



# Jeep® Extend-A-Fender® Fender Flares Set of 4

## STEP 1 – PRIOR TO INSTALLATION

- A) Bushwacker only** approves installing the flares according to these written instructions with the hardware provided. **WARNING:** Failure to install according to these instructions will invalidate the warranty. This includes, but is not limited to using alternative installation methods, hardware, or materials. **DO NOT USE:** Loctite, SuperGlue, or similar products on the hardware or the flares.
- B) Fit:** Verify the fit of the flares to vehicle. (Some filing, sanding, or cutting may be necessary to ensure proper fit).
- C) Painting:** (Optional) if paint is desired it must be done prior to installing flares on 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. Application of plastic adhesion promoter for ABS plastic as per your paint system manufacturer's recommendations is required. Paint flares using a high quality enamel, or polyurethane automotive paint. If painting edge trim (not recommended), use a flex additive.
- D) 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.
- E) 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)
- F) Metal Protection:** All exposed fasteners and bare metal should be treated with rust resistant paint **BEFORE** installing flares. Spray inner fender wells with undercoating **AFTER** flare attachments have been completed.
- G) Decals:** Flares may interfere with existing decals on vehicle. If you wish, remove decals prior to installation of flares.
- H) Care & Cleaning:** Bushwacker fender flares are built to last; any detergent you use to wash your vehicle is sufficient to clean the flare. Do not use any harsh abrasive detergents.

**Set Part #10903-11**

**Rev-5 3/24/16**

For complete fitment info visit : [www.bushwacker.com](http://www.bushwacker.com)

## TOOLS FOR EASY INSTALLATION:

- Jack & Jack Stands
- Electric Drill
- 11/64" Drill Bit
- 1-1/8" Hole Saw
- Pop Rivet Gun
- Grease Pencil or Marking Pen
- Tape Measure
- Phillips Screw Driver
- Wire Crimper
- Wire Strippers
- Red Oxide Primer

**PLEASE READ:** Dirt and debris can become lodged between the fender flares and the vehicle's fenders, causing scratching and paint wear from vibration. Lund International is not responsible for any damage, and the installation of our fender flares is done with the buyer's understanding that this scratching and paint wear may occur.

## LIMITED LIFETIME WARRANTY AGAINST ANY MANUFACTURING DEFECTS

- To claim a warranty, you must provide Proof of Purchase.

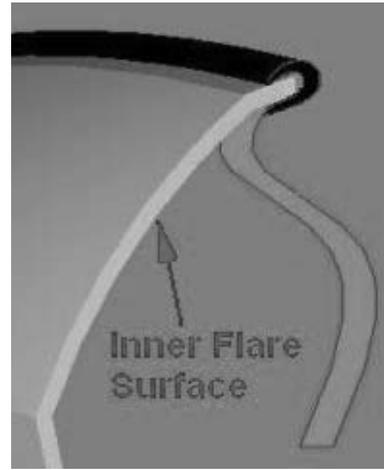
## Included in Hardware Kit:

- |    |   |    |   |     |   |     |   |    |  |    |   |    |   |
|----|---|----|---|-----|---|-----|---|----|--|----|---|----|---|
| 1. |  | 2. |  | 3.  |  | 4.  |  | 5. |  | 6. |  | 7. |  |
|    | SW1-0015,<br>#8 x 1/2" Phillips<br>PH Drill Screw,<br>46 pcs                        |    | SC1-0001,<br>Black FF<br>Snap Cap,<br>48 pcs  |     | SC1-0003,<br>3/32" FF Plastic<br>Cup Washer,<br>48 pcs                              |     | CP1-0001,<br>1-3/16" Cap Plug,<br><br>2 pcs   |    | EC1-0001,<br>SAE 20G<br>Green Wire,<br>2 pcs   |    | EC1-0002,<br>SAE 20G<br>Black Wire,<br>2 pcs  |    | EC1-0003,<br>Slit C/Loom,<br><br>2 pcs  |
| 8. |  | 9. |  | 10. |  | 11. |  |    |  |    |   |    |   |
|    | EC1-0004,<br>Insulated Red<br>Vinyl Connector,<br>8 pcs                             |    | NU1-0006,<br>#6 Tinnerman Flat<br>Spring Nut,<br>4 pcs                              |     | TAB-0001,<br>1" Square<br>Adhesive,<br>46 pcs                                       |     | WA1-0001,<br>1/8" Steel<br>Backup Washer,<br>2 pcs                                  |    |  |    |   |    |   |

# Flare Installation Procedures:

## STEP 2 - 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



**Illustration #1**

## STEP 3 - Preparing the Work Area (Fronts):

- A) Remove tire using jack and jack stands should additional room be required to work in the wheel well area.
- B) Remove factory flares from all wheel openings.
- C) Disconnect signal light bulb assembly from signal light frame and remove frame from fender. Save signal frame for reinstallation.

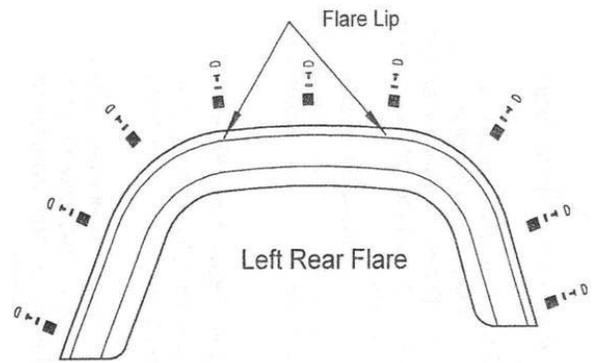
## STEP 4 - Flare Installation (Fronts):

**Note: Front flares are two part construction: the flare itself and an end cap which covers and extends the lower rear portion of the flare.**

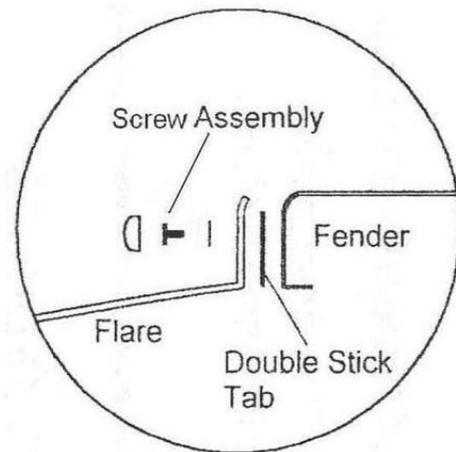
- A) Drill twelve 9/64" holes through the flare and end-cap lip at the locations shown in **Illustration #2**. Holes should be drilled from the back to avoid marring the outer flare surface. Screw locations are marked as indents on the lip.
- B) Remove one side of the protective paper backing from the double-stick tabs and press onto the inside surface of the lip and over the holes drilled in Step 4A. **See Illustration #4.**
- C) Remove remaining paper backing and press flare and end-cap into position on fender. Shield flare surface with duct tape or use drill bit extension to prevent marring by drill chuck and drill twelve 9/64" holes in fender through hole drilled in Step 4A.
- D) Secure flare to fender using supplied drill screws through washer. Press caps over washer/screw assemblies. **See Illustration #4.**
- E) Secure the outer edges of flare and end-cap using a single drill screw. **See Illustration #2 – Inset B.**

### STEP 5 - Marker Light Attachment (Fronts):

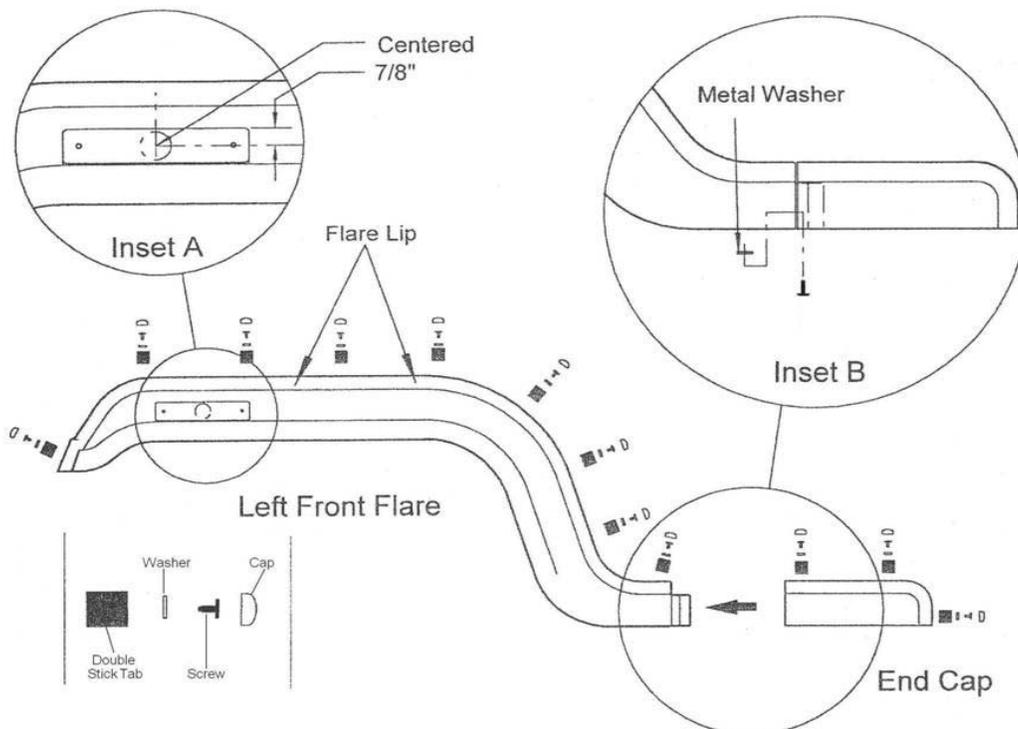
- A) Center and drill a 1-1/8" hole 7/8" from the top edge and an equal distance from both ends of the light indent. See **Illustration #2 – Inset A**.
- B) Locate and Drill two 11/64" holes by inserting the signal light frame into the 1-1/8" hole, and marking the existing screw positions.
- C) Secure signal light frame with supplied flat nuts over original screws.
- D) Lengthen signal light wires to accommodate increased flare width.
- E) Cut original turn signal light wires 4" and 6" from signal bulb and strip all resulting wire ends.
- F) Insert four stripped ends into supplied connectors and crimp.
- G) Cut extension wire (supplied) into two equal lengths and strip all ends. Insert one extension wire into both vehicle-side connectors and crimp.
- H) Cut loom material (supplied) into two equal lengths. Thread vehicle-side wires through a single loom length and butt to existing loom material. Electrical tape can be used to hold old and new loom sections together.
- I) Thread loom through original signal light hole; insert vehicle-side wire ends into signal-side connectors and crimp.
- J) Insert signal bulb assembly into signal frame.



**Illustration #3**



**Illustration #4**



**Illustration #2**

## STEP 6 - Flare Installation (Rears):

**Note: Rear Flares are of one piece construction and do not require turn signal light remounting.**

- A)** Drill twelve 9/64" holes through the flare at the locations shown in **Illustration #3**. Holes should be drilled from the back to avoid marring the outer flare surface. Screw locations are marked as indents on the lip.
- B)** Remove one side of the protective paper backing from the double-stick tabs and press onto the inside surface of the lip and over the holes drilled in Step 6A. **See Illustration #4.**
- C)** Remove remaining paper backing and press flare and end-cap into position on fender. Shield flare surface with duct tape or use drill bit extension to prevent marring by drill chuck and drill twelve 9/64" holes in fender through hole drilled in Step 6A.
- D)** Secure flare to fender using supplied drill screws through washer. Press caps over washer/screw assemblies. **See Illustration #4.**