



TRACRAC - UTILITY RACK STANDARD INSTALLATION

SKU# 28100

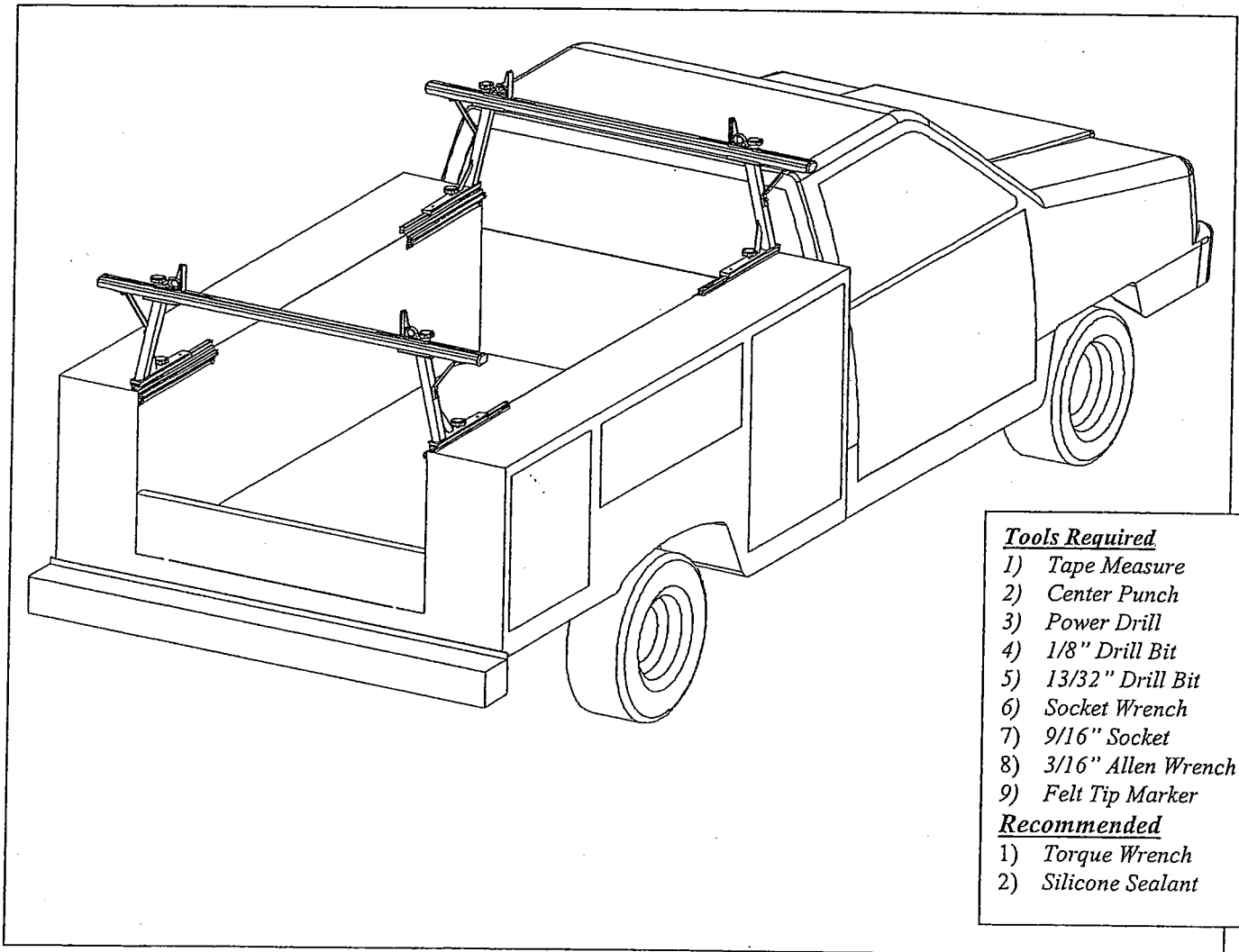
TracRac's Utility Rack System lets you slide your Overhead Racks into position, or remove them swiftly.

Accessories include Base Track Tiedowns and Extension Base Plates, which allow you to reposition your Overhead Racks along the length of your truck bed.

TracRac Utility Rack installation is straightforward, and should take you about 90min to complete. You'll start by attaching the Base Plates to the truck boxes. Then you will assemble the Overhead Racks and slide them onto the Base Plates.

1. Verify you have received the correct parts, using the attached Assembly Drawing and Packing Checklist.

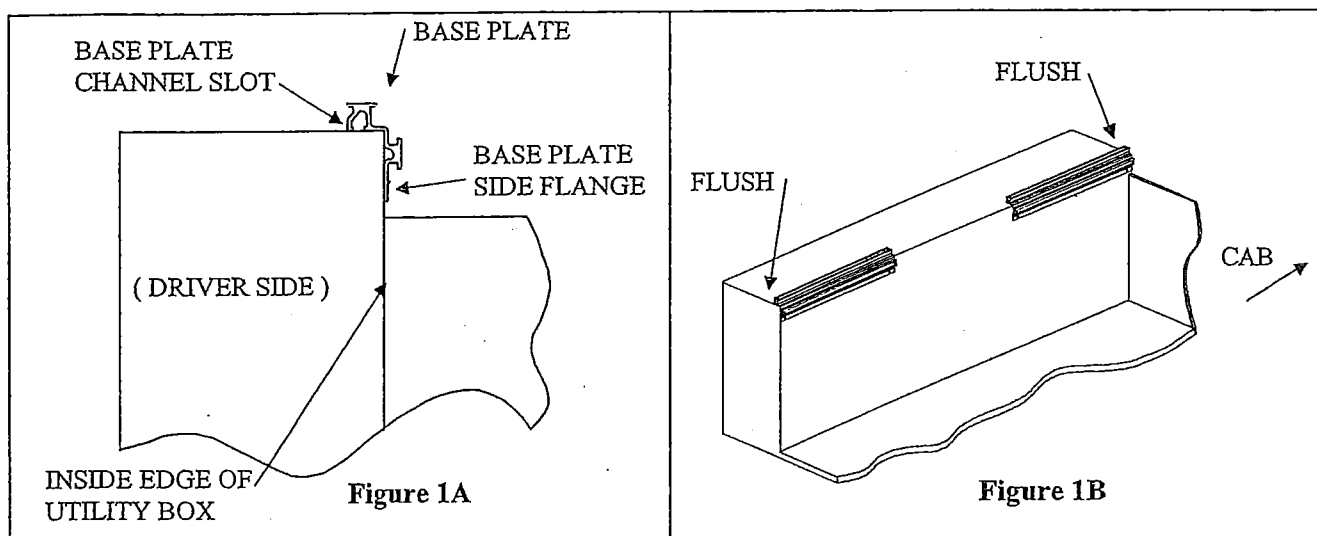
NOTE: If you plan to install Extension Base Plates, please install Base Plates using the instruction package included with the Extensions. Keep this package for OverHead Rack installation.



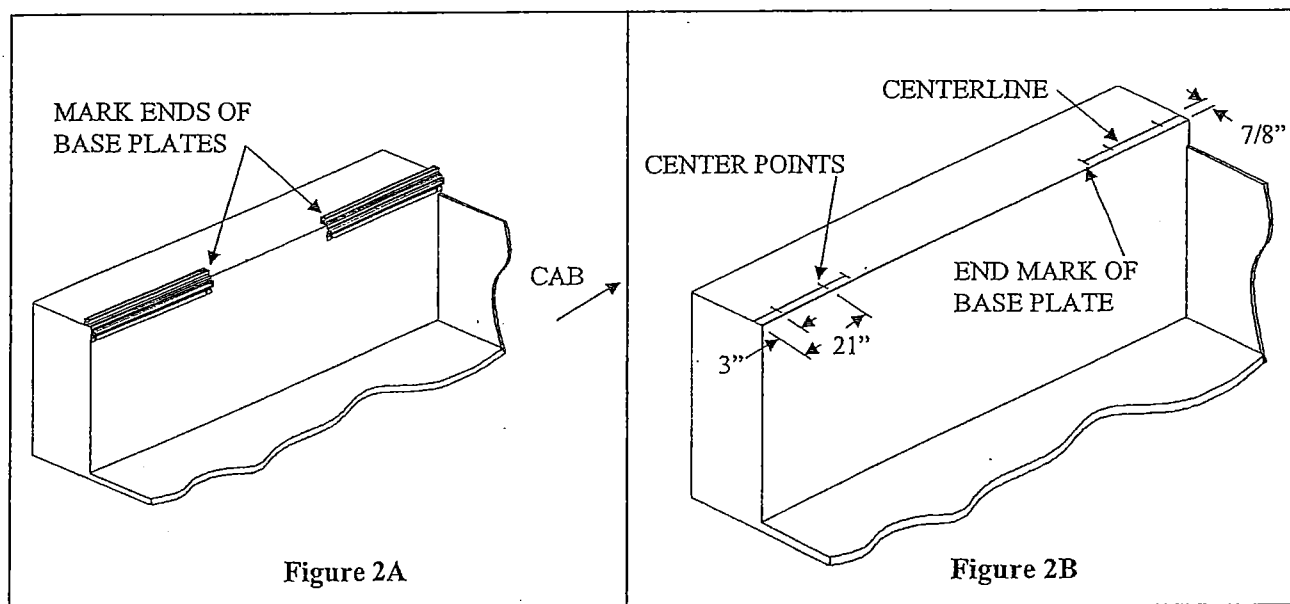
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- Place each Base Plate on the inside edge of the utility boxes, one at each corner. The wider channel slot in the Base Plate mounts to the top of utility boxes. (See Fig 1A) Make sure the Base Plates are flush with the forward and rear edges of the utility boxes. (See Fig 1B)



- Use a felt tip marker to mark the end of each Base Plate on the utility box, then remove the Base Plates. (See Fig 2A)
- Measure $7/8$ " from the inside edge of the box and scribe a 24" line parallel to that edge. This will be your centerline for the top mounting holes. (See Fig 2B) Verify centerline straightness by measuring the distance at beginning and end of centerline.



- Mark 3" & 21" from the ends of the utility box, on each centerline. (See Fig 2B) Note: Before drilling, look inside each box to ensure that there is clearance for the holes. If interference occurs, adjust the hole position 1" front to back along the centerline.
- Center punch at each center point location, and drill $1/8$ " pilot holes. Finish drilling with a $13/32$ " drill bit.

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7. Repeat this process for each Base Plate, for a total of 8 holes drilled into the top of your utility boxes, 2 at each corner.
8. Clean all surfaces of loose shavings and debris and remove marker lines if desired.
9. Starting with the driver's side, slide 2 T-Bolts into the channel slot of a Base Plate. (See Fig 3A) Adjust the bolts into position above the drilled holes in the utility box. Place the Base Plate onto the utility box as you insert the bolts into the drilled holes. Check that the Base Plate is flush with the forward edge of the box, and that the inside corner of the Base Plate fits snugly against the inside edge of the box.
10. Begin assembling the hardware by inserting the rubber Sealing Washer onto the bolt protruding inside the utility box. Push Sealing Washer up until flush against the underside of the box. Then insert, in order, the Fender Washer, Locking Washer and the Hex Nut. Hand tighten the assembly. Repeat for each bolt. (See Fig 3B)

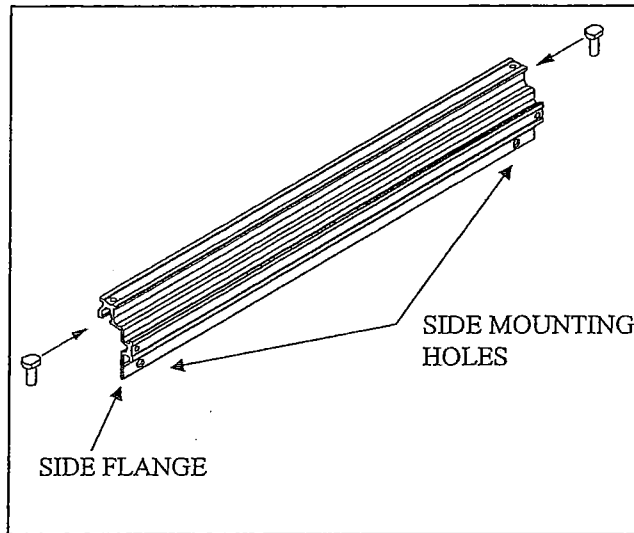


Figure 3A

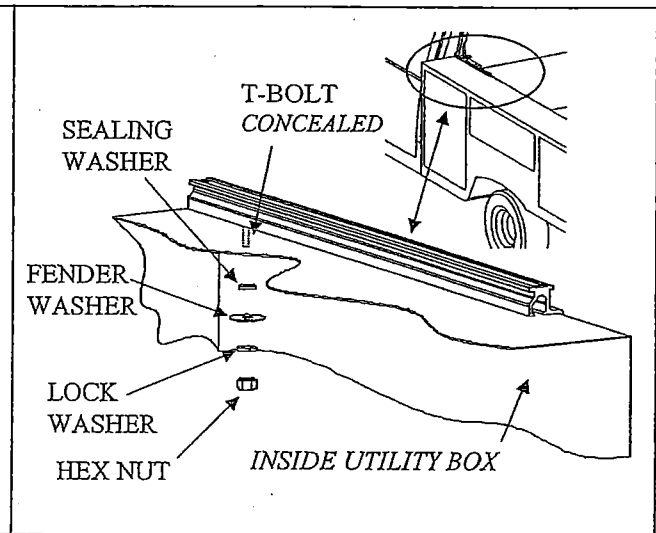


Figure 3B

11. Before you torque the Hex Nuts, check that the side mounted holes have drilling clearance inside the utility box.
Note: If interference occurs, you will need to locate and drill new holes along the same centerline on the Base Plate Side Flange.
12. Tighten all top mounted Base Plate Hex Nuts to a torque specification of 180 in/lbs (15 ft/lbs).
13. Using the holes in the Base Plate side flange as templates, drill the side mounting holes using the same 13/32" drill bit.
14. Assemble the washers and nuts onto all side mounting T-Bolts. See Step 10 for assembly order, and torque to 180 in/lbs.
15. Install a Safety Stop Bolt into each T-Track forward threaded hole.

Your Base Plates are now installed and are ready to accept the Overhead Racks.

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OVERHEAD RACK INSTALLATION (UTILITY RACK)

1. Take the forward left and right Corner Units and slide them onto the top T-Track of the forward Base Plates. *(The forward units have TracRac decals on them)*. Slide them up against the Safety Stop Bolt at the cab end of the Base Plates and lightly tighten the Knobs.
2. Orient a Crossbar so that the side with the Flat Recess faces down. *(See Fig 1A)* Insert 6 T-Bolts into the Crossbar Slot in the bottom of the Crossbar. *(See Fig 1B)* Slide 3 T-Bolts to the right and 3 T-Bolts to the left.

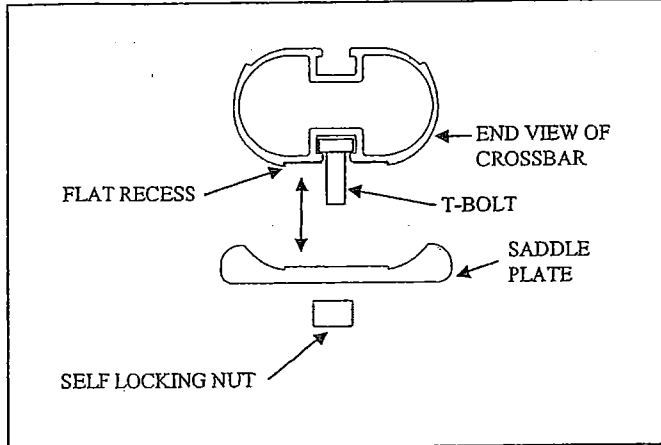


Figure 1A

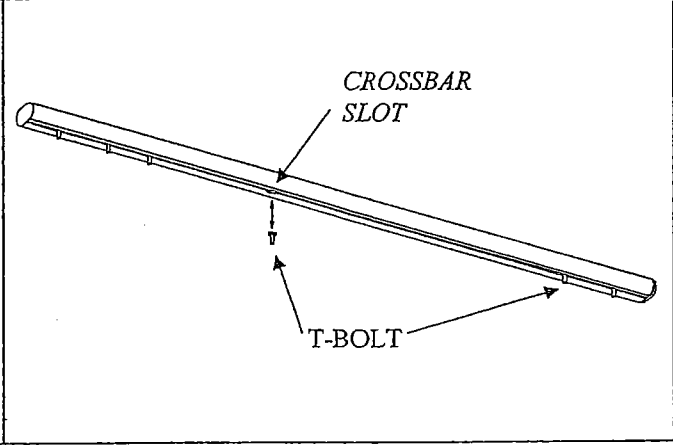


Figure 1B

3. Align the Crossbar over the Corner Units and insert the 4 inner T-Bolts into the Saddle Plate holes. Leave 1 T-Bolt to the outside of each Saddle Plate. *(See Fig 2)* Center the Crossbar left and right between the Corner Unit Saddle Plates.

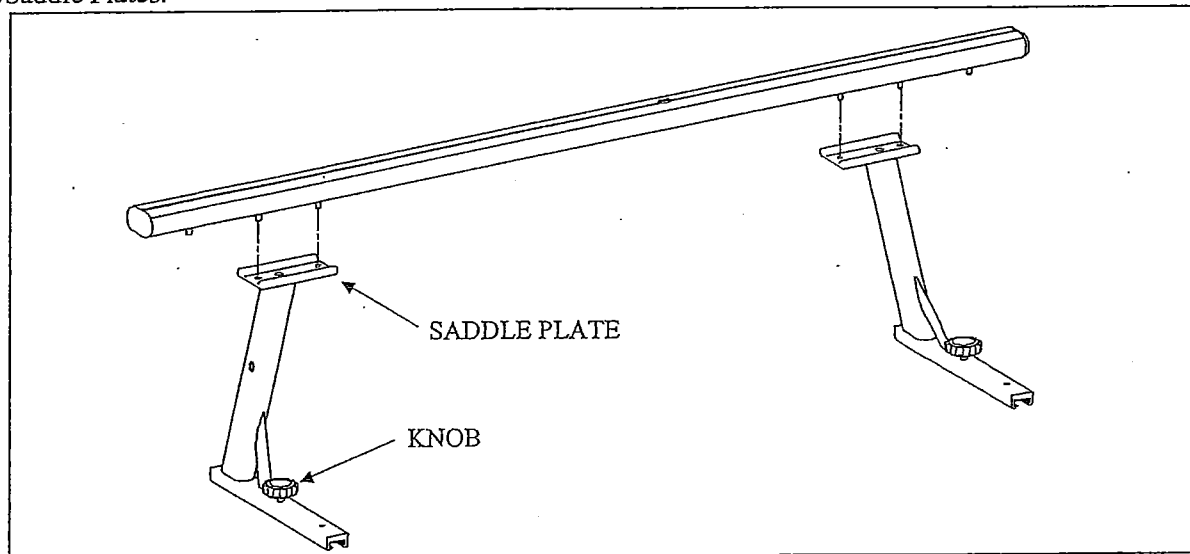


Figure 2

4. Starting with the T-Bolts on the inside left and right, tighten the Self Locking Nuts so the Crossbar fits snugly into the Saddle Plate. *(Note: Make sure the Crossbar is parallel to the Saddle Plate before tightening.)* Finish with the outer Self Locking Nuts.

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5. Attach the Support Braces to the Crossbar and Corner Unit using the remaining T-Bolts at the ends of the Crossbar. Position the Support Braces and attach as shown in Fig 3: Start attaching the Brace to the Crossbar by hand tightening the Self Locking Nut. (See Fig 3)

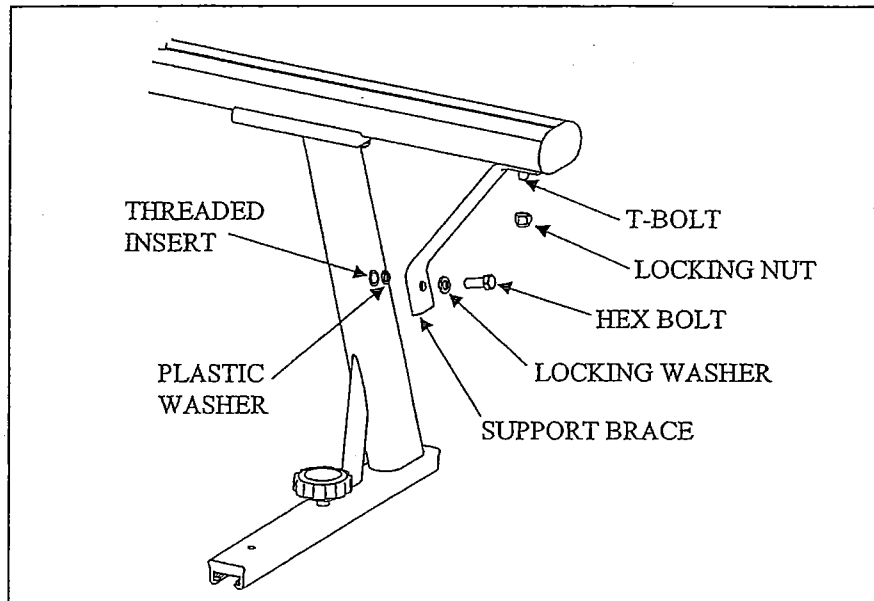


Figure 3

6. Secure the lower end of each Support Brace to the *Threaded Insert* in the Corner Unit. Insert the Hex Bolt through the Lock Washer and insert into the Support Brace. Then insert a Plastic Washer between the Support Brace and Corner Unit and thread the Hex Bolt into the corner. (See Fig 3)
7. Repeat steps 1 through 6 for the rear Overhead Rack.
8. **Tighten all fasteners** in the Overhead Racks to a torque specification of **240 in/lbs. (20 ft/lbs.)**
9. Slide the Crossbar Tiedowns onto the Overhead Rack Crossbars. (*Note: Loosen the Knob on the Tiedown assembly and insert the T-Bolt into the Crossbar Slot first.*)
10. The optional Rubber Strip supplied is designed to protect what you carry on the Crossbars. Cut it to any length you need. Insert Rubber Strip into the *groove* in the Crossbar if desired.
11. Install the 8 remaining Safety Stop Bolts into the Base Plates.

CAUTION: *Always make sure the knobs are tightened down to prevent the Overhead Racks from sliding. Be sure to tighten down the Safety Stop Bolts on the front and rear of the Base Plates as well.*

CAUTION: Re-torque all fasteners after first 100 miles to adjust for settling.
Recheck all torques every 3000 miles: with prolonged driving, vibrations may cause fasteners to loosen.

Capacity: The TracRac Utility Rack System is rated for 750 lbs., evenly distributed over two Overhead Racks, assuming normal driving conditions and loading.

Do not exceed the System's rated capacity, as you could damage the truck's utility box.

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