

Time Required: 90-120 mins

Difficulty: 6/10

Tools Required:

¼” Drill bit

7/16” drill bit

½” box end wrench

½” ratcheting wrench or socket on low profile ratchet

Phillips head screw driver

(optional)

¾” or ½” drive ratchet

14mm socket 17mm socket

Please read all instructions carefully before beginning installation. If you do not have the technical or physical knowledge or tools necessary to perform this installation STOP! Please contact us via PM on XterraNation.org or email at info@engineeringPP.com and we will do our best to assist you in finding a qualified installer. Thank you. Be safe.

- (1) Remove OE plastic corners
 - a. Remove 3 screws from inner wheel well.



b. Remove 2 screws from under the hatch



- c. Remove lower support attached to pinch weld at bottom of truck



OE Plastic corner should now pull off vehicle from the tabs located under the tail light and along the top side panel.

- (2) Remove plastic panels inside hatch.
 - a. Remove hatch sill trim piece



- b. Remove plastic push pin from rear of panel, and Phillips screw from small pocket at front of panel.



c. Pull out panel while undoing clips along seam between upper and lower trim panels



(3) Drill Holes on Pass. Side for Inner mounting plate

a. Before removing the vent plate center punch through the 2 top holes in the plastic plate, then drill through the sheet metal of the body with the 1/4" drill bit. They contain no fasteners of any kind. These holes will be used to secure the structural inner panel for your new P&P metal corners.

b. Clip or removed the 2 white nipples in the lower corners of the plastic plate, remove the plate and the entire white nipple from the body of the truck.

c. drill all 4 holes out to final size with the 7/16” drill bit.



d. Drill the 2 holes out on the pinch seam that held the original corner support bracket using a 7/16” drill bit.



(4) Place structural inner panel into pocket between inner and outer body sheet metal through the access hole in the rear hatch. Make sure the two welded nuts are facing down. Loosely place 2 bolts with washers through the holes drilled in the sheet metal of the truck and thread them into the nuts welded to the structural inner panel.



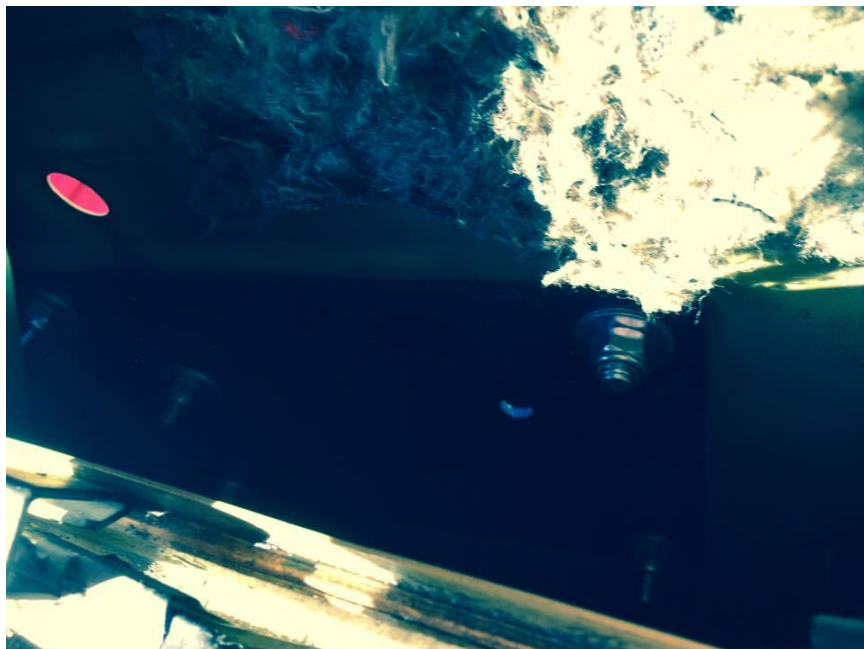
(5) Put 2 more bolts with washers through the upper 2 holes. Have your lovely assistant place and hold a washer and lock nut on the back of these 2 bolts and tighten.



- (6) Install corner
a. Bend lip down.



- b. Put 2 bolts with washers through the upper mount in the middle of the corner then through the structural inner panel. Have an assistant loosely add a washer and lock nut to the two bolts through the hatch.



c. Put 2 bolts with washers through the lower mount in the corner then through holes drilled out in the pinch seam. Loosely add a washer and lock nut to the two bolts through the hatch.



d. Install 2 screws in the rear hatch panel

e. Install 2 screws in the inner wheel well

f. tighten bolts through pinch seam

g. using a long box end wrench to hold bolt heads through the upper mount have an assistant tighten the nuts accessible through the hatch.

(7) Drill holes for Driver side corner

- a. Measure 4" from body line lip and mark hole locations in the middle of the two protruding ridges.



b. drill the two marked holes with the 7/16" drill bit and bolt the inner structural panel to the *outside* of the vehicle.



c. mark the 4 corner holes through the inner structural panel onto the sheet metal of the vehicle as shown in the figure above.

d. remove inner structural panel and drill the marked holes first with a 1/4" drill bit to create a pilot hole, then a 7/16" final hole. The result should look like the following:



e. Drill holes in lower pinch seam that originally held plastic corner retaining bracket to 7/16"

(8) Install Driver side corner

a. Place structural inner panel into pocket between inner and outer body sheet metal through the access hole in the rear hatch. Place 4 bolts with washers through the corner holes drilled in the sheet metal of the truck loosely place washers and nuts on through the access in the hatch.

b. Insert bolts with washers through the upper mount in the corner then install through the 2 holes in the sheet metal on the raised ridges. Loosely install washers and nuts from the access in the hatch.

c. Insert bolts with washers through the lower mount in the corner then install through the 2 holes in the pinch seam. Loosely install washers and nuts from the back.

d. Install 2 screws in the rear hatch panel

- e. Install 2 screws in the inner wheel well
- f. tighten bolts through pinch seam
- g. using a long box end wrench to hold bolt heads through the upper mount have an assistant tighten the nuts accessible through the hatch.
- h. using a long box end wrench to hold bolt heads through the four corners of structural inner panel and have an assistant tighten the nuts accessible through the hatch.

The finished product should look similar

