

Ford Explorer

Set Part # 21503

Rev C 03-31-05

Step 1:

Prior to Installation:

- A) **Fit:** Verify the fit of the flares to vehicle. (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)



TOOLS FOR EASY INSTALLATION

- Electric Drill
- Grease Pencil
- 3/16" Drill
- Phillips Screw Tip Bit
- Duct Tape

FLARE INSTALLATION PROCEDURES

Step 2: Edge Trim Installation (See Illustration #1)

- 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.



Illustration #1

Step 3: Preparing the Work Area

- A) Support vehicle and remove wheel using jack and jack stands (optional).
- B) Remove and save screws securing wheel well liner and wheel well trim (when installed).

Step 4: Flare Installation (Front) (See Illustration #2)

- A) Drill four 3/16" holes in flare at the positions located by the indents on the inside of the flare.
- B) Secure flare to fender using three screws removed in Step 3B, and one kit supplied screw **See Illustration #2.**

Step 5: Flare Installation (Rear) (See Illustrations #3, #4, #5, #6)

There are three parts to each rear flare assembly: the outer and inner door pieces and the main body flare.

- A) Glue the matching inner door piece inside the outer door piece using kit supplied adhesive. **See Illustration #3.** Allow 30 minutes set time.
- B) With door open, drill four 3/16" holes from inside, for drill-tip screws, through mid-line of door flange. **See Illustration #4.**
- C) With door closed, hold door piece into position aligning with door seam and maintaining 1/8" clearance between flare and wheel well. **See Illustration #5.** Using a grease pencil, trace outline of flare onto door for reference. Apply duct tape to hold door piece in place.
- D) Open the rear door. Verify door piece alignment to the grease pencil mark. Hold the door piece to the door to prevent it from moving, and install four drill-tip screws through the holes drilled in step 5B, securing the door piece to the door. **Use care not to strip out plastic.**
- E) With the door closed, position the main body flare in place, aligning it with the wheel well and the horizontal and vertical surfaces of the door piece. Applying pressure to the outside of the flare, fasten through the plastic into the wheel well rim with kit supplied drill-tip screws, using indents in the flare as a guide. **Use care not to strip out sheet metal. See Illustration #6.**

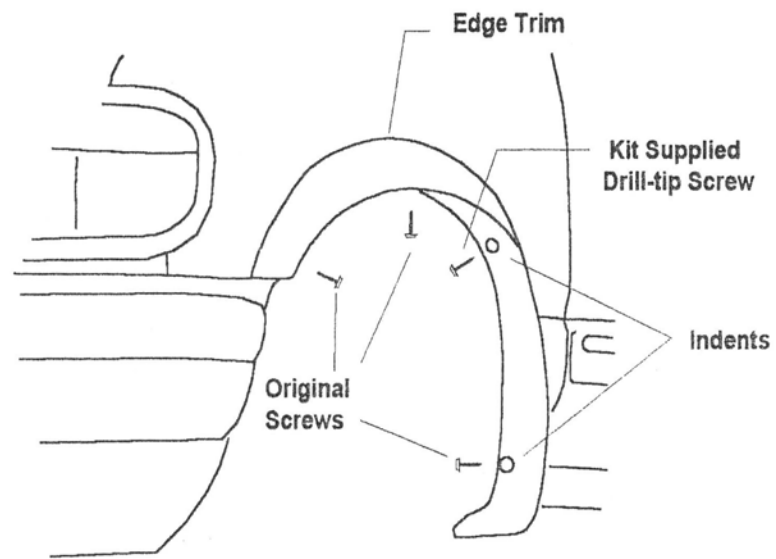
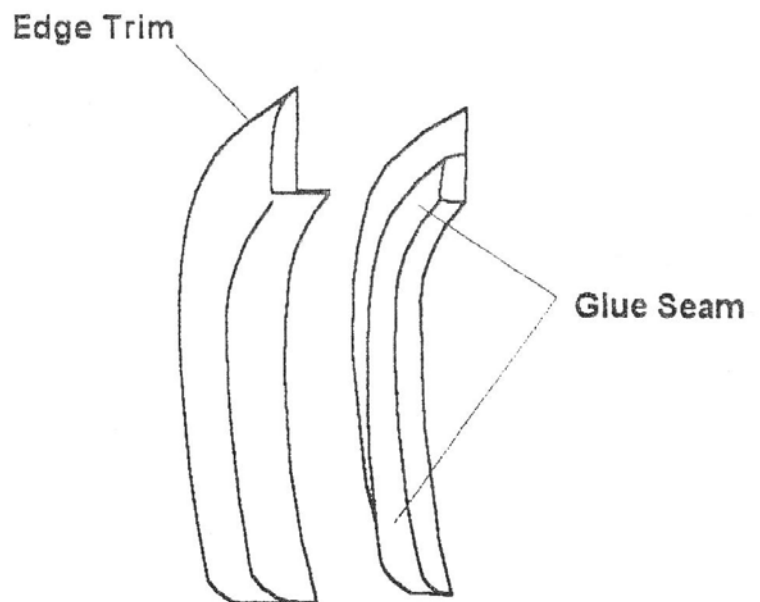


Illustration #2



Outer to Inner Door Piece Attachment Detail

Illustration #3

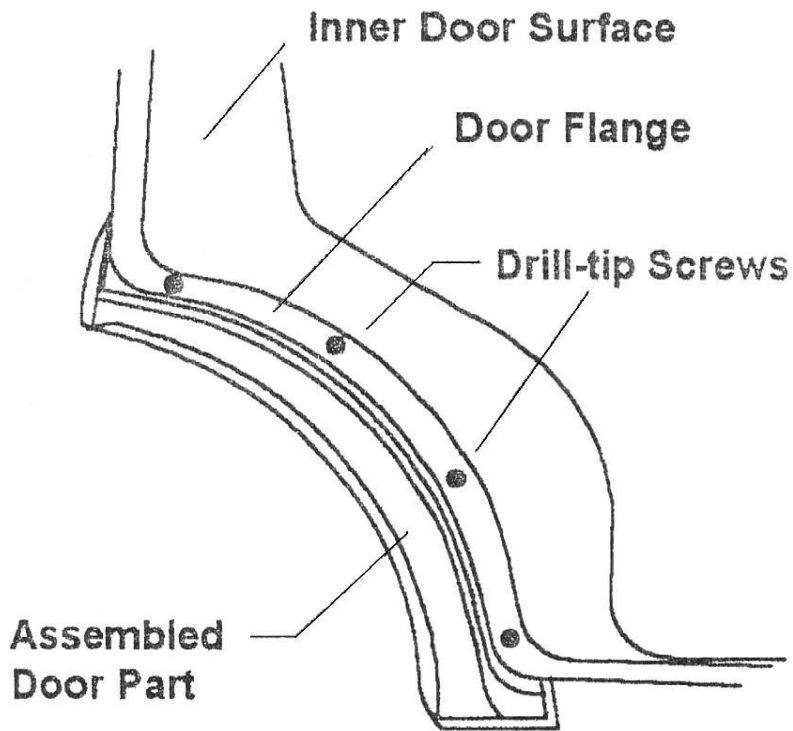


Illustration #4

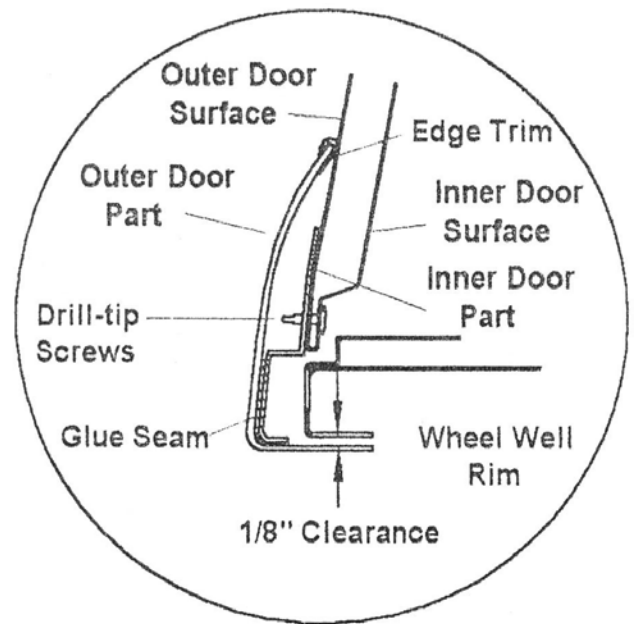


Illustration #5

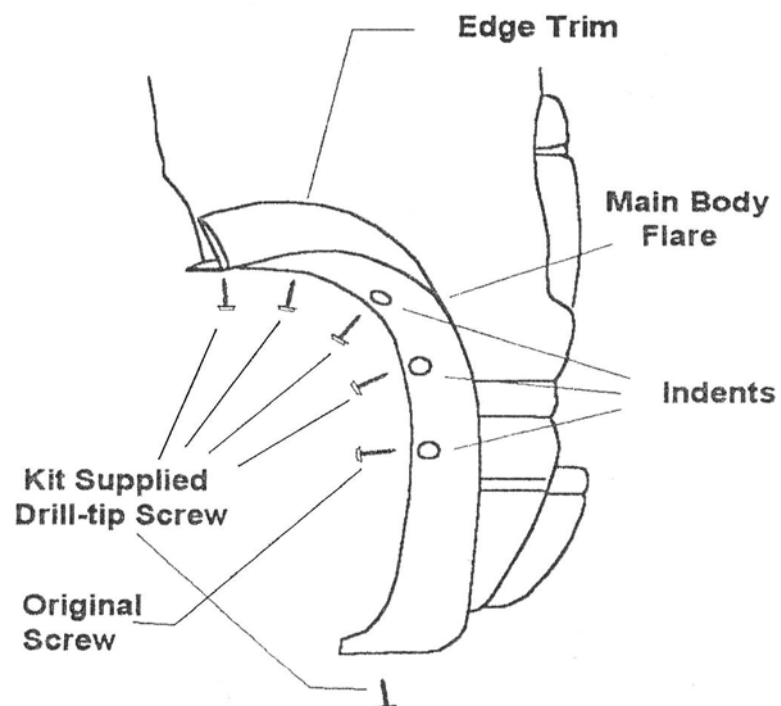


Illustration #6