

# WTA



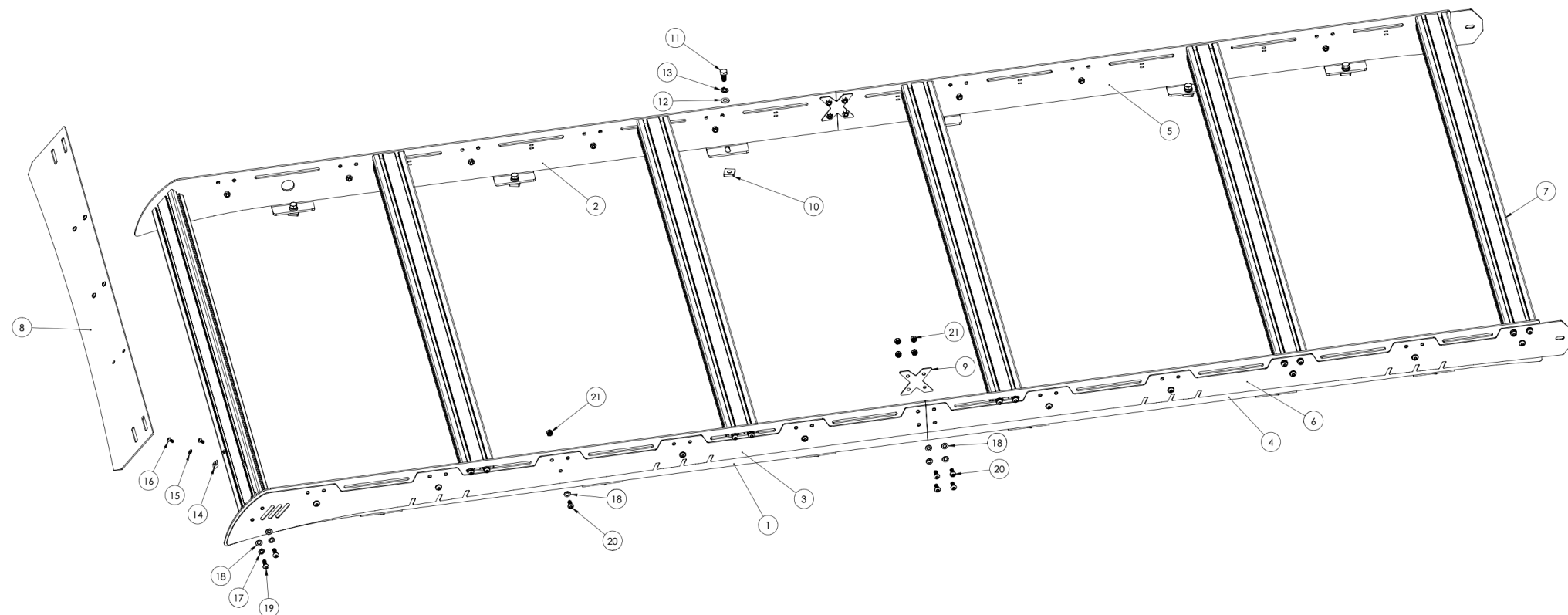
## Installation Guide

### **Sprinter 144 High Roof Strata Roof Rack**

## **SPRR144-J**

**Ensuring the proper assembly and secure attachment of all WTA products to your vehicle is of utmost importance. Failure to adhere to these guidelines may lead to automobile accidents, presenting a substantial risk of bodily harm or even fatality to yourself and others. As the owner, it is incumbent upon you to meticulously assemble and secure WTA products, conducting a thorough examination of the mounting points and attachments before use, and routinely checking for any indications of wear or damage.**

**To ensure optimal safety, we strongly recommend enlisting the services of a qualified installer for the installation of any aftermarket accessories on your vehicle. If you lack mechanical expertise or are unfamiliar with the installation procedures, it is crucial to have the product installed by a certified professional or individuals with the requisite skills. Remember, the responsibility rests with you, and it must be approached with seriousness to safeguard the well-being of all individuals involved.**



| ITEM NO. | PART NUMBER                   | DESCRIPTION                            | QTY. |
|----------|-------------------------------|----------------------------------------|------|
| 1        | Front Rack Section driver     |                                        | 1    |
| 2        | Front Rack Section passenger  |                                        | 1    |
| 3        | Armor Plate Front Section 144 |                                        | 2    |
| 4        | rear rack Section driver      |                                        | 1    |
| 5        | rear rack Section passenger   |                                        | 1    |
| 6        | Armor Plate Rear Section 144  |                                        | 2    |
| 7        | 3060 crossbars 1352MM         | EXTRUSION, 25x50, M6x1.0, HR, SPRINTER | 6    |
| 8        | Fairing V4 Sprtr              |                                        | 1    |
| 9        | "X" Brace                     |                                        | 2    |
| 10       | M10 nut-rail anchor           |                                        | 12   |
| 11       | M10-22                        | 18-8 Stainless Steel Hex Head Screw    | 12   |

| ITEM NO. | PART NUMBER        | DESCRIPTION                                       | QTY. |
|----------|--------------------|---------------------------------------------------|------|
| 12       | M10 Washer         | 18-8 Stainless Steel Washer                       | 12   |
| 13       | M10 Lock Washer    | 18-8 Stainless Steel Split Lock Washer            | 12   |
| 14       | M6 crossbar anchor |                                                   | 6    |
| 15       | M6 Washer          | Black-Oxide 18-8 Stainless Steel Washer           | 6    |
| 16       | M6-12              | 18-8 Stainless Steel Button Head Hex Drive Screws | 6    |
| 17       | M8 Lock Washer     | 18-8 Stainless Steel Split Lock Washer            | 24   |
| 18       | M8 Washer          | Black-Oxide 18-8 Stainless Steel Washer           | 52   |
| 19       | M8-25 Button head  | 18-8 Stainless Steel Button Head Hex Drive Screws | 24   |
| 20       | M8-20 Button head  | 18-8 Stainless Steel Button Head Hex Drive Screws | 28   |
| 21       | M8 Nylock Nut      | High-Strength Steel Nylon-Insert Locknuts         | 28   |

# THANK YOU!

- PLEASE INSPECT THE PRODUCT TO ENSURE THERE WAS NO DAMAGE INCURRED DURING SHIPPING.

- IF THERE IS DAMAGE TO REPORT, PLEASE CONTACT OUR CUSTOMER SERVICE DEPARTMENT AS SOON AS POSSIBLE.

- NEXT, USING THE “PACKAGE CONTENTS” PAGE, CHECK INVENTORY AND FAMILIARIZE YOURSELF WITH THE PARTS AND HARDWARE.

- GATHER ALL TOOLS REQUIRED FOR INSTALL.

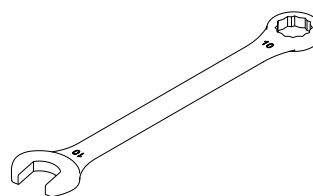
- 10 mm WRENCH

- 17 mm WRENCH

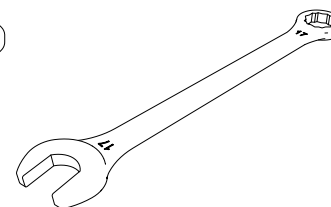
- 4 mm ALLEN

- 5 mm ALLEN

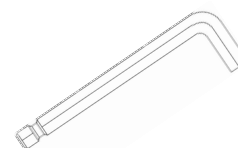
## TOOLS



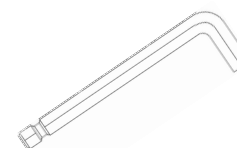
10 mm Wrench



17 mm Wrench

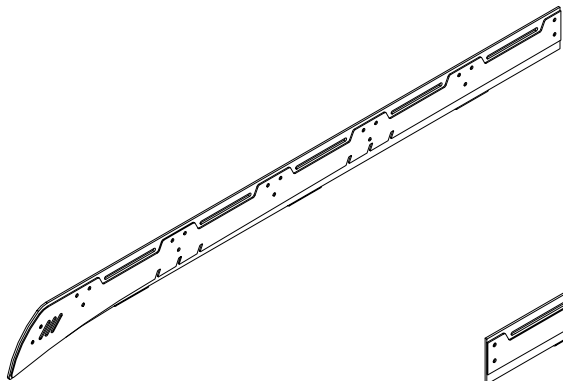


4 mm Allen Wrench

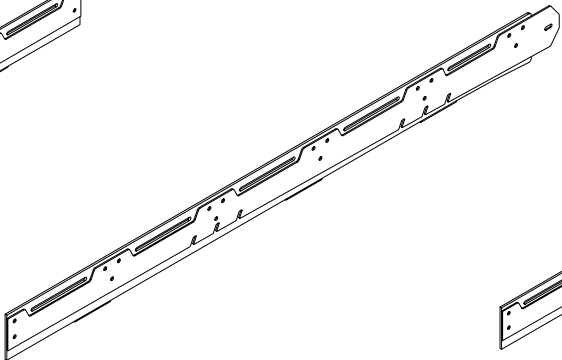


5 mm Allen Wrench

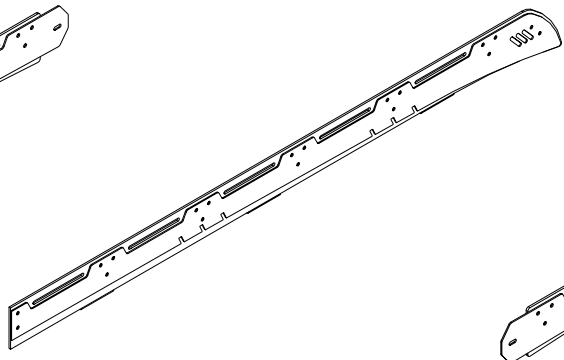
# PACKAGE CONTENTS



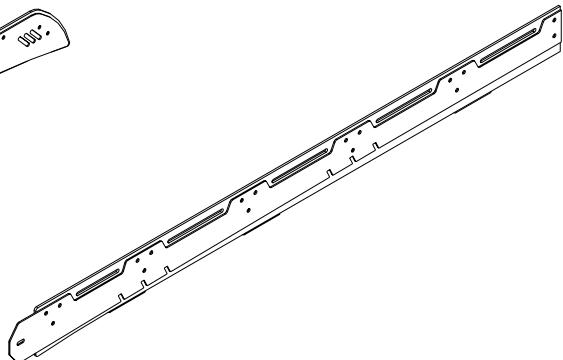
DRIVER FRONT RAIL  
QTY-1



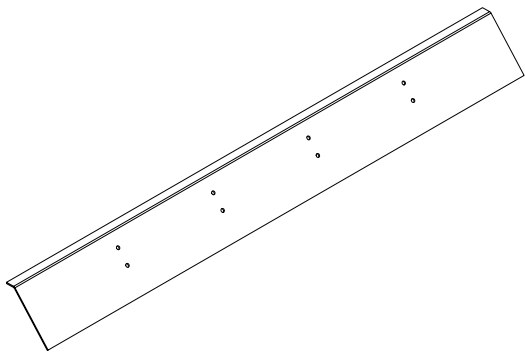
DRIVER REAR RAIL  
QTY-1



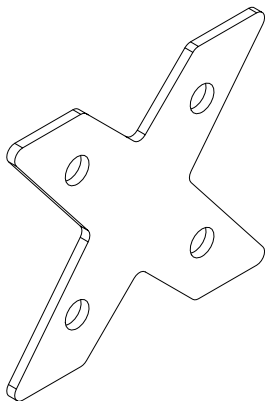
PASSENGER FRONT RAIL  
QTY-1



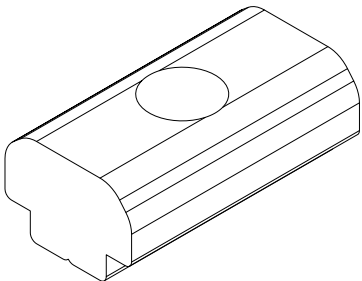
PASSENGER REAR RAIL  
QTY-1



FAIRING  
QTY-1



JOINT PLATE  
QTY-2

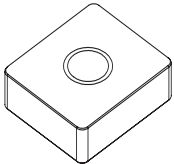
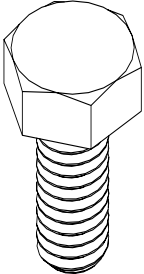
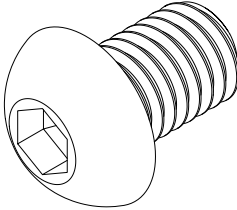
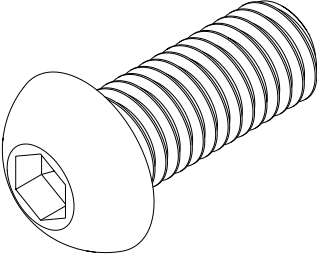
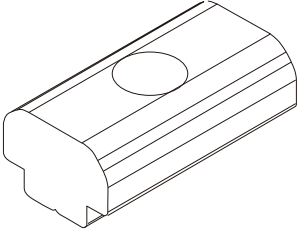
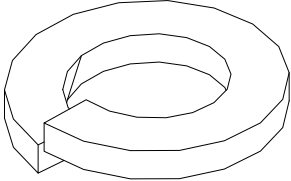
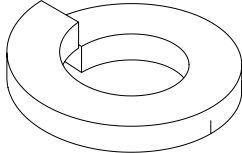
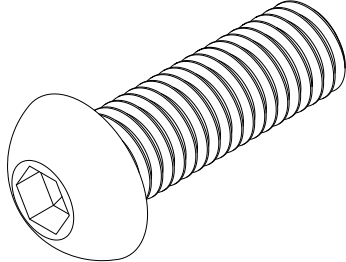
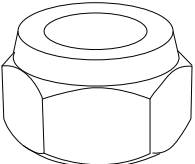
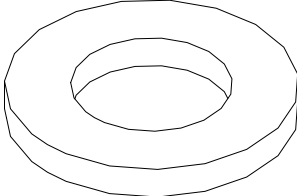
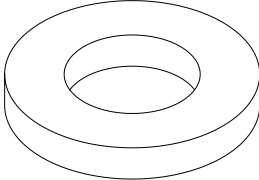
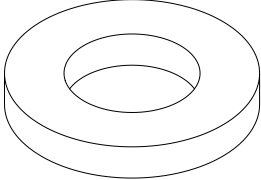


T BLOCK  
QTY-8



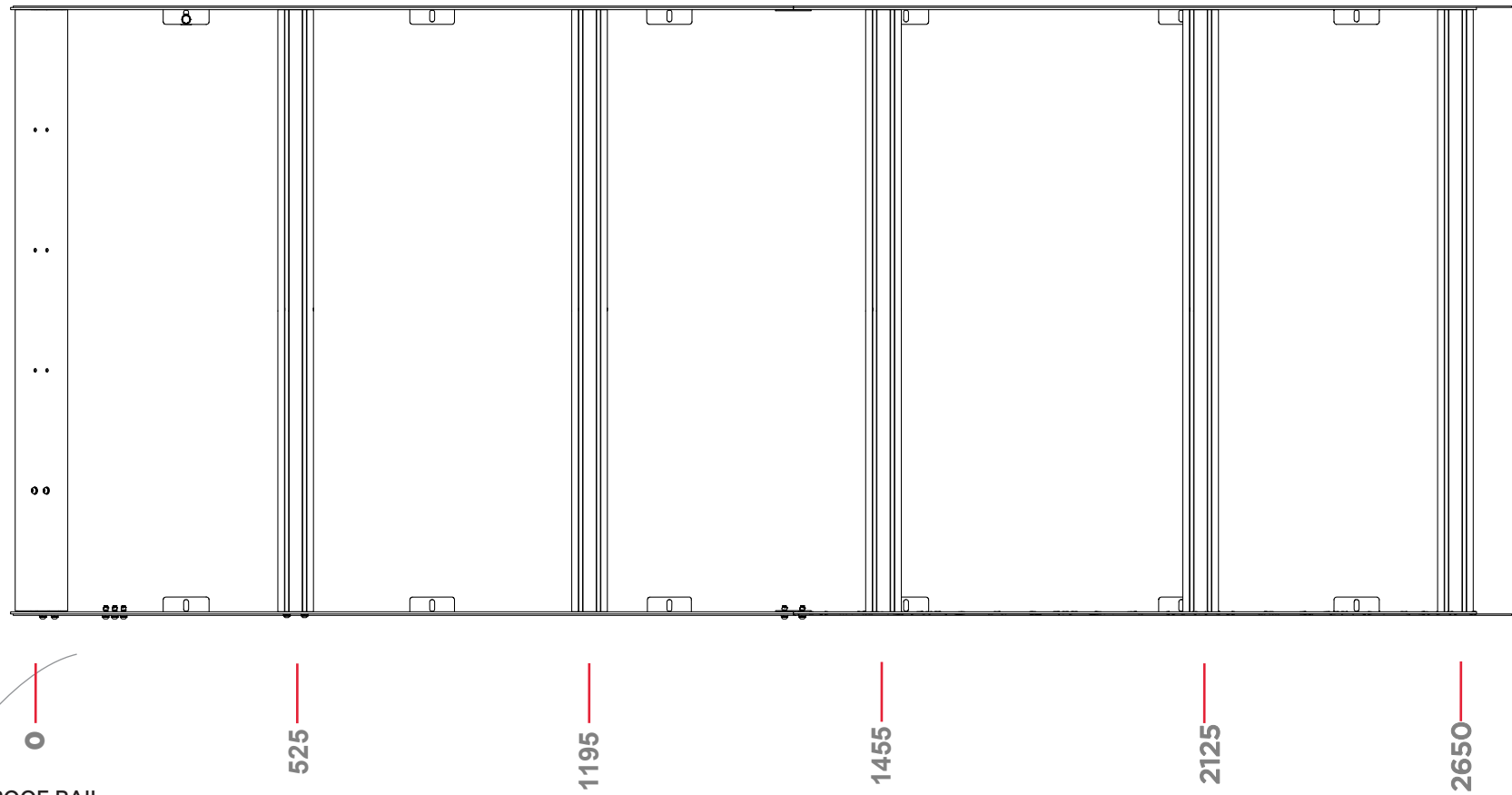
CROSSBAR  
QTY-6

# HARDWARE PACK

|           |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SPRR144-J |    |    |    |    |
|           | RAIL NUT<br>QTY-12                                                                  | M10-22 HEXAGON<br>HEAD SCREW QTY-12                                                 | M6-12 HEXAGON SOCKET BUTTON<br>HEAD SCREW<br>QTY-8                                    | M8-20 HEXAGON SOCKET BUTTON<br>HEAD SCREW<br>QTY-28                                   |
|           |    |    |    |    |
|           |  |  |  |  |
|           | M8 LOCK NUT<br>QTY-28                                                               | M10 WASHER<br>QTY-12                                                                | M8 WASHER<br>QTY-80                                                                   | M6 WASHER<br>QTY-8                                                                    |

# LET'S GET STARTED!

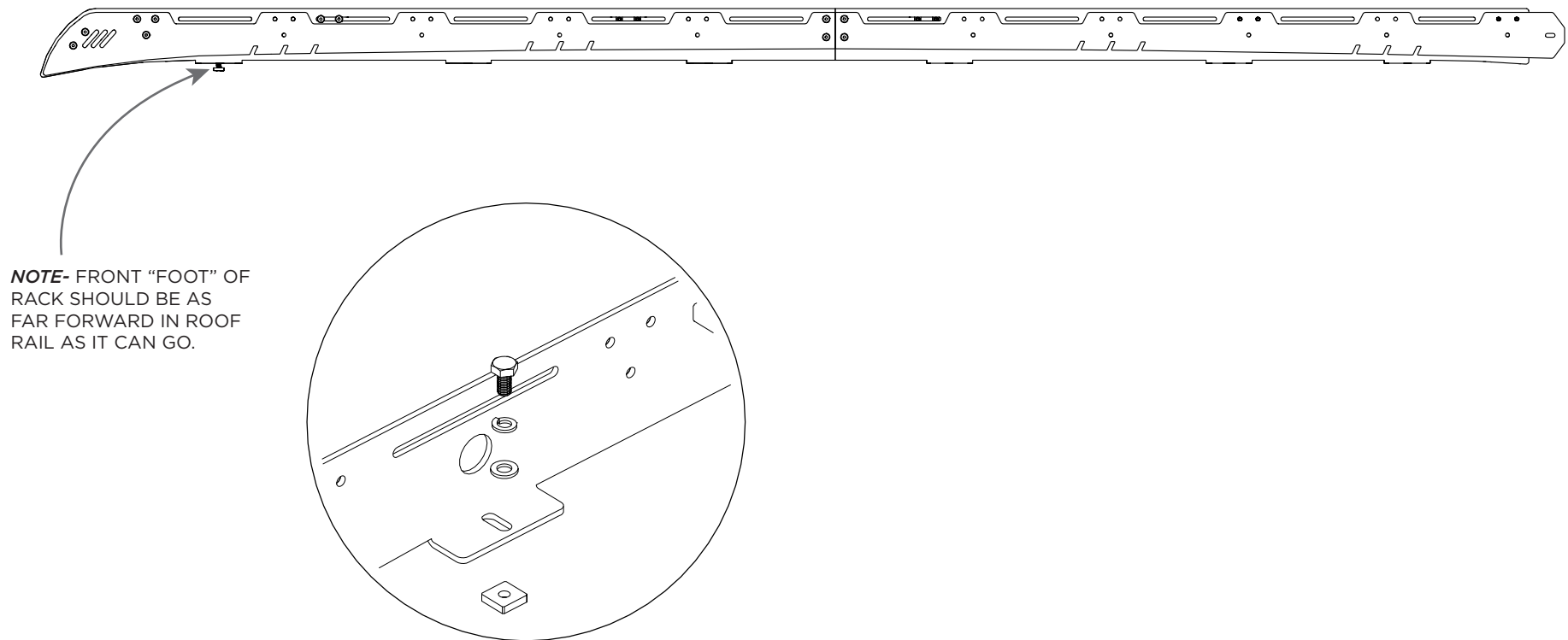
1. SLIDE HALF OF THE RAIL NUTS INTO THE PASSENGER SIDE FACTORY ROOF RAIL, AND HALF OF THEM INTO THE DRIVER SIDE RAIL.
2. SPACE OUT THE RAIL NUTS CLOSE TO THE FINAL POSITION (GROUPS OF 2) SEE **FIGURE 1** FOR ROUGH REFERENCE DIMENSIONS.



FRONT OF ROOF RAIL  
ON DRIVER SIDE OF VAN

USE THESE DIMENSIONS FOR ROUGH REFERENCE ONLY (UNIT: mm)

START *LOOSELY* ATTACHING THE SIDE RAILS TO THE ROOF RAILS  
USING THE **M10-22 HEXAGON HEAD SCREW & M10 SPRING LOCK WASHERS**  
& **M10 WASHERS**, BUT DO NOT TIGHTEN ALL THE WAY DOWN.  
(SEE **FIGURE 3** FOR DETAIL)



**FIGURE 3**

4. PLACE YOUR CROSSBARS IN DESIRED LOCATION, LOOSELY BOLTING THE M8-20 HEXAGON HEAD SCREWS & M8 SPRING LOCK WASHERS & M8 WASHERS IN PLACE.

FIGURE 4

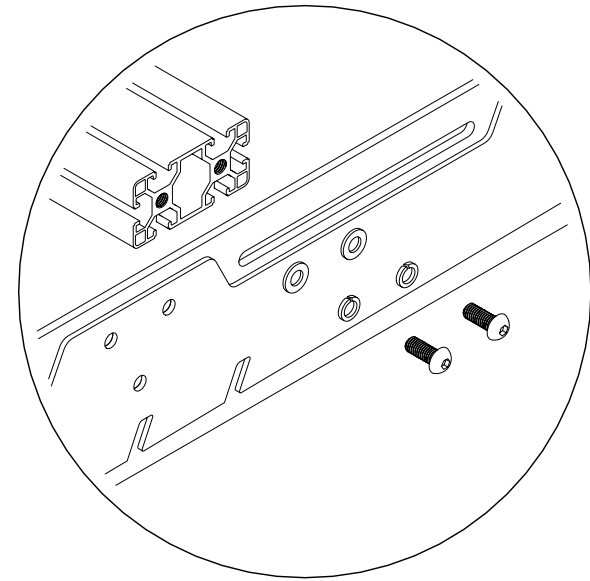
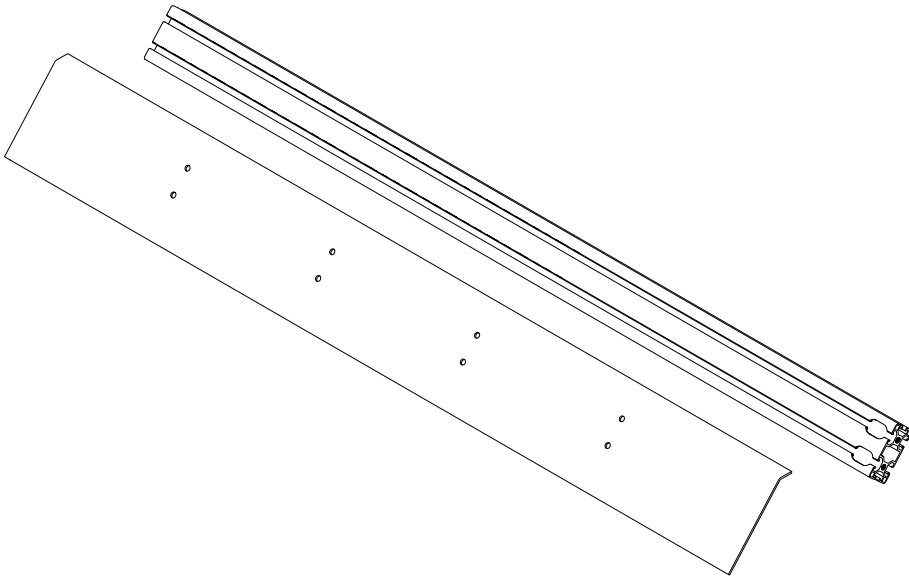
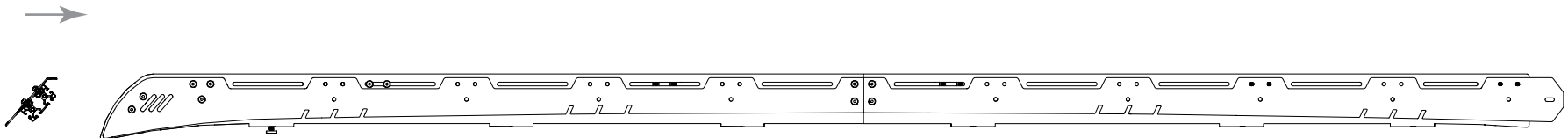


FIGURE 5

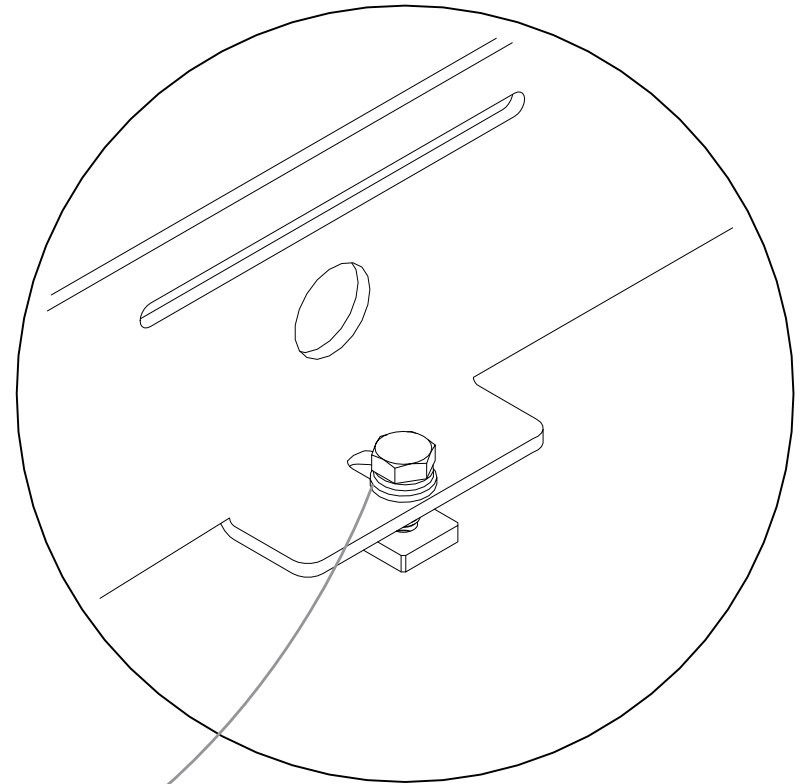
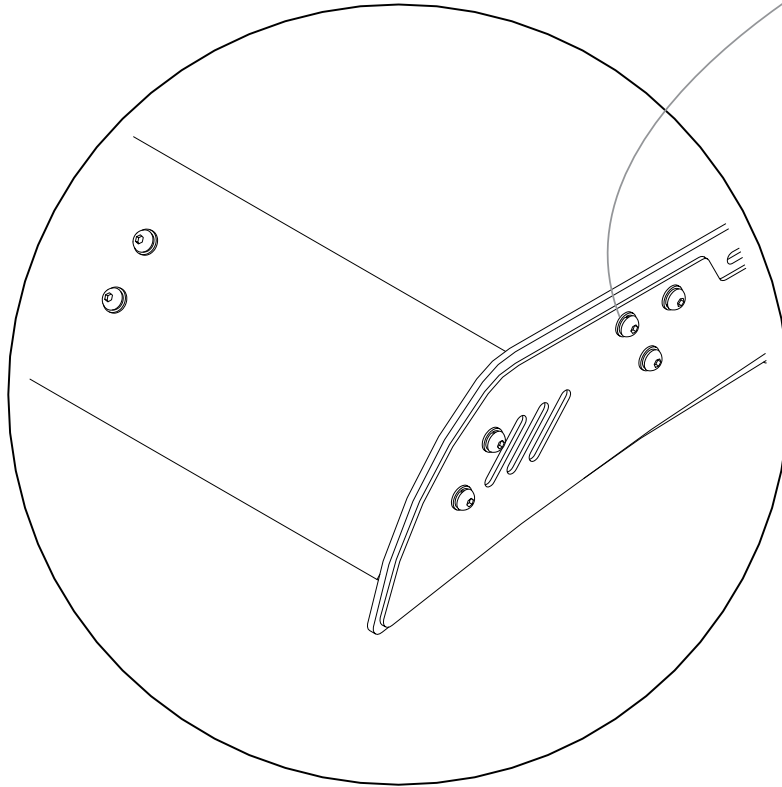


**NOTE-** IF INSTALLING OUR FRONT FAIRING; IT IS SUGGESTED TO BOLT THE FAIRING TO THE CROSSBAR FIRST (SEE FIGURE 5), THEN ATTACH THAT ASSEMBLY TO THE ROOF RACK (SEE FIGURE 6)

FIGURE 6



5. TIGHTEN ALL CROSSBAR BOLTS USING THE 10 mm 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.



6. NOW TIGHTEN SIDE RAILS TO ROOF RAIL USING THE 17 mm WRENCH

# GET THERE WITH WHITE TOP ADVENTURES



[info@whitetopadventures.com](mailto:info@whitetopadventures.com)



thanks!