



# Jeep® Flat Style Fender Flares Set of 2 (Front Pair)

Set Part #10101-07  
Rev-1 05/10/2019

## 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.

## TOOLS FOR EASY INSTALLATION:




- Utility Knife
- Pneumatic Hand Saw or Metal Hacksaw
- #2 Phillips Drive Bit
- Electric Drill
- 5/16" Drill Bit
- #2 Phillips Screwdriver
- Socket Wrench
- Socket Set
- 1/2" Wrench
- Needle Nose Pliers or Vise Grips
- Scratch Awl (optional)
- Soft Wiping Cloth/Shop Towels
- Safety Glasses
- Grease Pencil
- Punch

**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. <br>CL1-0022,<br>#10 "U" Clip,<br>18 pcs        | 2. <br>SW1-0057,<br>#14 x 3/4" Phillips<br>Truss Tap Screw,<br>18 pcs | 3. <br>133606A<br>Rivnut,<br>1/4 x 20,<br>20 pcs            | 4. <br>133606H<br>Rivnut Installation<br>Tool,<br>1 pcs         | 5. <br>133606B<br>Allen Bolt,<br>1/4-20x1<br>20 pcs    | 6. <br>WA1-0012,<br>320 x .700 x .03<br>SS Washer,<br>20 pcs  | 7. <br>JB1-0001<br>Metal Brace<br>2 pcs       | 8. <br>SW1-0081<br>Carriage Bolt,<br>3/8" x 3/4"<br>4 pcs           |
| 9. <br>NU1-0027<br>Nylock Nut,<br>3/8-16,<br>4 pcs | 10. <br>WA1-0027<br>Anti Rotating<br>Clipped Washer,<br>4 pcs         | 11. <br>RV1-P001,<br>1/4" Black Nylon<br>Retainer,<br>2 pcs | 12. <br>RV1-P006,<br>8 x 20mm Black<br>Nylon Retainer,<br>6 pcs | 13. <br>SW1-0082<br>Flange Screw,<br>5/16-18,<br>2 pcs | 14. <br>NU1-0028<br>Nylock Nut,<br>5/16-18,<br>2 pcs  | 15. <br>WA1-0028<br>Washer,<br>5/16,<br>2 pcs | 16. <br>GP1-0025,<br>EX4008 Wiper<br>Style Edge Trim,<br>132 inches |
| 17. <br>ET1-0002,<br>Edge Trim Tool,<br>1 pc       | 18. <br>AD1-0008,<br>ALCOHOL PREP<br>PAD,<br>4 pcs                    | 19. <br>EC1-0007<br>Female Wire<br>Connector,<br>10 pcs     | 20. <br>EC1-0008<br>Male Wire<br>Connector,<br>10 pcs           | 21. <br>LT1-0005<br>Light Kit,<br>4 pcs                |  <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>The material that your product is made from can be recycled. Please also consider recycling the packaging that your product came in.</p> </div>  |  |  |

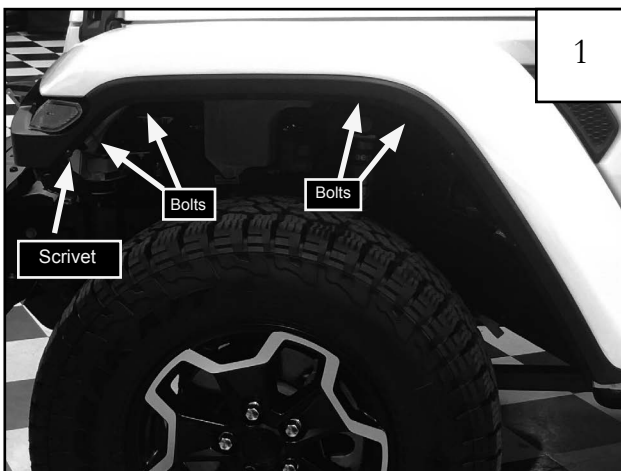
**STEP 1 - EDGE TRIM INSTALLATION (DO NOT INSTALL EDGE TRIM ON THE SMALLER INNER PIECES! ONLY THE FLARE PIECES NEED IT!)**

A) Clean the edge of each fender flare using the enclosed alcohol prep pads.

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).



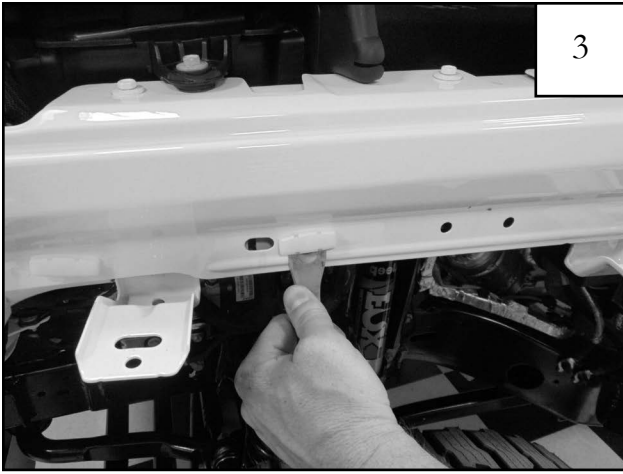
**Front Flare Installation Procedures (Driver's Side):**



Remove and retain bolts and scrivet fastener from inside of factory fender.



Starting at front of flare, pull *firmly* to release flare and splash shield from fender, working your way to the back. You will hear popping noises as clips release. It is okay. If clips break, they will be discarded. Clip off both socket connectors at the existing light.



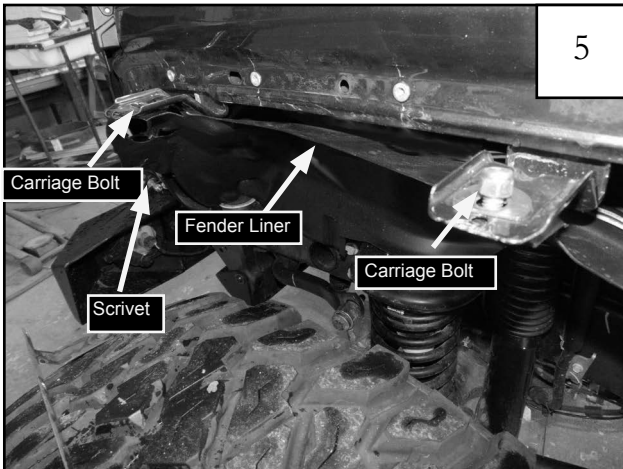
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Using a pry tool or flat head screwdriver, remove any plastic clips still in fender.



4

Use a punch or drill with 5/16" bit to drill through eight plastic rivets along edge of flare/splash shield. Discard flare. Save splash shield for reinstallation.



5

Reinstall the splash shield using the previously removed factory scrivet and (2) supplied carriage bolts, in preparation for marking before cutting.



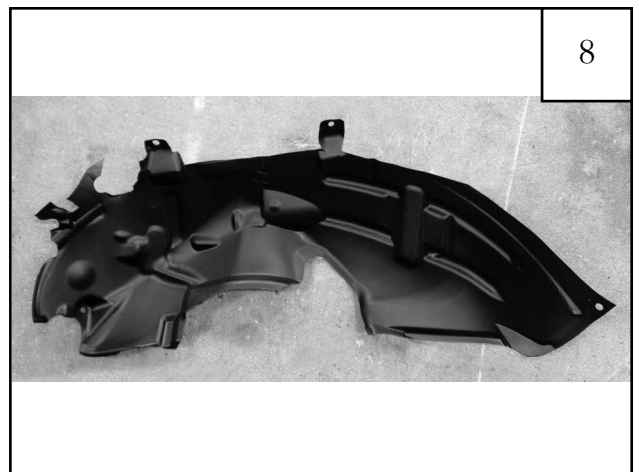
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Using sheet metal as a guide, mark the rear portion of the splash shield with a grease pencil in preparation for trimming. The splash shield should be flush with the sheet metal after being trimmed. *NOTE: If trimmed too little, flare won't fit; if trimmed to much, shield won't stay behind flare. Rear portion beneath vent may be left long.*



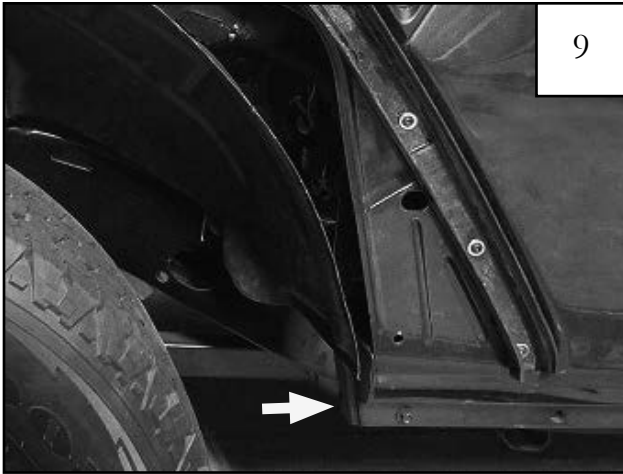
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Remove splash shield. Save factory hardware for reinstallation. Using a metal hacksaw, pneumatic hand saw, or other suitable cutting device, trim the splash shield along the marked lines.



8

Splash shield properly trimmed.



NOTE: It may be necessary to trim the factory installed lower plastic cover piece indicated above to obtain correct fit.



Thoroughly clean the exposed metal fender with a damp cloth and dry.



Place a rivnut on the provided rivnut tool.



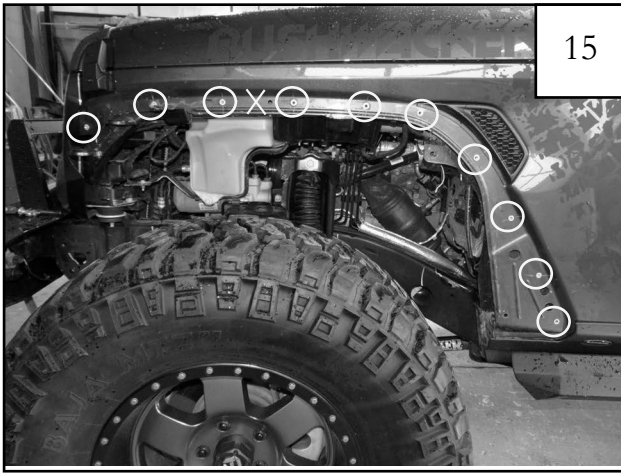
Insert rivnut in fender hole.



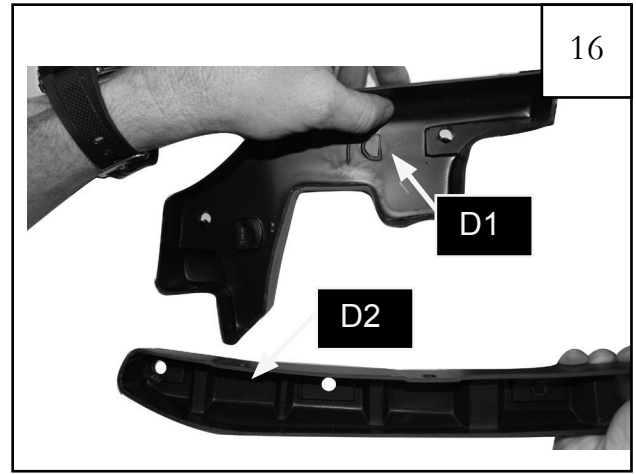
Using a wrench to hold rivnut tool in place, install rivnut in place on fender using an 11/16" socket. The rivnut will expand to secure itself in place. NOTE: Use of impact driver recommended for rivnut installation.



Remove rivnut tool. Repeat for remaining holes.



Ten rivnuts installed. NOTE: The "X" above indicates a hole that is not used.



Locate the flat flare front inner pieces. The driver side front inner pieces are marked D1 & D2. The passenger side front inner pieces are marked P1 & P2.



Install a U-clip at each clip location on the inner pieces, centering them on the predrilled holes with threaded portion on inside (9 locations). NOTE: Clips may slide out of place. Try pinching the metal tightly onto the inner piece with pliers.



Position support brace along the top edge of fender opening, aligning with the existing factory supports.



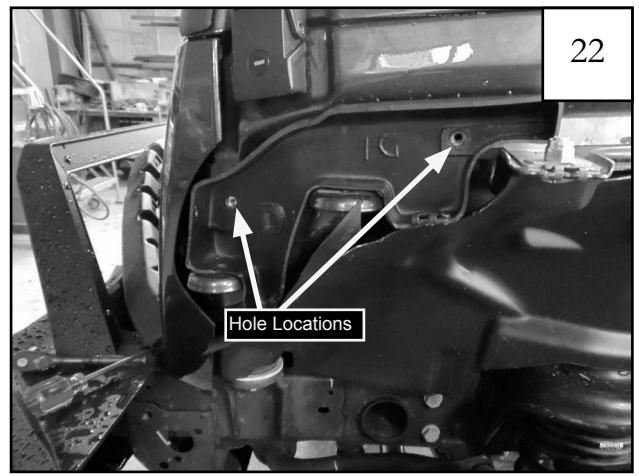
Install a U-clip on both flanges of the support bracket.



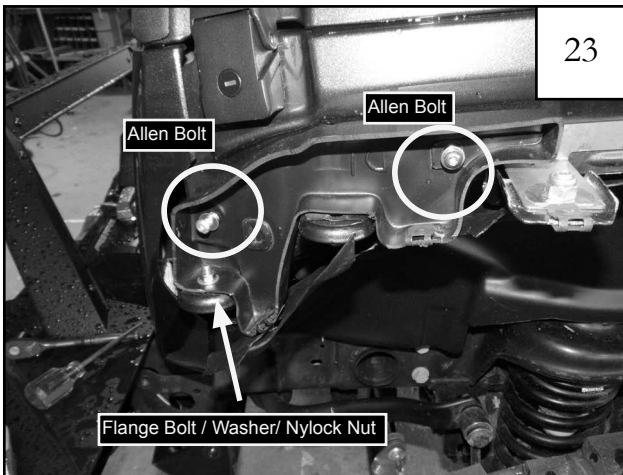
Attach both flanges of the support bracket to the existing factory fender support using a carriage bolt, anti-rotating clipped washer and nylock nut.



Support bracket flange properly attached to existing factory support in (2) locations.



Secure inner piece D1 (and P1 for passenger side installation) to the sheet metal using the following **3 Steps: Step 1** Position inner piece on fender by aligning holes with previously installed rivnuts.



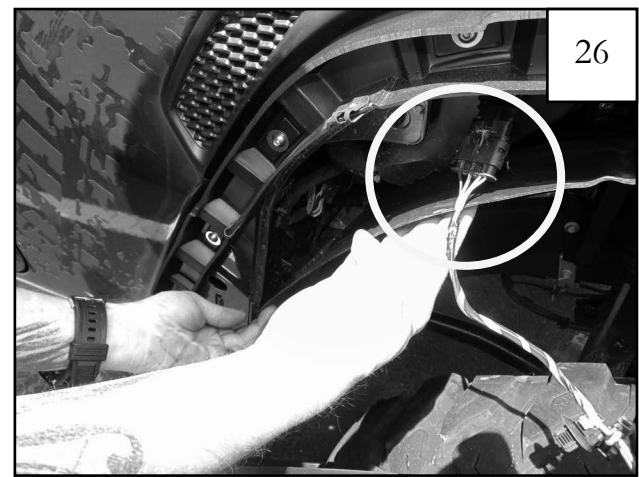
**Step 2** Slide a washer onto allen bolt. Insert a bolt/washer assembly through inner piece and fender and secure to rivnut. *Start the bolts but do not tighten.* Next, install a 1/4-20 flange bolt and washer with nyloc nut as indicated above. Tighten this bolt fully.



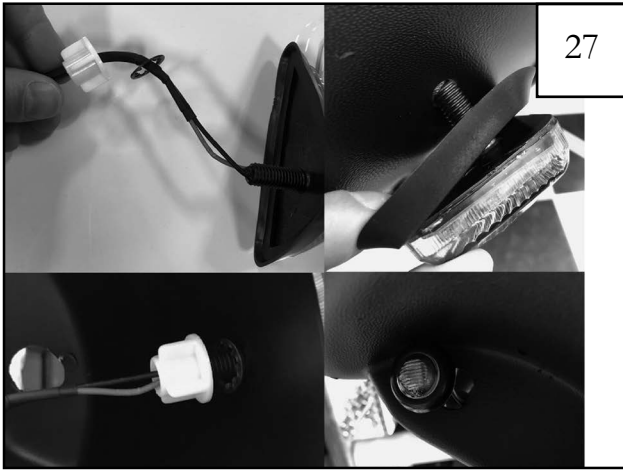
**Step 3** Secure inner piece D2 with allen bolts and washers using the same procedure described in Step 22 and 23.



Ensure that inner pieces D1 and D2 are aligned together properly, and tighten all allen head bolts.



Position inner splash shield for reinstallation, making sure that side marker light wires are outside of splash shield.



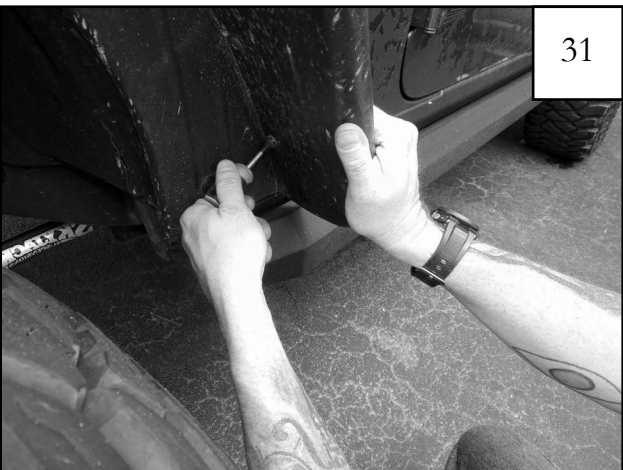
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Front Turn Signal Install: remove plastic nut and lock washer from light. Slide stem through hole in front of fender flare. Add lock washer and nut back to the light behind the fender flare and tighten down. Side Marker Light: Push round button light through the hole under the lip of the fender flare.



29

Place the outer flare over the inner pieces and push until snug against the sheet metal. Make sure that the side marker light wires are inside the flare. Make sure splash shield is tucked behind flare.



31

Hold flare in place on fender and start a Phillips truss screw into each hole location and through speed clip on inner structure and metal frame angle support bracket (9 locations). Do not tighten.

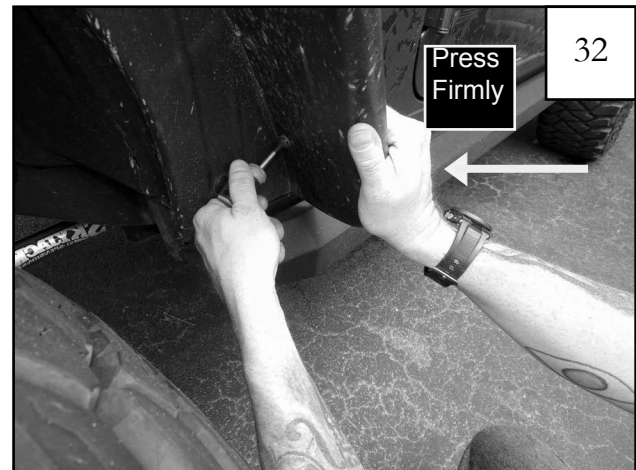
<ol style="list-style-type: none"> <li>1. Install 10 Male connectors onto leads on all lights.</li> <li>2. Install lights into fenders.</li> <li>3. Install 10 Female connectors onto previously clipped wires in the wiring harness.</li> <li>4. Front light:             <ul style="list-style-type: none"> <li>Black to Black</li> <li>White to White/Brown</li> <li>Red to White/Green</li> </ul> </li> <li>5. Side Marker Light:             <ul style="list-style-type: none"> <li>Black to Black</li> <li>Red to White/Orange</li> </ul> </li> <li>6. Route wiring safely through fender while proceeding with installation.</li> </ol>	<p>28</p>
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Wiring the lights.



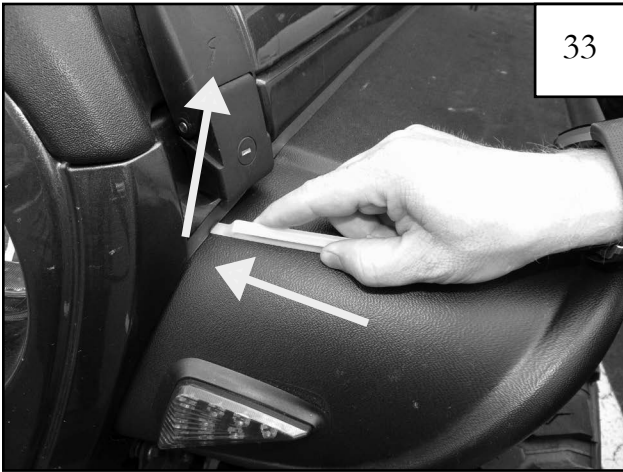
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Use a scratch awl (or another pointed tool) to line up the speed clips with the outer flare holes (9 locations). If needed, use a flashlight to better locate the speed clips.



32

After all screws have been started, tighten the screws by *firmly* pressing the flare toward the vehicle *while* tightening.



33

Starting at one end, use the flat edge of the supplied edge trim tool to further adhere the edge trim to the vehicle surface. Slide the tool along the edge trim while pressing it in toward the vehicle surface.



34

Use the hooked end of the edge trim tool to check for full adhesion. Do this by sliding it along the top of the edge trim to visually verify that the tape is adhered to the vehicle surface. Repeat Step 34 if tape is not fully adhered to the vehicle surface.



35

Install a 8-20mm nylon retainer in lower inside corner of fender flare.



36

Nylon retainer installed.



37

Completed front driver's side flare installation.