



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 & Installation Guide for P/N 7559/F

Full Frame Skid Plates (P/Ns 759T, 759B, 759M, 759R):

- 21) #833 Cupped Washers (*gold*)
- 16) 6mm Flange Bolts
- 5) 6 x 25mm Hex Bolts
- 5) 6mm Lock Washers
- 2) #700-59 Bar Clamps (*silver bar w/ locking nut*)
- 2) 8 x 35mm Button Head Bolts
- 2) 8mm Flat Washers

Floor Board Skid Plates (P/N 759FBA, 759FBB):

- *10) #833 Cupped Washers (*gold*)
 - *10) 6mm Flange Bolts
 - 4) 8 x 30mm Button Head Bolts
 - 4) 8mm Flat Washers
 - 4) #700-59 Bar Clamps (*silver bar w/ locking nut*)
- *Include two additional of each of these if floorboard skids are sold separately.*

Front A-Arm Guards (P/N 759AFA, 759AFB):

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

Rear A-Arm Guards (P/N 759ARA, 759ARB):

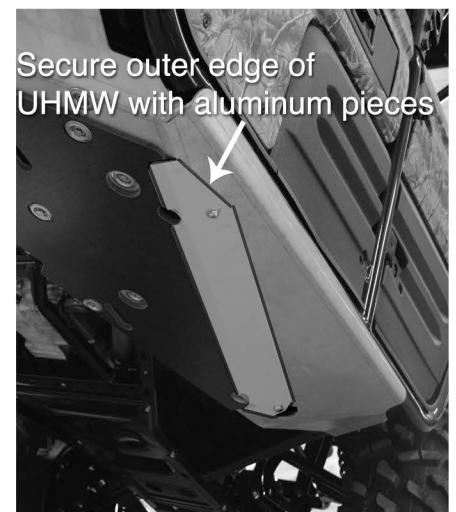
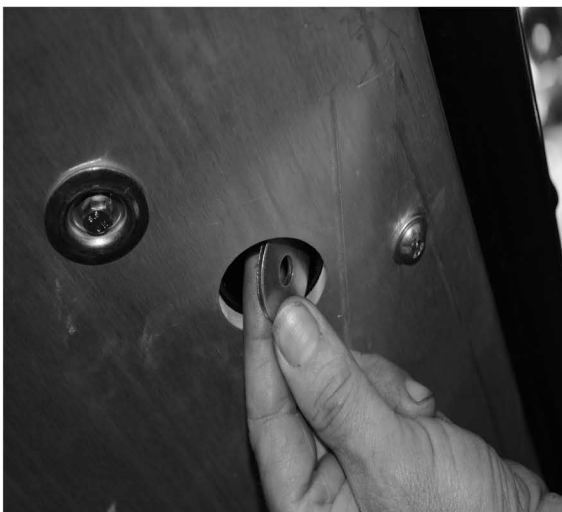
- 4) 1" Clamps
- 2) 1 1/4" Clamps
- 6) 8 x 20mm Button Head Bolts
- 6) 8mm Flat Washers

UHMW Layer (optional) (p/n 759P1,2,3,4L &4R)

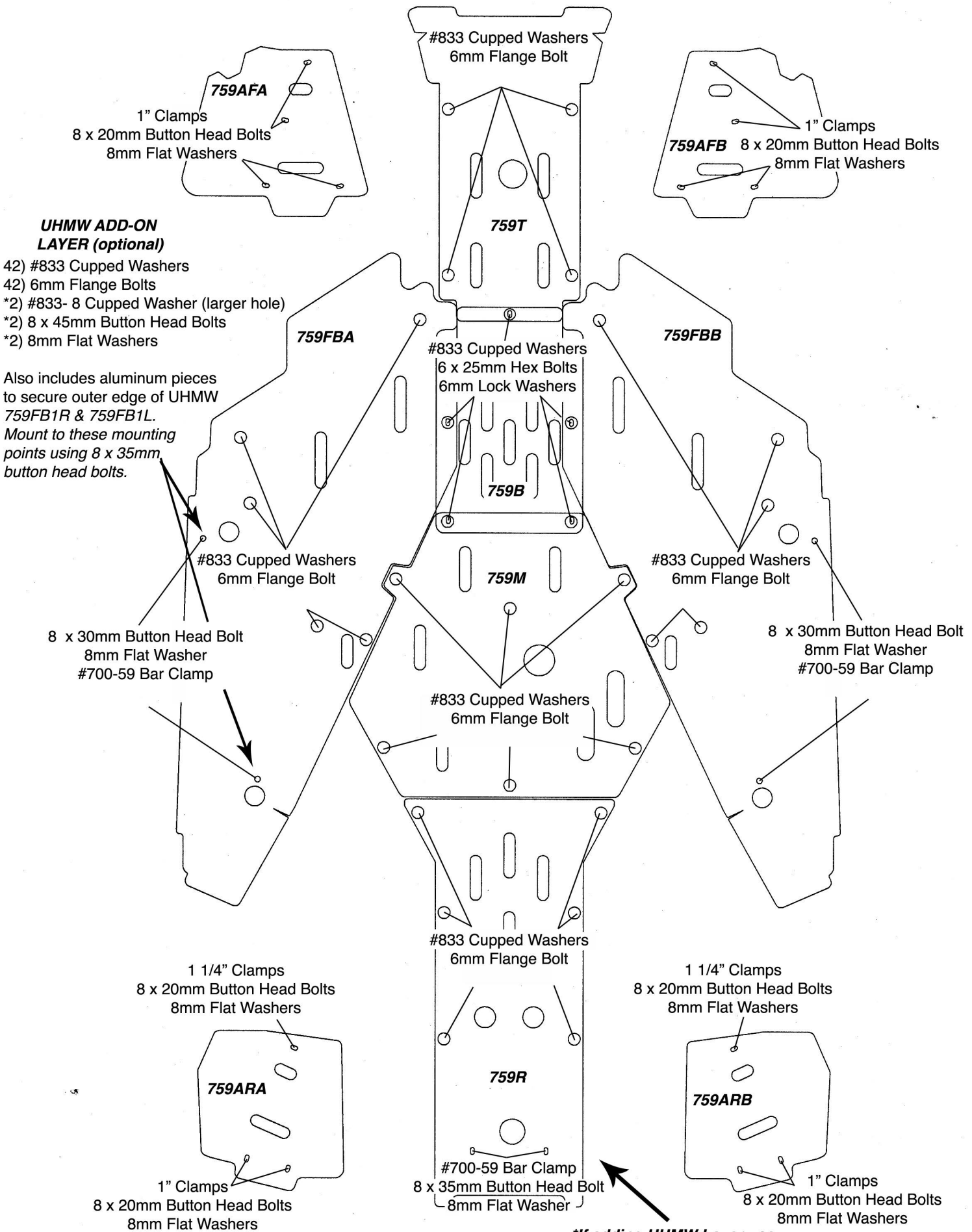
- Aluminum Pieces (759FB1R, 759FB1L)
- 4) 8 x 35mm Button Head Bolts
- 42) #833 Cupped Washers (*gold*)
- 42) 6mm Flange Bolts
- 2) #833-8 Cupped Washers (*larger hole*)
- 2) 8 x 45mm Button Head Bolts
- 6) 8mm Flat Washers

Mounting Instructions

1. Begin By removing all the factory plastic skid plates.
2. Because of the way the plates overlap make sure you install them in the correct order as follows 759FBA &759FBB, 759M, 759B, 759T, 759R. (A-Arm Guards Can be installed at any time)
3. Install the Floor Board skids first using the 6x20mm hex bolts, lock washers and cupped washers, leave everything loose until all of the skid plates have been installed so that their positions can be adjusted. **DO NOT USE LOCK TIGHT ON THESE BOLTS.** Leave the inner mounting point where p/n 759B overlaps empty for now. Install the 8 x 30mm Button Head Bolts into the nylock nuts with the large washer on the back side as shown in the photos below.
4. Now install the rest of the plates in the order specified using the hardware shown on your hardware placement guide. It is recommended that you use a drop of oil or anti-seize compound in the welded on nuts on the #700-59 Bar Clamps, as well as the nuts on the clamps for the A-Arm Guards. Make sure you feed the bolt through both plates in the positions where they overlap.
5. Once all the hardware is installed you may begin tightening things down while making sure the plates butt up against one another as flush as possible. Do not over torque the 6mm hex bolts because the nutserts can break free and spin.
6. Now if you are installing the optional UHMW layer mount it the skid plates at each threaded insert using the cupped washers, note that at the very rear you will increase the length of the bolt going into the #700-59 bar clamp and mount the UHMW with a button head.
7. Now complete the installation of the UHMW by using the two included aluminum pieces to overlap and secure the outer edge of the UHMW. Use the included 8 x 35mm button head bolts here and a nylock nut and HD flat washer as shown in the photos below.



Clamp & Hardware Placement Guide for P/N 7559/F



UHMW ADD-ON LAYER (optional)

- 42) #833 Cupped Washers
- 42) 6mm Flange Bolts
- *2) #833- 8 Cupped Washer (larger hole)
- *2) 8 x 45mm Button Head Bolts
- *2) 8mm Flat Washers

Also includes aluminum pieces to secure outer edge of UHMW 759FB1R & 759FB1L. Mount to these mounting points using 8 x 35mm button head bolts.

***If adding UHMW Layer use 8x45mm Button Head Bolts here to attach plastic to bar clamp.**