

Ford Econoline Van 92-Up Swing/Sliding Door Pair Part # 22003 Rev C 03-31-05

Step 1: Prior to Installation:



- A) **Fit:** Verify the fit of the flares to vehicle by holding over the factory flares. **(Some filing, sanding, or cutting may be necessary to ensure proper fit).**
- B) **Painting:** (Optional) if paint is desired it must be done prior to installing flares on the vehicle clean outer surface with a good grade degreaser. **DO NOT USE LACQUER THINNER OR ENAMEL REDUCER AS A DEGREASER.** Wipe outer surface thoroughly with a tack rag prior to paint.
Paint flares using a high quality enamel, or polyurethane automotive paint. (Application of a primer coat is optional)
If painting edge trim (not recommended), use a flex additive.
- C) **Performance:** Using larger Tires may increase the area required to turn the vehicle. Some Tire/Rim combinations may require lowering bump stops and or installing steering stops to prevent tire from contacting flare.
- D) **Exhaust System:** Modifications may be necessary to maintain a minimum 4" clearance between flares and exhaust pipes. (Exhaust gases should not vent directly onto flares)

NOTE: Front doors may need to be re-adjusted to clear flares.

TOOLS FOR EASY INSTALLATION

- 1/4" (7mm) Electric Drill
- 3/16" (5mm) Drill Bit
- Utility Knife
- Pop Rivet Gun
- Jack
- Jack Stands

FLARE INSTALLATION PROCEDURES

Step 2: Accent and Side Molding Modifications

- A) Remove accent moldings from around all wheel openings (if so equipped).
- B) Remove factory flares and/or mud flaps from all wheel openings (if so equipped).

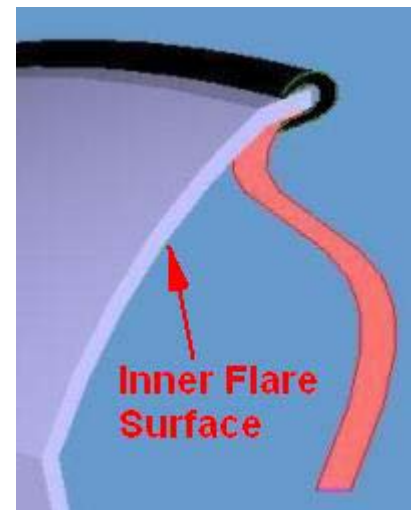


Illustration #1

On vehicles equipped with body side moldings that interfere with flare attachment, it will be necessary to modify either the moldings or flares.

Option 1: Modifying the side molding:

- A) Place flare into wheel well opening and mark a line across molding where flare intersects. Remove flare.
- B) Rubber or vinyl moldings can be cut on the vehicle. Warm molding with a heat gun or hair dryer. Carefully slide a flexible wide blade putty knife between the molding and the sheet metal; this will act as a shield to prevent cutting paint.
- C) Make cut with a SHARP utility knife. NOTE: BACK ANGLE CUT on the long side of the marked line. This will match flare angle and leave material if another cut is necessary. Metal moldings must be removed from vehicle for cutting.

Option 2: Modifying the flare:

- A) Place flare into wheel well opening and mark flare where side molding intersects.
- B) Remove flare and mark thickness of molding into flare.
- C) Trim (cut, file, or grind) flare on marked line. You may want to drill (use bit supplied) a hole at corners and trim to them. This will give the cut a smooth, more finished look.

Step 3: Edge Trim Installation

- A) Remove factory installed edge trim when necessary.
- B) Peel two to three inches of red vinyl backing away from edge trim tape. Applying the adhesive side of the edge trim to the inner side of the flare, affix the edge trim to the top edge of the flare (the portion that comes in contact with the vehicle). **See illustration #1.**
- C) Press edge trim into place along the top edge of the flare in one-foot increments, pulling red vinyl backing free as you continue to work your way around the top edge of the flare.

Step 4: Flare Attachment (Front or Rear)

- A) With flare off vehicle, pre-drill all pop rivet indentations or relocated attachment points with a 3/16" (5mm) drill bit. DO NOT DRILL SHEET METAL WITH 3/16" DRILL BIT. Some flares will have a relief or reliefs on attachment flange for existing wheel well fasteners. Relief(s) can be cut out to go over head of fastener or drilled for fastener to go through. Verify locations before cutting or drilling.
- B) Place flare in appropriate wheel well opening as marked on bottom of flare (R/F = Right Front). Make sure outer edge of flare is tight against body and contours align. Using the holes drilled in Step 4A as a guide, drill and rivet holes #1 and #2. USE ONLY 9/64" (4mm) SUPPLIED DRILL BIT TO DRILL SHEET METAL. Continue to drill and fasten in an alternating pattern until flare is secured. #10 (5mm) sheet metal screws (not provided) can be used in place of pop rivets to secure flares. This would ease removal of flares if required.
- C) 23002 Rear: Use backup washers on rivets that attach flare to the plastic bumper. Bumper ends may have to be adjusted in or out to match flare.
- D) Re-apply trimmed side moldings and mud flaps, if removed.

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