# INSTALLATION GUIDE

## UNIVERSAL RACK LIGHT MOUNT

UN1145B



### TOOLS REQUIRED (NOT INCLUDED)

+ 3/16" ALLEN WRENCH
+ 7/32" ALLEN WRENCH
+ 2.5MM ALLEN WRENCH
+ 3MM ALLEN WRENCH
+ 9/16" WRENCH
+ CLAMPS

### INSTALL INFO

TIME TO INSTALL THIS PRODUCT: 1 HOUR

### BEFORE YOU START

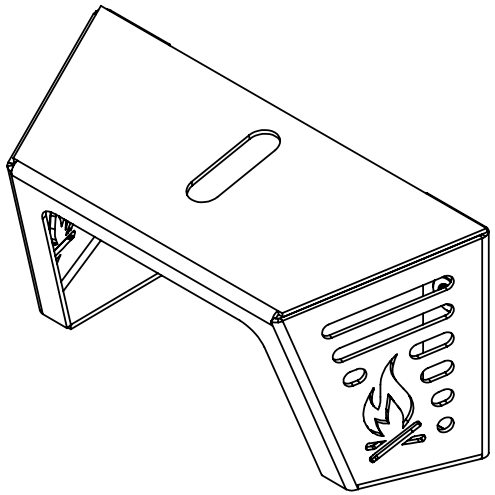
Please inspect the product and packaging upon delivery to ensure there are no issues and that all parts and hardware are accounted for.

Contact us ASAP if anything is missing at: support@flatlinevanco.com

# BEFORE YOU START

All Flatline Van Co products must be properly assembled and secured before attaching to your vehicle. Improper attachment could result in an automobile accident, and could cause serious bodily injury or death to you or to others involved. You are responsible for assembling and securing Flatline Van Co products to your vehicle, checking the mounting points and attachments prior to use, and regularly inspecting the products for wear and or damage. We always recommend you use a professional to install any aftermarket accessories to your vehicle. If you have no mechanical experience and are not thoroughly familiar with the installation procedures, you must have the product installed by a professional installer or other qualified persons. The responsibility is yours and must be taken seriously for everyone's safety.

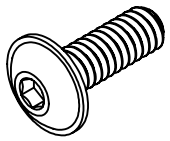
# PACKAGE CONTENTS



RACK LIGHT MOUNT BRACKET

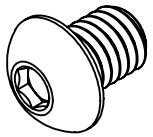
QTY: 2

# HARDWARE



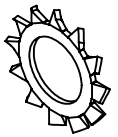
1/4-20 X 0.75 BUTTON HEAD HEX DRIVE SCREW

QTY: 4



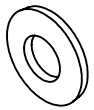
3/8-16 X 0.5 BUTTON HEAD HEX DRIVE SCREW

QTY: 2



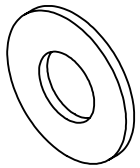
3/8 EXTERNAL TOOTH LOCK WASHER

QTY: 2



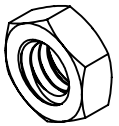
1/4 SCREW BELLEVILLE SPRING LOCK WASHER

QTY: 4



3/8 FLAT WASHER

QTY: 2



3/8-16 THIN HEX NUT

QTY: 2

# INSTALL

TOOLS REQUIRED FOR THIS STEP:

## STEP | 01 LAYOUT AND INSTALL PREP

**1.1 Rack Compatibility:** Designed for direct bolt-on fitment with all **Flatline Van Co Standard** and **Low Pro Roof Racks (Transit and Promaster)**.

**NOTE -** *The **Sprinter Standard Rack** is shown in **FIG 1.** The mount may work with other roof racks from other manufacturers. Review the dimensions shown in **FIG 2** and note that the mounting holes are sized to accept **1/4-20 Hardware.***

**1.2 Light Compatibility:** Designed specifically for **Baja Designs S2 Series Lights** as well as aftermarket light pods of identical mounting bracket geometry and footprint.

**1.3 Placement Planning:** Determine your desired mounting location along your roof rack's side rails and ensure the light harness has a clear pathway toward the vehicle entry point or solar/wiring gland before securing hardware.

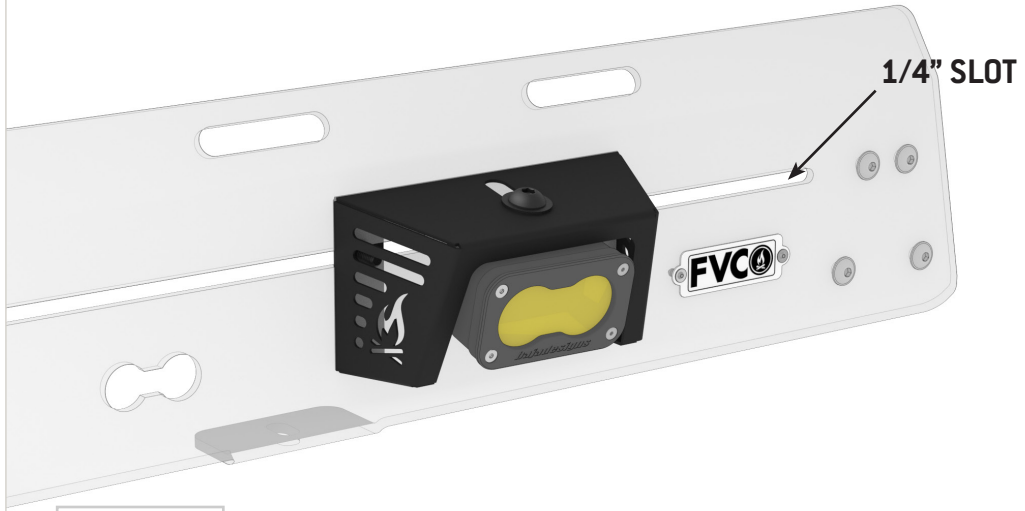



FIG 1

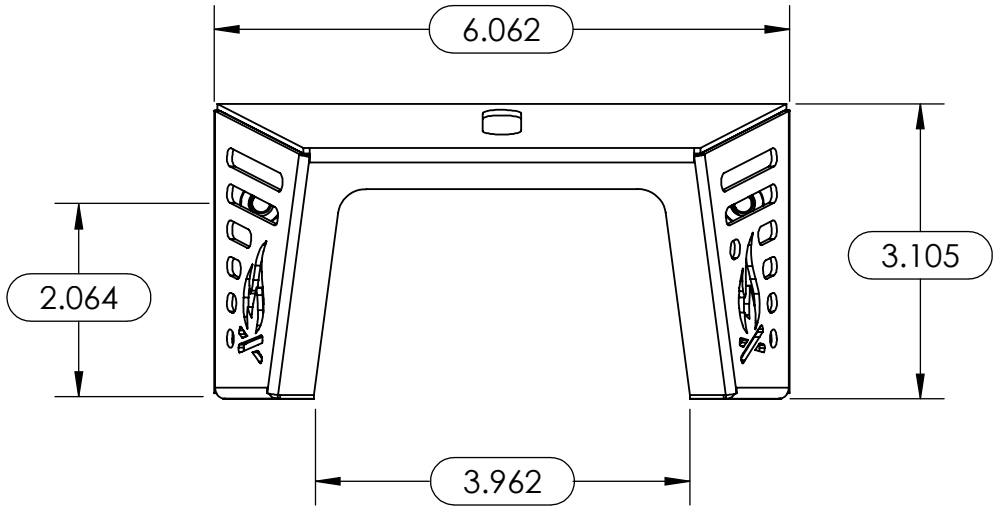



FIG 2

**TOOLS REQUIRED FOR THIS STEP:** + 2.5MM ALLEN WRENCH

## STEP | 02 CONFIGURE S2 LIGHT

**2.1 Reorient Light Bezel:** Remove the four front faceplate screws securing the **Baja Designs Lens** and **Bezel** and rotate it 180 degrees so the logo is positioned right-side up **(FIG 3-4)**.

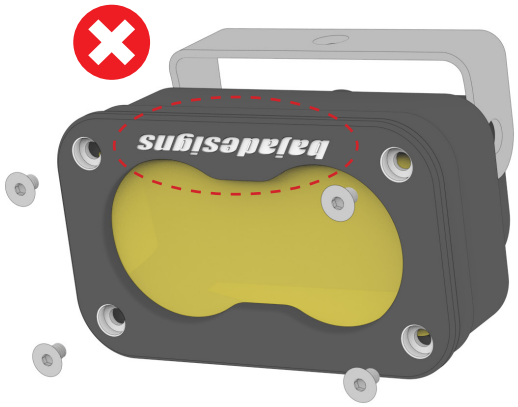



FIG 3




FIG 4

**TOOLS REQUIRED FOR THIS STEP:** + 3MM ALLEN WRENCH

## STEP | 02 CONFIGURE S2 LIGHT

**2.2 Attach Light U-Bracket:** Secure the **Baja Designs Mounting Bracket** to the sides of the light pod housing using the light's included side hardware. Keep hardware slightly loose to allow beam angle adjustment later **(FIG 5-7)**.

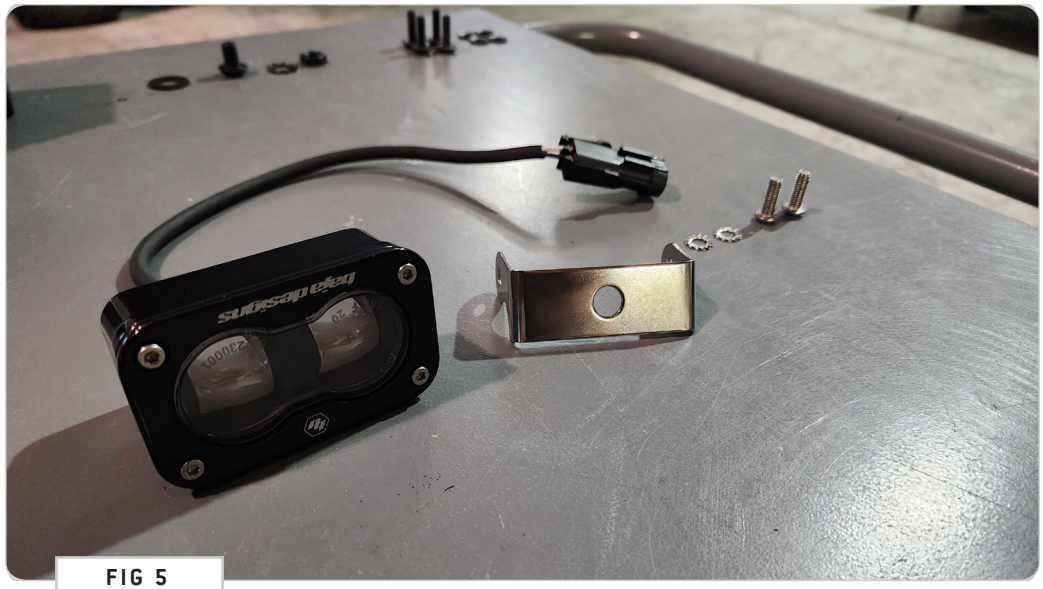


FIG 5



FIG 6



FIG 7

**TOOLS REQUIRED FOR THIS STEP:**
+ 7/32" ALLEN WRENCH
+ 9/16" WRENCH

## STEP | 03 ASSEMBLE LIGHT MOUNT

**3.1 Mount Pod to Bracket:** Insert **(1ea) 3/8"-16 X 0.5" Button Head Screw** with a **Flat Washer** downward through the top slotted hole of the **Rack Light Mount**. On the underside of the baja light bracket, loosely secure with a **3/8" External Tooth Lock Washer** and **3/8" Thin Hex Nut (FIG 8-9).**

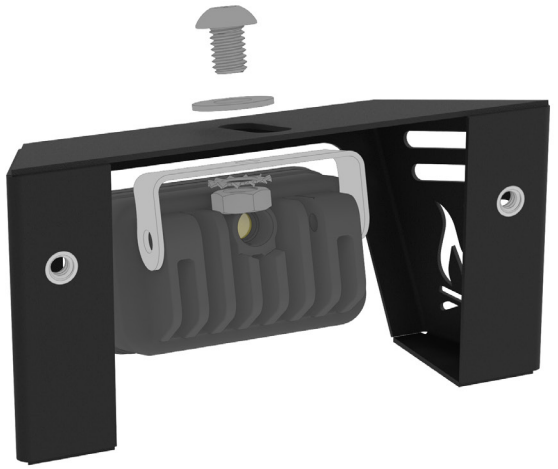


FIG 8



FIG 9

**TOOLS REQUIRED FOR THIS STEP:**

+ CLAMP
+ 7/32" ALLEN WRENCH
+ 9/16" WRENCH
+ 3MM ALLEN WRENCH

## STEP | 03 ASSEMBLE LIGHT MOUNT

**3.2 Position Mount on Rack:** Align the pre-threaded holes of the **Rack Light Mount** with the corresponding **1/4" Slots** on your **FVC Standard** or **Low Pro Roof Rack** and temporarily secure with a clamp **(FIG 10)**.

**3.3 Determine Light Offset:** Slide the light forward or backward within the mounting slot to determine your desired offset. Remove the mount and snug up hardware to finalize position.

**PRO-TIP:** *For the cleanest appearance and maximum rock/branch protection, align the light housing slightly inset from the outer front face of the shroud.*

**3.4 Determine Beam Angle:** Return the mount to the rack and aim the light to your preferred beam projection angle. Remove and torque all hardware securely.

**3.5 Wiring Pass-Through:** Route the light wiring pigtail through or around the side rail to keep the harness concealed and protected. **(FIG 11).**

**NOTE -** *We ran it through one of the L-Track style keyway cutouts in the rack, but you could drill out a new pass-through or route it under the side rail if applicable.*

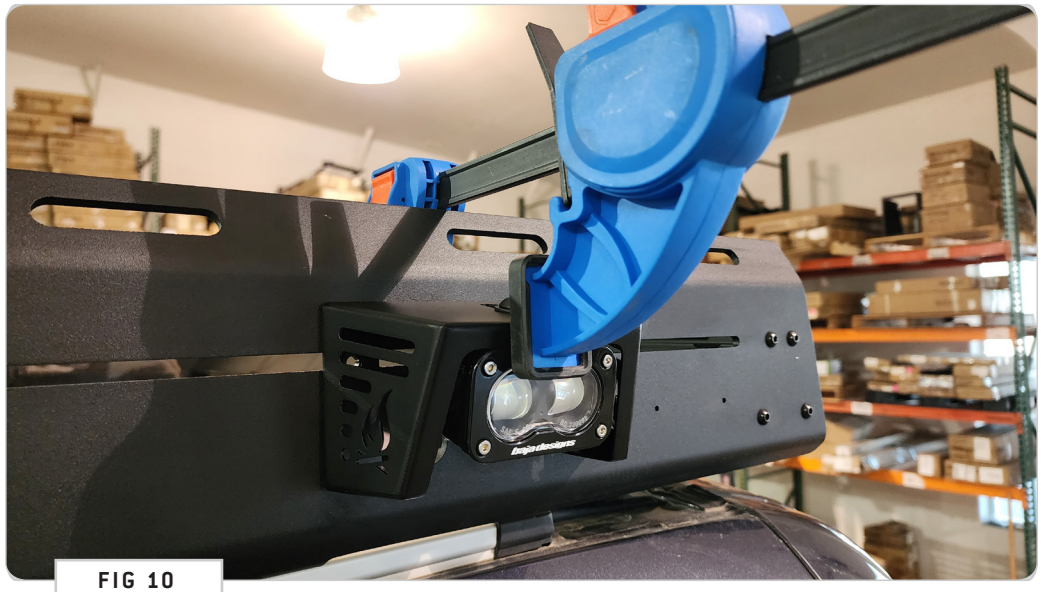


FIG 10

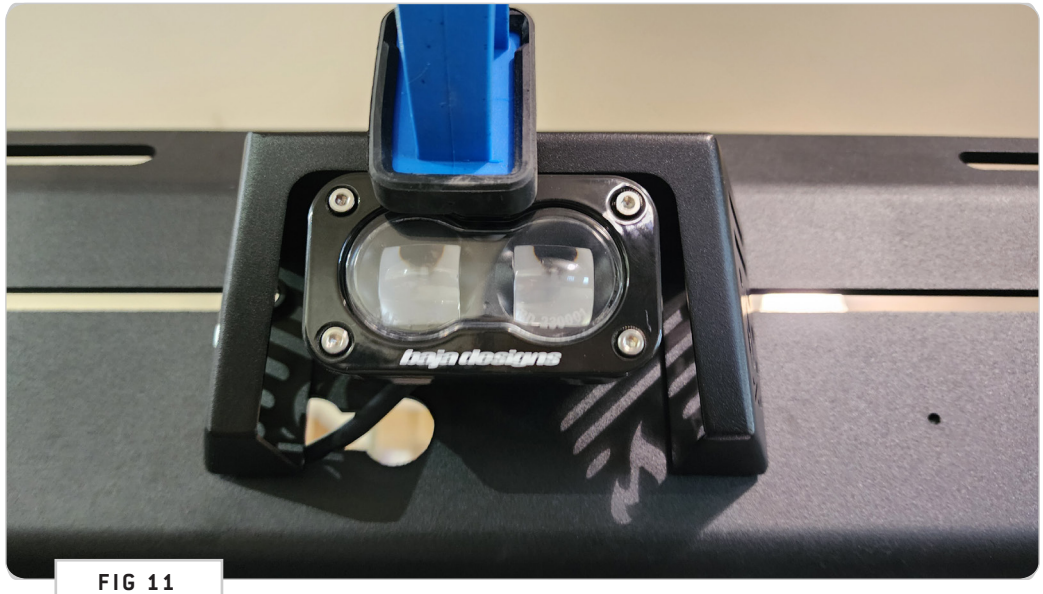



FIG 11

**TOOLS REQUIRED FOR THIS STEP:** + 3/16" ALLEN WRENCH

## STEP | 04 INSTALL LIGHT MOUNT

**4.1 Secure Light Mount to Rack:** Place a **1/4" Belleville Spring Lock Washer** onto each **1/4"-20 X 0.75" Flanged Button Head Screw** (ensure the cupped cone side faces outward toward the screw head) and thread them through the **Roof Rack Side Rail** and into the pre-threaded holes of the **Rack Light Mount (FIG 12).**

**4.2 Repeat For Second Light:** Repeat all steps for secondary light in your **Rack LIght Mount Kit.**

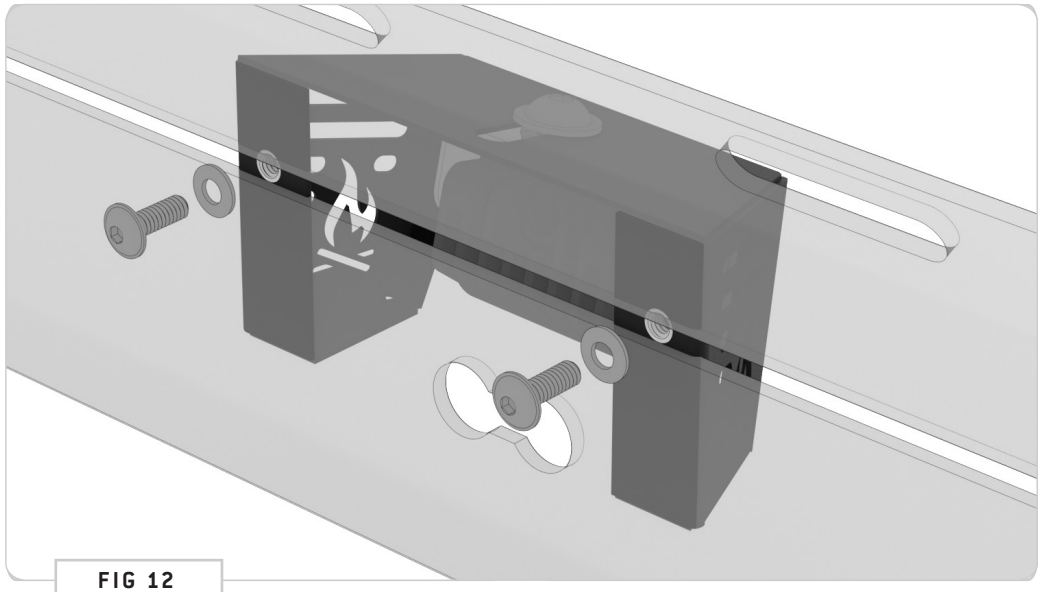


FIG 12



FIG 13

# GET OUT AND EXPLORE!

## + LEAVE US A REVIEW

Happy with your new FVC product? We would love to hear (and see) from you! Head to the product page and click "Leave Review." Add a short review and upload a few photos to be showcased on the product page.

## + SHARE YOUR PICS

We love seeing how our customers use their FVC products and following along with your adventures. Tag us in your photos with: @flatlinevanco or send them to us via email. We love posting customer pictures in our feed!

## + NEED ANY HELP?

If you are having any issues with your product, please reach out, and we will make it right. FVC is a company of van and outdoor enthusiasts that design and use our own products, so we want you to be as stoked on your new parts as we are!

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