



# Installation Instructions

## Truck Bed Brace

### M4150

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## SAFETY

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### Your safety and the safety of others is very important.

- In order to help you make informed decisions about safety, we have provided installation instructions and other information.
- These instructions alert you to potential hazards that could hurt you or others.
- Please do a job safety analysis (JSA) before each task to identify potential hazards for your situation and remove/protect against them.
- You must use your own good judgment, and take your time.

**Read and understand all safety precautions and instructions before installing this product.**

THIS PRODUCT IS FOR OFFROAD USE ONLY. ALL LIABILITY FOR INSTALLATION AND USE RESTS WITH THE OWNER.

**CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE.**

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## Injury hazard

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### Failure to observe these instructions could lead to severe injury or death.

- Always** remove jewelry and wear eye protection.
- Always** use extreme caution when jacking up a vehicle for work. Set emergency brake and use tire blocks. Locate and use the vehicle manufacturers designated lifting points. Use jack stands.
- Always** use appropriate and adequate care in lifting components into place.
- Always** insure components will remain secure during installation and operation.
- Always** wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause serious eye injury.
- Always** use extreme caution when drilling on a vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged.
- Always** use extreme caution when cutting and trimming during fitting.
- Always** tighten all nuts and bolts securely per installation instructions.
- Always** route electrical cables carefully. Avoid moving parts, components that become hot and rough or sharp edges.
- Always** insulate and protect all exposed wiring and electrical terminals.
- Always** perform regular inspections and maintenance on mounts and related hardware.





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## Overview

Congratulations on your new purchase of the Truck Bed Brace Accessory.

Your Truck Bed Brace was designed in 3-D from digitized data, CNC laser cut, fabricated, and powder coated... all in the U.S.A. Enjoy the fit and finish of a quality Truck Bed Brace from Fab Fours, Inc.

## I. Tools Required

- Standard Sockets and Wrenches
- Drill with  $\frac{1}{4}$ ,  $\frac{7}{16}$  clearance, and  $\frac{17}{32}$  drill bits
- Hammer and punch
- Tape measure

## II. Truck Bed Brace Installation

**1. Using brackets determine if any factory holes can be used. (Shown is a 2017 Ford Raptor.)**





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2. Remove taillight housing as per owner's manual.
3. If using a factory hole install the bracket loosely to those holes at this time using the provided 7/16"x1.5" bolts and 7/16 fender washers on the inside of the bed that is now accessible from the taillight hole.
  - a) If you cannot access the back side of the bed through the taillight hole then you will need to use the included riv nuts to attach the bracket to the bed.
4. Measure the distance from the bracket to the end of the bed next to the installed bolt, then measure and mark with a center punch the remaining holes.
  - a) If there are no factory hole that aligned with the brackets measure a distance at all holes that will place the bracket on a flat surface.





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5. Remove the brackets from the truck and set aside.
6. For the sides, if using the 7/16 hardware drill the marked holes with a 7/16 clearance bit. If using the rive nuts drill a 1/4" hole followed by a 17/32" hole and install the riv nuts using the provided tool.



7. For the bottom bolt on the mark that was made in step 4 drill a 1/4" hole followed by a 17/32" hole and install the riv nuts using the provided tool.



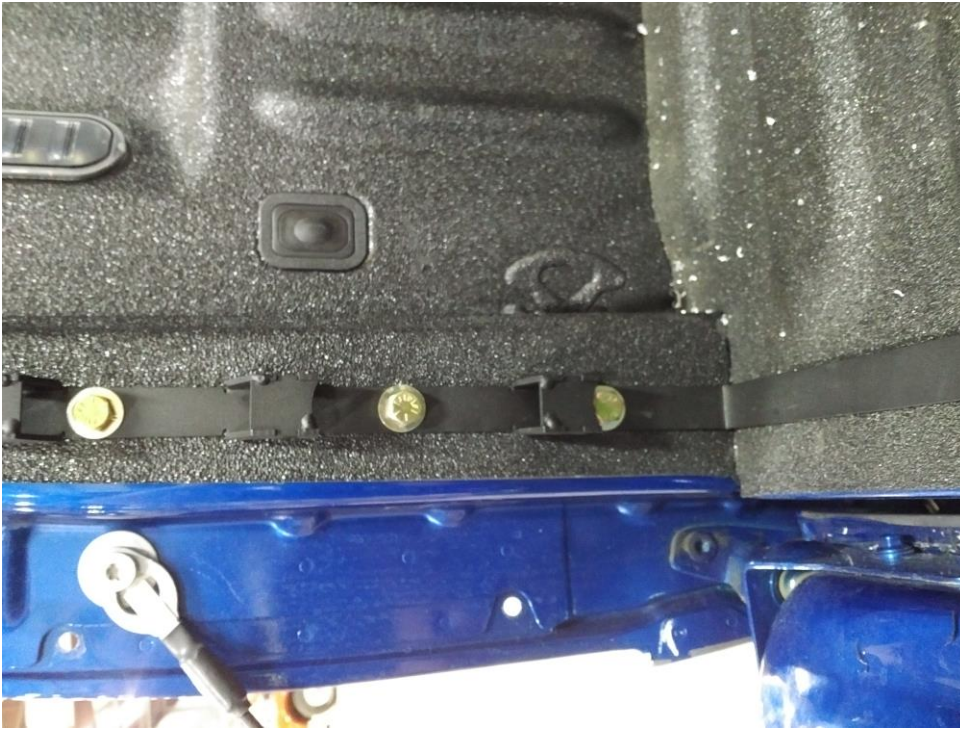


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8. Install the brackets using the provided hardware (7/16"x1.5 and fender washers or 3/8"x1) and tighten down.





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9. Install the bed brace shell over the brackets and secure using 7/16" x 2.25" bolts.
10. Install the included turn buckle and aluminum spacers using the 1/2" hardware. Tighten the bolts first, then tighten the turnbuckle to desired tension and tighten the jam nuts.





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### III. Maintenance/Care

- Periodically check and tighten all nuts.
- Stripped, fractured, or bent bolts or nuts need to be replaced.
- Periodically grease the tire carrier pivot.
- Periodically check the tension of the latch hook..

### IV. Contact Information

Fab Fours Inc.  
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Lancaster, SC 29720

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Fax (970)-385-1914  
Email [Support@fabfours.com](mailto:Support@fabfours.com)



**More than expected... Better than expected.**

