

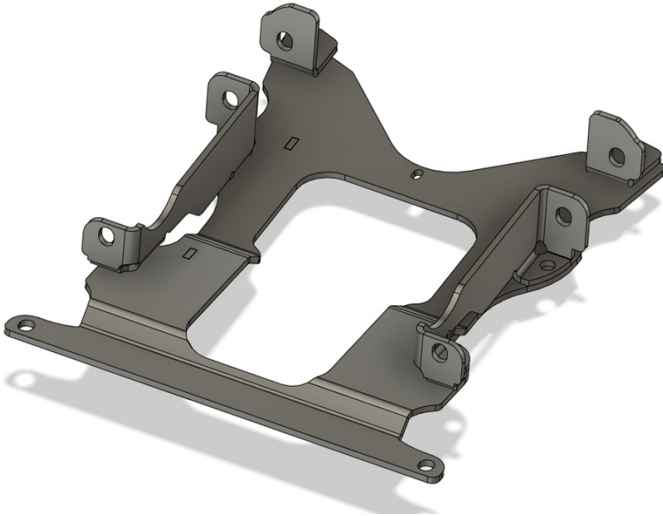


THUMPER FAB

Aluminum Audio Roofs ♦ Roll Cages ♦ UTV Accessories

Polaris Ranger **Front Frame Stiffener**

SKU: TF010008



Thumper Fab

5103 Elysian Fields Rd, Marshall, Tx 75672

Customer Service: 903-472-0928

www.thumperfab.com

Ver. 0522

Polaris Ranger

Front Frame Stiffener

SKU: TF010008



PARTS

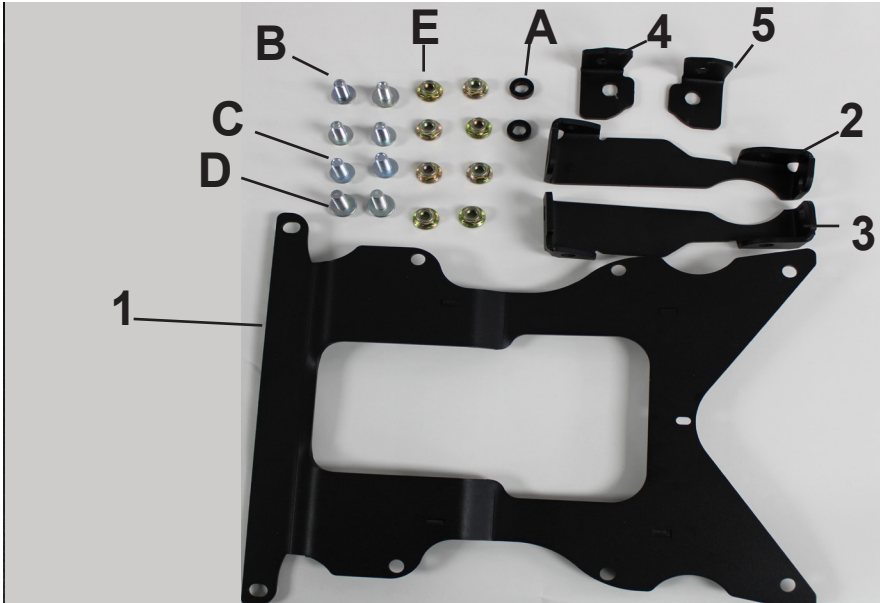
REF	QTY	DESCRIPTION
1	1	Main Plate
2	1	Driver Middle Stiffener
3	1	Passenger Middle Stiffener
4	1	Driver Rear Stiffener
5	1	Passenger Rear Stiffener
HARDWARE		
A	2	Spacers
B	4	M10-1.5 x 30mm Flange Bolt
C	2	M10-1.5 x 25mm Flange Bolt
D	2	M10-1.5 x 35mm Flange Bolt
E	8	M10-1.5 Lock Nut

TOOLS

- Ratchet
- T40 Torx
- 15mm Socket
- 18mm Socket
- 15mm Wrench
- 18mm Wrench
- Drill
- 13/32 Drill Bit
- Prybar

BEFORE YOU BEGIN

If you do not feel comfortable installing your **Thumper Fab FRONT FRAME STIFFENER**, please see your nearest **POLARIS® Dealer** for installation.



INSTALLATION INSTRUCTIONS

Remove Tires, Front Bumper, Lower A-arm Bolts

Place unit in park, then safely jack up using jack stands and remove the tires, front bumper (15mm socket & 15mm wrench) and lower A-arm bolts (18mm socket & 18mm wrench). Remove factory front center skid plate bolt (T40 torx) (FIG 1).



FIG 1 - Remove Tires, Front Bumper, Lower A-arm Bolts

Install the Middle Stiffeners

Using the factory T40 fastener to hold the main plate (1) in place, hand tighten. Install middle stiffeners (2 & 3) into place, the middle stiffeners will fit snugly, a prybar may be needed. The bent tabs go on the outside. Loosely reinstall lower A-arm mounting bolts to hold the middle stiffeners in place (FIG 2).



FIG 2 - Use A-arm Factory Bolts to Hold Middle Stiffener in place

INSTALLATION INSTRUCTIONS

Install Main Plate

Install the main plate hardware using 2 X M10-1.5 x 35mm flange bolts (D) with supplied spacers (A) and 2 X M10-1.5 lock nut (E) in the second holes back from the front of the main plate (1). The spacers (A) go between the frame and the stiffener, finger tight. (FIG 3)



FIG 3 - Install Spacers (A) between Frame and Main Plate (1) using 15mm Wrench & 15mm Socket Finger Tighten

Using the 15mm socket and 15mm wrench to loosely fasten the 2 X M10-1.5 x 30mm flange bolts (B) & 2 X M10-1.5 lock nuts (E) in the third holes back from the front of the main plate (1) (FIG 4).



FIG 4 - Using 15mm Wrench & 15mm Socket Loosely attach Main Plate (1) to Frame

INSTALLATION INSTRUCTIONS

Install Rear Stiffeners

Using the rear most holes located in the main plate (1) as a template, drill rear holes through factory frame using 13/32" drill bit (FIG 5).



FIG 5 - Use 13/32" Drill Bit to Drill Holes in Factory Frame

With the rear lower A-arm bolts slightly removed, place bolts in rear holes (4 & 5) before fully reseating A-arm bolts (FIG 6). Use 2 X M10-1.5 x 25mm flange bolts (C) & 2 X M10-1.5 lock nuts (E) to loosely fasten rear stiffeners using 15mm socket & 15mm wrench (FIG 7).



FIG 6 - Slightly Remove Factory A-arm Bolt



**FIG 7 - Loosely install Bolt & Nut
15mm Wrench & 15mm Socket**

INSTALLATION INSTRUCTIONS

Install Front Bolts

Loosely reinstall front bumper upper mounting bolts. With the 15mm wrench & 15mm socket install the 2 X M10-1.5 x 30mm flange bolts (B) into the front most holes of the main plate (1), through front bumper & frame securing with 2 X M10-1.5 lock nuts (E) (FIG 8).

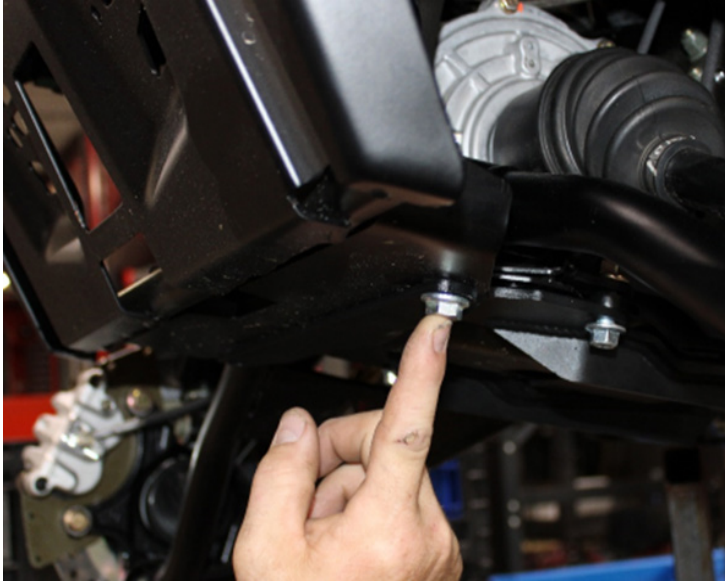


FIG 8 - Tighten Bolts (B) using 15mm Socket & 15mm Wrench

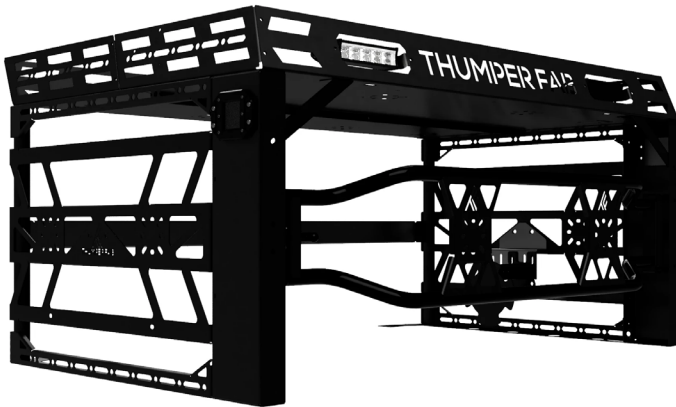
Fully Tighten All Bolts

Tighten all frame stiffener mounting bolts, lower A-arm mounting bolts, front bumper attachment bolts, & factory T40 torx skid plate mounting bolts. Be sure to torque all factory bolts to factory specs and all M10 bolts to 65 FT LBS. Reinstall tires and lower vehicle to the ground.

Enjoy your new Thumpin' accessory!

Enjoying your Thumper Fab Frame Stiffener?

Check out these other Thumpin' products
for your Polaris Ranger 1000!



**TF011902, TF011903 - Ranger Bed Rack,
Rear Door, Spare Tire Carrier, and Light
Options Available!**



THUMPER FAB

Thumper Fab

5103 Elysian Fields Rd, Marshall, Tx 75672

Customer Service: 903-472-0928

www.thumperfab.com