



# 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 P/N 7885F

### Required Tools:

Hand-held Drill w/ 11/32" bit

Vice Grips

5" or larger C-Clamp

Ratchet with T-40 & T-30 TORX socket bits

1. Remove all factory plastic skid plates.

2. Most of the mounting points on the main skid plates will use an 8mm body clip, an 11/32" hole will need to be drilled in each one of these positions. You will use the skid plate itself to locate each drilling point.

3. Begin by mounting the front bash plate (785T). Refer to your hardware placement guide and install the hardware loosely at the front 4 mounting locations (A) only leaving the #700-92 bar clamp off for now.

4. Take the main skid plate (785M) and secure it in place by sliding it up under the front bash plate as shown in Fig 1. and with vice grips as shown in Fig 2. Line up the shared mounting point at the front of the main skid and the back of the bash plate. Take a moment to make sure the plate is completely square to the frame, you will not be able to adjust the position after this point.

5. Lock the plate into this position by installing the two front bolts (B) as shown in Fig 3.

6. Using a hand-held drill and an 11/32" bit match drill through each mounting point using a body clip (C).

7. Now remove the two bolts and take the main skid off. Insert an 8mm body clip at each drilled point as shown in Fig 5. You may need to use a flat head screwdriver in some spots to pull the metal away enough to get the clip in as shown in Fig 6.

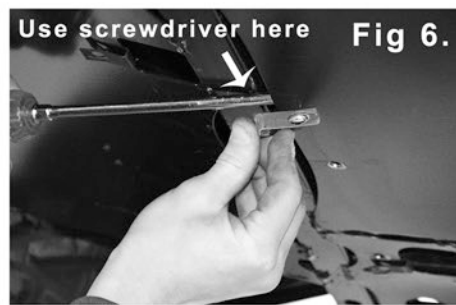
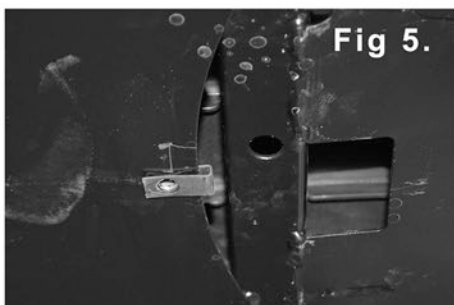
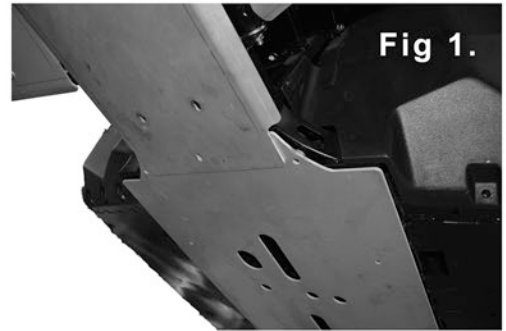
8. Now slide the main skid back underneath the front bash plate and install all hardware as shown on your hardware placement guide. Also finish mounting the front bash plate at this time.

9. Now using the same technique as in step 4 locate and drill the two holes required for the rear skid (785R). Insert 8mm body clips and install all the hardware on the rear skid.

10. Mount the outer skid plates (785FBA & B) using the step 4 technique once again by installing the front 2 bolts (D) and secure into place using a C-Clamp as shown in Fig 7. Again take a moment to make sure the plates are positioned exactly where you want them before moving on.

11. As before drill 11/32" holes (E), remove plates, insert 8mm body clips, then re-mount skid plates and install all hardware as shown on your hardware placement guide.

12. Install your front and rear a-arm guards (785A...) using the hardware and clamps shown on your hardware placement guide. After they are installed turn wheels full lock in both directions and make sure there is no interference. If there is loosen the guard and adjust its position accordingly.



## Hardware List for P/N 7885F

### Center Frame Skids (P/N 785T, 785M, 785R)

- 2) #700-37 Nut Plates
- 1) #700-92 Bar Clamp
- 2) #700-06 Nut Plates
- 10) 8mm Body Clips
- 19) 8 x 25mm Button Head Bolts
- 22) 8mm Flat Washers
- 2) 8mm Nylock Nuts
- 2) 6 x 40mm Button Head Bolts
- 2) 6 x 50mm Button Head Bolts
- 2) 6mm std. Flat Washers (*smaller*)
- 2) 6mm HD Flat Washers (*larger*)
- 4) 6mm Lock Washers

#700-37



#700-92



### Outer Skid Plates (P/N 785FBA, 785FBB)

- 14) 8mm Body Clips
- 14) 8 x 25mm Button Head Bolts
- 14) 8mm Flat Washers
- 4) 6 x 35mm Button Head Bolts
- 4) 6mm HD Flat Washers
- 4) 6mm Lock Washers

#700-06



### Front A-Arm Guards (P/N 785AFA, 785AFB)

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

### Rear A-arm Guards (P/N 785ARA, 785ARB)

- 6) 1 3/8" Clamps
- 6) 8 x 20mm Button Head Bolts
- 6) 8mm Flat Washers
- 2) 6 x 25mm Button Head Bolts
- 2) 6mm HD Flat Washers
- 2) 6mm Lock Washers

8mm Body Clip  
Av-ve-co 11630



# Clamp & Hardware Placement for P/N 7885F

