



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:

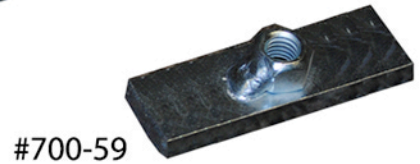
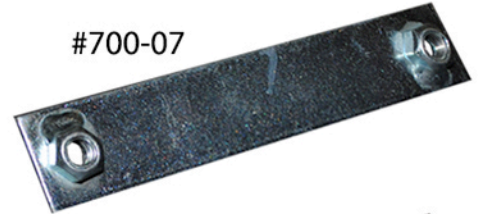
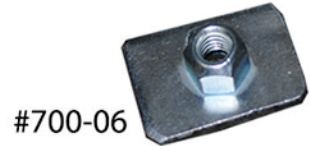
- Before you begin the installation organize all the included hardware according to the hardware placement sheet so you can quickly find the correct bolts and brackets when you need them.
- Install all bolts finger-tight at first until all hardware has been installed, this will give you maximum adjustability.
- 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 7666F

Center Frame Skid Plates (p/n 765T, 765M, 766R):

- 14) #833 Gold Cupped Washers (aluminum)
- 14) #832 Silver Cupped Washers (plastic)
- 2 #700-06 Nut Plates
- 2) #700-59 Nut Plate
- 2) 8 x 20mm Button Head Bolts
- 2) 8 x 25mm Button Head Bolts
- 14) 6 x 16mm Hex Flange Bolts
- 7) 8mm Flat Washers



Rock Sliders (p/n 765FBA, 765FBB):

- 5) #700-07 Nut Plates
- 10) 8 x 25mm Button Head Bolts
- 10) 8mm Flat Washers

Front A-Arm Guards (p/n 721AFA, 721AFB):

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

Rear A-Arm Guards (p/n 721ARA, 721ARB):

- 8) 1/4"-20 x 2" Button Head Bolts
- 16) 1/4" HD Flat Washers
- 8) 1/4" Nylock Nuts

UHMW Layer (optional) (p/n 766P1, 766P2):

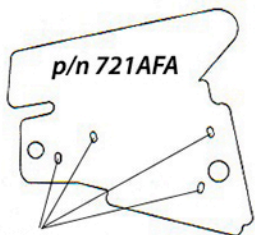
- 40) #833 Cupped Washers
- 40) 6mm Flange Bolts
- 1) #833-8 Cupped Washer (larger hole)

fig 1.



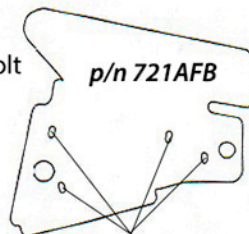
1. Begin by removing all of the factory plastic skid plates and a-arm guards.
2. It is highly recommended that you use a small amount of anti-seize or oil on the pinch style locking nuts welded to each bracket (not necessary on the nylock nuts used on the rear a-arm guards).
3. It doesn't matter which order you install the plates but be sure to leave all of hardware loose at first so the plates position can still be adjusted. Refer to the hardware placement guide to locate the position each type of hardware is to be used. The #700-07 nut plates need to be inserted into the floorboard bracing bars as shown in fig 1 above. Once the nut plates are inside the bracing bars they can be held in place through the access hole on the skid plate while you thread a bolt into each nut.
4. Once all of the plates are in place and all of the hardware is installed loosley you may begin tightening down the bolts, begin by tightening the cupped washers that bridge the transition between the center and rear plate making sure the two plates are butted securely against each other. Next tighten down the bolts on each floorboard guard making sure it butts securely against the center plates. Now you may tighten down the rest of the hardware.
5. If you are installing the optional UHMW layer, mount that now using the #833 cupped washer with 6mm Flange bolts in each threaded insert in the skid plate. Note on the hardware placement guide that in one position on the front bash plate (765T) there is one spot where a 8 x 25mm Bolt will need to be thread through the cupped washer with the larger hole (#833-8) and through both the UHMW and aluminum and secured to the #700-59 bracket.
6. Once you have completed the installation check for any interferences on the front & rear a-arm guards with the boots or any part of the wheel. If there is an interference loosen the hardware and adjust the plates position accordingly.

Clamp & Hardware Placement Guide for P/N 766F



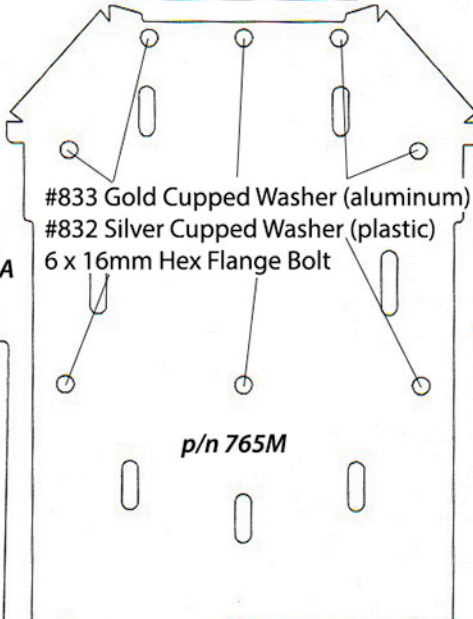
p/n 721AFA
 1" Clamps
 8mm Flat Washer
 8 x 20mm Button Head Bolt

#700-06 Bracket
 8mm Flat Washer
 8 x 20mm Button Head Bolt



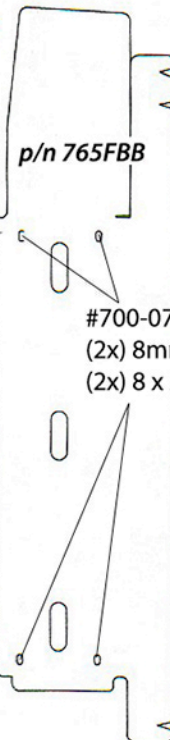
p/n 721AFB
 1" Clamps
 8mm Flat Washer
 8 x 20mm Button Head Bolt

*#700-59 Bracket
 8mm Flat Washer
 8 x 25mm Button Head Bolt

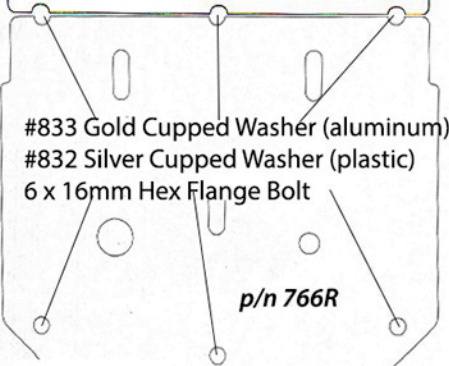


#833 Gold Cupped Washer (aluminum)
 #832 Silver Cupped Washer (plastic)
 6 x 16mm Hex Flange Bolt

p/n 765M



p/n 765FBB
 #700-07 Bracket
 (2x) 8mm Flat Washer
 (2x) 8 x 25mm Button Head Bolt

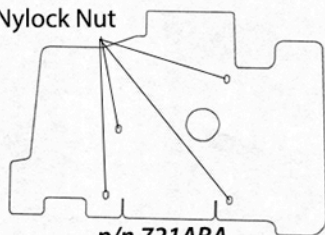


#833 Gold Cupped Washer (aluminum)
 #832 Silver Cupped Washer (plastic)
 6 x 16mm Hex Flange Bolt

p/n 766R

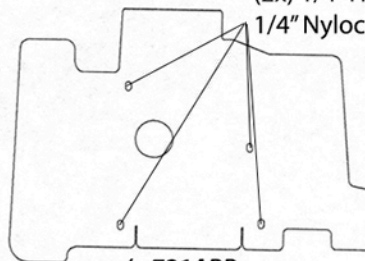
#700-59 Bracket
 8mm Flat Washer
 8 x 25mm Button Head Bolt

1/4-20 x 2" Button Head Bolt
 (2x) 1/4" HD Washers
 1/4" Nylock Nut



p/n 721ARA

1/4-20 x 2" Button Head Bolt
 (2x) 1/4" HD Washers
 1/4" Nylock Nut



p/n 721ARB

UHMW Layer
 (optional)

40) #833 Cupped Washers

40) 6mm Flange Bolts

* 1) #833-8 Cupped Washer (read below)

#700-07 Bracket
 (2x) 8mm Flat Washer
 (2x) 8 x 25mm Button Head Bolt

* In This location use #833-8 (has larger hole) w/ with the 8 x 25mm B.H. bolt fed through both UHMW and aluminum and threaded into #700-59 Bracket