



V2 Jeep Cherokee XJ
Cut Out Fender Flare - Installation Guide

1984-1996 XJ Four Door, Two Door, and MJ
1997 – 2001 XJ Four Door, Two Door



V2 Jeep Cherokee XJ 4 Door Installation Guide

Thank you for the decision to use Napier Precision Products V2 Fender Flares. We believe that the V2 Fender Flare is the toughest and best looking fender flare available.

During the installation process you may find that your situation is not identical to what is described in this *Installation Guide*. Adjust as needed to work with your situation.

**Please, be safe and double check each step.
Read this *Installation Guide* before beginning.**

General Guidelines:

- These fender flares are custom made.
 - Inspect them carefully to make sure they meet your expectations.
 - There will be an occasional nick, scuff, or scratch.
 - Removing sheet metal from around the wheel wells is required.
 - Trimming these fender flares to fit your vehicle is required. Variations in the body of the Jeep due to age, body work, and use prevent a perfect fit.
- Read this *Installation Guide* before starting the install.
 - Call or email if you have any questions.
- Be safe and don't rush. This is going to take some time so make appropriate plans
 - Opening up the fender wells, fitting and installing the new fender flares generally can take around 8-12 hours with good tools and average abilities.
- Paint: Painting the flares maximizes UV resistance. If you decide to paint the fender flares, then do that after they have been fit to the Jeep Cherokee but before the final installation..
 - See the General Paint Information on the last page.
- Wear safety glasses, face shield, gloves and other protective equipment as needed.
 - Know how to use the tools and make sure they are working properly.
 - Be safe. Follow all necessary safety procedures.

www.NapierPrecisionProducts.com

Contact Assistance: <jdougn@napierprecisionproducts.com>

502-727-8348 Eastern Time 9:00am - 5:00 pm, Monday thru Friday

Parts List

Cherokee XJ 4 Door

- Two (2) large fender flares for the front
- Two (2) medium fender flares for rear quarter panels
- Two (2) small fender flares that mount to rear doors
- 38 S/S Torx screws with S/S washers and Rubber spacers
- Edge Trim 20'+-
- Installation Guide

Comanche MJ / Cherokee XJ 2 Door

- Same as above except for rear flares
- Two (2) large rear flares

INSTALLATION GUIDE

Suggested Tools & Materials:

- safety glasses
- utility knife
- jack stand/s
- socket set
- jig saw or reciprocating saw with fine tooth metal cutting blade
- face shield
- pencil and marker
- small grinder
- locking pliers
- mechanics gloves
- masking tape
- drill & 3/16" bit
- hammer/s

GENERAL PREPARATION

(Pictures are from 84-01 Cherokees)

•Remove OEM fender flares

- Remove the tires.
- Some OEM hardware may be rusted and break off but this is not a problem.
- 97-01 XJs
 - Temporarily remove windshield washer bottle behind drivers side front fender.
 - The front & rear bumper caps must either be removed altogether or trimmed after the fender flares are installed.
- 84-96 XJs
 - Parts of the front air dam needs to be removed.
 - Temporarily remove the front bumper caps to allow for trimming the sheet metal that is lower than the top of the front bumper caps.

•General Placement of new fender flares.

- Apply masking tape around entire opening.
 - Protects paint
 - Provides an easy surface for marking cut lines.

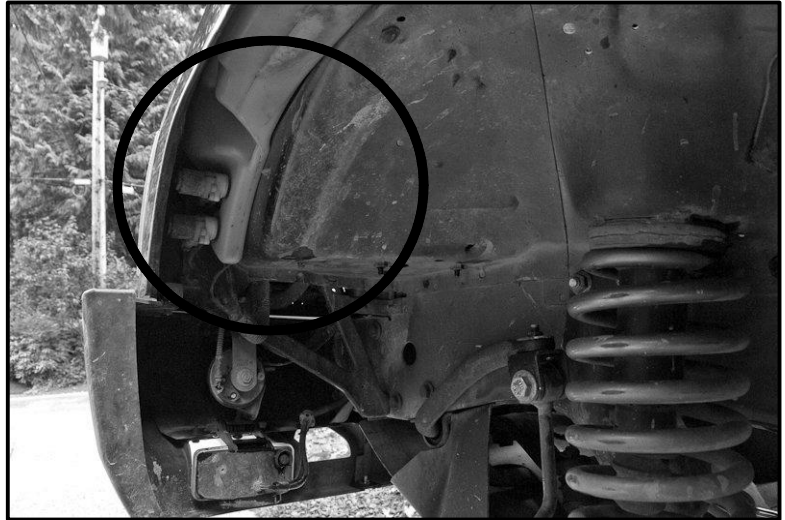
FRONT FENDER FLARES

- Initial preparation
 - Remove tire
 - Remove OEM trim
 - Detach the center brace

•Note: Use one of the supplied screws to pre-thread all holes in the sheet metal. This makes it much easier when mounting the fender flares.



- 97-01: Temporarily remove windshield washer bottle.
- Prevents cutting or drilling into the bottle.



- Temporarily hold fender flare in place using masking tape.
- Line up body line offset of Jeep with offset in fender flare
- Fender flares do not extend down as far as the OEM fender flares.
- Use a marker to draw a reference line on the sheet metal around the bottom of the fender flare.



- Protect the paint with masking tape when cutting..
- Cut about ½" above the line created in the step above.
- 84-96 XJ: the front portion of the fender extends behind the bumper cap. Trim all sheet metal below the bumper cap.
- Your cut line should be above the row of OEM mounting holes.



- Reattach center brace
 - Drill new hole if necessary

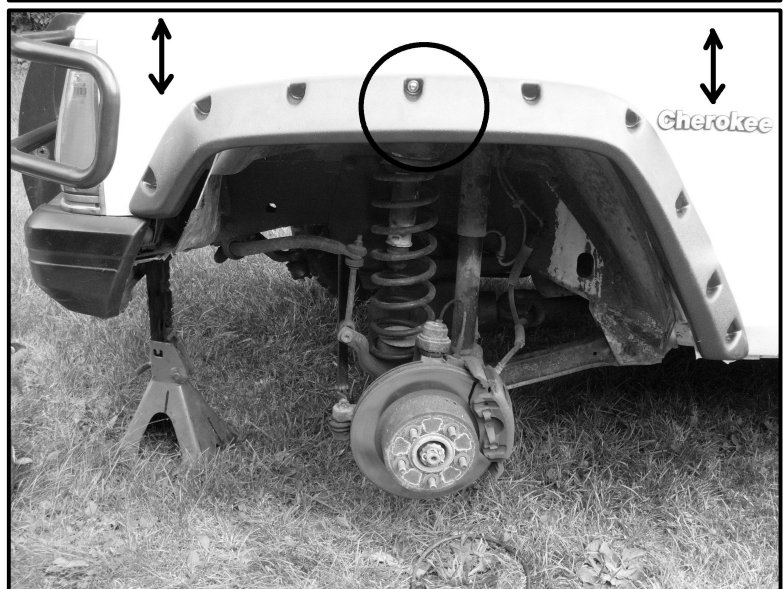
- (Opt) Use a hammer to bend over the pinch seam on the back side of the wheel well.

- Replace black wheel well liner

- Double check the fender flare fit
- Use masking tape to hold fender flare perfectly in position.
- Mark one hole only using a long drill bit or phillips screwdriver.

- Do not drill through the fender flare into the sheet metal.

- Remove the fender flare
 - Insert one screw & washer through the front of the fender flare with a rubber spacer on the back of the fender flare
 - Hardware order: Screw/Washer, Fender Flare, Rubber Spacer.
 - Drill one hole in sheet metal
 - Temporarily install fender flare
 - Position perfectly



- 97-01: Trim front bumper cap and molding as needed

- Fit fender flares to Jeep
 - Use a grinder to remove any high spots on the fender flares
 - The Edging will cover almost 1/4" if necessary..

- Double Check fit and alignment
 - Mark remaining holes



- Insert all screws/washers with rubber spacer behind the fender flare
- Attach Edge Trim
 - Install to top edge only.
 - Start with longer sections first.
- 97-01: Replace windshield washer bottle



- Final install
 - Remove any masking tape
 - Install all screws in fender flare
 - Do not over tighten screws as this may cause the edge trim to buckle.



REAR FENDER FLARES

- Initial Preparation
 - Remove tire
 - Remove OEM trim
 - 97-01: remove bumper cap
 - On the 4 door XJ, the short flare will mount to the door.
 - The screws on the door flare will project through the door flange and be visible on the back of the door.
- NOTE: The sheet metal around the rear fender flare is part of the unibody construction. Do not cut out the spot welds around the rear wheel well.
- Apply tape around opening
- Use masking tape to temporarily hold fender flares in place
 - Line up the offset in the body line with the offset in the fender flare
 - The fender flare on the door comes almost to the bottom of the door
 - The fender flare on the rear fender does not extend down as far as the OEM fender flare
 - The two fender flares should appear level and straight
- Use a marker to draw a line around the bottom edge of the fender flares.
 - Mark another line about $\frac{1}{2}$ " above the first line. This is the Reference Line.
 - The Reference Line (dotted line in diagram) is NOT the cut line
- Identify the spot welds. They appear as small round indentations
 - Draw a line just below the spot welds.
 - This line is the cut line (solid line in diagram)



- Cut away the sheet metal below the spot welds. Do not remove the sheet metal with spot welds.

- Cut radial lines that extend to the Reference Line created above

- Make more radial cuts in the corners of the wheel well.

- NOTE: The spot welds hold the unibody construction together. Do not remove the sheet metal with the spot welds unless the sheet metal is welded back together.

- Using a hammer, bend the tabs created by the radial cuts

- If too much force is required cut additional tabs

- Primer & paint all cut edges. Use a quality Urethane Caulk to seal any gaps.

- One fender flare mounts to the **rear quarter panel**. The other fender flare mounts to the **door**.

- Tape fender flares perfectly in place with masking tape.

- Make sure fender flares appear level and straight

- Mark one hole through to sheet metal in each fender flare.

- Remove fender flare

- Drill hole with appropriate sized drill bit, 3/16"

- Install only one screw in each fender flare.

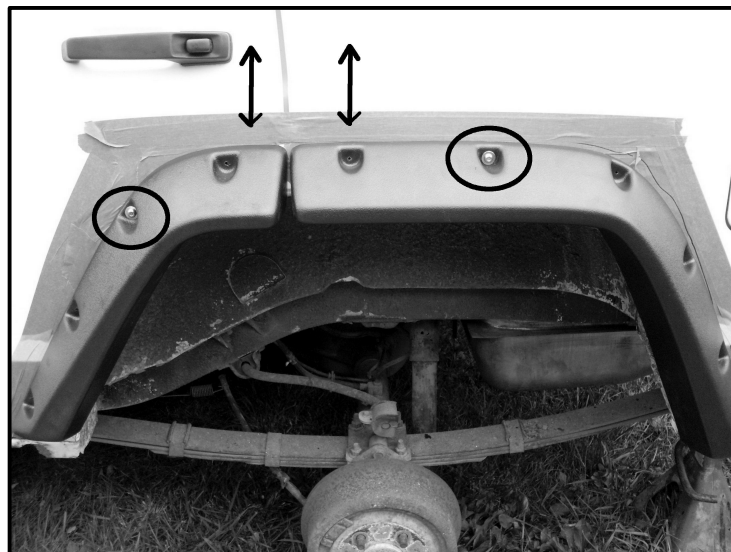
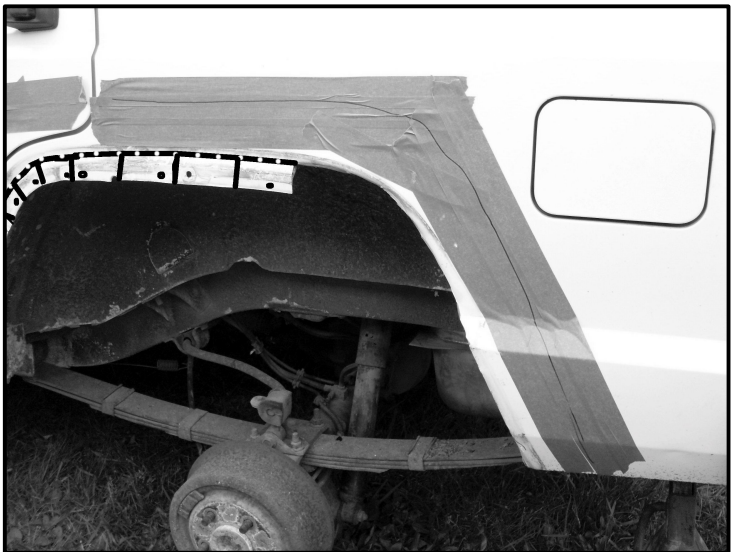
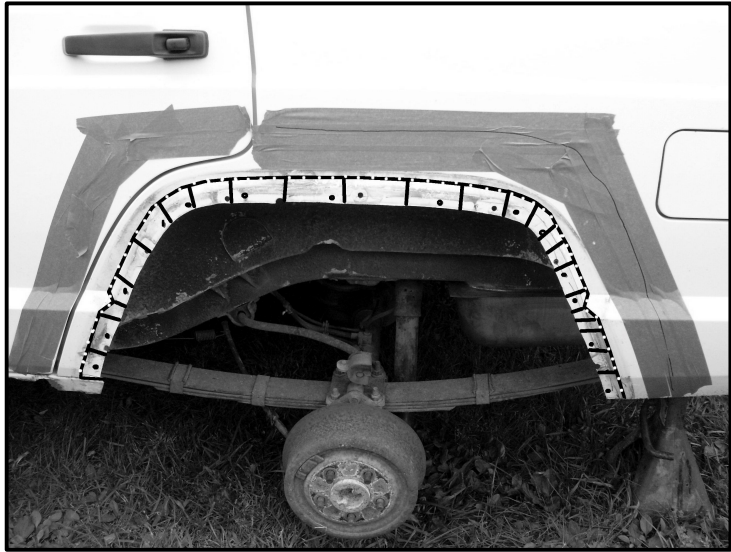
- Hardware order:

- Screw/Washer, Fender Flare, Rubber Spacer.

- Position fender flares perfectly

- Step back from the Jeep and confirm position.

- Adjust as needed



- Mark remaining holes through fender flares to sheet metal
 - Remove fender flares
 - Drill remaining holes
- Final install
 - Remove any masking tape
 - Install all screws/washers with rubber spacer behind fender flare
 - Do not over tighten screws



Install your new fender flares on all four corners, then you're done! Enjoy the look and improved performance of your Jeep Cherokee with the new fender flares!

Contact Technical Assistance: <jdougn@napierprecisionproducts.com>
502-727-8348 9:00am - 8:00pm Eastern Time, Monday - Saturday
www.napierprecisionproducts.com

Return Policy

- *If you don't like what you see when you receive your order feel free to contact us for a return authorization.*
- *To receive a full refund, all items must be returned including the installation guide and any related hardware or edge trim.*
- *Items must be returned in original protective packaging.*
- *The buyer is responsible for ensuring that the items are returned to Napier Precision Products in original sell-able condition.*
- *The items cannot have been installed, painted, trimmed, or be dirty.*
- *Refund will be made using the same method as payment. Refund will be issued within 5 business days of the returned order being received by Napier Precision Products.*
 - *Buyer pays shipping costs.*
 - *Buyer is responsible for insuring the shipment.*
 - *Returns damaged in transit are the Buyer's responsibility.*

GENERAL PAINT INFORMATION

Painting the V2 Jeep Cherokee Fender Flares maximizes UV resistance and is not difficult. Here are some recommendations that have worked well.

Dupli-Color spray paint is readily available and has some products that work well in preparing and painting the ABS plastic fender flares. Any quality spray paint made for plastic should work. (Always follow the instructions on the products and paint you plan on using. They take priority over this general information.)

Preparation:

- Clean and dry the fender flares thoroughly.
- Use a “Grease & Wax Removal” product to clean the surfaces. Wipe with a lint free cloth.
- Use red Scotch Brite scuff pad on all areas to be painted.
- Wipe of any dust with a lint free tack cloth.
- Repeat this process if there is any doubt that any finger prints, grease, oil, or residue remain.
- Use dry compressed air to remove remaining dust.

Prime/Paint

- Use a plastic adhesion promoter as a primer.
- Use any paint designed to work with plastic.

If there are any questions about painting these fender flares please consult the product details for that specific product.