



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 7770

Center Skids (770M, 770M2, 770C, 770C2):

- 4) 6 x 25mm Hex Bolts
- 20) 1/4 x 3/4" Self Tapping Hex Bolts
- 2) 1/4 X 1" Self Tapping Hex Bolts
- 18) 8 x 20mm Flat Head Bolts
- 18) 8 x 25mm Button Head Bolts
- 2) 8 x 30mm Button Head Bolts
- 20) 8mm Flat Washers
- 26) #833 Cupped Washers
- 6) #700-41 Spacers
- 18) #700-90 Brackets (already attached to plate)

Rear Skid (758R):

- 7) 6 x 20mm Hex Bolts
- 7) #833 Cupped Washers
- 7) 6mm Nylock Nuts

Front A-Arm Guards (758AFA & 758AFB):

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

Rear Linkage Guards (758ARA & 758ARB):

- 4) 6 x 20mm Hex Bolts
- 4) 8 x 90mm Hex Bolts
- 4) 6mm Flat Washers
- 4) 6mm Lock Washers
- 8) 8mm Flat Washers
- 4) 8mm Nylock Nuts
- 4) #700-91 Spacers



Fig 1.

Mounting Instructions

1. Begin by familiarizing yourself with all the included hardware. Prepare all the 6mm bolts, lock washers and cupped washers as shown in Fig 1. Note that the spacers are used only on the 4) longer 6 x 25mm bolts and 2) 1/4 x 1" Self Tappers.
2. Remove all the factory plastic skid plates.
3. Begin by mounting the four center skids using the #833 Cupped washers and the appropriate bolts as shown on your hardware placement guide. Leave these bolts loose at this time so that each plate's position can be adjusted. Do not connect the plates together until all the cupped washers and the 8 x 30mm Button Head bolts are in place. For easiest installation mount them in this order: 770C, 770C2, 770M, 770M2. Make sure that the connecting flanges on each plate overlap correctly as shown in the diagram on your hardware placement guide.
4. Now connect all four center skids together by feeding an 8 x 25mm Button Head Bolt through both plates and into the locking nut on the #700-90 Bracket. Again leave these loose until all hardware has been installed. Once all the hardware is in place and all four plates are connected you may tighten down everything but do not over torque the bolts used with the cupped washers because the threads will strip.
5. Install the rear plate by threading each 6mm bolt and cupped washer into place, leave loose until all bolts have been threaded, then torque everything down. Once everything is tight thread a 6mm nylock nut on the back side of the bolt and tighten down so that the bolt passes completely through the nylock.
6. If you are installing the front a-arm guards it is recommended that you apply a drop of oil or anti-seize to the bolts used here. Wrap each clamp around the a-arm and line up the nut with the slot on the guard. Feed an 8 x 20mm bolt through the mounting slot into the clamp, leave loose until all the clamps are in place. Then tighten everything down securely.
7. If you are installing the rear linkage guards use the 6 x 20mm hex bolts to mount the guard to the threaded mounting points used by the factory plastic guard. Then use the 8 x 90mm Hex bolt with spacer and nut positioned over the top of the linkage to complete your installation.

Hardware Placement Guide for P/N 7770

