

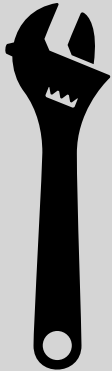


4082 flyBOX

• Rod Locker Mount

Thank you for trusting upTOP™ as your choice for adventure gear. We proudly design, develop, test, and manufacture our products along the front range of the Rocky Mountains in Colorado.

A lot of thought has gone into this product design so that you can install and maintain the product yourself. Browse these instructions to familiarize yourself with the process and required tools prior to beginning your installation. If at any time you do not feel confident completing the installation yourself we recommend professional installation of this product through our network of authorized resellers all over the globe. You can find more information about authorized retailers and installation centers under our dealer locator tab located on our website.



TOOLS REQUIRED:

- 5/32 Allen

NOTE

Additional tools will be required for attaching your rod locker to the **flyBOX** brackets. This kit includes hardware for attaching the **flyBOX** mounting brackets to your upTOP roof and bed rack cross bars. Installation of this product onto other roof and bed racks may require additional hardware not included with this kit.

Product Features

With the **flyBOX** mounting system you can easily secure your rod locker to roof and bed racks. The offset design allows you to “float” the rod locker off the side of the vehicle leaving room and clearance for other critical gear like storage boxes and roof top tents.

The **flyBOX** brackets are constructed from stainless steel and covered in a durable powder coated finish for years of service in harsh environments. The formed brackets are reinforced with welds in critical areas to ensure a solid mounting structure to attach your rod locker giving you confidence that your fishing gear is safe and sound on your rig on the toughest terrain.

When properly attached to your roof or bed rack the **flyBOX** can support rod lockers holding up to six (6) fly rod outfits with no problem.

BE AWARE

When taking advantage of the flexibility of hanging the rod locker off the side of your vehicle be aware of the added width and height added to the vehicle when operating the vehicle on trails with overhead obstacles. Additionally, take into account the added width and height added by your rod locker to the vehicle when attempting to enter home or parking garages.

4082 flyBOX

Part Number	Qty	Description
4082 flyBOX Bracket	2	Formed Bracket-Black
ETT 010	4	Threaded Insert Black ZP
43826514008-BL	12	1/4-20 x .500" Black Zinc SS Bolt
4305108-BL	12	1/4 Lock Washer Black Zinc SS
433403108-BL	12	1/4 Flat Washer Black Zinc SS
VC3 1mL	1	1mL Pillow Pack Thread Lock

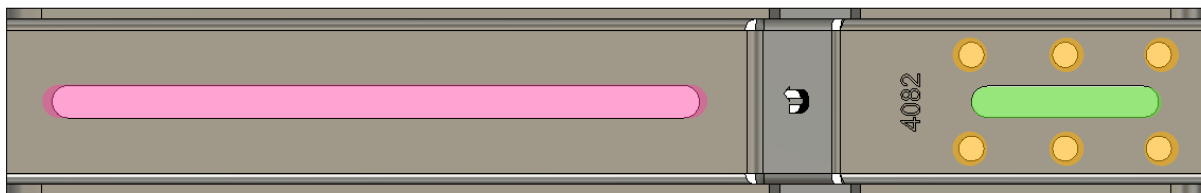
VC3 Thread Lock Application

Prior to installation please apply the included VC3 thread lock to the threads on all bolts supplied from upTOP with your **flyBOX** kit and allow to air dry for 30 minutes prior to installation. Allowing proper cure time allows the product to function as intended. Never install when wet.

INSTALLATION NOTES

- You will need to gain access to the TOP slots in the cross bars of your bed or roof rack. Depending on where you will attach the 4082 brackets this might require certain portions of the rack to be disassembled for access to the hardware securing the cross bars into the rack body. Refer to roof rack installation instructions or contact customer support if you need assistance.
- The 4082 brackets should be placed as far apart as possible to provide adequate support to your rod locker. In most cases we recommend attaching the brackets to a common plane, meaning that on pickup trucks you should never attach one bracket to a rack system installed to the bed, and the other bracket attached to a rack installed over the cab of the vehicle. Frame articulation between the cab and bed of a pickup truck can cause twisting that will put unnecessary strain on your rod locker and can cause your hardware to become loose. If you must install in this configuration it is your responsibility to check all hardware regularly to ensure proper torque.

4082 flyBOX Bracket

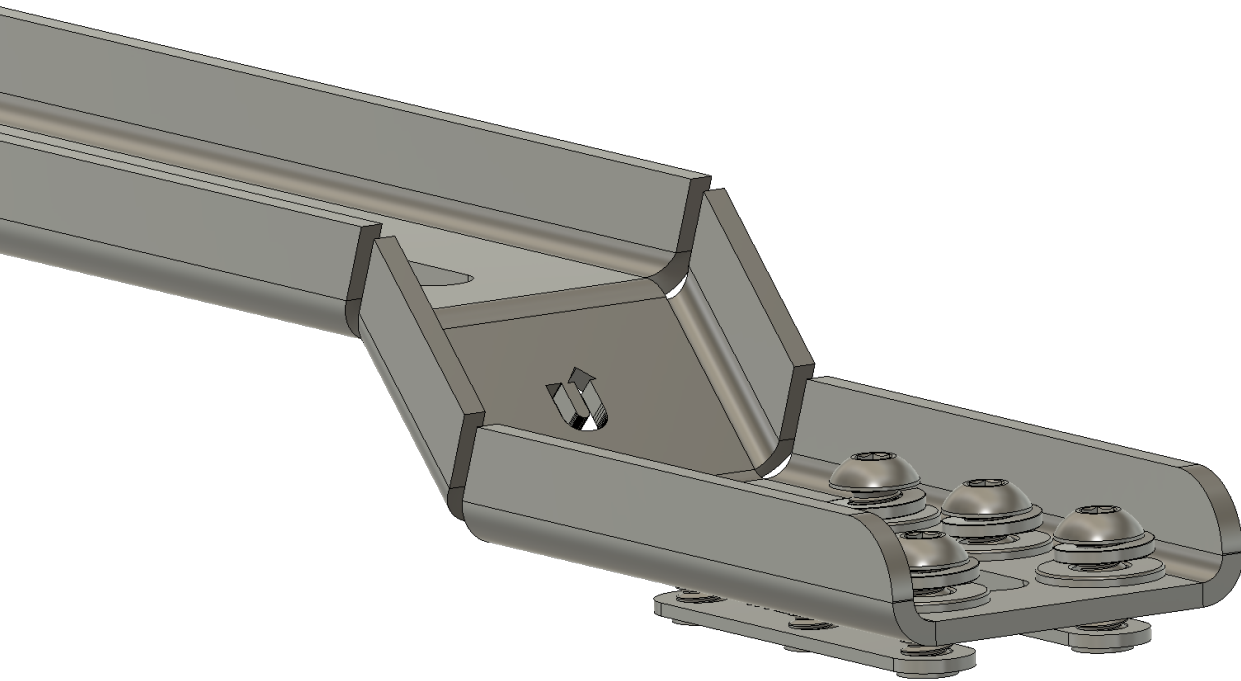


Slots and Holes

The 4082 bracket is designed to play nice with a host of different roof racks and hardware sizes.

- Your rod locker will use the hardware included with your rod locker to attach in the area above indicated in **PINK**. This slot is sized to work with 1/4 and 5/16 sized hardware as well as M6/M8 metric hardware with no modification. For reference this slot is 6.5 inches (165mm) long giving you plenty of room for larger rod lockers without the need to modify the bracket.
- The holes indicated in **ORANGE** will be used with the mounting hardware included with your flyBOX kit and will work with upTOP roof and bed racks. They will also work well with Prinsu roof racks and the included hardware will work with that brand roof rack as well. These holes are compatible with both 1/4-20 (included) and M6 sized hardware.
- The smaller slot shown in **GREEN** is centered in the bracket and would be used on Front Runner, Rhino Rack, and similar platform roof racks. It can also be used on a wide variety of bed racks that don't use extrusions as the cross bars. This slot is sized to work with 1/4 and 5/16 hardware as well as M6/M8 hardware as needed. For reference this slot is 1.625 inches (41mm) long.
- With the stainless steel material used for the 4082 brackets if you needed to modify by drilling or cutting additional holes you can do so without the worry of corrosion afterwards. Modifying the brackets for your personal requirements will not void your warranty but we do ask that you not interfere with or modify the welded areas as they are critical to keeping the bracket rigid for use with such a thin material for a low profile mounting solution.

Hardware Assembly

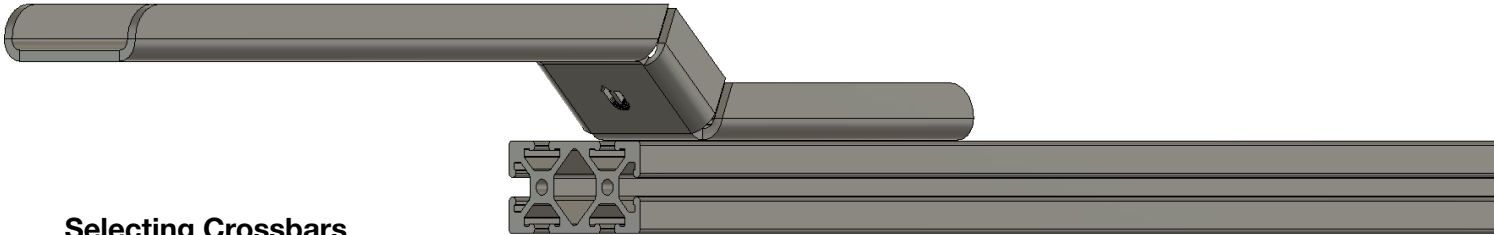


Included Mating Hardware

As indicated on page 2 please apply the VC3 thread lock to the bolts included with your kit and allow to air dry for 30 minutes prior to assembly or installation. Never install the bolts with wet/sticky VC3.

- Each bracket will mount to your upTOP rack with six (6) bolts and utilize both mounting channels on the top of your cross bar.
- We find it easier to assemble the hardware to the brackets and once you gain access to the end of the cross bar, simply slide the bracket into the channels by aligning the threaded inserts. Doing it this way you'll spend less time on a stool or ladder trying to line up all the hardware.
- Each bolt location will also receive a lock washer and flat washer. Failure to use both can cause the bolt to bottom out in the cross bar channel. For proper orientation the lock washer should be closest to the bolt head with the flat washer resting on the 4082 bracket when assembled.
- Assemble the hardware for both brackets.

4082 on Crossbars



Selecting Crossbars

For the most stability of your rod locker you want the brackets as far apart as possible. It's also important for jointed (two piece) rod lockers that you have a bracket on each side of the joint. This will keep the stress at a minimum on your rod locker.

It's going to be easier to space them far apart on SUV's than it is trucks and other pieces of gear will always have to factor in to your mounting locations so think about this carefully before you select your locations.

Once you've committed to the location.....

- Remove the cross bar mounting hardware and lift the cross bar up so that you can slide the 4082 bracket into place.
- Place both brackets and return the cross bar mounting hardware. Leave the hardware for your 4082 brackets loose so that you can slide it back and forth. After you've got the rod locker attached and everything is situated to your liking you'll be able to tighten everything up.

To reiterate the point.....

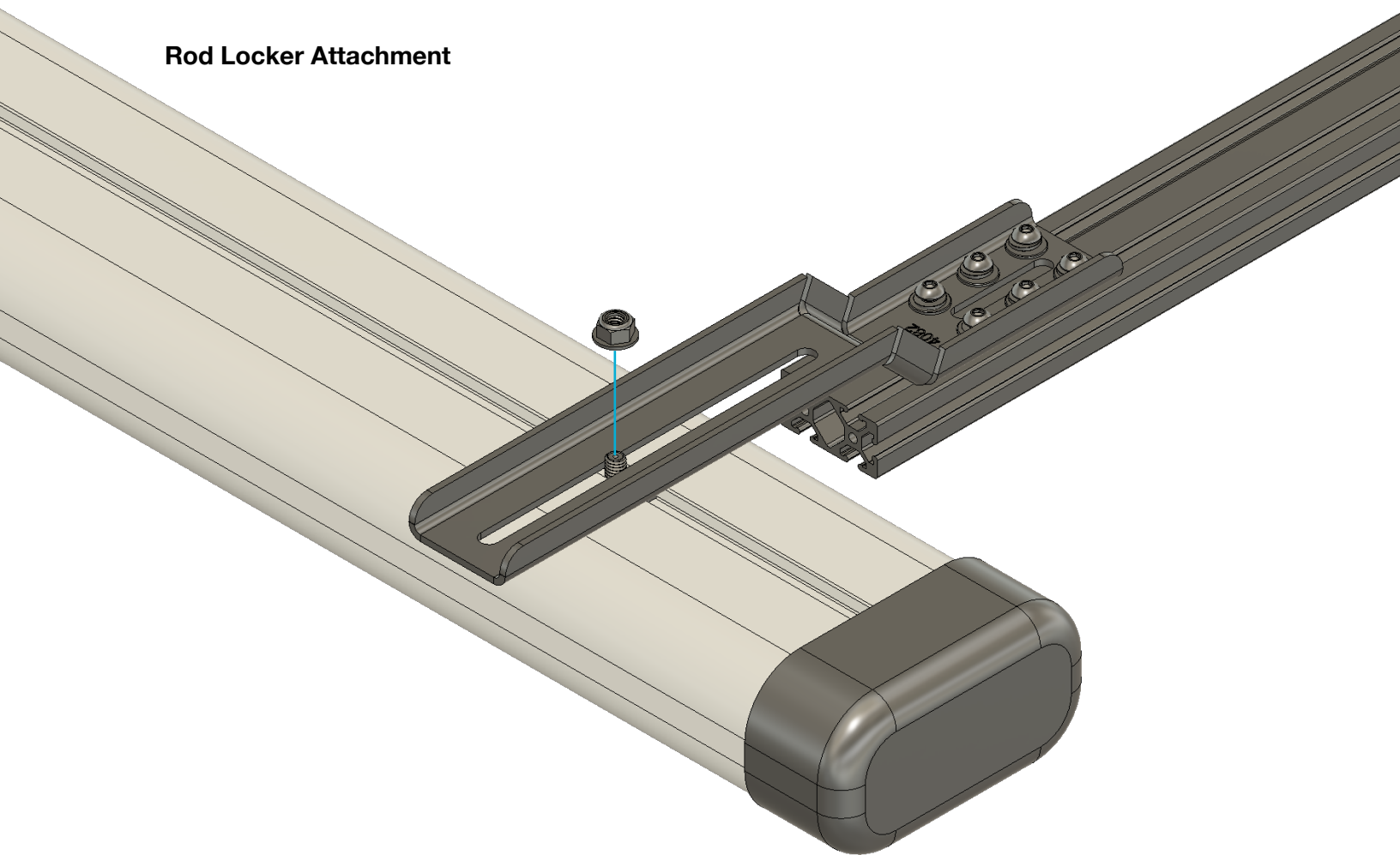
We don't recommend that you attach the rod locker to two different roof racks, like one over your cab and the other over your truck bed. On SUV's this is a non issue but with trucks you will have frame twist (called articulation) when you are Offroad.

With frame articulation the bed moves the opposite direction of the cab of the truck when you are flexing out your suspension, especially for those instagram pictures where you want to show off your amazing long travel shocks.

Now.....we don't recommend it BUT we know that some of you are going to do it anyway so here we go:

Mounting the rod locker to two different racks will put a lot of stress on the rod locker mounting hardware and will eventually cause the hardware to become loose. If left un-checked this means at some point you are going to drop your rod locker, and potentially thousands of dollars of rods and reels onto the ground very near where your tires are. Use your imagination for how this story ends. If you are going to do this....**CHECK YOUR HARDWARE OFTEN.**

Rod Locker Attachment



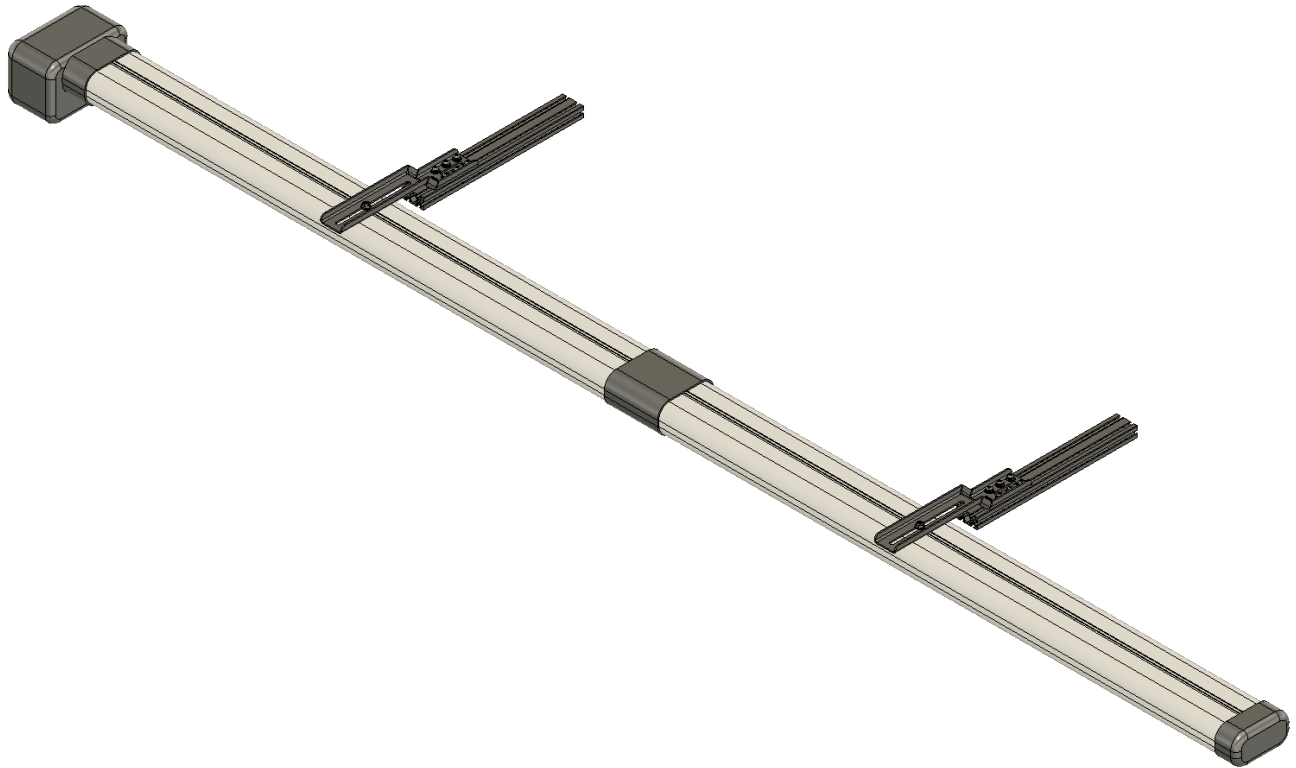
Mounting the Rod Locker

For this step you will be using the hardware supplied with your rod locker, so don't go digging through your flyBOX mounting kit looking for something that isn't there.

Although you can certainly sit the rod locker on top of the brackets we intend to mount as shown above by hanging, or suspending, the rod locker from the flyBOX mounting brackets. This configuration is usually compatible with hardware included with rod lockers. If you choose to go the other way you will need additional hardware that will most likely be difficult to track down.

- Position the rod locker so that the mounting hardware aligns with the slots in your **flyBOX** mounts. (**RiverSmith style shown for reference, others may vary**)
- Install the hardware to secure the rod locker at both locations. A pair of quickGRIP clamps can be most helpful in this step to temporarily hang the rod locker at both mounting locations allowing you to tweak and slide it around as needed without needing an extra pair of hands. If you don't have the clamps you're going to need a pal for this.
- Adjust the location/position of the rod locker to your liking and then fully tighten the hardware securing the rod locker to the **flyBOX** mount.

TRUSS Bed Rack Spacing



Bed Rack Fitment

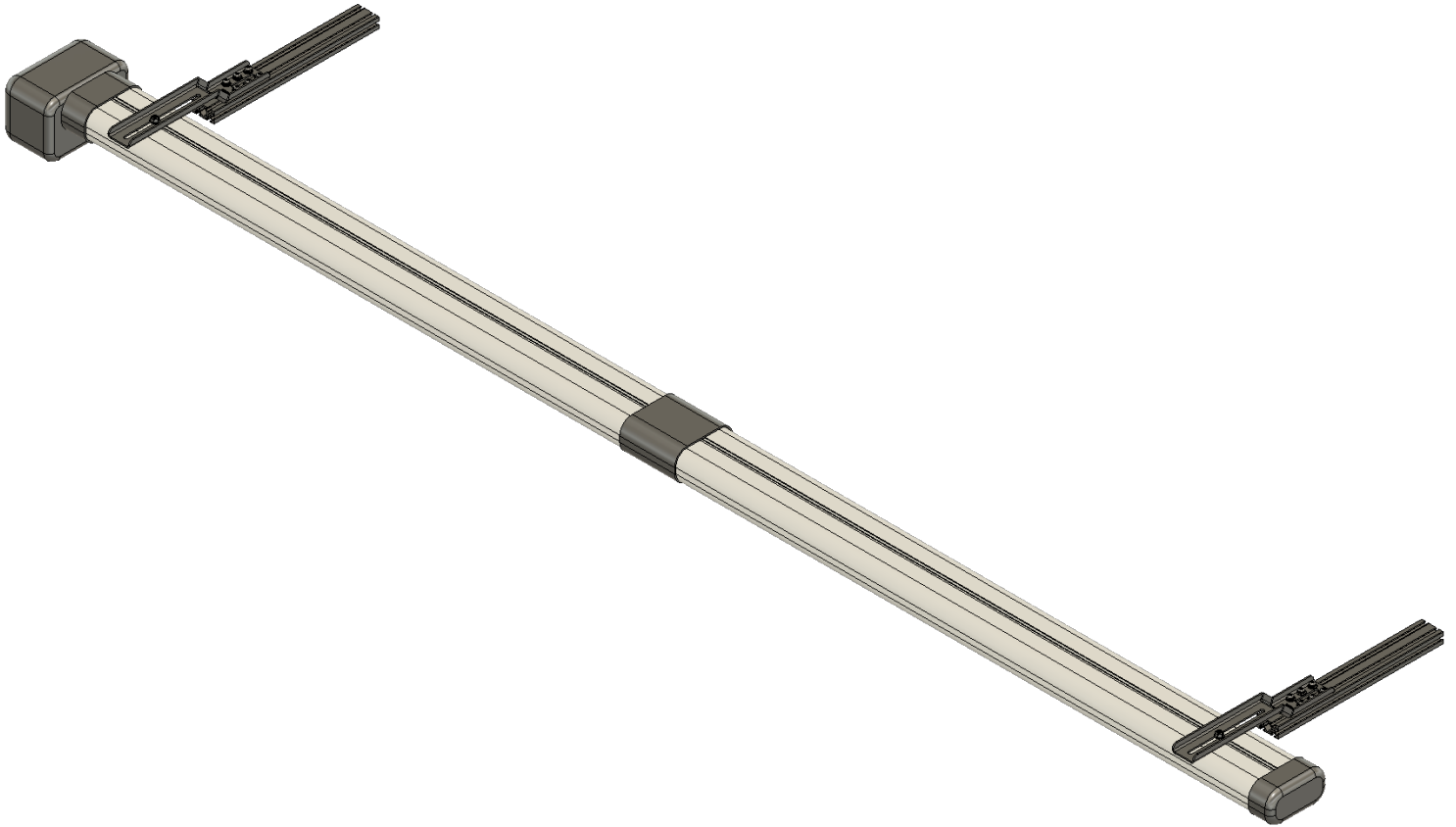
When fitting the flyBOX to a bed rack you're going to be anchoring a very long (in most cases) rod locker to a much shorter truck bed.

Notice in the illustration the location of the flyBOX mounts and how they are fore and aft of the joint brace used to assemble the rod locker. Some rod lockers have a solid construction (and more expensive shipping costs) and will not be affected as much by the position of the mounts.

For two piece style rod lockers please be sure that you are supporting the rod locker on both sides of the assembly joint location as shown above.

- Once you've positioned the rod locker to your liking, use a 5/32 Allen wrench to fully tighten the hardware securing the **flyBOX** mounts to your cross bars.
- For our fellow engineers you can tighten the hardware to 3 ft LB.

Roof Rack Spacing



Roof Rack Fitment

When fitting the flyBOX to a roof rack you're going to be anchoring a very long (in most cases) rod locker to a shorter roof rack.

Notice in the illustration the location of the flyBOX mounts and how they are fore and aft of the joint brace used to assemble the rod locker. Some rod lockers have a solid construction (and more expensive shipping costs) and will not be affected as much by the position of the mounts.

For two piece style rod lockers please be sure that you are supporting the rod locker on both sides of the assembly joint location as shown above.

- Once you've positioned the rod locker to your liking, use a 5/32 Allen wrench to fully tighten the hardware securing the **flyBOX** mounts to your cross bars.
- For our fellow engineers you can tighten the hardware to 3 ft LB.

Contact Information

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Do your part. Our company is founded and staffed by outdoor enthusiasts that understand how fragile our planet really is. The most important message that we can impart to you about enjoying our open spaces is to leave them better than you found them. Don't be a dick. Pick up after yourself. Pick up after others that don't and when possible educate them as to why they should. Stay on designated trails, camp sites, and pathways. If you take it with you, bring it back with you. There are no excuses.

Manufacture responsibly. We strive to produce an American made product that will perform as intended for many years and we try very hard to do that with locally sourced materials from other small businesses because relationships matter to us. When absolutely necessary we will import components for our products from other countries and we maintain strict guidelines for the companies we work with to ensure that their employees are treated with dignity and respect.

Lifetime warranty. As over-engineered as some of our products can be eventually something will break. We will repair or replace at our discretion any product found defective due to manufacturing deficiencies. This warranty does not cover abuse, misuse, neglect, ignorance, or damage caused from exceeding the recommended weight loads of the product. This warranty covers only products manufactured or used in the manufacture of upTOP Overland products. Third party products purchased from upTOP Overland are subject to the origin company the product was sourced from.

Content sharing. We love to see all the pictures and videos of our stuff in action on your rig. You can share the content via email and/or social media 24/7 and if we share it with our audience we will credit the photographers and vehicle owners whenever possible.

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