

# JEEP WAGONEER FENDER-CUT PARTS INSTALLATION

## PAINTING

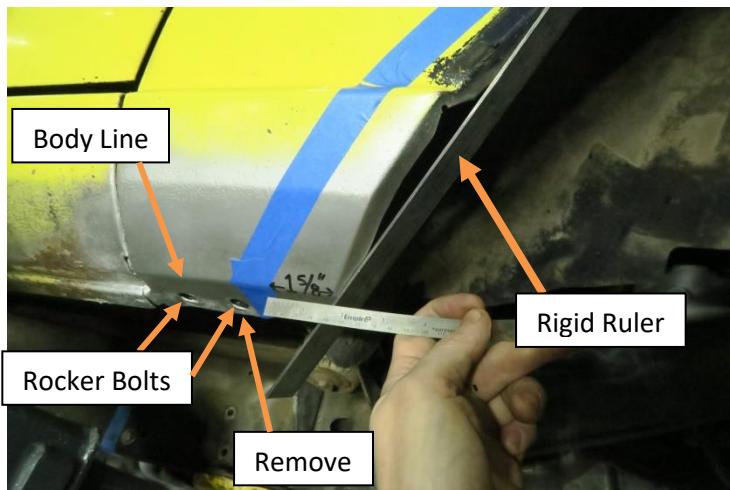
- Wipe all surfaces to be painted with high grade degreaser
- Apply plastic primer that is suitable for TPO
- Scuff and shoot with Automotive Paint

## BODY PREP AND CLEAN-UP (IF NECESSARY)



Remove any wheel trim, chrome, and/ or body molding from around the wheel openings and clean the area of the wheel well lip. Sand off any rust and seal with a good quality metal primer.

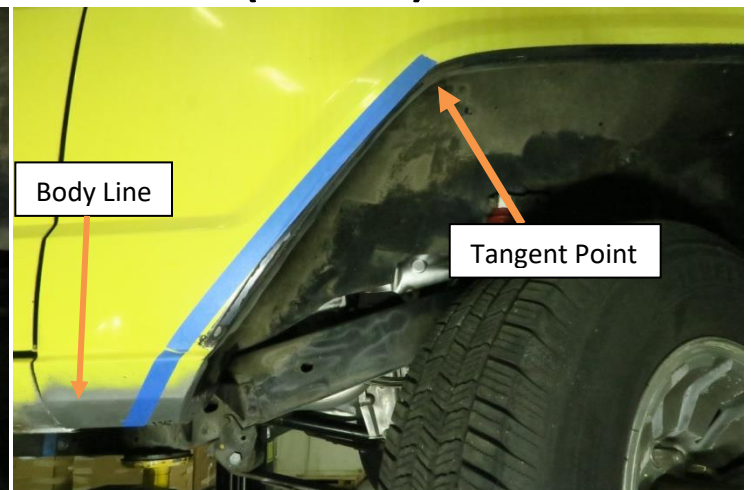
## VEHICLE PREP FOR CUTTING (FRONT)



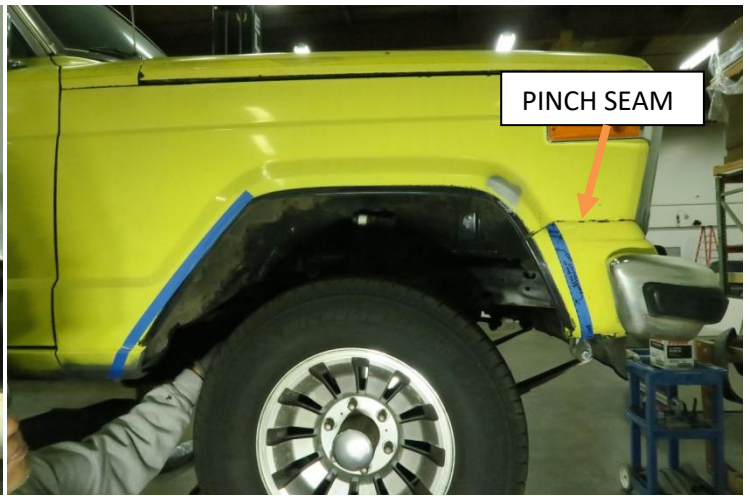
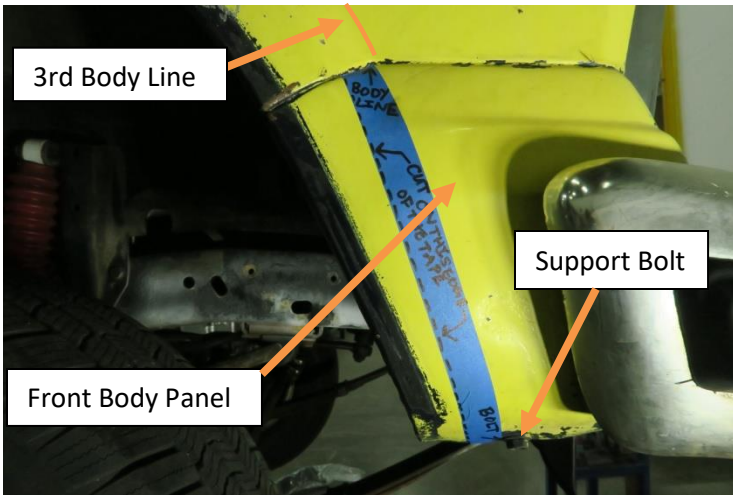
Remove the Rocker Bolt and factory "J" nut that is closer to the wheel opening, discard.

Hold a rigid ruler against the wheel lip and mark a line 1-5/8" from ruler at the body line above Rocker Bolts. (Magnets are very useful here, because they don't move around like a friend may)

Run a piece of tape from here going down to the edge of the fender.



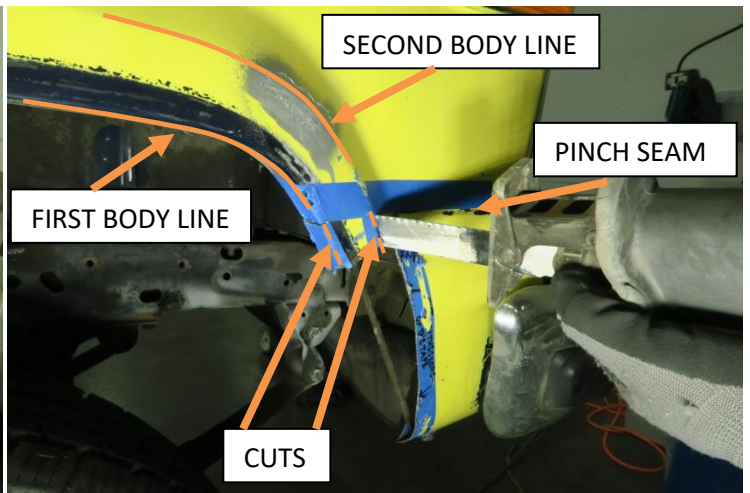
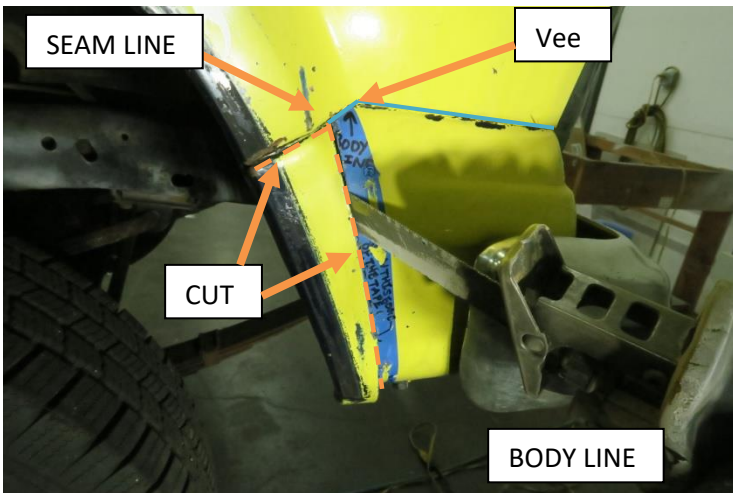
Run a tape line from the piece in last step up to a point tangent to the wheel opening.



Run a piece of tape on the Front Body Panel with the outer edge starting at the 3rd Body Line in Fender to a point just behind the Support Bolt.

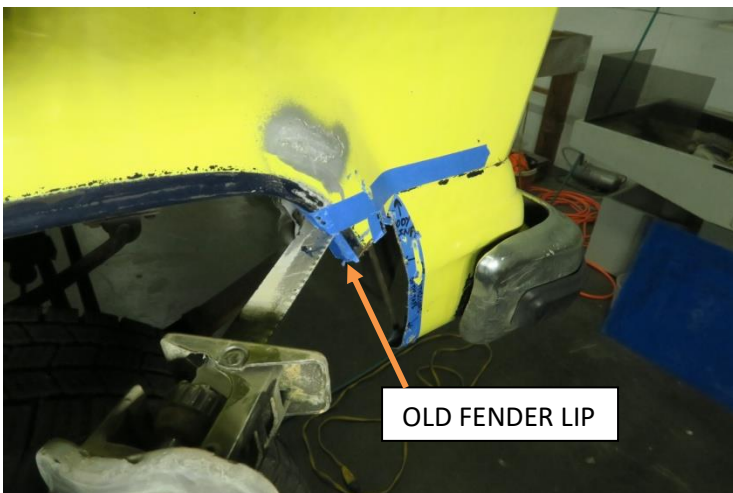
This image shows the preliminary alignment tape in place.

## CUTTING FRONT



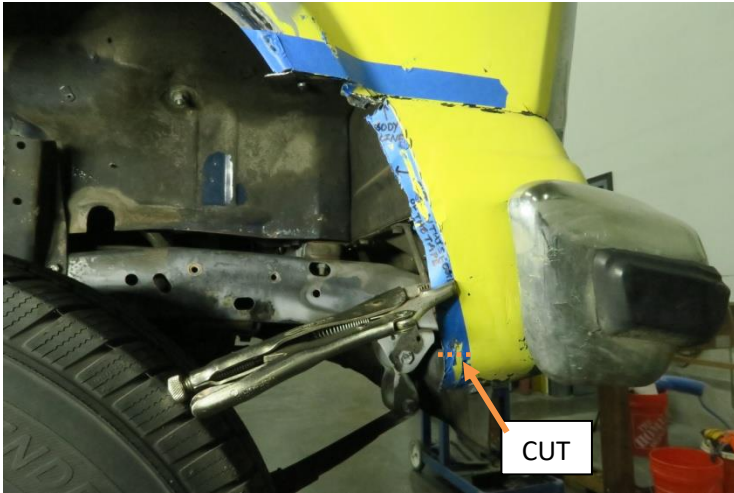
Cut Front Body Panel along the wheel well side of tape. Then cut at the seam line from the wheel well to the "Vee". Remove the piece that falls away. (Discard)

Run tape on the Fender from the Pinch Seam to Wheel Well Opening. Cut along First and Second Body Lines up to the lower edge of tape.



Cut along lower tape edge to First Body Line. remove old Fender Lip. (Discard)

Bend metal under to make horizontal face.



Make a 3/4" cut in the middle of the radius above the Support Bolt across the width of the tape.



Bend the metal in at the width of the tape. Fold all the way along the tape to make a new Lip.



Cut horizontal slices in the rear of the Fender from the wheel well to the edge of tape at the approximate locations in this image. Take care to stay clear of the 'Hole Location' area, and any spot welds.



Bend the original Fender Lip flanges out to be parallel with the faces of the Fender, creating tabs.



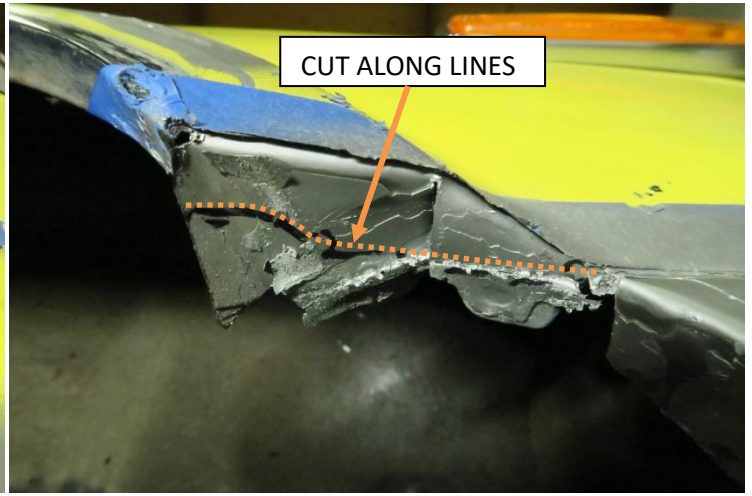
Bend tabs at the tape edge inward to make a new Fender Lip. Hammer tabs flat to lay flush against the metal wall.



Cut off the little piece remaining from bending the tabs. (Discard)

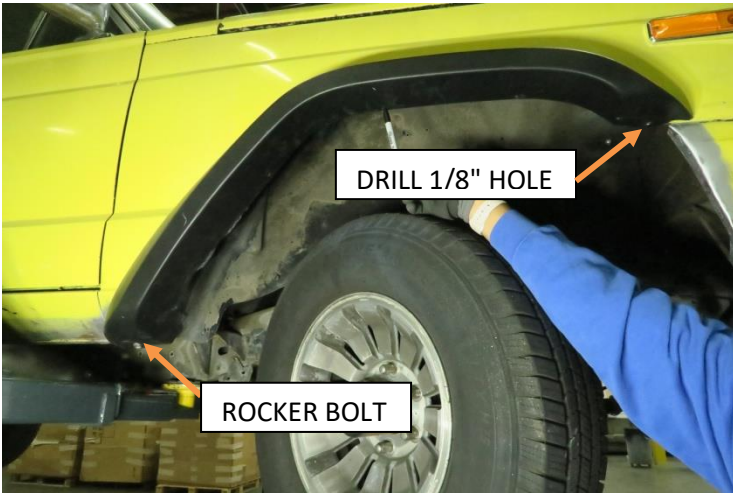


Hold Part in position at the front and mark the metal where it hangs past the edge of the Part.

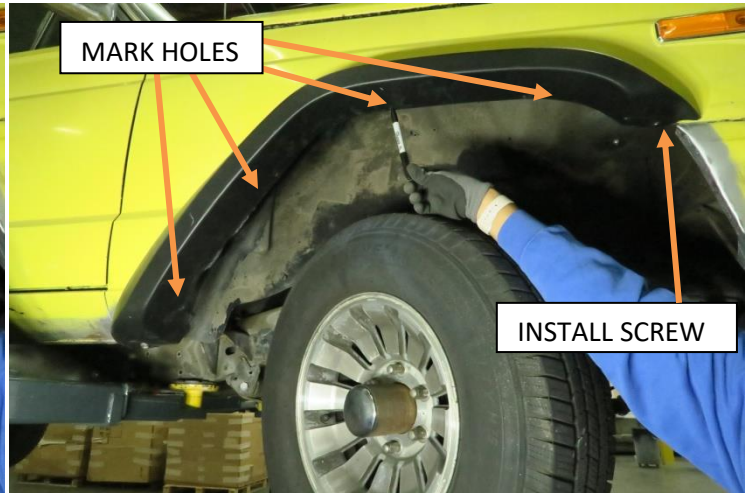


Cut excess material away from bent metal along the marked lines.

## FRONT PART INSTALLATION



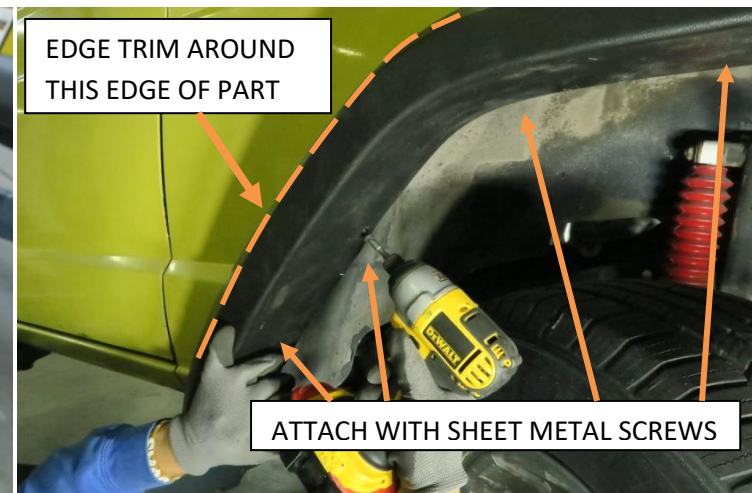
Hold part in position on vehicle and install Rocker Bolt through the hole in part. Hold the front tip in place aligning it with the Pinch Seam and drill 1/8" hole in the bent metal through the hole in the Part.



Fasten in place with supplied sheet metal screw. After Part is securely held by these two Fasteners, Push Part firmly against the Fender and mark the Fender Lip through the 4 other hole locations in Part.

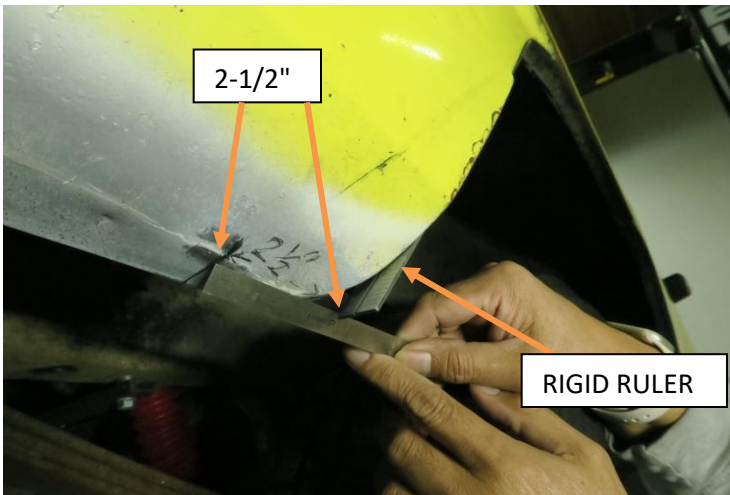


Remove Part from Vehicle and use 1/8" drill bit to create holes at the 4 marks made in the previous step. (Install Edge Trim to the Part during this step.)



Align Part with Rocker Bolt and the front fastener as before, then run the remaining 4 screws into holes made in last step. FRONT INSTALLATION COMPLETE!

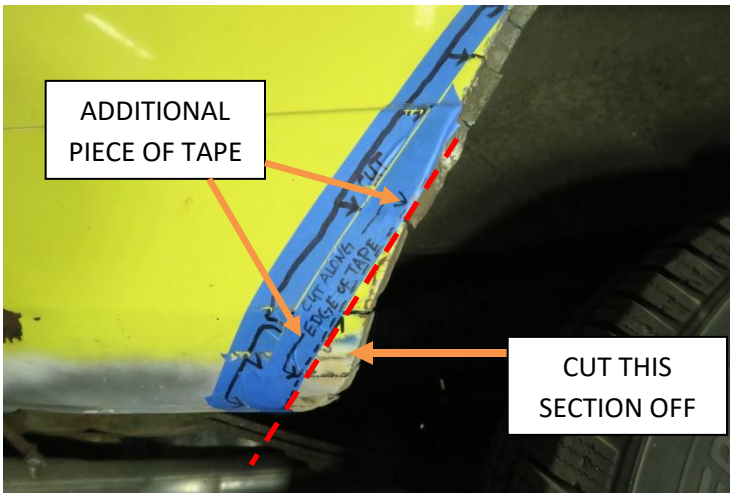
## VEHICLE PREP, CUTTING, and INSTALLATION (REAR)



Hold a rigid ruler against the rear face of the Rear Wheel Lip and mark a line 2-1/2" from rigid ruler (Magnets are very useful here, because they don't move around like a friend may)



Run a tape line from mark made in last step up to a point tangent to the wheel opening.



Put another piece of tape next to tape applied in the last step. Cut on wheel well side of this tape. (Discard the resulting teardrop shape)



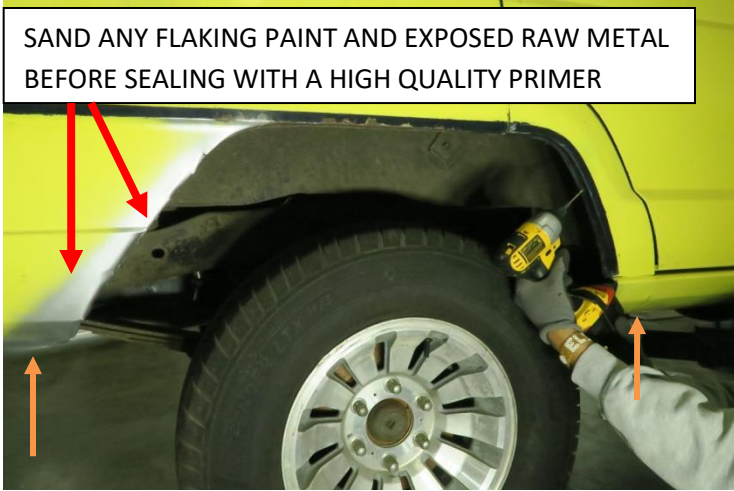
Cut horizontal slices in the rear of the Rear Fender at the approximate locations in this image.



Bend tabs inward to create the new Fender Lip

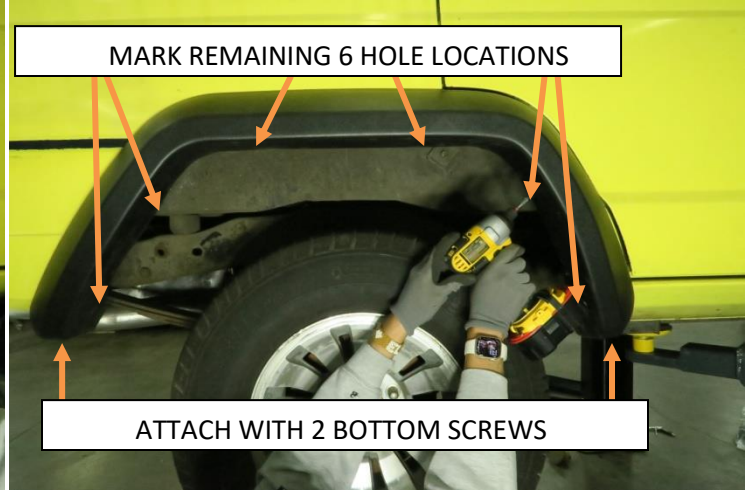


Hold Rear Part in position on vehicle and mark the Vehicle through the bottom 2 holes in Part.



SAND ANY FLAKING PAINT AND EXPOSED RAW METAL BEFORE SEALING WITH A HIGH QUALITY PRIMER

Remove Part from Vehicle again and use 1/8" drill bit to create holes at the 2 marks made in last step



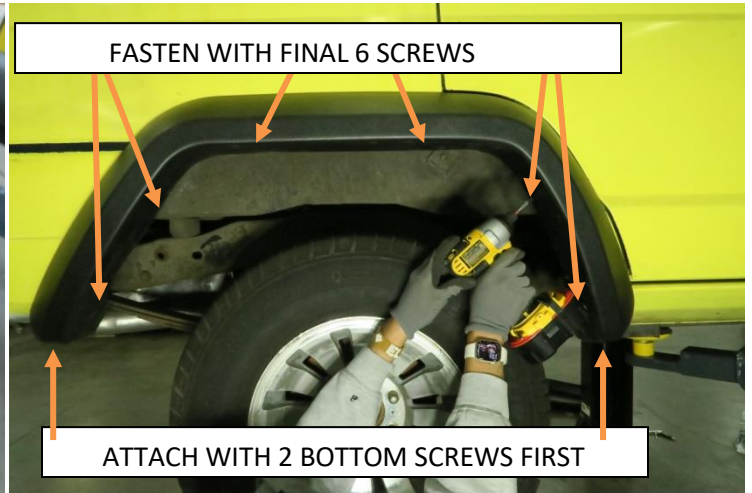
MARK REMAINING 6 HOLE LOCATIONS

ATTACH WITH 2 BOTTOM SCREWS

Put Rear Part back on vehicle. Secure with screws through holes made in last step, and mark remaining 6 hole locations through the holes in the part.



Remove Part from Vehicle and use a 1/8" drill bit to create holes at the 6 marks made in last step. (Install Edge Trim to the Part during this step.)



FASTEN WITH FINAL 6 SCREWS

ATTACH WITH 2 BOTTOM SCREWS FIRST

Install the lowest 2 screws. Then while pushing Part firmly into place fasten Part to vehicle with the remaining 6 screws into holes made in last step.

# INSTALLATION COMPLETE!