



# 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](mailto:dh_gibbs@comcast.net) with any questions or concerns.**

# Mounting Instructions for Bombardier Outlander Skidplates. p/n 668mp

1. The first step is to stand the machine on end.  
*They are very unstable in this position so be sure to secure it with rope.*
2. Begin by removing the lower two mounting bolts on the front plastic bash guard. Install the new front plate using these same two mounting holes. The two supplied 1/4" spacers are used here along with the two 6mm x 35mm buttonhead bolts, four heavy duty 6mm washers and two nylock nuts. Leave the bolts loose at this time so that the position of the plate can be adjusted later.
3. Next remove the bolts on the aluminum floor board frame and install the six L-brackets as shown in fig. 1 and 2 using the supplied 8mm x 30mm and 8mm x 45mm buttonhead bolts along with the standard 8mm flat washers and nylock nuts. At this time tighten them down just enough so that the brackets can still be moved by lightly tapping them. Next place the center plate up against the machine and adjust the position of the L-brackets until they all line up with the slots on the plate. Now you can tighten them.
4. Intstall the center plate using the supplied 8mm x 20mm buttonhead allen bolts with the 8mm heavy duty flat washers. Its recomended that you use an anti-seize compound on these particular bolts to prevent rusting.
5. Finish installing the front bash plate by butting it up against the center plate and tightening the front two bolts. Using an 11/32" drill, match drill through the hole in the rear of the bash plate through both sides of the frame tube (fig 3). Use the supplied 8mm x 55mm buttonhead allen bolt with the 8mm heavy duty washers and nylock nut to bolt this plate to the frame.
6. Finally remove the two lower trailer hitch bolts and install the rear channel piece using the supplied 10mm x 30mm Hex bolts, 10mm flat washers and nylock nuts. Again butt it up against the center plate and match drill per the front bash plate (fig 3).

Fig 1.



Fig 2.

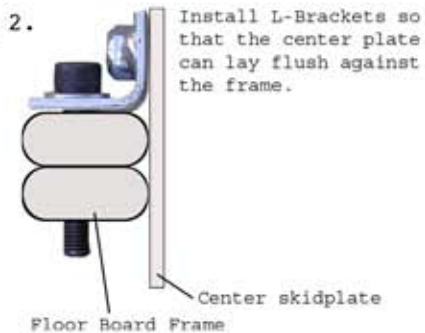


Fig 3.

