Jeep Cut-Out Fender Flare FRONT PAIR

Set Part #10071-07
Rev-0 08-31-12

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 TPO 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.

TOOLS FOR EASY INSTALLATION:

- Grease Pencil or Scribe
- Heavy Hammer
- Reciprocating Saw
- Pliers, Sheet Metal Pliers
- Electric Drill
- 3/32", 3/16", 1/8" and 1/4" Drill Bits
- #2 Phillips Driver
- Utility Knife
- Cut-off Wheel
- Angle Grinder
- Sand Paper
- Urethane Caulking/Sealant
- Caulking Spreader
- Measuring Tap/Ruler
- Heat Gun
- Socket Wrench
- 3/8" , 5/16" Socket
- 10mm Deep Socket
- 3" Socket Extension
- Torque Wrench Impact Wrench
- Masking Tape
- Partner/Helper
- Pry Tool
- Measuring Tap/Ruler
- Car Jack/ Jack Stands

THESE INSTRUCTIONS INVOLVE CUTTING THE FENDERS OF THE VEHICLE. IT IS IMPORTANT TO READ ALL INSTRUCTIONS PRIOR TO THE CUTTING AND INSTALLATION OF THESE FLARES.

LIMITED LIFETIME WARRANTY AGAINST ANY MANUFACTURING DEFECTS

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

Included in Hardware Kit

1. 
SW1-0052, T-45 Torx Bit, 1 pc

2. 
RV1-P008, 1/4" Panel Retainer, 18 pcs

3. 
SW1-0045, #14-14 x 1" Torx Screw, 16 pcs

4. 
SP1-0011, 1/4" x 5/8" x .187" Neo Black Spacer, 2 pcs

6. 
SP1-0009, 3/8" x 5/8" x .187" Neo Black Spacer, 14 pcs

7. 
SW1-0056, #8 x 3/4" PH Screw, 2 pcs

14. 
AD1-0010, LARGE ALCOHOL PREP PAD, 6 pcs

15. 
GP1-0005, Large Wiper Style Edge Trim, 306 in

19. 
ET1-0002, Edge Trim Tool, 1 pc

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STEP 2 - EDGE TRIM INSTALLATION (FRONT FLARE ONLY, SEE REAR INSTALLATION INSTRUCTIONS FOR REAR APPLICATION)

A) If painting flares, see section C of Step 1 - Prior to Installation. 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).

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.

NOTE: COLOR INSTRUCTIONS AVAILABLE ONLINE AT "BUSHWACKER.COM".

Front Flare Installation Procedures (Driver's Side)

Using a car jack, lift vehicle from the ground and place jack stands under lower control arms to prop up during installation. Remove tire using an impact wrench.

Using a #2 Phillips Screwdriver, remove factory screws from upper side cladding (2 places).
For models with rocker panels installed, remove screw from end of rocker panel (1 place).

(Note: For models with Rocker Panels installed)
Using a #2 Phillips Screwcriver, remove screw from rocker panel in rear wheel well.

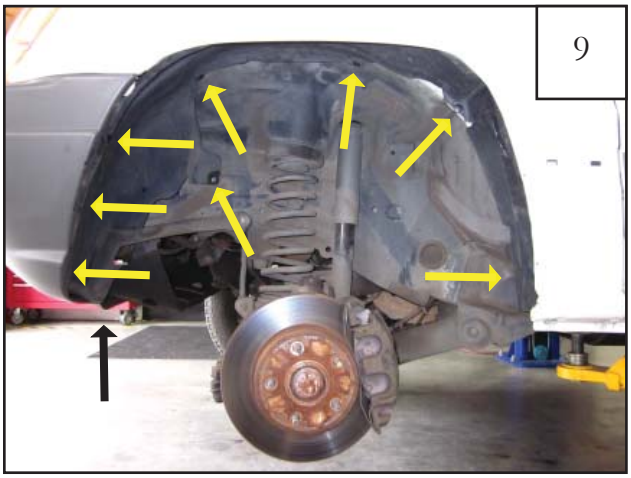
(Note: For models with Rocker Panels installed)
Open front and rear doors. Using a pry tool, remove retainers along top of rocker panel.

(Note: For models with Rocker Panels installed) Remove rocker panel and clean exposed sheet metal.

Using a pry tool, separate the factory front side cladding from the sheet metal along the bottom taped edge.

Pull firmly to remove upper factory fasteners in front side cladding piece from fender. Clean exposed sheet metal.

Using a pry tool or utility knife, remove factory fasteners from wheel well splash shield (9 places).

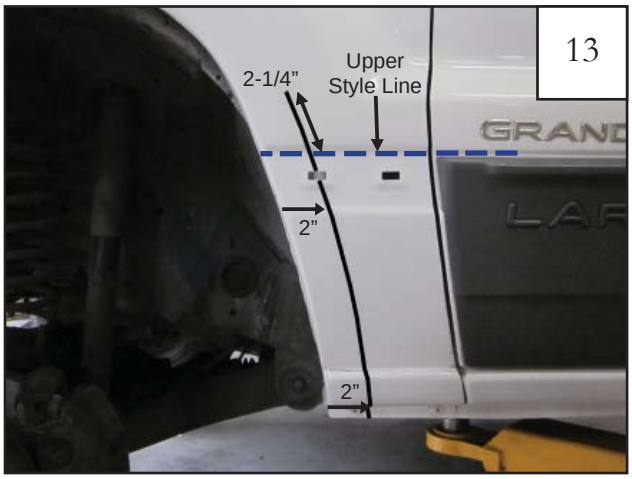


Splash shield fastener locations.

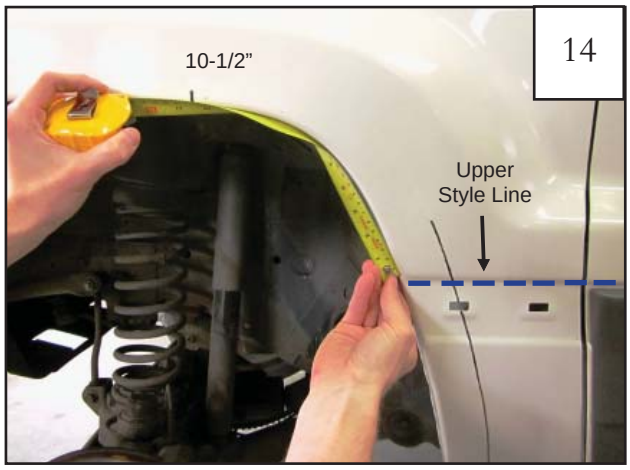
Remove splash shield and push sound dampening foam back into inner wheel well behind the fender. NOTE: If debris is present in inner wheel well, remove before continuing installation.

Using a 10mm socket and ratchet, remove factory screw from top of front bumper. Retain screw for re-installation.

Push front bumper forward away from wheel well to release from factory installed clip in fender.



Mark vehicle for cutting: Make a line 2” in from the edge of the wheel well extending from the bottom of the sheet metal pinch weld to 2-1/4” above the upper style line at cladding sheet metal.

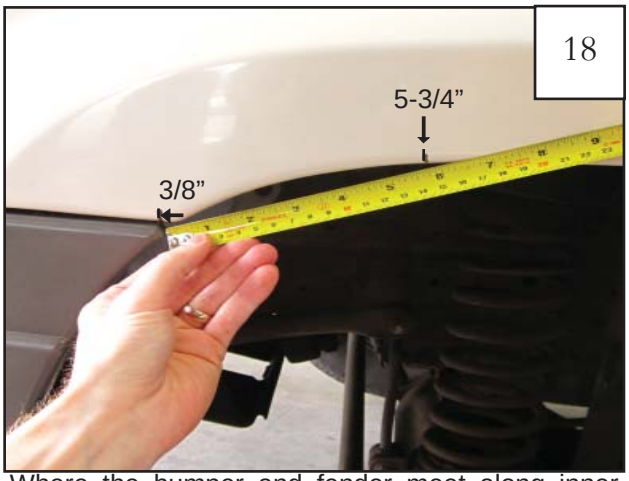


Starting at upper style line, measure up 10-1/2” from upper style line of cladding/sheet metal along edge of wheel well and mark with grease pencil.

Hold the flare up to the fender as a guide. Make a line connecting the marks made in steps 13 & 14.

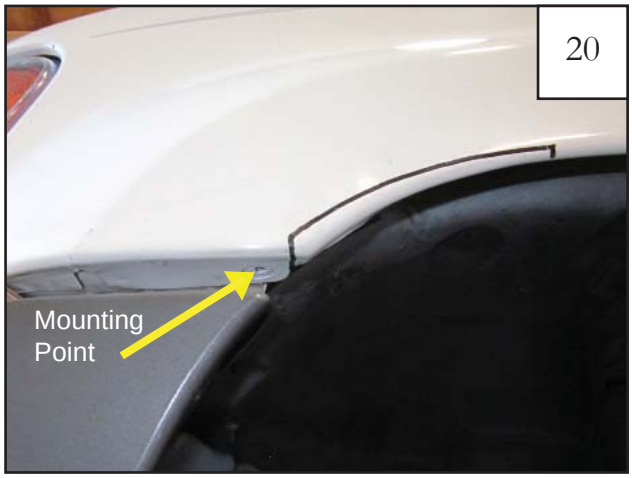
Markings should be as shown.

Mark vehicle for cutting: Make horizontal marks from wheel well to line drawn in previous steps about two inches apart as shown in picture. Make marks closer together around tight corners and style lines.



Where the bumper and fender meet along inner wheel well, make a mark 3/8” in from wheel well. Then measure back 5-3/4” along edge of fender and mark.

Hold the flare up to the fender as a guide. Make a mark connecting the two marks made in step 18.



Markings should be as shown.
NOTE: Marking should not cut out mounting point. This is needed to re-attach bumper.

Make a mark approximately 1/4” in from the edge of the wheel well lip starting at the bottom of the wheel well extending to the uppermost point of the markings.

Using a cut off wheel or other suitable tool, cut along line marked in step 21 removing the inner flange.

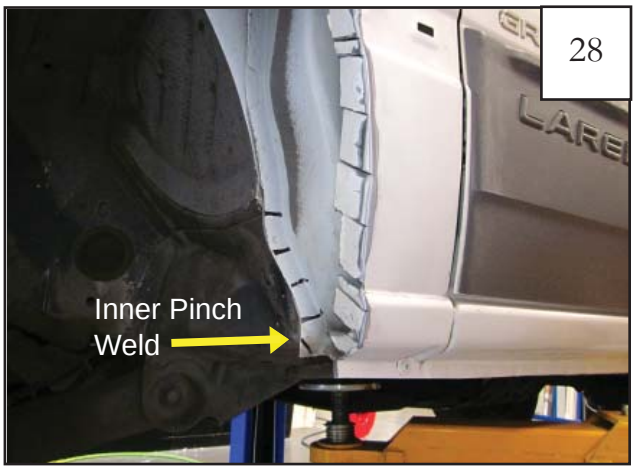
Using a cut off wheel or other suitable tool, cut along horizontal marks from wheel well to inner cut profile line.

Using cut off wheel remove section containing bolt at the bottom pinch weld of fender. See step 25 for illustration of section to be removed.

Removed section of bottom fender pinch weld with bolt.

Use pliers to bend back horizontal sheet metal tabs. Use a hammer to flatten out sheet metal tabs. Avoid bending or distorting outer sheet metal.

Using an angle grinder or sandpaper, sand the chipped paint along bent edge of the wheel well.



Mark the inner pinch weld with 5 lines appoximately 2 inches apart starting from the bottom.

Using a cutoff wheel or other suitable tool, starting at the bottom line, cut horizontal marks in the pinch weld.

Using a hammer, pound the tabs made in the inner pinch weld flat against wheel well.

Use a small wood block to prop the bumper away from the fender in preperation for sheet metal trimming.

Starting at the front edge, cut out mark shown in Step 20.
NOTE: Do not cut out the mounting point located at the front of the cut line.

Using an angle grinder or sandpaper, sand the chipped paint along cut edge of the wheel well.

Hold flare up to wheel well to confirm fit. Make adjustments to cut as needed.

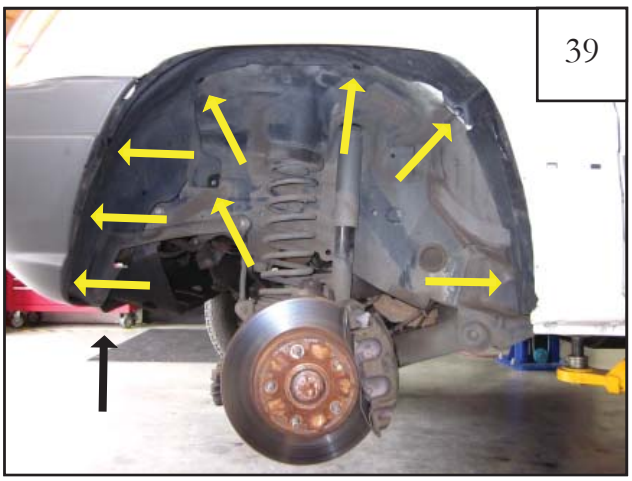
Apply urethane caulking or primer to seal any exposed sheet metal for rust prevention.

Completed cut-out with caulking applied.

Using a 10mm socket & wrench, re-install factory screw attaching bumper to fender.

Re-install splash shield using supplied panel retainers (RV1-P008). See next step for retainer locations.

NOTE: Do not fully install panel retainers. Splash shield must be remolded. See step 40



Splash Shield retainer locations (9 places).

Using a heat gun, heat splash shield until pliable and use heavy work gloves to push and mold splash shield into place aligning with trimmed inner wheel well. Hold it in place and allow to cool. Then fully install push retainers in splash shield.

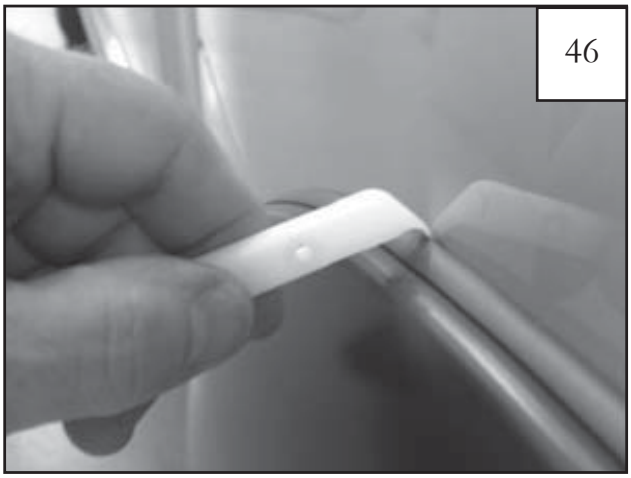
Hold flare in place on vehicle, mark hole locations on fender through holes drilled in pockets of flare.

Using a 3/16” drill bit, drill holes marked in step 41.

Install a Torx screw (SW1-0045) through **FRONT** pocket hole of flare and secure with rubber spacer **(SP1-0011)** using supplied #45 Torx bit (SW1-0052). The torx bit fits into a 5/16” socket. Use with a 3-6” extension for drill or air ratchet. Drive screw into spacer until tight.

For all remaining pockets, install a #45 Torx screw (SW1-0045) through pocket hole and secure with rubber spacer **(SP1-0009)** using supplied #45 Torx bit (SW1-0052). Drive screw into spacer until tight. Repeat for all remaining pockets.

Hold flare in place on fender. Using the provided torx bit driver and ratchet with 3” extension, start each screw into drilled holes.

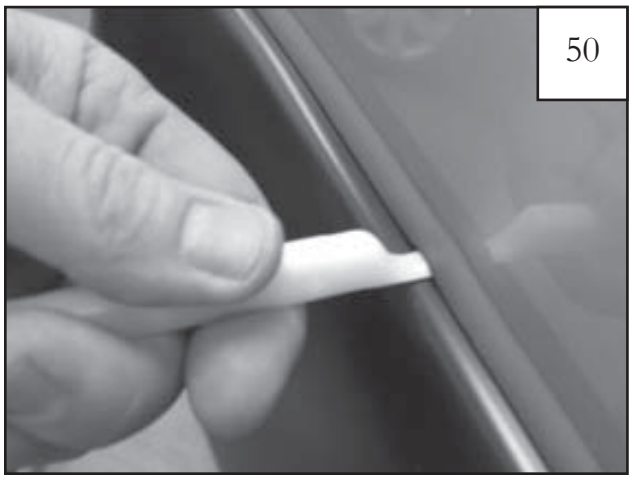


Using supplied Edge Trim Tool (ET1-0002), seat edge trim against vehicle by hooking curved end under edge trim at one end of flare. Next, slide around outer edge of flare to the other end. You should repeat this process once screws are tightened.

With the edge trim in place and once all screws have been started, snug screws to vehicle. Torque screws to 24 in•lb (2 ft•lb). DO NOT OVERTIGHTEN!

Using a 3/32” drill bit, drill hole through flare into sheet metal near the back inside edge of the wheel well.

Using a philips screwdriver, install supplied screw (SW1-0056) into hole drilled in step 47.



Using flat end of supplied Edge Trim Tool (ET1-0002), seat edge trim against flare by inserting straight end between edge trim and flare at one end. Next, slide around entire edge to the other end.

Re-install tire using an impact wrench.

Completed front flare installation.