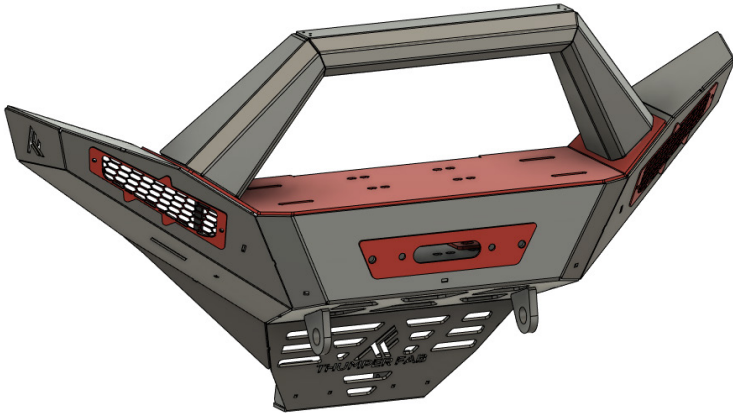


**Polaris Ranger 1500XD**  
**Front Winch Bumper**

SKU: TF230501



**Thumper Fab**  
5103 Elysian Fields Rd, Marshall, TX 75672  
Customer Service: 903-472-0928

# Polaris Ranger 1500XD

## Front Winch Bumper

SKU: TF230501



### PARTS

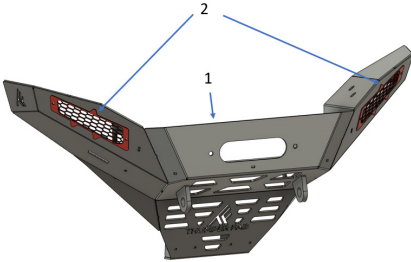
REF	QTY	DESCRIPTION
1	1	Bumper Main Body
2	2	Light Bar Covers
<b>OPTION 1</b>		
3	1	Fairlead Cover Plate ( <b>OPTIONAL</b> )
4	1	Small Winch Cover Plate ( <b>OPTIONAL</b> )
5	1	Access Cover Plate (for mounting winch inside bumper) ( <b>OPTIONAL</b> )
<b>OPTION 2</b>		
6	1	Bull Bar ( <b>OPTIONAL</b> )
7	2	Bull Bar Shims ( <b>OPTIONAL</b> )
<b>OPTION 3</b>		
8	2	6 Inch Slim Light ( <b>OPTIONAL</b> )
9	1	Light Bar Bracket - Outer - DR ( <b>OPTIONAL</b> )
10	1	Light Bar Bracket - Outer - PA ( <b>OPTIONAL</b> )
11	1	Light Bar Bracket - Inner - DR ( <b>OPTIONAL</b> )
12	1	Light Bar Bracket - Inner - PA ( <b>OPTIONAL</b> )
12		

# Polaris Ranger 1500XD Front Winch Bumper

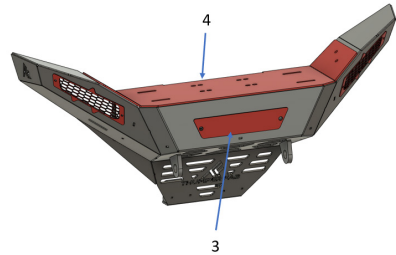
SKU: TF230501



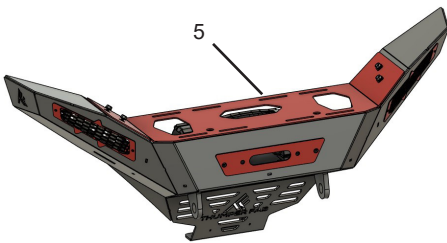
## BASE OPTION



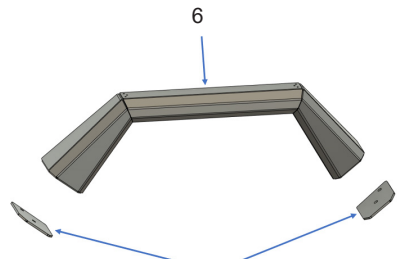
## OPTION 1



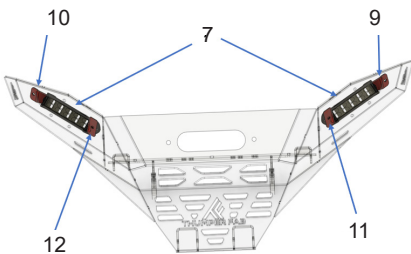
## OPTION 2



## OPTION 3



## OPTION 4



# Polaris Ranger 1500XD

## Front Winch Bumper

SKU: TF230501



### HARDWARE

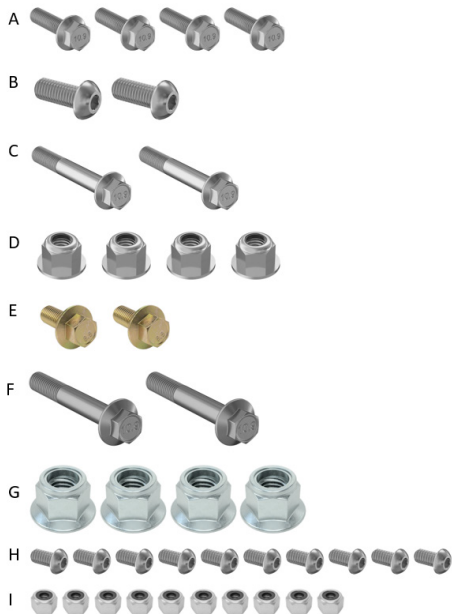
HARDWARE KIT		
A	4	M8x25mm Flange Head Bolts
B	2	M10x25mm Button Head Screw
C	2	M10x65mm Flange Head Bolt
D	4	M10 Flanged Nylon Locknut
E	2	M12x30mm Flange Head Bolt
F	2	M12x80mm Flange Head Bolt
G	4	M12 Flanged Nylon Lock Nut
H	10	1/4" x 1/2" Button Head Screw
I	10	1/4" Nylon Lock Nut

### TOOLS

- 13mm Wrench
- 15mm Wrench
- 18mm Wrench
- 7/16" Wrench
- 13mm Socket
- 15mm Socket
- 18mm Socket
- 6mm Allen
- 5/32" Allen

### BEFORE YOU BEGIN

If you do not feel comfortable installing your **Thumper Fab** Front Winch Bumper, please see your nearest Polaris® Dealer for



# INSTALLATION INSTRUCTIONS

## Installation Preparation

Before installing the bumper onto the vehicle, it will be easiest to install options on the bumper before hand for maximum fastener access. For the installation shown in this manual we relocated the OEM lights to the Thumper Fab Bumper and went with the Bull Bar Option along with a big winch.



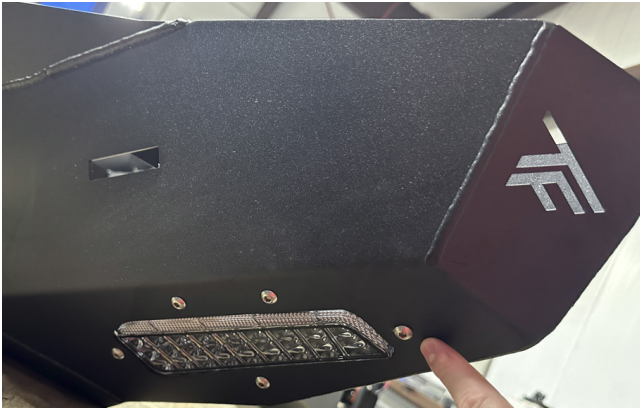
**FIG 1 - Front Bumper with Bull Bar Option, OEM Lights Relocated, and Big Winch**

The first step in preparation for installation will be installing lights in the wings, if applicable. This bumper allows for relocation of the OEM wing lights or the option to mount Thumper Fab 6 inch slim lights with provided brackets (**OPTION 3**).

For the relocation of the OEM wing lights, you will remove the OEM wing lights from the OEM bumper and then mount them to the Thumper Fab Bumper using 10 x 1/4" x 1/2" button head screws and 10 x 1/4" nylon lock nuts using a 5/32" allen and 7/16" socket or wrench (**FIG 2**).

For the installation of Thumper Fab 6 inch slim lights (**OPTION 3**), fasten the light bar covers and light bar mount brackets to the driver and passenger side wings using 4 x 1/4" x 1/2" button head screws and 4 x 1/4" nylon lock nuts using a 5/32" allen and 7/16" wrench or socket. Mount the 6 inch slim light bars to the brackets using the hardware and tools provided in the 6 inch light bar box.

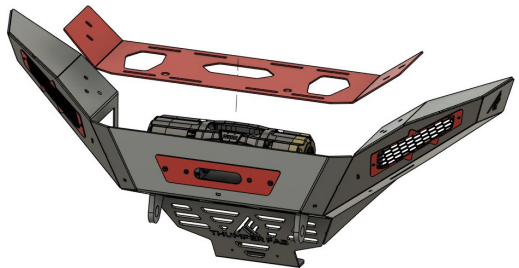
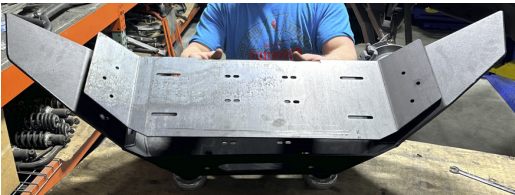
# INSTALLATION INSTRUCTIONS



**FIG 2 - Install OEM Lights in wings using 7/16" Wrench and 5/32" Allen**

This bumper allows for multiple winch mounting locations depending on which option is chosen at time of purchase. The primary winch mounting location allows for "Big Winch" to be mounted, recessed behind the main shell of the bumper. The secondary winch mounting location mounts the winch level with the top of the main shell of the bumper and requires the purchase of **(OPTION 1)**.

**(OPTION 1)** includes a fairlead cover plate **(3)** and a small winch cover plate **(4)**. If the secondary winch mounting location (Raised Mounting) is desired, mounting the fairlead cover plate **(3)** and small winch cover plate **(4)** is the next step in the installation preparation **(FIG 3 & 4)**.



**If installing Small Winch Cover Plate (4) (FIG 3) or the Access Cover Plate (5) (FIG 4), place into position on top of bumper wings**

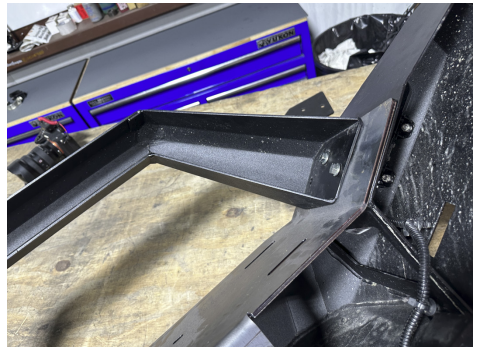
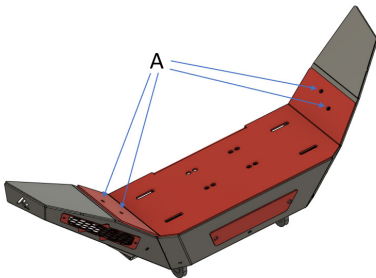
## INSTALLATION INSTRUCTIONS

Loosley fasten 2 lower bolts that fasten the small winch cover plate (4) or access cover plate (5) to the primary winch mount plate using 2 x M12x30mm flange head bolts (E) and 2 x M12 flanged nylon lock nuts (G). Loosley tighten using a 15mm socket and 18mm wrench (FIG 5).



**FIG 5 - Loosley fasten lower mount for Small Winch Cover Plate using 15mm Socket and 18mm Wrench**

The next step depends on if the bull bar option (OPTION 2) was purchased or not. If the bull bar option was not purchased, install 4 x M8x25mm flange head bolts (A) into the weldnuts found on the inside of the wings (FIG 6). If the bull bar was selected (OPTION 2), use the 4 x M8x25mm flange head bolts (A) to fasten the bull bar (6) and small winch cover plate (4) or access cover plate (5) to the bumper main body (1). Tighten using 13mm socket or wrench (FIG 7).



**FIG 6 & FIG 7 - Depending on if Bull Bar was Selected, Tighten Small Winch Cover Plate (4) or Access Cover Plate (5) and Bull Bar (6) to Bumper using 13mm Socket**



## INSTALLATION INSTRUCTIONS

If going with a big winch option and chose the bull bar option (**OPTION 2**), bolt the bull bar (**6**) to the bumper with the shims (**7**) placed in between the bottom side of the bullbar and the top sides of the wings. Fasten using 4 x M8x30mm flange head bolts (**A**) and tighten using a 13mm socket (**FIG 8**).



**FIG 8 - Fasten Bull Bar (6) and Shims (7) to bumper using 13mm Socket**

With the bumper prepared with selected options, have someone assist placing the bumper into position. Place the 2 x M10x65mm flange head bolts (**C**) through the bumper and upper mounts on the frame to allow bumper to hang on vehicle. Thread 2 x M10 flanged nylon lock nuts (**D**) onto bolts and loosly tighten using a 15mm socket and 15mm wrench (**FIG 9**).



**FIG 9 - Loosely Fasten upper mounts using 15mm Socket and 15mm Wrench**



## INSTALLATION INSTRUCTIONS

Fasten lower bumper mounts using 2 x M12x80mm flange head bolts (F) and 2 x M12 flanged nylon lock nuts (G). Tighten using 18mm socket and 18mm wrench. Once tight, fully tighten upper mounts using 15mm socket and 15mm wrench (FIG 10).

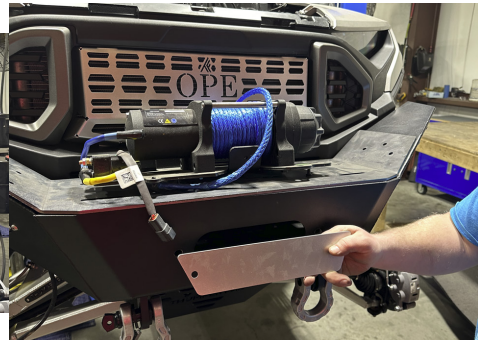


**FIG 10 - Fasten Lower bumper mounting hardware using 18mm Socket and 18mm Wrench. Tighten Upper mounting hardware fully afterwards**

Depending on your selected winch position (Whether or not **OPTION 1** was selected), the next step will be to mount your fairlead, or fairlead cover plate (3) along with the winch in its respective position. Use 2 x M10x25mm button head screws (B) and 2 x M10 flanged nylon lock nuts (D) to mount fairlead cover plate (3) to bumper body (1). Tighten using 6mm allen and 15mm socket. (FIG 11 & FIG 12).



**FIG 11 - Primary Winch Mounting Position. Mount Fairlead and Winch, wire according to winch manufacturers instructions**



**FIG 12 - Secondary Winch Mounting Position. Mount Fairlead Cover Plate (3) and Winch, wire according to winch manufacturers instructions**

# 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).



**THUMPER FAB**

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[www.thumperfab.com](http://www.thumperfab.com)