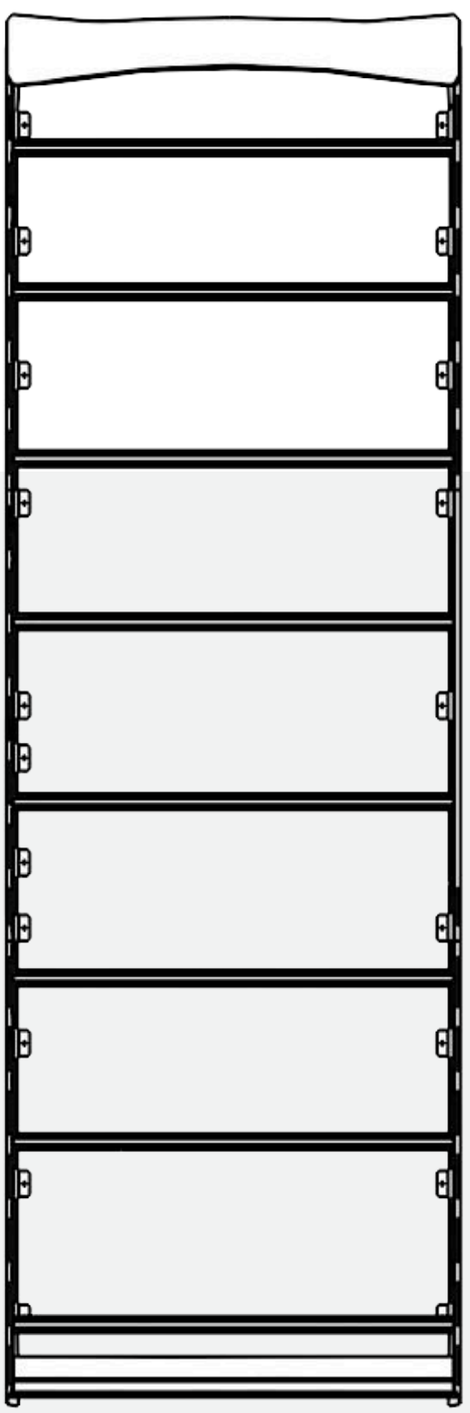
# VANNCAMP



# STANDARD RACK 170

Installation Guide

# READING BEFORE BEGIN

VANNCAMP products must be properly assembled and secured before use. Improper assembly or installation can lead to serious accidents and injuries.By following these instructions and safety guidelines, you can ensure safe and enjoyable use of your VANNCAMP roof rack.Failure to follow these guidelines may result in accidents or injuries.

**IMPORTANT SAFETY INFORMATION:**

- **Factory or aftermarket tracks required:** This roof rack must be mounted onto existing factory or aftermarket tracks on your vehicle's roof.
- **Avoid over-tightening:** Over-tightening bolts can cause hardware failure. Use the appropriate torque value.
- **Thread lubricant:** Apply anti-seize lubricant to bolt threads to prevent binding.
- **Two-person installation:** This installation requires two people for safety and efficiency.
- **Vehicle weight limit:** Check your vehicle manufacturer's recommended maximum weight rating before using the roof rack.
- **Professional installation:** If you're unsure about the installation process, consult a professional mechanic.
- **Load capacity:** Do not exceed the roof rack's maximum load capacity.
- **Secure cargo:** Properly secure all cargo to the roof rack to prevent it from shifting or falling off.
- **Driving conditions:** Avoid driving in extreme weather conditions or on rough roads.
- **Safety first:** Always prioritize safety when using VANNCAMP products.

EXCITED TO GET YOUR NEW STANDARD RACK INSTALLED? BEFORE YOU BEGIN, TAKE A MOMENT TO REVIEW THE FOLLOWING GUIDELINES TO ENSURE A SMOOTH INSTALLATION PROCESS.

- BEFORE USING THE PRODUCT, PLEASE THOROUGHLY INSPECT IT FOR ANY SHIPPING DAMAGE.
- SHOULD YOU DISCOVER ANY DAMAGE TO THE PRODUCT, PLEASE CONTACT OUR CUSTOMER SERVICE DEPARTMENT WITHOUT DELAY.
- NEXT, CAREFULLY REVIEW THE "PACKAGE CONTENTS" PAGE TO ENSURE THAT ALL LISTED PARTS AND HARDWARE ARE INCLUDED IN THE PACKAGE.
- PLEASE CHECK IF ALL THE INCLUDED INSTALLATION TOOLS ARE PRESENT.

-5/16 HEX KEY WRENCH

-3/8 HEX KEY WRENCH

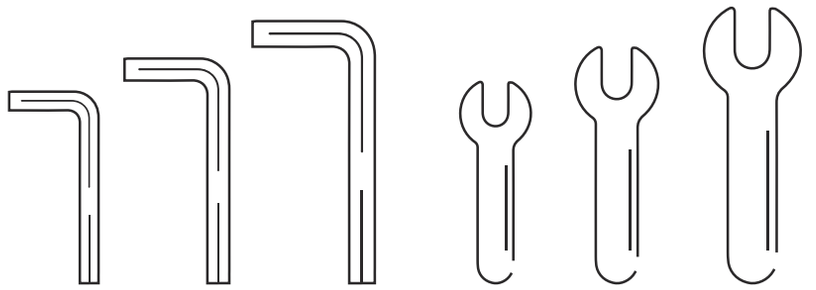
-1/4 HEX KEY WRENCH

-5/16 WRENCH

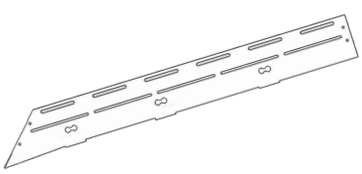
-1/4 WRENCH

-5/16 WRENCH

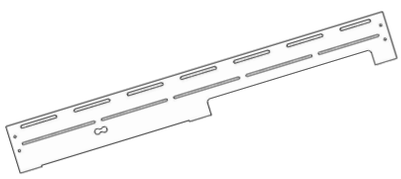
**TOOLS**



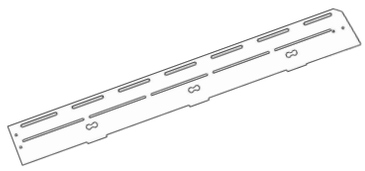
## PACKAGE CONTENTS



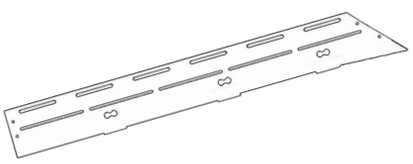
DRIVER FRONT RAIL*1



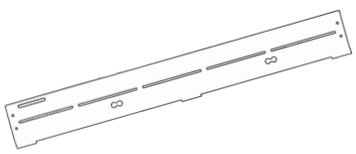
DRIVER MIDDLE RAIL*1



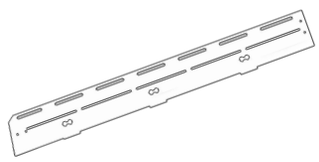
DRIVER REAR RAIL*1



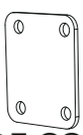
PASSENGER FRONT RAIL*1



PASSENGER MIDDLE RAIL*1



PASSENGER REAR RAIL*1



SIDE COUPLER*4



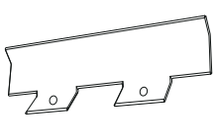
FAIRING*1



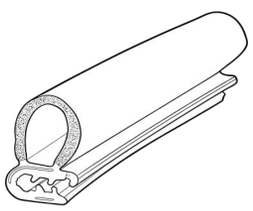
SPOILER*1



CROSSBAR*8



LADDER HATCH*1



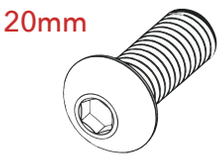
Rubber Strip*1

*The couplers on both sides are exactly the same.

## HARDWARE PACK



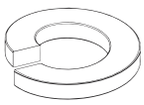

3/8 - 16
BUTTON HEAD SCREW
QTY - 20



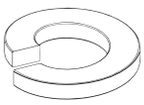

5/16 - 18
BUTTON HEAD SCREW
QTY - 24



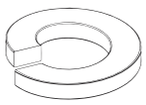

1/4 - 20
BUTTON HEAD SCREW
QTY - 50



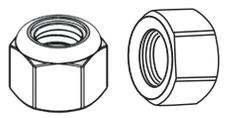
3/8
SPRING LOCK WASHER
QTY - 20



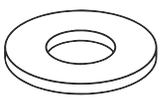
5/16
SPRING LOCK WASHER
QTY - 24



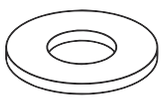
1/4
SPRING LOCK WASHER
QTY - 50



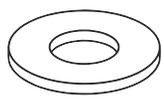
5/16 - 18 NYLOCK
QTY - 20



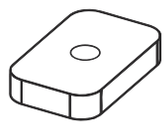
3/8
FLAT WASHER
QTY - 20



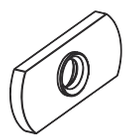
5/16
FLAT WASHER
QTY - 24



1/4
FLAT WASHER
QTY - 50



RAIL NUT
QTY - 20

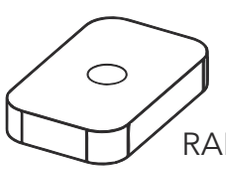


T - NUT
QTY - 18

## LET'S WORK TOGETHER!

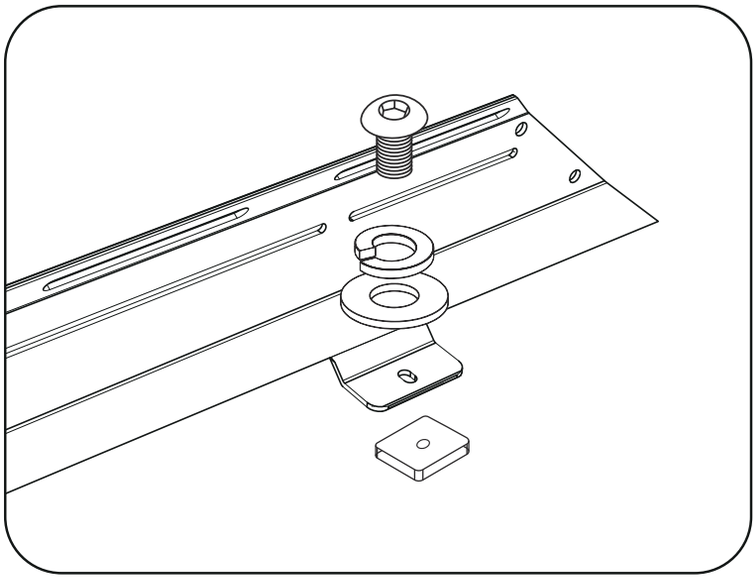
> ***When installing, leave the screws slightly loose to allow for adjustments later.***

1. SLIDE NINE (9) RAIL NUTS INTO THE PASSENGER SIDE FACTORY ROOF RAIL, AND ELEVEN (11) INTO THE DRIVER SIDE RAIL. NOTE THAT TWO NUTS HAVE BEEN PRE-IN -STALLED FOR LADDER HATCH.



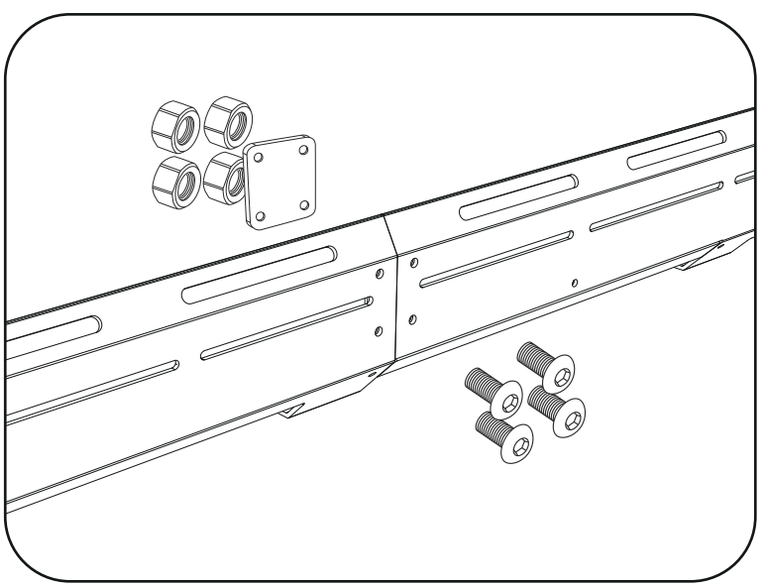
RAIL NUT

2. START BY LOOSELY CONNECTING THE SIDE RAILS TO THE ROOF RAILS WITH THE **3/8-16 BUTTON HEAD SCREWS ,3/8 SPRING LOCK WASHERS** AND **3/8 FLAT WASH-ERS.** DO NOT TIGHTEN THEM ALL THE WAY DOWN TO MAKE IT EASIER TO INSTALL THE CROSSBARS.



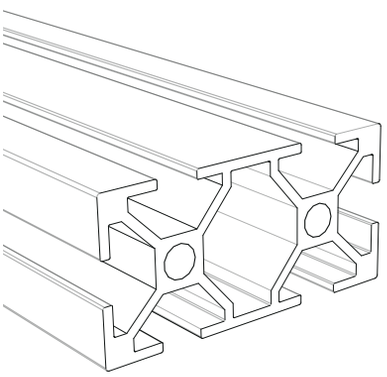
3 ATTACH THE DRIVER AND PASSENGER SIDE COUPLER PLATES BEFORE INSTALLING THE CROSSBARS. ENSURE THEY'RE SECURE. USE FOUR (4) OF THE PROVIDED **5/16 BUTTON HEAD SCREWS** AND **5/16 NYLOCK NUTS.** THE DRIVER'S SIDE AND PASSENGER'S SIDE ARE MOUNTED IN THE SAME WAY.

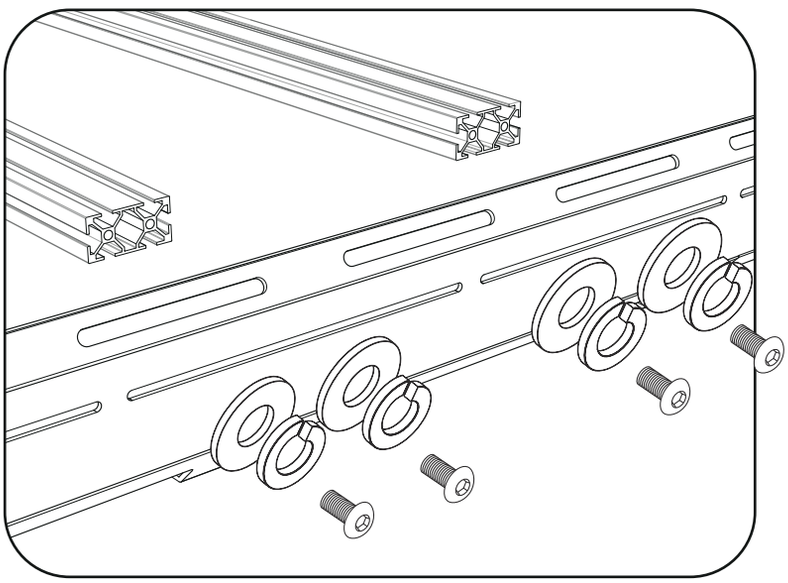
> ***PRO TIP-*** *BUTT THE SIDE RAILS UP TIGHT TO EACH OTHER BEFORE TIGHTENING THE ATTACHMENT SCREWS.*



4 PUT THE CROSSBARS WHERE YOU WANT THEM. USE THE **1/4 BUTTON HEAD SCREWS(19mm) , 1/4 SPRING LOCK WASHERS** AND **1/4 FLAT WASHERS** TO HOLD THEM IN PLACE, BUT DON'T TIGHTEN THEM TOO MUCH.LEAVE THE REAR MOST FIXED LOCATION OPEN FOR THE SPOILER ASSEMBLY.

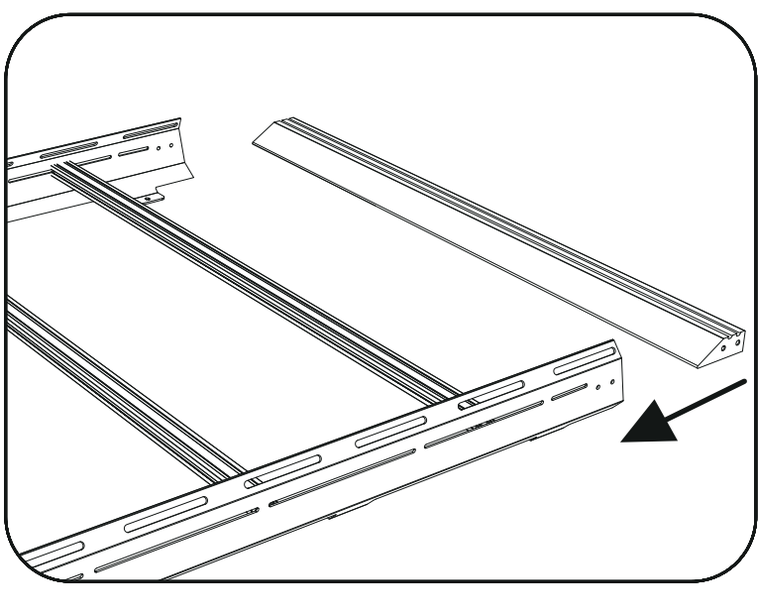
**NOTE -** KEEP IN MIND THE LAYOUT OF YOUR ROOF TOP ARRAY (SOLAR PANELS, FANS, TENTS, ETC.)WE HAVE EXTENDED THE SLOT POSITIONS TO PROVIDE MORE FLEXIBILITY IN YOUR LAYOUT.





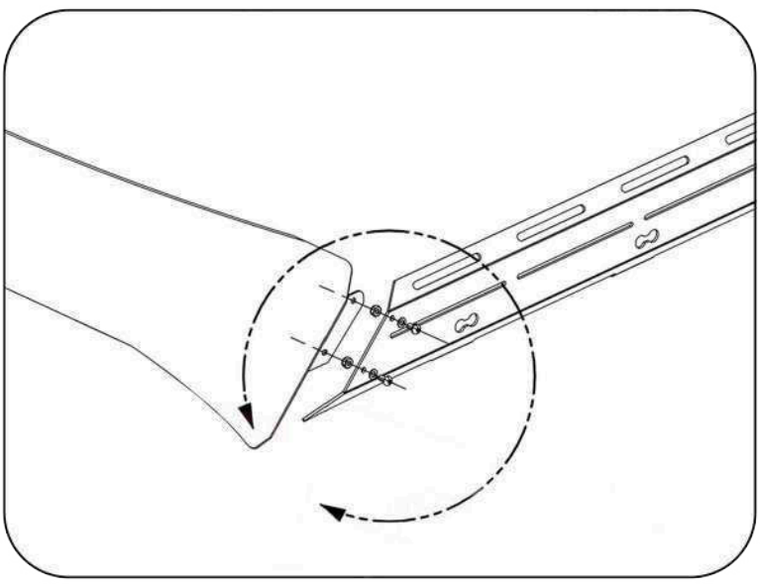
5 TO INSTALL SPOILER, USE **5/16 BUTTON HEAD SCREWS, 5/16 SPRING LOCK WASHERS,** AND **5/16 FLAT WASHERS.**

THE LONGER END OF SPOILER SHOULD POINT TOWARDS FRONT OF THE VAN. ONCE INSTALLED, THE SPOILER SHOULD ALIGN PARALLEL WITH THE CROSSBARS.



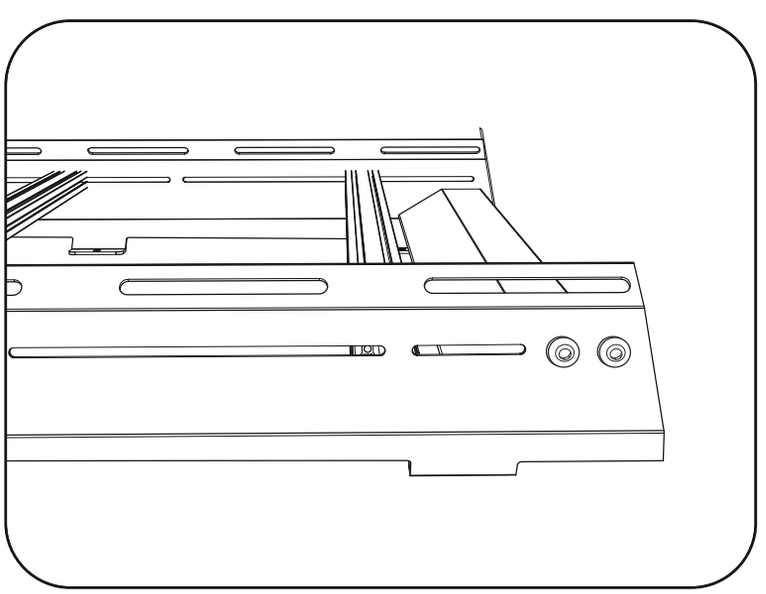
6 INSERT THE RUBBER STRIP UNDER THE LOWER PART OF THE FAIRING TO PREVENT WIND NOISE AND VIBRATION DURING HIGH-SPEED DRIVING.

ATTACH THE FAIRING BRACKET WITH THE WIDE SIDE FACING THE FRONT RAIL AND THE NARROW SIDE CONNECTING TO THE FAIRING. SECURE IT USING **5/16 BUTTON HEAD SCREWS, 5/16 FLAT WASHERS,** AND **5/16 NYLOCK NUTS.**

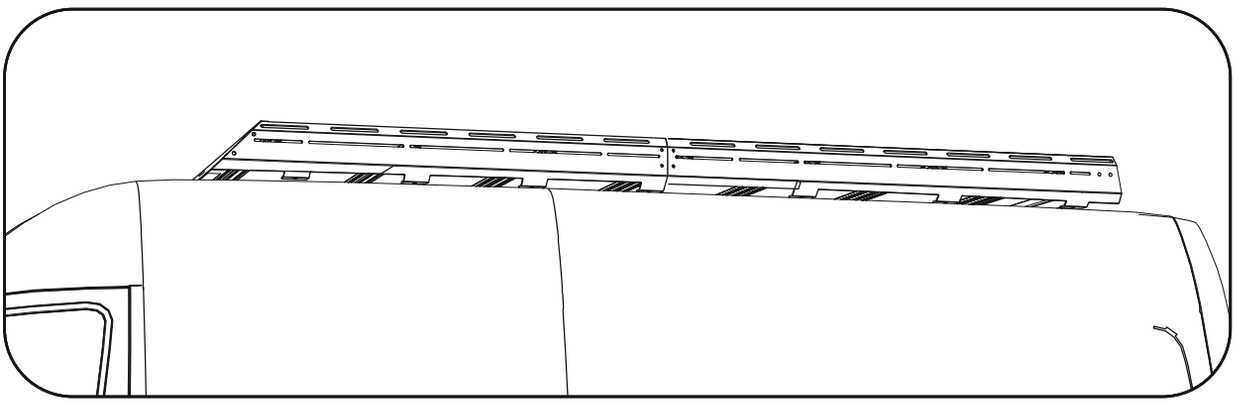


7 TIGHTEN ALL CROSSBAR BOLTS USING THE **5/16 HEX WRENCH**

**NOTE-** DO NOT OVERTIGHTEN! IF YOU ARE CONCERNED ABOUT THE BOLTS BACKING OUT,YOU CAN PUT A DAB OF BLUE LOCTITE ON THE BOLTS BEFORE TIGHTENING DOWN COMPLETELY.



8 NOW TIGHTEN SIDE RAILS TO ROOF RAIL USING THE **3/8 HEX WRENCH.**



## VENTURE OUT AND DISCOVER!

We can't wait to see how you're using your VANNCAMP gear. Tag us in your photos with @vanncap or send them our way. We love sharing your adventures with our community!

Tell us about it! As fellow van enthusiasts, we're excited to hear about your experience. Share your thoughts on our website.

support@vanncamp.com