



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.

Hardware List and Mounting Instructions for P/N 7920

Full Frame Skids (791T, 791M, 791R)

- 6) #700-06 Nut Plates
- 1) #700-40 Bar Clamp
- 12) #833 Cupped Washers
- 9) 6mm Flange Bolts
- 2) 6 x 20mm Button Head Bolts
- 3) 6 x 25mm Button Head Bolts
- 6) 8 x 25mm Button Head Bolts
- 2) 8 x 35mm Button Head Bolts
- 2) 6mm HD Flat Washers
- 8) 8mm Flat Washers

Front A-Arm Guards (920AFA, 920AFB)

- 6) 7/8" Clamps
- 6) 8 x 20mm Button Head Bolts
- 6) 8mm Flat Washers

Rear A-Arm Guards (765ARA, 765ARB)

- 2) 1 1/4" Clamps
- 2) 8 x 20mm Button Head Bolts
- 2) 8 x 55mm Button Head Bolts
- 6) 8mm Flat Washers
- 2) 8mm Nylock Nuts

Mounting Instructions

1. Remove all factory plastic skid plates
2. Take a minute to familiarize yourself with the hardware placement guide, prepare all the hardware so it is easy to find the specific hardware required for each mounting point.
3. It is highly recommended that you use a small amount of anti-seize or drop of oil on the threads of each nut that is welded onto a clamp.
4. Begin by installing the rear skid plate (791R) using the four #700-06 nut plates and 8 x 25mm button head bolts in the positions shown on your hardware placement guide. Brace the nut plate behind the steel plate welded to the frame and attach the skid plate. Leave these bolts finger tight for now
5. Now install the center skid plate (791M) with the 3 rear-most one inch holes overlapping the front slotted mounting holes on the rear skid as shown on your hardware placement guide.
7. Attach center skid to factory mounting points using cupped washers in each 1" hole on the skid plate. Use the flange style bolts in all locations except where the plates overlap in which you will need to use a 6 x 25mm Button Head Bolts fed through both plates. Also be aware that the front two mounting points on the center skid do not use a cupped washer but instead use a large flat washer and 6 x 20mm Button Head Bolts. Leave all these bolts finger tight as well for now
8. Complete frame skid installation by installing front skid (791T) with the hardware shown on your hardware placement guide. After all hardware is in place you may begin tightening everything down making sure all the plates stay as square to each other as possible.
9. Now if you have ordered A-Arm Guards you can install them. Refer to the hardware placement guide and mount to the a-arms using the specified hardware. Again leave everything loose until all the hardware is installed.
10. Finally tighten the bolts on your a-arm guards while checking to make sure that they are positioned in a spot that gives you the best protection without causing interferences. Turn the wheel full lock in both directions to make sure there are no interferences with the guards.

Clamp & Hardware Placement for P/N 7920

