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Rough Country 10644 Installation Instructions

Aluminum Half Bed Rack for Jeep Gladiator (2020–2025)

Part number: 10644

trailfortress.com/aluminum-half-bed-rack-jeep-gladiator-rough-country-10644

Scan for fitment, price and install help

921106440

ROUGH COUNTRY SUSPENSION SYSTEMS®

Jeep Gladiator Universal Bed Half 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:

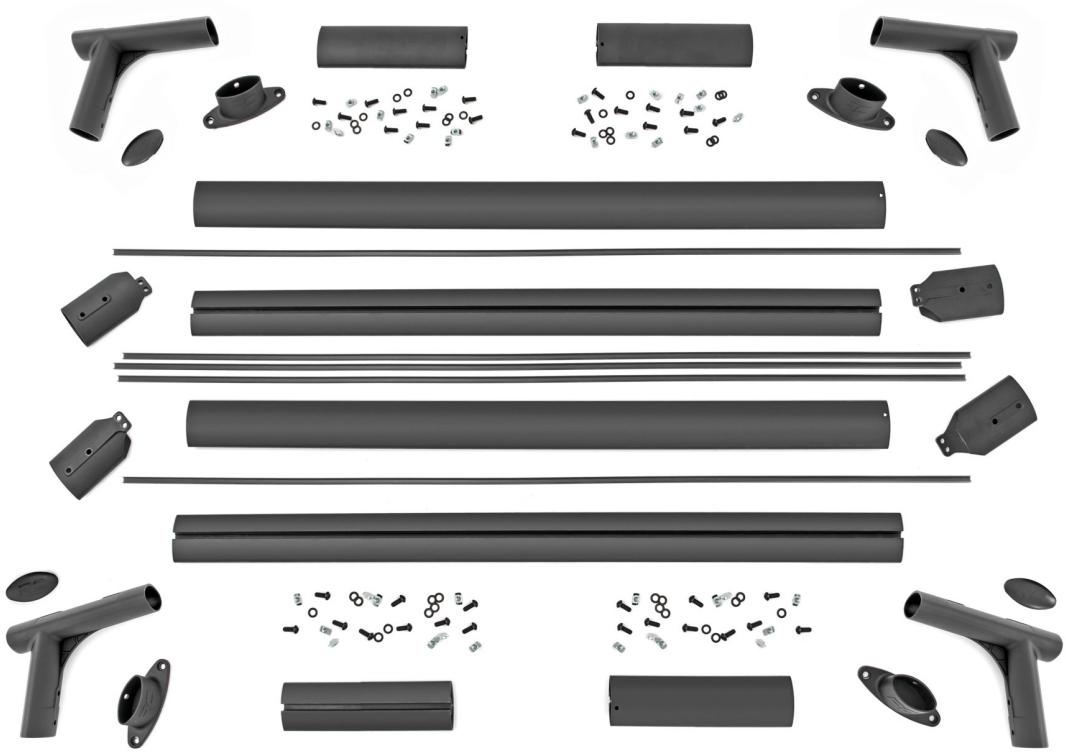
Bed Rack Mounts x4
Bed Rack Corners x4
Bed Rack Side Rail End Caps x4
End Caps x4
10” Bars x4
46.4” Cross Bars x2
51.5” Side Bars x2
T-Slot Cover x295”

Tools Needed:

5mm Allen Wrench
8mm Socket/Wrench
3/16” Allen Wrench
Long Flatheaded Screwdriver
Drill
17/32” Drill 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” Jam Nut x1
5/16” Washer x1
5/16” x 1-1/4” Bolt x1

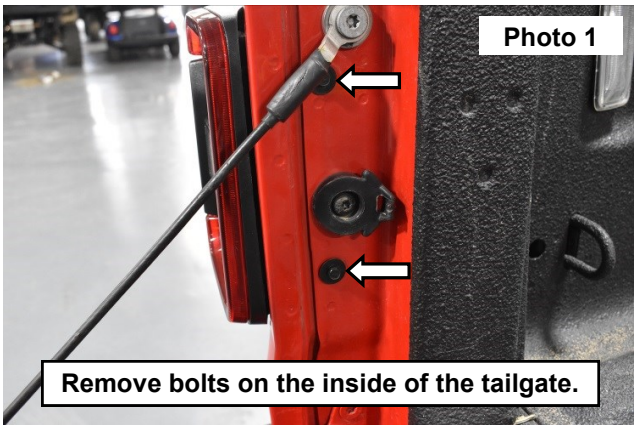


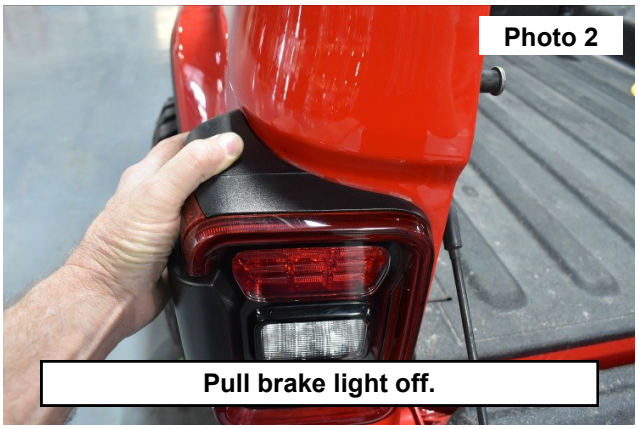
Torque Specs:

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

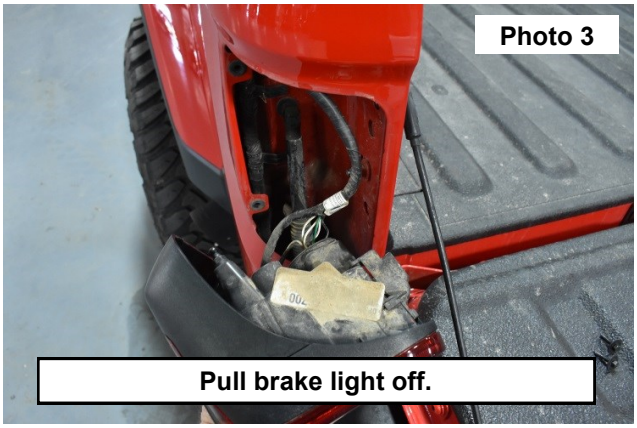
INSTALLATION INSTRUCTIONS

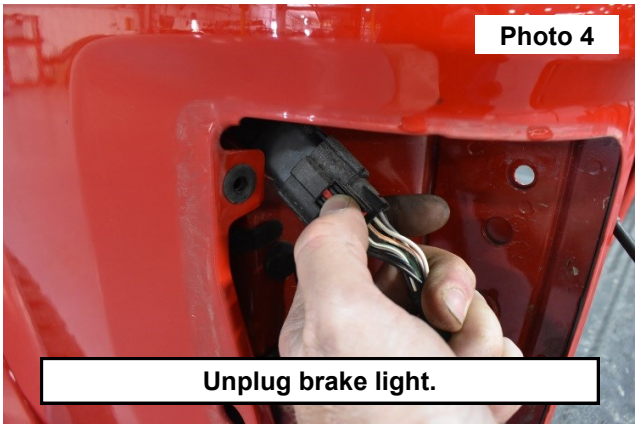
1. Lower the tailgate and remove the 2 bolts on the driver and passenger sides using an 8mm socket/wrench. **See Photo 1**.
2. Pull the brake light off. **See Photo 2** and **Photo 3**.





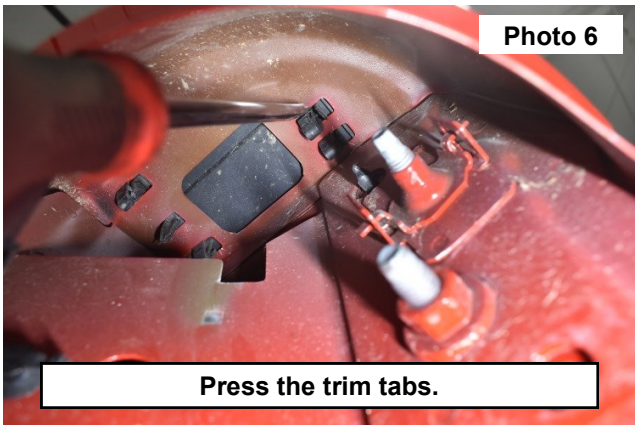
3. Unplug the brake light. **See Photo 4**.





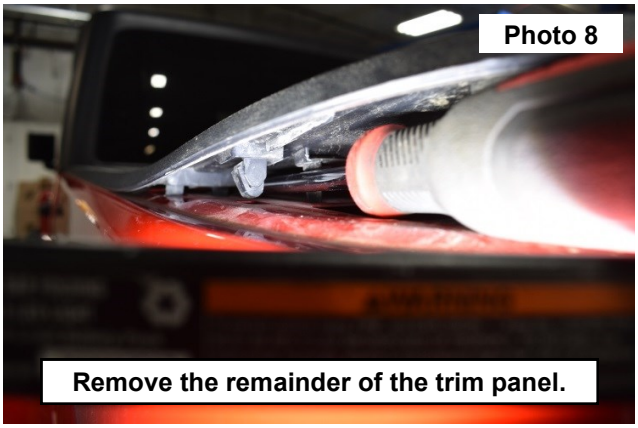
4. Press the tabs for the side trim panels using a long flatheaded screwdriver. **See Photo 5** and **Photo 6**.



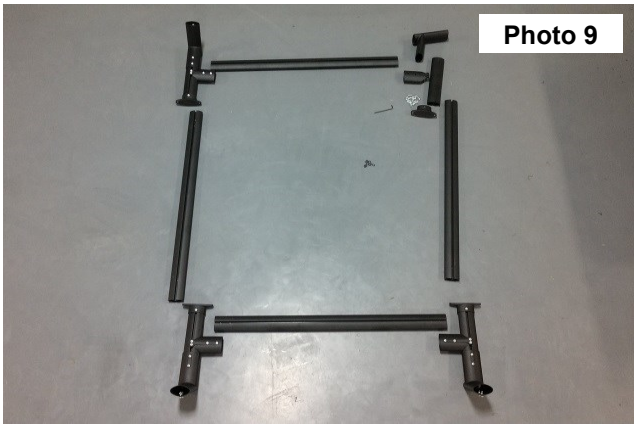


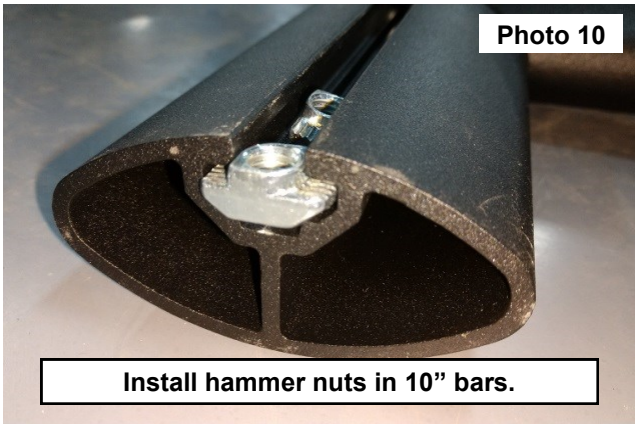
5. Work your way across the side of the bed removing the trim. **See Photo 7** and **Photo 8**.

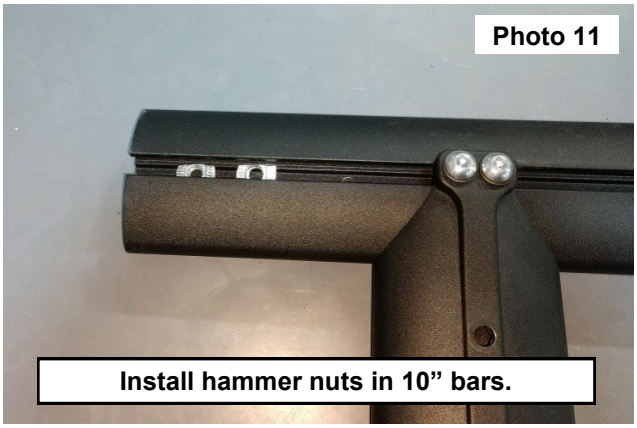


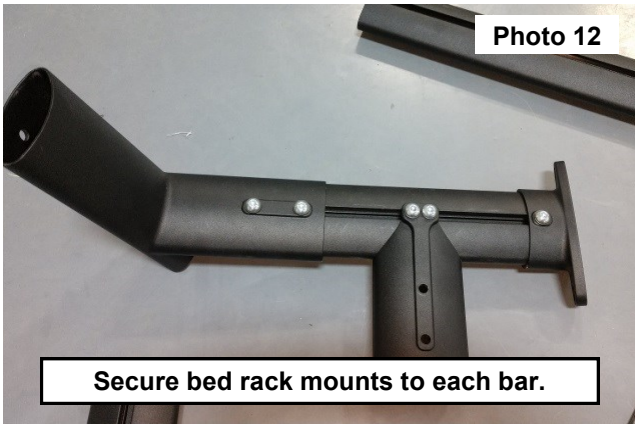


6. Lay out the bed rack components. **See Photo 9**.
7. Install the 8mm hammer nuts in the 10” bars and secure the bed rack mounts to each of the 10” bars with the 8mm button head bolts and lock washers using a 5mm Allen wrench. **See Photo 10**, **Photo 11**, and **Photo 12**.



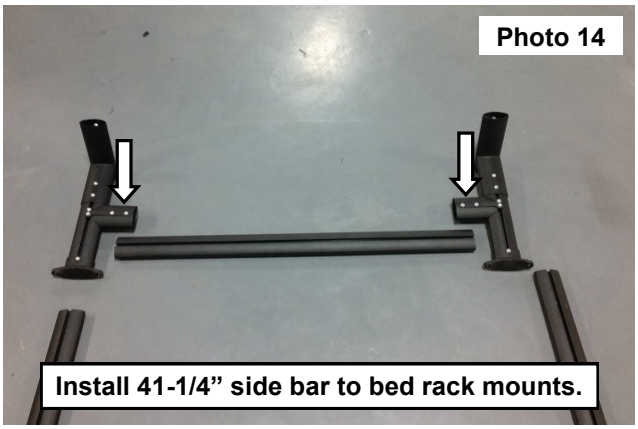




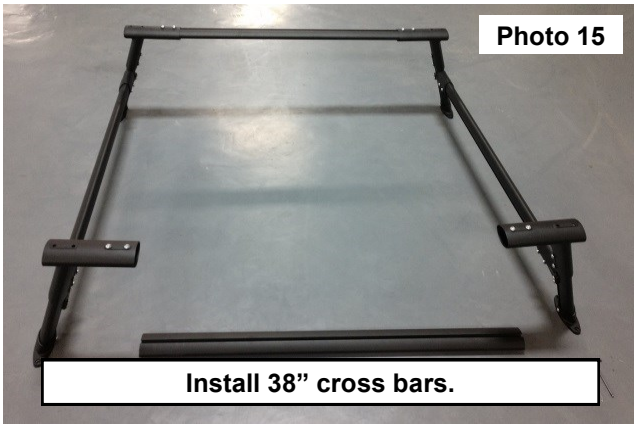


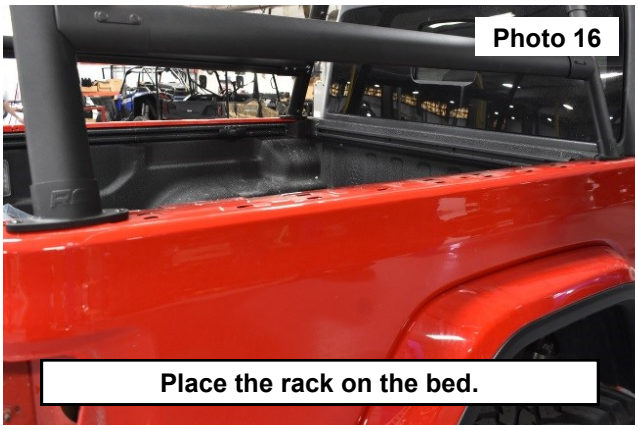
8. Install the end caps on the corner pieces. **See Photo 13**.
9. Install the 41-1/4” side bar to the bed rack mounts using the 8mm bolts, lock washers, and hammer nuts. **See Photo 14**.





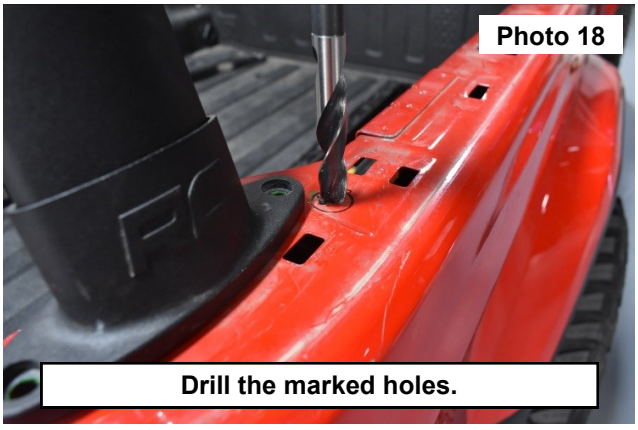
10. Install the 38” cross bars using the 8mm bolts and hammer nuts. **See Photo 15**.
11. Place the rack on the bed. **See Photo 16**.



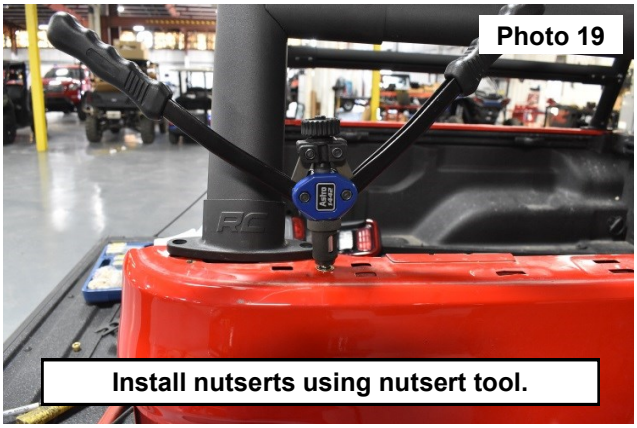


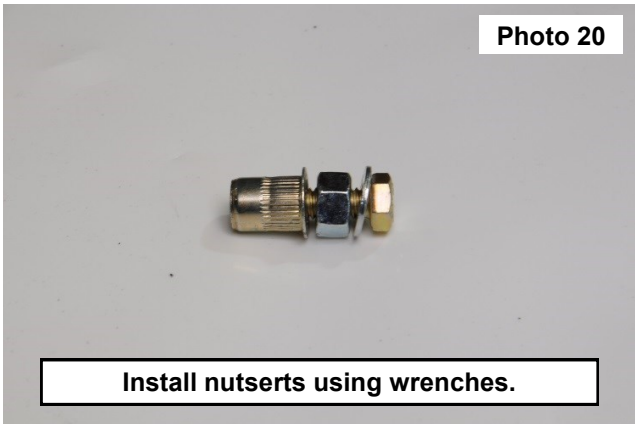
12. Mark the holes with a paint pen and make sure there is sufficient room to drill without intersecting another hole. **NOTE: You may need to adjust the location forward/backward to keep from drilling through an existing hole**. **See Photo 17**.
13. Drill the marked holes using a 17/32” drill bit. **See Photo 18**.





14. **Using a nutsert tool (recommended):** Install the supplied 5/16” nutserts using a nutsert tool. **See Photo 19**.
15. **Using wrenches instead of a 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 20**. 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.

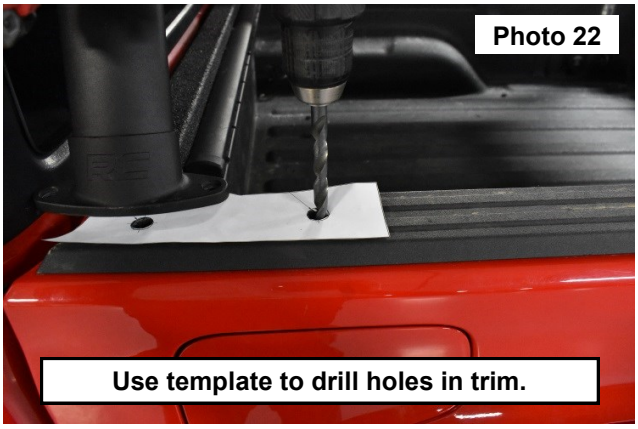




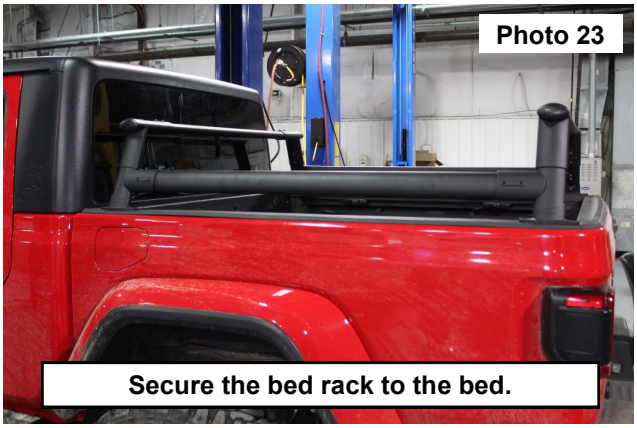
16. Repeat the process for the remainder of the nutserts.
17. Reinstall the trim to the sides of the bed and reinstall the brake lights.
18. Cut out the templates at the end of this instructions manual and drill through the trim so the bolts can be installed to the nutserts. **See Photo 21** and **Photo 22**.

⚠ NOTICE **Drill cautiously through the trim so you do not drill through the nutserts**.





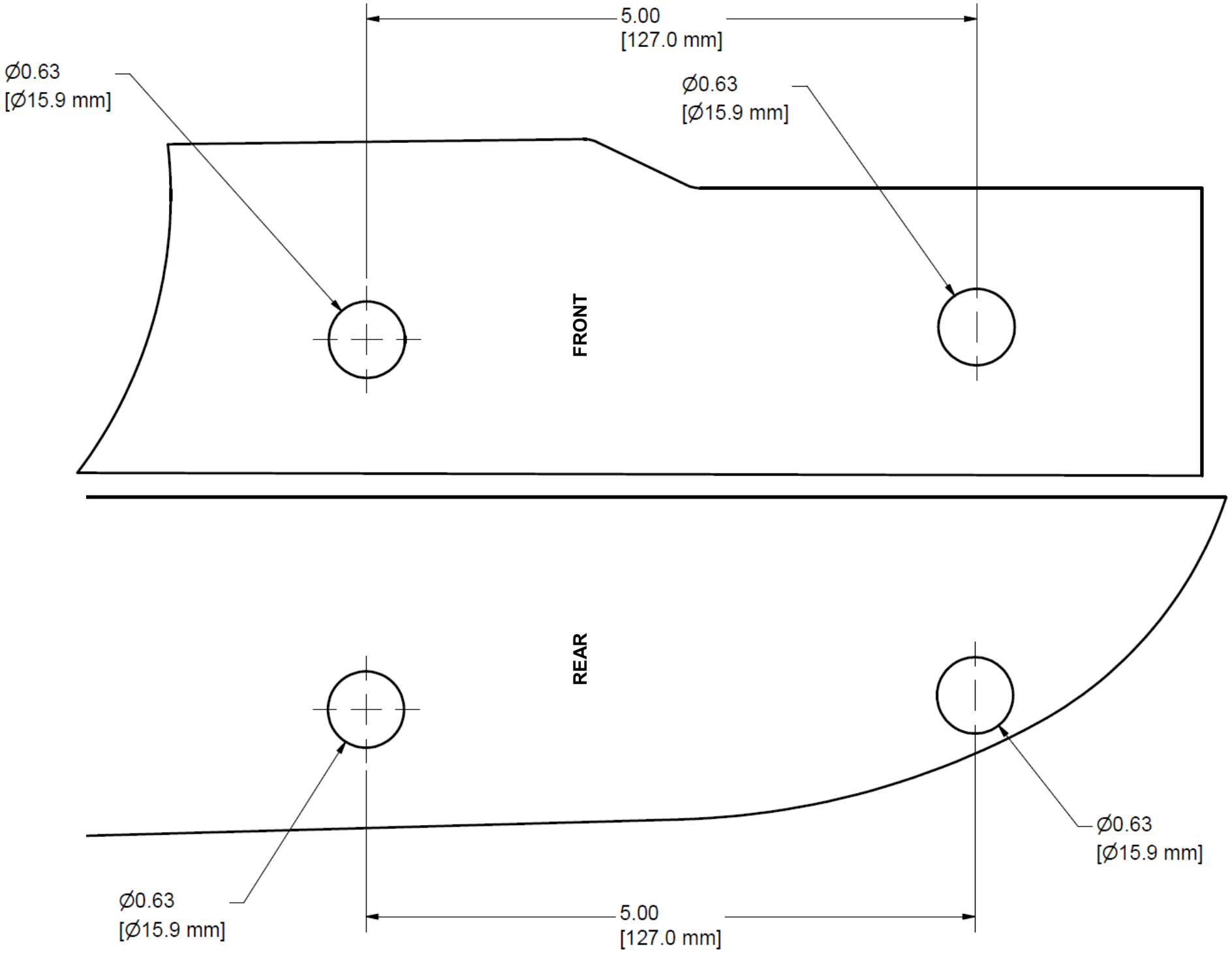
19. Flip the template over for the other side of the vehicle and repeat the process.
20. Install all the supplied 5/16” button head bolts to secure the bed rack using a 3/16” Allen wrench. **See Photo 23**.



21. Press in the plastic T-slot covers in the slots in the rails to minimize dust getting in--these will need to be trimmed.

22. Insert the plastic 11/32” plugs into the remaining holes to minimize dust getting in.

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