

MAXIMUS-3



FORD BRONCO/RAPTOR

FRAME HORN TIE-IN REINFORCEMENT BRACKETS

(Fits Factory Plastic & Modular Steel Bumper)

PART #: BR1005FB

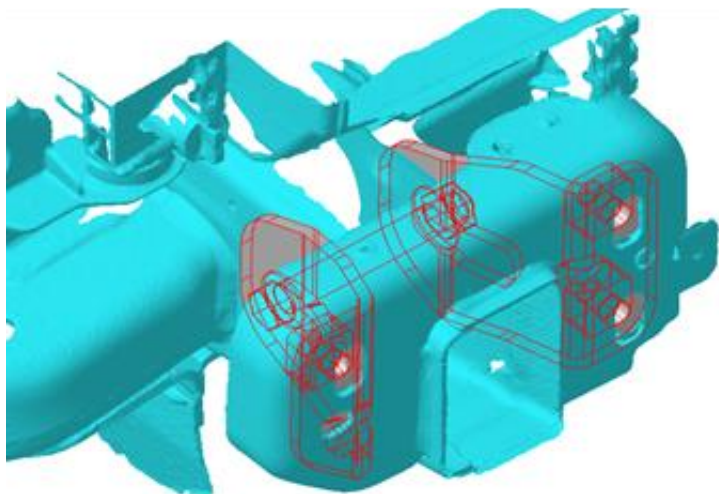
Approximate Installation Time: 1Hour

Installation Difficulty Level: Easy

INSTALLATION GUIDES

PLEASE MAKE SURE YOU READ AND UNDERSTAND THE ENTIRE INSTALLATION GUIDE BEFORE YOU START. WE EXPECT YOU TO HAVE BASIC MECHANICAL ABILITIES TO PERFORM THIS INSTALLATION.

WE RECOMMEND THAT YOU SEPARATE AND IDENTIFY ALL THE PARTS AND HARDWARE KITS YOU RECEIVED WITH YOUR SHIPMENT BEFORE YOU PROCEED TO DISASSEMBLE YOUR VEHICLE.

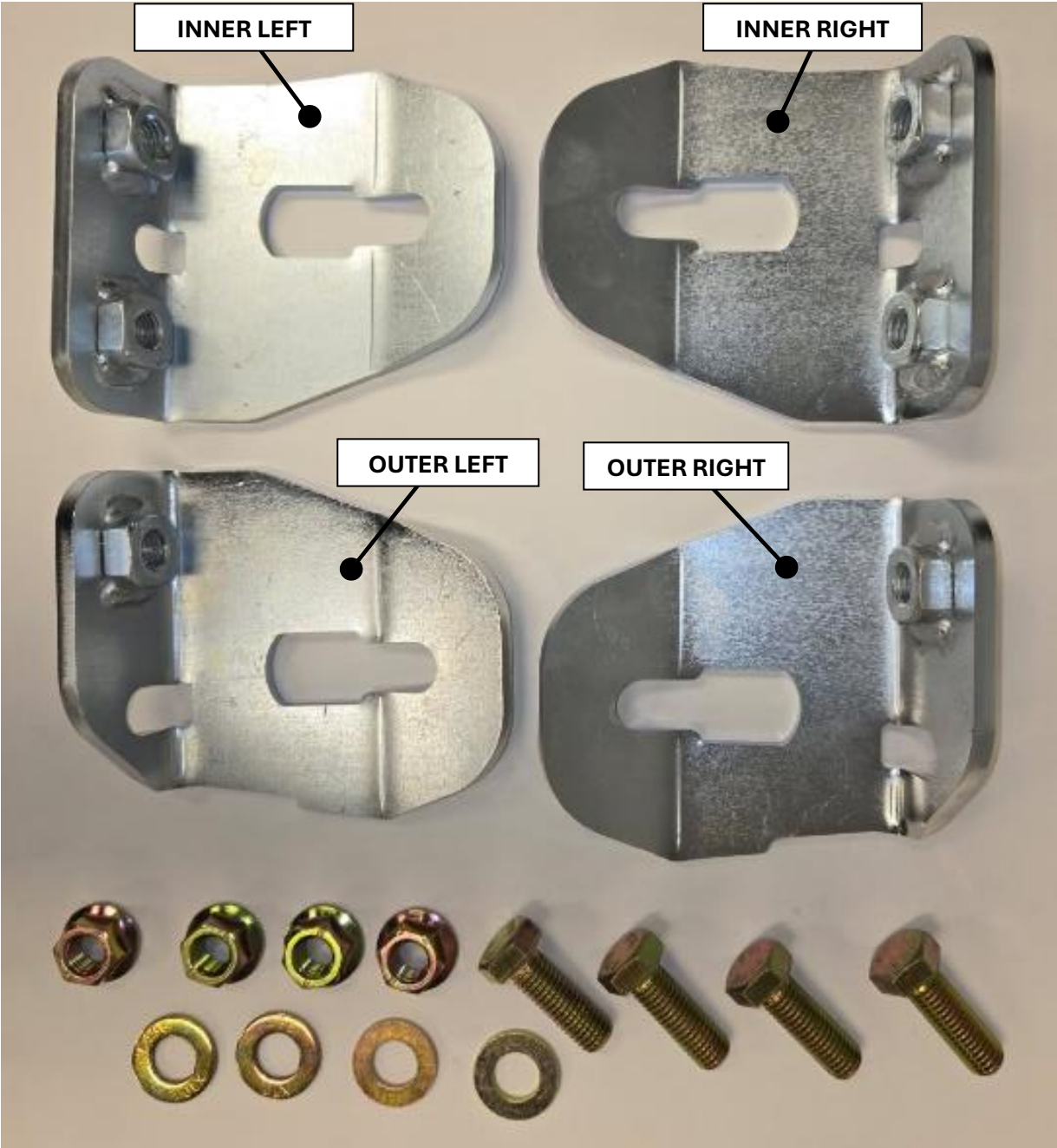


IMPORTANT

Follow these instructions precisely. Maximus-3 is not liable for any damage caused by improperly installed products. It is the purchaser's responsibility to ensure both the installation and maintenance are performed properly as set forth in this guide. We recommend using anti-size paste on threaded bolts.

COMPONENT LIST	QTY
FRAME HORN BRKT INNER L	1
FRAME HORN BRKT INNER R	1
FRAME HORN BRKT OUTER L	1
FRAME HORN BRKT OUTER R	1

HARDWARE LIST	QTY
M12 HEX BOLT	4
M12 SERRATED FLANGE NUT	4
M12 FLAT WASHER	4

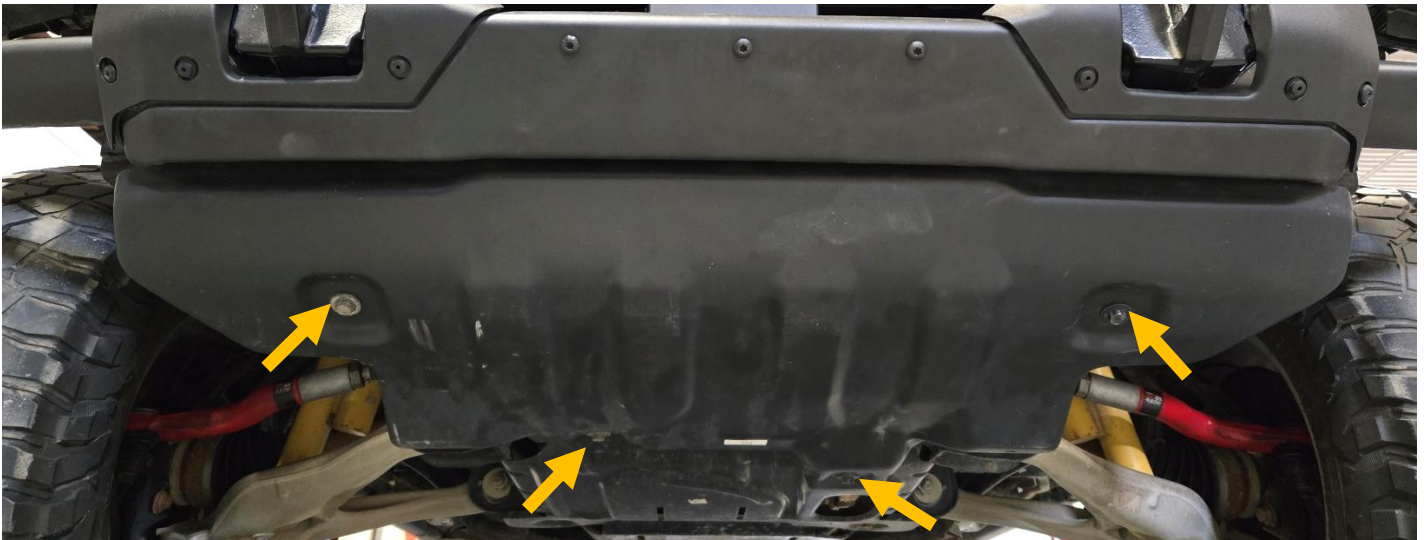


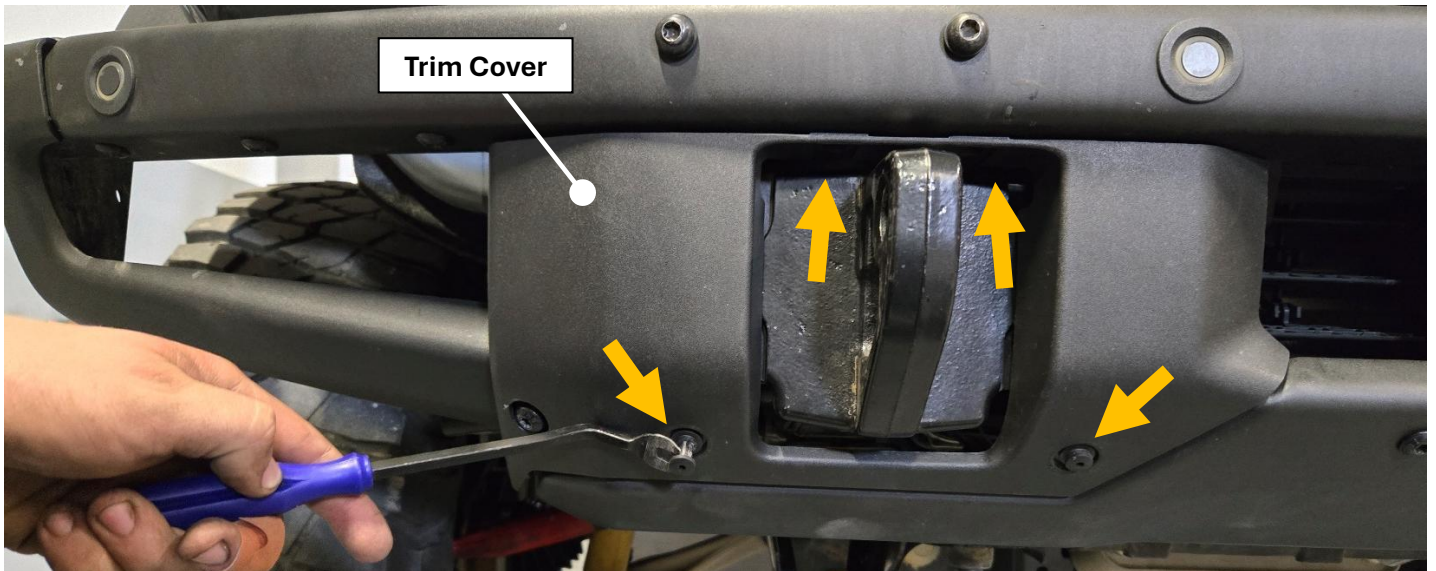
INSTALLATION STEPS

STEP 1: Remove the Bumper & the Skid Plate

- A. Remove the skid plate using a 15mm Socket. Save all the factory bolts for reinstallation later.
- B. Disconnect the main wiring harness located behind the bumper on the driver side.
- C. Remove plastic trim covers from each side of the bumper.

For factory steel bumper you need to remove four (4) clips from each side and then pull the covers off.
Save all the factory clips for reuse later.

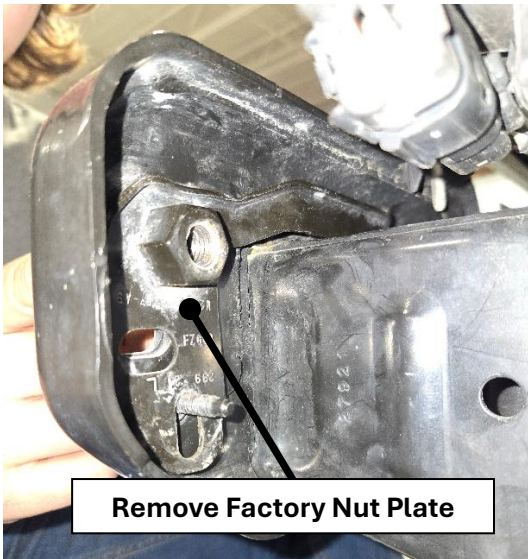




D. Remove the bumper by unbolting the 6 bolts (3 on each side) that hold the OEM bumper in place using a 15mm socket. Save all the factory bolts for reinstallation later.



- E. **Remove the factory mounting nut plate** from behind the frame horns, one on each side. You will not need those nut brackets again for this installation.



STEP 2: Install Maximus-3 Frame Horn Reinforcement Brackets

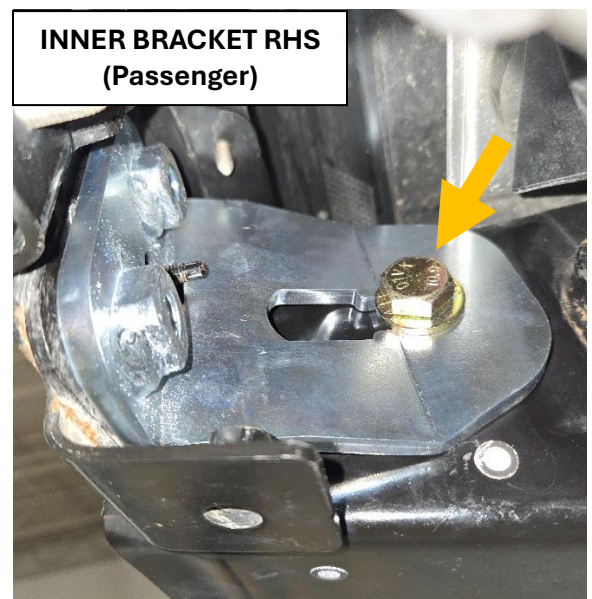
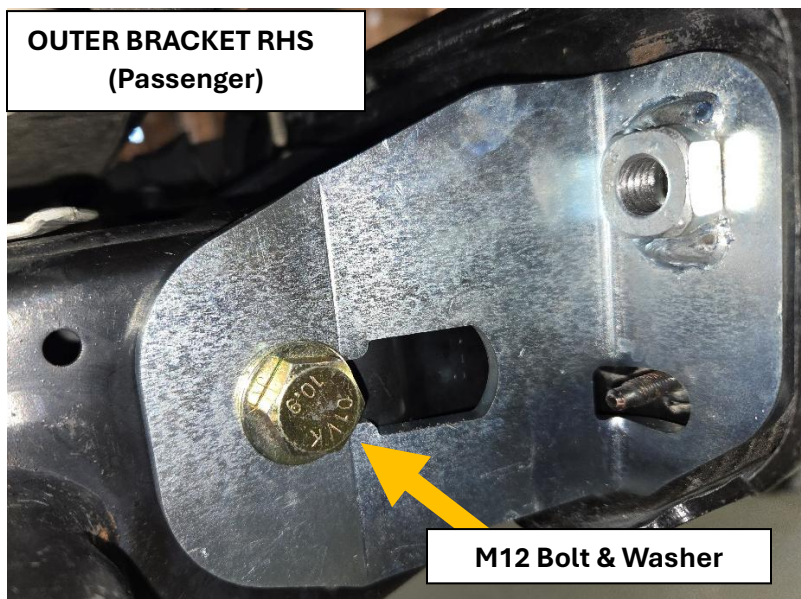
- A. **Install the Maximus-3 brackets** as shown below using M12 bolt, serrated nuts and washers supplied. Note outer and inner brackets, driver and passenger side brackets, and their orientation. The single nut bracket goes on the outside of frame.

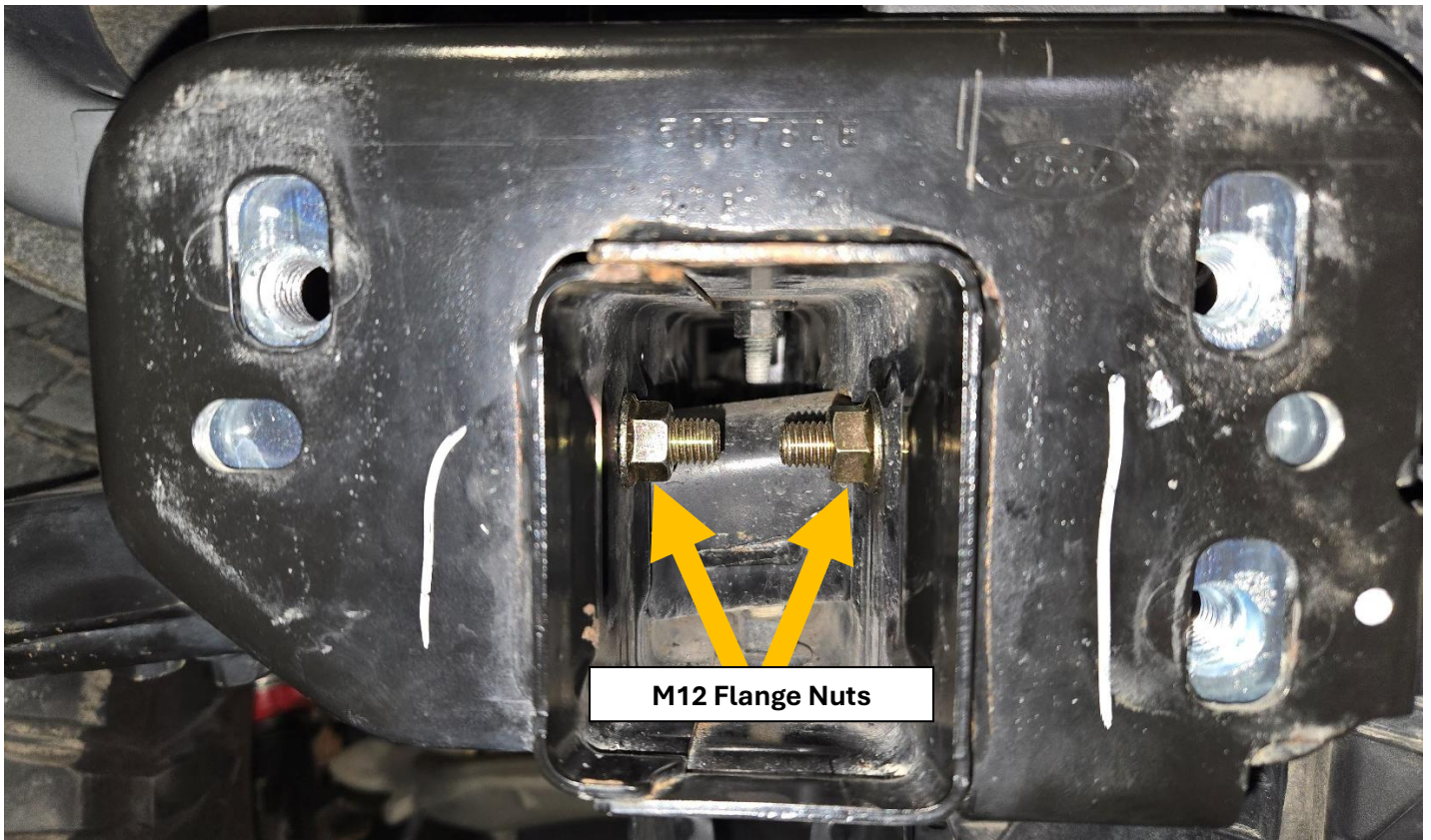


If mounting holes in the frame are small to fit the M12 bolt, please drill them out with a 1/2" drill bit.

Insert the bolt and washer from outside and the serrated flange nut from inside the box frame.

Align the nuts with the slotted mounting holes on the frame horns and loosely tighten the bolts using a 19 mm socket/wrench, just enough to stay aligned behind the frame horns.





B. Reinstall your bumper and skid plate using your original bolts removed in step A and D.

If you have an aftermarket bumper, please make sure that the bumper bolts are M12x1.75 thread to match the threads in the Maximus-3 brackets.

Install the bumper plastic covers but leave the clips out if you are installing Maximus-3 winch mount.

C. Tighten all bolts to specs:

- Factory Bumper M12 bolts = 60 lb.ft
- Maximus-3 brackets M12 bolts = 84 lb.ft