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# Rough Country 10406 Installation Instructions

Aluminum Bed Rack for Ford F-150 with 5'7" Bed (2015–2025)

Part number: 10406

trailfortress.com/aluminum-bed-rack-ford-f150-with-5-7-bed-rough-country-10406

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ROUGH COUNTRY
SUSPENSION SYSTEMS®

# FORD 2015-23 F-150 Bed Rack

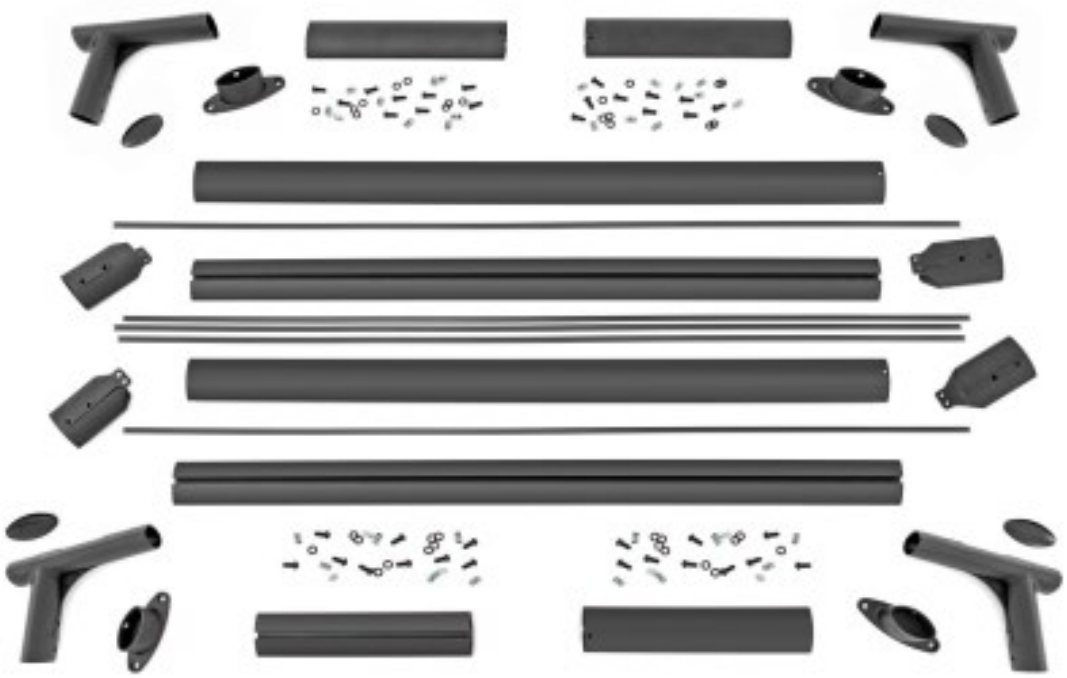
**Thank you for choosing Rough Country for all your vehicle needs.**

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
20 1/2” Upright Bars x4
48-11/16” Bars x3
44-1/4” Side Bars x1
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 |

RC ROUGH COUNTRY

## INSTALLATION INSTRUCTIONS

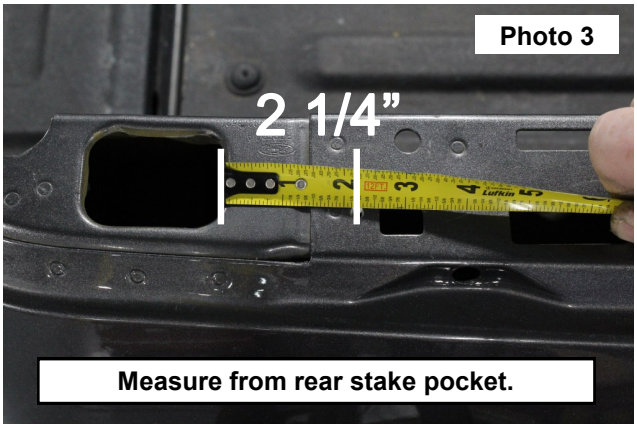
1. Remove plastic bed trim by releasing the clips on under side of bed rail. Use screwdriver to release the clips on the outside. **See Photo 1 and Photo 2**.

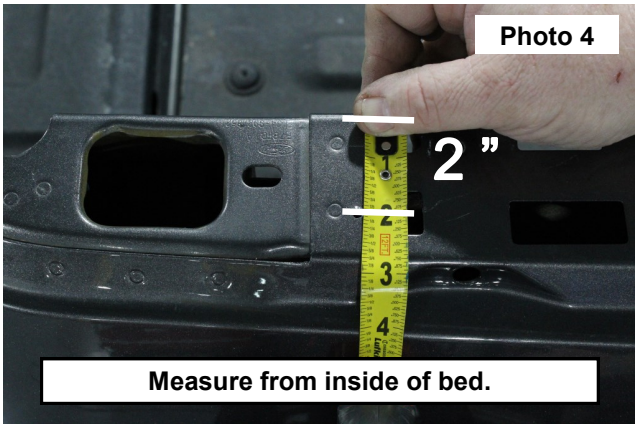




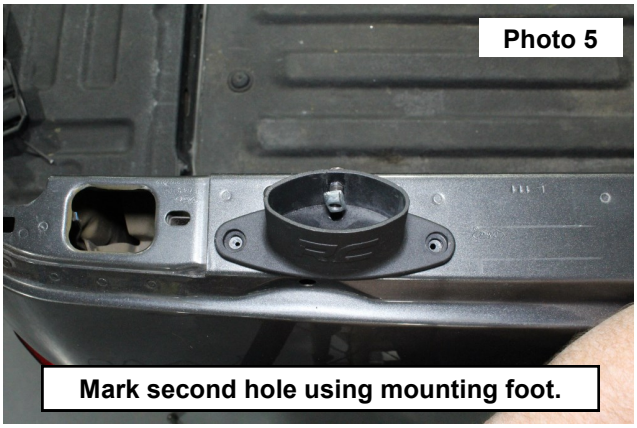


2. Measure 2 1/4” from rear stake pocket and 2” from inside of bed. Mark with paint pen or marker. **See Photo 3 and Photo 4**.



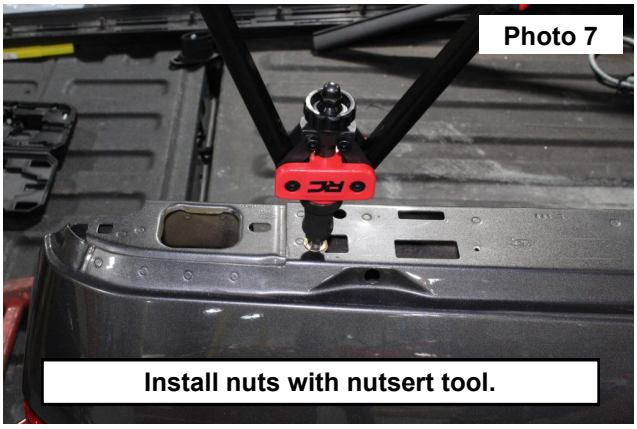



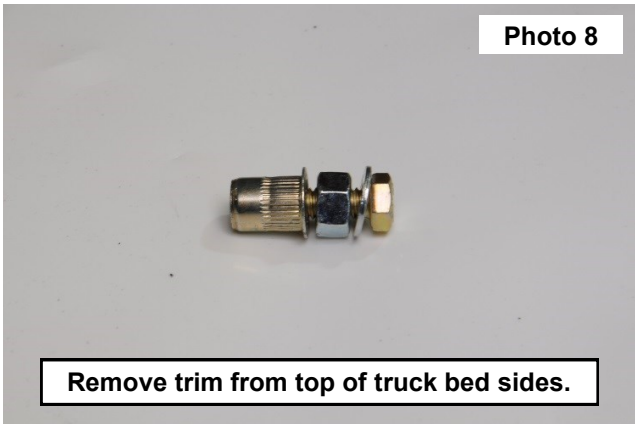

3. Use the bed rack mounting foot and mark the second hole. Make first hole using a small drill to ensure proper alignment. Make final holes with 17/32 drill. . **See Photo 5 and Photo 6.**



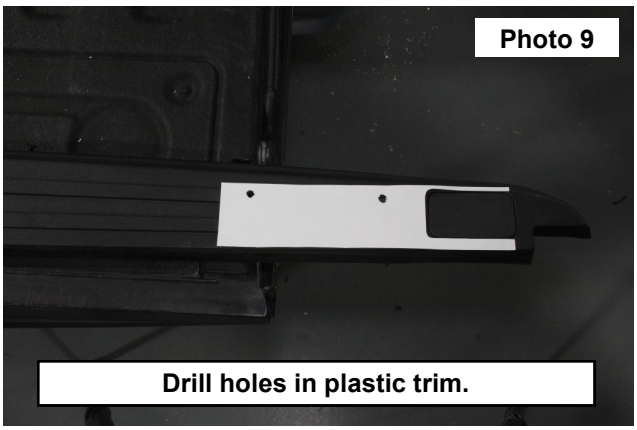


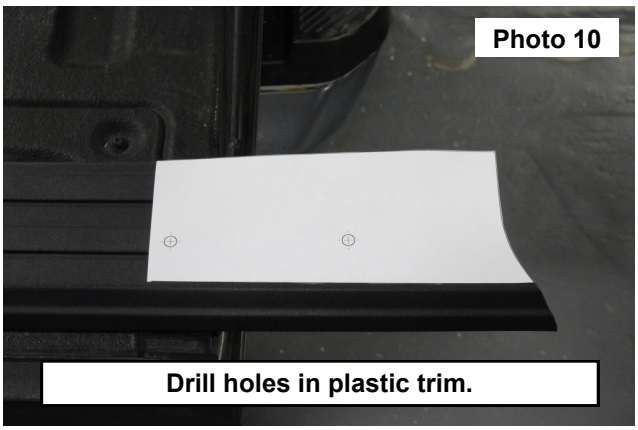

4. **Using RC Nutsert Tool:** Install the nutserts in the drilled holes using a nutsert tool. **See Photo 7**.
5. **Using wrenches instead of nutsert tool:** Using the supplied 5/16” x 1-1/4” bolt, washer, and the 3/8” nut, screw them into a nut insert. **See Photo 8**. Next place the assembly into the 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.



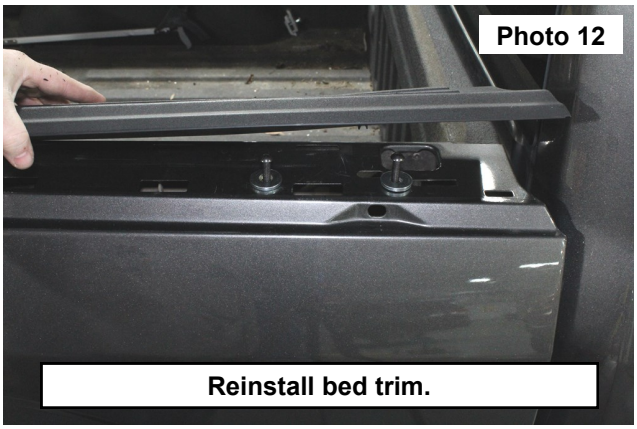

6. Cut out and align supplied templates (**See Photo 9** for tailgate-side template and **See Photo 10** for cab-side template) on the plastic bed trim. Drill with small hole and then check fitment. Drill final holes using 17/32 drill.



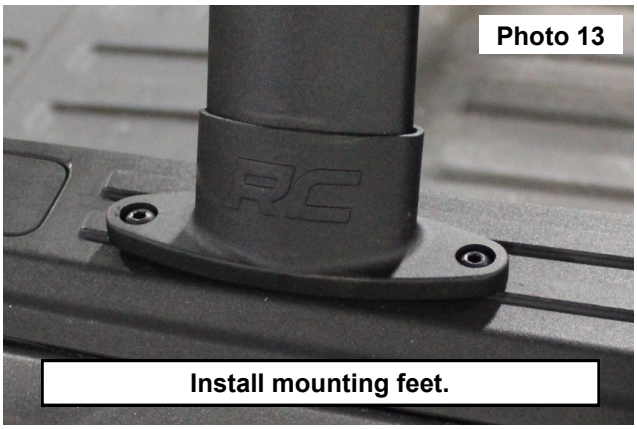



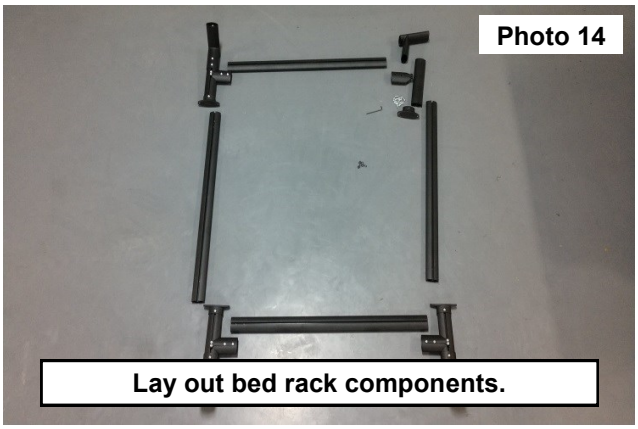

7. Install supplied washers onto nutsert with the bolts to hold the washer in place until plastic bed trim is installed. **See Photo 11.**
8. Reinstall bed trim. **See Photo 12.**



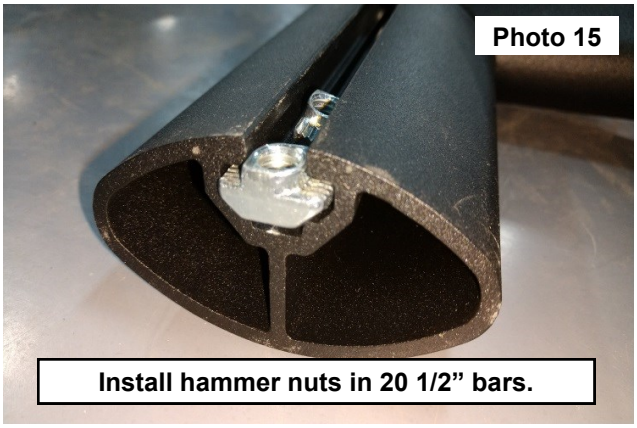



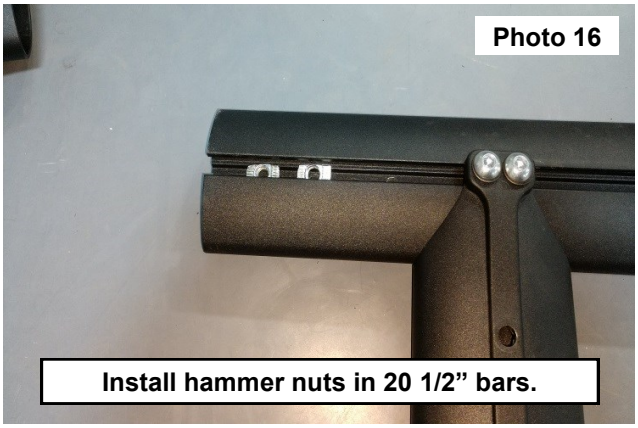
9. Install the bed rack mounting feet. **See Photo 13.**
10. Lay out bed rack components. **See Photo 14. NOTE:** WHEN ASSEMBLING BED RACK, LOOSELY TIGHTEN FASTENERS FOR FINAL FITMENT.



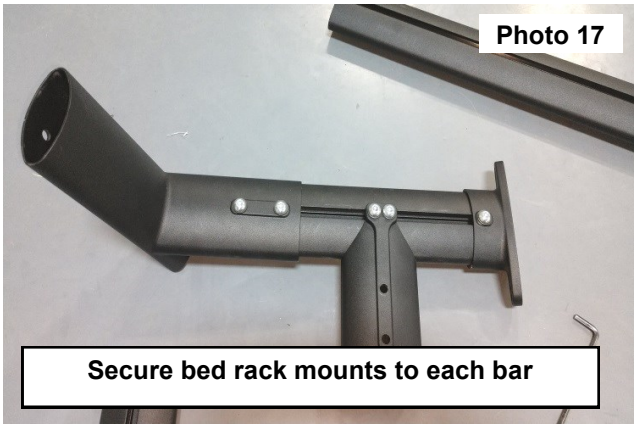



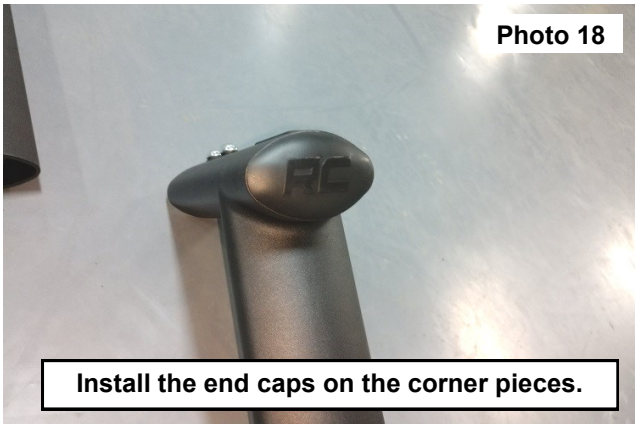

11. Install the 8mm hammer nuts in the 20 1/2” bars and secure the bed rack mounts to each of the 20 1/2” bars with the 8mm button head bolts and lock washers using a 5mm Allen Wrench. **See Photo 15, Photo 16, and Photo 17.**



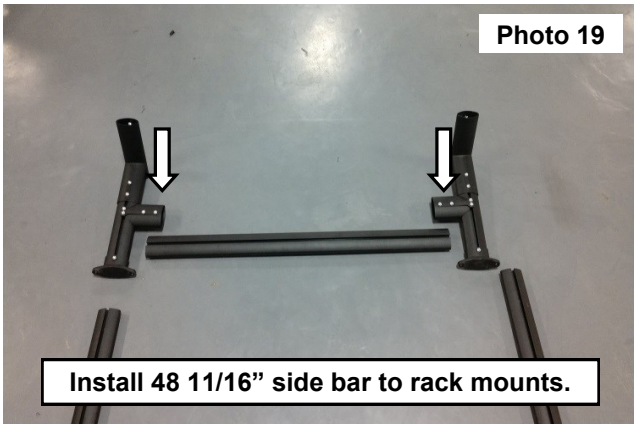



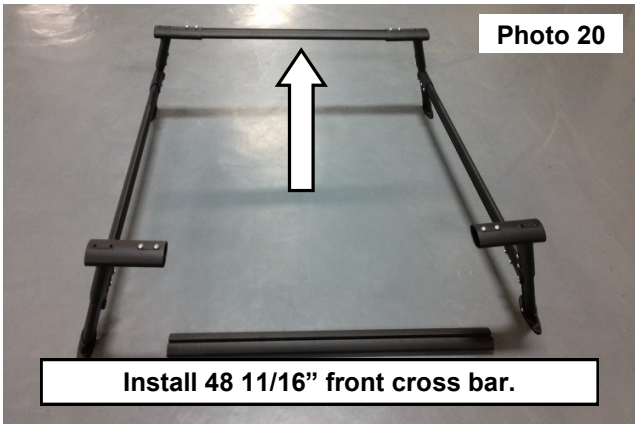

12. **NOTE:** Fully seat the bar to the bottom of the end cap and corner pieces.
13. Install the end caps on the corner pieces. **See Photo 18.**



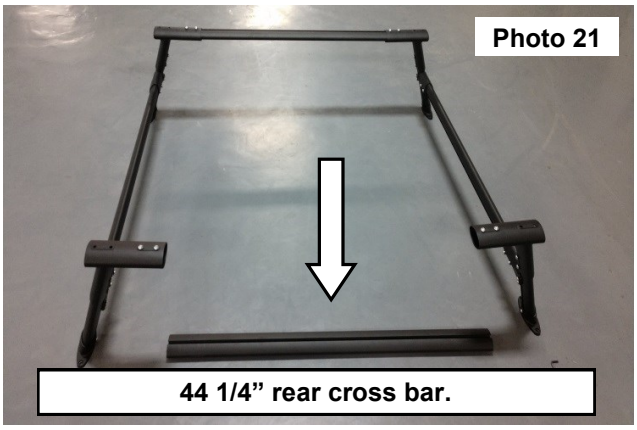



14. Install the 48 11/16” side bars to the bed rack mounts using the 8mm bolts, lock washers, and hammer nuts. **See Photo 19.**
15. Install the 48 11/16” front (cab-side) cross bar using the 8mm bolts and hammer nuts. **See Photo 20.**
16. Install the 44 1/4” rear (tailgate-side) cross bar using the 8mm bolts and hammer nuts. **See Photo 21.**




17. Install the four (4) bed rack posts into previously installed mounting feet. **See Photo 22.**
18. Tighten hardware for final fitment.







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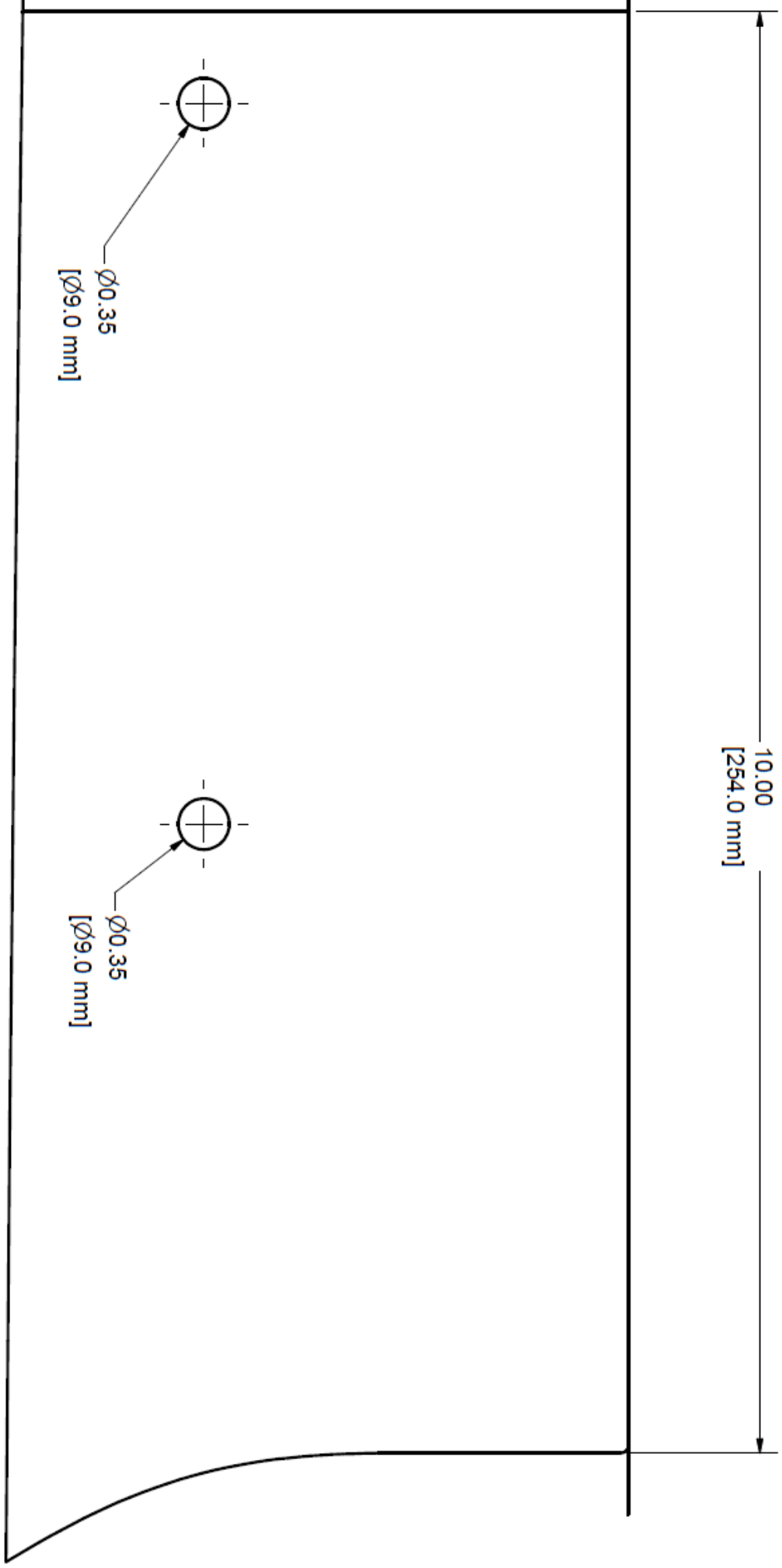
**Front Template**



**Rear Template**

