

# ROUGH COUNTRY

## SUSPENSION SYSTEMS®

### TOYOTA 2005-20 Tacoma Bed Rack

Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.

If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.

Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.

Periodically check all hardware for tightness.

#### Kit Contents:

Bed Rack Mounts x4  
 Bed Rack Corners x4  
 Bed Rack Side Rail End Caps x4  
 End Caps x4  
 17-3/8" Bars x4  
 42-3/8" Cross Bars x2  
 44-1/4" Side Bars x2  
 T-Slot Cover x242"

#### Tools Needed:

5mm Allen Wrench  
 3/16" Allen Wrench  
 Drill  
 17/32" Drill Bit  
 Step Bit

#### Hardware Included:

8mm x 20mm Button Head Bolts x36  
 8mm Lock Washers x36  
 8mm Hammer Nuts x36  
 5/16" Nutserts x8  
 5/16" Button Head Bolts x8  
 11/32" Plug x16  
 3/8" Nut x1  
 5/16" Washer x1  
 5/16" x 1-1/4" Bolt x1



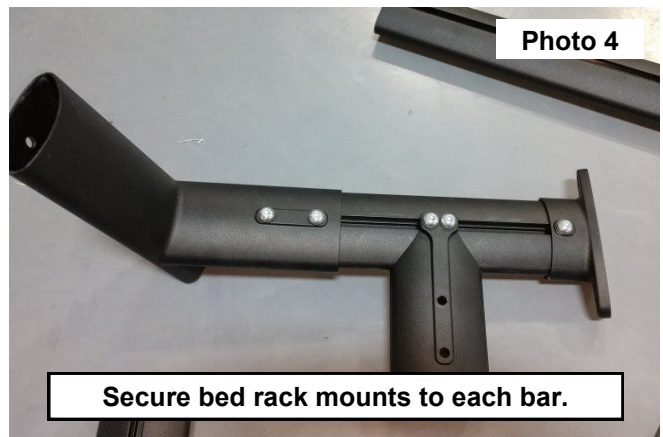
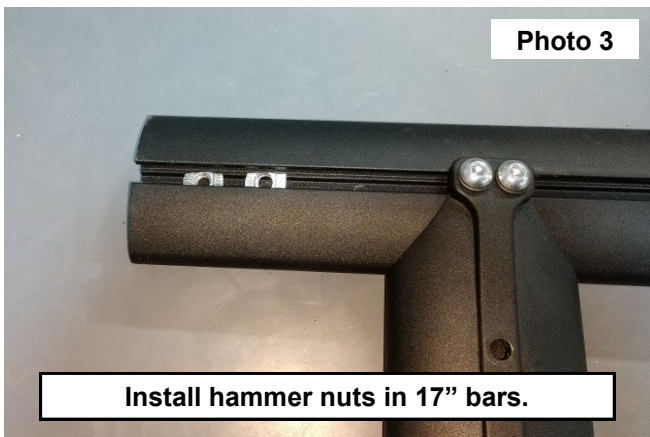
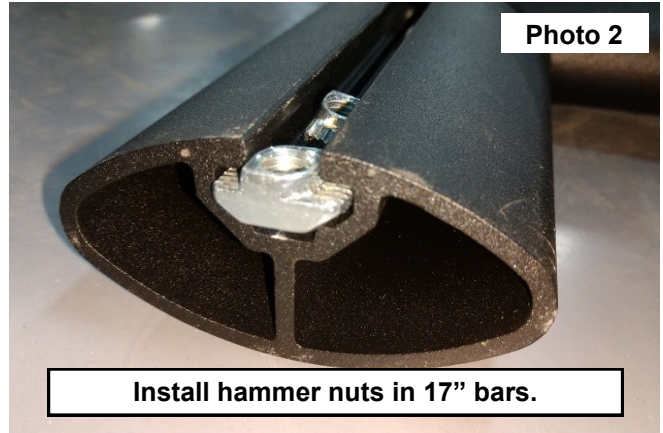
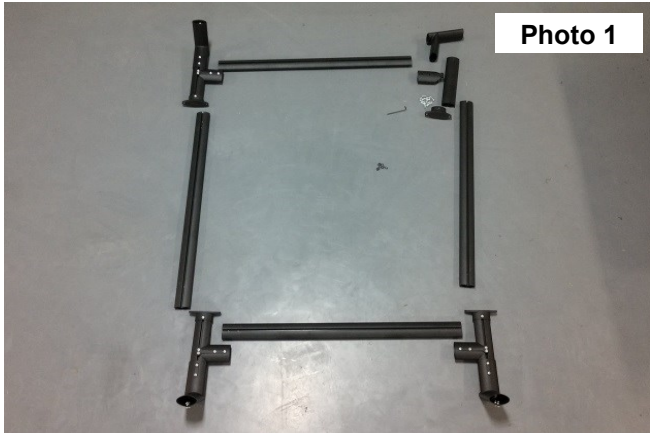
#### Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16"	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8"	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16"	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2"	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16"	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8"	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4"	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

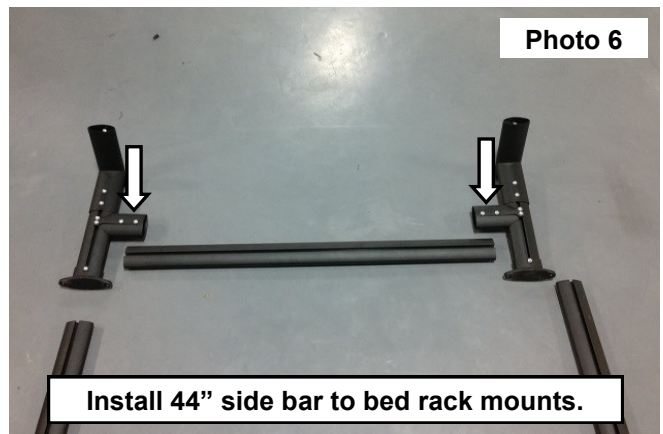


## INSTALLATION INSTRUCTIONS

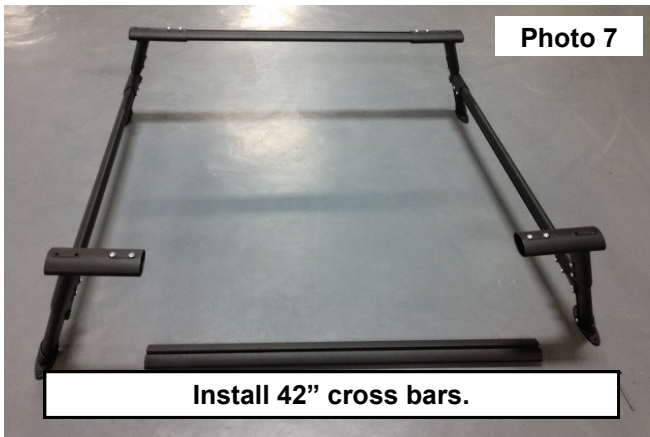
1. Lay out the bed rack components. **See Photo 1.**
2. Install the 8mm hammer nuts in the 17" bars and secure the bed rack mounts to each of the 17" bars with the 8mm button head bolts and lock washers using a 5mm Allen wrench. **See Photo 2, Photo 3, and Photo 4.**



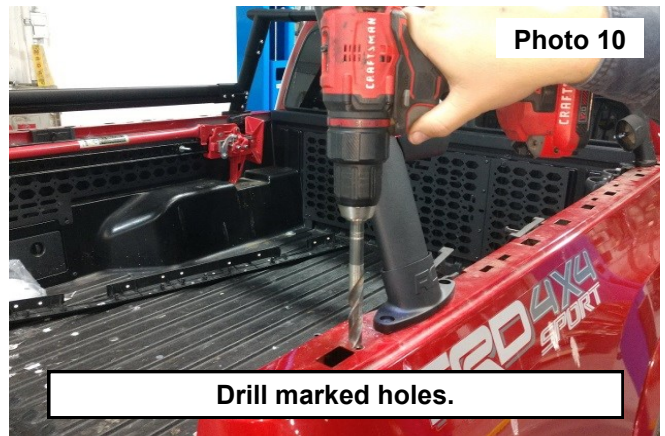
3. Install the end caps on the corner pieces. **See Photo 5.**
4. Install the 44" side bar to the bed rack mounts using the 8mm bolts, lock washers, and hammer nuts. **See Photo 6.**



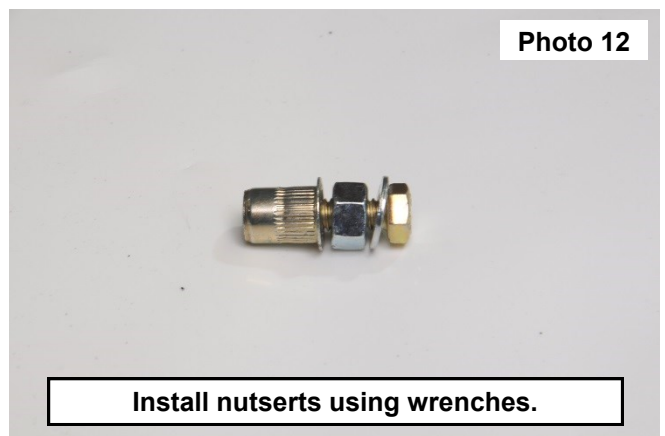
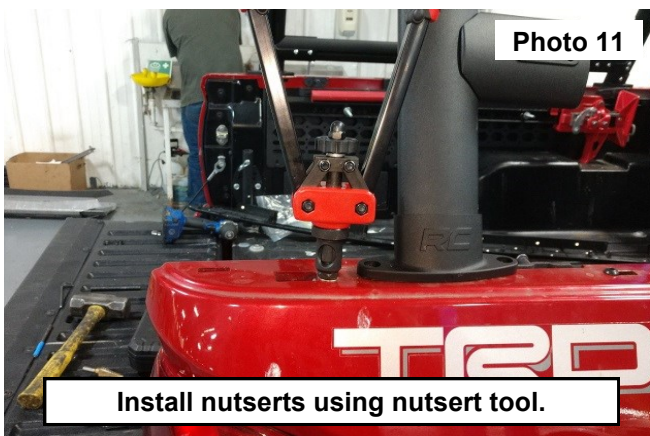
5. Install the 42" cross bars using the 8mm bolts and hammer nuts. **See Photo 7.**
6. Remove the trim from the top of the truck bed sides. **See Photo 8.**



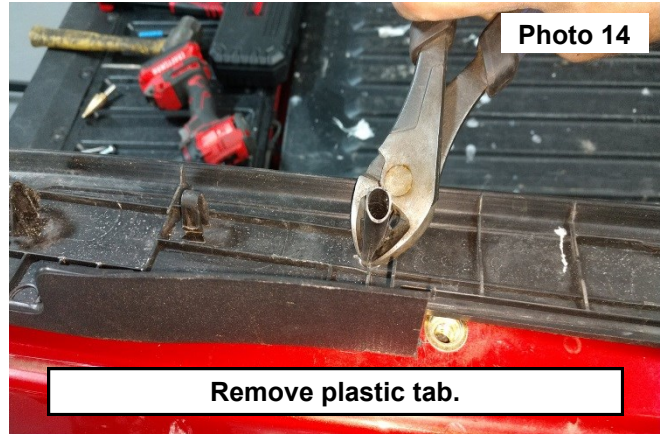
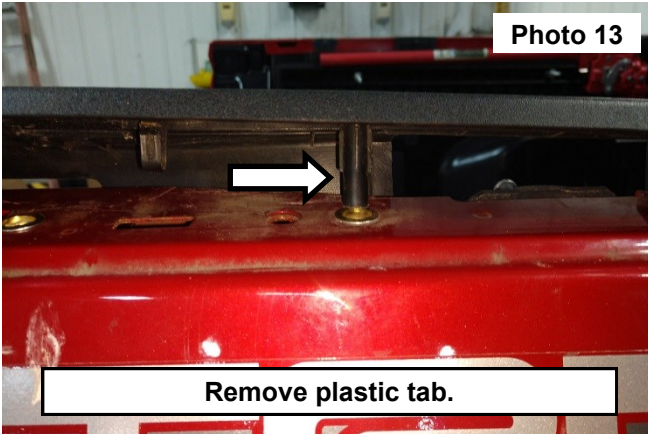
7. Place the rack on the truck bed sides in the desired location and mark the locations of the mounting holes. **See Photo 9.**
8. Drill the marked holes using a 17/32" drill bit. **See Photo 10.**



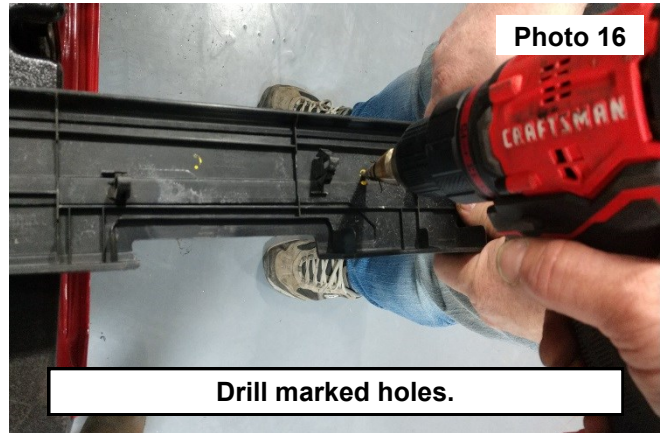
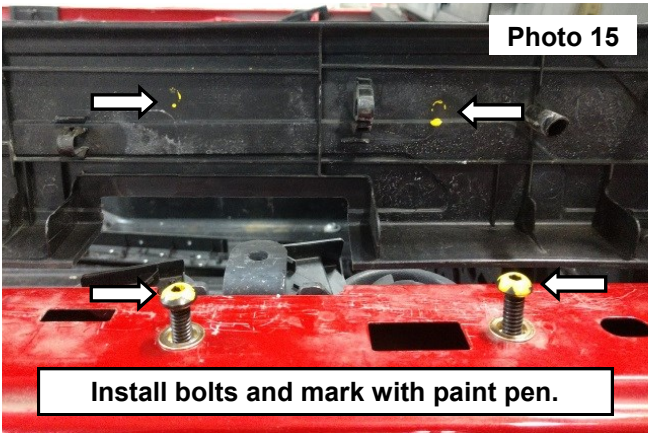
9. **Using RC Nutsert Tool:** Install the nutserts in the drilled holes using a nutsert tool. **See Photo 11.**
8. **Using wrenches instead of nutsert tool:** Using the supplied 5/16" x 1-1/4" bolt, washer, and the 3/8" nut screw them into a nut insert. **See Photo 12.** Next place the assembly into the drilled hole. Next using a 1/2" wrench and a 9/16" wrench tighten the bolt while holding the nut with the 9/16" wrench. This will compress the nut insert and lock it into place in the drilled hole.



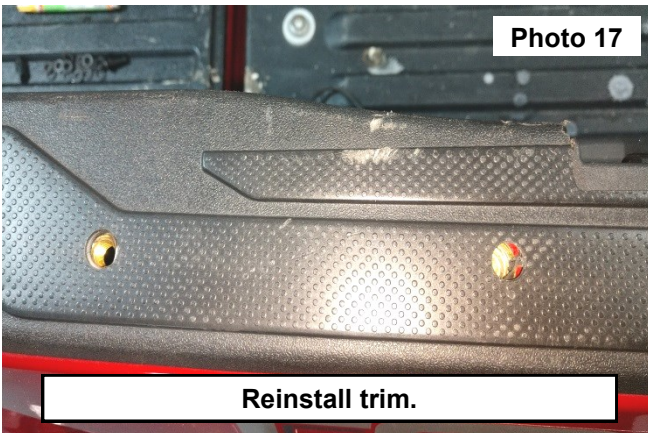
1. If the nutsert is installed in an existing hole where the plastic tab goes, the tab will need to be trimmed off. See Photo 13 and Photo 14.



2. Install supplied 5/16" button head bolts in the rivnuts and apply tape over the bolt head and mark the heads with a paint pen. Align the trim and press down against the painted bolts to mark the trim. Remove the trim and drilled marked locations using a step drill bit. Remove tape from bolt. See Photo 15 and Photo 16.



3. Reinstall the trim. See Photo 17.
4. Place the bed rack on the sides of the truck bed and install the bed rack with the supplied 5/16" bolts using a 3/16" Allen wrench. See Photo 18.



5. Press in the plastic T-slot covers in the slots in the rails to minimize dust getting in--these will need to be trimmed.
6. Insert the plastic 11/32" plugs into the remaining holes to minimize dust getting in.

By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable, State, and Local laws and regulations regarding the purchase, ownership, and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Rough Country, LLC for all claims resulting directly or indirectly from the purchase, ownership, or use of the items.

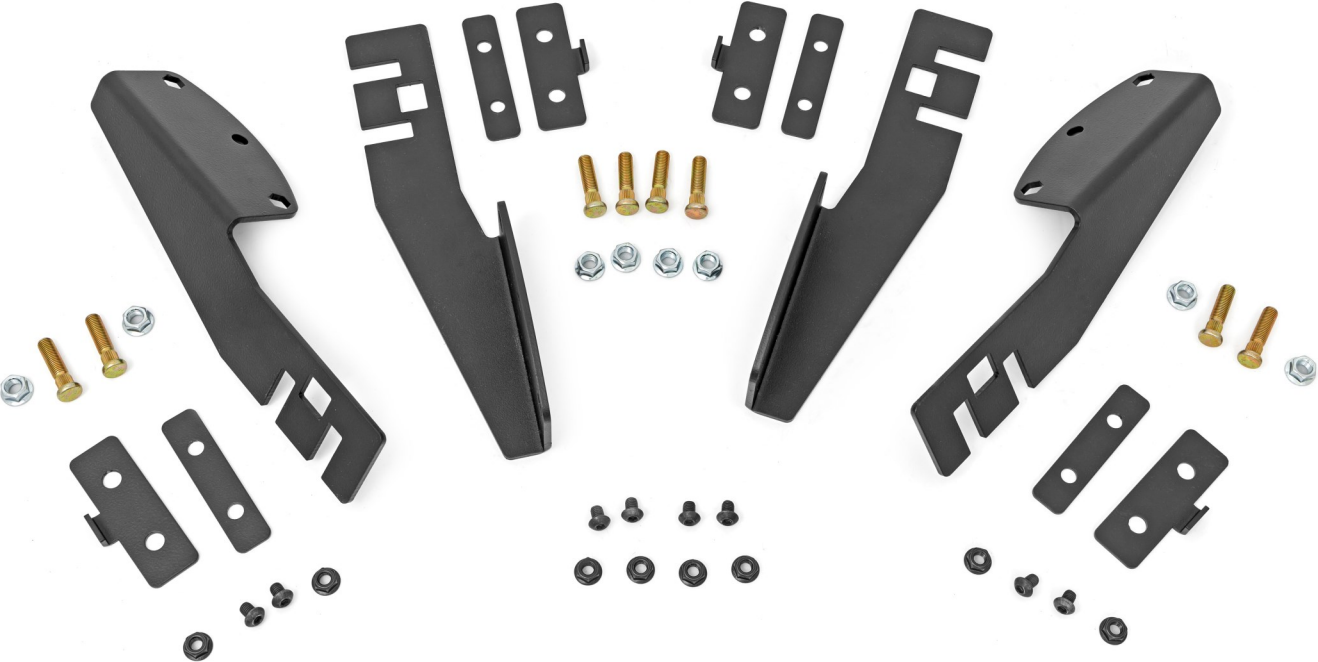




## Bed Rack T-Rail Mount Kit

Thank you for choosing Rough Country for all of your suspension needs.

Rough Country recommends that a certified technician install this system. In addition to these instructions, professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle. Please read all the instructions before beginning the installation. Check the kit hardware against the "Kit Contents" list below. If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product. Check all fasteners for proper torque. Check to ensure for adequate clearance between all components. Check and retighten wheels at 50 miles and again at 500 miles. Periodically check all hardware for tightness. Be sure you have all the needed parts and understand where they go. Also, please review the "Tools Needed" list to be certain you have the necessary tools to complete the installation.



# Bed Rack T-Rail Mount Kit

## TOOLS NEEDED:

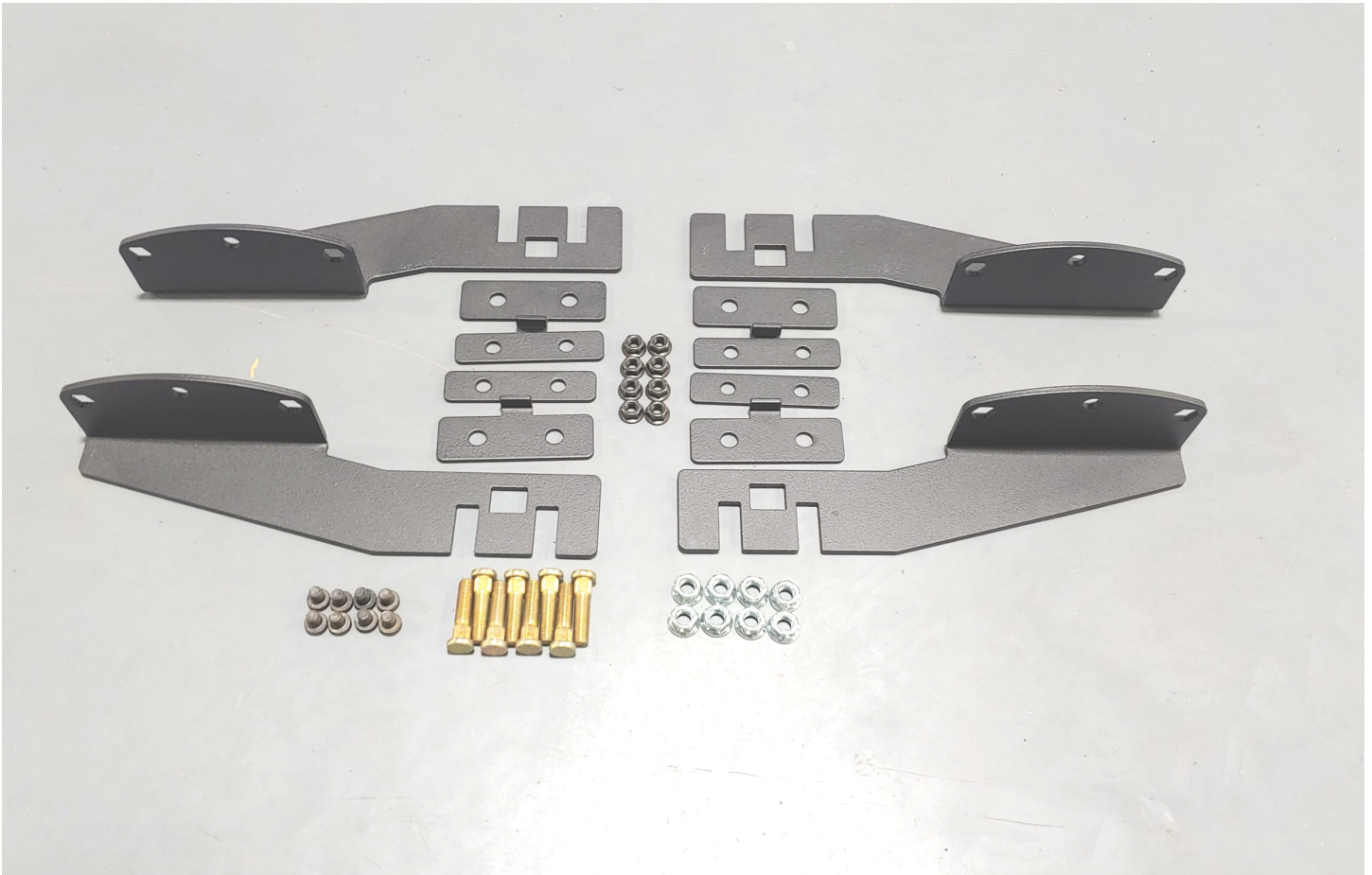
Hammer  
1/2" Drive Socket  
5mm Hex Wrench  
Metric Wrench/Socket  
15mm

## KIT CONTENTS:

T-Rail Bracket A (2)  
T-Rail Bracket B (2)  
Bolt Plate (4)  
Locking Plate (4)

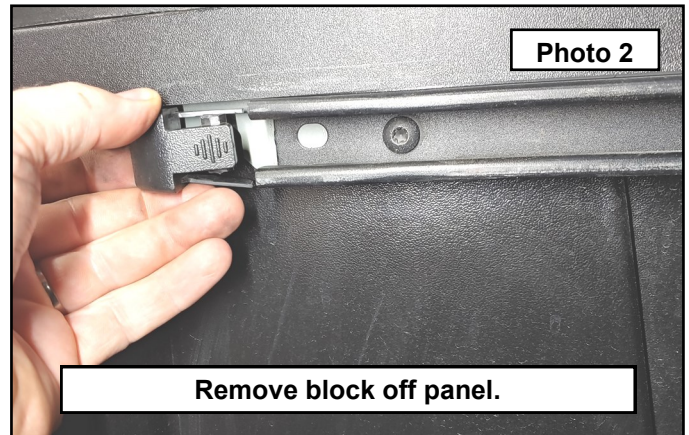
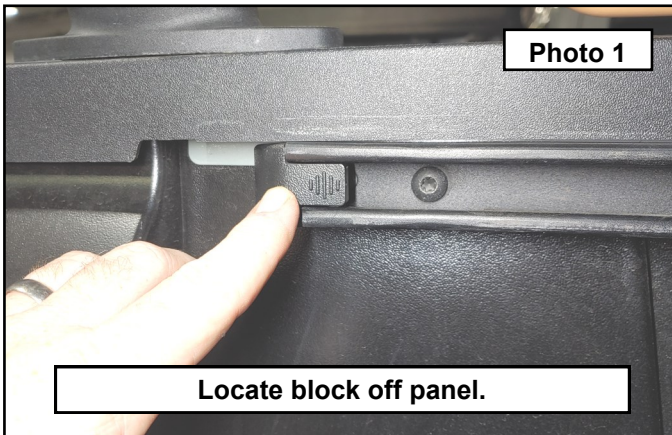
## HARDWARE INCLUDED:

10mm Stud (8)  
10mm Flange Nut (8)  
8mm Button Head Bolt (8)  
8mm Flange Nut (8)

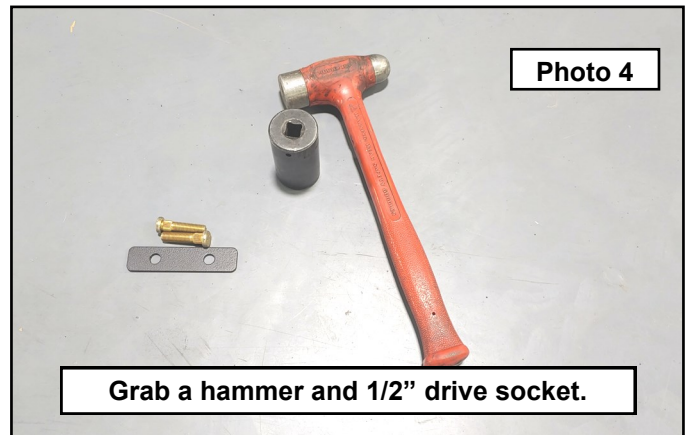
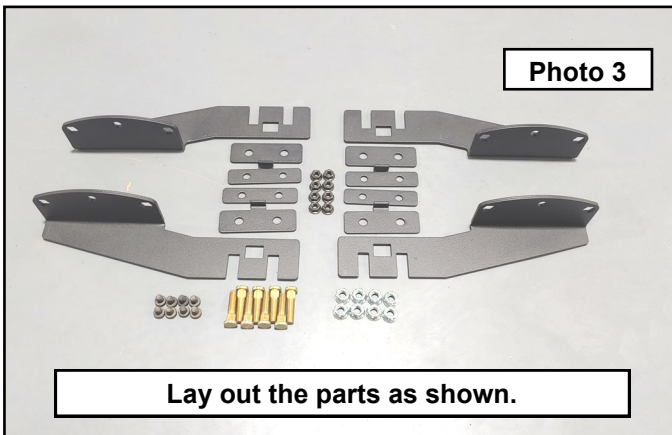


### Front Installation

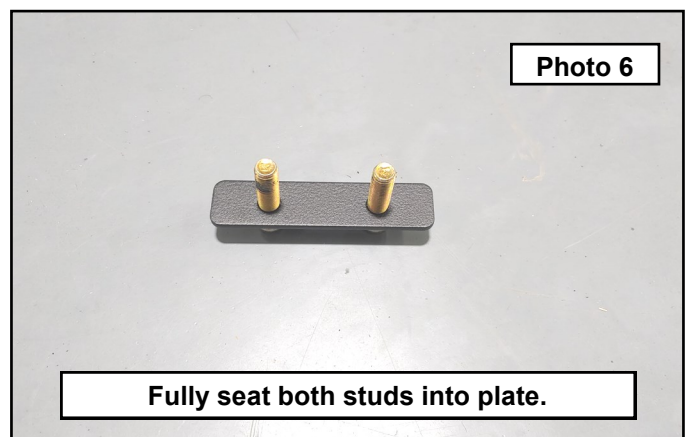
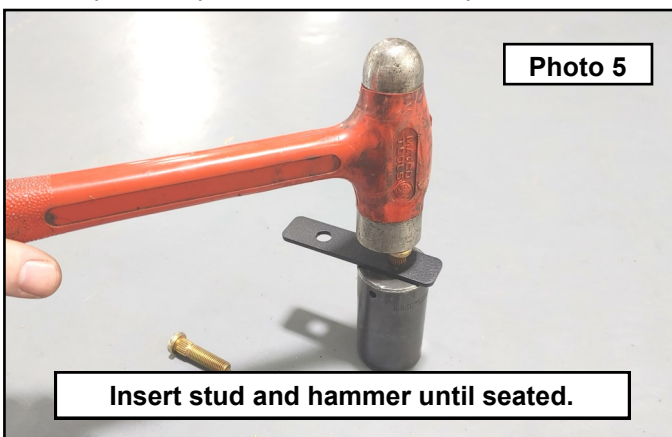
1. Park your vehicle on a clean flat surface, engage the parking brake and block the rear tires.
2. Locate the block off panel in the back of the Factory T-Rail on both sides of the bed if they are present. Photo 1
3. Press inwards on the tab and slide out of the T-Rail if they are present. Photo 2



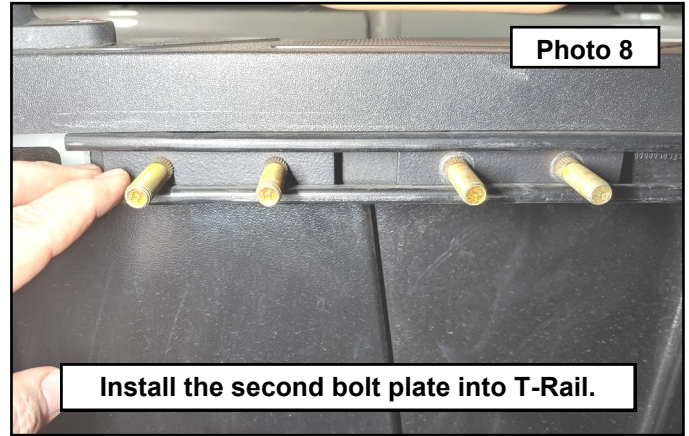
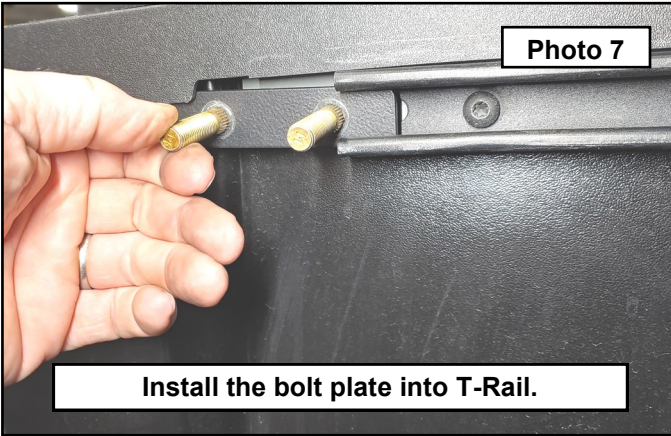
4. Lay out the parts and verify as shown. The large brackets will have two bent opposite of the other two. When laid out as shown, these will correlate to how they are mounted to each side of the bed. Photo 3
5. Grab a hammer, 1/2" deep well impact socket (does not matter the size but the bigger the better for control) bolt plates and studs. Photo 4



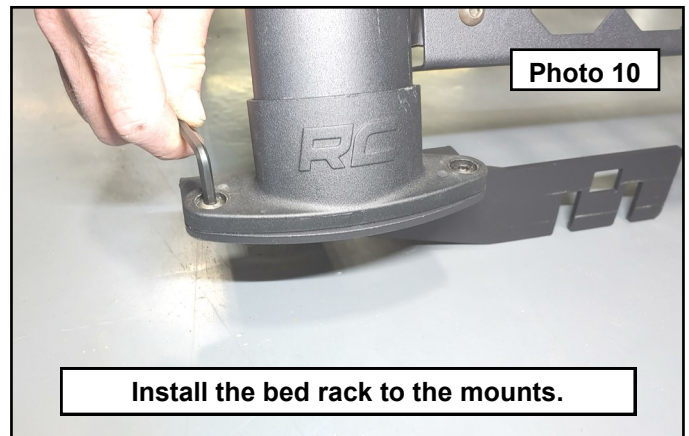
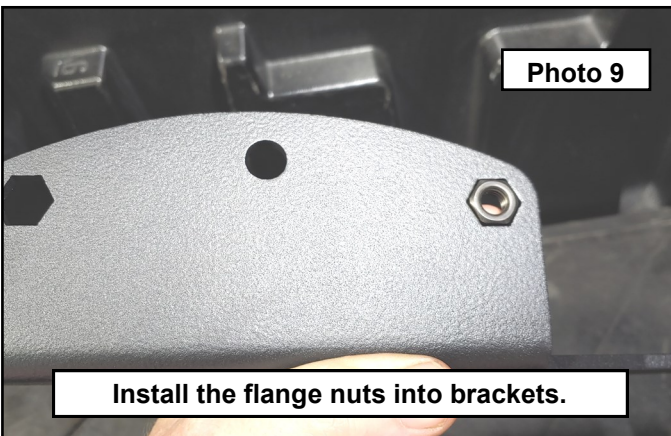
6. Install a stud into the plate, pass the stud into the square opening of the socket and hammer until the stud is fully seated into the plate. Photo 5
7. Repeat the process for all the bolt plates and studs. Photo 6



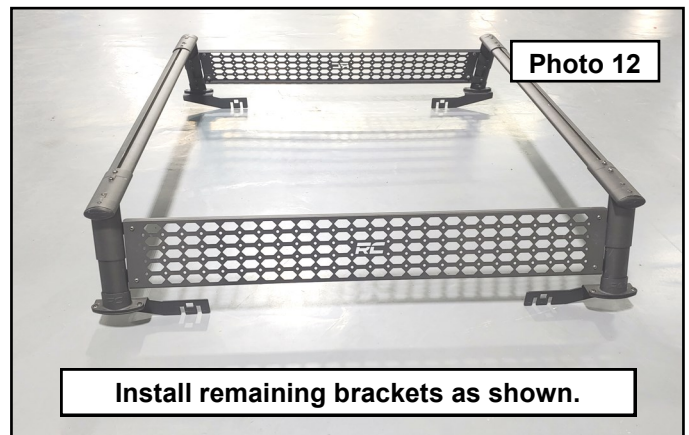
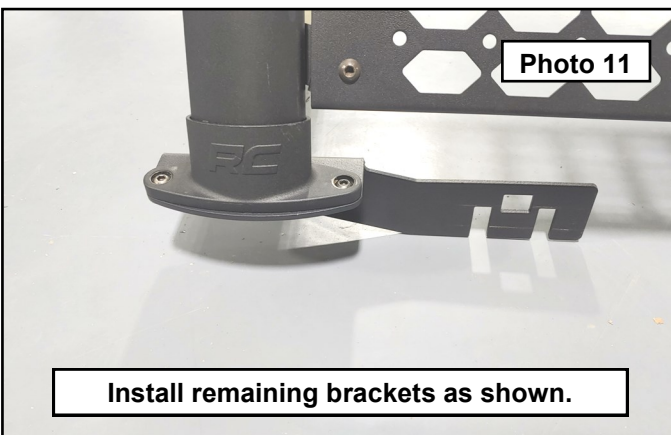
8. Install 2 of the bolt plates into the T-Rail on both sides of the bed. Slide the first bolt plate to the front of the bed. Photo 7 / 8



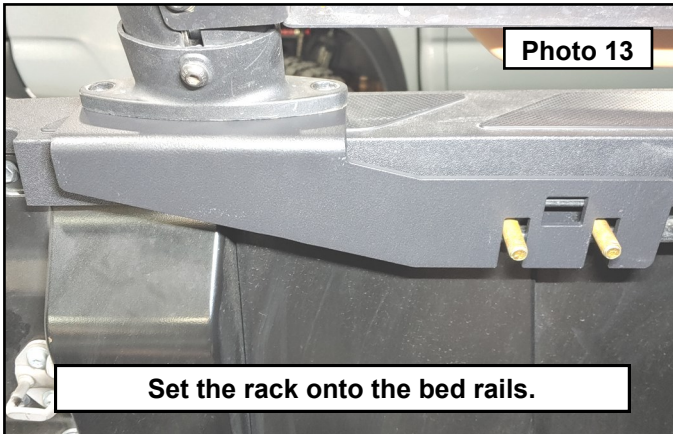
9. Install the provided 8mm flange nuts into the T-Rail mounts and install the bed rack mounts to the T-Rail mounts using the provided 8mm x 10mm Button head bolts. Install so that the bent edge is to the inside of the rack. Photo 9 / 10



10. Install the rest of the mounts as shown to the rack. (Rack shown with optional Molle Panel kit.) Photo 11 / 12



11. Using a helper, set the rack onto the top of the bed rail while lining up the bolt plates. Photo 13
12. Install the locking plates to the bolt plate making sure to have the tab go into the hole on the mounting brackets. Install the provided 10mm flange nuts to the studs. Center the rack on the bed and tighten the locking plates down. Photo 14



By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable , State, and Local laws and regulations regarding the purchase, ownership, and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Rough Country, LLC for all claims resulting directly or indirectly from the purchase, ownership, or use of the items.