



# 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.**

## Hardware List & Mounting Instructions for P/N 7833

### **Main Skid Plates** (p/n 715T, 783M)

- 3) #700-06 Nut Plates (8mm nut)
- 8) #700-47 Nut Plates (6mm nut)
- 2) 8 x 25mm Button Head Bolts
- 1) 8 x 40mm Button Head Bolts
- 2) 8 x 70mm Button Head Bolts
- 2) 5/16" x 1" Hex Bolts
- 8) 6 x 25mm Button Head Bolts
- 2) 5/16" Lock Washers
- 9) 8mm Flat Washers
- 8) 6mm Flat Washers
- 2) 8mm Nylock Nuts

### **Front A-Arm Guards** (p/n 748AFA, 748AFB)

- 6) 7/8" Clamps
- 6) 8 x 20mm Button Head Bolts
- 6) 8mm Flat Washers

### **Rear A-Arm Guards** (p/n 748ARA, 748ARB)

- 4) #826 Clamps
- 4) #700-06 Nut Plates
- 4) 8 x 30mm Button Head Bolts
- 4) 8 x 70mm Button Head Bolts
- 8) 8mm Flat Washers

### Installation Tips

1. Remove Factory Plastic A-Arm Guards
2. Review the hardware placement guide and organize hardware so it is easy to locate the hardware you need for each mounting point.
3. Mount the main skid plate first (783M), it is highly recommended that you use anti-seize or a little oil on the threads of each nut that is welded onto a nut plate or clamp. Hold the skid plate in place, feed each 8mm button head bolt through the mounting point and secure behind the frame using the nut plates or nylock nuts as indicated on your hardware placement guide.
4. Now Slide the smaller nut plates into the floorboard bracing bars and mount the "wing" parts of the skid plate using the 6 x 25mm Button Head Bolts.
5. Now mount the front bash plate (715T) with the hardware listed on your hardware placement guide
6. Finally mount your a-arm guards using the hardware listed on your hardware placement guide. After installation turn the front wheels full lock in both directions checking for interferences. If there is an interference loosen the clamps and adjust the position of the guard accordingly.

# Clamp & Hardware Placement Guide for P/N 7833

P/N 715T  
 5/16" x 1" Hex Bolts  
 5/16" Lock Washers  
 8mm Flat Washers

8 x 25mm Button Head  
 8mm Flat Washer  
 #700-06 Nut Plate

7/8" Clamps  
 8 x 20mm Button Head  
 8mm Flat Washer

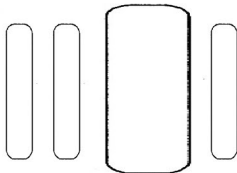
7/8" Clamps  
 8 x 20mm Button Head  
 8mm Flat Washer

P/N 748AFA

8 x 25mm Button Head  
 8mm Flat Washer  
 #700-06 Nut Plate

P/N 748AFB

6 x 25mm Button Head  
 6mm Flat Washers  
 #700-47 Nut Plate



6 x 25mm Button Head  
 6mm Flat Washers  
 #700-47 Nut Plate

8 x 40mm Button Head  
 8mm Flat Washer  
 #700-06 Nut Plate

P/N 783M

8 x 70mm Button Head Bolt  
 8mm Flat Washer  
 #700-06 Nut Plate

8 x 70mm Button Head Bolt  
 8mm Flat Washer  
 #700-06 Nut Plate

P/N 748ARA

P/N 748ARB

#826 Clamp  
 8 x 30mm Button Head Bolt  
 8mm Flat Washer

#826 Clamp  
 8 x 30mm Button Head Bolt  
 8mm Flat Washer

8 x 70mm Button Head  
 (2x) 8mm Flat Washers  
 8mm Nylock Nuts