



## REPLACEMENT

### REMOVAL

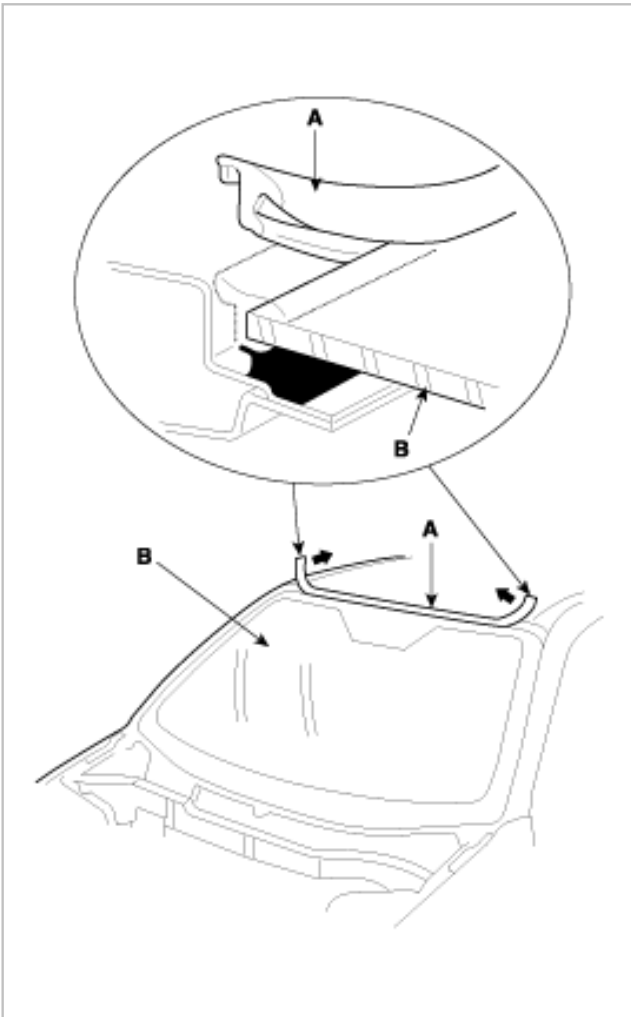
#### NOTE

- Put on gloves to protect your hands.
- Use seat covers to avoid damaging any surfaces.

1. Remove the following items:

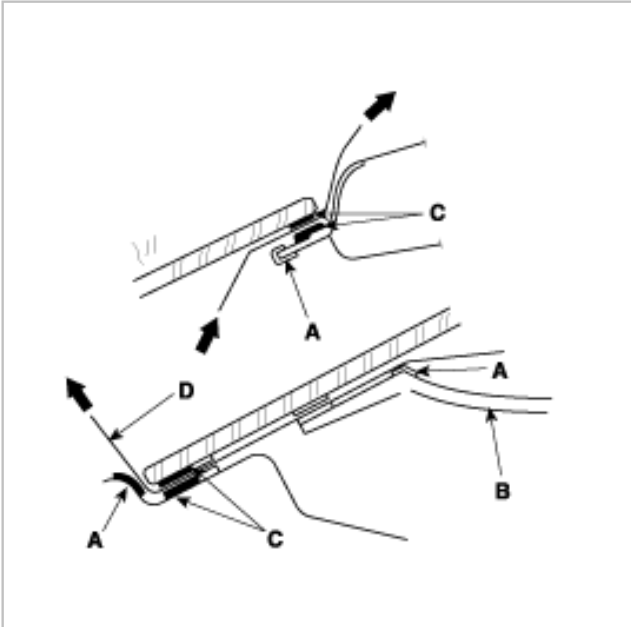
- A. Rearview mirror (see page BD- 52).
- B. Sunvisors and holders, both sides, Roof console, Grab handles, both sides (see page INTERIOR TRIM).
- C. Front pillar trim, both sides (see page BD- 63).
- D. Windshield wiper arms and cowl cover (see page BE group).

2. Remove the molding (A) from the edge of the windshield (B). If necessary, cut the molding with a utility knife.

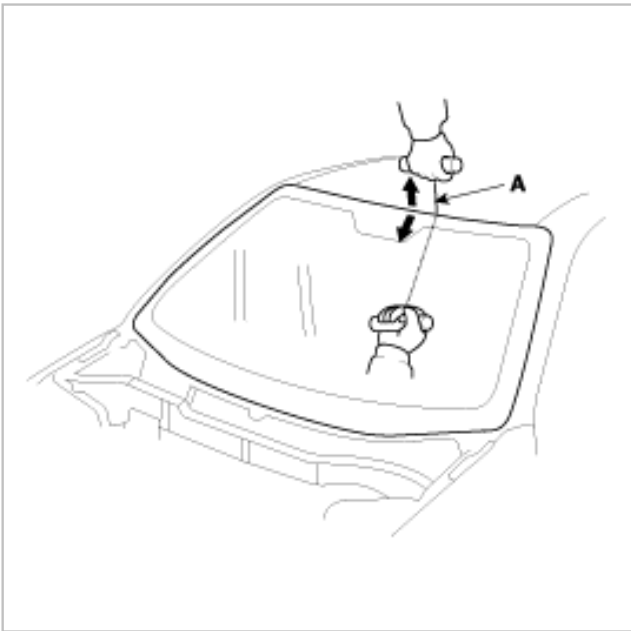


3. Pull down the front portion of the headliner (see page BD- ). Take care not to bend the headliner excessively, or you may crease or break it.

4. Apply protective tape (A) along the edge of the crash pad (B) and body as shown. Using an awl, make a hole through the sealant (C) from inside the vehicle. Push a piece of piano wire (D) through the hole, and wrap each end around a piece of wood.



5. With a helper on the outside, pull the piano wire (A) back and forth in a sawing motion. Hold the piano wire as close to the windshield as possible to prevent damage to the body and dashboard. Carefully cut through the rubber dam and adhesive around the entire windshield.

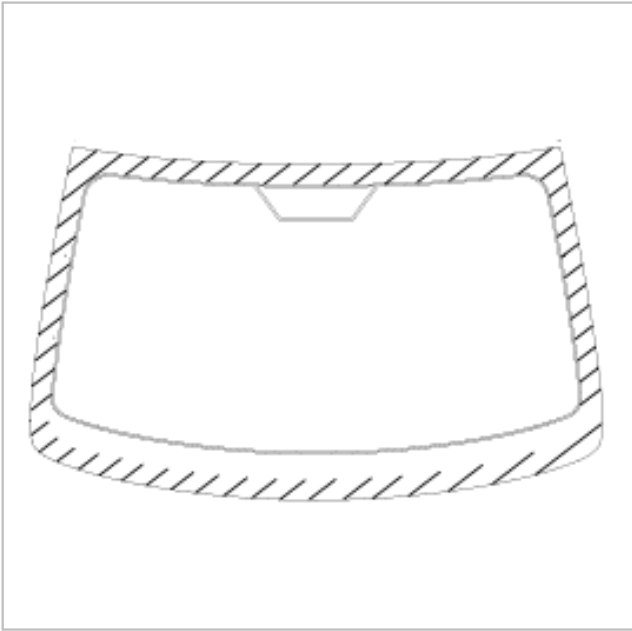


6. Carefully remove the windshield.

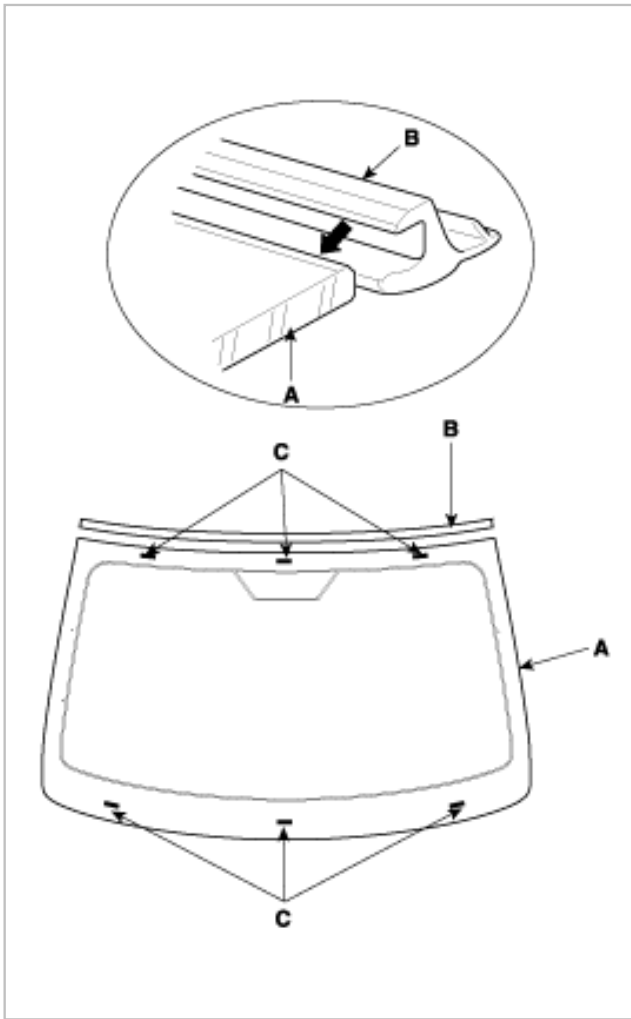
## INSTALLTION

1. With a knife, scrape the old adhesive smooth to a thickness of about 2mm (0.08 in.) on the bonding surface around the entire windshield opening flange:
  - A. Do not scrape down to the painted surface of the body; damaged paint will interfere with proper bonding.
  - B. Remove the rubber dam and fasteners from the body.
  - C. Mask off surrounding surfaces before painting.

2. Clean the body bonding surface with a sponge dampened in alcohol. After cleaning, keep oil, grease and water from getting on the clean surface.
3. If the old windshield is to be reinstalled, use a putty knife to scrape off all of the old adhesive, the fastener, the rubber dam, and the dashboard seal from the windshield. Clean the shaded portion of the windshield with alcohol where new adhesive is to be applied. Make sure the bonding surface is kept free of water, oil and grease.



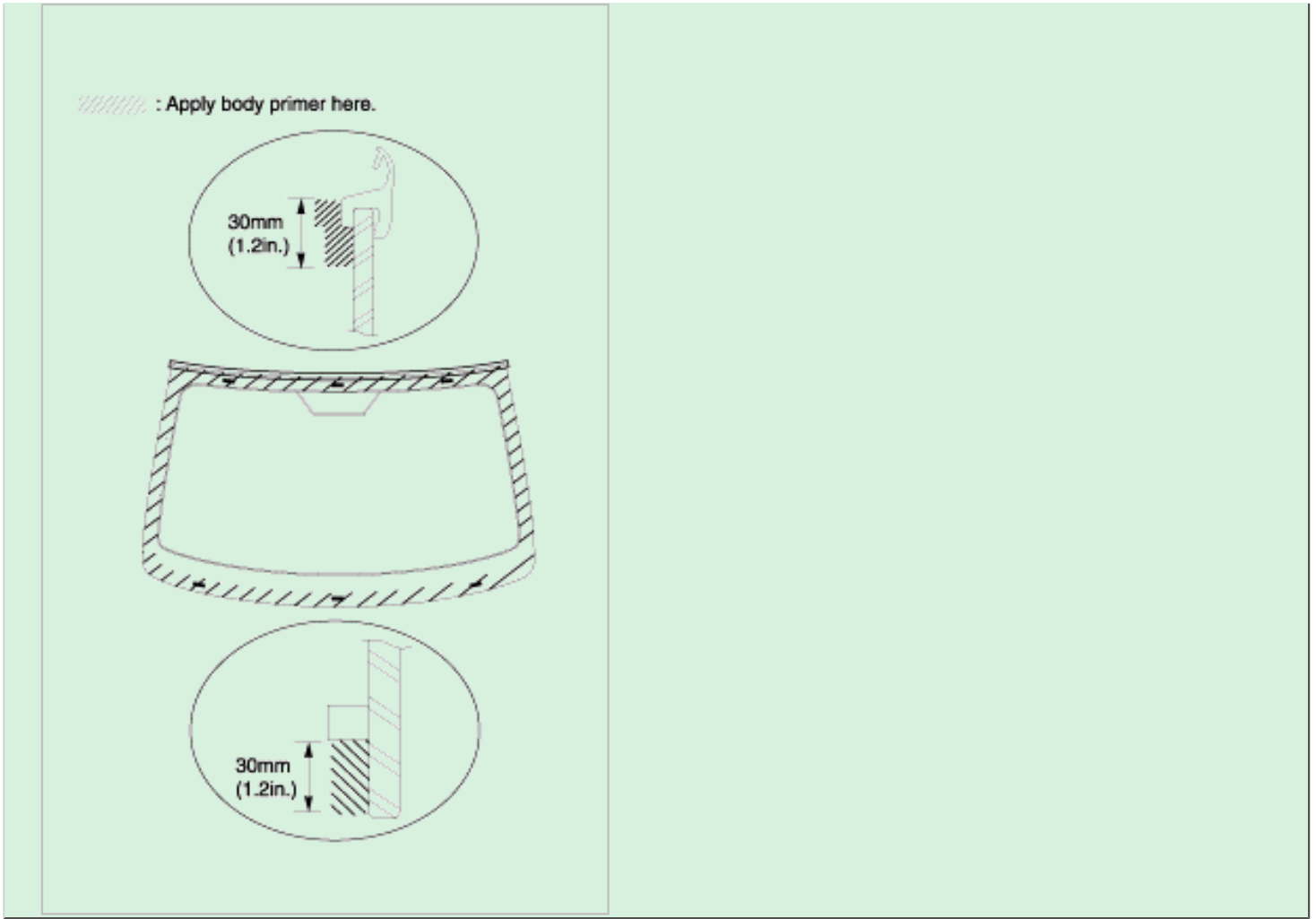
4. Install the windshield (A) upper molding (B) and fasteners (C). Do not allow any gaps.



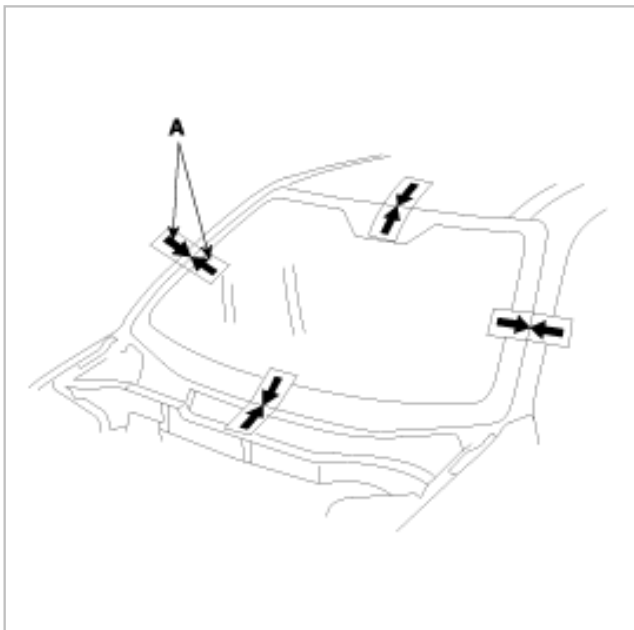
5. Apply a light coat of glass primer to the outside of the fasteners.

#### NOTE

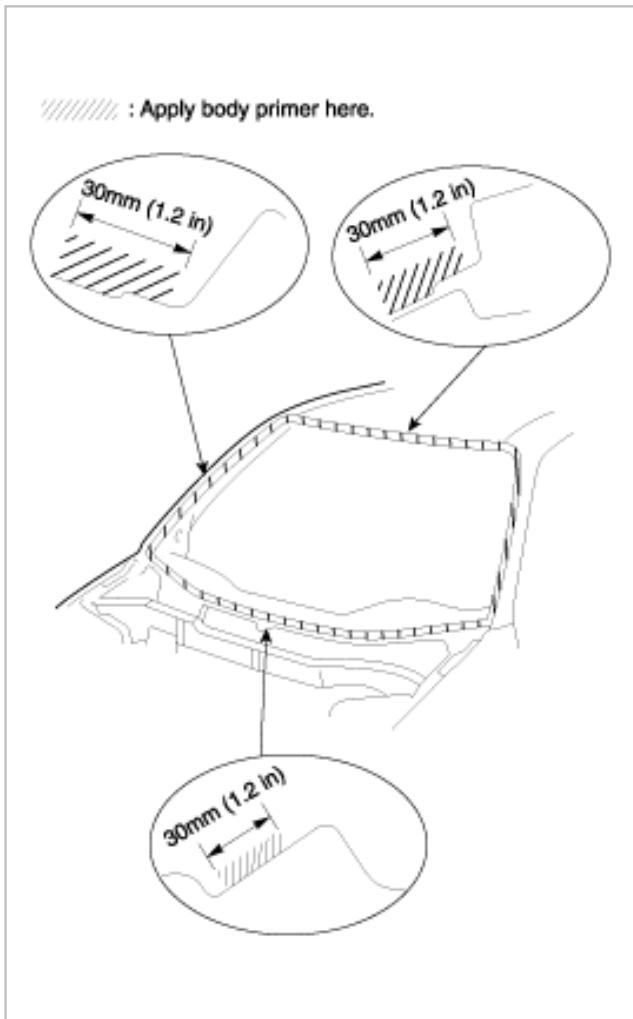
- Never touch the primed surface with your hand. If you do, the adhesive may not bond to the glass properly, causing a leak after the windshield glass is installed.
- Do not apply body primer to the glass.
- Keep water, dust, and abrasive materials away from the primer.



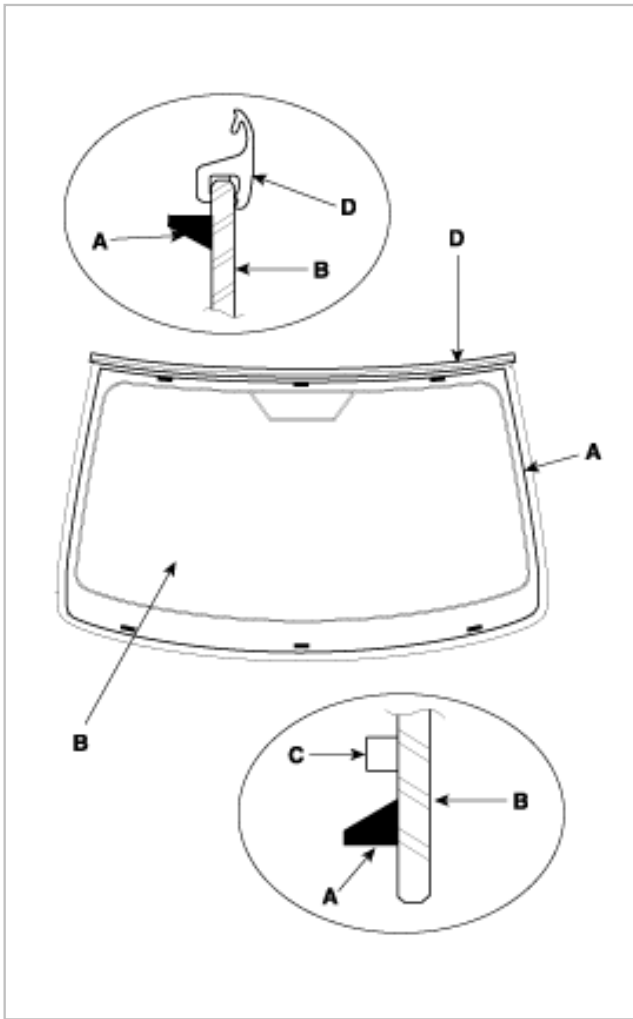
6. Set the windshield in the opening, and center it. Make alignment marks (A) across the windshield and body with a grease pencil at the four points shown. Be careful not to touch the windshield where adhesive will be applied.
7. Remove the windshield.



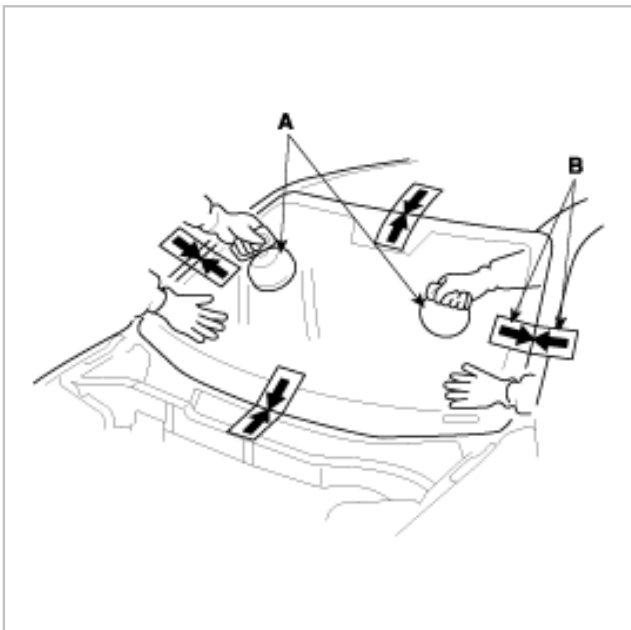
8. With a sponge, apply a light coat of body primer to the original adhesive remaining around the windshield opening flange. Let the body primer dry for at least 10 minutes:
  - A. Do not apply glass primer to the body, and be careful not to mix up glass and body primer sponges.
  - B. Never touch the primed surfaces with your hands.
  - C. Mask off the dashboard before painting the flange.



9. 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 (A) around the edge of the windshield (B) between the fastener (C) and molding (D) as shown. Apply the adhesive within 30 minutes after applying the glass primer. Make a slightly thicker bead at each corner



10. Use suction cups (A) to hold the windshield over the opening, align it with the alignment marks (B) made in step 15, and set it down on the adhesive. Lightly push on the windshield until its edges are fully seated on the adhesive all the way around. Do not open or close the doors until the adhesive is dry.



11. Scrape or wipe the excess adhesive off with a putty knife or towel. To remove adhesive from a painted surface or the windshield, wipe with a soft shop towel dampened with alcohol.

12. Let the adhesive dry for at least one hour, then spray water over the windshield and check for leaks. Make leaking areas, and let the windshield dry, then seal with sealant:
  - A. Let the vehicle stand for at least four hours after windshield installation. If the vehicle has to be used within the first four, it must be driven slowly.
  - B. Keep the windshield dry for the first hour after installation.
13. Reinstall all remaining removed parts. Install the rearview mirror after the adhesive has dried thoroughly. Advise the customer not to do the following things for two the three days:
  - A. Slam the door with all the windows rolled up.
  - B. Twist the body excessively (such as when going in and out of driveways at an angle or driving over rough, uneven roads).