

START HERE!

READ ME FIRST

Don't be a hero and muscle through this installation without reading these fitting instructions first! Improper installation of this gear may void certain aspects of your warranty.

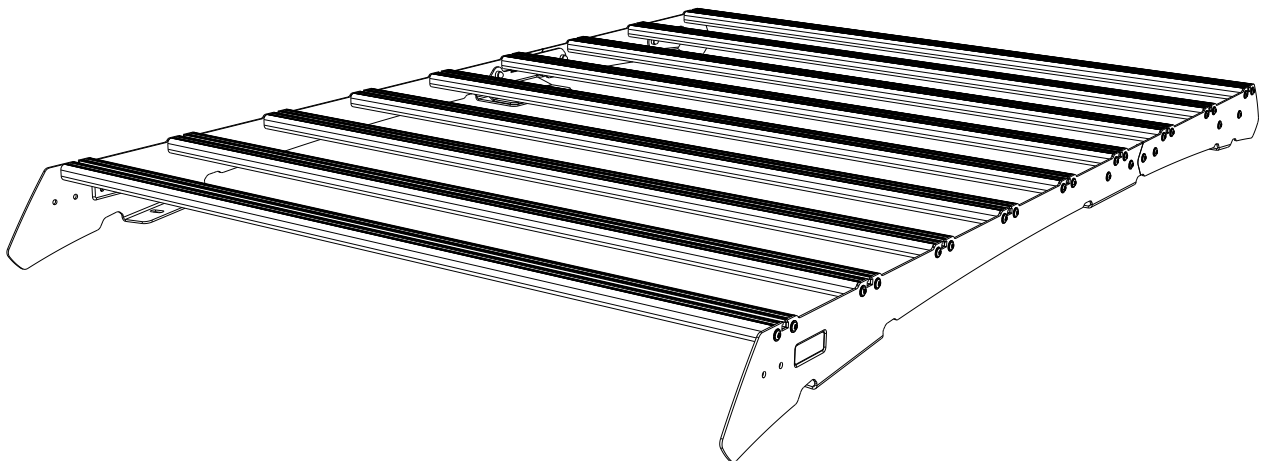
Before you begin, take a moment and open all your Front Runner rack kit boxes and gather the assembly instructions for the various components.

A complete kit will contain:

1. A Front Runner SlimSport Kit

This document will guide you through the assembly of the mounting system and assist you in fitting the roof rack tray or load bars to your specific vehicle.

Please refer to the next page for a list of all the components, quantities and tools required.



IMPORTANT WARNING!

IT IS CRITICAL THAT ALL FRONT RUNNER PRODUCTS BE PROPERLY AND SECURELY ASSEMBLED AND ATTACHED TO YOUR VEHICLE. IMPROPER ATTACHMENT COULD RESULT IN AN AUTOMOBILE ACCIDENT, AND COULD CAUSE SERIOUS BODILY INJURY OR DEATH. YOU ARE RESPONSIBLE FOR ASSEMBLING AND SECURING ALL FRONT RUNNER PRODUCTS TO YOUR VEHICLE, CHECKING THE ATTACHMENTS PRIOR TO USE, AND PERIODICALLY INSPECTING THE PRODUCTS FOR ADJUSTMENT, WEAR AND DAMAGE. THEREFORE, YOU MUST READ AND UNDERSTAND ALL OF THE INSTRUCTIONS AND PRECAUTIONS SUPPLIED WITH YOUR FRONT RUNNER PRODUCT PRIOR TO INSTALLATION OR USE. IF YOU DO NOT UNDERSTAND ALL OF 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.

NOTE: Front Runner will not be responsible for any damage caused by the failure to install the product according to these instructions.

Please call us if you have any questions about the installation of this product.



1 GET ORGANIZED

IN THE BOX

1	2 X	Front Foot Rail 1LH & 1RH
2	2 X	Middle Stiffener Plate 1LH & 1RH
3	2 X	Rear Stiffener Plate 1LH & 1RH
4	9 X	Slimsport Slat
5	36 X	M6x25 Thread Forming Screw
6	12 X	M6x16 Button Head Flange Bolt
7	20 X	M6 Nyloc Nut
8	22 X	M6 Nut Cap
9	10 X	19x24 Spacer
10	10 X	M6x50 Hex Bolt
11	18 X	M6x20x2 Flat Washer
12	3 X	M6 Jack Nut
13	2 X	M6x30 Button Head Bolt
14	1 X	Jack Nut Tool
15	8 X	Push In Rivet
16	2 X	Rear Foot Rail 1LH & 1RH

TOOLS NEEDED

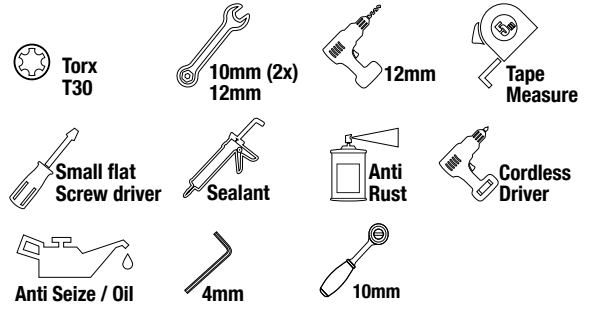
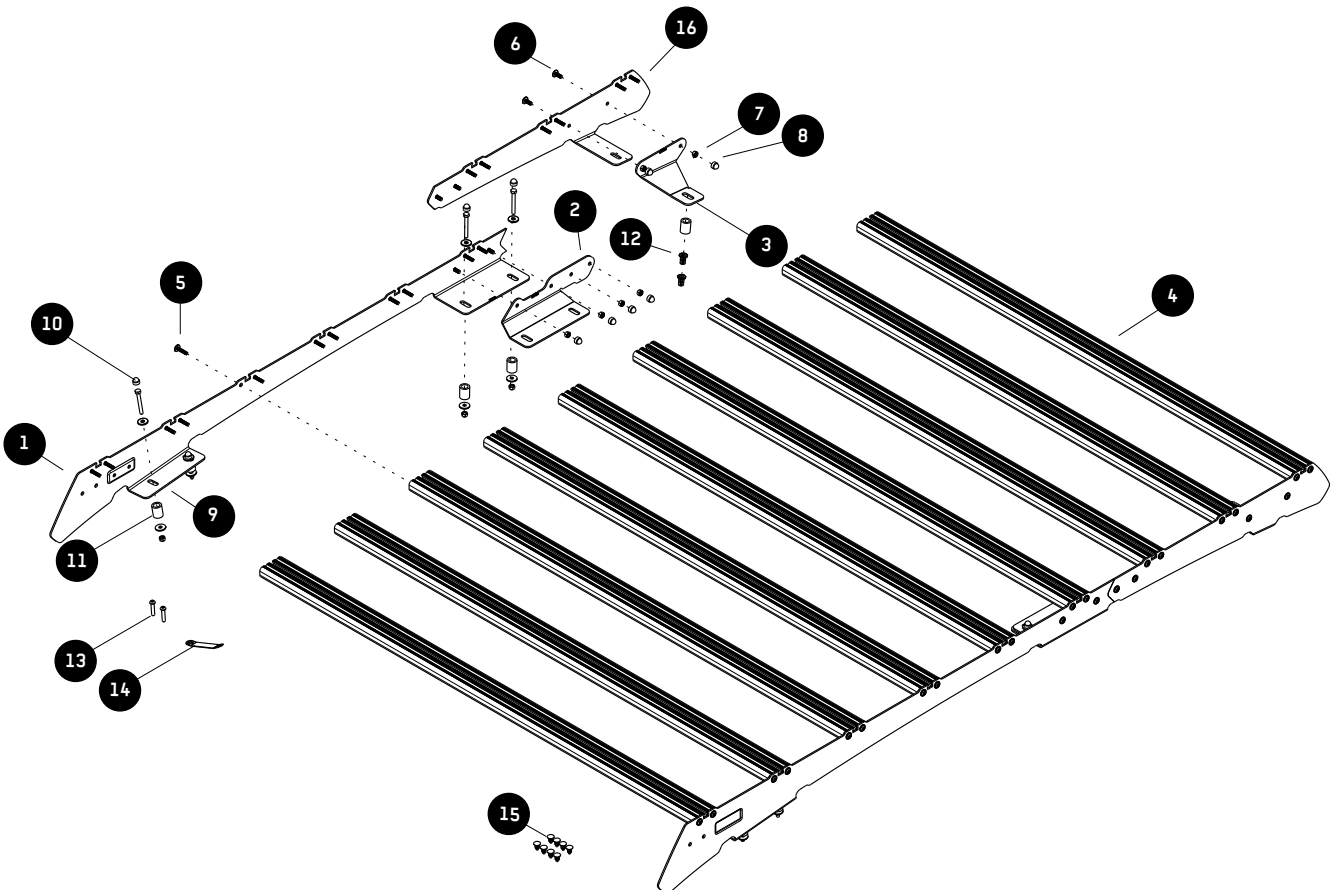
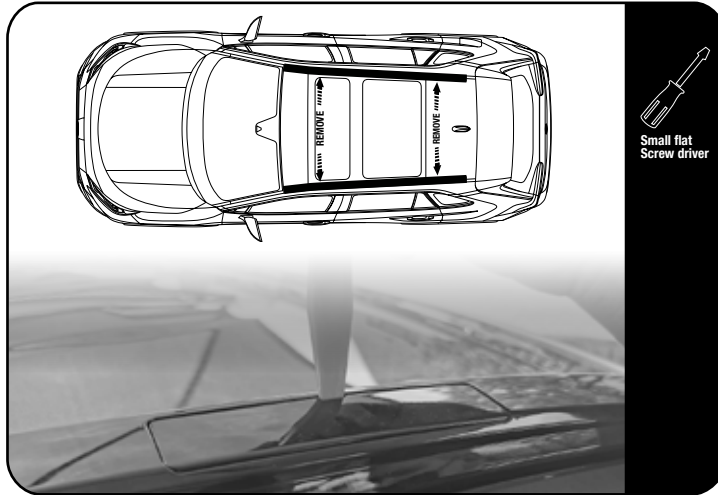


FIGURE 1.1



2.1

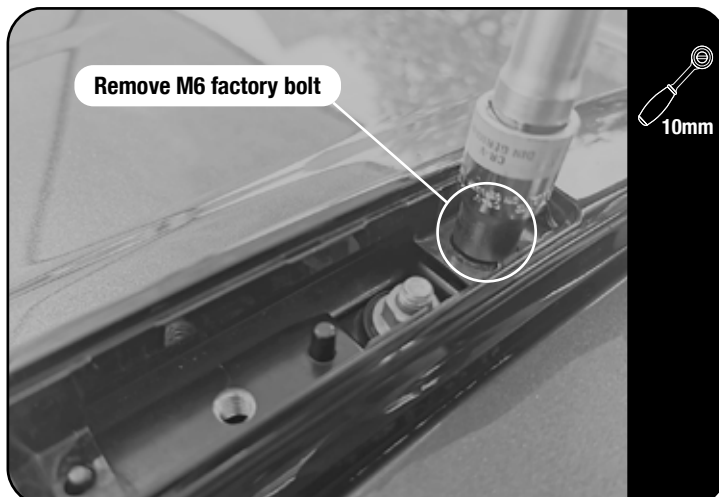



Small flat
Screw driver

**REMOVE FACTORY MOUNTED RAILS**

Depending on model and spec, your vehicle will either have raised or flush factory rails. For flush rails remove the front and rear covers from the vehicle's roof rails using a flat screw driver or suitable panel tool.

2.2




10mm



Loosen the M6 factory bolts shown in 2.2. Lift the rails off of the roof by unclipping in sequence from back to front of the vehicle.

2.3




12mm

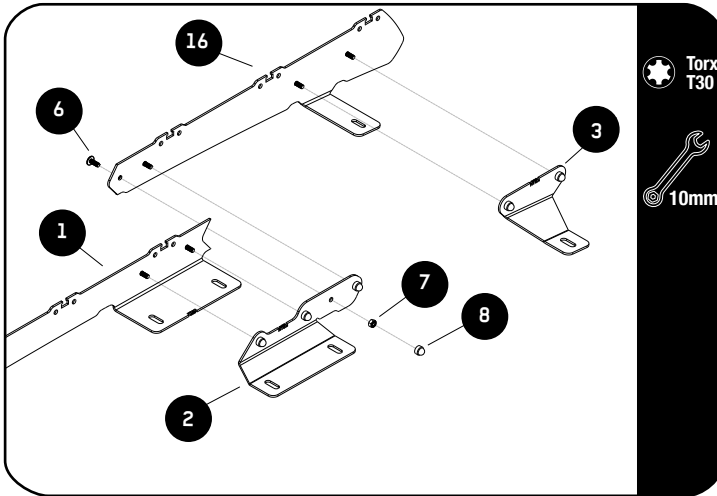


For both raised and flush rails the vehicles headliner will need to be dropped.

Look online for videos to assist.

Locate and remove the nuts securing the rails/mount plates to the roof of the vehicle (4 per side).

2.4



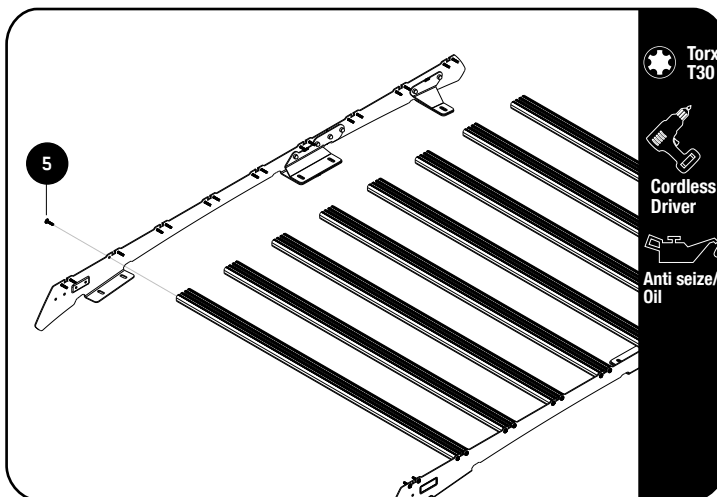
Join the Front LH and Rear LH Foot Rails (Item 1 & 16) with the Middle Stiffener Plate provided (Item 2) using M6 x 16 Button Head Flange Bolts and M6 Nyloc Nuts (Items 6 & 7).

Secure the Rear Stiffener Plate to the LH Assembly using M6 x 16 Button Head Flange Bolts and M6 Nyloc Nuts (Items 6 & 7) .

Repeat this for the Front RH and Rear RH Foot Rail.

Place M6 Nut Caps (Item 8) over all Nyloc Nuts.

2.5



NOTE: Do not fit the front slat yet.



Apply a little Anti seize/oil on screw threads before inserting. Note these are thread forming screws.

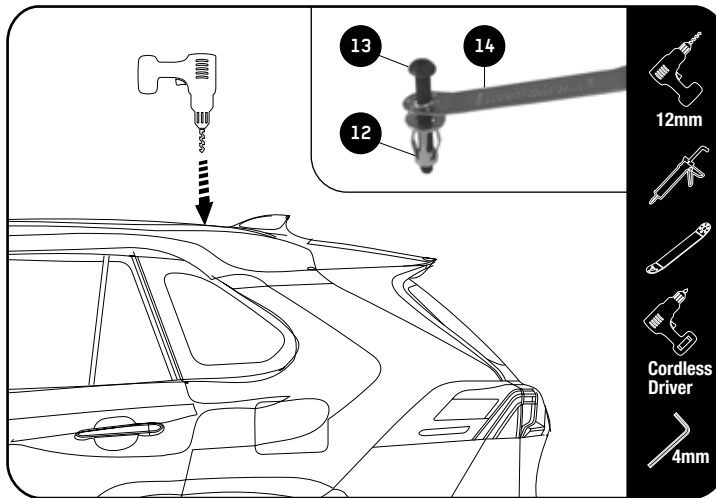


Assemble 8 Slimsport slats (Item 4) to the foot rails using M6 x 25 Thread Forming Screws (Item 5). Starting from the back to the front, do not fit the front Slat yet.



Tightening Torque 8-10Nm / 5.9 ft lb - 7.38 ft lb. Take care when using a cordless driver.

2.6



Open the rear factory hole on the left and right side to suit the Jack nut diameter of 12mm (item 12)

Insert an M6 Button Head Bolt (Item 13) into the one side of the Installer Wrench (Item 14), loosely fit a Jack Nut (Item 12) to the Button Head Bolt as shown.

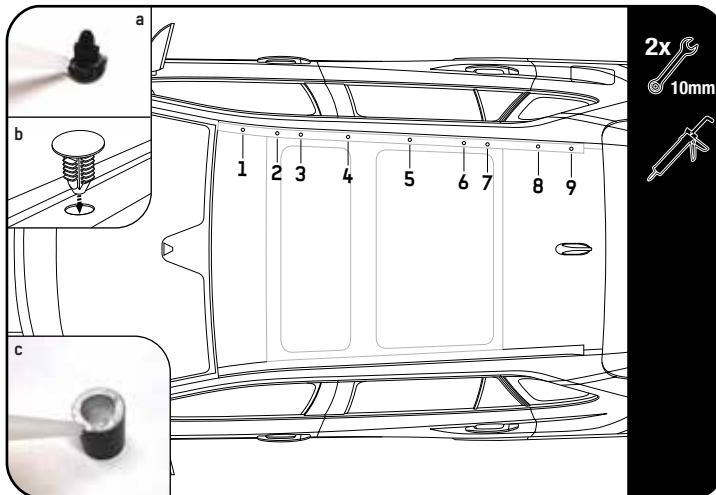
Clean and apply a small bead of clear silicone around the drilled hole and place the Jacknut into the hole.

Using a battery powered driver and a 4mm Allen Key Bit, set the Jack Nut into the hole while holding onto the handle of the Installer Wrench.

Remove the bolt once completed. Repeat this process on both rear holes 1 on the left and 1 on the right side of the vehicle.

Make sure that the Jack Nut has pulled up all the way to the inside skin of the roof panel.

2.7



Seal holes 1, 4, 5 & 8 using the push in rivets (item 15).

Apply a small amount of silicone around the edge of the rivet before inserting into the holes (refer to figure 2.7 a & b. Wipe away any excess silicone.

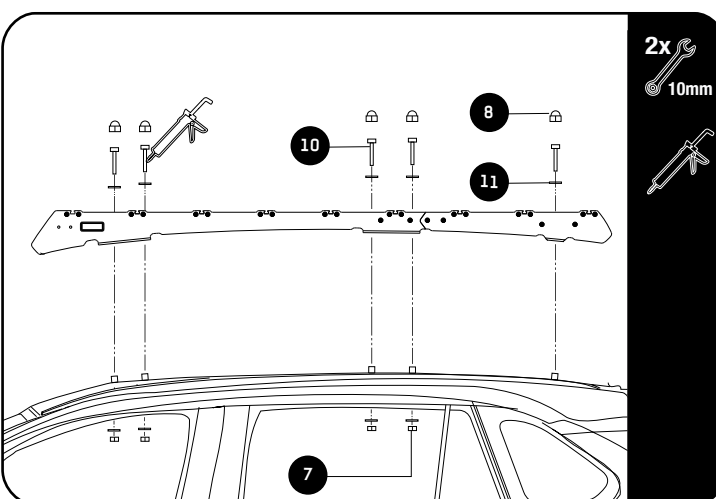
Apply silicone along the edge of the spacers as shown in figure 2.7 c.



Center the spacers (item 9) over holes 2, 3, 6, 7 & 9.

Place some more silicone inside each spacer.

2.8



Position the rack over the roof aligning the mounting holes over the spacers.

With a small bead of silicone on the thread fasten M6x50 Hex Bolts at the rear into the Jack nuts along with the M6x20x2 flat washers and the M6 Nut caps. (item 7, 8, 10 & 11). Do not fully tighten.

Fasten the remaining bolts into the mounting holes.



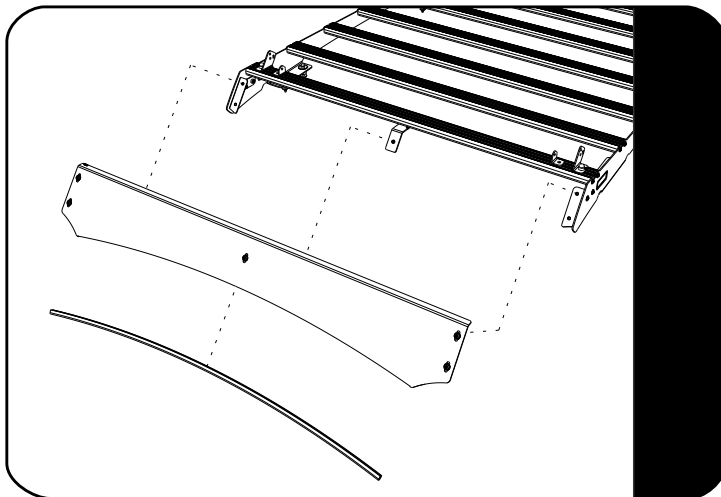
Make sure each bolt has a small bead of clear silicone applied to the thread before fastening.

Align and center the rack on the vehicle. Fully tighten all fasteners.

Re-fit the vehicle's Roof Lining.

2.9.1

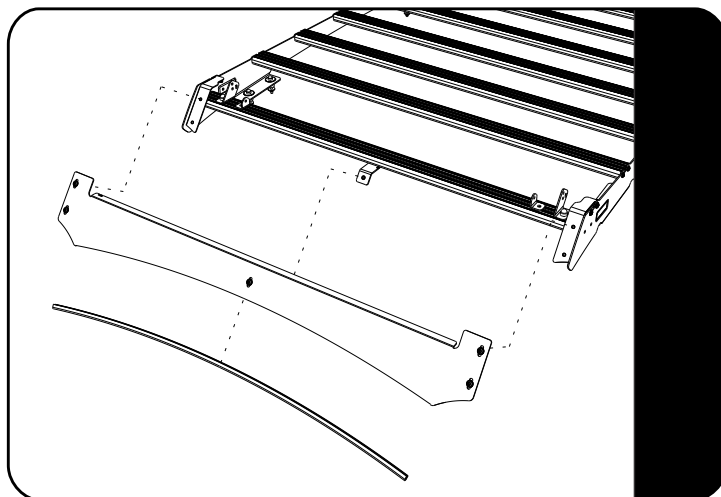
STANDARD WIND FAIRING ASSEMBLY



Refer to fitment guide RRAC238

2.9.2

LIGHT BAR WIND FAIRING ASSEMBLY



Refer to fitment guide RRAC220

3

COMPLETION

3.1

Congratulations! You did it. Take a step back and admire your work!



4





INSTALL OTHER VEHICLE AND RACK ACCESSORIES

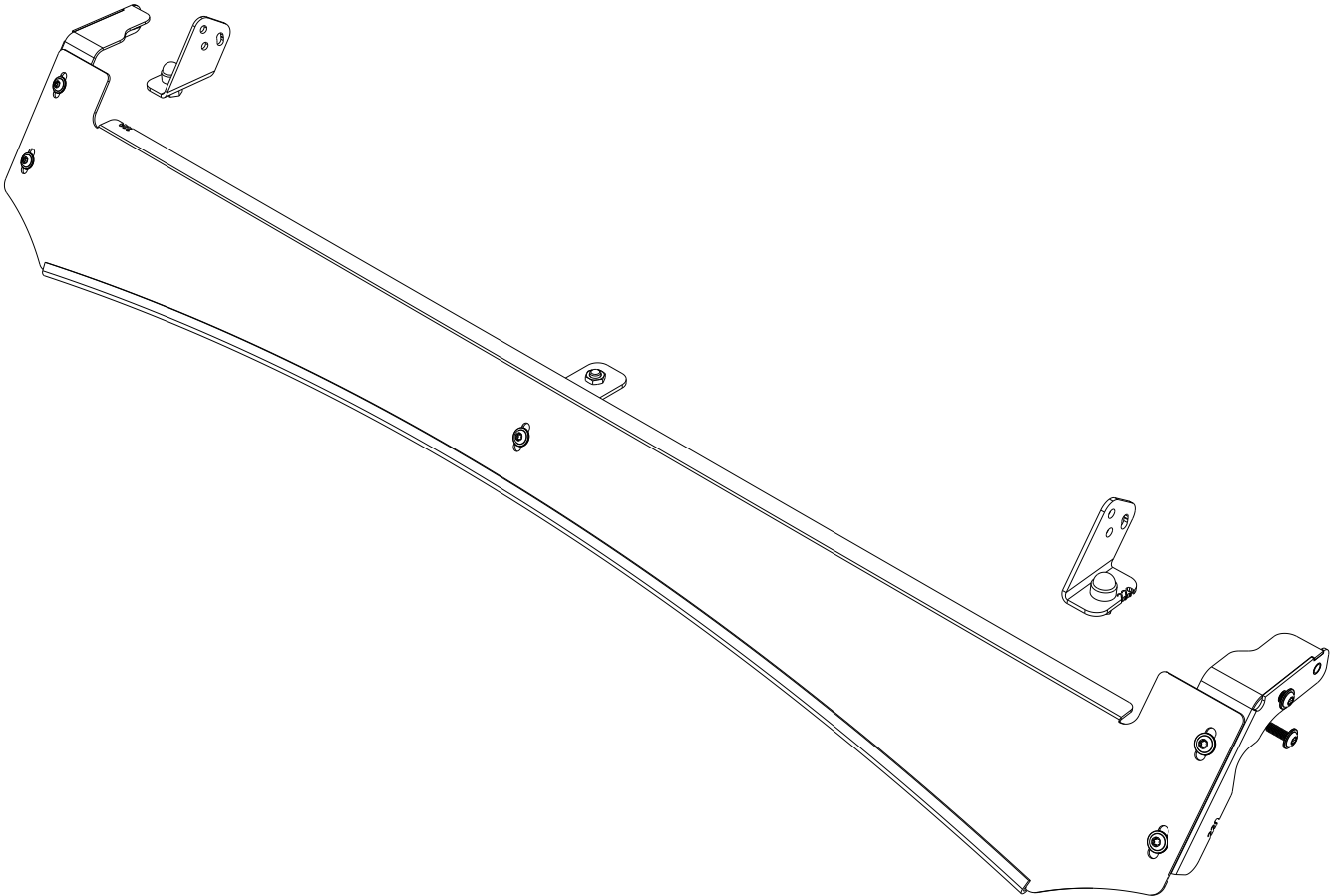
Now's the time to visit your favorite Front Runner dealer in person or online.

IMPORTANT!

FRONT RUNNER RACK KITS OFTEN HAVE A HIGHER LOAD RATING THAN THE VEHICLES THEY ARE MOUNTED TO. PLEASE REFER TO YOUR SPECIFIC VEHICLE MANUFACTURER FOR A RECOMMENDED ROOF RATING. FRONT RUNNER CANNOT BE RESPONSIBLE FOR IMPROPER LOADING BEYOND THE VEHICLE MANUFACTURER'S STATED LOAD CAPACITY.

Be sure to tag us. We love to see our gear in action! #FrontRunnerOutfitters #BornToRoam

Share your adventures on:    



READ ME !

Thank you for purchasing a Front Runner Toyota Rav 4 Slimsport Rack 40" Light Bar Wind Fairing.
Before you start, take a moment to familiarize yourself with the Fitting Instructions and the components received.
Refer to Page 2 for a list of all the components, quantities and tools required.

IMPORTANT WARNING!

IT IS CRITICAL THAT ALL FRONT RUNNER PRODUCTS BE PROPERLY AND SECURELY ASSEMBLED AND ATTACHED TO YOUR VEHICLE. IMPROPER ATTACHMENT COULD RESULT IN AN AUTOMOBILE ACCIDENT, AND COULD CAUSE SERIOUS BODILY INJURY OR DEATH. YOU ARE RESPONSIBLE FOR ASSEMBLING AND SECURING ALL FRONT RUNNER PRODUCTS TO YOUR VEHICLE, CHECKING THE ATTACHMENTS PRIOR TO USE, AND PERIODICALLY INSPECTING THE PRODUCTS FOR ADJUSTMENT, WEAR AND DAMAGE. THEREFORE, YOU MUST READ AND UNDERSTAND ALL OF THE INSTRUCTIONS AND PRECAUTIONS SUPPLIED WITH YOUR FRONT RUNNER PRODUCT PRIOR TO INSTALLATION OR USE. IF YOU DO NOT UNDERSTAND ALL OF 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.

NOTE: Front Runner will not be responsible for any damage caused by the failure to install the product according to these instructions.
Please call us if you have any questions about the installation of this product.

1

GET ORGANIZED

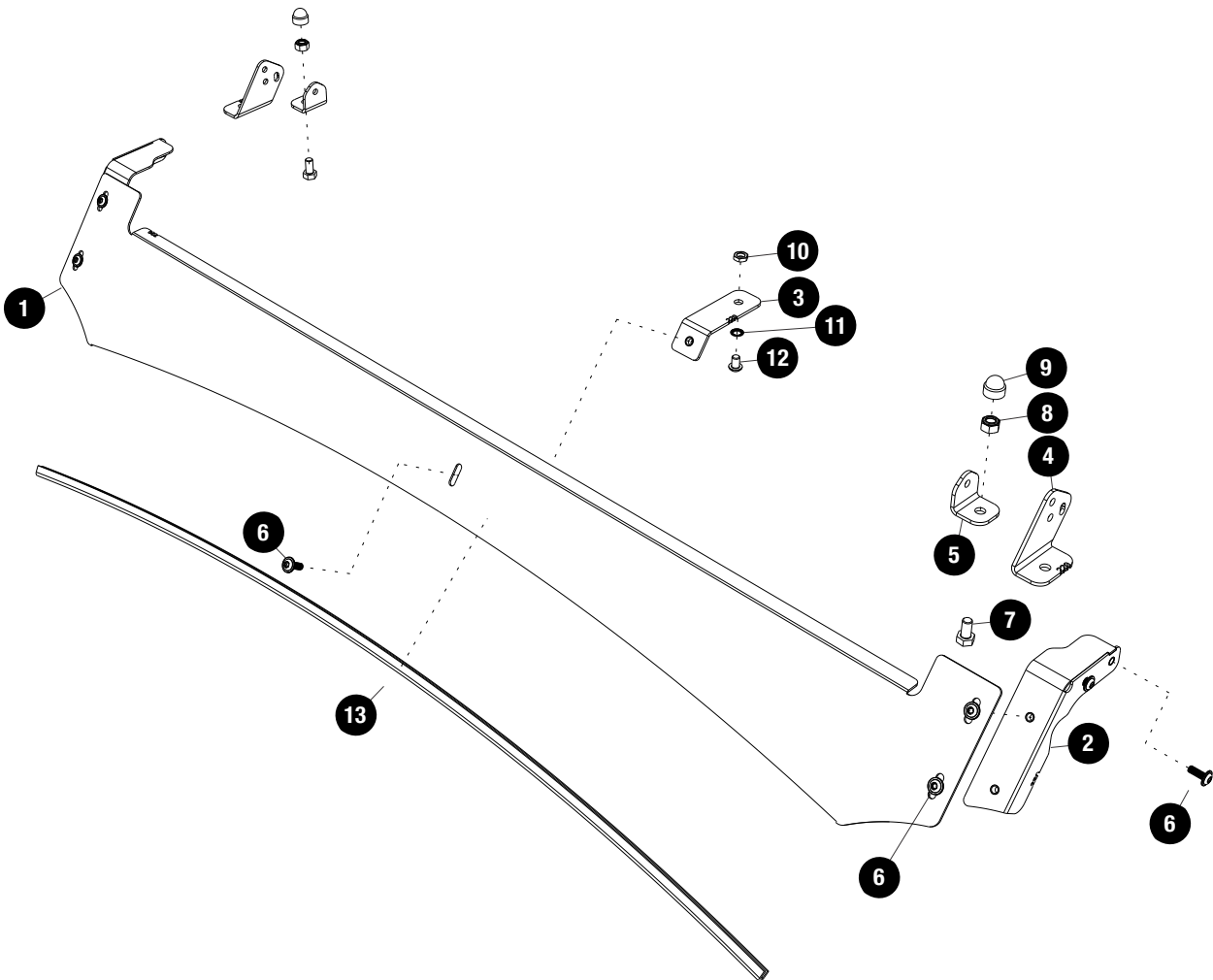
IN THE BOX

1	1 X	Wind Fairing
2	2 X	Wind Fairing Side Support 1LH & 1RH
3	1 X	Wind Fairing Mid Support
4	2 X	Light Bar Bracket 01 1LH & 1RH
5	2 X	Light Bar Bracket 02 1LH & 1RH
6	9 X	M6x16 Flange Button Head
7	2 X	M8 x 16 Hex Head Bolt
8	2 X	M8 Nyloc Nut
9	2 X	M8 Nut Cap
10	1X	M8 Thin Hex Nut
11	1X	M8 Schnorr Washer
12	1X	M8x12 Button Head
13	1 X	Wind Fairing Rubber (1050mm)

TOOLS NEEDED



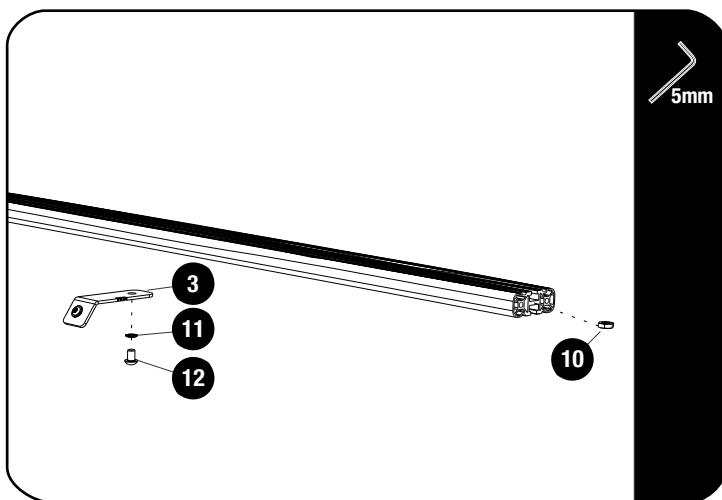
FIGURE 1.1



2

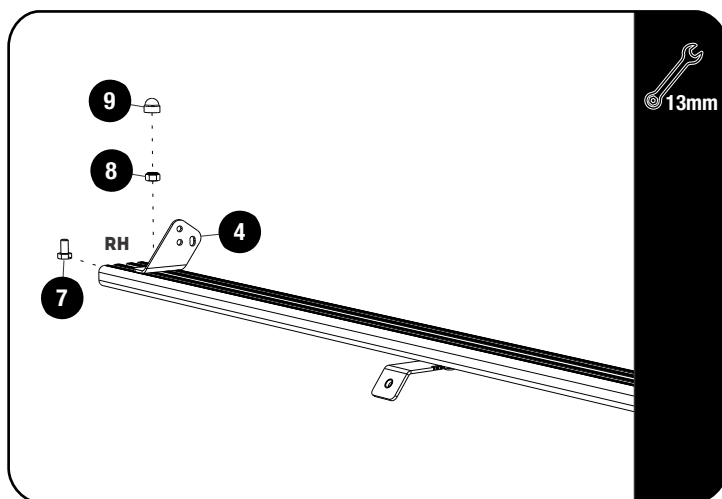
FIT AND SECURE

2.1



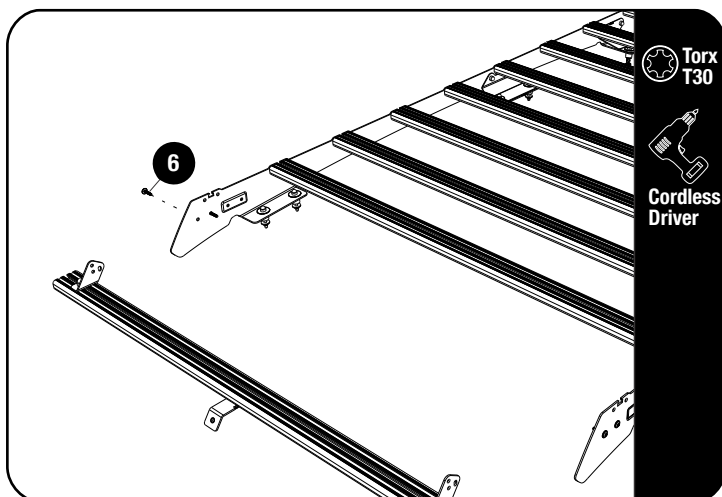
Slide one M8 thin nut (Item 7) into the T-slot of the front slat. Center the mid support bracket in the middle of the slat and secure using a Schnorr washer and an M8x12 Button Head (Items 11 & 12). Fully tighten.

2.2



Fit the Light Bar Bracket 01 LH / RH (Item 4) for the 40" Light Bar, using M8x16 Hex Bolt & M8 Nyloc Nut (Items 7 & 8). Fit the light bar (LIGH211/LIGH213 sold separately) and center it on the slat before fully tightening the brackets.
Place M8 Nut Caps (Item 9) over all Hex Bolts.

2.3



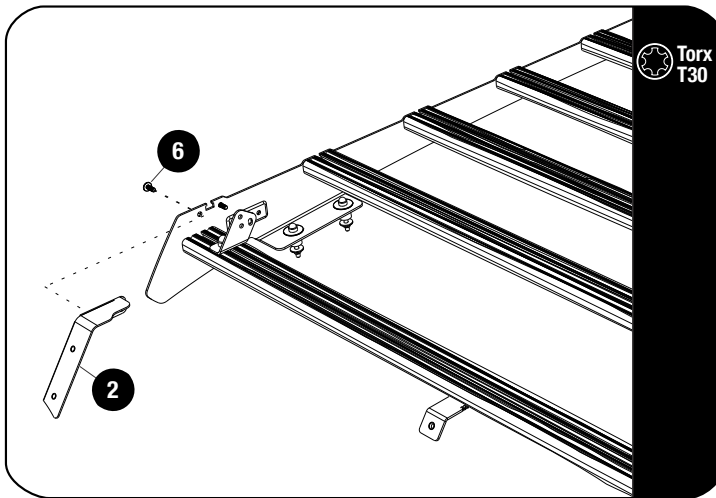
Secure assembly 2.2 to the front lower holes on the foot rails using the fasteners supplied with KSTR001. Shown in 2.3.



**Tightening Torque 8-10Nm /
5.9 ft lb - 7.38 ft lb.**

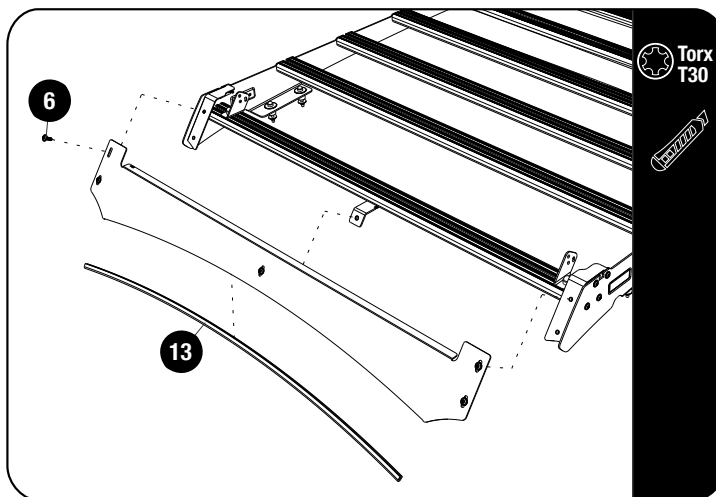
2**FIT AND SECURE**

2.4



Secure the Wind Fairing Side Supports LH / RH (Item 2) to the foot rails top holes as shown using M6x16 Flange Button Heads (Item 6).

2.5



Fit the Wind Fairing Rubber (Item 13) to the Light Bar Wind Fairing (Item 1). Using the notched section as a guide, trim if needed.

Secure the Light Bar Wind Fairing assembly to the rack assembly, using M8x16 Flange Button Heads (Item 6) and fully tighten.

3**FINISH**

Congratulations! You did it. Take a step back and admire your work!

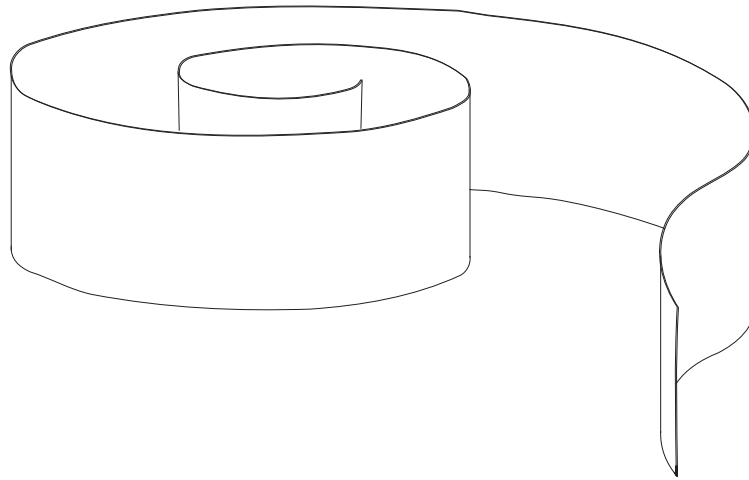
4**INSTALL OTHER VEHICLE AND RACK ACCESSORIES**

Now's the time to visit your favorite Front Runner Dealer in person or online.

Be sure to tag us. We love to see our gear in action! #FrontRunnerOutfitters #BornToRoam

Share your adventures on:



**READ ME !** ⚠

Thank you for purchasing Front Runner Protective strip.

Before you start, take a moment to familiarize yourself with the Fitting Instructions and the components received.

Refer to Page 2 for a list of all the components, quantities and tools required.

IMPORTANT WARNING! ⚠

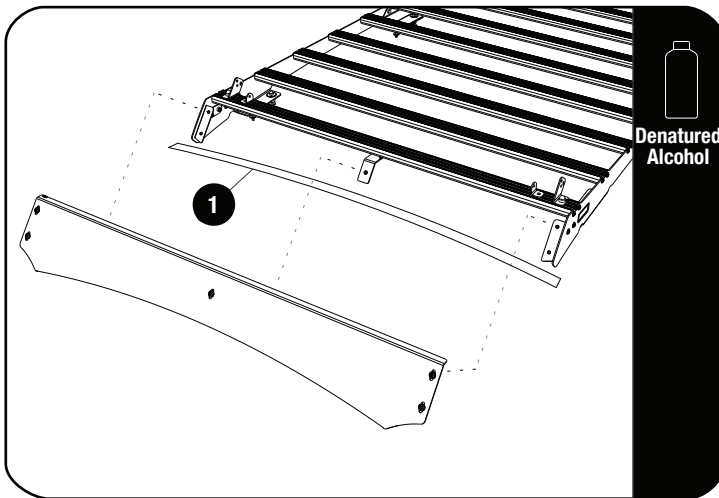
IT IS CRITICAL THAT ALL FRONT RUNNER PRODUCTS BE PROPERLY AND SECURELY ASSEMBLED AND ATTACHED TO YOUR VEHICLE. IMPROPER ATTACHMENT COULD RESULT IN AN AUTOMOBILE ACCIDENT, AND COULD CAUSE SERIOUS BODILY INJURY OR DEATH. YOU ARE RESPONSIBLE FOR ASSEMBLING AND SECURING ALL FRONT RUNNER PRODUCTS TO YOUR VEHICLE, CHECKING THE ATTACHMENTS PRIOR TO USE, AND PERIODICALLY INSPECTING THE PRODUCTS FOR ADJUSTMENT, WEAR AND DAMAGE. THEREFORE, YOU MUST READ AND UNDERSTAND ALL OF THE INSTRUCTIONS AND PRECAUTIONS SUPPLIED WITH YOUR FRONT RUNNER PRODUCT PRIOR TO INSTALLATION OR USE. IF YOU DO NOT UNDERSTAND ALL OF 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.

NOTE: Front Runner will not be responsible for any damage caused by the failure to install the product according to these instructions.

Please call us if you have any questions about the installation of this product.

1 FIT AND SECURE

1.1



Use the Clear Protective Strip (Item 1) to protect the paint work of the vehicle, where the Rubber Trim may make contact with the roof.

Apply Denatured Alcohol to make sure the roof is clean before applying.

Align the protective strip where the wind fairing rubber strip will be touching the roof.

Remove the backing tape and apply the strip. Use a soft, clean cloth to apply pressure.

Refit the Wind Fairing and fully tighten.

3 WIND FAIRING CARE



Clean dust and debris build-up between the Rubber Trim and Clear Protection Strip at regular intervals.

4 FINISH

Congratulations! You did it. Take a step back and admire your work!

5 INSTALL OTHER VEHICLE AND RACK ACCESSORIES

Now's the time to visit your favorite Front Runner Dealer in person or online.

Be sure to tag us. We love to see our gear in action! #FrontRunnerOutfitters #BornToRoam

Share your adventures on:    