



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 p/n 724 (Yamaha Rhino 700 '08)

Hardware Included:

Front Bash Plate & Main Skid

- 8) 8 x 20mm Button Head Bolts
- 8) 8mm Nylock Nuts
- 7) #832 Cupped Washers (silver)
- 4) 6 x 16mm Flange Bolts
- 3) 6 x 25mm Hex Bolts
- 3) 6mm Lock Washers
- 16) 8mm Flat Washers

Rear Diff. Plate

- 7) #833 Cupped Washers (gold)
- 7) 6 x 16mm Flange Bolts
- 2) 8 x 20mm Button Head Bolts
- 2) 8mm Nylock Nuts
- 4) 8mm Flat Washers

Floor Board Skids

- 6) 6mm Extruded U Nuts
- 6) 6 x 20mm Hex Bolts
- 6) 6mm Flat Washers
- 6) 6mm Lock Washers
- 6) 8 x 20mm Button Head Bolts
- 1) 8 x 25mm Button Head Bolts
- 14) 8mm Flat Washers
- 7) 8mm Nylock Nuts

1. Begin by removing the stock plastic bash plate and rear diff guard. Keep at least 7 of the removed cupped washers and bolts to be used on your new rear diff plate.

2. If you have floor board skids you should install these first. Begin by putting the **extruded 'u' nuts** into place in the front 6 mounting points (1). Now you will need to remove each side cover to gain access underneath the seats. Install the driver side floor board skid using the **6 x 20mm Hex bolts with flat & lock washers** in the extruded 'u' nut mounting positions (1) & the **8 x 20mm Button Head bolts with flat washers & Nylock Nuts** in the rear mounting positions (2). Now to install the passenger side skids you will need a drill with an 11/32" bit. Begin by mounting the plate to the extruded 'u' nuts as you did with the driver side. Now using an **8 x 20mm Button Head Bolt, flat washers & Nylock nut** mount the plate to position (3). Now using your drill open up the mounting point in position (4) to accommodate the **8 x 25mm buttonhead bolt with flat washers & a nylock nut**. Now you must match drill an 11/32" hole in the steel plate at mounting position (5). Now you can complete your floor board installation using you last **8 x 20mm button head bolt with flat washers and a nylock nut** in this position.

2. Next you should install your new bash plate using the supplied **replacement cupped washers** in the same mounting points used by the stock plastic plate. At this time only fasten the front four bolts (6) using the **6 x 16mm hex bolts with 6mm lock washers**.

3. Before installing your main skid plate you will need to drill the appropriate mounting holes in the stock steel plate. Hold the main skid up to the machine so that the front 3 mounting holes (7) exactly overlap the ones on the front bash plate. Now using a pencil mark the positions of the remaining 6 mounting holes (8) on the steel plate beneath the main skid. Now drill out each of these spots to an 11/32" diameter hole. It's recommended that you begin by center punching each position, and drilling a pilot hole using an 1/8" bit before moving up to the 11/32" bit. Now you can mount your main skid using the 3 remaining supplied **replacement cupped washers with the 6 x 25mm button head bolts and lock washers** in the front 3 mounting points (7), and the **8 x 20mm button head bolts with 8mm nylock nuts and washers** in your drilled mounting points (8). Once you have tightened all of the bolts lightly tap with your hand on several points around the plate checking for a possible rattle. If one of these points is found we have included some extra **8 x 20mm button head bolts** so that additional mounting points can be drilled to insure a secure mount all around.

4. Now you can install your new rear diff plate. Use the gold #833 cupped washers and flange bolts to mount your new plate using the same mounting points as the stock plastic plate. This plate also uses two additional drilled mounting points (9). Use the same procedure described in step 3 to drill these points and use the remaining **8 x 20mm button head bolts with nylock nuts** to complete your installation.

