



THUMPER FAB

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POLARIS RANGER 570 REAR WINCH BUMPER

SKU: TF100601



Thumper Fab

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Customer Service: 903-472-0928

www.thumperfab.com

Ver. 0122

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PARTS

REF	QTY	DESCRIPTION
1	1	Bumper Body
2	1	Driver's Side Mount Bracket
3	1	Passenger's Side Mount Bracket
HARDWARE KIT		
A	10	3/8"x1" Button Head Cap Screw
B	6	1/4"-20x3-3/4" Hex Bolt
C	8	1/4" Small Flat Washer
D	6	1/4"-20 Nylock Nut
E	4	1/4" Fender Washer
F	2	3/8"-16x3-1/2" Hex Bolt
G	8	3/8" Flat Washer
H	4	3/8"-16 Nylock Nut
I	8	3/8"-16 Lock Washer
LIGHT KIT		
J	2	Cube Lights
K	1	Light Harness
L	1	Rear Light Switch

TOOLS NEEDED

- 7/16" Wrenches/Sockets
- 9/16" Wrenches/Sockets
- T20 Torx Driver
- T27 Torx Driver
- T30 Torx Driver
- 7/32" Allen Wrench
- Drill
- 9/32" Twist Bit
- Flat Head Screwdriver

BEFORE YOU BEGIN

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

INSTALLATION INSTRUCTIONS

Removing Tail Light Harness

Use a T20 Torx Driver to remove the passenger side tail light (**Fig 1**). Unclip the tail light from the light harness (**Fig 2**). Cut zipties holding harness to the Ranger frame. Pop open clips that attach the harness to the frame using a flat head screwdriver. (**Fig 3**)



FIG 1



FIG 2



FIG 3

Drilling Holes for Mounting Brackets

Use a T27 Torx Driver to remove the 2 bolts closest to the tailgate on the Ranger bed (**FIG 4**). Using a 9/32" Twist Bit, drill through the 2 divots on each side of the channel (for a total of 4 holes) underneath the Ranger (**FIG 5**). Drill all the way up through the bed plastic (**FIG 6**).



FIG 4



FIG 5

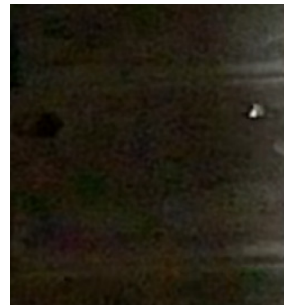


FIG 6

INSTALLATION INSTRUCTIONS - Continued

Installing Mount Brackets

Fit the mount brackets up to the chassis. Use the **1/4"** and **3/8"** hardware to attach the brackets. Use **1/4"** hardware on the mounting point closest to the front of the vehicle, and the **3/8"** Hardware on the mounting point closest to the rear of the vehicle (**FIG 7**).

For the **1/4"** mount point, run the hardware
1/4"-20 x 3 3/4" Bolt → **1/4" Flat Washer** → **Chassis** → **Bracket** → **Chassis** → **1/4" Flat Washer** → **1/4" Nylock Nut**

For the **3/8"** mount point, run the hardware
3/8"-16 x 3 1/2" Bolt → **3/8" Flat Washer** → **Chassis** → **Bracket** → **Chassis** → **3/8" Flat Washer** → **3/8" Nylock Nut**

DO NOT TIGHTEN



FIG 7

Use the remaining **1/4"** hardware on the mounting point closest to secure the mount brackets through the Ranger Bed. (**FIG 8**).

Run the hardware
1/4"-20 x 3 3/4" Bolt → **1/4" Fender Washer** → **Bed** → **Bracket** → **1/4" Flat Washer** → **1/4" Nylock Nut**



FIG 8

INSTALLATION INSTRUCTIONS - Continued

Tighten All Mount Bracket Hardware

Begin with the bolts that go through the bed. Use 7/16" sockets or wrenches to tighten 1/4" hardware, and 9/16" sockets or wrenches to tighten 3/8" hardware

Installing Bumper Body

Position the bumper body on the mount brackets. Use 8 of the 3/8" x 1" button head cap screws and the 3/8" split lock washers to attach the bumper to the mount brackets through the holes on the front of the bumper (**FIG 9**). This hardware will screw into weld nuts on the mount brackets. Use a 7/32" Allen Wrench to drive the button head cap screws.



FIG 9

Use the remaining 2 3/8" x 1" button head cap screws to attach the bumper to the mount brackets through the holes near the winch mount (**FIG 10**). Run the hardware

3/8" x 1" BHCS → 3/8" Flat Washer → Bumper → Bracket → 3/8" Flat Washer → 3/8" Nylock Nut.



FIG 10

Use a 9/16" socket or wrench and a 7/32" Allen wrench to tighten above hardware. Tighten any remaining hardware.

INSTALLATION INSTRUCTIONS - Continued

Reinstalling Tail Light

Route Tail Light harness through holes in mount brackets (**FIG 11**)



FIG 11

Use clips to resecure tail light harness to frame. If needed, use zipties to secure further.

Reattach Harness to tail light. Resecure tail light using previously removed hardware.

INSTALLATION INSTRUCTIONS

Connecting Light Harness

Open the hood of the ranger. WITH POWER OFF AND KEY REMOVED, connect the red lead of the wiring harness to the middle lead on the bus bar, and the black lead of the wiring harness to the bottom lead on the busbar (**FIG 12**). Ground the relay to the Ranger Frame (**FIG 13**). Remove one of the accessory switch slots from your dash. For the switch to fit, you may need to file the plastic to make the slot slightly larger. Pull the black, white, and blue leads through the slot, then connect them to the switch, in the order of black, white, and blue from top to bottom (**FIG 14**)



FIG 12



FIG 13



FIG 14

LIGHT KIT INSTALLATION

Run the harness through the channel underneath the hood. Use a T30 Torx Driver to remove the cover to channel in the floor-board (**FIG 15**). Feed the harness through the channel. Zip tie to existing harnesses to keep neat.



FIG 15

Raise bed and run the harness along the main driver rail (**FIG 16**). Zip tie periodically to secure. Leave the short light connector of the harness on the driver's side. Run the long light connector along the same rail as the tail light harness. Secure using zip ties or the same clips that the tail light harness utilizes. Install cube lights into bumper using included hardware (**FIG 17**). Plug cube lights into harness (**FIG 18**).



FIG 16



FIG 17

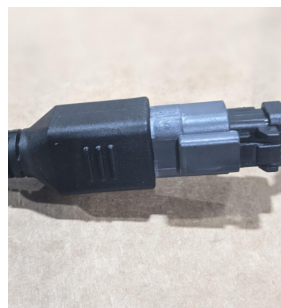


FIG 18



For additional help with installation, checkout out our
YouTube channel or send us an email to
support@thumperfab.com

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