



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 & Mounting Instructions for P/N 7992F

Full Frame Skid Plates

(741T, 792M1, 792M2, 792M3, 741R)

- 39) #833 Cupped Washers (fig 2:A)
- 2) #833-8 Cupped Washers (fig 3,4:B)
- 35) 6 x 25mm Hex Bolts (fig 2:C)
- 4) 6 x 20mm Hex Bolts
- 2) 8 x 90mm Button Head Bolts (fig 4:D)
- 2) 8 x 70mm Button Head Bolts
- 39) 6mm Lock Washers (fig 2:E)
- 6) 8mm Flat Washers (fig 4:F)
- 35) #700-41 Spacers (fig 2:G)
- 4) 8mm Nylock Nuts (fig 4:H)

A-Arm Guards

(741AA, 741AB)

- 8) 1" Clamps
- 8) 8 x 20mm Button Head Bolts
- 8) 8mm Flat Washers

Rock Sliders

(792FBFA, 792FBFB, 792FBRA, 792FBRB)

- 2) #833 Cupped Washers
- 16) #833-8 Cupped Washers (fig 3,4:B)
- 2) 6 x 30mm Hex Bolts
- 16) 8 x 25mm Button Head Bolts (fig 3,4:D)
- 8) 8 x 20mm Button Head Bolts
- 16) 8mm Flat Washers (fig 4:F)
- 16) #700-68 Spacers (fig 4:J)
- 8) 8mm Nylock Nuts (fig 4:H)
- 4) #700-90 Double Nut Plate
- 8) #700-06 Nut Plate (fig 3:K)

UHMW Layer (optional)

(792P1, 792P2, 792P3L, 792P3R)

- 55) #833 Cupped Washers
- 55) 6mm Flange Bolts



#833



#833-8
(larger hole)



#700-41



#700-68



#700-90



#700-06

Mounting Instructions

1. Remove all factory plastic skid plates
2. Before you begin the install take a moment to review the hardware placement guide. Sort and prepare the hardware so that it is easy to get to what you need when you need it.
3. The cupped washers that use spacers should be prepared as shown in *fig. 2, 3 & 4* below. It is also highly recommended that you use some anti-seize or a drop of oil on the threads of any nuts welded onto a clamp.
4. Next Prepare the front rock slider skid plates (792FBFA & B) by installing the #700-90 brackets as shown in *fig. 5*. Before tightening these brackets down make sure the mounting points on the rear skid (792FBRA & B) align to the exposed bolt hole on the #700-90 bracket so the plates can be secured together.
5. Now you may begin installing your skid plates. Refer to the hardware placement guide for each mounting location to make sure you are using the correct hardware. Begin with the center skids, it doesn't matter what order you install them, although leave all the bolts loose for now so that each plate's position can still be adjusted.
6. You will notice when installing the front bash plate (741T) that there is no mounting hole for one of the rear mounting points on the skid plate. A hole will need to be drilled in this location, using a 11/32" bit (3/8" will work) open up a hole in this position so that the 8 x 90mm Button Head bolt can pass all the way through and a nylock nut can be secured on the back side. See *fig. 1*.
7. Before tightening anything down go ahead and install the front rock slider plates with #700-90 brackets attached. Then install the rear rock slider plates and secure them to the fronts. Tighten these connecting bolts first, making the two rock slider halves a solid piece.
8. After all hardware is installed you may begin tightening everything down making sure all the skid plates are butting up against one another as firmly as possible. **DO NOT** over torque the bolts going into the pre-threaded mounts on your Commander because they can strip fairly easily, the lock-washers will keep them secure.
9. If you are installing the optional UHMW layer, do that now using the #833 cupped washers and 6mm flange bolts into each threaded insert in the aluminum skid plate.
10. Finally install your a-arm guards using the 1" clamps wrapped around the a-arm tube and secured with the 8x20mm bolts and washers. Turn the wheel full lock in both direction checking for any interferences with the guard. If there is an interference, loosen the clamps and adjust the guard accordingly.

Fig 1.



Fig 5.

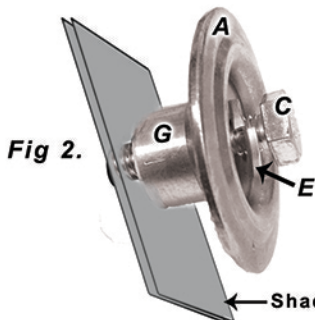
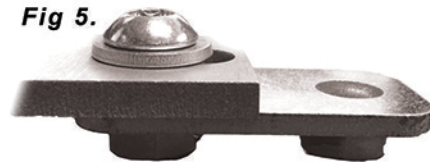


Fig 3.

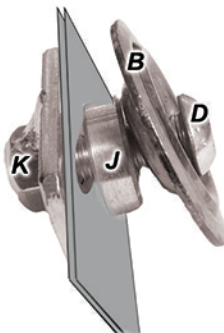
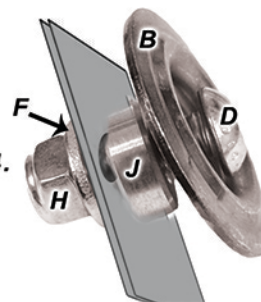
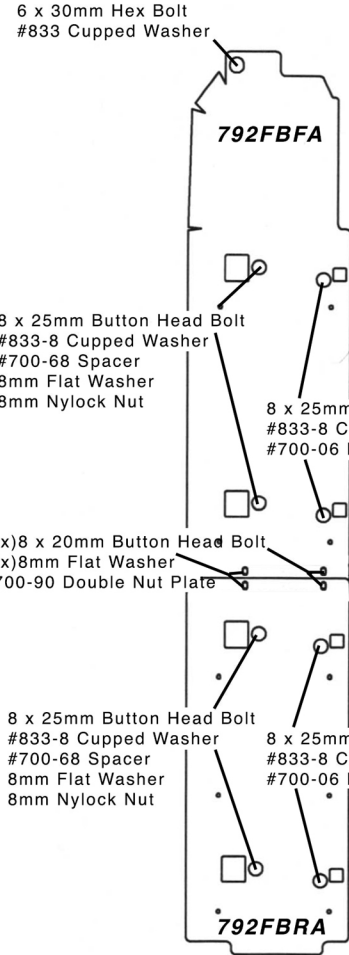
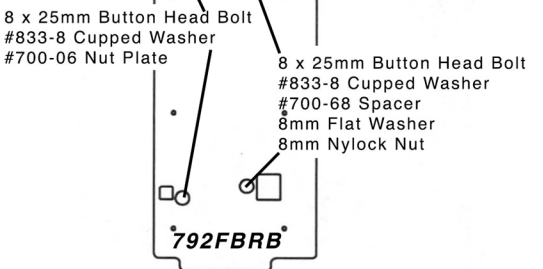
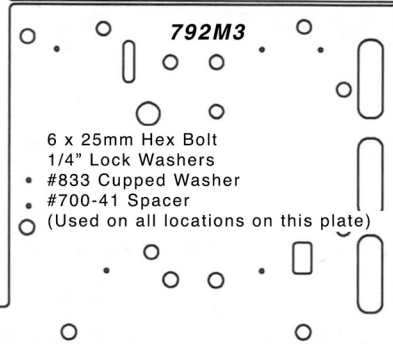
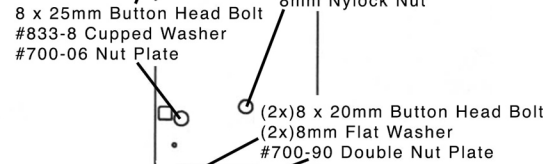
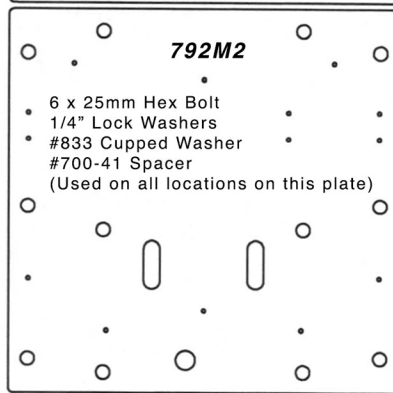
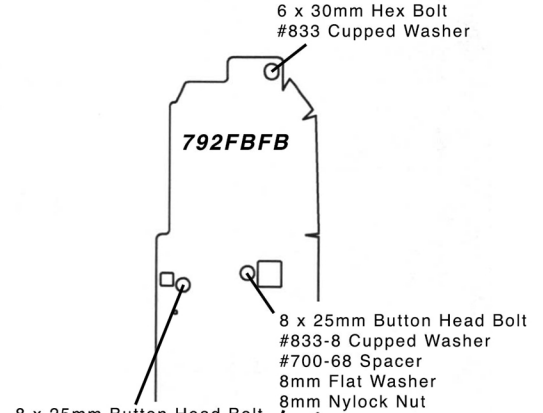
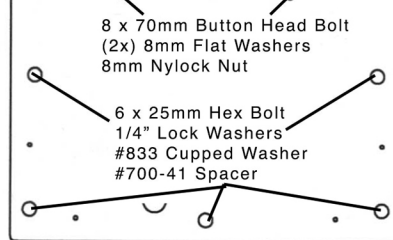
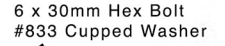
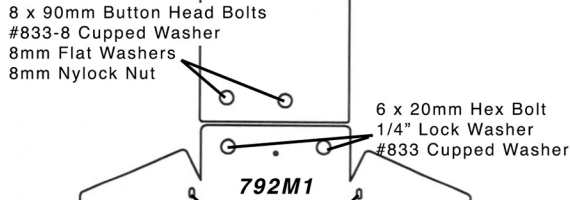
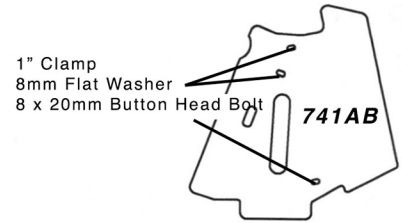
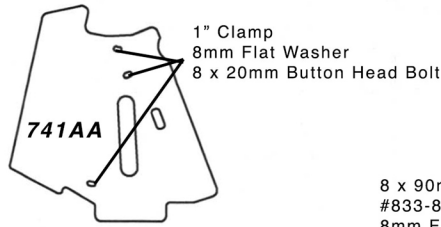


Fig 4.



← Shaded boxes represent steel plating on commander in which hardware is secured to.

Clamp & Hardware Placement for P/N 7992F



Optional UHMW Layer

Complete Set:
55) #833 Cupped Washers
55) 6mm Flange Bolts

Center Skids Only
35) #833 Cupped Washers
35) 6mm Flange Bolts

Rock Sliders Only
20) #833 Cupped Washers
20) 6mm Flange Bolts