

Rhino Fender Flare Instructions

Qty.	Parts
8	Fender Flare Pieces
24	1/4"x 3/4" Screws
27	1/4" Lock Nuts
27	1/4" Flat Washers
7	1" OD Flat Washers
2	1/4"x 1 1/4" Screws
4	#14 Pan Head Screws



Tools Needed

Philips head screw driver

7/16" Wrench

Drill

3/16" Drill Bit

1/4" Drill bit

Front Flares

Start installing the flares at one of the fronts first.

You will be drilling three holes in each section all spaced out equally. The placement of the holes is not extremely important as long as they are spaced out equally and there is a good flat surface on both parts that you are drilling thru.

Place front fender flare with the top lip under the hood/fender; align the front edge of the flare with the front of the fender as seen in Fig. 1

While holding the flare in place drill one $\frac{1}{4}$ " hole right in the middle of the arc the fender makes going front to back about $\frac{3}{4}$ " up off the edge of the fender. You will be drilling thru the fender and the flare at the same time.

Once the hole is drilled install (1) $\frac{1}{4}$ " screw and install a flat washer and lock nut on the back. Do not tighten yet.

Hold the flare back in place and drill two more holes thru the fender and flare about $1\frac{1}{2}$ " from each end and $\frac{3}{4}$ " from the edge of the fender.

Tighten all three screws.

With your $\frac{3}{16}$ " drill bit, drill the two rivets out that hold the floor to the side roll bar. Drill slowly. What you're trying to do is basically cut the top portion of the rivet off and then you will knock the rivet on into the roll cage.

Get the lower front flare for that side and hold it up against the roll bar with the top edge underneath the front top flare. Once you have it where you want it, hold the tab at the bottom of the bottom flare against the floor panel side support and drill (1) $\frac{1}{4}$ " hole thru flare and then thru the panel. See Fig. #3 (Figure 3 is of our old flare on the right side, there are now two screws to mount in the passenger side. On passenger side install two of the $\frac{1}{4}$ "x $1\frac{1}{4}$ " screws spaced equally on the mounting tab, large flat washers thru the flare and the side panel and then put a small flat washer and lock nut on the on. On the drivers side use (1) $\frac{3}{4}$ " bolt, large washer, flat washer, lock nut on the part of the lower front section.

Mark the two holes on the flare to match the two rivets holes in the Rhino's floor section that you just drilled out.

Drill two $\frac{1}{4}$ " holes in the bottom front flare where you marked them.

Install two of the #14 Phillips head screws and 1" OD washer thru the flare and into the holes in the roll bar.

Repeat for other side.

Rear Flares

Start at the bottom rear flare on either side. Again slide the flare under the edge of the lower rear fender area behind the roll bar. Basically repeat the same process you used on the front flare as far as drilling the holes and mounting it to the lower rear fender.

When placing it in place to drill align the recessed area for the lower rear fender and the fender flare as in figure #4. Install three $\frac{1}{4}$ " screws, flat washers and lock washers. Go ahead and tighten them up.

Get the top back rear fender flare section and again slide it under the top edge of the upper rear fender and slide it forward so that it overlaps the section you just installed as in figure #3.

On this section make sure you have a good flat surface under the edge of the fender and where you are going to drill the hole on the flare itself.

Again drill (3) holes thru the fender and flare spaced equally apart, $\frac{3}{4}$ " off the edge of the fender and $1\frac{1}{2}$ " from each end.

Repeat on other side.



Fig. #1



Fig. #2



Fig. #3



Fig #4