

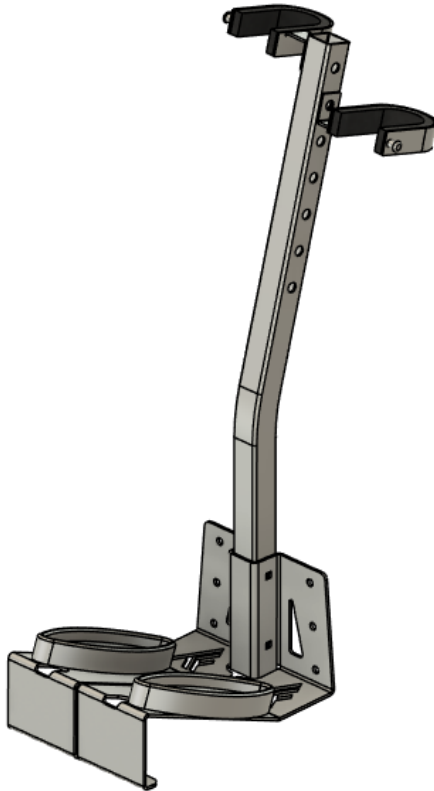


THUMPER FAB

Aluminum Audio Roofs ♦ Roll Cages ♦ UTV Accessories

Polaris Ranger 1500 Gun Mount

SKU: TF230904



Thumper Fab

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Ver. 0725

Polaris Ranger 1500

Gun Mount

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PARTS

REF	QTY	DESCRIPTION
1	1	Attachment Plate
2	1	Adjustable Pole
3	2	Gun Butt
4	2	Gun Clamps
HARDWARE KIT		
A	2	1/4"x2" Carriage Bolt
B	6	1/4" Flange Nylon Lock Nut
C	4	1/4" Flat Washer
D	4	1/4"x3/4" Button Head Screw
E	1	Square Tubing Plug
F	2	M10x50mm Flange Head Bolt
G	2	M10 Flange Nylon Lock Nut
H	8	Truss Head Screw

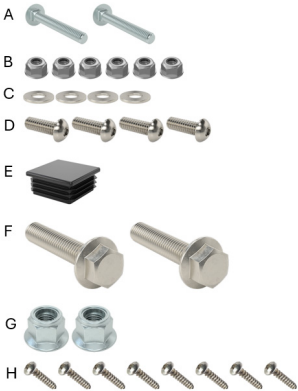
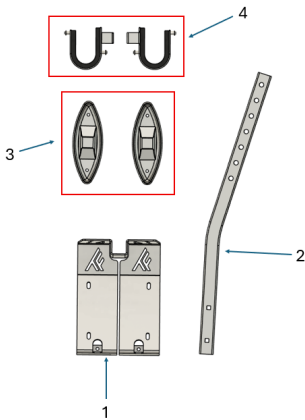
TOOLS

- Drill with Phillips Head Bit
- 1/8" Drill Bit
- 5/32" Allen Wrench
- 7/16" Socket and Wrench
- 15mm Socket and Wrench

Torque Specs:

SIZE (STANDARD)	GRADE 5	GRADE 8
5/16"	15 ft/lbs	20 ft/lbs
3/8"	30 ft/lbs	35 ft/lbs
7/16"	45 ft/lbs	60 ft/lbs
1/2"	65 ft/lbs	90 ft/lbs
9/16"	95 ft/lbs	130 ft/lbs
5/8"	135 ft/lbs	175 ft/lbs
3/4"	185 ft/lbs	280 ft/lbs

SIZE (METRIC)	CLASS 8.8	CLASS 10.9
6MM	5 ft/lbs	9 ft/lbs
8MM	18 ft/lbs	23 ft/lbs
10MM	32 ft/lbs	45 ft/lbs
12MM	55 ft/lbs	75 ft/lbs
14MM	85 ft/lbs	120 ft/lbs
16MM	130 ft/lbs	165 ft/lbs
18MM	170 ft/lbs	240 ft/lbs



BEFORE YOU BEGIN

If you do not feel comfortable installing your Thumper Fab Gun Mount, please see your nearest Polaris® Dealer for installation.

INSTALLATION INSTRUCTIONS

Installation Preparation

Fasten the attachment plate to the adjustable pole using 2 X 1/4"x2" carriage bolts and 2 X 1/4" flange nylon lock nuts. Tighten with a 7/16" socket (**FIG 1**).



FIG 1 - Mount Adjustable Pole to Attachment Plate

Fasten the gun clamps to the adjustable pole using 2 X M10x50mm flange head bolts and 2 X M10 flange nylon lock nuts. Tighten using a 15mm socket and wrench (**FIG 2**).



FIG 2 - Mount Gun Clamps to Adjustable Pole

INSTALLATION INSTRUCTIONS

Installation Preparation

Fasten the 2 X gun butts to the attachment plate using 4 X 1/4"x3/4" button head screws and 4 X 1/4" flange nylon lock nuts. Tighten with a 7/16" socket and a 5/32" allen wrench (**FIG 3**).

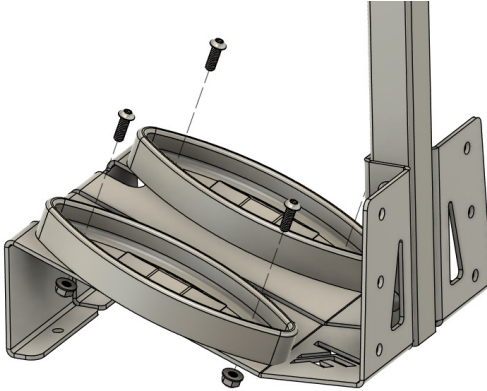


FIG 3 - Mount Gun Butts to the Attachment Plate

Install square tubing plug in adjustable pole. It may help to use a rubber mallet to fully seat the tubing plug (**FIG 4**).



FIG 4 - Insert Square Tubing Plug in Adjustable Pole

INSTALLATION INSTRUCTIONS

Installation Preparation

Place the gun mount assembly in the center floorboard on the inside of the vehicle. Mount can be installed in either the front or rear passenger compartment. Mark the holes to be pre-drilled before mounting attachment plate to the vehicle (**FIG 5**).



FIG 5 - Mark holes to be drilled using Attachment Plate as a template

Drill the marked holes using an 1/8" drill bit as a pilot hole (**FIG 6**).



FIG 6 - Drill the marked holes using an 1/8" drill bit

INSTALLATION INSTRUCTIONS

Installation

Use the 8 X truss head screws to securely fasten the attachment plate to the floorboard of the vehicle (**FIG 7**).

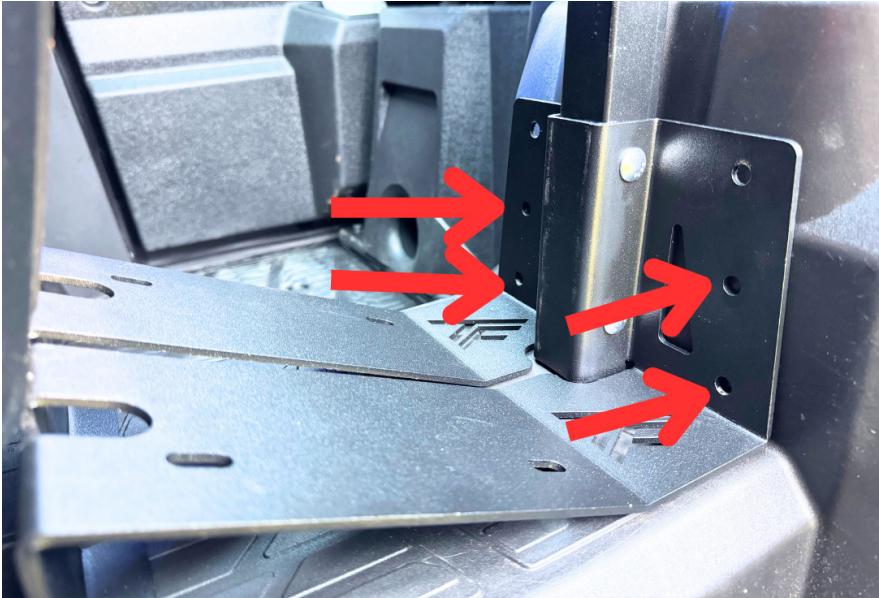


FIG 7 - Mount the Gun Mount Assembly to the Floorboard

INSTALLATION INSTRUCTIONS

Installation for Ranger XP 1000

Use the 4 lower hole in the mount plate when installing in a Ranger XP 1000. The extra screws can be discarded after installation is complete.



**RANGER XP 1000 WILL USE 4 LOWER HOLES FOR
UPPER INSTALLATION**

INSTALLATION INSTRUCTIONS

PRODUCT DISCLAIMER

The installation of products sold or manufactured by Thumper Fabrication, LLC (Thumper Fab) including, but not limited to suspension components such as lift kits, audio roofs, roll cages, frame stiffener kits, and tires that exceed the original specifications for the vehicle, may change the vehicle's center of gravity and handling characteristics both on- and off-road. You are aware that the installation of tires that are larger than original vehicle specifications may reduce the effectiveness of the braking system. Use of these products may place added stress to the original factory vehicle components which could cause them to weaken or possibly fail.

Products sold or manufactured by Thumper Fab are intended for off-road use only. Operation of a vehicle modified with these products on a road could result in serious bodily injury or death, and such operation may violate the laws of your state or municipality. You agree to operate your vehicle exclusively in the manner intended by the vehicle manufacturer. You agree that failure to safely and reasonably operate your vehicle could result in serious bodily injury or death, and that, as a result of installation of this product(s) to your vehicle, extreme care must be taken to prevent vehicle rollover or loss of control, which may be more likely to occur as a result of said modifications. You will avoid unsafe maneuvers, including sudden sharp turns or other abrupt maneuvers, which could make a vehicular accident more likely. You understand that Thumper Fab is not responsible or liable for any damages or any injuries to yourself or your passengers that could occur upon possible accidents due to driver error, incorrect installations, bad judgment, incompatibility with other aftermarket accessories or natural disasters to the fullest extent allowable by law. You will have all vehicle occupants fasten seatbelts, if equipped, and wear proper safety equipment, such as DOT approved helmet and eye protection prior to operating the vehicle. You understand and acknowledge that failure to wear proper safety equipment may increase the risk of serious bodily injury or death to yourself and any passengers.

Proper installation of products sold or manufactured by Thumper Fab requires knowledge of the factory recommended procedures for removal and installation of original equipment components. Installation of these products without proper knowledge and experience may affect the performance of these components and the safety of the vehicle and cause serious bodily injury or death. It is strongly recommended that a certified mechanic familiar with the installation of similar components perform the product(s) installation.

Prior to installing any products sold or manufactured by Thumper Fab, you will perform or cause to be performed an inspection of their vehicle to confirm its condition is suitable for the installation of these products. A proper inspection of the vehicle includes confirmation that the vehicle has not been in a collision and is free of corrosion. If the vehicle is suspected to have been in a collision or misused, or is otherwise unsuitable for modification, you will not install the product(s). You will continue to inspect the vehicle prior to each use to confirm its condition is suitable for its intended use, and you acknowledge that the failure to do so may result in serious bodily injury or death, as well as damage to the vehicle itself.

You will install any warning labels provided with the product so it may be prominently seen by yourself and all passengers. You will notify all passengers of the modifications performed to your vehicle prior to operation.

Insurance companies may handle coverage of a modified vehicle differently. Please check with your insurance carrier prior to modifying the vehicle to ensure your coverage remains sufficient. Installation of this product(s) may void your vehicle warranty. If this is a concern, please check with the manufacturer or dealer before purchase or installation of this product(s).



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