

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.

Mounting Instructions for part# 9622 Textron Wildcat XX

Step One: Remove the factory skid plates. There are three bolts on each side of the machine that you will also have to remove to get the factory skid plates off. Once the plates are off, you can reinstall those three bolts on each side.

Step Two: Before you're ready to mount your plates, first you need to chase out the factory threads in the frame with your M6 tap. The holes you need to chase are marked with an * on the hardware placement guide.

Step Three: Before mounting your 962M1 plate, you first need to hang your three B clamps around the frame. The front clamp will go around the center driver side frame tube. It will be located just in front of the brake line, make sure you slide the clamp under the brake line so it doesn't get pinched against the tube. The other two clamps are going to go on the tubes that run at an angle. Place the clamps just in front of the formed crossmembers on the frame. You may have to slightly pry up the floorboard plastic to get the clamp around the tube.

Step Four: Now you can get your 962M1 plate into position. Start the four front cup washers and bolts, and leave them loose for now. Now you can start the hardware for the clamps. Put anti seize on all of the bolts that are going into the clamps. Leave these loose for now. The mounts on the side of the plate will be used later when we install the floorboard skids, the two rear mounts will be picked up when we install the next plate.

Step Five: Before mounting the 962M2 plate, first you need to hang the middle clamp around the frame. It will go on the center driver side tube, and will be located just in front of the crossmember again. Be sure to make sure you get the clamp under the brake line. The two side clamps can be hung around the frame after the plate is on.

Step Six: Now you can mount the 962M2 plate. The front of the plate will tuck underneath the 962M1 plate. The bolts where the plates overlap will be the 6x20 hex bolts. After all the cup washers are started, you can hang the outer clamps around the frame and start all of the bolts for the clamps. Leave everything loose for now.

Step Seven: Now you are ready to mount the 962R plate. Get the plate into position, and using the 833-8 cup washers and bolts run the bolts through the two existing holes in the frame, followed with a washer and nut on top. Next you can start the two front cup washers with the 6x16 flange bolts. Now you can start the two very rear bolts, and last hang the clamps and start the bolts for those. Keep everything loose for now.

Step Eight: Before you start to tighten down the bolts, align the plates for the best fit. Now you can take your floorboard skids (962FB) the longer 6x20 bolts will go in the front and the second to the last hole, while the short 6x8 bolts will go in the rear mount and the second from the front. Install both sides loosely.

Step Nine: Now you can tighten down all of the hardware.

Step Ten: Now you are ready to install the front (962T) plate. Take your plate and get it into position, and start the front 12x20 bolts. Align the skid for the best fit and snug the bolts down. Don't fully tighten them, just snug them down. Now taking one of your cup washers, and a paint pen, use the cup washer to mark the center of the hole on the frame.

Step Eleven: After you have all of the hole centers marked, you are ready to drill and tap. Before drilling, center punch all of the marks so your drill bit doesn't wander. Using the supplied drill bit carefully drill all of the holes on the marks. Try to keep the drill bit as straight as possible. After drilling, take the supplied 1/4 -20 tap and cut the thread in all of the drilled holes. It's good practice to put some oil on the tap first. If the tap starts to feel tight, back it off about a quarter turn to break the chip, and then continue tapping. Keep the tap as straight as possible to avoid breaking the tap.

Step Twelve: After tapping all of the holes, take the remaining bolts and cup washers and start all of the hardware. After all of the hardware is started, you can fully tighten the plate down.

Step Thirteen: Now you can install the front a arm skids. The first thing you need to do is jack the machine up so the front wheels are off of the ground. Set the machine on jack stands for your safety. To mount the front a arm skids, get the plate into position then hang the clamps around the a arm and start the bolts. Use anti seize on these bolts. Once you have the bolts started slightly snug them down, but don't tighten fully yet. Now you need to turn the wheel full lock to full lock, and check to make sure you have clearance all around the skid plate. Once you have established you do have clearance, you can tighten the plate down. It is the same procedure for both sides.

Step Fourteen: To mount the rear a arm skids, the first thing you need to do is, take your .203 drill bit that we have supplied, and you need to open up the existing holes in the a arm. Once you have drilled out the holes, you need to take your 1/4-20 tap that we have supplied and cut the threads. Put oil on the tap prior to cutting, and keep the tap as straight as possible to avoid breaking the tap. Also if the tap starts to feel tight, back it out about a quarter of a turn to break the chip. This will help in avoiding breaking the tap.

Step Fifteen: Now you can bolt the skid to the a arm using the cup washers and bolts. Get the skid aligned for the best fit and tighten down the bolts. Once you get the skid on, you'll see one more mount to address. This mount doesn't have any hole from the factory. Take a cup washer and a paint pen to mark the center of the hole. Once you have marked the center, center punch your mark, then drill the hole, followed up with the tap. Now you can install and tighten the last bolt. It is the same procedure for both sides.

This completes your installation of your Ricochet Aluminum skid plates. We also have a video on our youtube channel showing the installation process. Thank you for your purchase.

Hardware List for 9622 Textron Wildcat XX

962T

- 2) 12x20x 1.25 Hex Bolt
- 5) 833 Cup Washers
- 5) 1/4-20 x .5 Flange Bolts

962M1

- 6) 833 Cup Washers
- 4) 6x16 Flange Bolts
- 2) 6x20 Hex Bolts
- 3) B Clamps
- 3) M8 Washers
- 3) 8x 20 Torx bolts

962M2

- 3) B Clamps
- 3) M8 Washers
- 3) 8x20 Torx Bolts
- 2) 833 Cup Washers
- 2) 6x16 Flange Bolts

962R

- 2) B Clamps
- 2) 8x20 Torx Bolts
- 4) M8 washers
- 2) 833-8 Cup Washers
- 2) 8x25 Torx Bolts
- 2) M8 nylock Nuts
- 4) 6x16 Flange Bolts
- 2) 833 cup Washers
- 2) M6 nut Inserts
- (Pre Installed)

962FB

- 8) 833 cup Washers
- 4) 6x 20 Hex Bolts
- 4) 6x8 Hex Bolts

962AF

- 8) A Clamps
- 8) M8 Washers
- 8) 8x20 Torx Bolts

962AR

- 10) 833 Cup Washers
- 10) 1/4-20 x.5 Flange Bolts

Supplied Tools

- 1) M6 Tap
- 1) 1/4-20 Tap
- 1) .203 Drill Bit

