

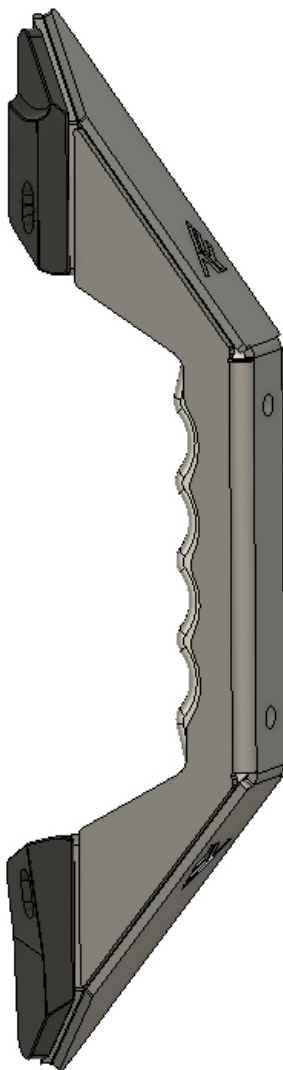
THUMPER FAB

Aluminum Audio Roofs ♦ Roll Cages ♦ UTV Accessories

ALUMINUM AUDIO ROOFS • ROLL CAGES • UTV ACCESSORIES

RANGER 1500 REAR Grab Handle

SKU: TF230008



Thumper Fab

5103 Elysian Fields Rd, Marshall, TX 75672

Customer Service: 903-472-0928

www.thumperfab.com

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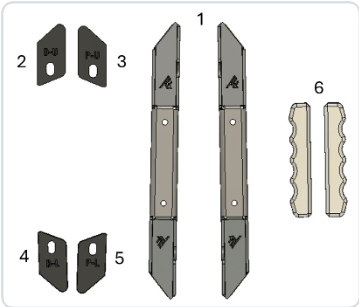
PARTS

REF	QTY	DESCRIPTION
1	2	Ranger 1500 - Rear Grab Handle
2	1	Rear Upper Spacer - Driver
3	1	Rear Upper Spacer - Passenger
4	1	Rear Lower Spacer - Driver
5	1	Rear Lower Spacer - Passenger
6	2	Billet Grab Handle - Grip
7	2	Double Sided Tape
HARDWARE KIT		
A	4	M8 x 25mm Button Head Screw
B	4	1/4"-20 x 3/4" Button Socket Cap Screw
C	1	Expendable Rivet Nut Installation Tool M8-1.25
D	4	M8-1.25 Rivet Nut (Round)

TOOLS

- Drill
- 1/4" Drill Bit
- 17/32" Drill Bit
- Marker
- Center Punch
- 5/32" Allen Wrench
- 5mm Allen Wrench
- 9/16" Wrench
- 13mm Socket and Wrench
- Box Knife

PARTS



HARDWARE



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INSTALLATION

Step 1. Grab Handle Preparation



Apply double sided tape "rectangles" to the mounting surface of the grab handle. Fig. 1

! Do not cover mounting hole!



Attach spacers to double sided tape. Each spacer is marked with either "DU", "DL", "PU", or "PL" which represents the location the spacer is intended to be installed with DU standing for Driver Upper, DL for Driver Lower with the passenger side spacer similarly labeled. Spacers should be applied to grab handle with letter side toward the grab handle. Fig. 2

! Make sure mounting holes are not blocked by spacers which may make marking mounting holes more challenging.

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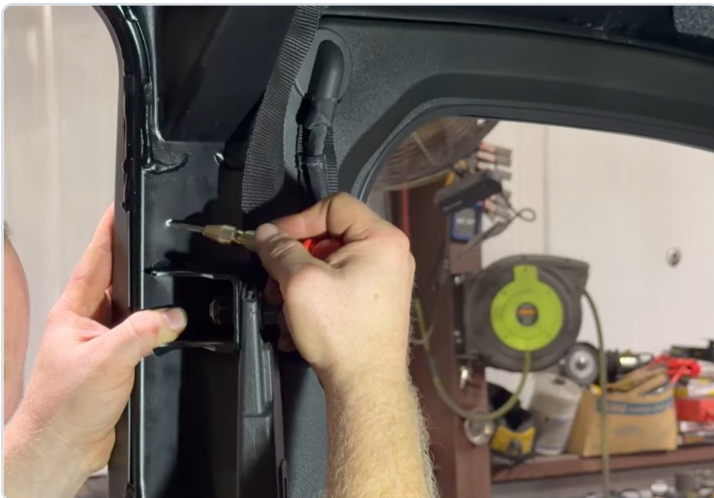


Step 2. Prepare the vehicle



Mark the mounting holes for the grab handle using a light-colored marker. Make sure the grab handle is far enough away from the front upper seat belt brackets located on the roll cage that the grab handle is still easy to use. Fig. 3

! Mark the center of the slot when transferring the mounting hole from the grab handle to the roll cage.



Use a center punch on the marked holes to prevent the drill bit from "walking" off the center of the intended hole. Fig. 4

! Be sure to center the punch as much as possible for accurate hole transfer.

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Step 3. Install Rivet Nuts



Use the 1/4" drill bit to drill the pilot holes at the marked and center punched locations. Once drilled, step the hole up to a 17/32" hole using the proper drill bit. Fig. 5

! Be careful to only drill through the inside face of the roll cage.



Install the rivet nuts in the drilled holes by holding the installation tool still with a 9/16" wrench and tightening using a 13mm socket. Fig. 6

! Do not over tighten rivet nuts as they can easily strip out.

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Step 4. Install the grab handle



Fasten the grab handle to the rivet nuts using the M8x25mm button head screws located in the hardware kit. Once both screws are started, tighten them evenly using a 5mm allen wrench. Fig. 7

! Do not over tighten.



Fasten the billet grab handle - grip to the inside of the grab handle using the 1/4" button head screws. Tighten using a 5/32" allen wrench. Fig. 8

! Do not over tighten.



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