

START HERE!

READ ME FIRST

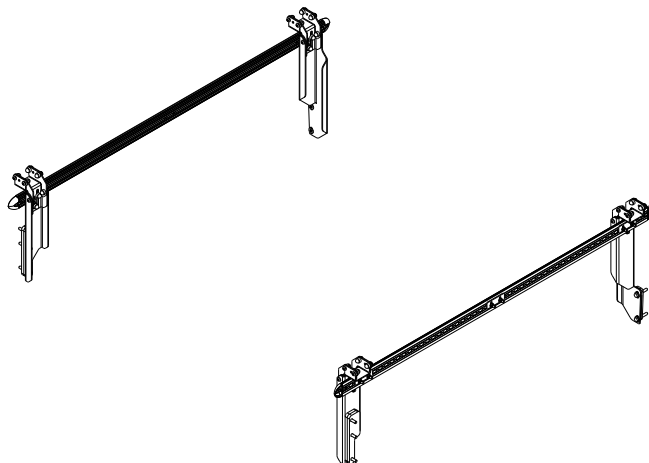
Don't be a hero and muscle through this installation without reading these fitting instructions first! Improper installation of this gear may void certain aspects of your warranty.

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. Front Runner Mounting System specific to your vehicle
2. Front Runner Rack Tray or Load Bar Slats

This document will guide you through the assembly of the Mounting System and assist you in fitting the 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.

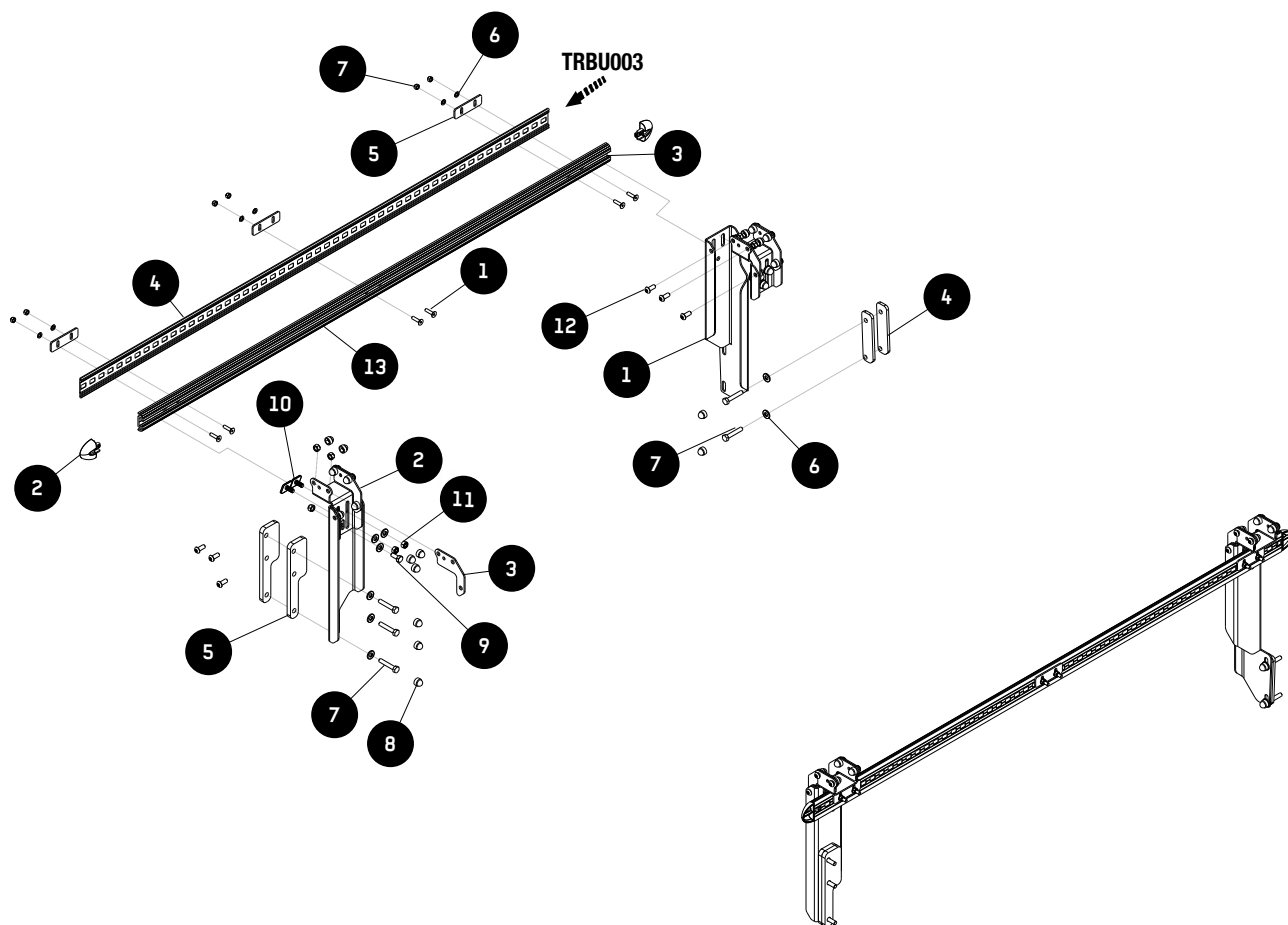
Please call us if you have any questions about the installation of this product.

**1 GET ORGANIZED****IN THE BOX****PBFR001**

1	2 X	FRONT MOUNTING BRACKET LH & RH
2	2 X	REAR MOUNTING BRACKET LH & RH
3	8 X	MOUNTING BRACKET GUSSET
4	4 X	10mm SPACER SMALL
5	4 X	10MM SPACER LARGE
6	22 X	M8 x 19 x 2 FLAT WASHER
7	10 X	M8 X 45 HEX BOLT
8	46 X	M8 NUT CAP
9	4 X	M8 x 20 HEX BOLT
10	8 X	M8 X 20 T BOLT
11	36 X	M8 NYLOC NUT
12	24 X	M8 X 20 BUTTON HEAD SCREW
13	1 X	TRACK MOUNT (TRBU003_001)

IN THE BOX**TRBU003**

1	6 X	M6 x 25 COUNTERSUNK BOLT
2	4 X	END CAP
3	2 X	LOAD BED TRACKS
4	2 X	TRACK RUBBER
5	6 X	CLAMPING PLATE
6	12 X	M6 X 12 X 1 FLAT WASHER
7	12 X	M6 NYLOC NUT

TOOLS NEEDED



1

GET ORGANIZED

IN THE BOX

PBRA001

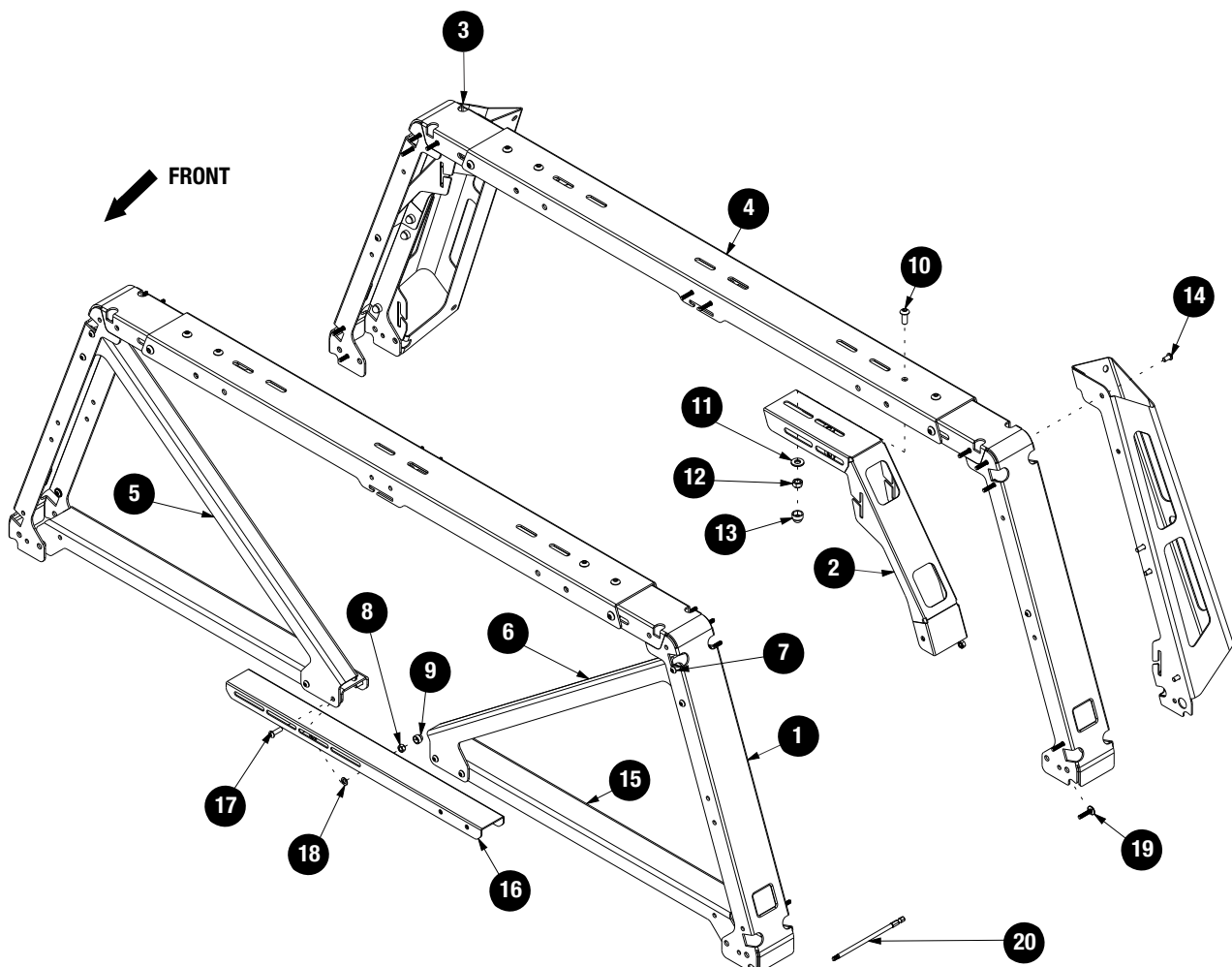
1	4 X	PRO BED RACK LEG
2	2 X	PRO BED RACK REAR BRACE
3	2 X	PRO BED RACK RH REAR WING BRACKET
4	2 X	PRO BED RACK TOP TRUSS
5	1 X	PRO BED RACK RH FRONT DIAGONAL BRACE
6	1 X	PRO BED RACK LH FRONT DIAGONAL BRACE
7	12 X	M6 x 16 BUTTON HEAD SCREW
8	22 X	M6 NYLOC NUT
9	22 X	M6 NUT CAP
10	16 X	M8 x 20 BUTTON HEAD SCREW
11	16 X	M8 x 19 x 2 FLAT WASHER
12	16 X	M8 NYLOC NUT
13	16 X	M8 NUT CAP

IN THE BOX

PBRA001

14	6 X	M6 x 12 BUTTON HEAD SCREW
15	2 X	FRONT HORIZONTAL BRACE
16	1 X	FRONT CENTER BRACE
17	4 X	M6 x 20 BUTTON HEAD SCREW
18	8 X	M6 x 12 x 1 FLAT WASHER
19	24 X	M6 x 25 THREAD FORMING SCREW
20	1 X	T30 6" TORX BIT

TOOLS NEEDED





1

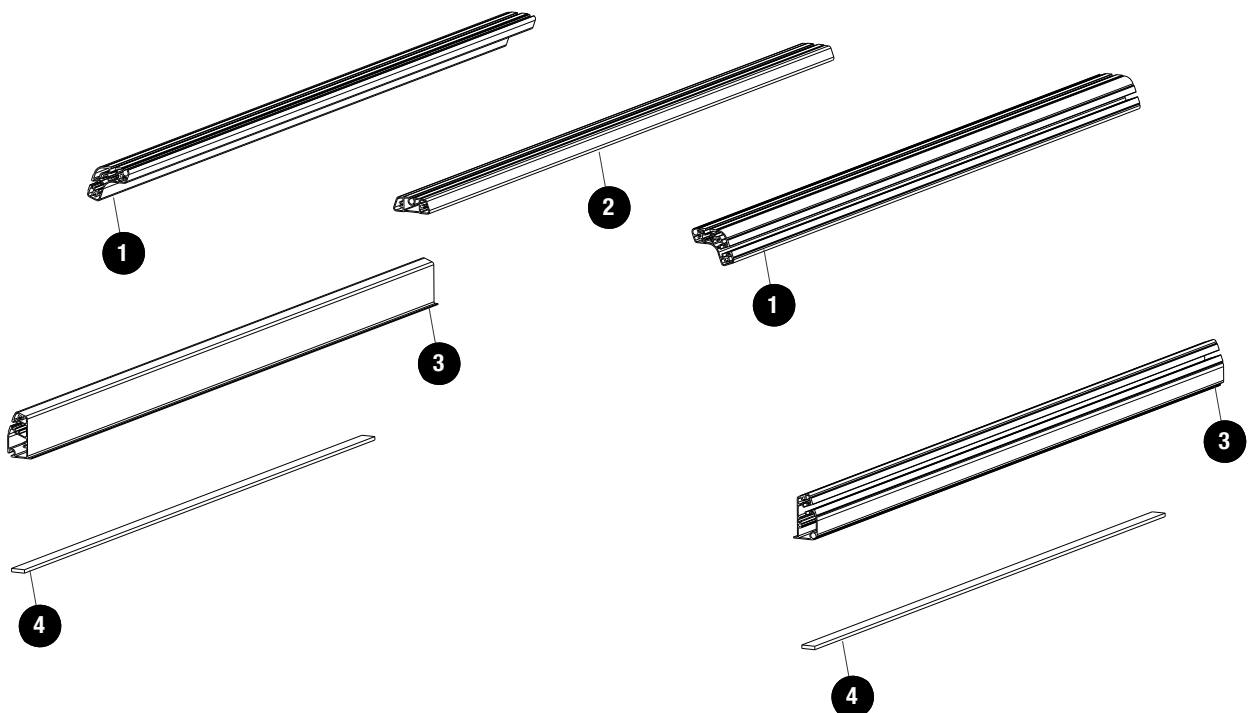
GET ORGANIZED

IN THE BOX

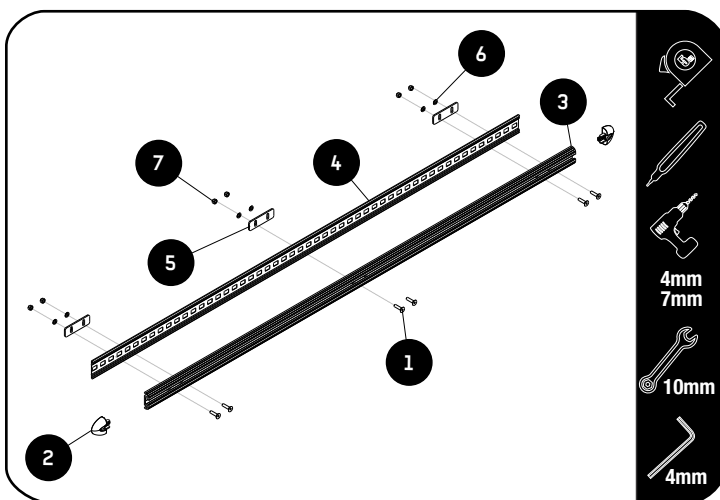
PBAL_1450

1	2 X	TOP EXTRUSION
2	1 X	TOP MIDDLE EXTRUSION
3	2 X	BOTTOM EXTRUSION
4	2 X	1450mm PSA STRIP PE60

TOOLS NEEDED



2.1



Measure the length of the load bin, use a marking pen to mark the mid point. Make another two markings 20mm either side of your center marking.

Position the track (Item 3) against the side of the load bin lining up the two center holes with the markings made. Ensure the track is sitting flush with the top of the load bin. Mark the position of the remaining 4 holes. Do this on both sides. Remove the track and fit the Track Rubber (Item 4).

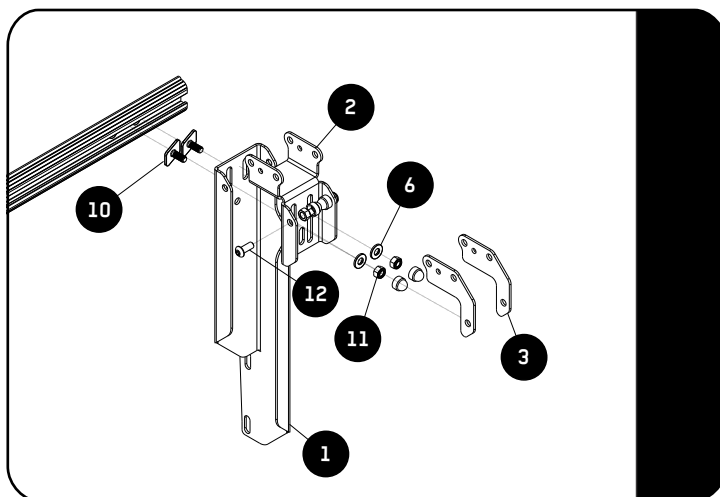
Use a 4mm drill bit and drill the 12 pilot holes then open the holes to 7mm. Refit the Track using the Clamping Plate (Item 5) together with the M6x25 Countersunk Bolt, M6 Nyloc Nut and M6x12x1 Flat Washer (Item 1, 6 & 7) and fully tighten.



Tightening Torque:

M6 : 8-10Nm / 5.9 ft lb - 7.38 ft lb

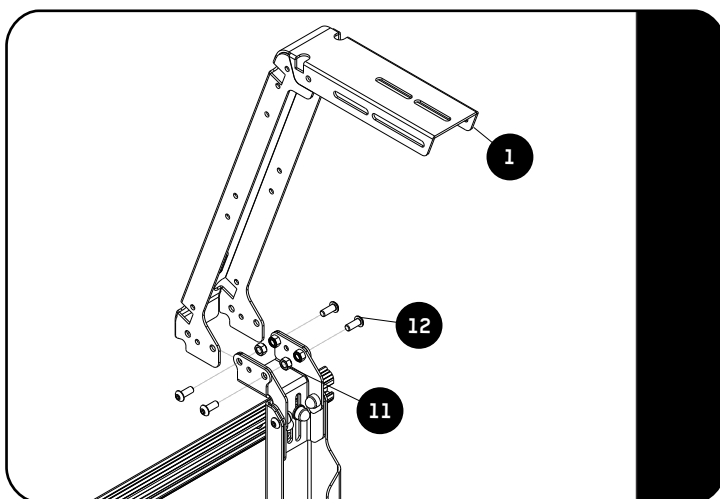
2.2



Slide the M8 X 20 T-Bolt (Item 10) in to the Track as shown. Loosely fit the Front Mounting Bracket (Item 1) together with the Top bracket (Item 2) using the M8x19x2 Flat Washer and M8 Nyloc Nut (Item 6 & 11). DO NOT TIGHTEN.

Loosely fit the Gusset (Item 3) to the mounting brackets using the M8x20 Button Head Bolt and M8 Nyloc Nut (Item 12 & 6). DO NOT TIGHTEN. Do this on both sides.

2.3

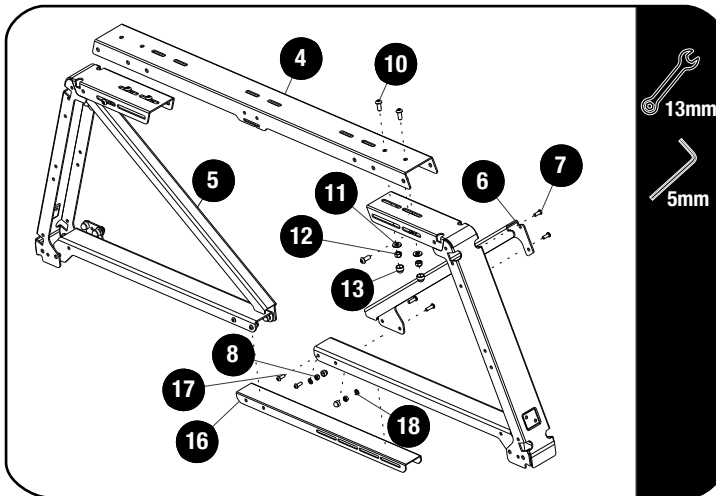


Assemble the Pro Bed Leg (Item 1) as shown on page 3 and the Front Mounting Bracket (Item 11) using M8 x 20 Button Head bolts and M8 Nyloc Nuts (Item 11 & 12) as shown.

Do this on the Both sides

DO NOT TIGHTEN.

2.4



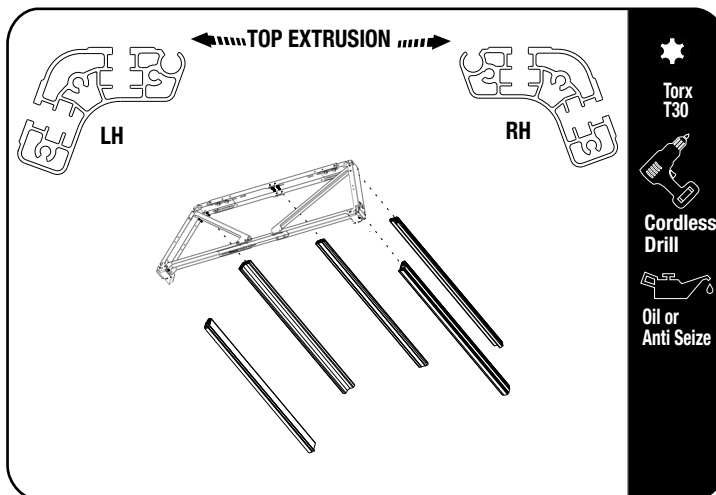
Assemble the Front Diagonal and Horizontal Brace parts as shown (Item 4, 5 & 6) to the legs fitted in 2.2 using the 8 x M8 x 20 Button Head Bolts, 8 x M8 x 19 x 2 Flat Washer and 8 x M8 Nyloc Nuts (Item 10, 11 & 12).

DO NOT FULLY TIGHTEN.

Use the 12 x M6 x 20 Button Head Bolts, 12 x M6 x 12 x 1 Flat Washer and 12 x M6 Nyloc Nut (Item 8, 17 & 18) to fit the Front Center Brace to the LH and RH Front Horizontal Braces (Item 16).

DO NOT FULLY TIGHTEN.

2.5



Slide the front leg and truss assembly backward to allow access for securing the extrusions.



Take note of extrusion orientation!

Using the supplied 6" T30 torx bit and a cordless driver assemble the extrusion using the M6x25 Thread Forming Screws (Item 19). Use a slow and constant speed when using the cordless driver.



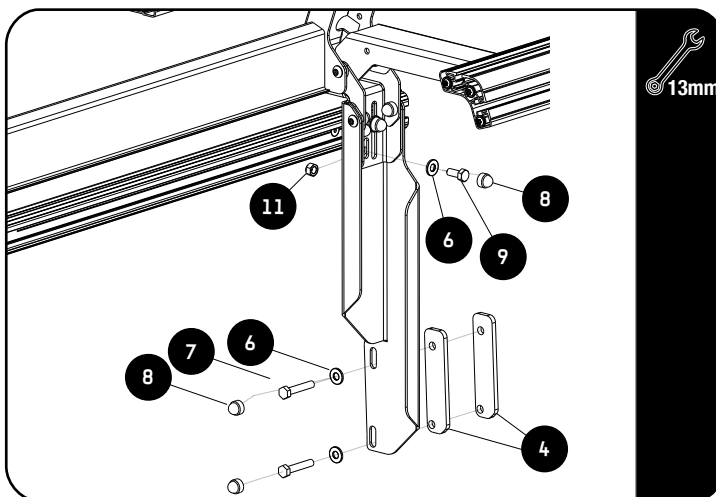
Use a little anti seize or oil on screw threads before inserting. Note these are Thread Forming Screws.



Tightening Torque:

M6 : 8-10Nm / 5.9 ft lb - 7.38 ft lb

2.6



With the help of a friend, lift the Pro bed Rack on to the load bin and loosely fit the M8 x 45 and M8 x 19 x 2 Flat Washer into the OEM mounting points together with the 10mm large spacer (Item 7, 6 & 4). **DO NOT FULLY TIGHTEN.**

Insert the M8 x 20 Hex Bolt and M8 x 19 x 2 Flat Washer into the top hole in the bracket and place the M8 Nyloc Nut (Item 11) behind the lip of the load bin. Do this on both sides.

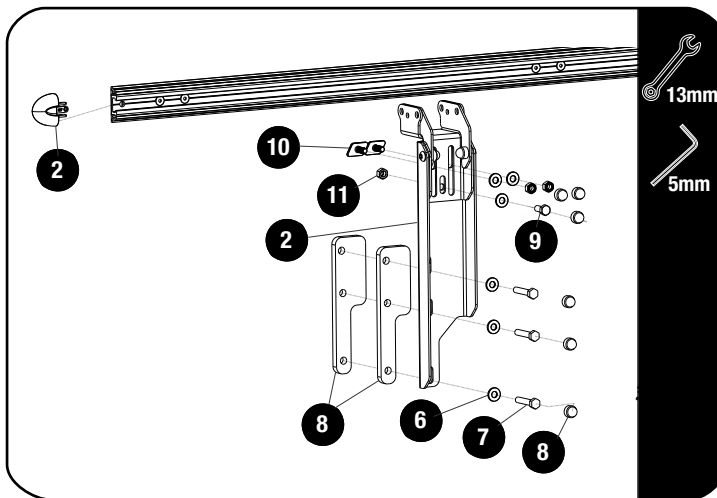
Fully Tighten all the M8 Hex Bolts.



Tightening Torque:

M8 : 15-20Nm / 11.06 ft lb - 14.75 ft lb

2.7

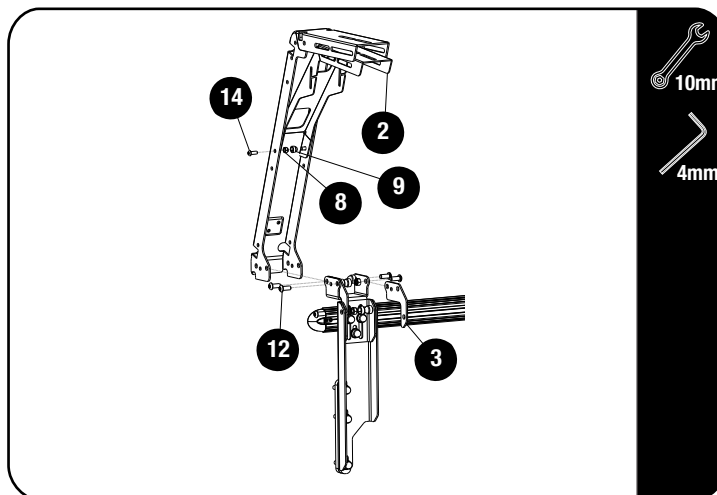


Loosely assemble the Rear Mount Brackets (Item 2) using the M8x45 Hex Bolt and M8 x 19 x 2 Flat Washer (Item 6 & 7) in the bottom 3 holes in the bracket. **DO NOT TIGHTEN.**

Insert the M8 x 20 Hex Bolt and M8 x 19 x 2 Flat Washer into the top hole in the bracket and place the M8 x 19 x 2 Flat Washer and M8 Nyloc Nut to secure in place. Do this on both sides.

Fit the End Cap (Item 2) to the Track.

2.8



Fit the Rear Brace (Item 2) using the M6x12 Button Head Bolts and M6 Nyloc Nuts (Item 14 & 8).

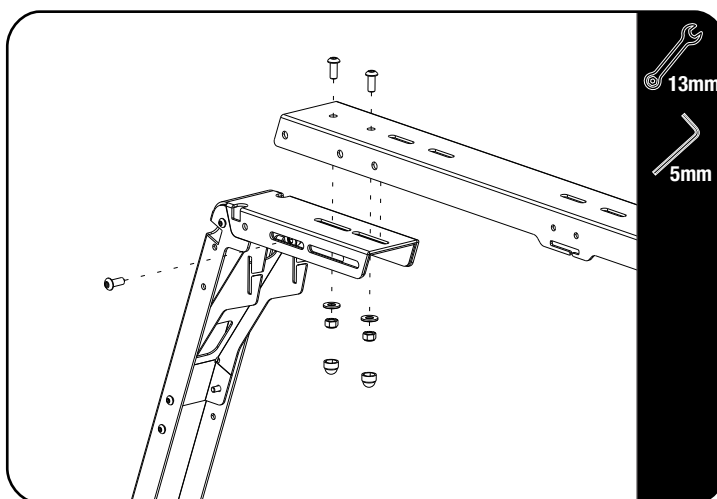
Fully tighten and place M6 Nut caps (Item 9) on the M6 Nyloc Nuts.

Assemble the Pro Bed Leg (Item 1) as shown on page 3 and the Front Mounting Bracket (Item 1) to using M8 x 20 Button Head Bolts and M8 Nyloc Nuts (Item 11 & 12) as shown.

Do this on the Both sides

DO NOT TIGHTEN.

2.9



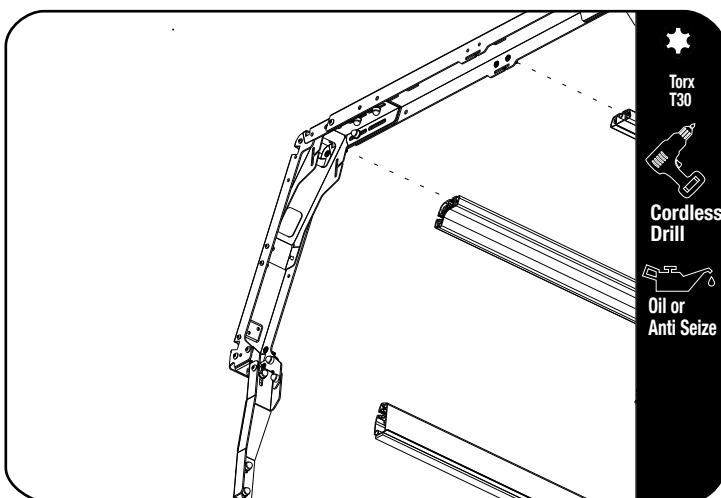
Loosely assemble the rear top truss using the M8x20 Button Head Bolts, M8x19x2 Flat Washer and M8 Nyloc Nuts (Item 10, 11 & 12). Fully tighten the M8 Button Head Bolts and place M8 Nut Caps on the M8 Nyloc Nuts (Item 13).



Tightening Torque:

M8 : 15-20Nm / 11.06 ft lb - 14.75 ft lb

2.10



Pull the front leg / truss / extrusion assembly toward the rear legs. Attach the rear leg assembly to the Extrusions using the M6x25 Thread Forming Screws (Item 19) and a cordless driver. The front assembly will be pulled back into its final position while fully tightening these screws.



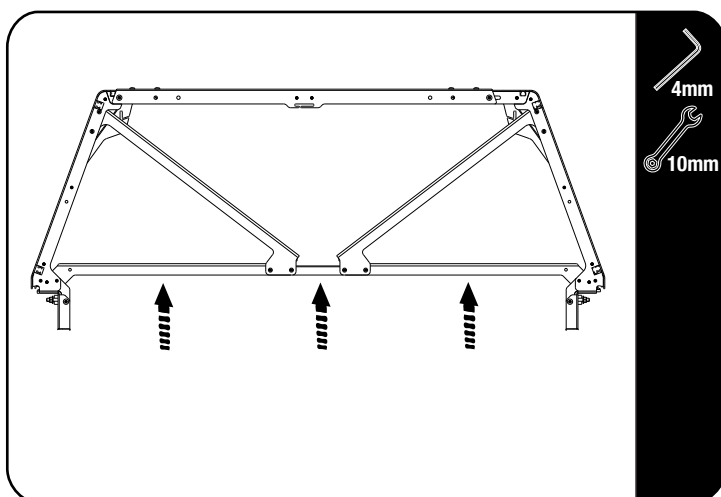
Use a little anti seize or oil on screw threads before inserting. Note these are Thread Forming Screws.



Tightening Torque:

M6 : 8-10Nm / 5.9 ft lb - 7.38 ft lb

2.11



Using clamps and a spirit level, clamp the spirit level to the inside of the Front Center Brace and tighten the M6x20 Button Head Bolts and M6 Nyloc Nuts as fitted in 2.3.

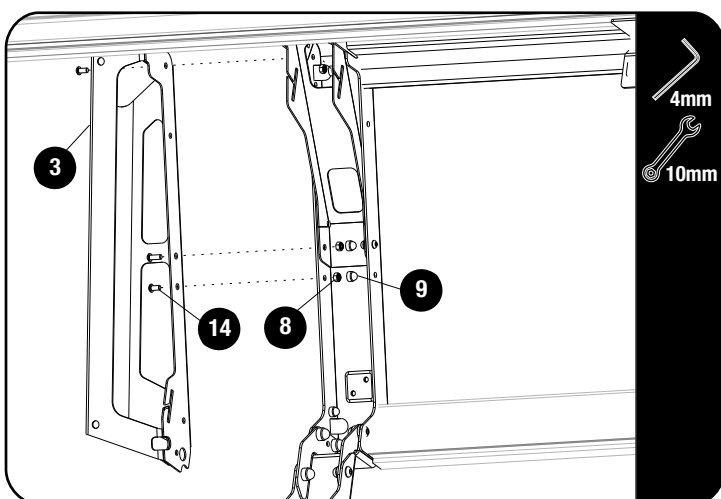
Place M6 Nut Caps on the M6 Nyloc Nuts.



Tightening Torque:

M6 : 8-10Nm / 5.9 ft lb - 7.38 ft lb

2.12



Assemble the Rear Wing Brackets (Item 3) using the M6x12 Button Head Bolts and M6 Nyloc Nuts (Item 14 & 8).

Fully Tighten the fasteners.

Place the M6 Nut caps (Item 9) over the Nyloc Nuts.



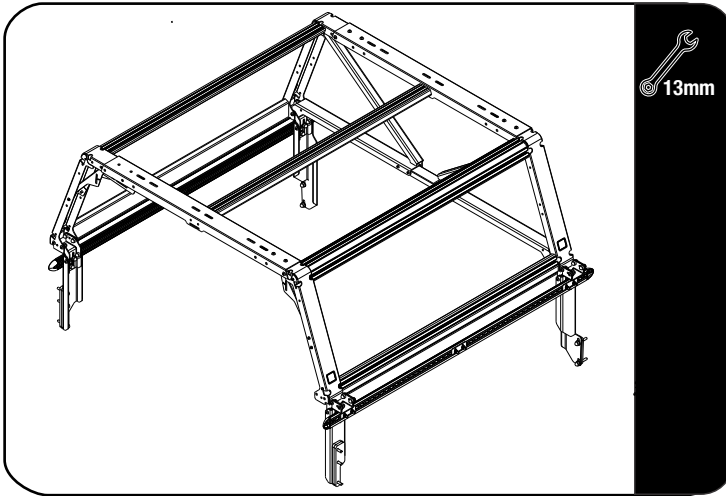
Tightening Torque:

M6 : 8-10Nm / 5.9 ft lb - 7.38 ft lb

2

FIT AND SECURE

2.13



Fully tighten all the bolts and nuts and place nut caps where needed.

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:

