



30904
03-30-05
Rev-B

INSTALLATION INSTRUCTIONS FOR Toyota Highlander Part #30904

TOOLS REQUIRED FOR INSTALLATION

• 10 mm Socket	• Socket driver
• 4 mm allen head bit	• Utility knife
• 1/4" drill bit	• Electric drill
• Phillips driver bit	

FLARE INSTALLATION PROCEDURES

Step 1: Painting (Optional)

It is recommended that painting be done prior to installation.

- (A) Sand (optional) before application of paint.
- (B) 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 painting.
- (C) Paint flares using a high quality lacquer, enamel, or polyurethane automotive paint. Application of a primer coat is optional.
- (D) If painting edge trim (not recommended), use a flex additive.

Step 2: VEHICLE PREPARATION

- (A) Clean application area with 50/50-alcohol/water solution, and dry with a clean cloth.
- (B) Inspect vehicle for damages before installation of Fender Flares.

Step 3: FLARE PREPARATION

- (A) Inspect flares for damage before installation.
- (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 side of the vehicle).
- (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.
See Illustration 1.
- (D) Repeat steps 2 and 3 for remaining flares.

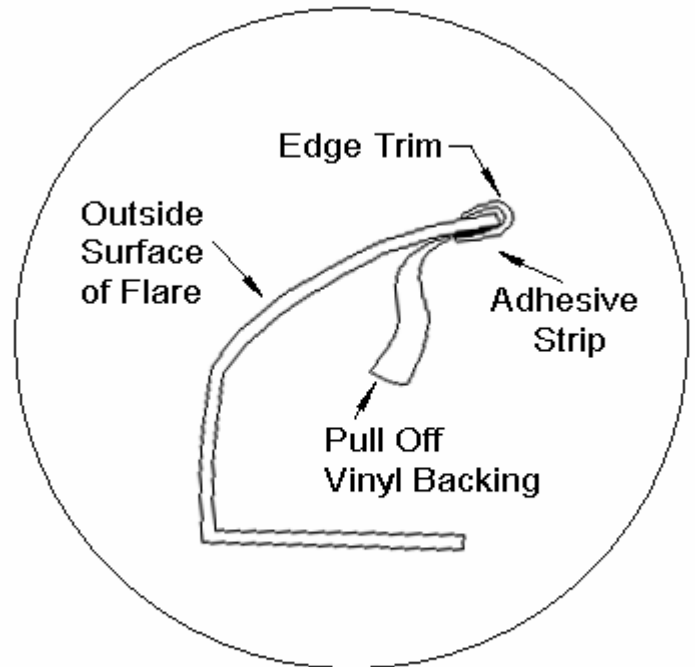


Illustration #1

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

- (A) Remove all factory fasteners from the wheel well opening. Discard the three plastic factory fasteners. Discard the mud flaps if installed.
- (B) Using moderate pressure, hold the flare in the wheel well opening, aligning it with the holes in the fender.
 1. If the vehicle is equipped with mud flaps attach the flare using the previously removed factory screws.
 2. If the vehicle is not equipped with mud flaps attach the flare with the supplied #14 screws.
- (C) Insert the supplied plastic Christmas Tree fasteners through the three holes in the upper middle area of the flare.
- (D) With a 1/4" drill bit, drill two holes into the bumper skin using the hole in the flare as a guide. Slide clips into position over the drilled holes.
- (E) Attach the flare using supplied # 8 screws into the clips.

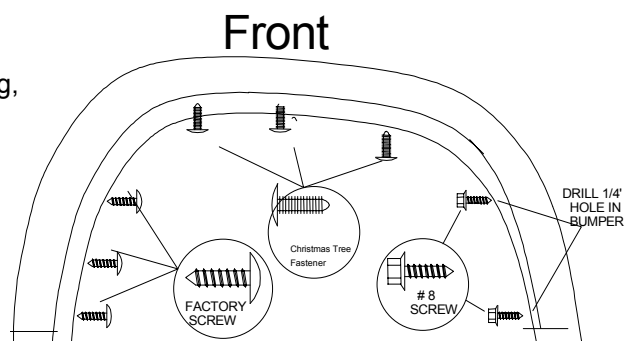


Illustration #2

Main Rear Flare

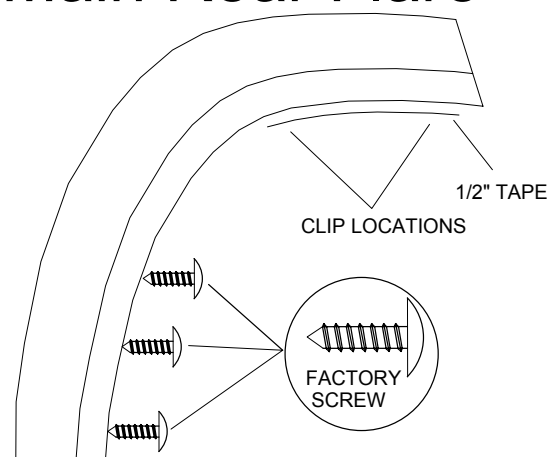


Illustration #3

Step 5: Rear Flare Installation

- (A) Remove all factory fasteners from the wheel well opening. Discard the mud flaps if installed.
- (B) Main Rear Flare (See Illustration #3)
 1. Apply 12" of 1/2" double stick tape to wheel well fender lip, starting 1-1/2" back from the door seam and going toward back of vehicle.
 2. Peel 2" of vinyl backing away near door.
 3. Using moderate pressure, hold the flare in the wheel well opening, aligning it with the holes in the fender.
 - (a) If the vehicle is equipped with mud flaps use the previously removed factory screws to attach the flare to the vehicle. Go to 4.
 - (b) If the vehicle is not equipped with mud flaps:
 - Attach the supplied metal speed clips to the bumper lip at the indented areas of the splash guard.
 - Attach the flare to the vehicle through the clip and bumper with the supplied #14 screws.
 4. Peel remaining vinyl backing from tape and apply with moderate pressure.
 5. Attach the flare to the wheel well lip using the kit supplied barbed clips, with the first clip near the door seam, and the second clip 12" from first clip toward back of vehicle.
- (C) Door Piece Installation (See Illustration #4)
 1. With the rear door open, hold the flare into position on the door, and apply a piece of mylar to the inner door lip where the slots are in the flare.
 2. Remove the flare and wrap the mylar around the outside of the door.
 3. With the door closed, apply a strip of double stick tape to the outside of the door along the edge, and peel the red vinyl backing away from the tape.
 4. Aligning the door piece with the vehicle body lines, the Main Rear Flare and the door seam, place the Door Piece on the door over the double stick tape and press firmly into position.
 5. While holding the flare in position, open the door and fasten the flare to the door, pushing the long side of the clips into the slots in the flare and over the edge of the door.
 6. Close the door and verify alignment of the door piece with the vehicle body lines, the door seam, and the Main Rear Flare. Adjust if necessary.

DOOR PIECE CROSS SECTION

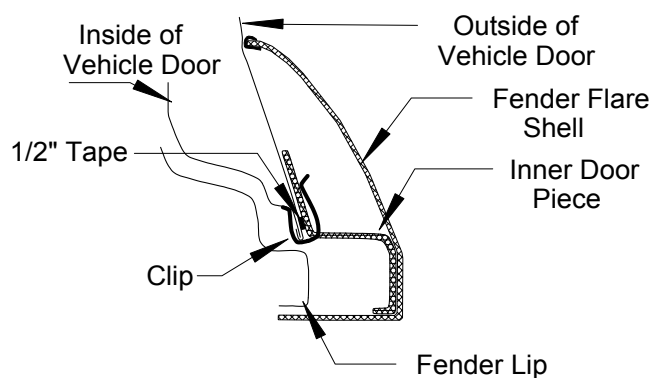


ILLUSTRATION 4