

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.

Installation Instructions for 9322F 2018 Polaris Ranger 1000

Step One: Remove all of the factory plastic plates

Step Two: Hang the two 839 clamps in their approximate locations on the frame.

Step Three: Now you can mount your 767M1 plate to the machine using the supplied cup washers and flange bolts. Leave these loose for now. * Note: Not all of the holes in the frame are threaded by Polaris from the factory. We have supplied a tap and tap handle so you can tap out those blank holes in the frame. You can tap these holes before or after you mount the skids.

Step Four: Now start the hardware for your 839 Clamps. Use anti seize on these bolts and leave them loose for now.

Step Five: Now you can mount your 767M3 plate to the machine using the cup washers and bolts. Leave these loose for now.

Step Six: Now you can start the M8 nuts and bolts on the rear mounts. Leave these loose for now.

Step Six: Now you can mount the 767R plate. Mount the two cup washers first, and then mount the middle mounts using the nut plates and bolts. Use anti seize on these and leave them loose for now.

Step Seven: Take your two remaining nut plates, and insert them into the frame right behind the rear differential. You will see two holes in the frame that should line up with the mounting holes in the plate. Make sure the hole in the nut plate lines up with the mounting hole in the skid plate, and start the bolts. It may be easier to get the bolts started by supporting the rear of the skid plate with a floor jack. Leave these loose for now.

Step Eight: Align all the skids for the best fit and tighten all of the hardware.

Step Nine: Now you can mount the 932T Front Plate. Set the plate into position and start all of the M8 bolts and nylock nuts. Get the plate aligned for the best fit, and tighten down all of the bolts. This completes your belly skid installation. If you have also purchased our floorboard skids, you are now ready to install those.

Installation instructions for 932FB Ranger 1000 Floor Board Skids

Step One: Remove the three button head Torx bolts underneath the rocker panel on the machine. Save these bolts, they will be reused.

Step Two: If you are installing our skids with the factory Polaris skid plate, you will need to cut the factory Polaris skid plate down the side, where it meets with the edge of the main frame. You can use your floorboard to see where you need to cut the factory plastic. A Dremel will make easy work of this.

Step Three: Take your two 700-06 Nut plates, and set them in the channel of the frame that is welded to the main frame and out to the edge. Line the hole in the nut plate up with the hole in the frame.

Step Four: Now you can get your floorboard skid into position, using the stock bolts you removed and the cup washers provided, mount the floor board skid to the machine. Leave these bolts loose for now.

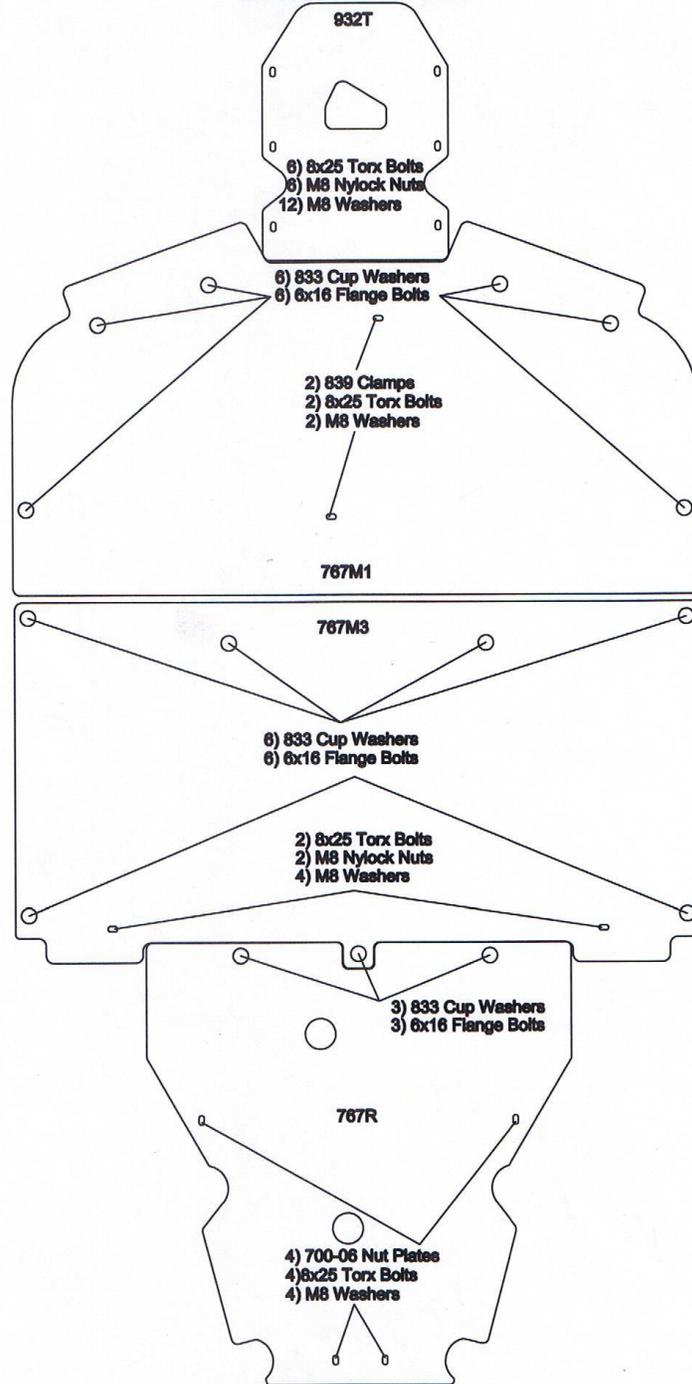
Step Five: Take your 8x35 Torx bolts, and thread them into the nut plates you installed in the frame channel. There is a slot in the skid plate, that you can put your finger through to hold the nut plates down, while you are catching the thread. Leave these bolts loose for now.

Step Six: Take your 8x25 bolt, and insert it through the hole in the rear of the skid plate, and through the hole in the frame. Slide a washer over the bolt, followed by your M8 nylock nut.

Step Seven: Get the plate adjusted to the machine for the best fit, and tighten the two Torx bolts going into the nut plates. Tighten the bolt with the nut at the rear of the plate. And finally tighten down the three stock bolts with the cup washers. Use extreme caution when tightening the stock bolts, as the frame threads can be easily damaged. If you do damage the frame threads, you can use a ¼-20 Self tapping bolt, to secure the plate.

Step Eight: If you are also installing the ¼" overlay UHMW on the floorboard skids, leave the three stock bolts out for now, as they are also a common mount for the overlay UHMW. Secure the overlay plate to the floorboards using the 6x16 Flange bolts and cup washers. Now you can install the three stock bolts with the aluminum spacers in the last three remaining mounts. Use extreme care when tightening the stock bolts. It is the same procedure for the left and the right side of the machine. This completes your floorboard skid installation, and we thank you for your purchase!

9322 Hardware Placement Guide



Hardware List for 9322 Ranger 1000

932T

- 6) 8x25 Hex Bolts
- 12) M8 Washers
- 6) M8 Nylock Nuts

767M3

- 6) 833 Cup Washers
- 6) 6x16 Flange Bolts
- 2) 8x25 Torx Bolts
- 2) M8 Nylcok Nuts
- 4) M8 Washers

932AF

- 8) 1" Clamps
- 8) 8x25 Torx Bolts
- 8) M8 Washers

932FB

- 6) 833 Cup Washers
- 6) 8x25 Torx Bolts
- 8) M8 Washers
- 4) 700-06 nut plates
- 2) M8 Nylock Nuts

767M1

- 6) 833 Cup Washers
- 6) 6x16 Flange Bolts
- 2) 839 Clamps
- 2) 8x25 Torx Bolts
- 2) M8 Washers

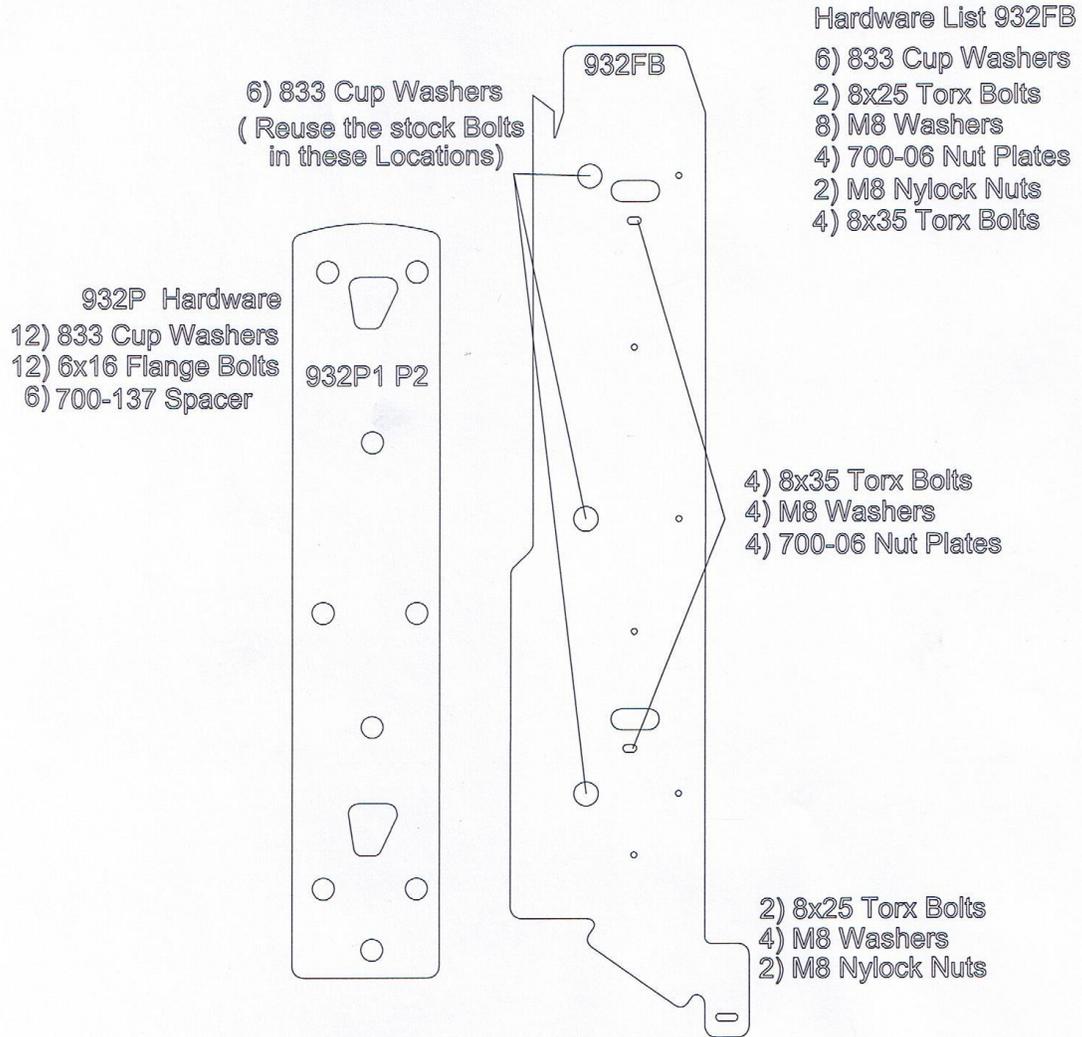
767R

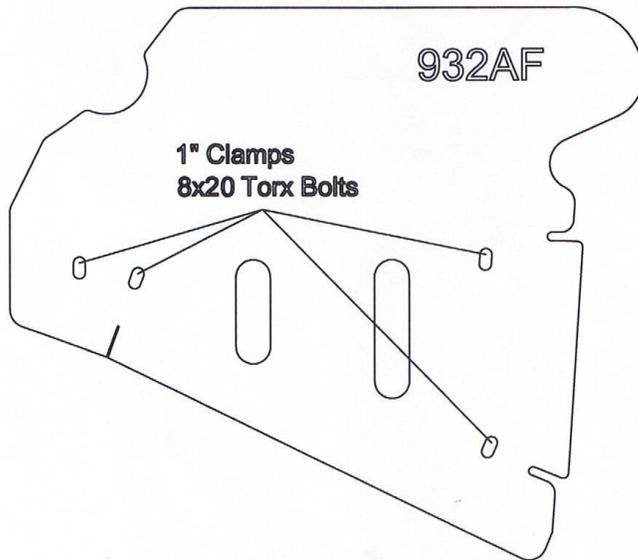
- 4) 700-06 Nut Plates
- 4) 8x25 Torx Bolts
- 4) M8 Washers
- 3) 833 Cup Washers
- 3) 6x16 Flange Bolts
- 1) M6 tap and tap handle

932AR

- 4) 8x55 Torx Bolts
- 4) M8 Nylock Nuts
- 12) M8 Washers
- 4) 8x25 Torx Bolts
- 2) 700-40 Bar Clamps

932FB Hardware list and Placement Guide





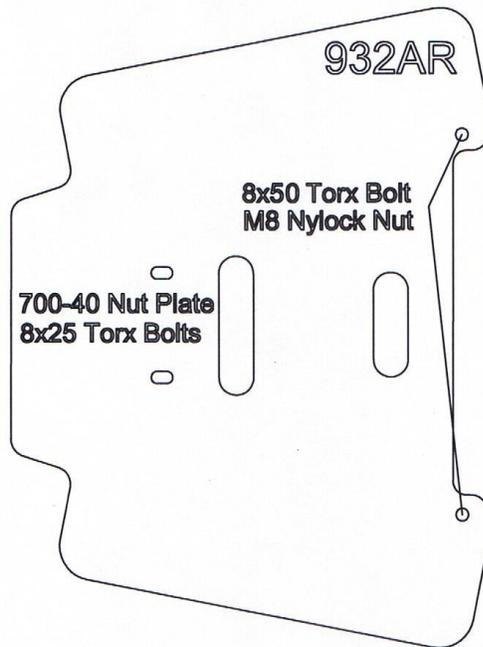
Hardware List

932AF

8) 1" Clamps

8) 8x20 Torx Bolts

8) M8 Washers



932AR

4) 8x50 Torx Bolts

4) M8 Nylock Nuts

12) M8 Washers

4) 8x25 Torx Bolts

2) 700-40 Bar Clamps