



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.

Mounting Instructions for Can-Am Outlander XXC Skid Plates (p.n. 6679X)

1. For easiest installation it is recommended that you stand your machine on end before beginning. **THEY ARE VERY UNSTABLE IN THIS POSITION. MAKE SURE YOU SECURE IT WITH ROPE OR THE WINCH LINE BEFORE BEGINNING THE INSTALL**

2. Begin by removing all of the factory skid plates that are already on your ATV. Do not remove the Aluminum front bumper, you will only need to remove the two lower mounting bolts that attach the factory bash plate. Set these bolts aside as you will be reusing them to mount your new bash plate.

3. Now you may install your new front bash plate using the same mounting points used for the factory bash plate, First remove the 2 nutclips that are attached to the sway bar mounting points. Use the **8 x 25mm button head bolts with flat washers** and a nylock nut to mount to this sway bar bracket. Use the **8 x 25mm Hex Bolts with 8mm flat & lock washers** to mount the plate to the side of the frame, and reuse the factory 10mm bolts to attach to the front bumper.

4. Next remove the two lower 10mm bolts on the rear hitch mount. Because you will not easily be able to adjust the position of the rear frame plate once the center plate is mounted it is recommended that before installing the rear frame plate you should hold the center floorboard plate into place, butted up against the front bash plate, and mark on the main frame in pencil a line indicating where the center plate and rear frame plate should meet. Now install the rear frame plate using the supplied **10 x 30mm Hex Bolts with 10mm washers & 10mm Nylock Nuts** to attach the plate to the hitch mount in the rear and use the **8 x 25mm Button Head Bolts with 8mm flat washers & 8mm Nylock Nuts** to attach the top of the plate to the existing holes in the frame. Tighten all of these bolts while making sure the plate is positioned correctly in respect to your pencil line.

5. Now remove the bolts on the aluminum floor board frame from the six positions shown in Fig 1. Install the “L” brackets into each of these positions as shown in Fig. 2 using the **8 x 30 Allen Cap Bolts w/ standard 8mm washers and 8mm nylock nuts** in the front two positions and the **8 x 45mm Allen Cap Bolts w/ washers and nuts** in the four rear positions. Keep these brackets loose enough so that their position can be adjusted by lightly tapping on them.

5. Now take your center skid plate and hold it up into its proper position. Make sure that each “L” bracket lines up with each of the six mounting points on the skid plate. If one or more positions do not line up set the skid plate aside and adjust the position of the “L” brackets until they all line up properly. Now you may tighten these fully. Once every “L” bracket is positioned correctly and tightened mount your center skid plate using the **8 x 20mm Button Head Bolts w/ standard 8mm washers**. Again it is best to leave these loose until you have all the bolts started, it is also recommended that you use a drop of oil or an anti-sieze compound in the nuts on these positions which will allow the bolt to thread through the locking part of the nut easier. Once all of the bolts have been threaded you may begin tightening while making sure the plate interlocks properly with the two adjacent plates.

10. Congratulations, you have finished the installation of your new skid plates. Please feel free to contact us with any questions or concerns at 1-866-273-1197

Fig. 1

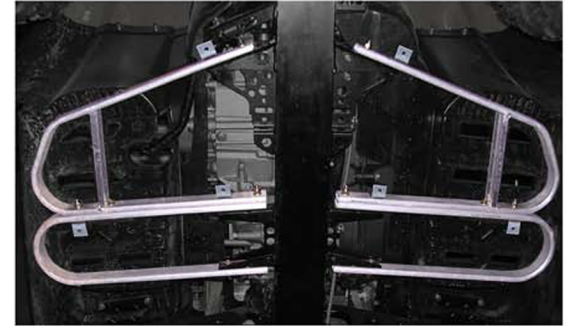
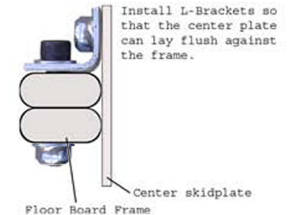


Fig. 2






Hardware List For Can-Am Outlander XXC Skid Plates (p.n 6679X)

Full Frame Skid Plates Hardware List

	#700-16 "L" Brackets Qty: 6		Standard 8mm Flat Washers Qty: 28
	6 x 25mm Hex Bolts Qty: 2		Standard 10mm Flat Washers Qty: 4
	10 x 30mm Hex Bolts Qty: 2		10mm Nylock Nuts Qty: 2
	8 x 20mm Button Head Bolts Qty: 6		8mm Nylock Nuts Qty: 10
	8 x 25mm Button Head Bolts Qty: 4		6mm Flat Washers Qty: 2
	8 x 45mm Allen Cap Bolts Qty: 4		6mm Lock Washers Qty: 2
	8 x 30mm Allen Cap Bolts Qty: 2		

A-Arm Guard Hardware List

	1" Clamps Qty: 8		Standard 8mm Flat Washer Qty: 8
	8 x 20mm Button Head Bolts Qty: 8		

Tools you will need



Metric Wrench Set



Metric Allen Hex Set. Socket or Wrench



T-40 Torx Socket or Wrench (included w/ full set)

Reuse Factory Bolts Here

679TX



- 8) 1" Clamps
- 8) 8 x 20mm B.H.
- 8) 8mm flat washers

678A

- 2) 8 x 25mm B.H.
- 4) 8mm flat washers
- 2) 8mm nylock nuts

- 2) 6 x 25mm hex bolts
- 2) 6mm lock washers
- 2) 6mm flat washers

679FX

- 2) 8 x 30mm Allen Cap
- 2) 8 x 20mm B.H.
- 6) 8mm flat washers
- 2) 8mm nylock nuts
- 2) #700-16 "L" brackets

- 4) 8 x 45mm Allen Cap
- 4) 8 x 20mm B.H.
- 12) 8mm flat washers
- 4) 8mm nylock nuts
- 4) #700-16 "L" brackets

- 2) 8 x 25mm B.H.
- 4) 8mm flat washers
- 2) 8mm nylock nuts

678R

- 2) 10 x 30mm hex bolts
- 4) 10mm flat washers
- 2) 10mm nylock nuts

6679X