



UTV & ATV Armor Kit Installation Tips

Thank for your purchase of this Ricochet Off-Road Armor Kit. All of our kits are custom designed to fit each model and should install hassle free with no additional modifications required. Please carefully read through all included instruction sheets before beginning your install.

The tips described on this sheet are general mounting tips that may or may not apply to your particular model, refer to the attached model specific instructions for a step by step mounting procedure.

If you do encounter a problem during installation please check the FAQ on our website or feel free to contact us by phone or email using the contact info at the bottom of this page.

Required Tools:

(refer to your hardware placement guide for bolt sizes)

Button Head TORX Bolts: (socket bit is highly recommended)

8mm bolts use a T-40 TORX bit

6mm bolts use a T-30 Torx bit

Hex Bolts & Nuts:

10mm bolts uses 17mm

8mm bolts uses 13mm

6mm bolts uses 10mm

1/4"-20 bolts uses 7/16"

Drill Bits:

While we try to avoid drilling whenever possible some models require one or two mounting points to be match drilled. When instructions call for a drilled mounting point use an **11/32"** bit to match drill through the mounting point on the skid plate only after the plate has been fully secured to your machine using the other hardware listed on your hardware guide.

Locking Nuts:

Most sets will include two types of locking nuts. Loose nuts are Nylock, and any nuts welded onto other hardware are pinch-style Stover lock nuts. It is highly recommended that you use a bit of Anti-seize or a drop of oil on the threads of the welded-on pinch style nuts, this will make the bolts go on and come off much easier.

Other helpful tips:

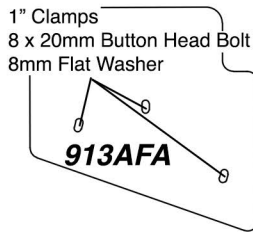
- Before you begin the installation organize all the included hardware according to the hardware placement sheet so you can quickly find the correct bolts and brackets when you need them.
- Install all bolts finger-tight at first until all hardware has been installed, this will give you maximum adjustability.
- When using the cupped washers to secure the plates to factory mounting points do not over torque the bolts because the threads can strip easily. If you do strip one out the simplest way to repair the thread is to use a 1/4"-20 x 5/8" self tapping bolt.
- You may find it easier to remove the rear tires when installing the rear a-arm guards, it's typically very tight and hard to see when the tires are left on.

Contact us at 1-866-273-1197 or dh_gibbs@comcast.net with any questions or concerns.

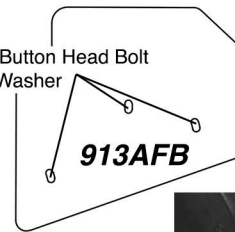
Hardware Placement and Mounting Instructions for P/N 9113

Fig. 2

6 x 20mm Button Head Bolt
6mm HD Flat Washer
#700-47 Nut Plate

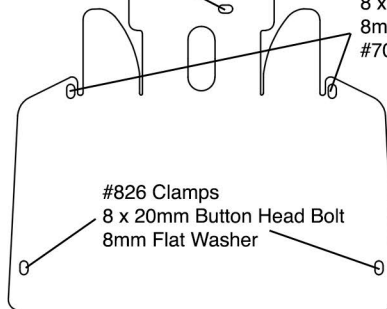


1" Clamps
8 x 20mm Button Head Bolt
8mm Flat Washer



#826 Clamps
8 x 20mm Button Head Bolt
8mm Flat Washer

8 x 30mm Button Head Bolt
8mm Flat Washer
#700-15 Nut Plate



#826 Clamps
8 x 20mm Button Head Bolt
8mm Flat Washer

8 x 20mm Button Head Bolt
8mm Flat Washer
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#826 Clamps
8 x 20mm Button Head Bolt
8mm Flat Washer

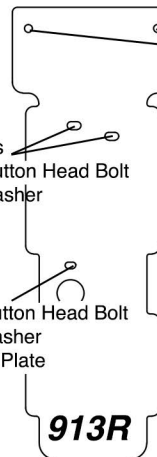


Fig. 1
6 x 20mm Button Head Bolt
6mm Flat Washer
#700-47 Nut Plate

913ARB

#827 Clamps
8 x 20mm Button Head Bolt
8mm Flat Washer

913ARA

#827 Clamps
8 x 20mm Button Head Bolt
8mm Flat Washer

Fig. 1



Fig. 2



Hardware List:

Frame Skids (p/n 913M, 913R)

- 4) #826 Clamps
- 3) #700-47 Nut Plates (6mm nut)
- 4) #700-15 Nut Plates (8mm nut)
- 6) 8 x 20mm Button Head Bolts
- 2) 8 x 30mm Button Head Bolts
- 8) 8mm Flat Washers
- 3) 6 x 20mm Button Head Bolts
- 3) 6mm Flat Washers

Front A-Arm Guards (p/n 913AFA, 913AFB)

- 6) 1" Clamps
- 6) 8 x 20mm Button Head Bolts
- 6) 8mm Flat Washers

Rear A-Arm Guards (p/n 913ARA, 913ARB)

- 6) #827 Clamps
- 6) 8 x 20mm Button Head Bolts
- 6) 8mm Flat Washers

Mounting Tips:

1. Before beginning the install take a moment to prepare your mounting hardware. Using the placement guide above organize your hardware so that it's easy to find the appropriate hardware when needed. Also because of the pinch style locking feature of the nuts welded to the mounting brackets it is highly recommended that you apply a small amount of anti-seize or other lubricant to the threads of each bolt.
2. The mounting hardware is fairly self explanatory as to how it attaches however the areas that use the nut plates are fairly tight and require some agile fingers to hold in place as you get the bolt started, *see fig 2.* If you are having trouble with the nut plates it can be helpful to make your install a family activity and enlist the help of someone with tiny fingers, or you can use some double sided tape to hold the nut plate in place as you get the bolts started.
3. Be sure to leave all the bolts only finger tight until you have installed all of your hardware. Once all the hardware is in place you may begin tightening things down while making sure your plates remain square to the frame. Most of the nut plates will brace themselves as you tighten but the nut plate in the rear will need to be held with a wrench to prevent it from spinning. Use a 10mm wrench to hold the nut as shown in fig. 1 as you tighten this bolt down.
4. After installing the a-arm guards turn your wheel full lock in both directions while checking for any possible interferences. If there is an interference loosen the bolts and reposition your guard accordingly.