

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 and hardware list
For Part # 9221 2017 Polaris Ranger570 Full Size

Step One: Remove all of the factory plastic skids. Also remove the plastic on the front A arms.

Step Two: Take the top plate (760T) And set it into position. Start the front four bolts with the 700-06 nut plates behind them. Use anti seize on these bolts. Leave these bolts loose for now.

Step Three: Now start the rear bolt using the 700-59 nut plate on the back. Use anti seize on this bolt.

Step Four: Square up the plate and tighten all bolts.

Step Five: Get the main belly skid (921M) and set it into position. Using the supplied self tapping bolts and cup washers, get all of the hardware started. Some points on this skid are not threaded from the factory. We have supplied self tapping bolts to remedy this. On the points that are not tapped, simply push on the bolt while turning it, and it will cut the thread as you install it. Leave all bolts loose for now.

Step Six: Get the rear plate (789R) into position. Start the two middle bolts first, using the 700-06 nut plates. Use anti seize on these bolts and leave loose for now.

Step Seven: Start the front two mounts using the self tapping bolts and cup washers.

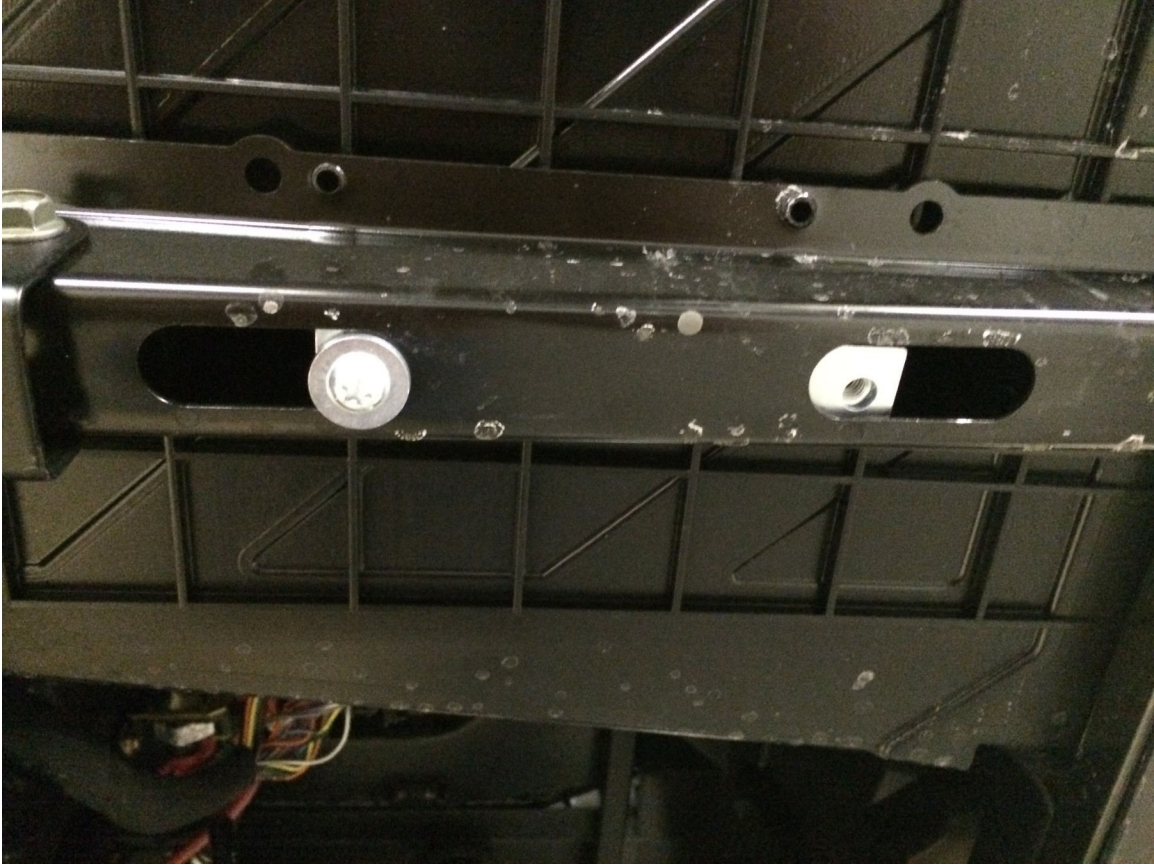
Step Eight: Start the two rear bolts with 700-06 nut plates. Use anti seize on these bolts.

Step Nine: Square up the main belly plate, and the rear plate and tighten all hardware.

Step Ten: With the front wheels off of the ground, mount the front a arms using the supplied clamps. Use anti seize on all of these bolts. Snug up the bolts, but do not tighten them yet. Now you need to check for clearance all the way around. Turn the steering wheel from lock to lock, while confirming you have clearance. Once the plate is in position and you have clearance, you can tighten the bolts. Use the same procedure for the other side.

Step Ten: Mounting the rear a arm guards is similar to the front. Put the plate in position and start all of the bolts with the clamps. Confirm that you have clearance to the a arm skid. The rear is a little easier as the rear wheels don't steer. Once you have clearance you can tighten all of the bolts. Use anti seize on these bolts. Mounting is the same procedure from left to right.

Step Eleven: Install your 700-07 bar clamp into the floorboard supports. Then secure the bar clamp with an 8x20 Bolt and a Heavy Duty Washer. You may need to pry the floorboard plastic up a little with a screwdriver to get the bar clamp in the frame. Here is how it will look when it's installed.



You will do this two times on each side of the machine.

Step Twelve: Insert your 700-36 Nut plate into the floorboard support, next to where you just installed the bar clamp. The nut plate is chamfered on one side. The chamfer will face down. Here is a picture of this installed:



Step Thirteen: Set the floorboard skid into position and start your bolts into the bar clamp and nut plate you just installed. Use anti seize on all of these bolts, and leave loose for now.

Step Fourteen: Square up the floorboard skid for the best fit and tighten all of your bolts. Repeat the same procedure for the other side of the machine.

Step Fifteen: The very front mount of the floorboard plates needs to be drilled out. Use an 11/32 (.344) Drill bit and match drill through the plastic using your floorboard as a guide. Install the 8x30 bolt and washer through the skid from the bottom side. Install the HD (larger) washer and nut on the bolt and tighten them down. Repeat the same procedure for both sides.

Hardware List for Part# 9221F

760T

- 5) 8x25 Torx Bolts
- 5) M8 washers
- 4) 700-06 nut plates
- 1) 700-59 Nut plate

789R

- 2) 833 Cup Washers
- 2) 1/4-20 x 3/4 Self Tapping Bolts
- 4) 8x25 Torx Bolts
- 4) M8 Washers
- 4) 700-06 Nut Plates

921AF

- 6) 1" Clamps
- 6) 8x20 Torx Bolts
- 6) M8 Washers

921M

- 11) 833 Cup Washers
- 11) 1/4-20 x 3/4 Self Tapping Bolts

921FB

- 8) 8x20 Torx Bolts
- 4) 8x25 Torx Bolts
- 2) 8x30 Torx Bolts
- 6) M8 HD Washers
- 10) M8 Washers
- 4) 700-36 Nut plates
- 4) 700-07 Nut Plates
- 2) M8 Nylock Nuts

789AR

- 8) 826 Clamps
- 8) 8x20 Torx Bolts
- 8) M8 Washers