



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.

Jeep® Flat Style Fender Flares Set of 4

Set Part #10923-07

Rev-0 12/04/2018

For complete fitment info visit : www.bushwacker.com

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

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:

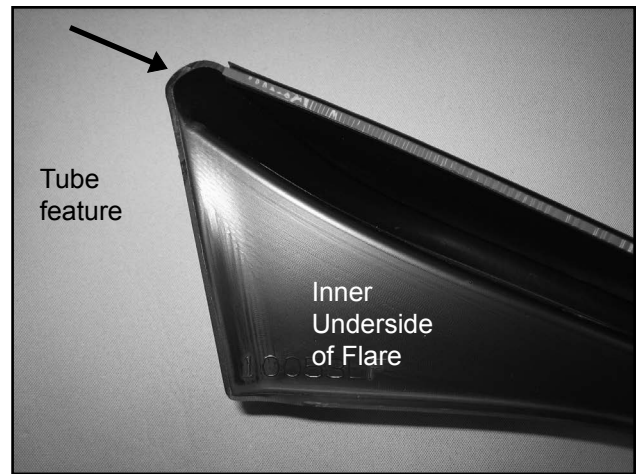
- | | | | | | | | |
|---|--|--|--|---|--|--|--|
| 1. 
CL1-0022,
#10 "U" Clip,
36 pcs | 2. 
SW1-0057,
#14 x 3/4" Phillips
Truss Tap Screw,
36 pcs | 3. 
133606A
Rivnut,
1/4 x 20,
40 pcs | 4. 
133606H
Rivnut Installation
Tool,
1 pcs | 5. 
133606B
Allen Bolt,
1/4-20x1
40 pcs | 6. 
WA1-0012,
.320 x .700 x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

STEP 2 - EDGE TRIM INSTALLATION (**DO NOT INSTALL EDGE TRIM ON THE SMALLER INNER PIECES! ONLY THE FLARE PIECES NEED IT!**)

The edge trim for this application is double-tape edge trim so special care needs to be taken while installing. There is red vinyl backing on the inside of the edge trim where it will adhere to the flare and red vinyl backing on the outside where it will adhere to the vehicle. The following steps only concern where the edge trim will adhere to the flare. Additional edge trim installation instructions are included during the rest of the installation process.

A. 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). Stop at tube feature of flare. **Picture 1 for tube feature reference**

B. 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. **Picture 2 for additional edge trim orientation**

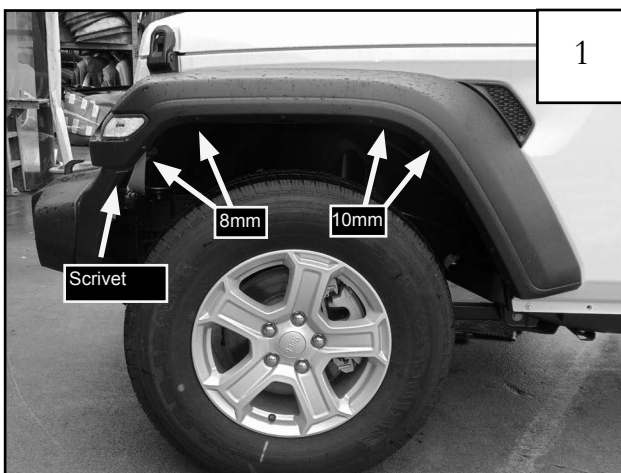


Picture 1



Picture 2

Front Flare Installation Procedures (Driver's Side):



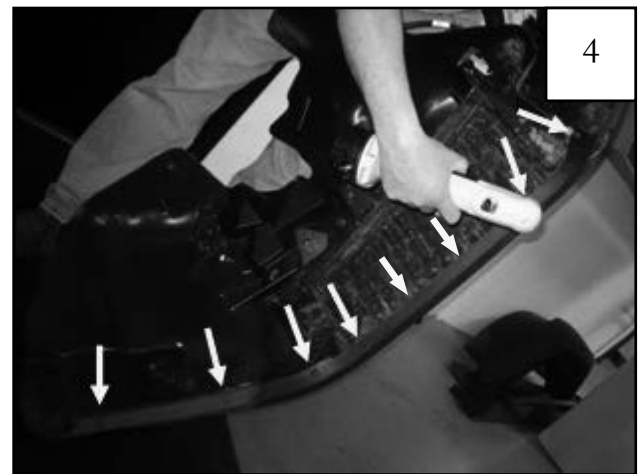
Remove and retain (2) 8mm bolts, (2) 10mm bolts, and (1) scrivet fastener from inside of factory fender.



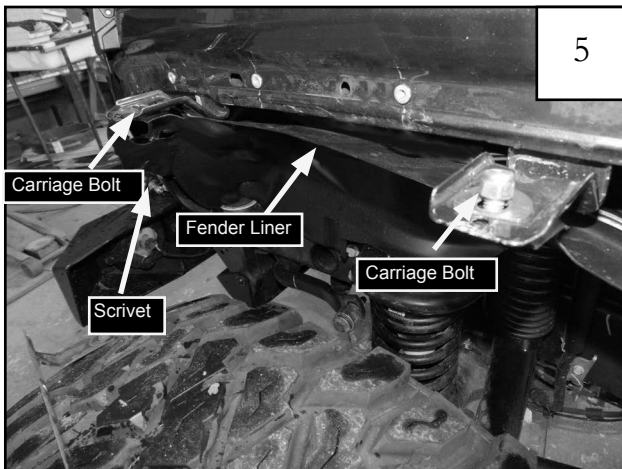
Starting at front of flare, pull *firmly* to release flare and splash shield from fender, working your way to the back. You will hear popping noises as clips release. It is okay. If clips break, they will be discarded. Clip off both socket connectors at the existing light.



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



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



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



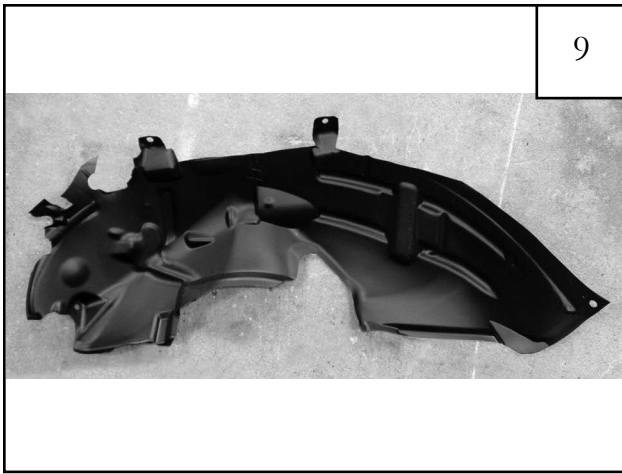
Mark the front portion of the splash shield with a grease pencil in location shown in preparation for trimming. The splash shield should be flush with the sheet metal after being trimmed. *NOTE: If trimmed too little, flare won't fit; if trimmed to much, shield won't stay behind flare.*



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.*

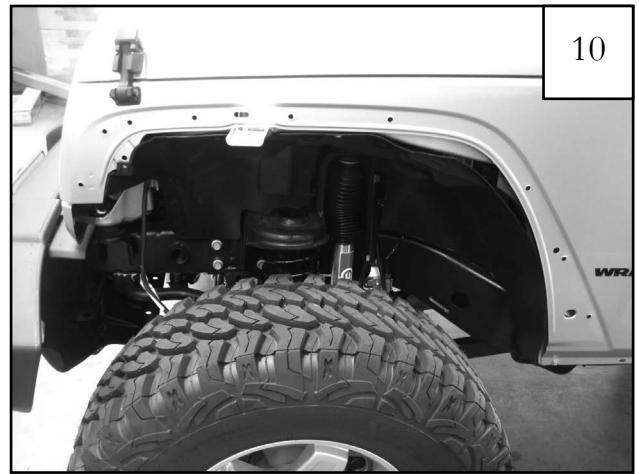


Remove splash shield. Save factory hardware for reinstallation. Using a metal hacksaw, pneumatic hand saw, or other suitable cutting device, trim the splash shield along the marked lines.



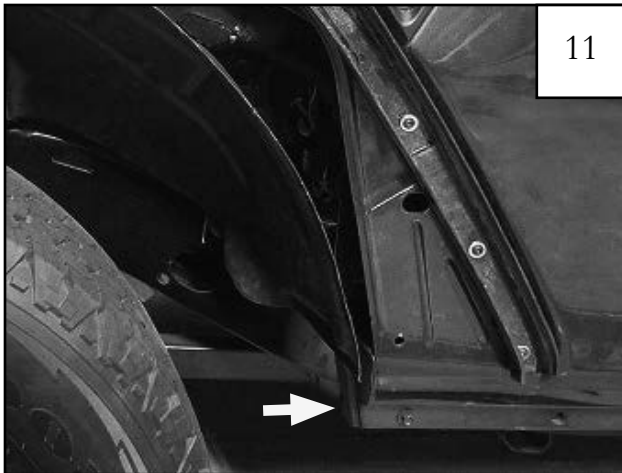
9

Splash shield properly trimmed.



10

Hold splash shield up to inner wheel well to ensure that the edge is flush with the sheet metal. Remove from wheel well and trim or sand if splash shield extends beyond the sheet metal, except in rear as noted.



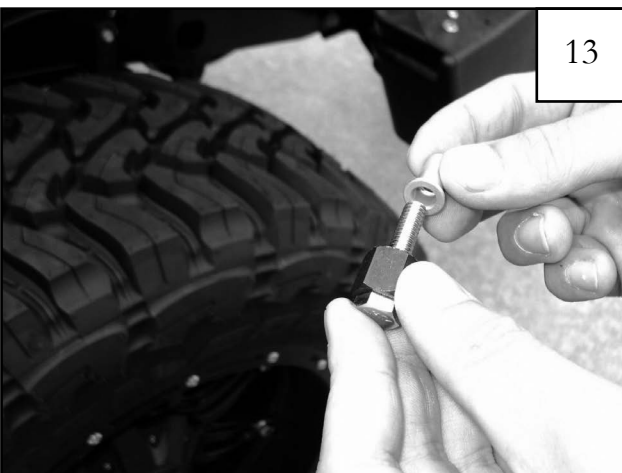
11

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



12

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



13

Place a rivnut on the provided rivnut tool.



14

Insert rivnut in fender hole.



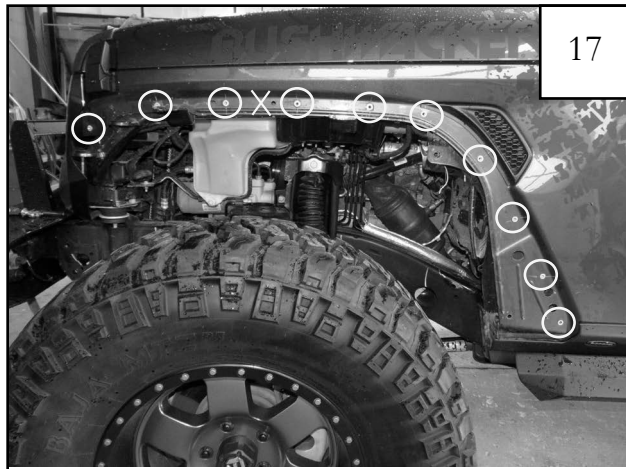
15

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.



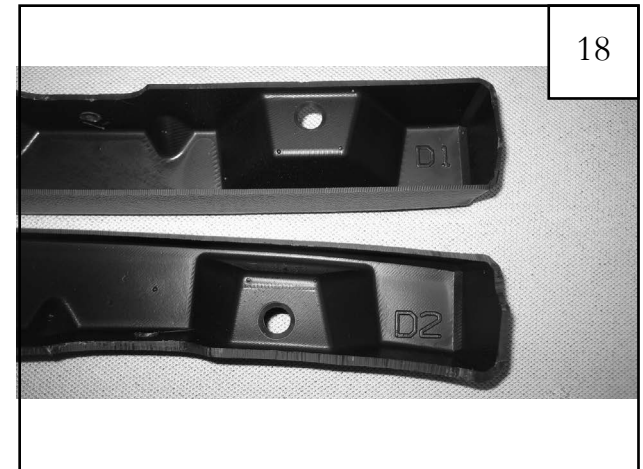
16

Remove rivnut tool. Repeat for remaining holes.



17

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



18

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.



19

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.

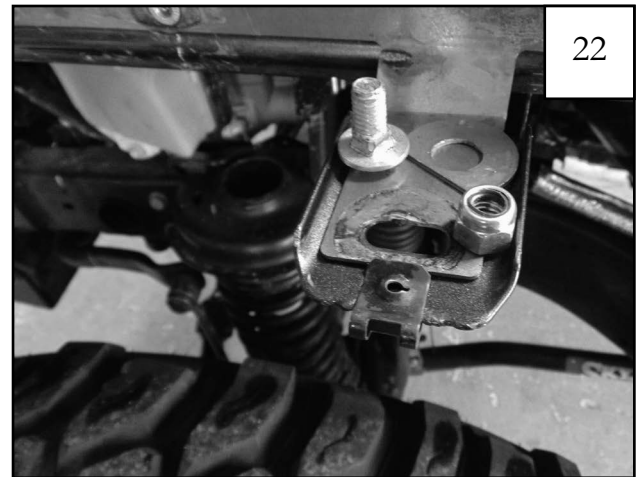


20

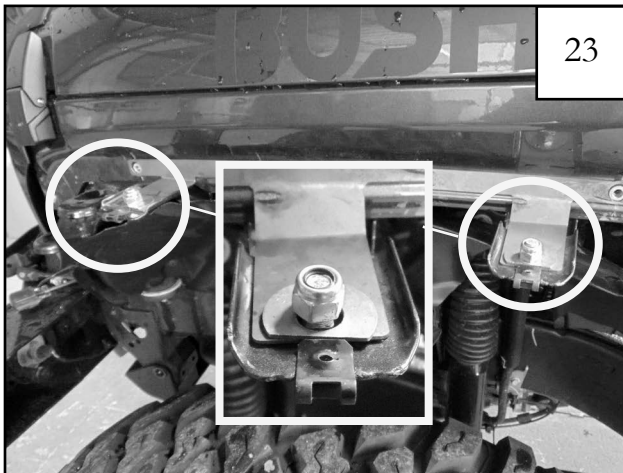
Position support brace along the top edge of fender opening, aligning with the existing factory supports.



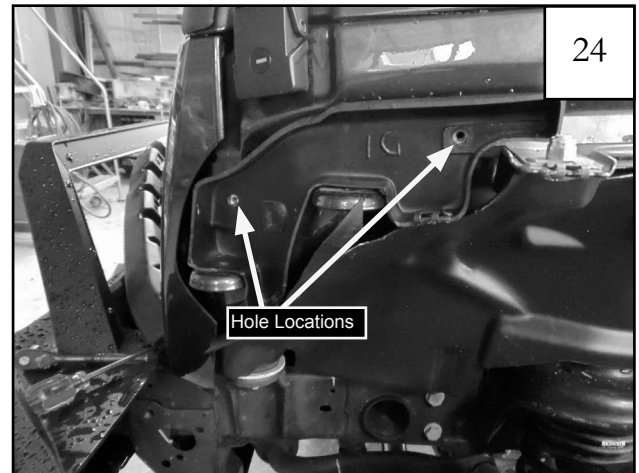
Install a U-clip on both flanges of the support bracket.



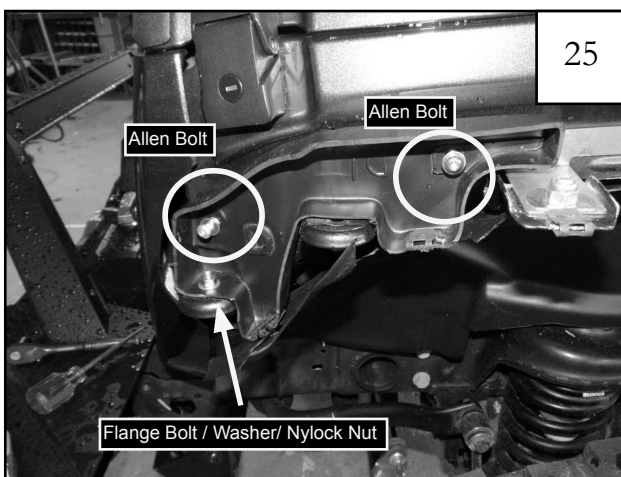
Attach both flanges of the support bracket to the existing factory fender support using a carriage bolt, anti-rotating clipped washer and nylock nut.



Support bracket flange properly attached to existing factory support in (2) locations. NOTE: See closeup insert above for correct installation order.



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.



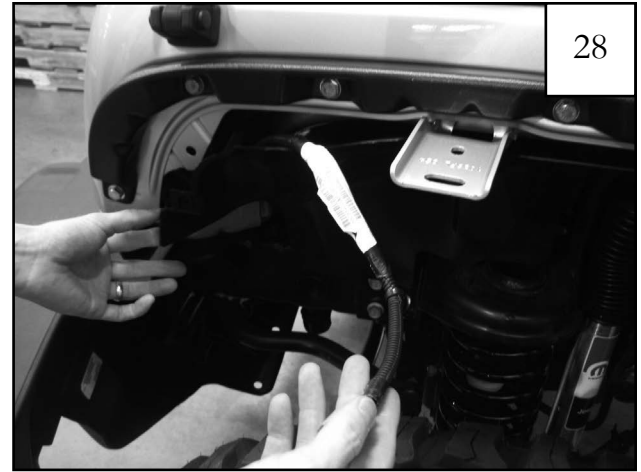
Step 3 Secure inner piece D2 with allen bolts and washers using the same procedure described in Step 24 and 25.



27

Align D1 and D2

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



28

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



29

Use one supplied alcohol prep pad to clean the *sheet metal* above each inner piece in preparation to tape the edge trim to the sheet metal. *This must be done for proper flare installation.*



30

Peel back 1-2" of red liner on each end of the edge trim and bend toward the outside of the flare.

- | | |
|---|-----------|
| <ol style="list-style-type: none"> 1. Install 10 Male connectors onto leads on all lights. 2. Install lights into fenders. 3. Install 10 Female connectors onto previously clipped wires in the wiring harness. 4. Front light:
Black to Black
White to White/Brown
Red to White/Green 5. Side Marker Light:
Black to Black
Red to White/Orange 6. Route wiring safely through fender while proceeding with installation. | <p>31</p> |
|---|-----------|

Wiring



32

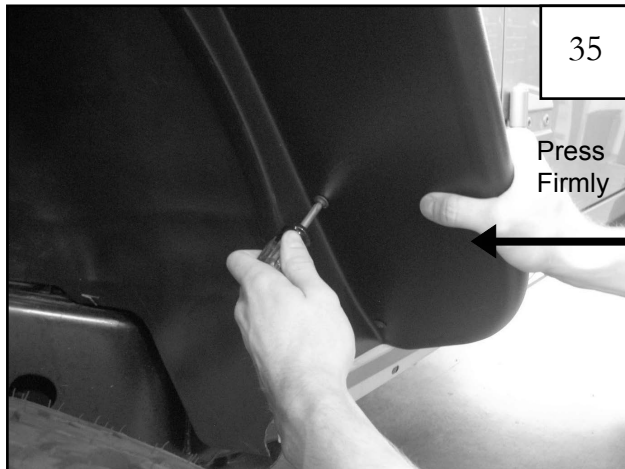
Place the outer flare over the inner pieces and push until snug against the sheet metal. Make sure that the side marker light wires are inside the flare. Make sure splash shield is tucked behind flare.



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.



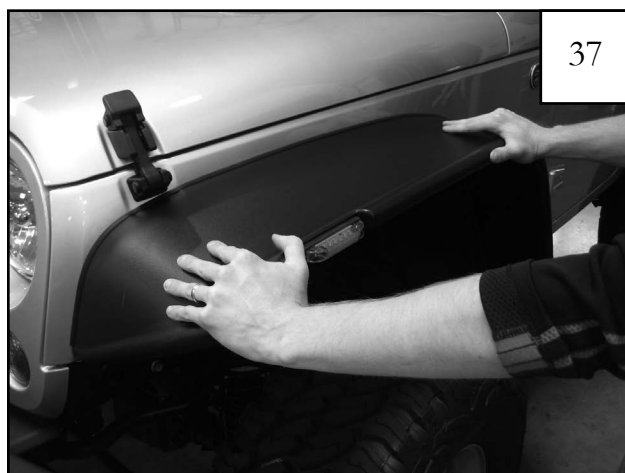
Hold flare in place on fender and start a Phillips truss screw into each hole location and through speed clip on inner structure and metal frame angle support bracket (9 locations). Do not tighten.



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



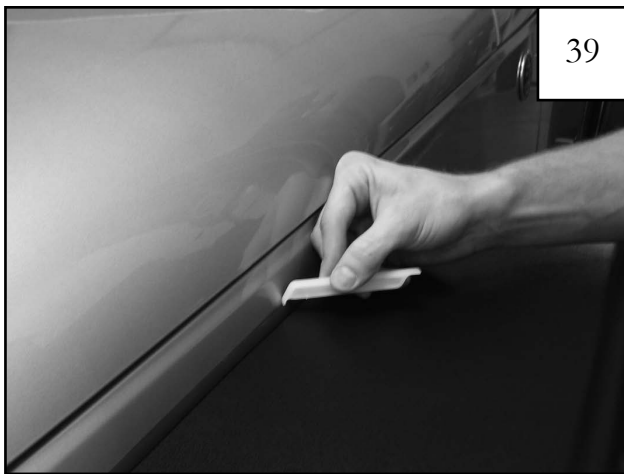
Peel outer tape liner from the double-tape edge trim. Push down *lightly* on the fender flare to create a small gap between the sheet metal and the edge trim. This makes it easier to pull the red liner.



After the red liner is removed, *firmly* press the flare toward the vehicle for 10 seconds to adhere the tape to the vehicle surface. Repeat this process for the entire length of the flare. The vehicle surface temperature must be between 65-110° F for proper adhesion. Allow 24 hours for full adhesion.



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.



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 39 if tape is not fully adhered to the vehicle surface.



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



Nylon retainer installed.



Completed front driver's side flare installation.

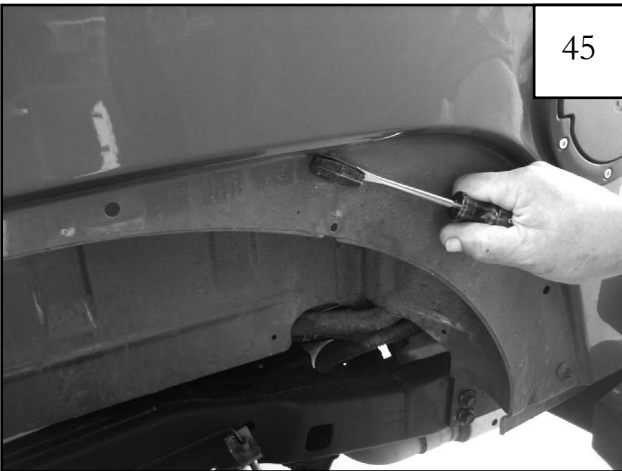
Rear Flare Installation Procedures (Driver's Side):



Using a pry tool, pliers, or flat head screwdriver, remove and retain six plastic fasteners from inside of splash shield.



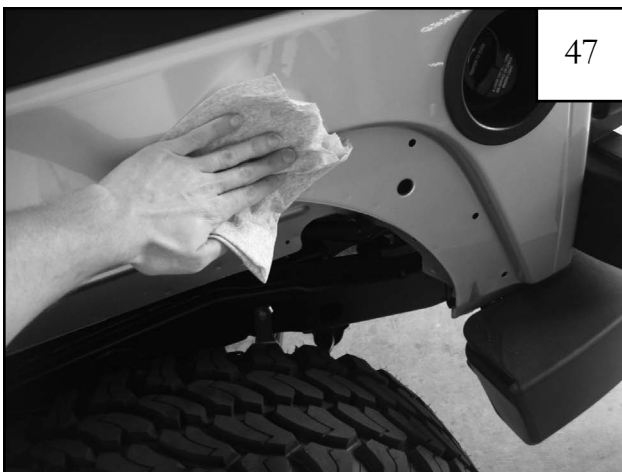
Starting at front of flare, pull *firmly* to release flare and splash shield from fender, working your way to the back. You will hear popping noises as clips release. It is okay if clips break, they will be discarded.



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



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



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

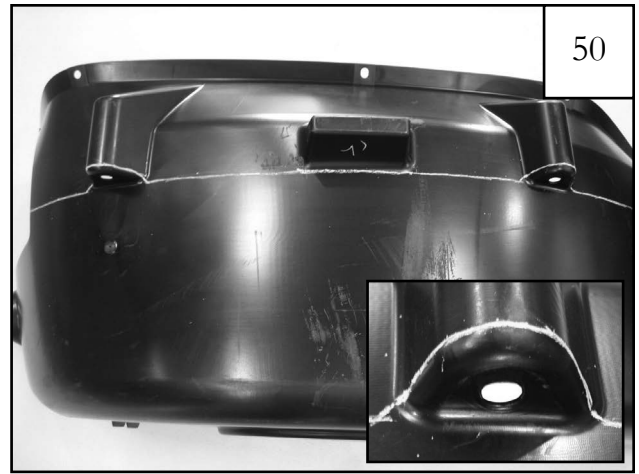


Hold the splash shield in place using supplied 1/4" Panel Retainers through factory holes halfway. *Do not fully install Retainers, leave them half out. They are only used to hold splash shield in place for marking. See step 76 for locations.*



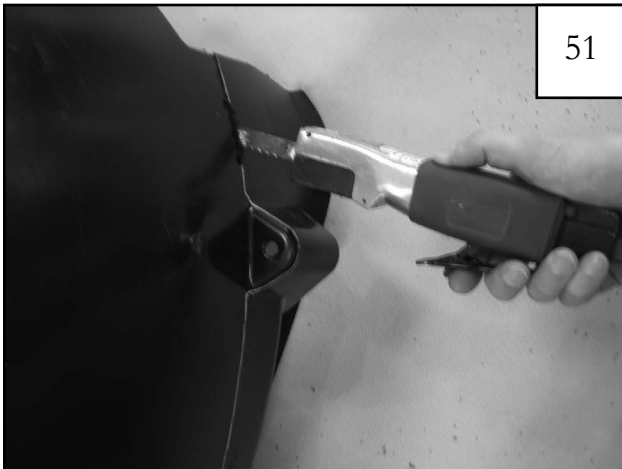
49

Using sheet metal as a guide, mark 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.*



50

Remove splash shield. Trace around upper mounting tabs with grease pencil as shown. Mounting tabs are necessary for reinstallation.



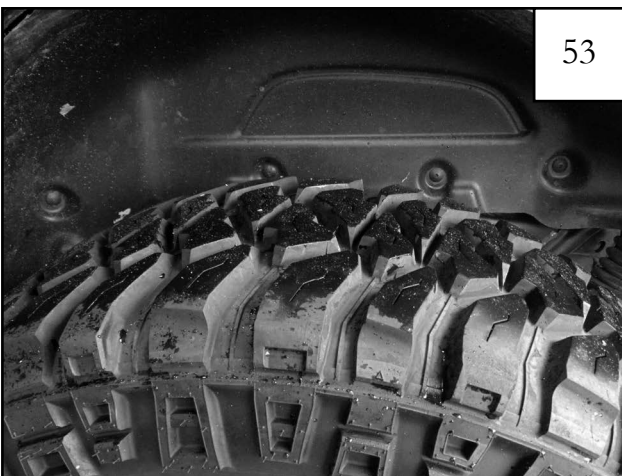
51

Using a metal hacksaw, pneumatic hand saw, or other suitable cutting device, trim the splash shield along the marked lines.



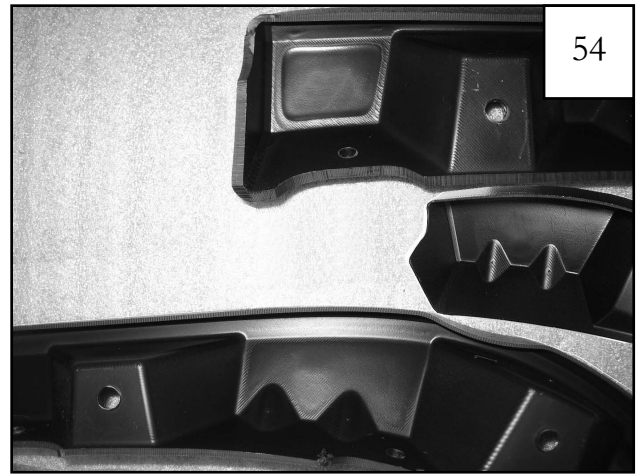
52

Sand mounting tabs flat using an angle grinder or sand paper.



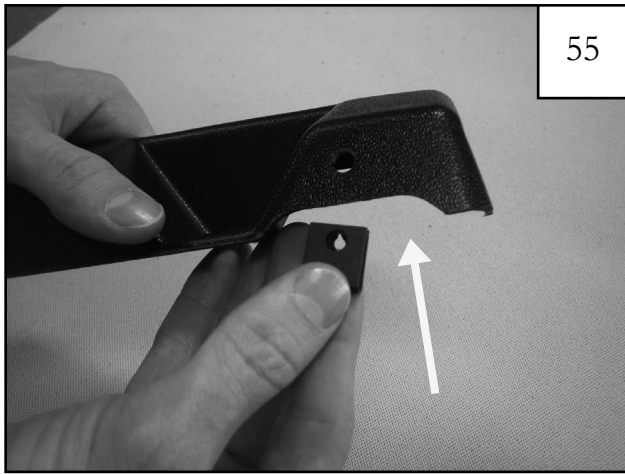
53

Reinstall splash panel using four factory fasteners.



54

Locate the flat flare rear inner pieces. The driver side rear inner pieces are marked DR1, DR2 & DR3.



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.**



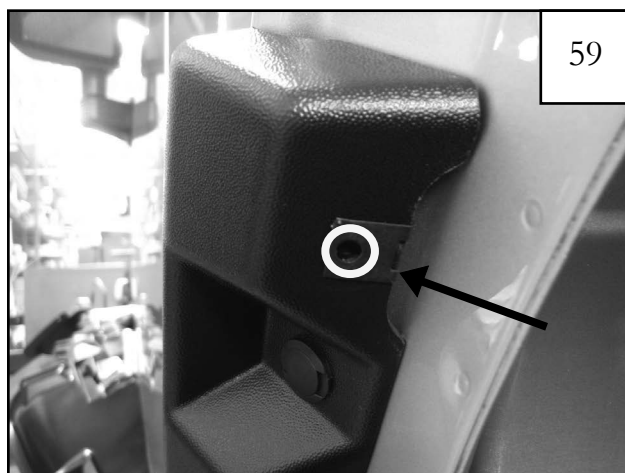
Install ten rivnuts in rear fender area using the same procedure as Steps 13 thru 17. Test fit inner pieces DR1, DR2, and DR3. **NOTE: The "X" above indicates a hole that is not used.**



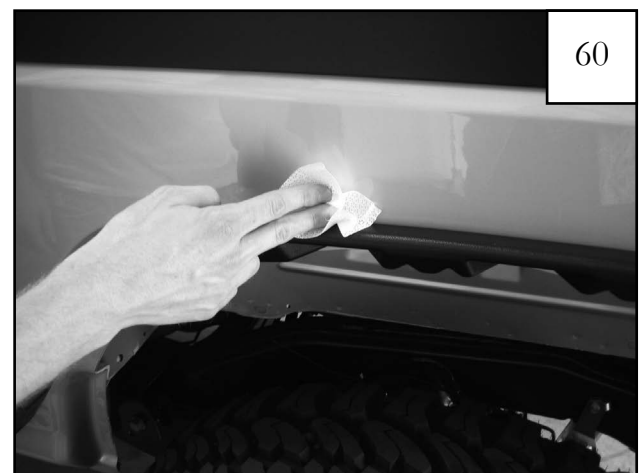
Slide a washer onto allen bolt. Insert a bolt/washer assembly through inner pieces and fender and secure to rivnut. **Start the bolts but do not tighten.**



Ensure that inner pieces DR1, DR2, & DR3 are aligned together properly, and tighten all allen head bolts. **Inner piece should rest along upper style line of sheet metal radius and not below it.**



Before installing the outer flare, make sure that the U-clips on the inner pieces are centered over the predrilled holes.



Use one supplied alcohol prep pad to clean the *sheet metal* above each inner piece in preparation to tape the edge trim to the sheet metal. **This must be done for proper flare installation.**



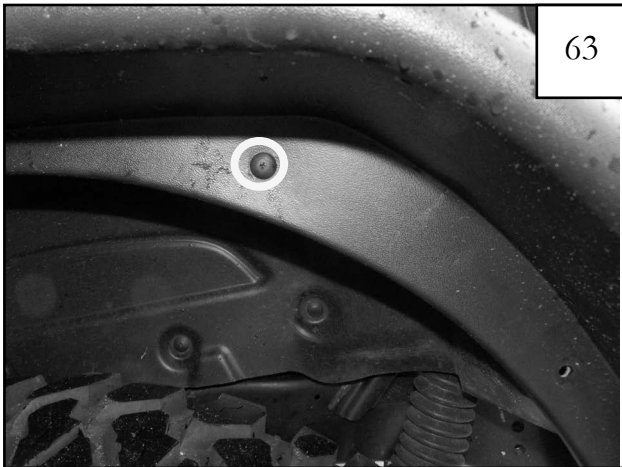
61

Peel back 1-2" of red liner on each end of the edge trim and bend toward the outside of the flare.



62

Place the outer flare over the inner pieces and push until snug against the vehicle surface. Make sure splash shield is tucked behind flare.



63

Install 1/4" nylon retainer through flare, fender liner, and body.



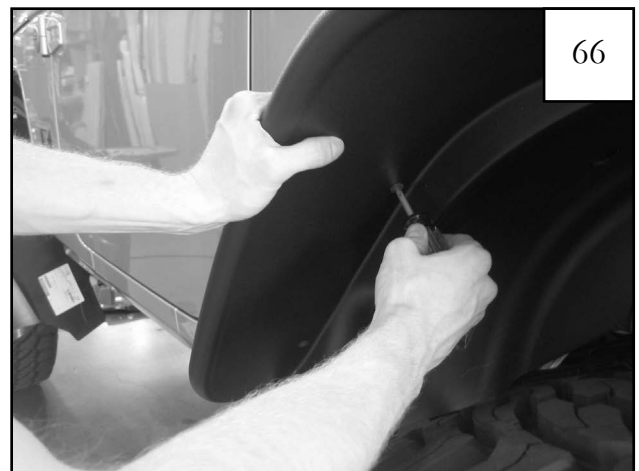
64

Use a scratch awl (or another pointed tool) to line up the speed clips with the outer flare holes (6 locations). If needed, use a flashlight to better locate the speed clips.



65

Hold flare in place on fender and start a phillips truss screw into each hole location and through the U-clip on inner structure (9 locations). *Do not tighten.*

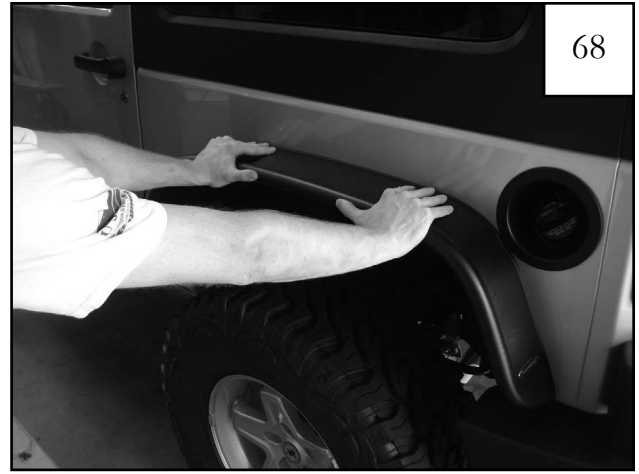


66

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



Peel outer tape liner from the double-taped edge trim. Push down *lightly* on the fender flare to create a small gap between the sheet metal and the edge trim. This makes it easier to pull the red liner.



Firmly press the flare toward the vehicle for 10 seconds to adhere the tape to the vehicle surface. Repeat this process moving along the entire length of the flare. The vehicle surface temperature must be between 65-110° F for proper adhesion. Allow 24 hours for full adhesion.



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.



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 70 if the tape is not fully adhered to the vehicle surface.



Install (2) 8-20MM nylon retainers.



Completed rear driver's side flare installation.