

Rear Window

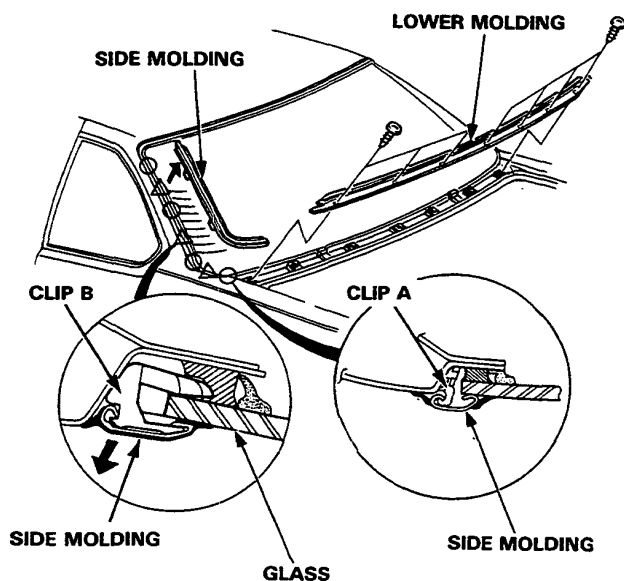
Removal

CAUTION:

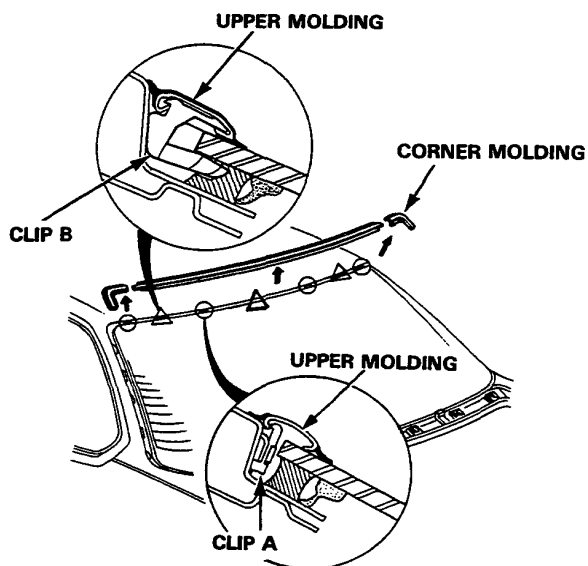
- Wear gloves to remove and install the glass.
- Do not damage the defroster grid lines.

NOTE: You will need a molding clip release tool to remove some molding. If necessary, make one that has the dimensions shown on page 14-15.

1. To remove the rear glass, first remove:
 - Rear shelf (page 14-36).
 - Rear wiper.
 - Quarter window trim panel (page 14-36).
 2. Disconnect the defroster leads, and remove their holders.
- NOTE: Avoid scratching or scoring the glass with the cutter blade.
3. Remove the screws, then remove the lower molding.
 4. Remove the side molding with a molding clip release tool.



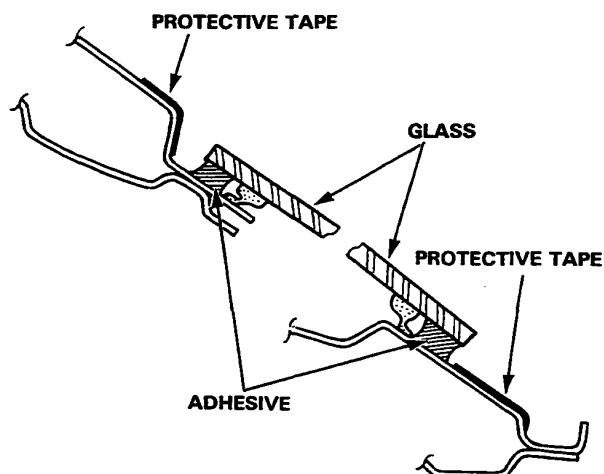
5. Detach the clips and remove the corner and upper moldings.



6. Lower the rear of the headliner.

CAUTION: Take care not to bend the headliner excessively.

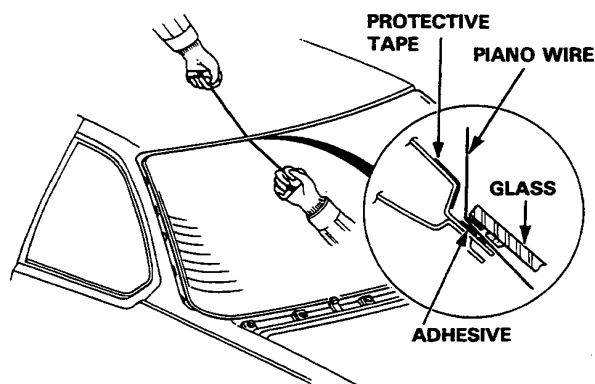
7. Apply protective tape along the edge of the body next to the glass as shown.





8. Using an awl, make a hole through the glass adhesive from inside the car. Push piano wire through the hole and wrap each end around a piece of wood.
9. With a helper on the outside, pull the wire back and forth in a sawing motion and carefully cut through the adhesive around the entire glass.

CAUTION: Hold the piano wire as close to the glass as possible to prevent damage to the body.



10. Remove the molding clips and the rubber dam.

Installation

1. Scrape the old adhesive smooth with a knife, to a thickness of about 2 mm (0.08 in.) on the bonding surface around the entire glass flange.

NOTE:

- Do not scrape down to the painted surface of the body; damaged paint will interfere with proper bonding.
- Remove all traces of the rubber spacer material from the body.
- Mask off surrounding surfaces before applying primer.

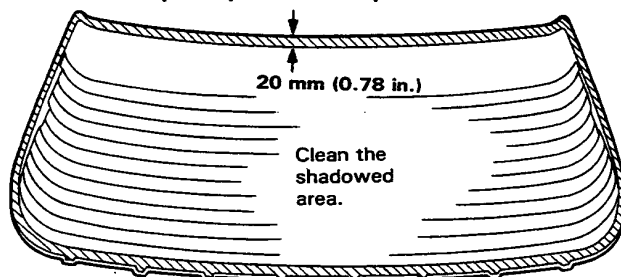
2. Clean the body bonding surface with a sponge dampened in alcohol.

NOTE: After cleaning, keep oil, grease or water from getting on the surface.

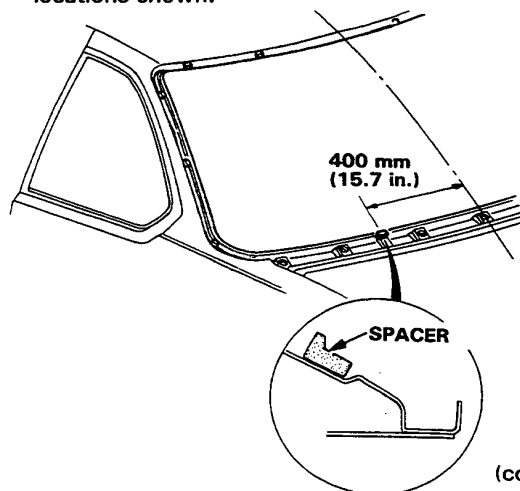
3. If the glass is to be reinstalled, use a putty knife to scrape off all traces of old adhesive, then clean the glass surface with alcohol where new adhesive is to be applied.

NOTE: Make sure the bonding surface is kept free of water, oil and grease.

CAUTION: Avoid setting the glass on its edges; small chips may later develop into cracks.



4. Peel the backing off each spacer, then install the spacers by pressing them firmly into place at the locations shown.

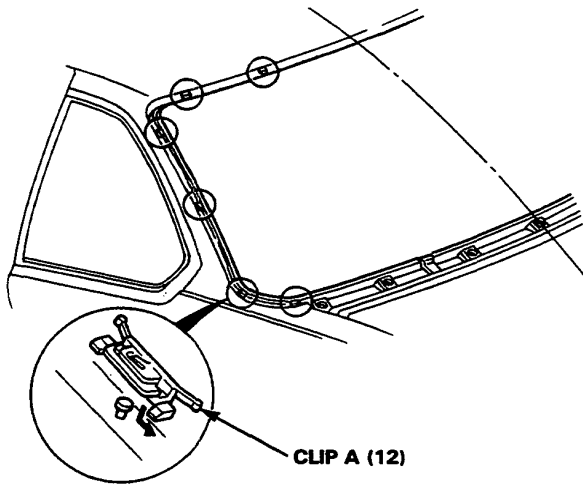


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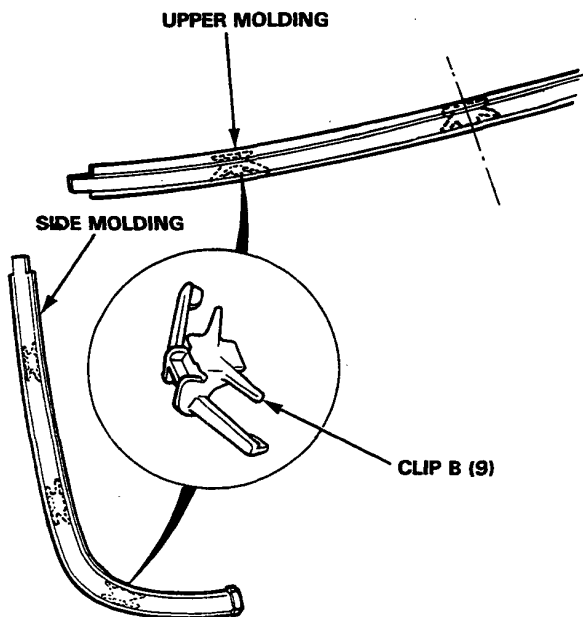
Rear Window

Installation (cont'd)

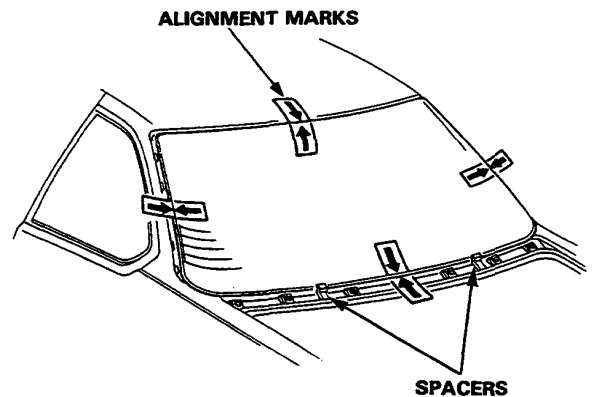
5. Install the molding clips as shown.



6. Attach the clips to the side and upper moldings as shown.

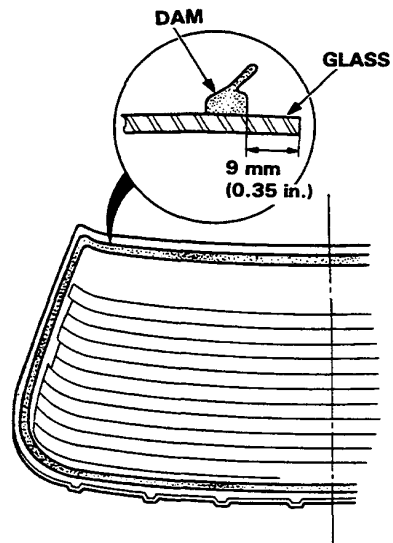


7. Set the glass upright on the spacers, and center it in the opening. Mark the location by marking lines across the glass and body with a grease pencil at the four points shown.



8. Glue the rubber dam to the inside face of the glass as shown, to contain the adhesive during installation.

NOTE: Be careful not to touch the glass where adhesive will be applied.

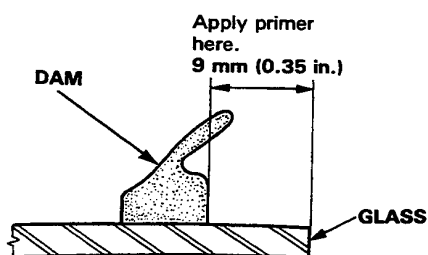




9. With a sponge, apply a light coat of glass primer around the edge of the glass as shown, then lightly wipe it off with gauze or cheesecloth.

NOTE:

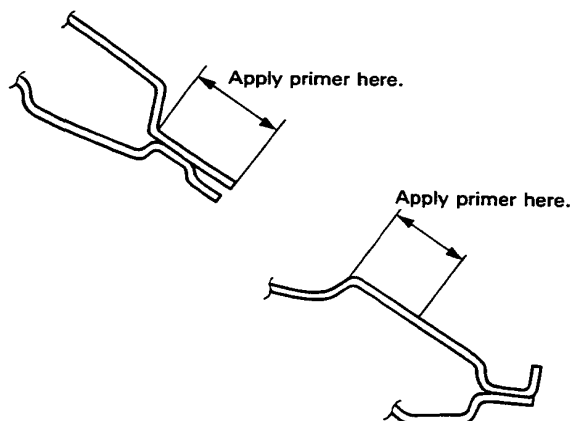
- Do not apply body primer to the glass, and do not get body and glass primer sponges mixed up.
- Never touch the primed surfaces with your hands. If you do, the adhesive may not bond to the glass properly, causing a leak after the glass is installed.
- Keep water, dust, and abrasive materials away from the primed surface.



10. With a sponge, apply a light coat of body primer to the original adhesive remaining around the window opening flange.

NOTE:

- Do not apply glass primer to the body, and be careful not to mix up glass and body primer sponges.
- Never touch the primed surfaces with your hands.

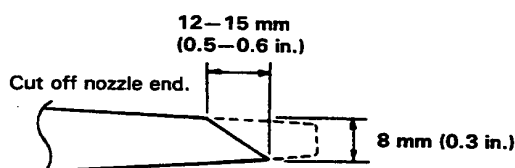


11. Thoroughly mix the adhesive and hardener together on a glass or metal plate with a putty knife.

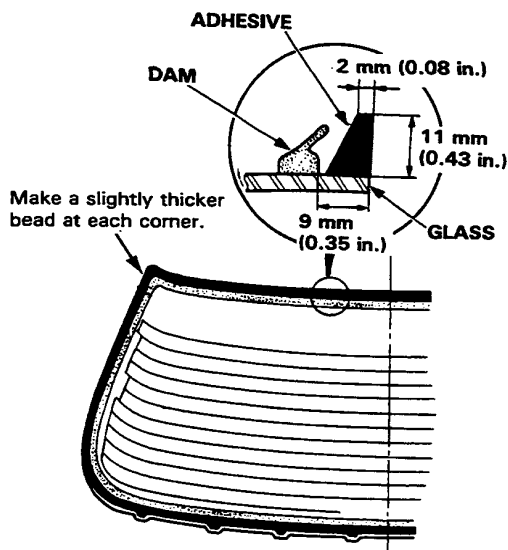
NOTE: Clean the plate with a sponge and alcohol before mixing.

12. Follow the instructions that came with the adhesive.

13. Before filling a cartridge, cut off the end of the nozzle at the angle shown.



14. Pack adhesive into the cartridge without air pockets, to ensure continuous delivery. Put the cartridge in a caulking gun, and run a bead of adhesive around the edge of the glass as shown.



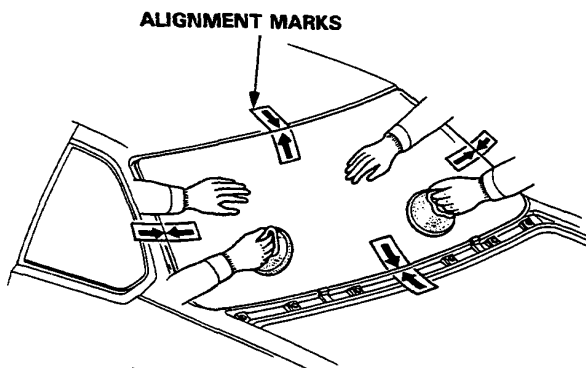
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Rear Window

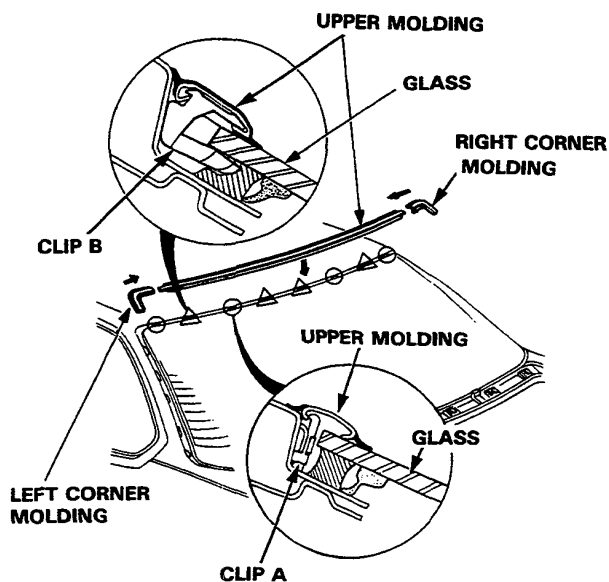
Installation (cont'd)

15. Use suction cups to hold the glass over the opening, align it with the marks made in step 7 and set it down on the adhesive. Lightly push on the glass until its edges are fully seated on the adhesive all the way around.

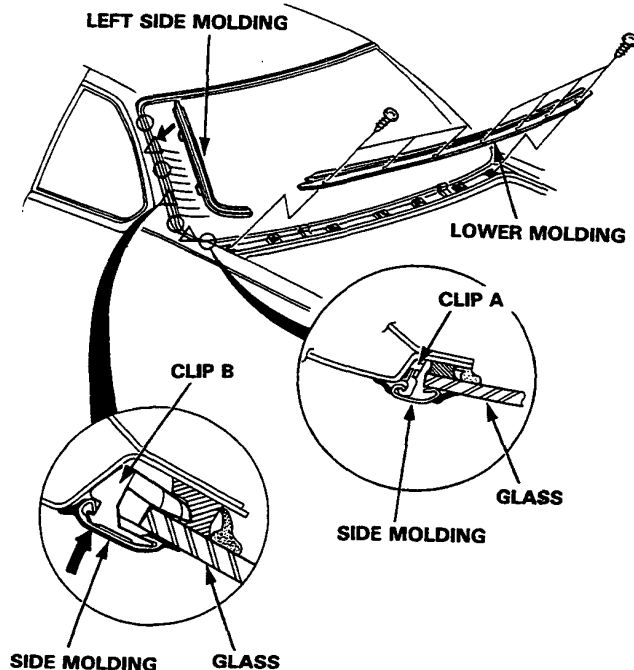
NOTE: Do not close or open the doors until adhesive is dry.



16. Install the upper molding and right and left corner moldings.



17. Install the right and left side molding, and the lower molding.



18. After the adhesive is dry, spray water over the glass and check for leaks. Mark leaking areas and let the glass dry, then seal with sealant.

NOTE: Let the car stand for at least 4 hours after glass installation. If the car has to be used within the first 4 hours, it must be driven slowly.

19. Fix the headliner back into position then install:

- Quarter window trim panel.
- Rear wiper.
- Rear shelf.