

Ricochet 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.

If you run into problems or have questions about your installation, we also have a video on our youtube channel showing the installation procedure.

Hardware placement and instructions for installing the Ricochet hybrid system on the Honda Pioneer 1000

Step one: If you haven't already done so, take a center punch and run it through the inserts in the top three mounts on the 924T plate and mark these locations. Remove the 924T plate and drill out the sheet metal behind the plate where you have marked the hole locations. This is just a clearance hole, size is not critical, anything from 5/16 to 1/2 inch will suffice. Re install the 924T plate.

Step two: Take the front piece of plastic and line it up with the mounting holes. Start all of the bolts and cup washers leaving everything loose for now. On the common mount, you will use the hardware provided for the aluminum installation, but you will not be using a flat washer, you will be using a cup washer with a 5/16 hole through it.

Step three: Take the center plastic skid, line it up and start all of the cup washers and bolts. This plate has no common mounts. Leave everything loose for now.

Step four: Line up the rear plastic skid and start the 4 cup washers and bolts. The two rear mounts are common mounts and you will be using the same hardware, with the cup washer replacing the flat washer, just like the common mount on the front piece.

Step five: Once all of the center skids are on and the bolts are all started you can start tightening all of the bolts.

Step six: Take the floor board plastic skid and set it into position. Start all of the bolts and cup washers. Once they are all started you can tighten them all down. There are no common mounts on this plate, and the installation procedure is the same for the left and right side.

