

WINDOW GLASS, STATIONARY

GROUP

43

(70000)

SECTION 43-02 Glass, Stationary—Windshield

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VEHICLE APPLICATION

Capri.

DESCRIPTION

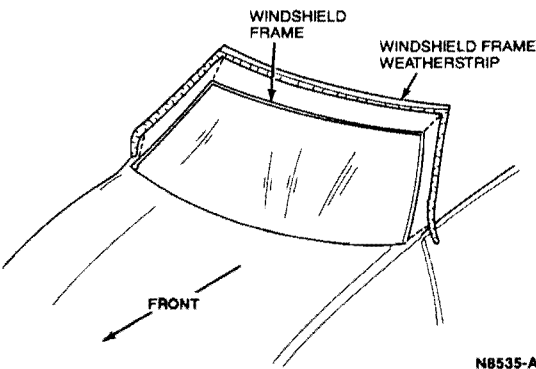
The front windshield on this vehicle meets or exceeds government safety standards. The glass is tinted to screen out the sun. The windshield is held in place with a urethane-type sealer.

REMOVAL AND INSTALLATION

Mouldings, Front Window

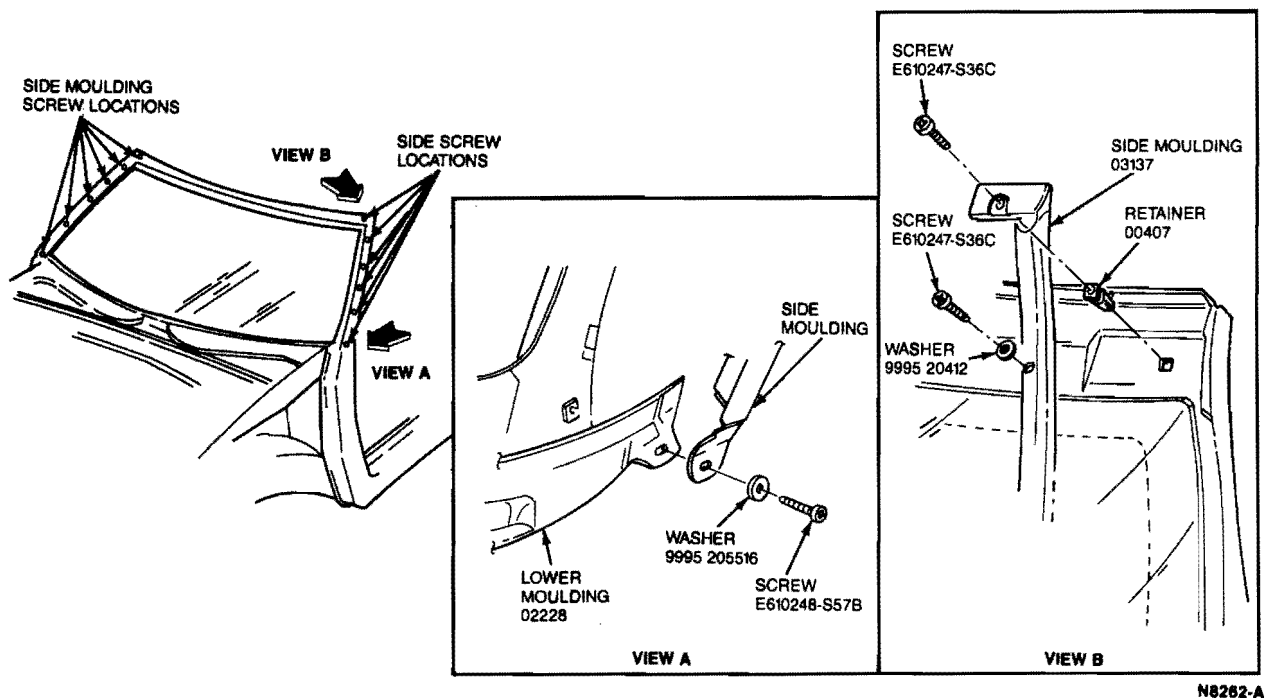
Removal

1. Remove windshield frame weatherstrip. Protect adhesive backing for reuse.

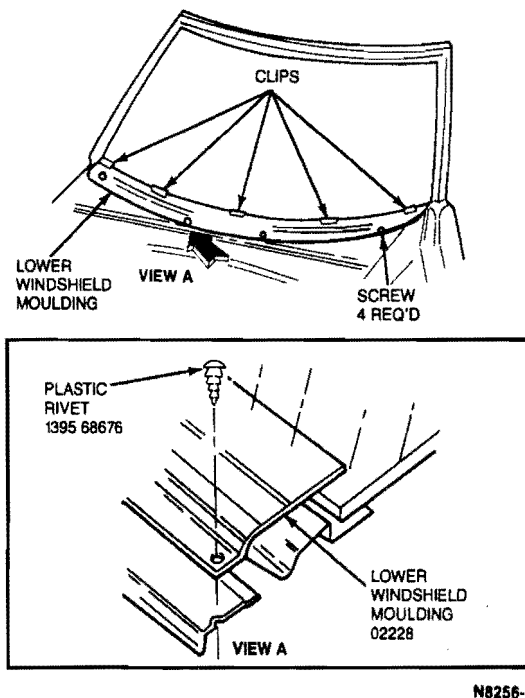


REMOVAL AND INSTALLATION (Continued)

2. Remove screws retaining both side mouldings.
Remove mouldings.

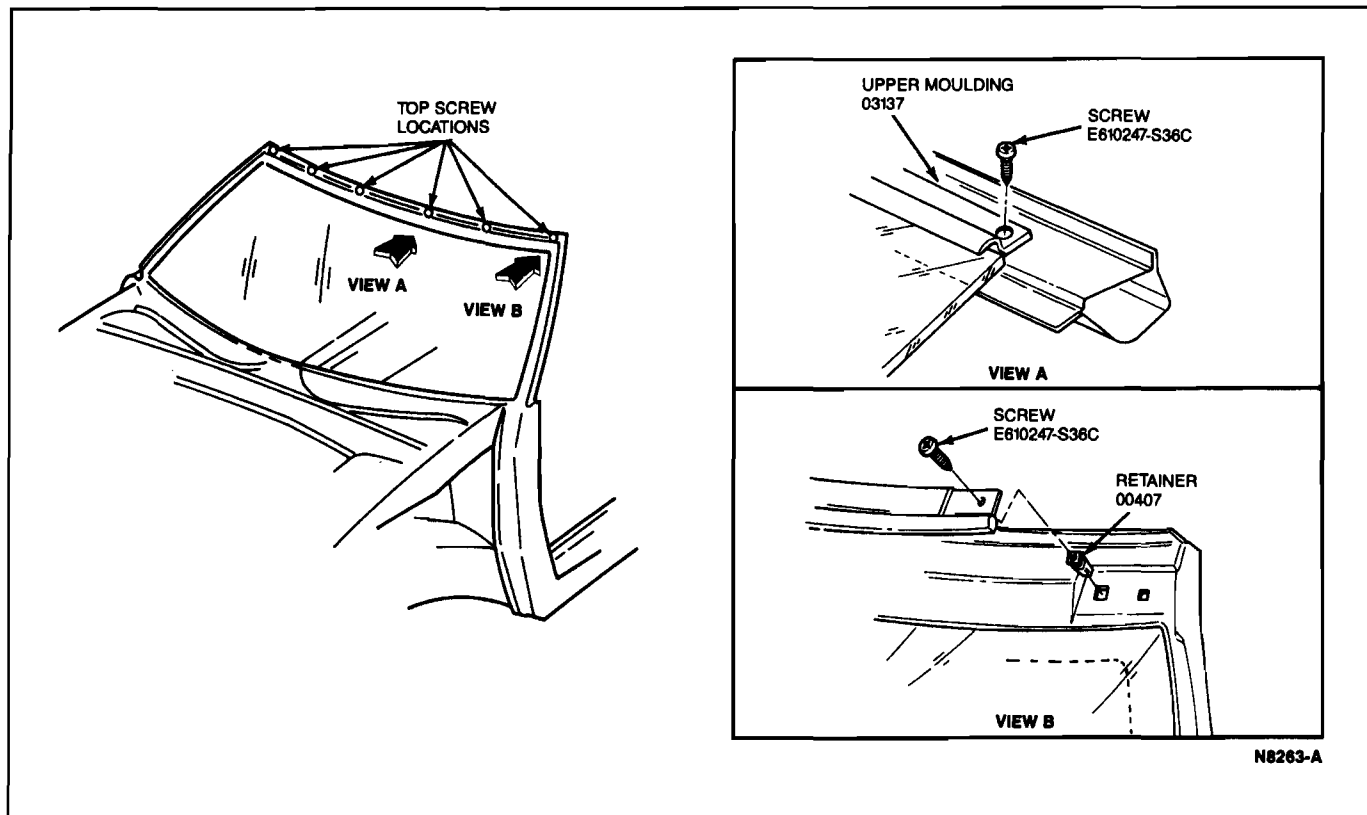


3. Remove windshield wiper arms and blades. Refer to Section 35-60.
4. Remove four plastic rivets and remove lower windshield moulding by prying upward very lightly.



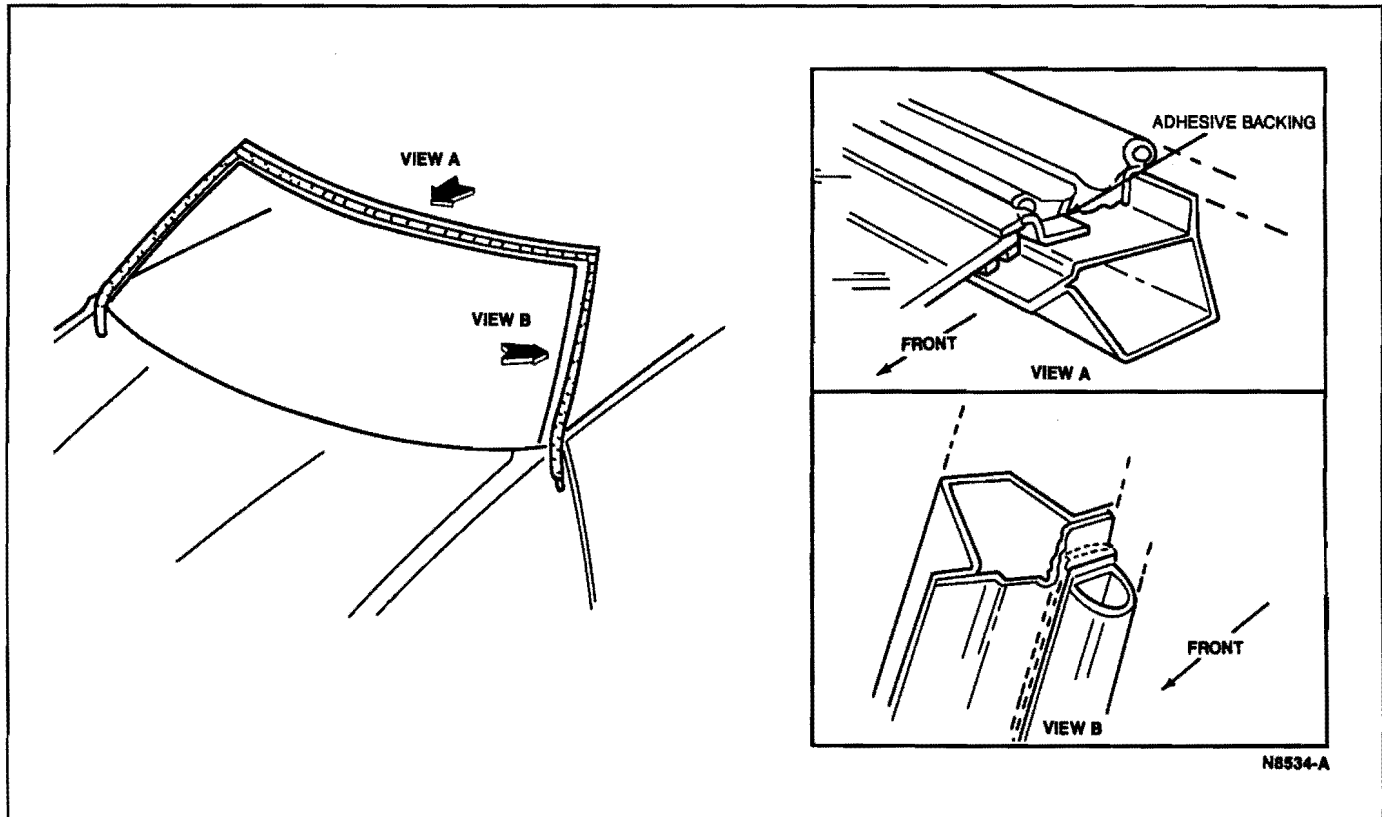
5. Remove screws retaining upper windshield moulding and remove moulding.

REMOVAL AND INSTALLATION (Continued)

**Installation**

1. Carefully insert upper windshield moulding in place and install retaining screws.
2. Replace any damaged or missing clips and carefully snap lower windshield moulding into place.
3. Install four plastic rivets in lower moulding.
4. Carefully insert side mouldings in place and install retaining screws.
5. Install windshield frame weatherstrip.

REMOVAL AND INSTALLATION (Continued)

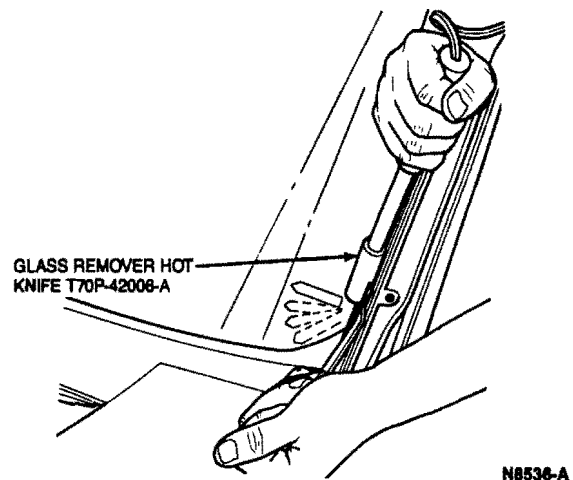


6. Install windshield wiper arms and blades. Refer to Section 35-60.

Windshield**Removal**

1. Remove windshield wiper arms and blades. Refer to Section 35-60.
2. Remove windshield mouldings as outlined.
3. Remove rearview mirror as follows:
 - a. Remove mirror bracket and screw.
 - b. Slide mirror assembly upward to remove from windshield retainer.
4. Insert blade of Glass Remover Hot Knife T70P-42006-A or equivalent (also available from Saf-Ti Glass Distributors, Troy, MI) into urethane seal.
5. With knife handle extended, pull knife blade through urethane seal and foam dam around entire edge of glass. Continue until all urethane is cut.

NOTE: A long-bladed knife may be needed to cut urethane along bottom of windshield.
6. Remove windshield from vehicle.



7. Remove any excess urethane from the flange with a utility knife or razor blade until surface is smooth and free of cuts. Use care not to smear urethane on component parts.

NOTE: It is not necessary to remove all of the urethane from flange if it is cured. However, at no point should the existing urethane material exceed 2.5mm (0.10 inch) above the flange.
8. Check flange seating area for damaged sheet metal or foreign objects which may have caused, or may cause, glass breakage. Service metal if necessary.

REMOVAL AND INSTALLATION (Continued)

Installation

NOTE: Use Urethane Kit E0AZ-19562-A, or equivalent for windshield installation.

1. If existing urethane on metal flange has become contaminated, cut away contaminated urethane with a utility knife or razor blade.
2. If painted sheet metal has been exposed anywhere along the flange, apply Urethane Metal Primer ESB-M2G234-A or equivalent over the painted surface using a clean brush.

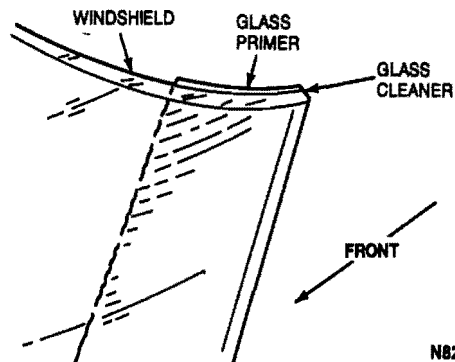
NOTE: A minimum of 30 minutes is required for primer to dry.

3. Place windshield on a low, stable work surface facing inside up.
4. Using a lint free cloth, wipe inside windshield periphery with Urethane Glass Cleaner ESB-M5B280-A or equivalent.

NOTE: Wipe off cleaner immediately after application because it flash dries.

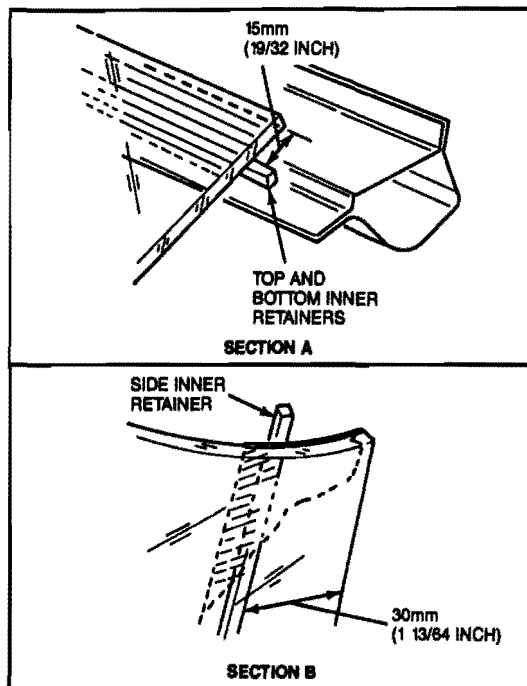
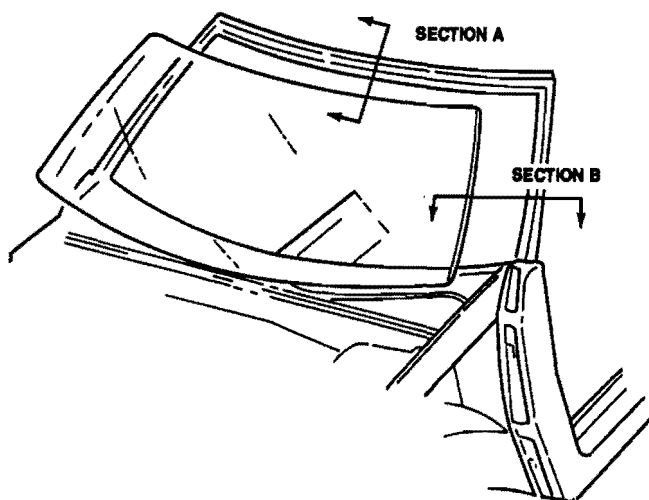
5. Thoroughly shake and stir Urethane Glass Primer ESB-M2G224-A or equivalent to ensure uniform mixing.

6. Using a clean brush, apply primer to inside windshield periphery. Allow at least five minutes drying time.



N8257-A

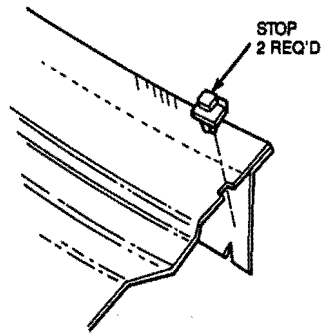
7. Install horizontal inner retainers 15mm (19/32 inch) in from the top and bottom of the inside of the windshield. Install vertical inner retainers 30mm (1 13/64 inch) from both sides of the inside of the windshield.



N8264-A

REMOVAL AND INSTALLATION (Continued)

8. Install two new stops.



N8258-A

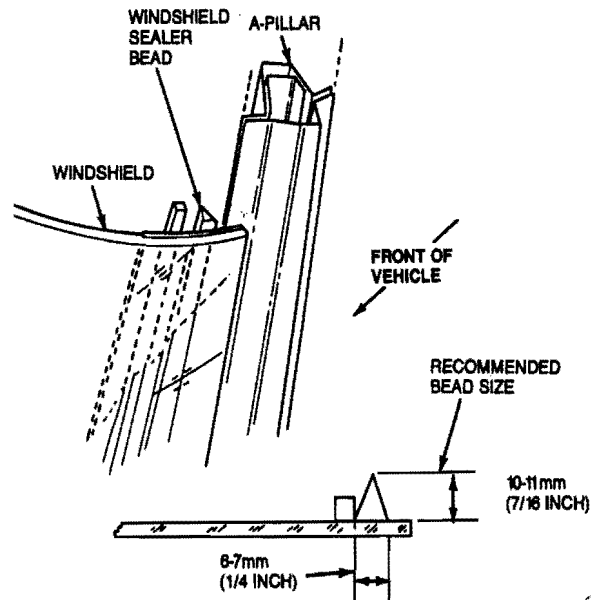
9. Install windshield into opening. Position glass in opening evenly between A-pillars. The difference from side-to-side must be less than 1.5mm (1/16 inch).
10. Using masking tape or crayon, make alignment marks at points on each of the four sides of both the glass and the window opening.

11. Remove glass from vehicle and place back on work table.

NOTE: If all the urethane has been removed from the window opening down to the metal flange, the urethane bead should be applied to the periphery of the inside surface of the glass. The bead should be triangular in shape, 14.0mm (9/16 inch) high.

12. Apply an even bead of Urethane ESZ-M2G336-A or equivalent, on top of existing urethane around entire window opening or onto the inside periphery of the windshield. The bead should be large enough to seal windshield but not cause expulsion over retainers.

NOTE: The glass must be installed within 10 minutes of applying the urethane.



N8259-A

13. Install the glass assembly onto the vehicle, taking care to align marks on glass to those on window opening. Press glass into place around the entire perimeter to provide a complete seal.
14. After urethane has "skinned over" (approximately 20 minutes), test window for water leaks. If necessary, use Liquid Butyl Sealer C9AZ-19554-B or equivalent to service leaks (fill gaps) in urethane seal.
15. Install windshield mouldings as outlined.
16. Clean windshield and install rearview mirror. Refer to Section 42-21.

SPECIAL SERVICE TOOLS

Tool Number	Description
T70P-42006-A	Glass Remover Hot Knife