

INSTALLATION GUIDE

2018+ JL MULE ULTRA MID-RACK



EXPEDITION ONE
OFF-ROAD RESEARCH & EQUIPMENT

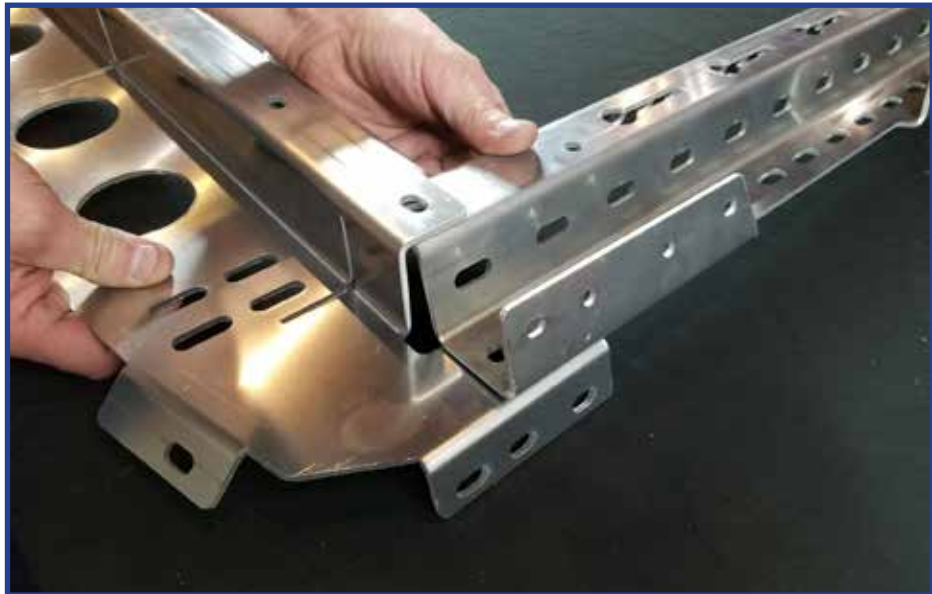
Roof Rack Assembly

1

Lay out the front internal fascia frame and side support braces as shown and secure with provided 5/16" bolts and nuts. (see steps 1-4). See photos in steps 1-4



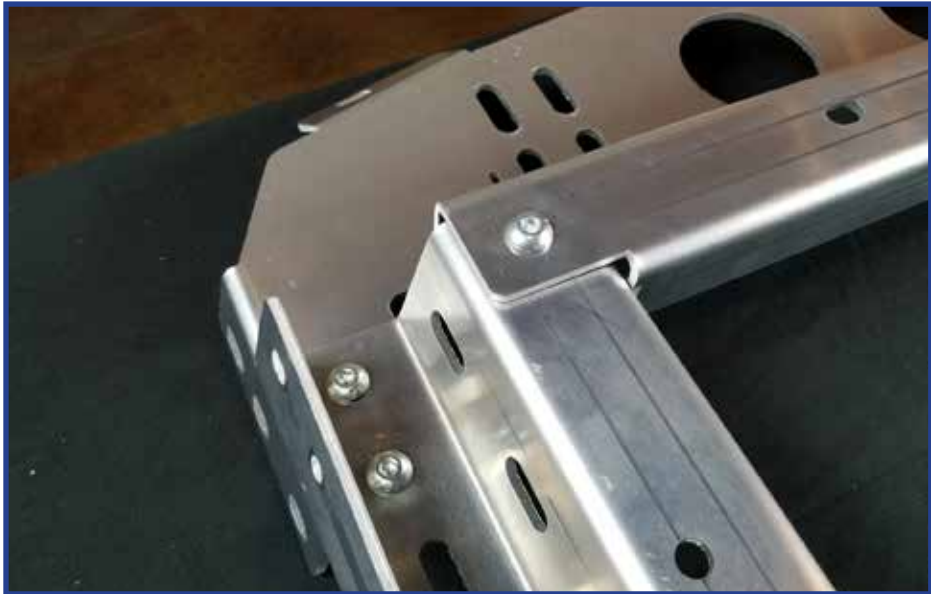
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Attach rear reinforcement brace to front internal fascia frame as shown with 5/16" bolts. Repeat on both sides and keep bolts loose.



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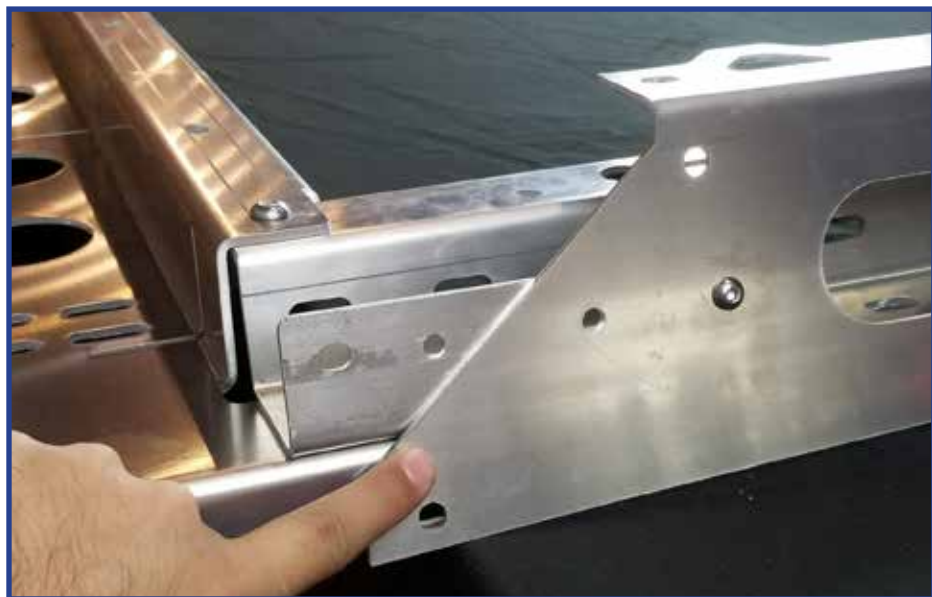
7

Lay out side fascia pieces and attach with 1/4" bolts (remember to hand tighten but keep loose).



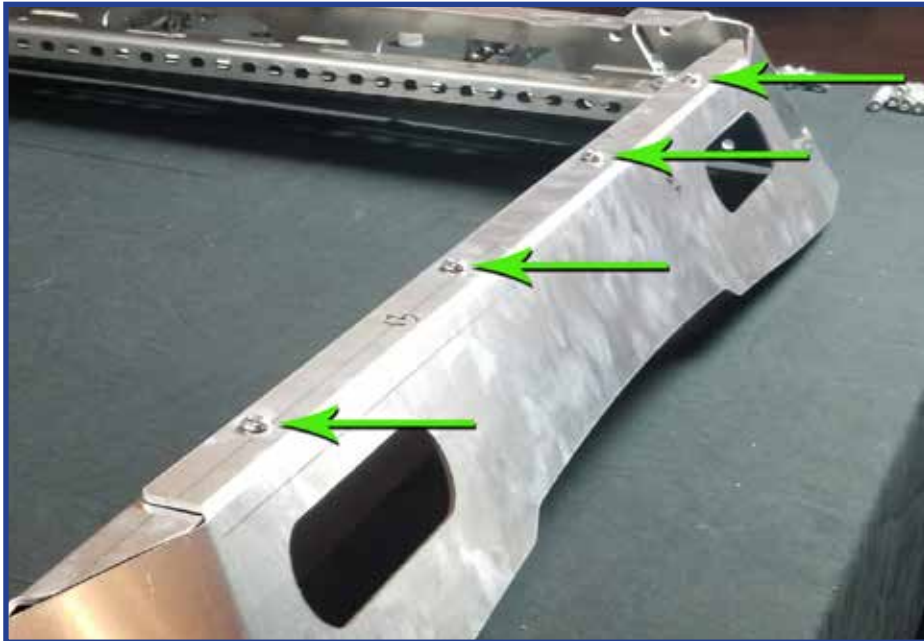
Shallow angle faces towards front end of roof rack as shown below

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Attach rear fascia with 5/16" bolts and nuts as shown in steps 9-10

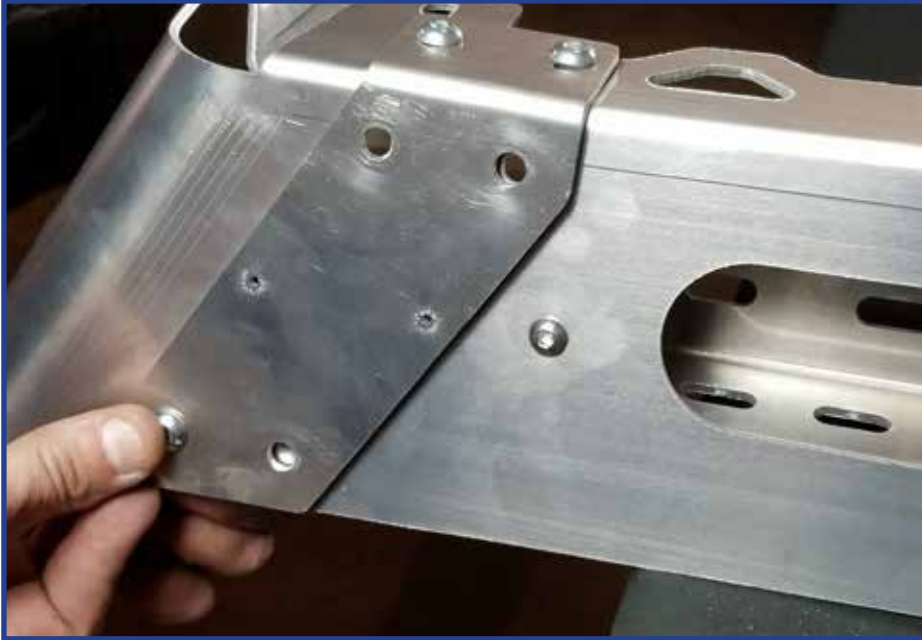


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Next attach rear corner connectors with 5/16" bolts shown in photo below. (remember to hand tighten but keep fairly loose!)

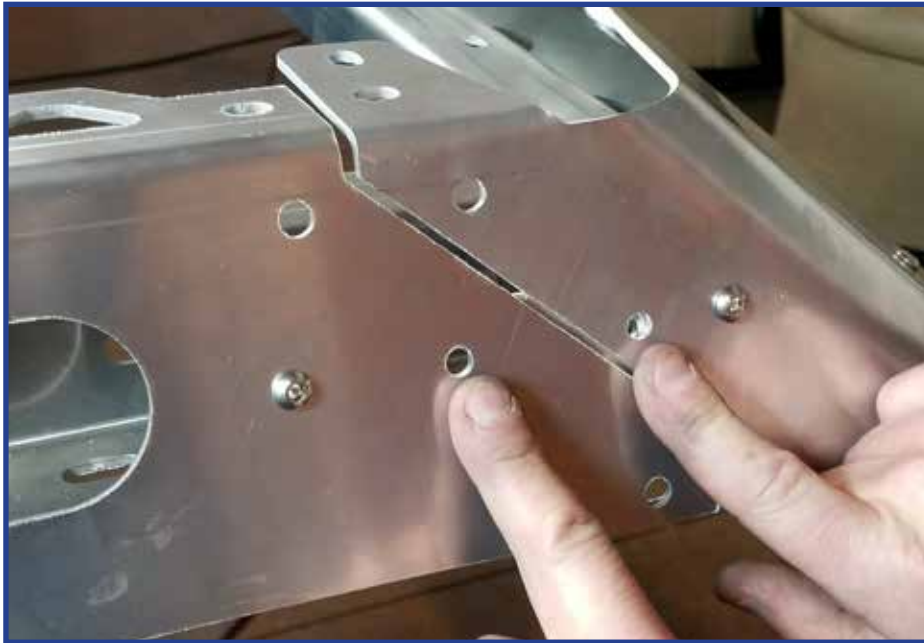


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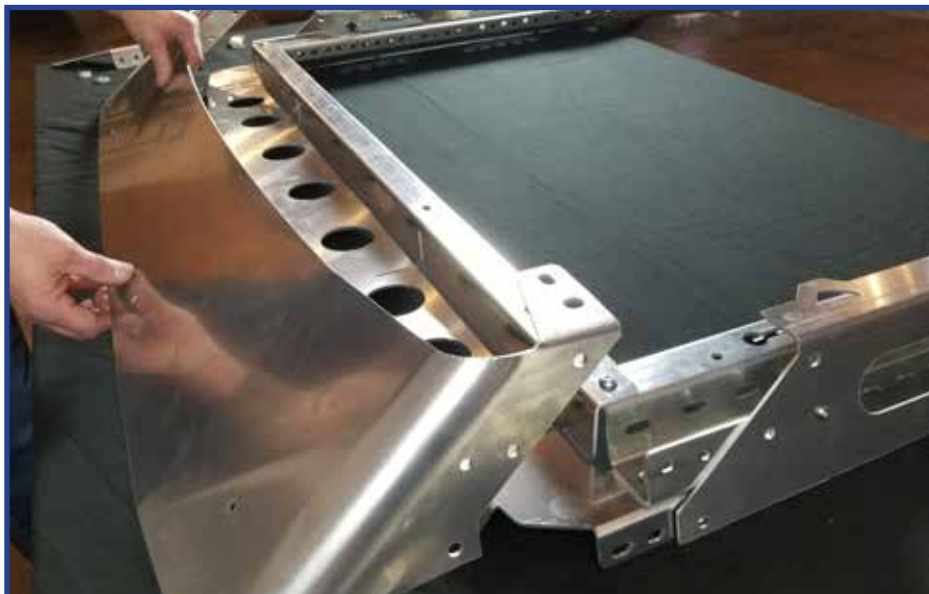
IMPORTANT: Make sure not to put any bolts in the holes pointed at below!



Attach front fascia piece shown bottom left photo along with a single spacer piece for each hole.

NOTE: If you bought fascia with light bar cutout, we recommend installing light bar prior to installing front fascia to make things easier.

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Adding spacers for front fascia (shown below) is optional for those that want a slight curve for some vehicle platforms.

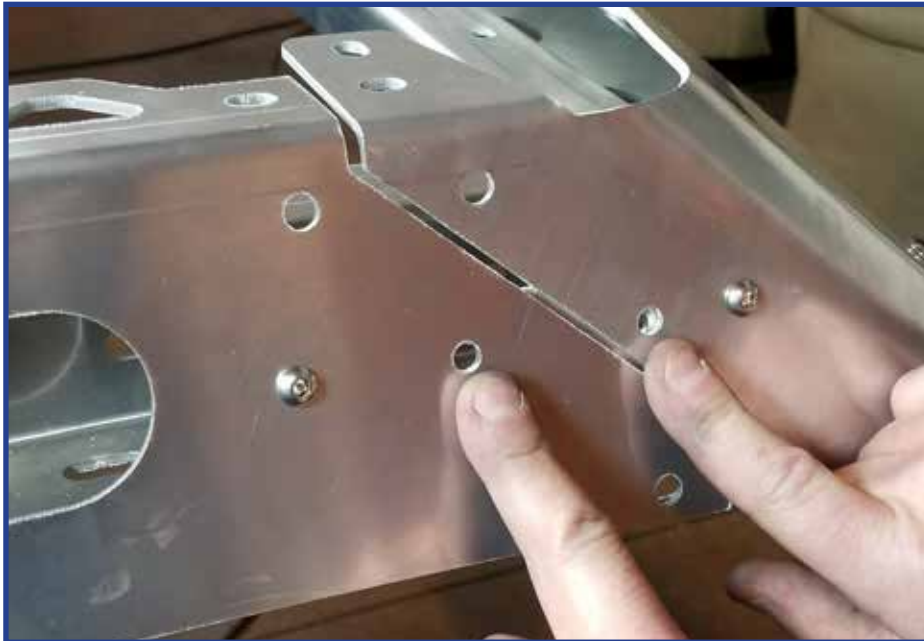


16



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Attach front corner connectors as shown with 5/16" bolts and nuts, remembering not to place any bolts in the holes pointed at in image below. (hand tighten bolts but keep relatively loose)



Next, attach reinforcement spacers as shown on all 6 hole locations with provided bolts & nuts. There are three mounting hole locations on each side.

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Next, assemble load bars with provided end mounts using nuts and bolts. Keep hand tight but loose.

*You'll need to angle an open-end wrench from inside while tightening with allen tool



Flip roof rack on its back and attach load bars into desired locations as shown in photo. Using provided nuts and bolts, you may begin tightening down each load bar with two bolts/nuts for each side of load bars as shown.

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Flip over roof rack after all load bars are tightened down with tools and begin tightening all other rack bolts to prepare to mount onto vehicle.



Lastly, place the included front fascia trim on the bottom edge to prepare to be mounted to roof.

22



Gutter Mount Assembly

23

First, lay out each set of gutter mount systems in front of you. You should have 8 sets of these systems below.



Next, you'll need to use the included padding and place onto the underside of each gutter mount. *This is already pre-installed for you - you may skip to step 26*

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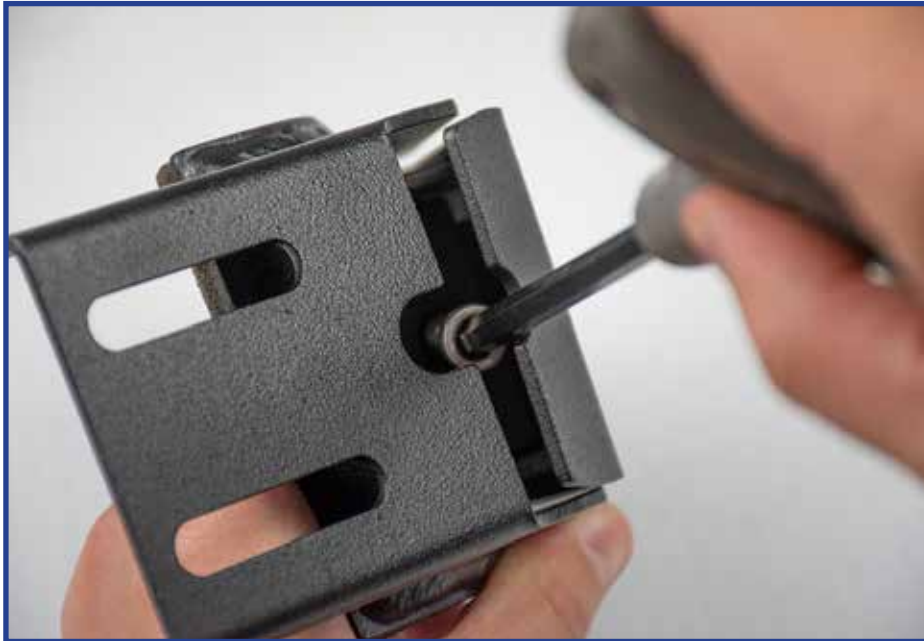
Take the cover plate while holding the gutter mount together and drop the provided allen bolt into the threaded opening inside. If your having trouble, we also recommend placing it on the end of a 6mm or 3/4" allen and threading it from an angle.

You just want to get the bolt started but not tightened down as you'll need it loose to slide into the vehicle gutter. See photos in steps 26 & 27.

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Once all your gutter mounts are prepped, you can now place them on the gutter and tightened a little but still be able to slide them side to side. (4 gutter mounts per side)

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With your gutter mounts secured to gutter but still fairly loose. Carefully place the roof rack onto the gutter mounts with the help of a friend. You'll want to carefully align the gutter mounts with their respective mount points on the rack once your happy with the placement of your roof rack.



*NOTE - for reference, here is where we positioned the rear end of the fascia and aligned all the gutter mounts to the rack in this position. Once happy with rack positioning, carefully take the rack back off and tighten all gutter mounts down securely.

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Position the rack back onto the roof and align with gutter mounts.



Once the rack is lined up with all gutter mounts, use the provided 1/2" bolts (2 for each mount). Hold the included nut retainer underneath for each gutter mount for the bolts to thread into from the top to secure the roof rack into its final position. (See example photo provided below)

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IMPORTANT

When rack is placed onto the gutter mounts, you will need to make sure there is sufficient spacing between the rack and the top of roof, as well as the side fascias. We recommend at least a 1/4" of gap by using the included spacers shown below as needed to raise the rack.

