



upTOP ALPHA RAPTOR/F150 2010-2020

Effective 2023 we are making some changes to our products that might not be reflected in this guide. Major changes for 2023 include:

- Removal of **lock washers** from hardware kits in some cases.
- Switching to through-bolt assembly on Alpha roof racks instead of rivet nuts.
- Foot to rack bolts upgraded to lock nuts.
- Revised slot array in grooveTEK on Alpha/Bravo roof racks.

Thank you for selecting upTOP™ as the choice for your vehicle. The roof rack designed for your platform requires competency with basic hand tools and assembly procedures. If you are not comfortable or you feel it is above your pay grade you are encouraged to seek professional installation of this product. Please see important information below regarding attachment methods before beginning installation.

TOOLS REQUIRED

- 5/32 Allen wrench
- 5mm Allen wrench
- 13mm wrench
- 1/2" wrench (2X)
- 7/16" wrench
- Rivet Tool (w/.110-.125 Mandrel)
- Cordless Drill
- Tape Measure
- Silicone Sealant
- VibraTITE VC-3 Thread locker (Included)

Important Information

Your vehicle does NOT have factory mounting provisions for the roof rack and will require the installation of specialized components designed to provide a place for the roof rack to anchor to the vehicle. This process requires precise measurement, drilling and the installation of rivets. You need a rivet gun to complete this installation.

You will need adequate floor space to assemble your roof rack prior to installing it to your vehicle. An area 80x80" is recommended for this assembly.

You are encouraged to inspect the contents of your package prior to completing assembly and installation. For any missing/damaged parts email pictures and descriptions to support@uptopoverland.com with your order number as reference in the subject line. A specialist will assist you with the process for field repair or component replacement.

It is important to plan for any wiring that needs to be completed during the course of rack installation. Incorporate these steps into the steps in this guide at points that reduce additional disassembly of the rack while it is installed on the vehicle.

Major Component Chart Ford Raptor/F150 2010-2020

PN #	Quantity	Description
1041.2	1	Driver Side grooveTEK
1042.2	1	Passenger Side grooveTEK
1141	1	Driver Side Armor
1142	1	Passenger Side Armor
1328	4	Middle/Rear Foot
1329	2	Front Foot
1367.3	4	Middle/Rear Rivet Plate*
1368.3	2	Front Rivet Plate*
LB54	7	Load Bar 54.50"
1266-1271 1500-1506	1	Wind Screen-Options Vary**

*Ships Pre-Assembled from factory

**Wind Screens machined for specific lights will include hardware NOT included on this chart.

Please refer to wind screen lighting guide for detailed information on light specific wind screens.

Torque Specification Chart Ford Raptor/F150 2010-2020

Fastener Location	Required Torque	Thread Locker Required
Load Bar First/Last	80 Inch Pounds	No
Load Bar-All Other	75 Inch Pounds	Yes
Feet to Rack	125 Inch Pounds	Yes
Wind Screen	65 Inch Pounds	No
Armor to grooveTEK	65 Inch Pounds	Yes
Rivet Base to Foot	75 Inch Pounds	Yes
Rack to Roof	95 Inch Pounds	SEALANT

Torque specs provided for final assembly AFTER roof rack is installed to vehicle. You are encouraged to hand tighten fasteners prior to final assembly to aid in adjustment for fitting rack to vehicle. Torque specifications provided in INCH POUNDS. 1 Inch Pound = .083 Foot Pound



The mounting feet for the Ford Raptor/F150 must install to specific locations machined into the grooveTEK panels of the rack assembly. To ensure proper alignment the feet must be attached according to illustrations provided to the proper side of the grooveTEK. Failure to mate the feet properly will result in slot alignment issues when mounting the roof rack to the vehicle. Details are provided in the following illustrations.

APPLY VIBRA-TITE VC3 Compound to all Foot Bolts.

GATHER THE FOLLOWING:

- 1041 Driver Side grooveTEK
- 1042 Passenger Side grooveTEK
- Hardware Bag ID 8001.4
- 1/2" wrench (2X)
- 1328 Middle/Rear Feet (4X)
- 1329 Front Feet (2X)

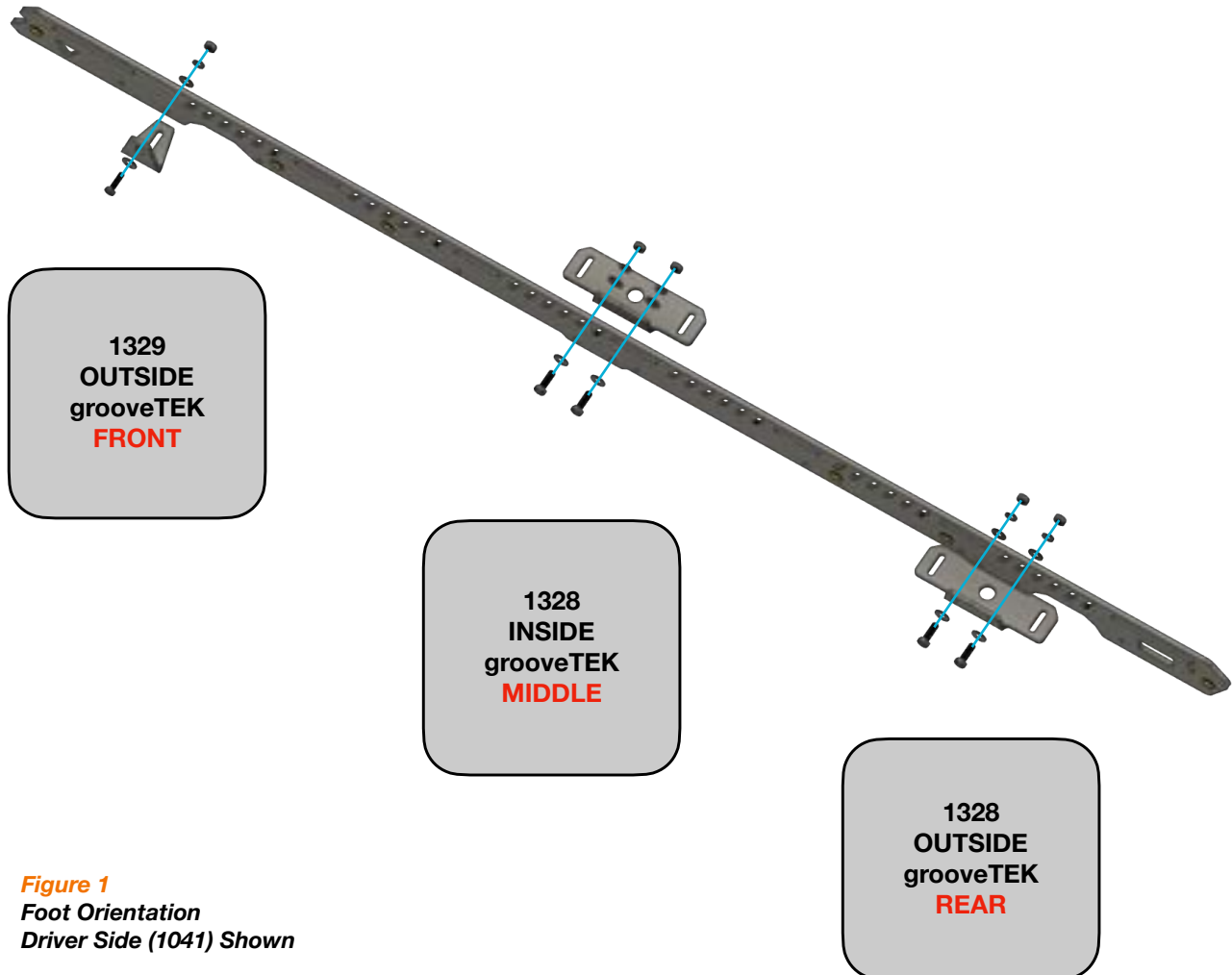


Figure 1
Foot Orientation
Driver Side (1041) Shown

**1328 FLANGE MATES TO OUTSIDE
REAR FOOT**

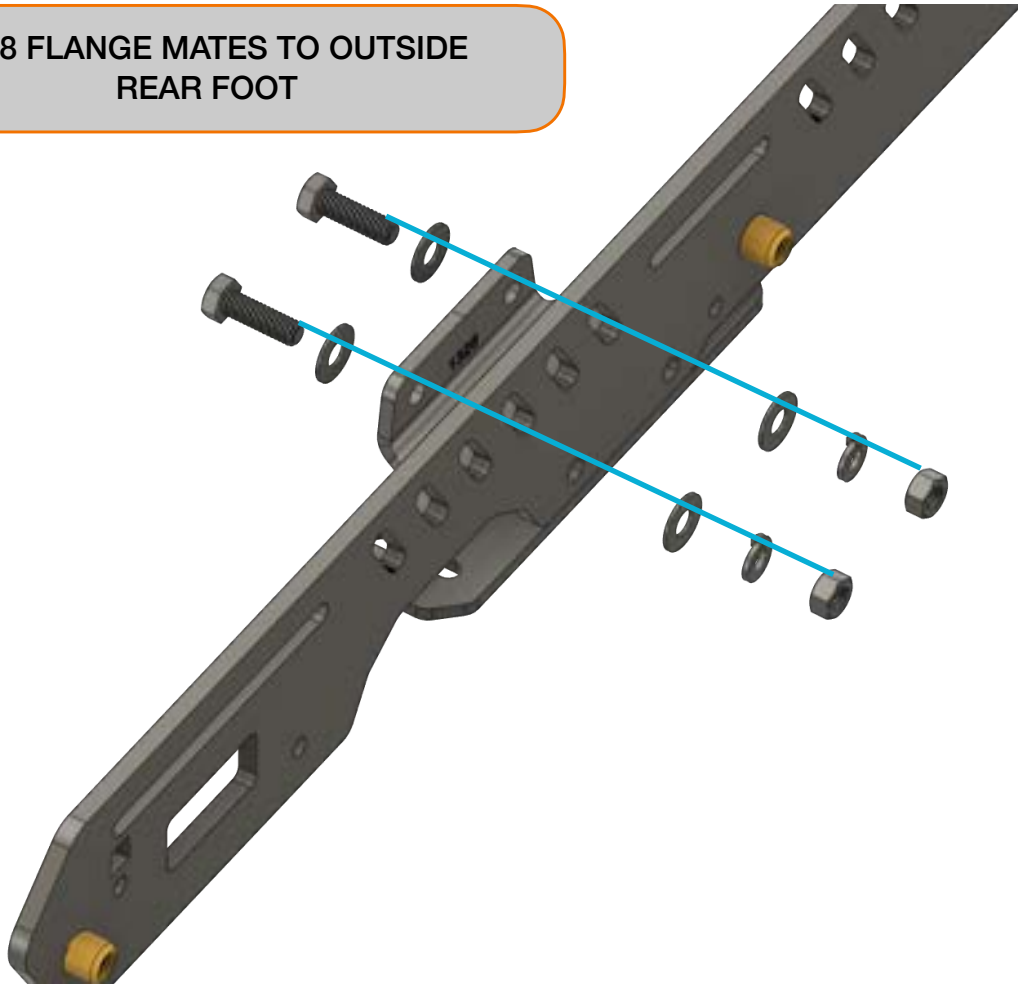


Figure 2
1328 Foot
Driver Side (1041) Shown
REAR Location

The REAR mounting feet will attach with the following hardware:

- 5/16-18x1 HEX Bolt (2X)
- 5/16 Washer (4X)
- 5/16 Lock Washer (2X)
- 5/16-18 Hex Nut (2X)

To Install the REAR Feet:

- Use the **BLUE** lines as a guide and assemble the hardware as shown.
- With a pair of 1/2" wrenches tighten the feet into position.
- Refer to torque specifications on page 2 and tighten the fasteners to specification.
- Repeat the process on the passenger side grooveTEK (1042) with another 1328 Foot.

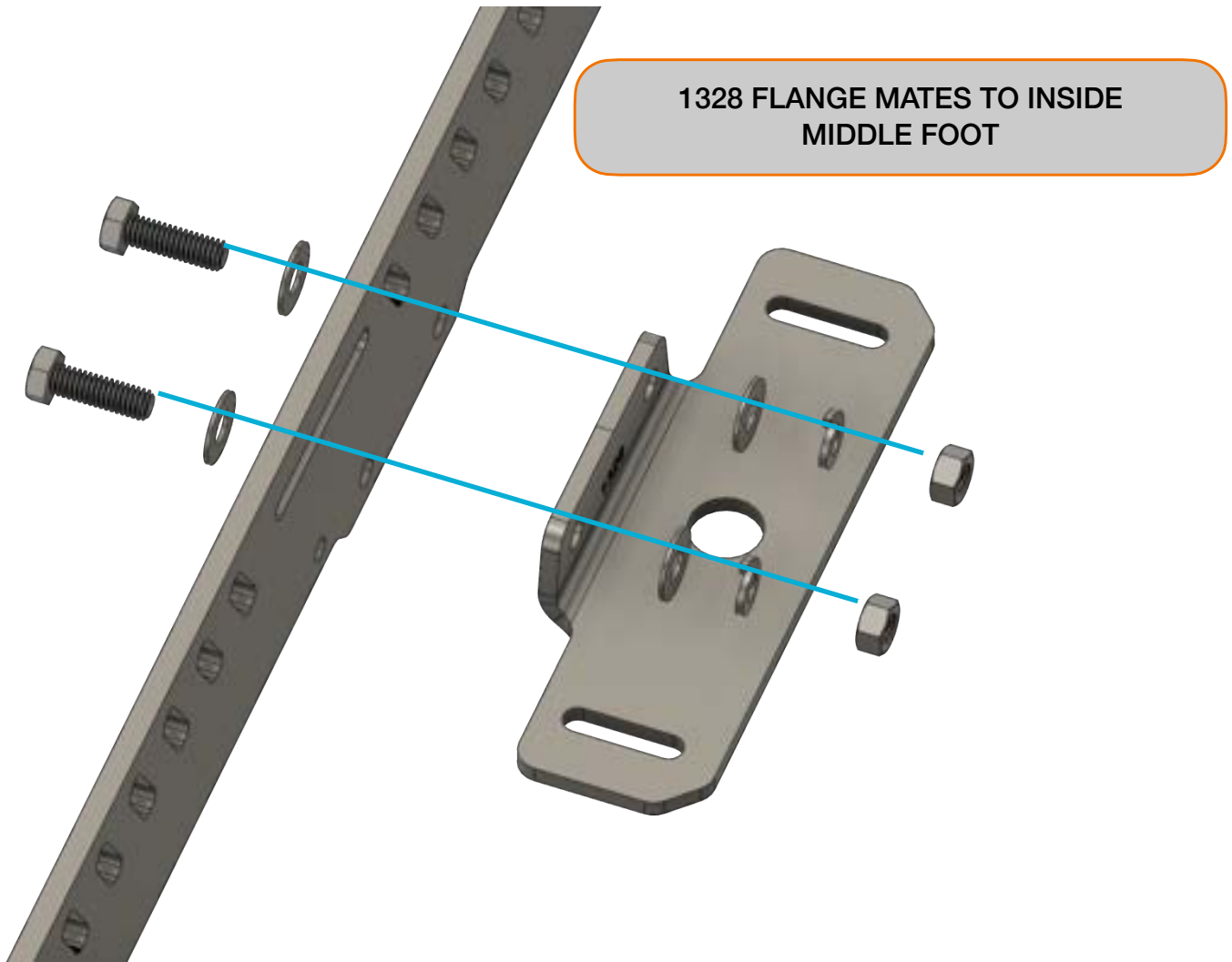


Figure 3
1328 Foot
Driver Side (1041) Shown
MIDDLE Location

The MIDDLE mounting feet will attach with the following hardware:

- 5/16-18x1 HEX Bolt (2X)
- 5/16 Washer (4X)
- 5/16 Lock Washer (2X)
- 5/16-18 Hex Nut (2X)

To Install the MIDDLE Feet:

- Use the **BLUE** lines as a guide and assemble the hardware as shown.
- With a pair of 1/2" wrenches tighten the feet into position.
- Refer to torque specifications on page 2 and tighten the fasteners to specification.
- Repeat the process on the passenger side grooveTEK (1042) with another 1328 Foot.

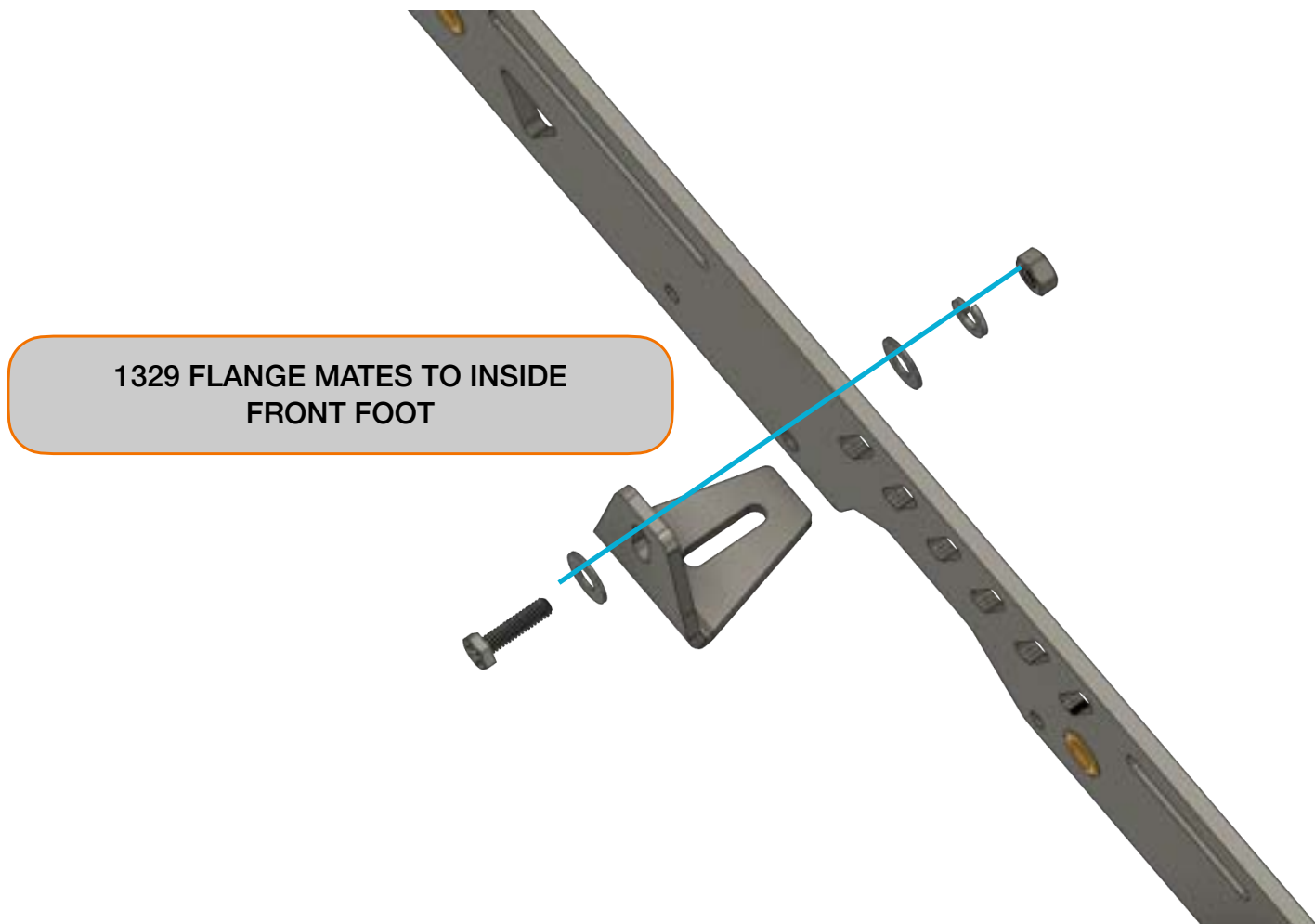


Figure 4
1329 Foot
Driver Side (1041) Shown
FRONT Location

The FRONT mounting feet will attach with the following hardware:

- 5/16-18x1 HEX Bolt (1X)
- 5/16 Washer (2X)
- 5/16 Lock Washer (1X)
- 5/16-18 Hex Nut (1X)

To Install the FRONT Feet:

- Use the **BLUE** line as a guide and assemble the hardware as shown.
- With a pair of 1/2" wrenches **SNUG** the feet into position.
- Leave the hardware loose enough that you can articulate the foot by hand. You will need to rotate the foot into position to match the contour of the roof during installation of the rack to the vehicle.
- Repeat the process on the passenger side grooveTEK (1042) with another 1329 Foot.



Figure 5
Foot Placement
Driver Side (1041) Shown

The mounting feet should be positioned as shown above.

- *Verify the location on the driver (1041) and passenger (1042) side grooveTEK.*
- *Ensure that the front (1329) feet can be articulated by hand.*

GATHER THE FOLLOWING:

- *Hardware Bag ID 8001.1*
- *Hardware Bag ID 8001.2*
- *7/16" wrench*
- *5/32" Allen wrench*
- *Load Bars (Qty 5)*

And proceed to Page 8



Figure 6
FRONT Load Bar
Driver Side (1041) Shown

The FRONT Load bar uses hardware from Bag 8001.1

HEX bolts are used for the FRONT load bar because this location is hidden by the rack side armor after assembly and the HEX bolts allow the bar to be adjusted at any time without removing the armor.

- *Align the FRONT load bar to the horizontal slot at the FRONT of the rack shown here in PINK.*

Each side of the FRONT load bar will receive the following hardware:

- *1/4-20x.750" Hex Bolt (2X)*
- *1/4 Lock Washer*
- *1/4 Flat Washer*

Although the load bar can be adjusted to any position within its mounting slot to aid in gear alignment during initial assembly:

- *Start the hardware for the load bar as shown and PUSH THE LOAD BAR ALL THE WAY FORWARD IN THE SLOT.*
- *Repeat the process on the passenger side (1042).*
- *Use a 7/16" wrench to tighten the hardware into place.*

Pushing the load bar all the way forward helps to square the driver and passenger side of the rack ensuring that the mounting feet are even with one another when you install the rack to the vehicle.

Once the rack is installed the load bar can be adjusted to any position you choose to aid in alignment with different lighting options or kit loading.

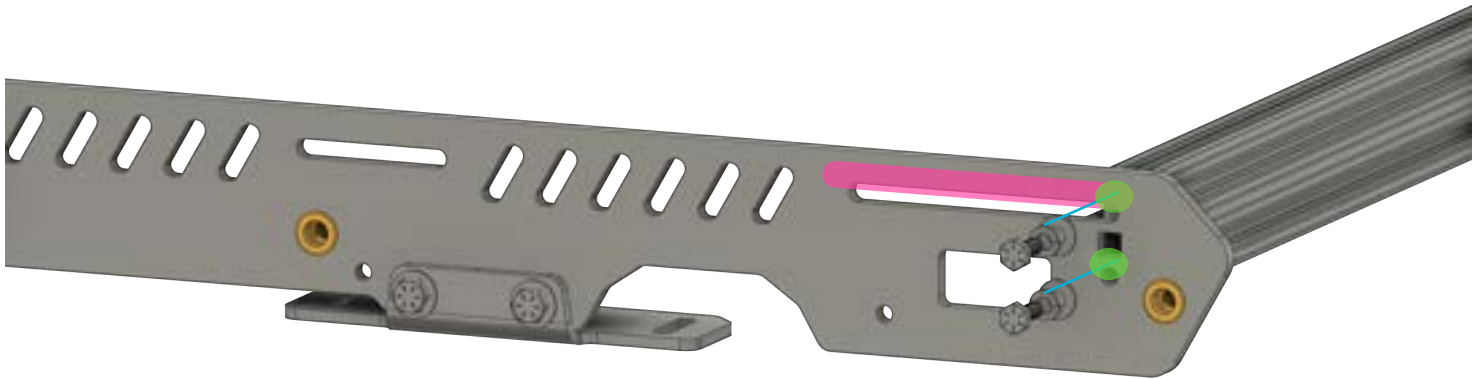


Figure 7
REAR Load Bar
Driver Side (1041) Shown

The REAR Load bar uses hardware from Bag 8001.1

HEX bolts are provided for the REAR load bar because this location is hidden by the rack side armor after assembly and the HEX bolts allow the bar to be adjusted at any time without removing the armor. Some early versions of the Raptor/F150 have an antenna at the rear driver corner of the roof that would interfere with the load bar. The instructions provided for the REAR load bar cover the VERTICAL mounting position (Shown here in GREEN) of the rear load bar to allow clearance for the antenna (if equipped).

If your vehicle DOES NOT have an antenna at the rear of the cab you can use the horizontal slot (Shown here in PINK) for the REAR load bar, shown here in pink.

- **Align the REAR load bar vertically as shown.**
- Each side of the REAR load bar will receive the following hardware:**
 - **1/4-20x.750" Hex Bolt (2X)**
 - **1/4 Lock Washer**
 - **1/4 Flat Washer**

In the fixed vertical position (GREEN) the load bar cannot be adjusted. In the horizontal slot (PINK) the load bar can be adjusted to any position within its mounting slot to aid in gear alignment during initial assembly:

- **Start the hardware for the load bar as shown and install the hardware.**
- **Repeat the process on the passenger side (1042).**
- **Use a 7/16" wrench to tighten the hardware into place.**

IN THE HORIZONTAL POSITION ONLY

Pushing the load bar all the way rearward helps to square the driver and passenger side of the rack ensuring that the mounting feet are even with one another when you install the rack to the vehicle.

Once the rack is installed the load bar can be adjusted to any position you choose to aid in alignment with different lighting options or kit loading.

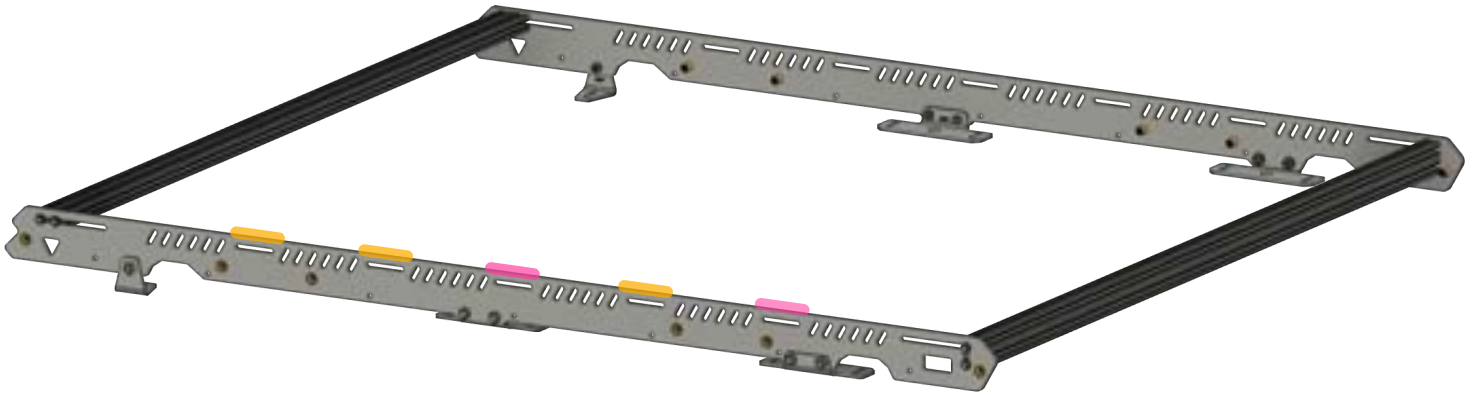


Figure 8
PROGRESS CHECK
Driver Side (1041) Shown in foreground

The FRONT and REAR load bar should be installed into the rack assembly with the FEET attached to the grooveTEK.

You will now proceed to install SOME (3) of the remaining load bars into the rack assembly.

The remaining load bars that you have will install into the horizontal slots across the top of the grooveTEK shown here in **ORANGE.**

The **PINK locations will also receive a load bar but in order to give you better access to the mounting points of the rack **THESE LOAD BARS WILL BE INSTALLED AFTER THE RACK IS ATTACHED TO THE VEHICLE.****

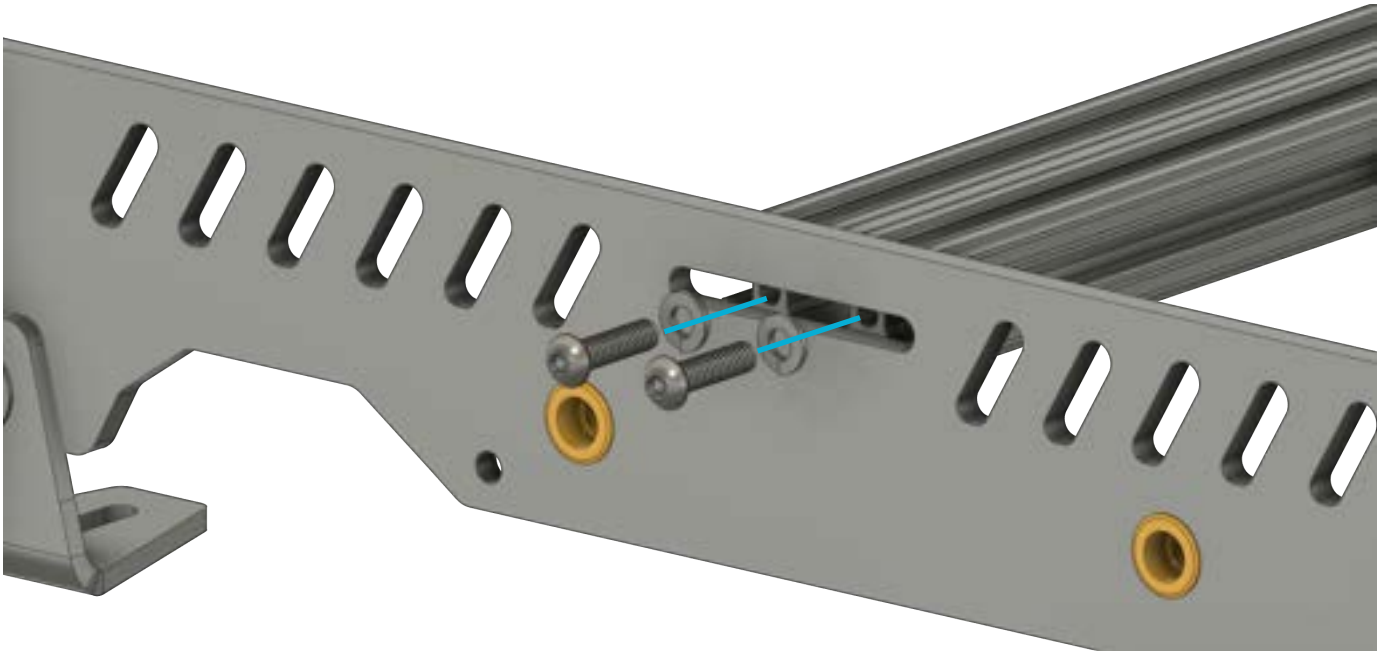


Figure 9
Remaining Load Bar Hardware
Driver Side (1041) Shown

The remaining load bars will use the following hardware on each side from Bag 8001.2:

- *1/4-20x1 Button Head Bolt (2X)*
- *1/4 Lock Washer*

*As with your other load bars they can be adjusted at any position within their respective slot **HOWEVER** you do need to ensure that the load bars are even with one another on each side of the rack to prevent twisting of the rack assembly which will affect your foot alignment during installation.*

*When we are installing the racks we typically push all the load bars **FORWARD** in their slots to make sure they are even during installation.*

- *Align the hardware as shown*
- *Using a 5/32" Allen wrench tighten the hardware to snug the load bars into place.*

RIVET FOOT ATTACHMENT

The rack for the Raptor/F150 is designed to serve as its own mounting template to ensure that you place the feet properly on the roof of the truck.

In order to accomplish this task you will temporarily anchor the components shown in the following illustrations to the rack feet (1328/1329) you installed earlier.

You will then hoist the entire assembly onto the roof of the truck and use two measurements to locate the rack assembly properly on the roof of the truck prior to drilling for the rivet bases.

GATHER THE FOLLOWING:

- 1367 MIDDLE/REAR Rivet Foot (4X)
- 1368 FRONT Rivet Foot (2X)
- Hardware Bag ID 8001.10
- 7/16" wrench



Figure 10
1368 Rivet Foot Attachment

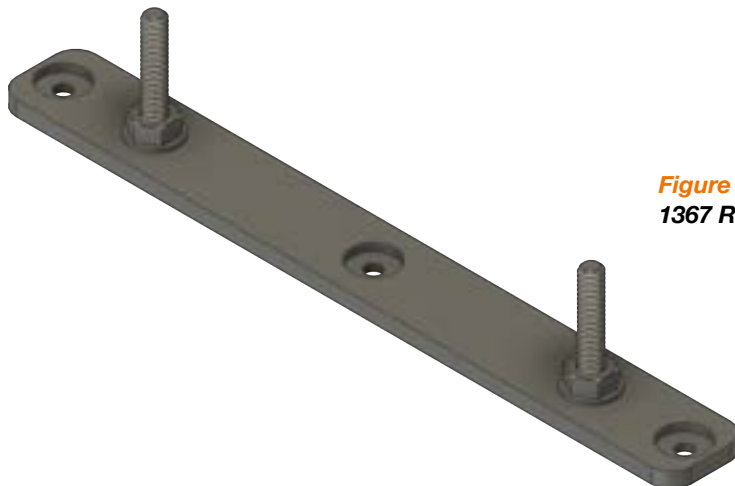


Figure 11
1367 Rivet Foot Attachment

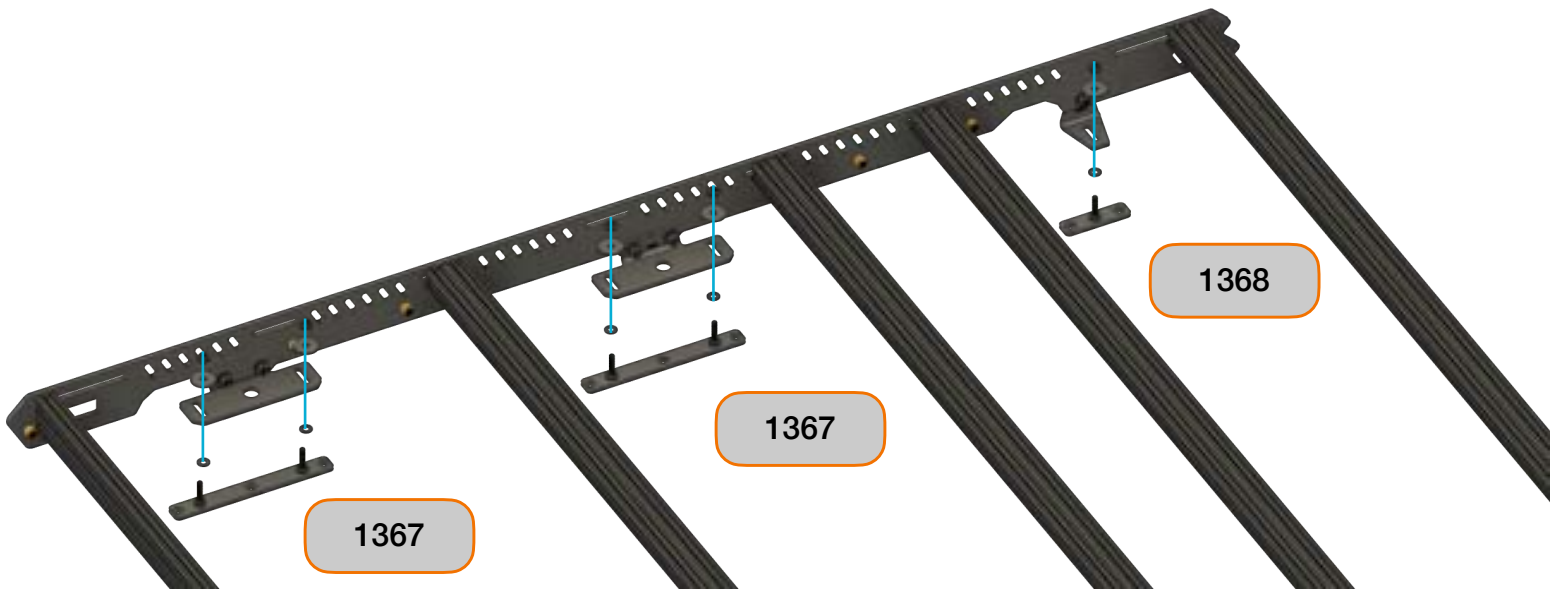


Figure 12
Driver Side (1041) Shown

A detailed view is provided on the following pages for each location.

This process is simply attaching the rivet mounts to the 1328/1329 feet that you have installed.

You will be taking a measurement from the rear 1367 on each side from a point on the roof of the truck to determine the proper mounting locations.

All of the hardware required for this step is located in Bag 8001.10 and you will only SNUG the hardware as it will be removed to shift the rack out of the way so you can drill the drip rails and install the rivet mounts.

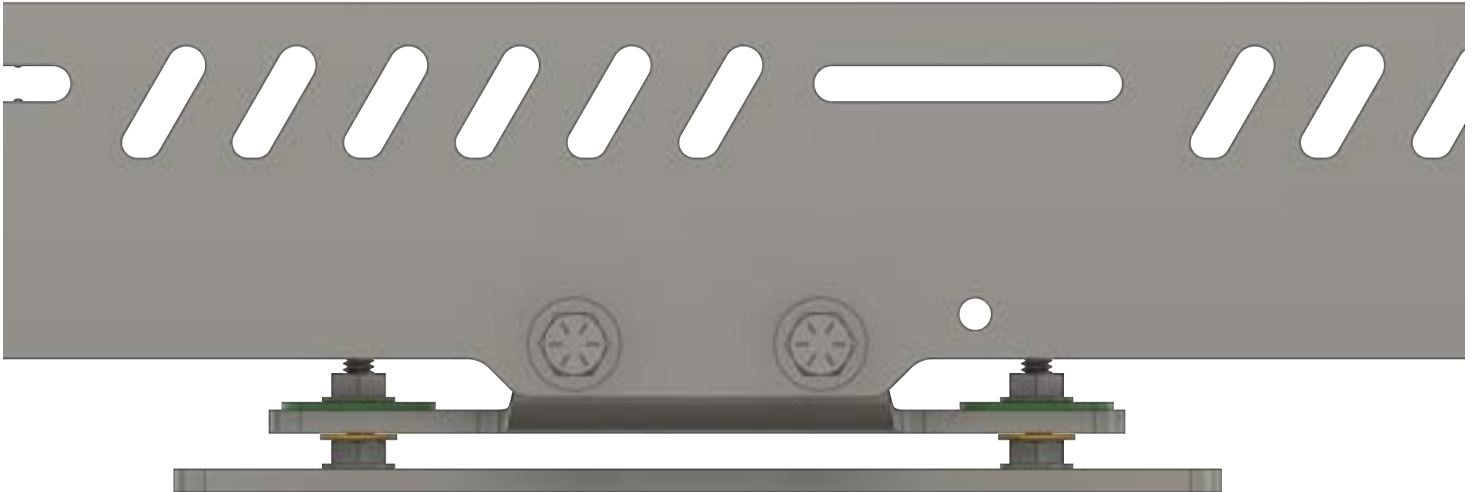


Figure 13
1328/1367 Shown

Note the order of the hardware in the illustration above.

*The smaller 1/4 washer provided in 8001.10 (Shown here in **ORANGE**) rests on top of the flange nut that secures the stud to the 1367 to give the right amount of surface area for the 1328 foot to rest on.*

*The larger **GREEN** washer sits on top of the 1328 foot and gets clamped in place with the flange nut.*

All four (4) of the 1328 feet will attach to the 1367 (4X) with the same hardware assortment.

- *Assemble the hardware as shown to mate the four (4) 1367 to the 1328 feet of the rack assembly.*
- *SNUG into place with a 7/16" wrench.*

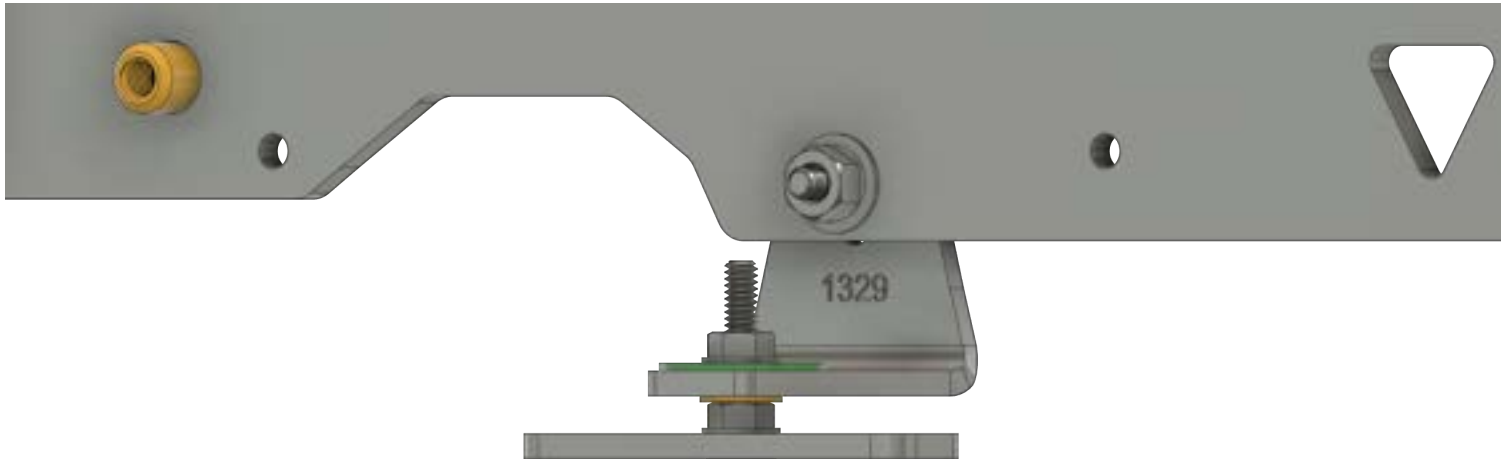


Figure 14
1323/1368 Shown

The FRONT of the rack has the same hardware assortment in lesser quantity due to the one mounting location.

Note the order of the hardware in the illustration above.

*The smaller 1/4 washer provided in 8001.10 (Shown here in **ORANGE**) rests on top of the flange nut that secures the stud to the 1367 to give the right amount of surface area for the 1328 foot to rest on.*

*The larger **GREEN** washer sits on top of the 1328 foot and gets clamped in place with the flange nut.*

Both of the 1329 FRONT feet attach the exact same way.

- *Assemble the hardware as shown to mate the two (2) 1368 to the 1329 feet of the rack assembly.*
- *SNUG into place with a 7/16" wrench.*



Figure 15
Rivet Feet Installed

At this point you have the assembly together at the point that we are ready to lift it onto the truck and align the rack for drilling.

Notice the two (2) open load bar spots (shown here in **PINK**). These need to be left open until the rack is securely mounted to the vehicle to allow adequate space for soaking around the mounting hardware without the load bars being in the way.

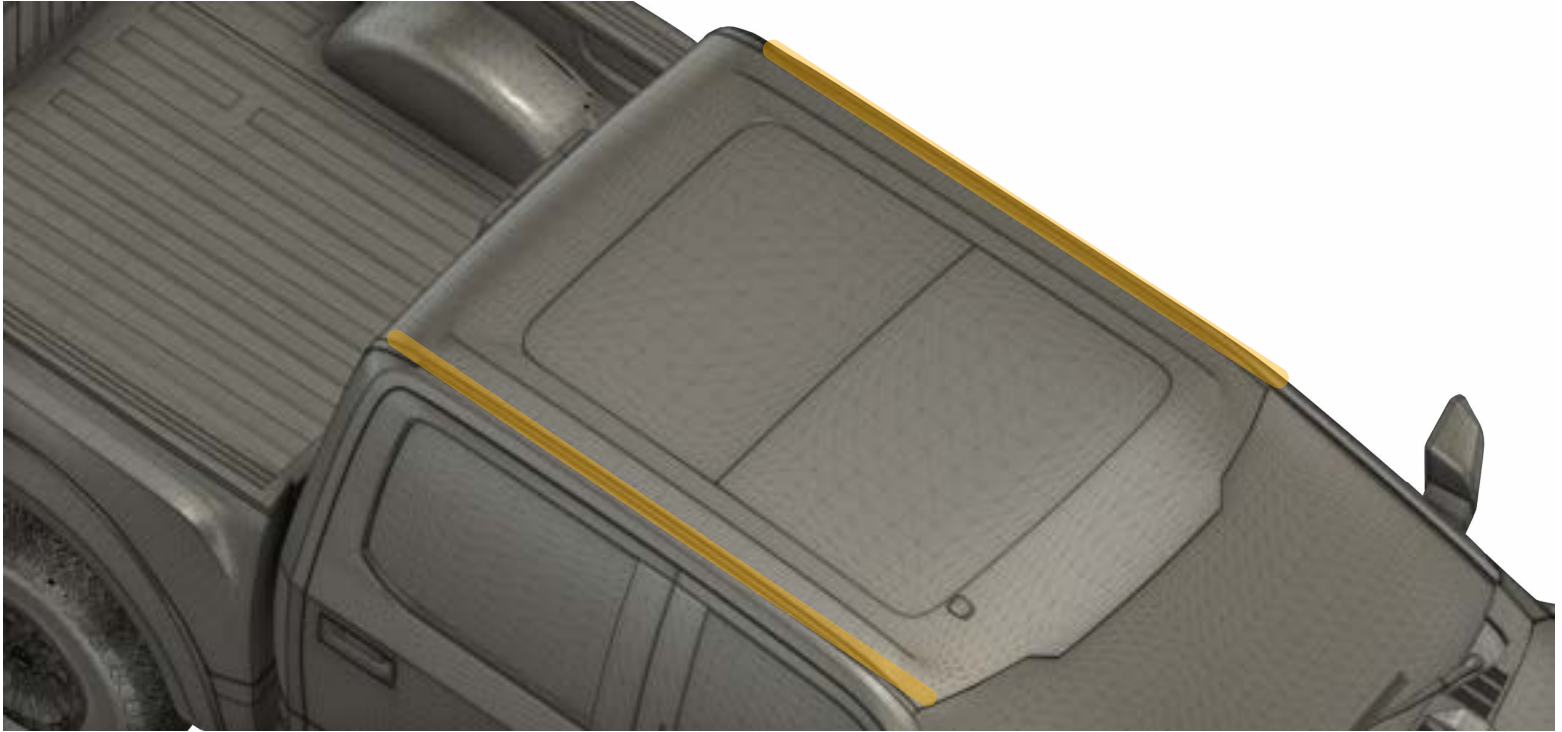


Figure 16
Factory Drip Rails

The two obvious drip rails located on top of your vehicle (Shown here in ORANGE) are the final resting place for the rivet bases that will secure the roof rack in place.

Be sure that you have access to these areas and can reach them to work on BOTH sides of the vehicle.

- *A small step ladder can be very handy for this process.*
- *Clean the areas with a mild detergent prior to proceeding.*

The assembled roof rack at this point weighs approximately 30 pounds.

- *Be sure you have someone available to help hoist the rack assembly onto the roof of the vehicle.*
- *DO NOT attempt to pick the rack up and place it on the vehicle alone.*
- *You are encouraged to place a moving blanket on top of the vehicle to prevent damage when placing the rack onto the roof for the first time.*

GATHER THE FOLLOWING:

- *Friend*
- *Tape Measure*
- *Marker*
- *Cordless Drill*
- *Drill Kit (Provided with roof rack kit)*
- *Rivet Gun (Not Included)*
- *Sealant (Details on Page ZZZ)*

BEFORE PROCEEDING:

- Fold the side view mirrors in to allow additional space to work the rack onto the vehicle.
- Clear the area around the vehicle of trip hazards.
- Place a moving blanket/protective barrier on the roof of the truck to allow you to sit the rack down on the roof without causing damage.

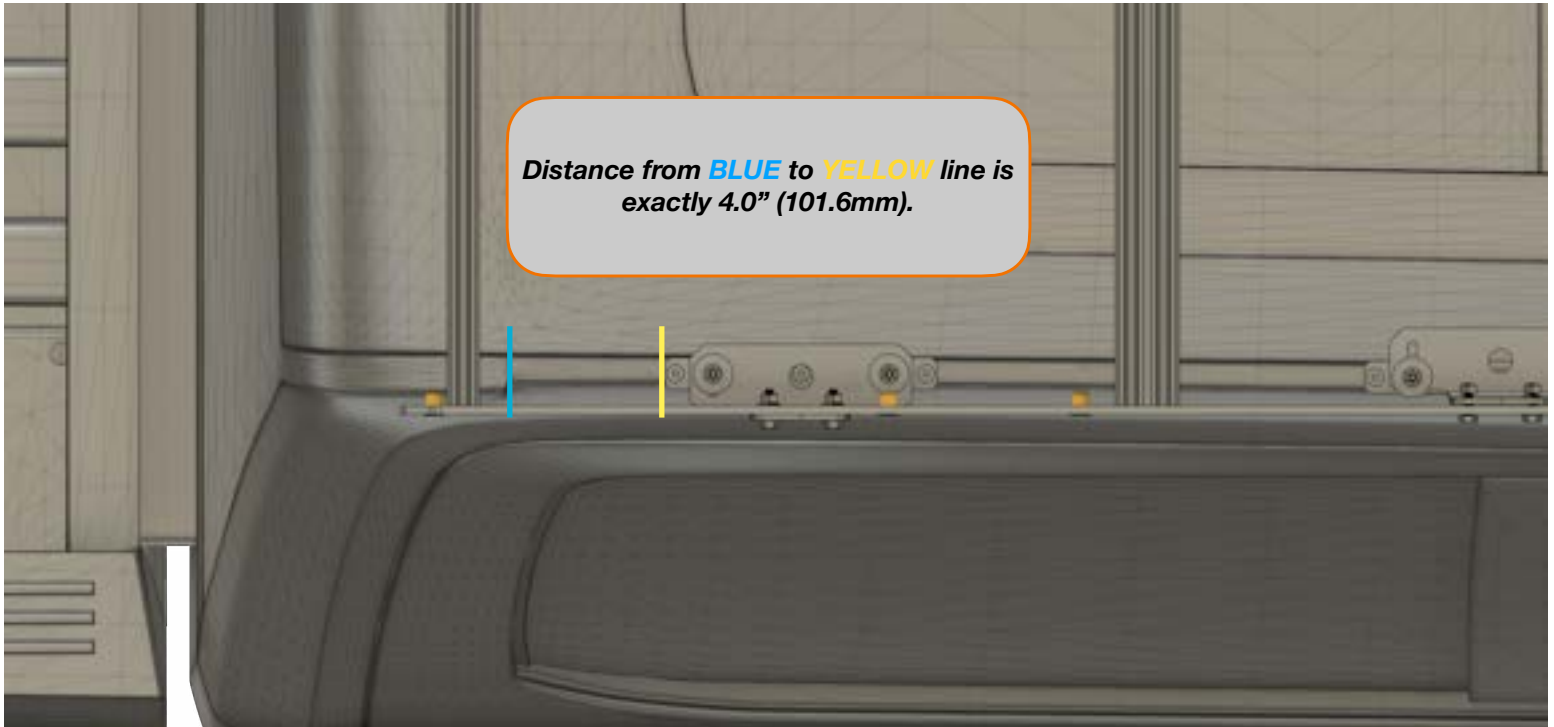


Figure 16
Locating Measurement

With the roof rack placed on the vehicle scrunch the moving blanket/barrier up under the rack to access the drip rail area.

The **INSIDE** edge of the rivet bases (1367/1368) will rest against the factory finish and sit flush with the rounded edge of the drip rail closest to the inside of the vehicle.

- Loosen and adjust the flange nuts securing the rivet bases (1367/1368) to allow use of the slot channels in the rack feet (1328/1329) to line the rivet bases up centered on the drip rail of the vehicle.
- Articulate the two (2) 1329 **FRONT** feet to match the contour of the roof line of the vehicle.
- Using a pair of 1/2" wrenches tighten the **FRONT** foot hardware into place with the corrected angle.
- Using the edge of the trim at the back of your drip rail (Indicated here in **BLUE**) measure off exactly 4.0" to the back edge of the 1368 **REAR** rivet mount (Indicated here in **YELLOW**).
- Scoot the rack into place being careful not to mar the finish of the vehicle.
- With the feet in place at the rear the remaining feet (Middle/Front) will also be in the proper position.
- Use a marker to reach through the holes in each rivet base and mark the areas on the drip rails under each one. **BE SURE EACH LOCATION IS VISIBLY MARKED.**
- The 1367 rivet bases have three (3) locations. The 1368 rivet bases have two (2).
- Carefully lift the roof rack assembly **UP** and remove from the truck.
- Sit the rack on the ground and remove the 1367/1368 rivet bases from the rack assembly.

RECOMMENDED SEALANT

We use an exterior grade 25 year silicone based sealant for all roof rack installations. The color is not important but we typically use clear or black. You can source sufficient sealant at any local hardware store or online.

Collect the 1367/1368 bases and return to the vehicle with the following:

- Cordless Drill with provided .1875" (3/16" Drill Bit)
- Rivets included with kit
- Rivet Gun
- Sealant

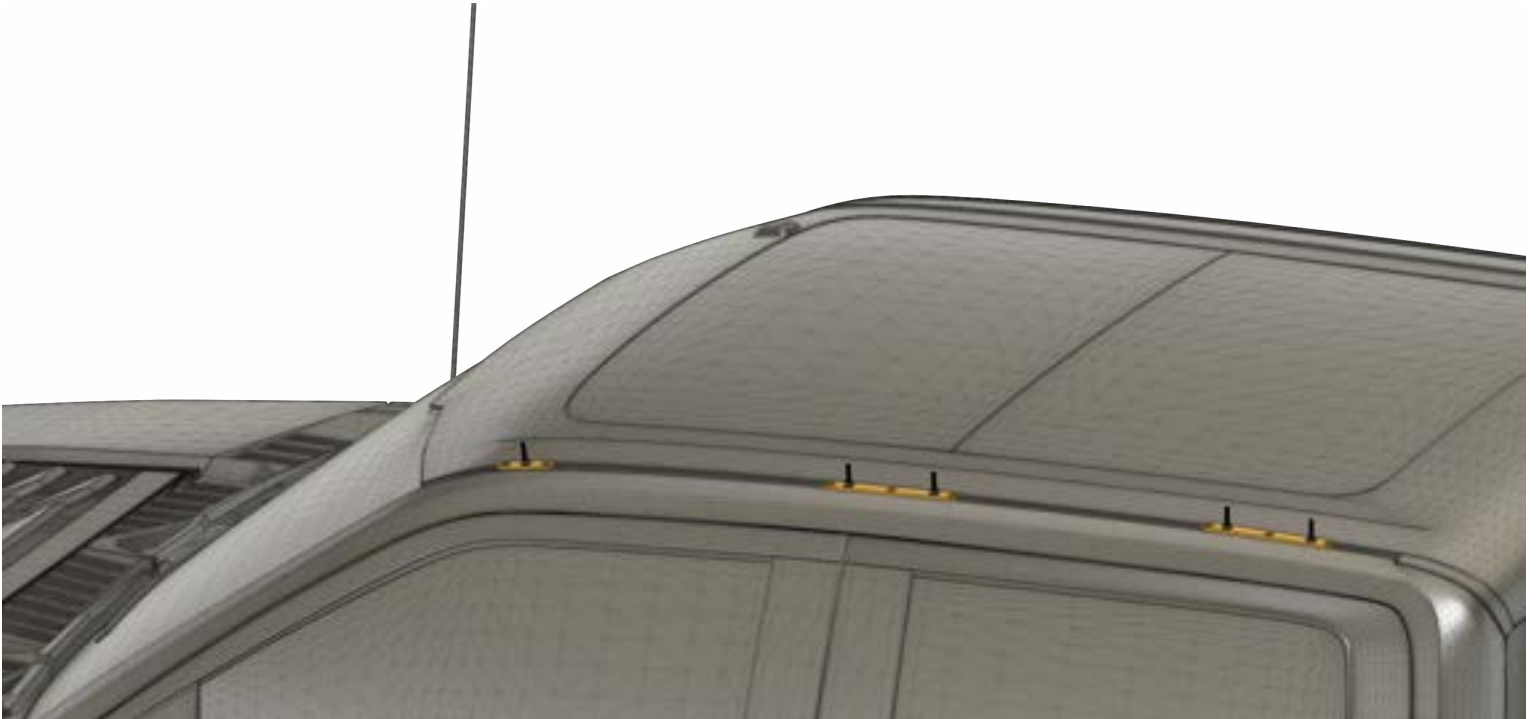


Figure 17
Rivet Bases
Driver Side Shown

- Place the rivet bases back over the holes marked in figure 16 to visually verify that you have the hole locations marked for each of the rivet bases.
- Repeat the process for the passenger side of the vehicle.

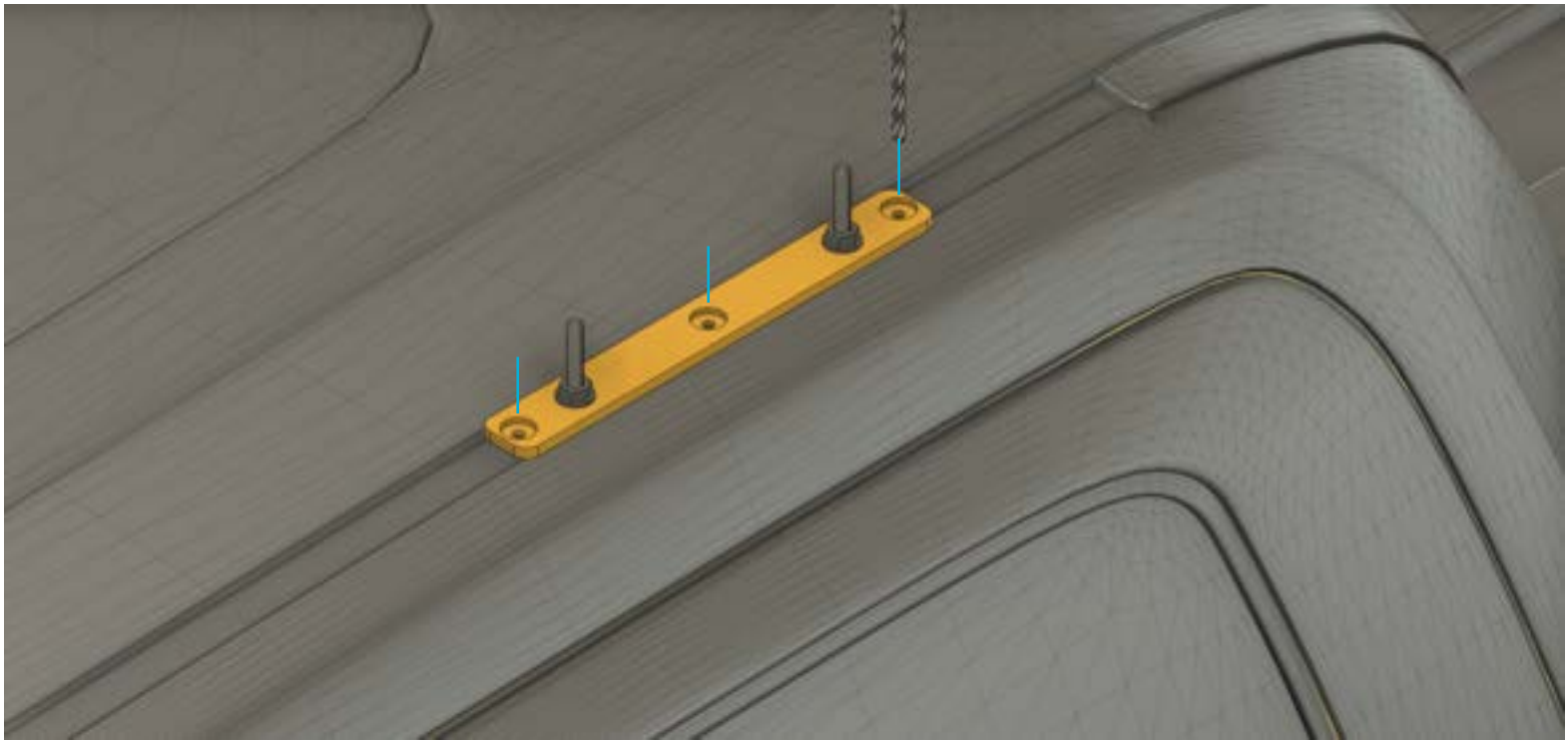


Figure 18
Drilling
Driver Side Shown

- Use the provided drill bit and a cordless drill to drill the locations for each rivet base.
- The 1367 Bases have three (3) rivets each.
- The 1368 Bases have two (2) rivets each.
- Hold the base in location while drilling. The base provides a stop gap to prevent the drill chuck from contacting the vehicles exterior painted finish if you go too far.
- There is an interior metal skin inside the drip rail area that will prevent you from penetrating the cabin and damaging the headliner of the vehicle.
- At each location when you drill through the drip rail exterior at about .500 (1/2") depth you will feel a noticeable stop. This is the inner skin of the vehicle assembly. **DO NOT** continue to drill through the second layer. Let it stop you.
- Repeat the process until all holes are drilled. There are sixteen (16) total.
- After each rivet base is drilled clean away the metal shavings and the surrounding drip rail area underneath the rivet base.

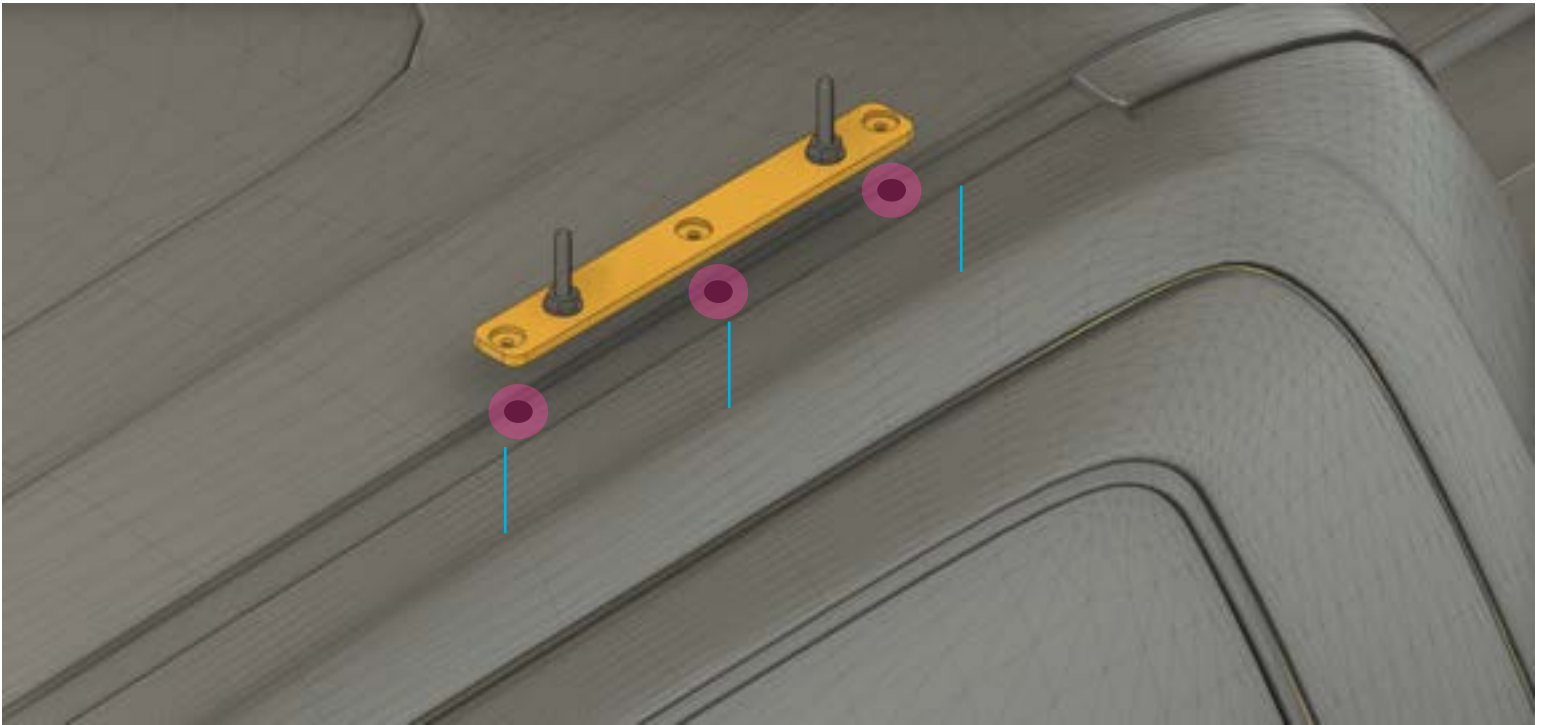


Figure 19
Sealant
Driver Side Shown

- **CAREFULLY** apply a small amount of sealant around the area of each drilled hole.
- **DO NOT** just glob it on there and **TRY** to stay in the immediate area of each hole.
- Apply the sealant to each drill area and align the rivet plate and sit it down over the holes/ sealant area.
- Push down on the rivet bases until the sealant comes up through the hole in each rivet base.
- Repeat the process until all drill holes have sealant and the rivet bases are resting in place over each area.

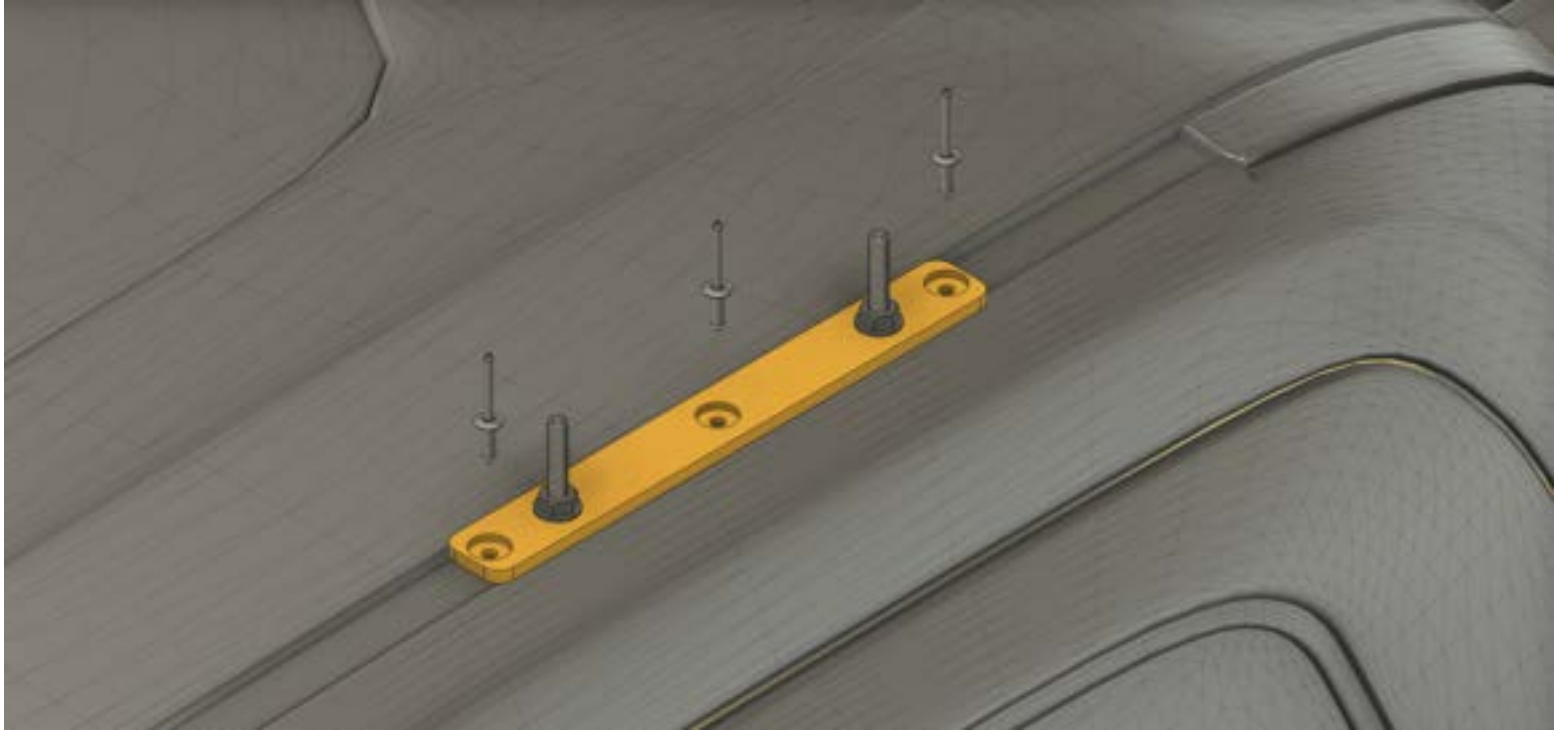


Figure 20
Rivets
Driver Side Shown

- **Install a rivet into each drilled hole passing it through the rivet base.**
- **The hole size is an exact drill diameter so you might have to work the rivets into the holes.**
- **Install the rivets with the pull studs facing the sky as shown.**
- **Repeat the process until all rivets are installed. There are sixteen (16) total.**

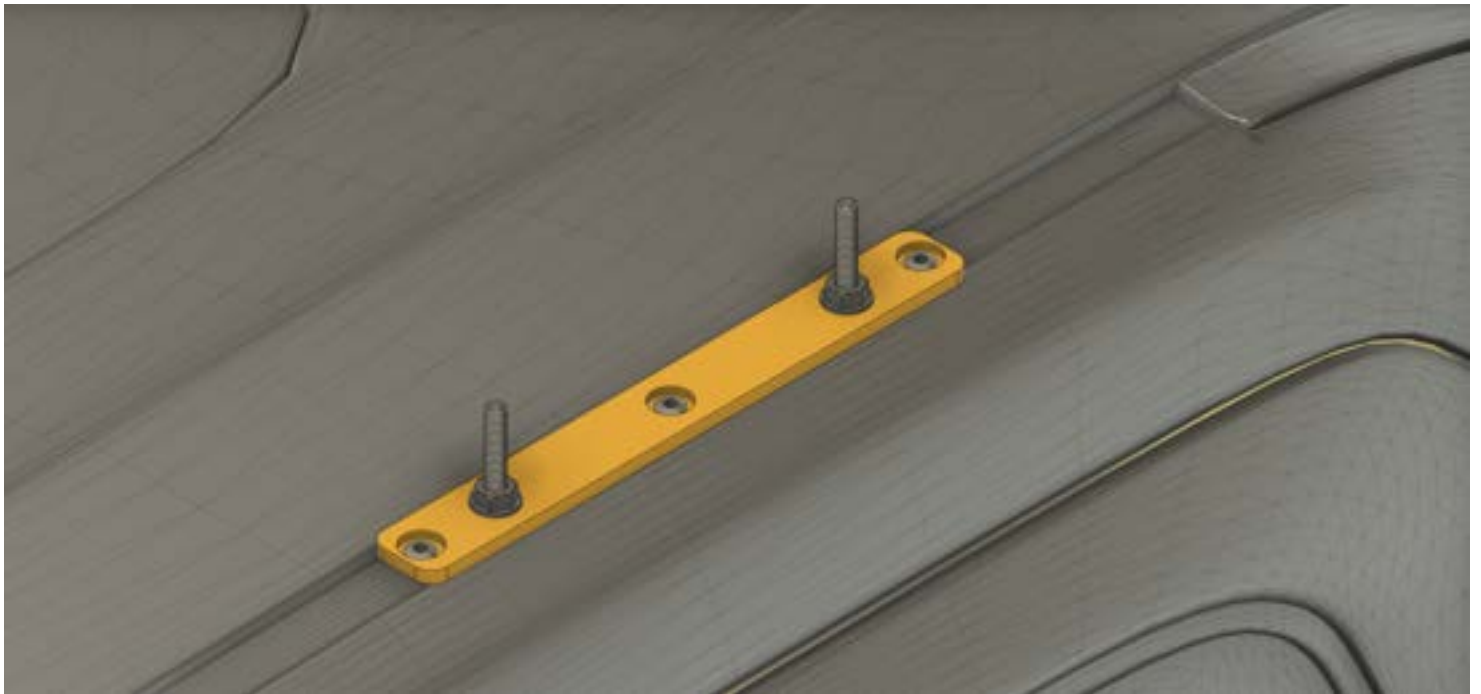


Figure 21
Rivets
Driver Side Shown

- *Use a rivet tool to set each rivet by pulling on the studs until you hear an audible “click” noise and a “pop”. When you hear the “pop” the rivet pull stud is snapping off and the rivet gun will retract the stud into the mandrel.*
- *Remove each snapped stud prior to moving onto the next rivet set for installation.*
- *Work your way around the vehicle until all sixteen (16) rivets are installed.*
- *Once you have all of the rivet bases attached to the roof of the vehicle apply the supplied Vibra-Tite VC3 Thread compound to the exposed studs and allow to air dry.*



Figure 22
Rack to Roof

- *With that same friend lift the roof rack back onto the vehicle aligning the slots in each foot (1328/1329) with the studs installed into the rivet bases (1367/1368) that you sealed and riveted to the vehicle.*
- *Use the adjustment in the slots to center the rack on the truck.*
- *There is NO front to back adjustment in the design of the rack. Proper front/back placement was determined with the 4.0" spacing when aligning the rack for drilling.*
- *Re-install the hardware to mate the rack to the rivet bases. Each mounting locations receives the fender washers and flange nuts you removed to free the rivet bases before mounting them to the vehicle.*
- *Install all ten (10) hardware sets. Refer to torque specifications on page 3 for proper torque rating.*



At this point you are encouraged to complete any wiring that needs to be attached to the rack assembly PRIOR to installing the armor/windscreen.

Optional quickWIRE harness systems are available to make wiring the rack lighting quick and easy.

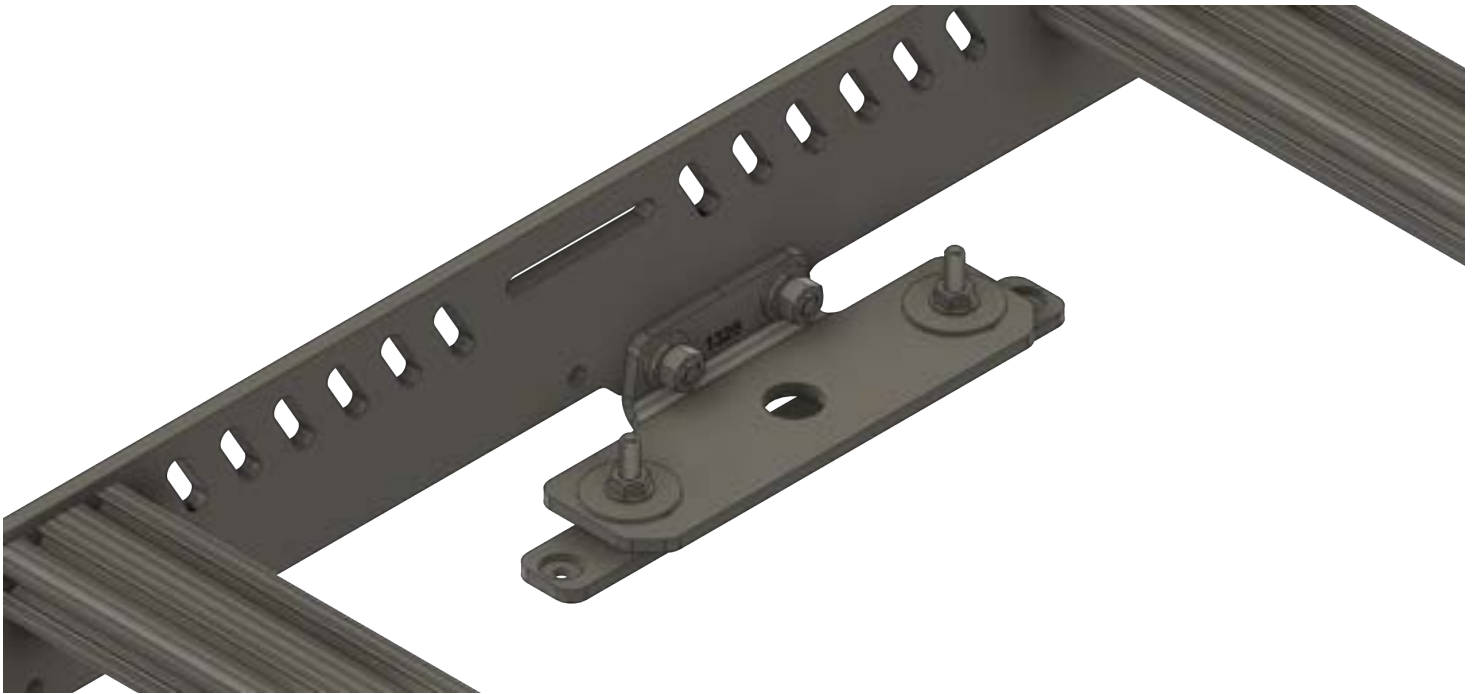


Figure 23
Rack to Roof Hardware

At each point that a foot anchors to a rivet plate the same hardware will be used:

- **1/4x1 Fender Washer**
- **1/4-20 Serrated Flange Nut**

Your 1328 MIDDLE and REAR feet have two (2) attachment points while the 1329 FRONT feet have one (1) each.

- **Verify the hardware is properly torqued at each location.**
- **Complete any wiring that you need to power your lighting (if equipped).**

GATHER THE FOLLOWING:

- **Driver Armor (1141)**
- **Passenger Armor (1142)**
- **Grab Handle Kits**
- **Hardware Bag ID 8001.5**
- **Hardware Bag ID 8001.6**
- **5mm Allen wrench**

And proceed to the next page.

GRAB HANDLES

As the grab handles are installed to the rack as a completed assembly the next step is to tie and complete the safety wire installation for the grab handles of your rack. The installation of the armor to your roof rack requires the grab handle lace plate as part of the final attachment.

The grab handles and their required components are packaged by themselves. Locate the bag and proceed with lacing the handles.

Our process for handle lacing is outlined in a video on our website under the instructions tab and linked below.

Feel free to follow our method or get creative with your paracord knots and go your own route. The kits are shipped with standard black 550 paracord but you can order any color that you like from paracord planet or other online sources.

The included safety wire and crimp replacements are available on our website or by calling our technical support Monday-Friday from 8am-4pm MST.



If you are viewing instructions in PDF form on a mobile device click the above live link for a video on handle lacing.



Figure 24
Armor to grooveTEK

Your armor attaches to the grooveTEK on each side of the vehicle into the factory installed threaded inserts pressed into your grooveTEK panels.

At each connection point a polymer spacer is provided to create the open space between them and allow for wiring to be tucked neatly into the rack assembly keeping it protected from trail damage and out of harms way.

There are two connection points at the FRONT and REAR of the grooveTEK that use the hardware from bag ID 8001.5 containing 35mm Bolts (Shown here in PINK).

The Grab Handle points attach with hardware in Bag ID 8001.6 containing 55mm Bolts (Shown here in BLUE).

The polymer spacers (shown here in ORANGE for clarity) are actually black.

- **Align and install the hardware as shown.**
- **Tighten into position with a 5mm Allen wrench.**
- **Repeat the process on the passenger side.**



Figure 25
Birds Eye View

At this point the rack is on the vehicle and you are ready to proceed with installation of the wind screen.

Wind screen cut outs will vary based on your order specifications.

Some lighting options include additional parts not covered in this guide. Please refer to wind screen lighting guide on our website for detailed information regarding the mating and alignment of wind screen lighting.

GATHER THE FOLLOWING:

- ***Wind Screen specified in your order***
- ***Hardware Kit 8001.3***
- ***5mm Allen wrench***
- ***13mm wrench***

And proceed to the next page.

WIND SCREEN

The wind screen for your roof rack utilizes a splitter design that cuts through the air at speed and splits the wind. This patent pending design is the result of hundreds of hours of modeling, engineering and testing. The end result is a design that cuts through the air forcing head winds under the rack taking advantage of the aerodynamic signature of your vehicle as well as pushing air up and over the rack giving the roof rack a smaller aerodynamic profile that results in the least amount of wind noise possible with an aftermarket roof rack. The large upper face serves to cut air up and over any gear that you might have attached to it.

For light specific mounting applications download the wind screen lighting guide under the instructions tab on our website.

Apply VC3 Thread locking compound to the threads of all four (4) wind screen bolts and allow to dry. 15-20 minutes. Compound will remain gummy.

If your wind screen is cut for lighting options refer to our “Windscreen Lighting Guide” under the instructions tab on our website. Some lights can be pre-loaded into the rack assembly prior to installing on the vehicle.



Wind screens cut for specific light bars as well as universal 40 cuts will experience significant wind noise when installed into the rack assembly and driven at speed with the light bar absent from the assembly. Wind passes through the open holes and/or slot and is intercepted by the front slot on the load bars.

The wind screens are designed with this in mind and the angles/openings are engineered to work in unison with the light bars to limit or eliminate noise/vibration.

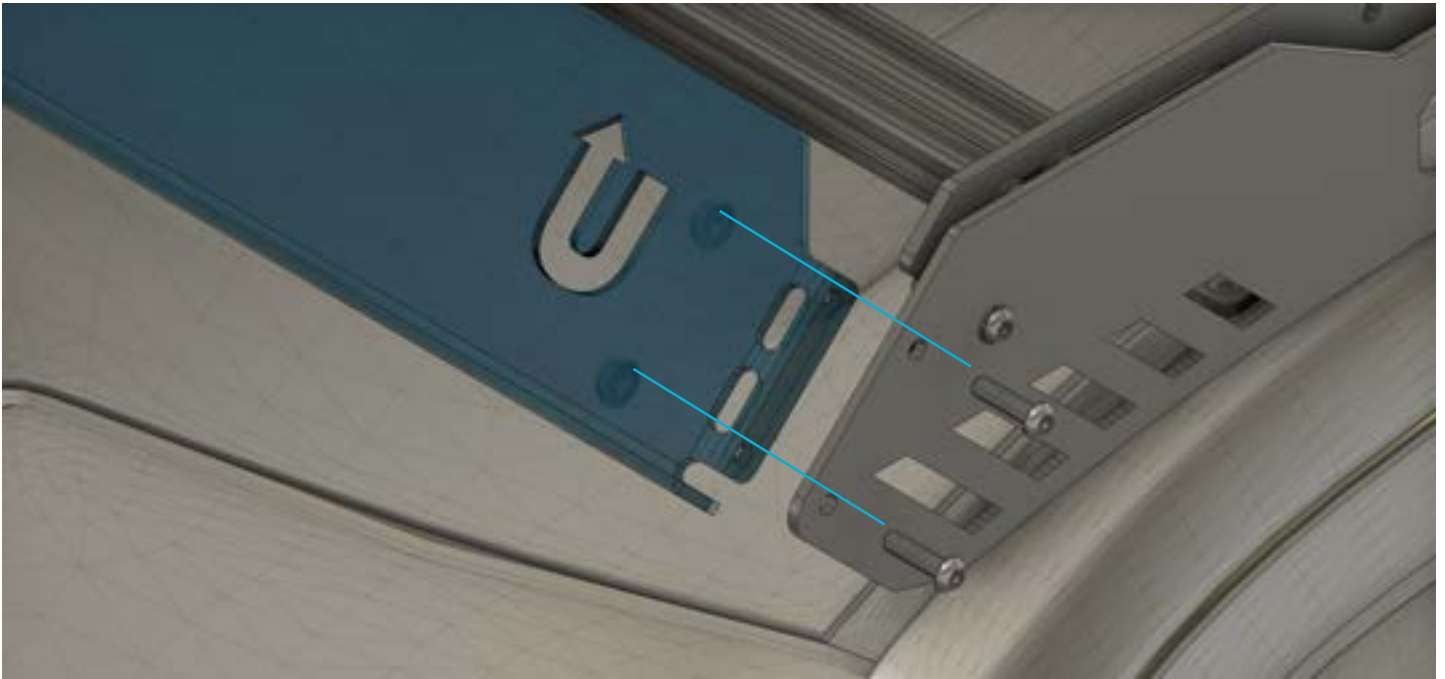


Figure 26
Wind Screen
Driver Side Shown

The wind screen mates to the armor of your roof rack with hardware from Bag ID 8001.3

- *Align the wind screen flanges to the forward most holes in your armor as shown above.*
- *Push the flange of the wind screen flush with the **INSIDE** of your armor and with the holes aligned insert the bolts passing them through both panels.*
- *Reach on the inside and install a flange nut to each exposed stud.*
- *Repeat the process on the passenger side.*
- *Using a 5mm Allen wrench and a 13mm wrench tighten the hardware into place.*



Figure 27
Wind Screen
Driver Side Shown

The flange of the wind screen should be flush with the INSIDE of your armor.

If you have lighting installed in your wind screen you can now complete the wiring.



Figure 28
Installation Completed

- **Insert and install the two (2) remaining load bars with the left over hardware from Figure 9.**
- **Refer to the torque specification chart on Page 3 and work your way through the entire rack assembly ensuring that all hardware is installed properly and torqued to specification.**
- **Complete any wiring as needed.**
- **DO NOT wash vehicle or leave exposed to the elements for the next 48 hours to allow the sealant time to properly cure.**
- **After 48 hours rack assembly can be washed in the same manner as the vehicle it is installed on.**



IMPORTANT WARNING

It is critical that all upTOP products be properly and securely assembled and anchored to your vehicle. Improper assembly or installation could result in an automobile accident, could cause serious bodily injury or death. You are responsible for assembling and securing all upTOP products to your vehicle, checking the attachments prior to use, and periodically inspecting the products for adjustment, wear and tear. You must read all of the instructions and precautions regarding your upTOP product prior to installation or use. If you do not understand the instructions and cautions, or if you have no mechanical experience and are not thoroughly familiar with the installation procedures, you should have the product installed by a professional installer or other qualified personnel.



upTOP overland will NOT be responsible for any damage caused by the failure to install and maintain the product according to these instructions.

upTOP finePRINT

- It is recommended to inspect the rack hardware at regular intervals to ensure fasteners are tight. If the rack ever needs to be removed and reinstalled you will need to repeat the silicone sealant steps before reinstallation of the rack to roof hardware.
- The powder coated finish on your rack uses a chemical compound to maintain UV stability for years to come. Wash the roof rack at regular intervals to keep the load bar channels, drip rails and mounting components free of dirt and debris. Foreign objects (mud) can dry and cause noise and vibration.
- If your color matched components are painted care for them in the same manner as you care for the exterior finish of your vehicle.
- Repair or replace worn parts with expediency. All hardware is available for purchase by calling our technical support line at 720.730.6381 Monday-Friday 8am to 4pm MDT or by email 24/7 364 (we don't answer email on Christmas-get over it) support@uptopverland.com
- It is the responsibility of the end user to ensure all electrical connections are secured and fused properly for the circuit load they are carrying.
- upTOP Roof Rack dynamic (moving) weight capacity can often exceed the OEM vehicle manufacturers specification. In all cases the OEM specifications supersede the upTOP dynamic rated load capacity.
- DO NOT use the upTOP product in a manner inconsistent with its design intention. This will void your warranty.
- DO NOT modify or alter structural components of upTOP roof rack assemblies. This will void your warranty.
- Excessive speeds over rough terrain can exceed dynamic weight loads causing structural fatigue or failure of aluminum and steel components. Use your best judgement and common sense before committing to full send with an overloaded rack product.
- Component damage or failure due to negligence will result in voided warranty claims. Any failed component must be returned to upTOP with a properly submitted RMA request. Any product received without authorized RMA request will be returned to sender at their expense.
- Leave. No. Trace. Our planet is fragile. Some parts of it have been undisturbed for generations. Stay on trails and designated routes. DO NOT LITTER. Pack it in Pack it out. Basically be a decent human and protect our culture, wild lands and ecosystems.