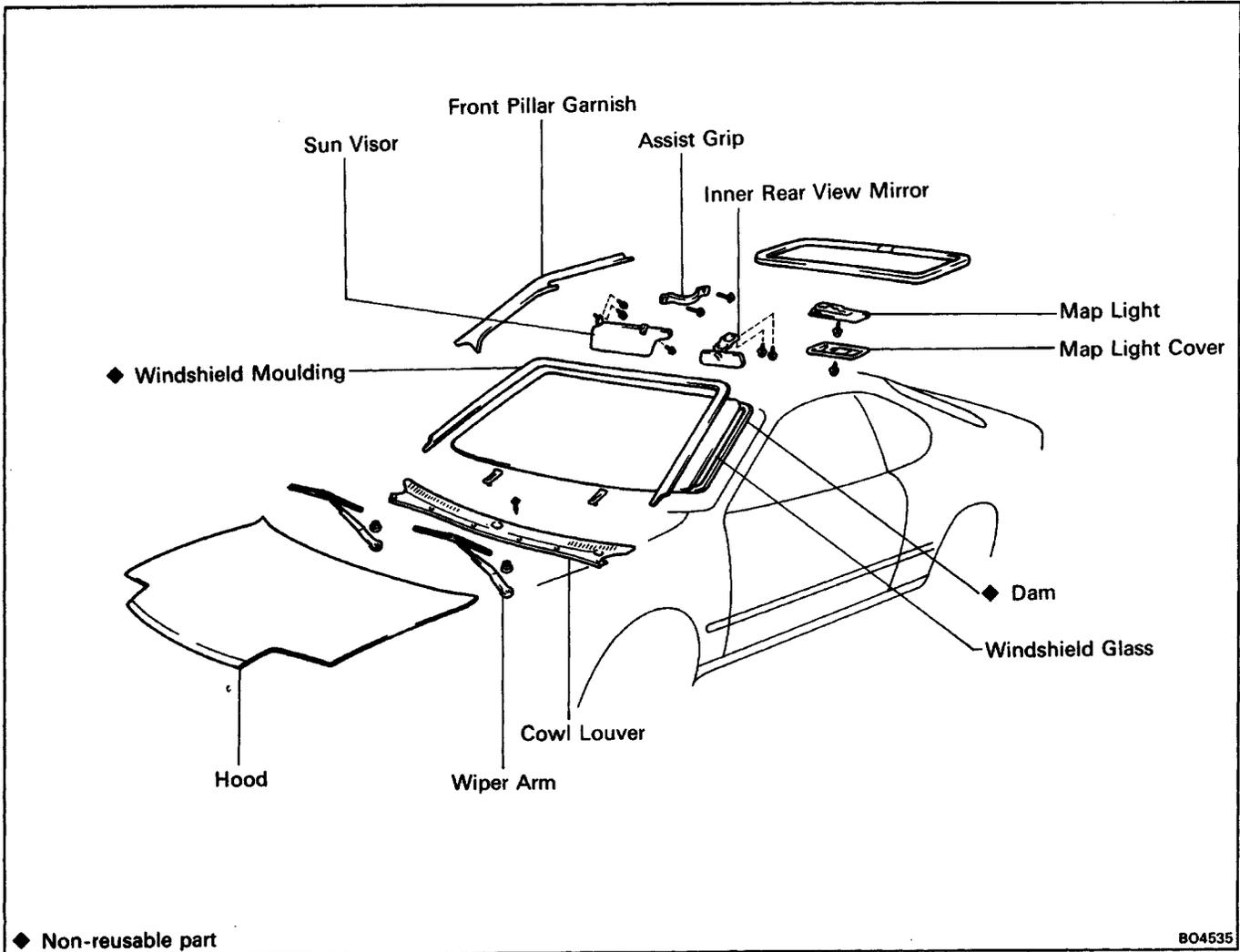
3. CHECK ADHESIVE HARDENING TIME

After main and hardening agents are mixed, leak tests should be made only after the hardening time has elapsed.

Example: The hardening time for adhesive set No. 35 with an ambient temperature of 25°C (77°F) is 2.5 hours.

NOTICE: Do not drive the vehicle until at least double the hardening time has elapsed.

COMPONENTS



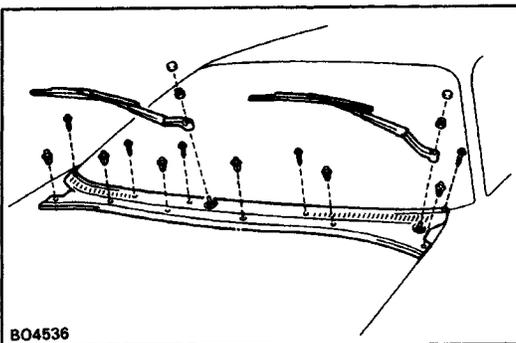
REMOVAL OF WINDSHIELD

1. REMOVE WIPER ARMS

Remove two nuts and the wiper arms.

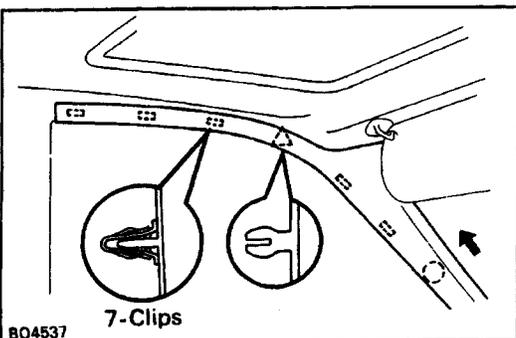
2. REMOVE COWL LOUVER

- (a) Remove five screws and six clips from the louver.
- (b) Remove the louver.



3. REMOVE FRONT PILLAR GARNISH

- (a) Remove the clips by your hand.
- (b) Pull out the garnish from the roof side inner garnish.
- (c) Pull the garnish backward to remove it.



4. REMOVE FOLLOWING PARTS:

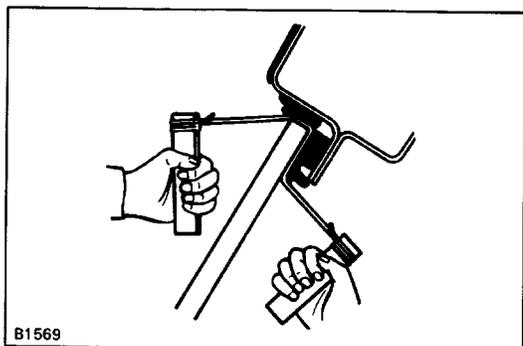
- Inner rear view mirror, sun visors and holders
- Hood
- Assist grip
- Map light and map light cover (See step 4 on page [BO-54](#))

5. DISCONNECT FRONT SIDE OF ROOF HEADLINING

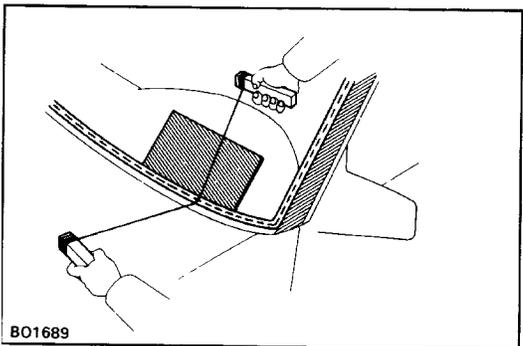
HINT: Do not fold down the headlining.

6. REMOVE WINDSHIELD MOULDING

(See step 3 on page [BO-21](#))

**7. REMOVE WINDSHIELD GLASS**

- (a) Push piano wire through from the interior.
 - (b) Tie both wire ends to a wooden block or like object.
- HINT: Apply adhesive tape to the outer surface to keep the surface from being scratched.



NOTICE: When separating, take care not to damage the paint and interior and exterior ornaments.

To prevent scratching the safety pad when removing the windshield, place a plastic sheet between the piano wire and safety pad.

- (c) Cut the adhesive by pulling the piano wire around it.
- (d) Remove the glass.

NOTICE: Leave as much of the urethane layer on the body as possible when cutting off the glass.

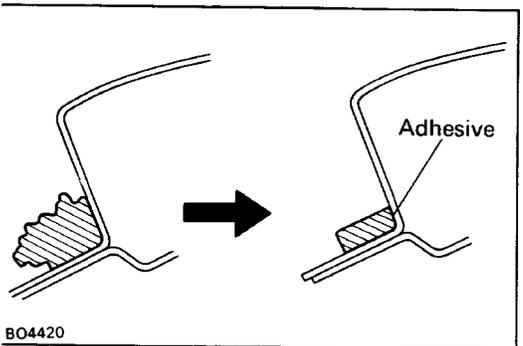
INSTALLATION OF WINDSHIELD**1. CLEAN AND SHAPE CONTACT SURFACE OF BODY**

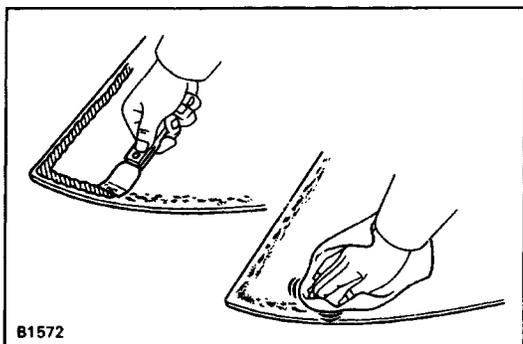
- (a) Remove the retainers.
- (b) Remove any dam remaining on the body.
- (c) Cut away any rough areas with a knife.

HINT: Leave as much of the urethane layer on the body as possible.

- (d) Clean the cutting surface of the urethane gum with a piece of shop rag saturated in cleaner.

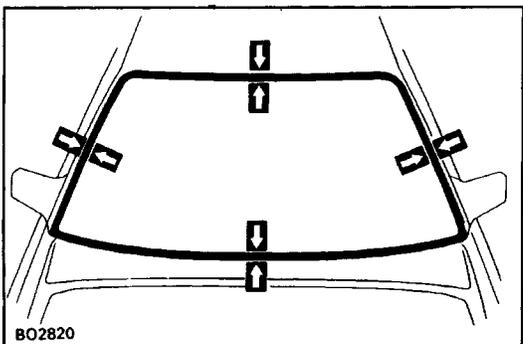
HINT: Even if all the urethane has been removed, clean the body.



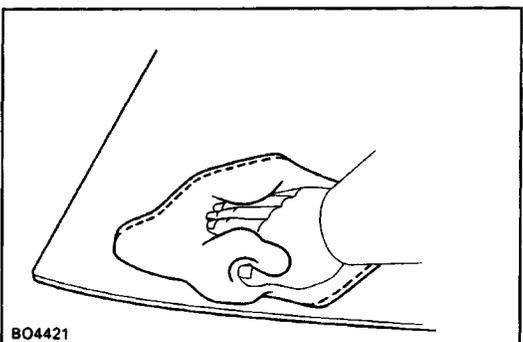


2. **CLEAN REMOVED GLASS BEFORE INSTALLATION**
 - (a) Using a scraper, remove the urethane gum sticking to the glass.
 - (b) Clean the glass with cleaner.

NOTICE: Do not touch the glass after cleaning it.



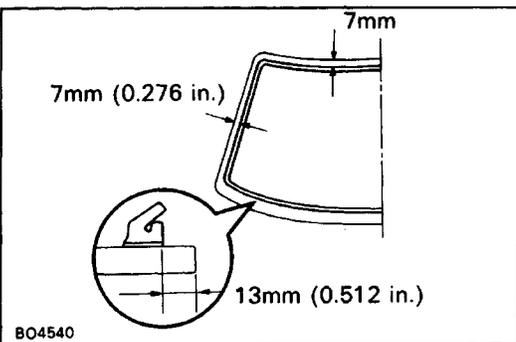
3. **POSITION GLASS**
 - (a) Place glass in correct position.
 - (b) Check that all contacting parts of the glass rim are perfectly even and do not make contact with the fasteners.
 - (c) Place reference marks between the glass and body.
 - (d) Remove the glass.



4. **CLEAN CONTACT SURFACE OF GLASS**

Using cleaner, clean the contact surface black-colored area around the entire glass rim.

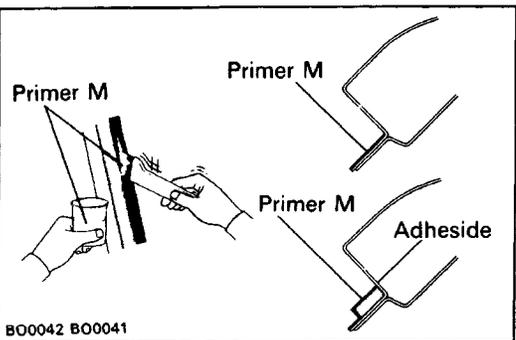
NOTICE: Do not touch the glass face after cleaning it.



5. **INSTALL DAM**

Install the dam with double-sided tape as shown in the drawing.

NOTICE: Do not touch the glass face after cleaning it.

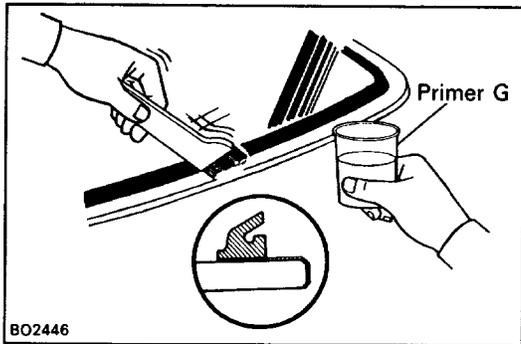


6. **COAT CONTACT SURFACE OF BODY WITH PRIMER "M"**

Using a brush, coat the contact surface on the body with Primer M.

NOTICE:

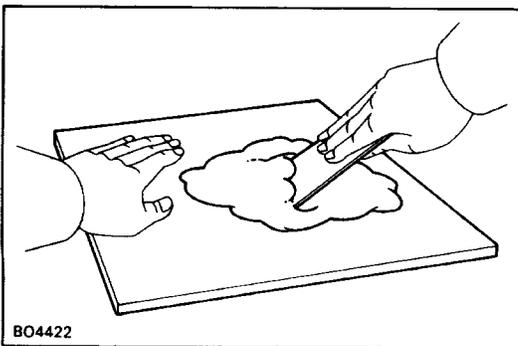
- Let the Primer coating dry for 10 minutes or more. Make sure that the installation of the glass is finished within 2 hours.
- Use care not to leave any part of the contact surface uncoated or excessively coated, as Primer M and G serve to boost the adhesive power of the urethane to the glass or body.
- Do not keep any of the opened Primer M and G for later use.



7. COAT CONTACT SURFACE OF GLASS WITH PRIMER "G"

- Using a brush or sponge, coat the edge of the glass and the contact surface with Primer G.
- Before the Primer dries, wipe it off with a clean cloth.

NOTICE: Be sure that installation of the glass is finished within 70 minutes.

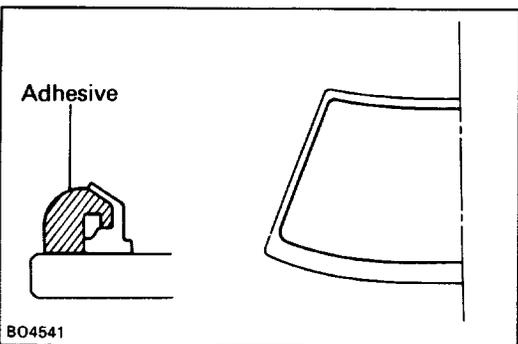


8. MIX ADHESIVE COATING

NOTICE:

- Be sure that installation of the glass is finished within usable time. (See step 2 on page BO-32)
- The mixture should be made in 5 minutes or less.

- Thoroughly clean the glass plate and putty spatula with solvent.
- thoroughly mix 500 g (17.64 oz.) of the main agent and 75 g (2.65 oz.) of the hardening agent on a glass plate or like object with a putty spatula.



9. APPLY ADHESIVE

- Cut off the tip of the cartridge nozzle to make a hole 5 mm (0.20 in.) in diameter. Fill the cartridge with adhesive.
- Load the cartridge into the sealer gun.
- Coat the glass with adhesive on all contact surfaces along the ridge.

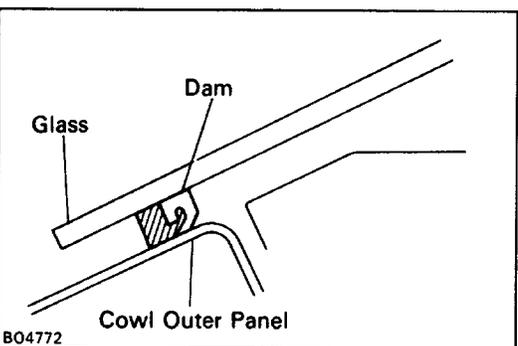
Adhesive height:

If adhesive remains on body

3.5 – 5.0 mm (0.138 – 0.197 in.)

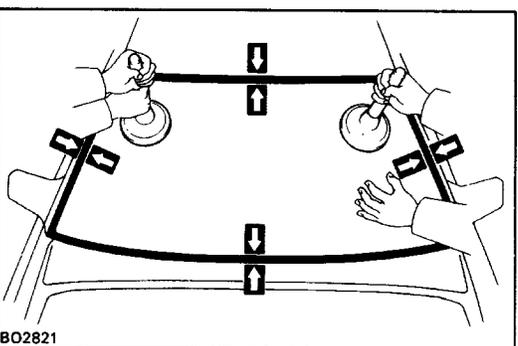
If no adhesive remains on body

8 – 10 mm (0.31 – 0.39 in.)



10. INSTALL GLASS

HINT: Confirm that the dam is attached the body panel as shown in the drawing.



- Position the glass so that the reference marks are lined up, and press in gently along the rim.
- Using a spatula, apply adhesive on the glass rim.
- Use a spatula to remove any excess or protruding adhesive.
- Fasten glass securely until the adhesive sets.

11. INSPECT FOR LEAKS AND REPAIR

- (a) Perform a leak test after the hardening time has elapsed.
- (b) Seal any leaks with auto glass sealer.
Part No. 08833-00030 or equivalent

12. INSTALL FOLLOWING PARTS:

- Windshield moulding (See page [BO-22](#))
- Front side of roof headlining and assist grip
- Map light and map light cover
- Inner rear view mirror, sun visors and holders
- Front pillar garnish, cowl louver and wiper arms

13. INSTALL AND ADJUST HOOD

(See page [BO-3](#))

NOTICE: Wait at least twice the setting time before driving the car.