

START HERE!

READ ME FIRST

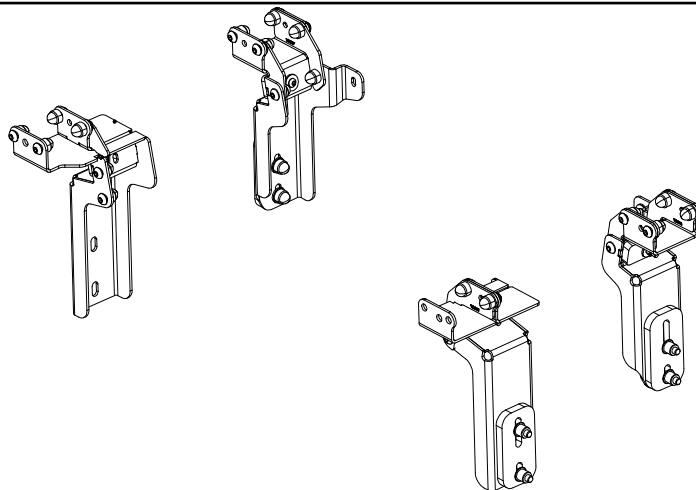
Don't be a hero and muscle through this installation without reading these fitting instructions first! Improper installation of this gear may void certain aspects of your warranty.

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****PBVA001**

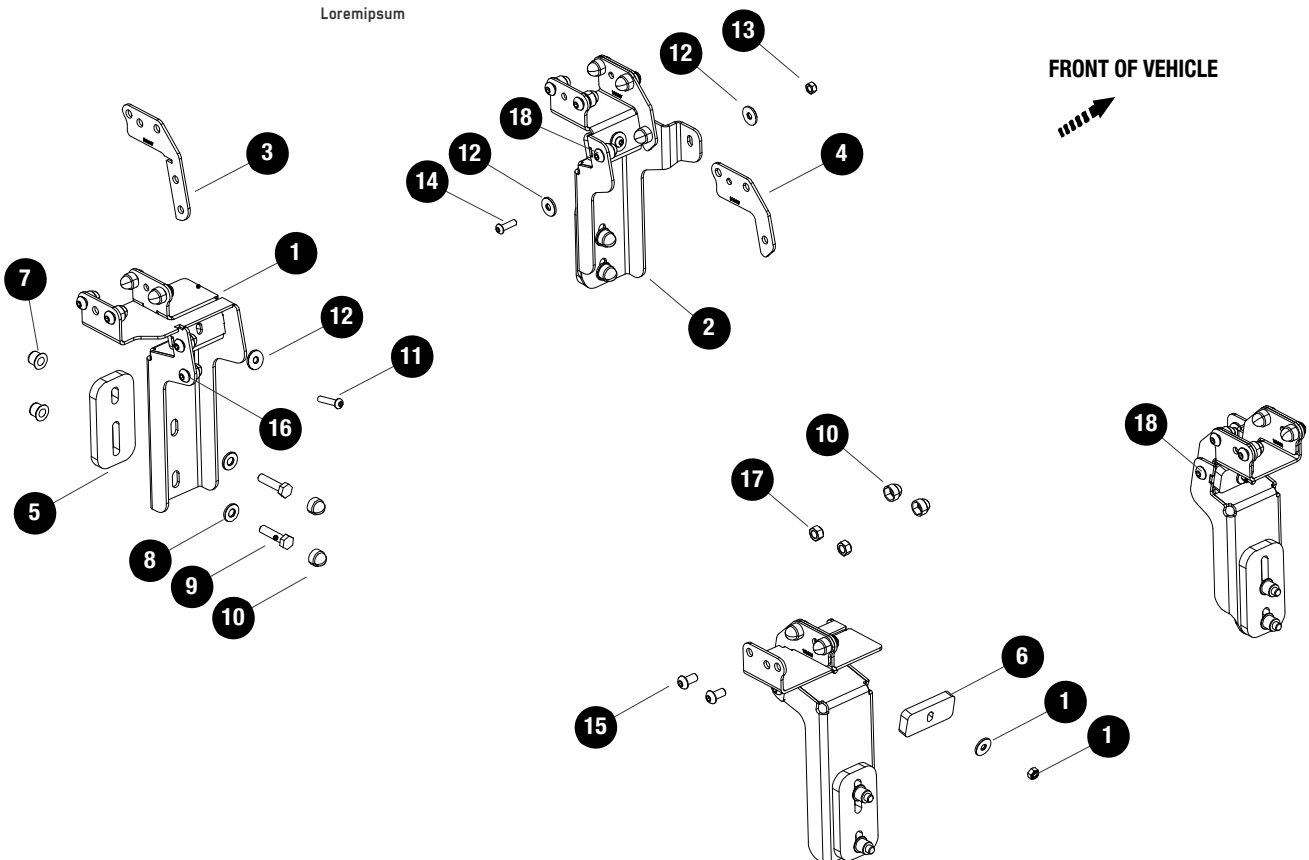
1	2 X	Rear Mounting Bracket - 1LH & 1RH
2	2 X	Front Mounting Bracket - 1LH & 1RH
3	2 X	Rear Gusset
4	4 X	Front Gusset
5	4 X	Bottom Spacer
6	4 X	Top Spacer
7	8 X	M8 Clinch Nut - Large Flange
8	8 X	M8 x 19 x 2 Flat Washer
9	8 X	M8 x 35 Hex Bolt
10	32 X	M8 Nut Cap
11	4 X	M6 x 30 Button Head Bolt
12	12 X	M6 x 20 x 2 Flat Washer
13	6 X	M6 Nyloc Nut
14	2 X	M6 x 20 Button Head Bolt

IN THE BOX**PBVA001**

15	12 X	M8 x 20 Button Head Bolt
16	12 X	M8 x 16 Button Head Bolt
17	24 X	M8 Nyloc Nut
18	4 X	M8 x 25 Button Head Bolt

TOOLS NEEDED**FIGURE 1.1**

Lorem ipsum

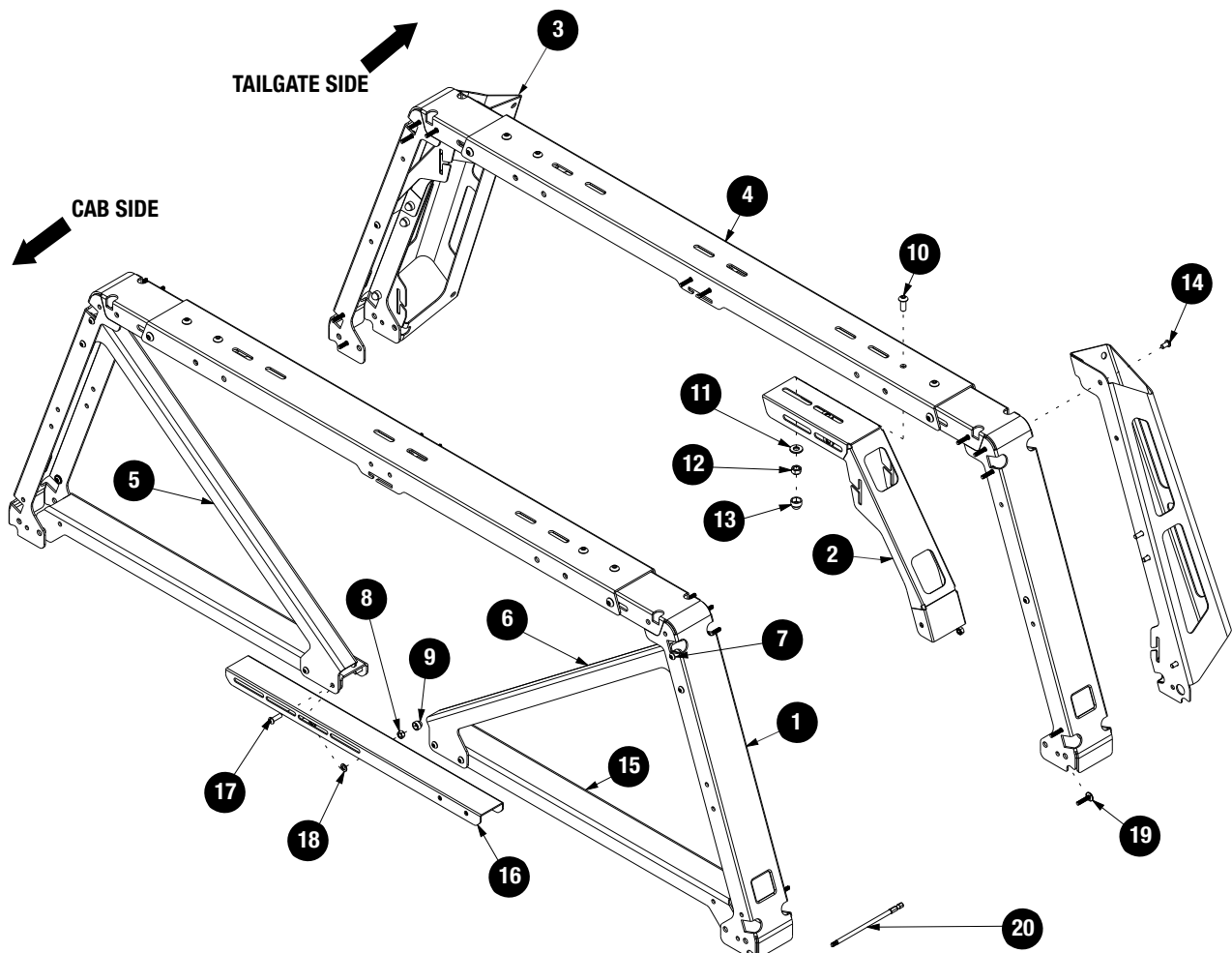
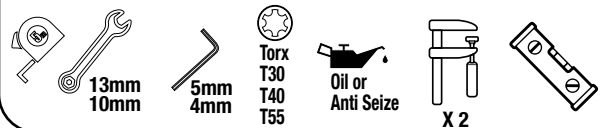
FRONT OF VEHICLE

**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

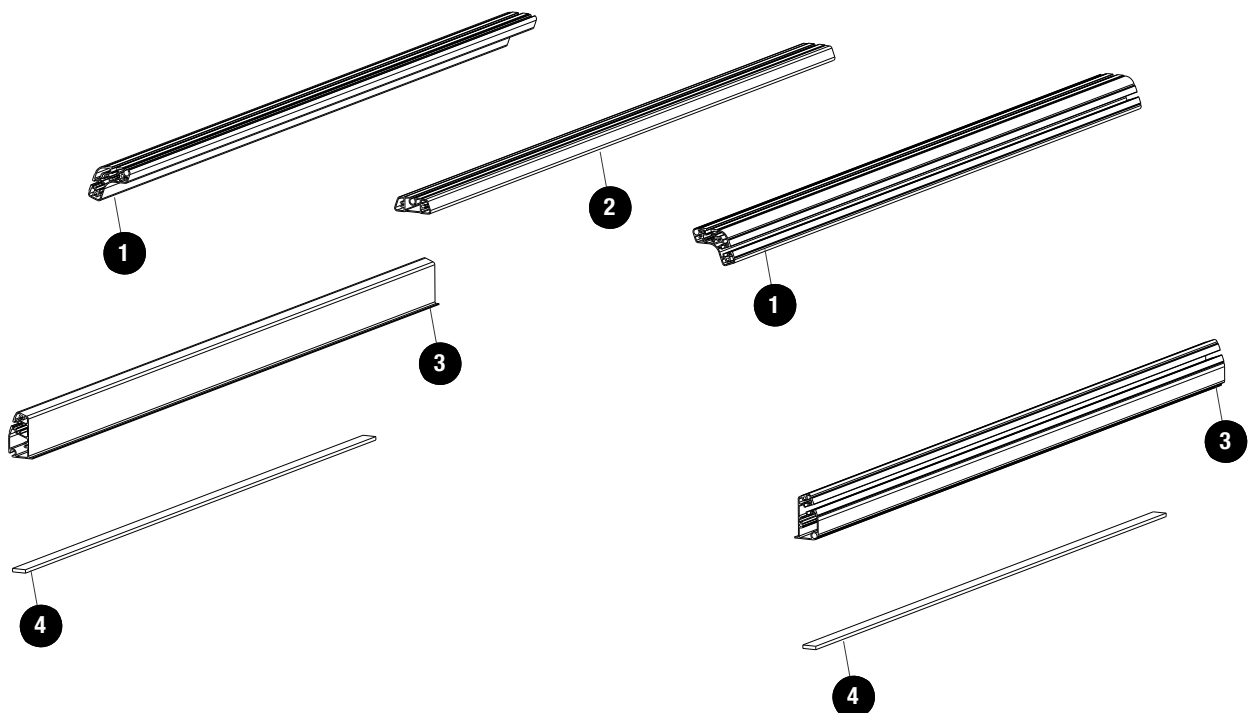
GET ORGANIZED

IN THE BOX

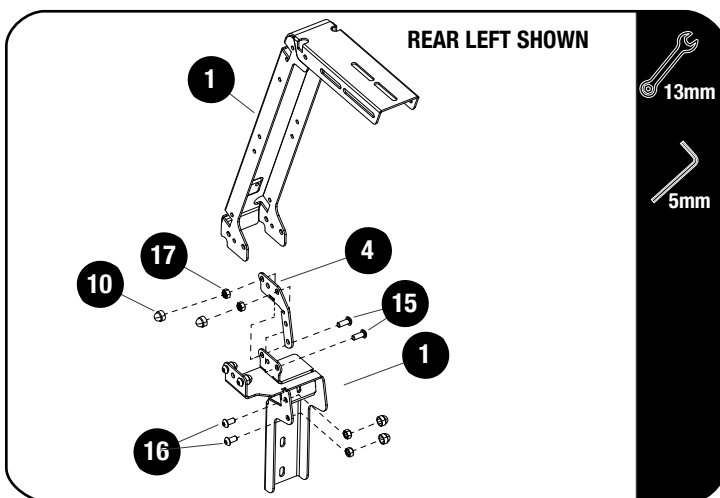
PBAL_1755

1	2 X	TOP EXTRUSION
2	1 X	TOP MIDDLE EXTRUSION
3	2 X	BOTTOM EXTRUSION
4	2 X	Foam Rubber 1250mm PSA STRIP PE60

TOOLS NEEDED



2.1



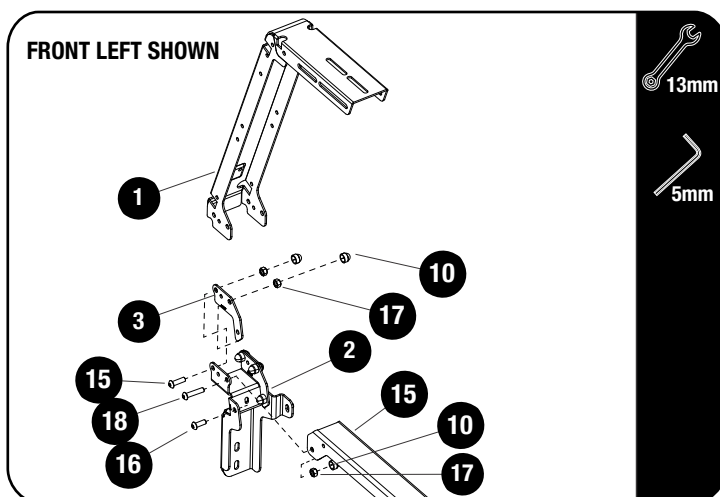
Assemble the Pro Bed Leg (Item 1) to the Rear Mounting Bracket (Item 1) together with the Rear Mounting Bracket Support (Item 4) using M8 x 20 Button Head Bolts and M8 Nyloc Nuts (Items 15 & 17).

Fit the M8 x 16 Button Head Bolts and M8 Nyloc Nuts (Item 16 & 17) as shown.

Fully Tighten and place M8 Nut Caps (Item 10) on all Nyloc Nuts.

DO THIS WITH BOTH LH AND RH SIDE PRO BED LEGS.

2.2



Assemble the Pro Bed Leg, Front Mounting Bracket, Front Mounting Bracket Supports and the Front Horizontal Brace (Item 1, 2, 3 & 15), as shown in Step 2.2, using M8 x 20 Button Head Bolts and M8 Nyloc Nuts (Items 15 & 17) - note the hole as shown - and M8 x 25 Button Head Bolts and M8 Nyloc Nuts (Items 17 & 18).

Fit the M8 x 16 Button Head Bolts and M8 Nyloc Nuts (Item 16 & 17) as shown.

Fully tighten and place M8 Nut Caps (Item 10) on all Nyloc Nuts.

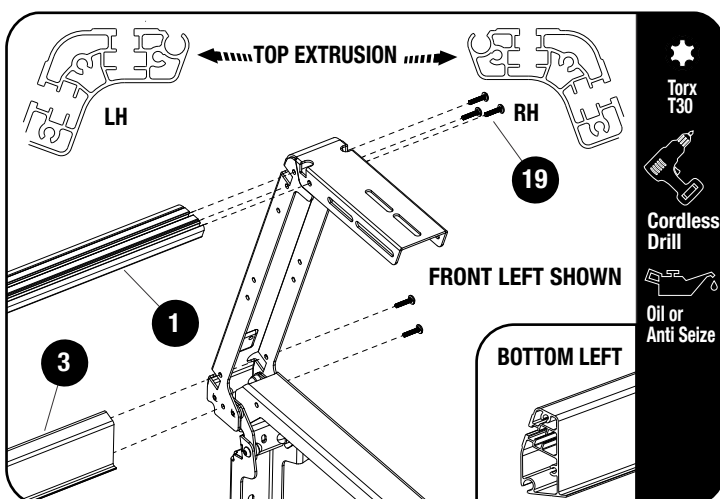
DO THIS WITH BOTH THE FRONT LH AND RH SIDE PRO BED LEGS/MOUNTS.



Tightening Torque:

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

2.3



Take note of extrusion orientation !



Using the supplied T30 6" torx bit and a cordless driver assemble the side top and bottom extrusions (Items 1 & 3) to the front and rear legs assembled in steps 2.1 and 2.2, using the M6 x 25 Thread Forming Screws (Item 19). Use a slow and constant speed when using the cordless driver.

ASSEMBLE THE TOP & BOTTOM EXTRUSION ON BOTH THE FRONT LH & RH PRO BED LEGS.



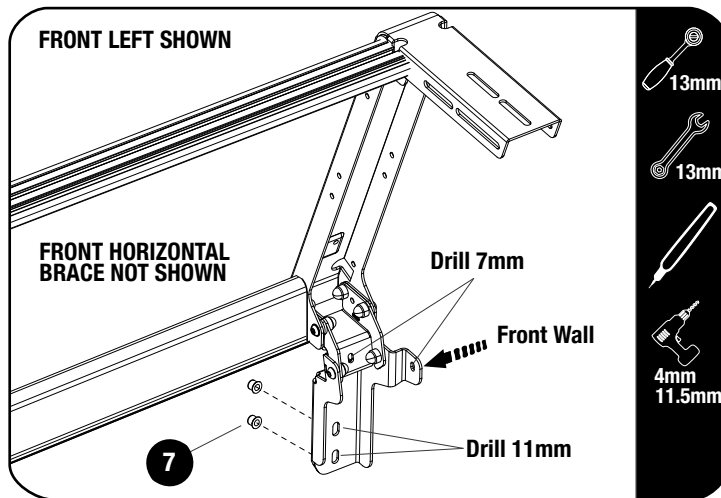
Use a little anti seize or oil on screw threads before inserting. Note these are Thread Forming Screws.



Tightening Torque:

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

2.4



Place the assemblies from STEP 2.3 on the load bed top ledge (LH Shown) and push up against the bed front wall.

Have a friend assist to hold the assembly in place while you mark the front 4 mounting holes and 3 rear mounting holes. See 2.5.

Ensure top is horizontal before marking. Do this on both the LH & RH side.

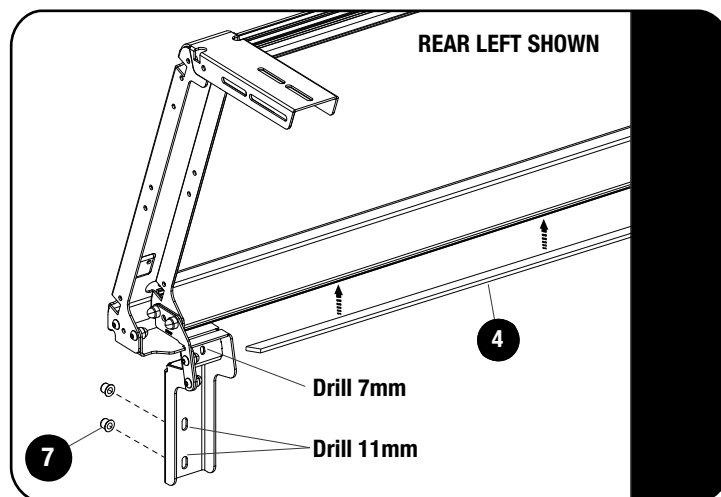
Remove the assemblies and use a 4mm drill bit to drill a pilot hole before opening the top holes to 7mm and the bottom holes to 11mm. Apply anti rust to all holes drilled.

Set 4 M8 Clinch Nuts (Item 7) per side in the holes drilled 11mm.



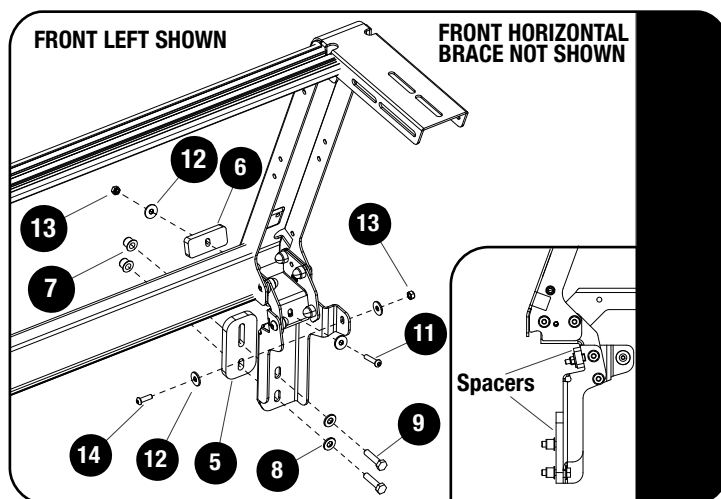
Check YouTube for assistance in setting a clinch nut.

2.5



Apply the Foam Rubber (Item 4) to the underside of both left and right Bottom Extrusion before fitting the assemblies to the vehicle.

2.6



Place the assemblies from STEP 2.3 back onto the load bed top ledge (LH Shown).

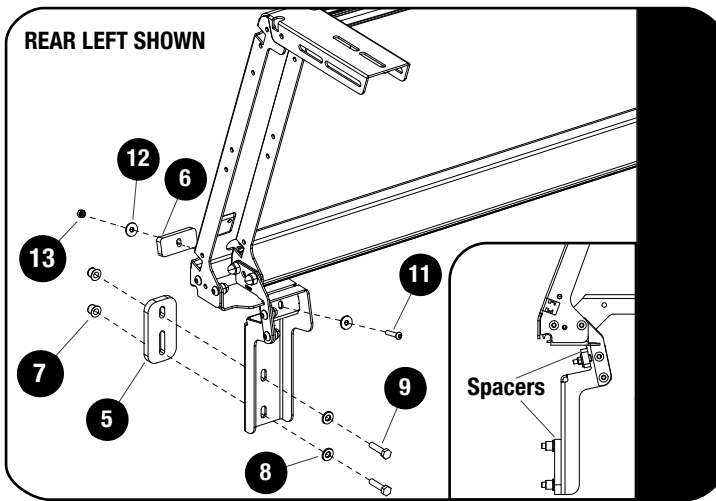
Have a friend assist to hold the assembly in place while you secure it in place.

Secure the assembly to the front wall using M6 x 20 Button Head Bolts, M6 x 20 x 2 Flat Washers and M6 Nyloc Nuts (Items 12, 13 & 14) as shown.

Place the Top Spacer (Item 6) between the inside lip of the top ledge and the Front mounting bracket before loosely securing it using M6 x 30 Button Head Bolts, M6 x 20 x 2 Flat Washers and M6 Nyloc Nuts (Items 11, 12 & 13).

Place the Bottom Spacer (Item 5) between the inside of the load bin and the Front mounting bracket before loosely securing it using M8 x 35 Hex Head Bolts and M8 Flat Washers (Items 8 & 9) and the Clinch Nuts inserted in 2.4.

2.7

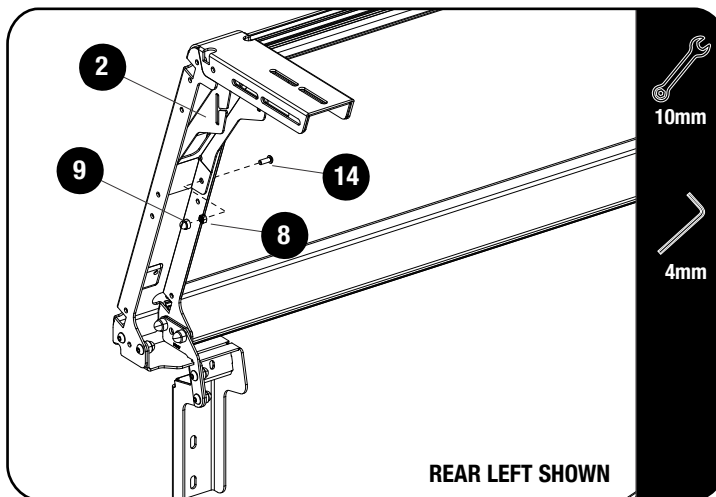


Place the Top Spacer (Item 6) between the inside lip of the top ledge and the Front mounting bracket before loosely securing it using M6 x 30 Button Head Bolts, M6 x 20 x 2 Flat Washers and M6 Nyloc Nuts (Items 11, 12 & 13).

Place the Bottom Spacer (Item 5) between the inside of the load bin and the Front mounting bracket before loosely securing it using M8 x 35 Hex Head Bolts and M8 Flat Washers (Items 8 & 9) and the Clinch Nuts inserted in 2.4.

DO THIS WITH BOTH LH AND RH SIDE PRO BED LEGS

2.8



Fit the Rear Brace (Item 2) using the M6 x 12 Button Head Bolts and M6 Nyloc Nuts (Item 8 & 14).

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

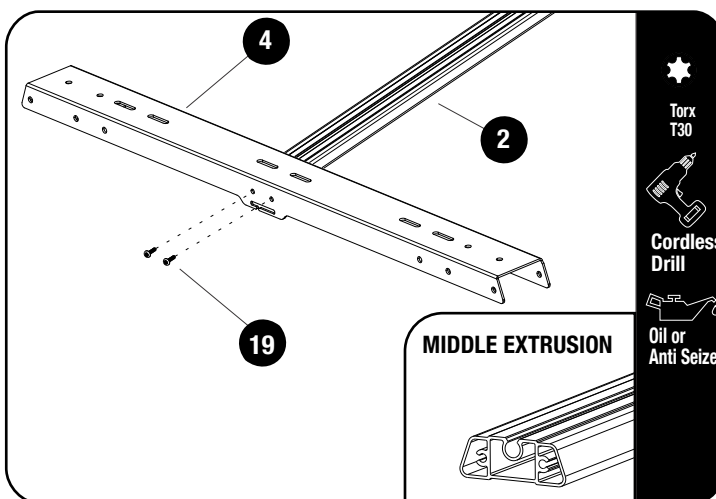
DO THIS WITH BOTH LH AND RH SIDE PRO BED LEGS



Tightening Torque:

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

2.9



Using the supplied T30 6" torx bit and a cordless driver assemble the Top Middle Extrusion (Item 2) to both the Top Trusses (Items 4), one on each end of the Extrusion using the M6 x 25 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.

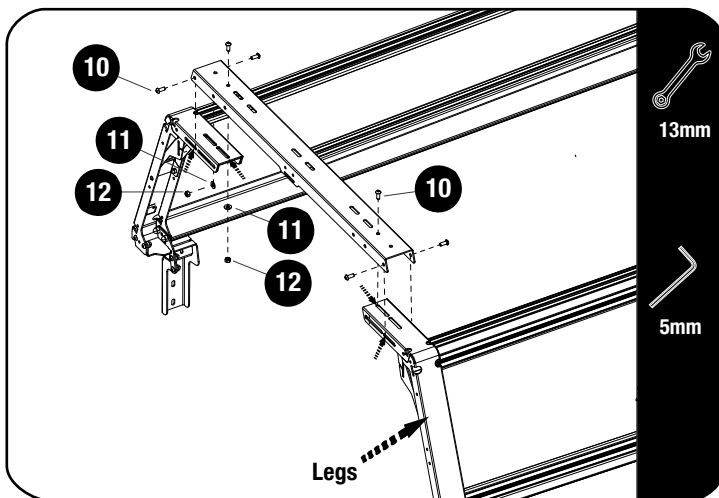


Tightening Torque:

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



2.10



Loosely fit the Top Truss assembly from 2.9 onto the legs in the slots that are indicated using the M8 x 20 Button Head Bolts, M8 x 19 x 2 Flat Washers and M8 Nyloc Nuts (Item 10, 11 & 12).

The fasteners will be fully tighten in 2.12.

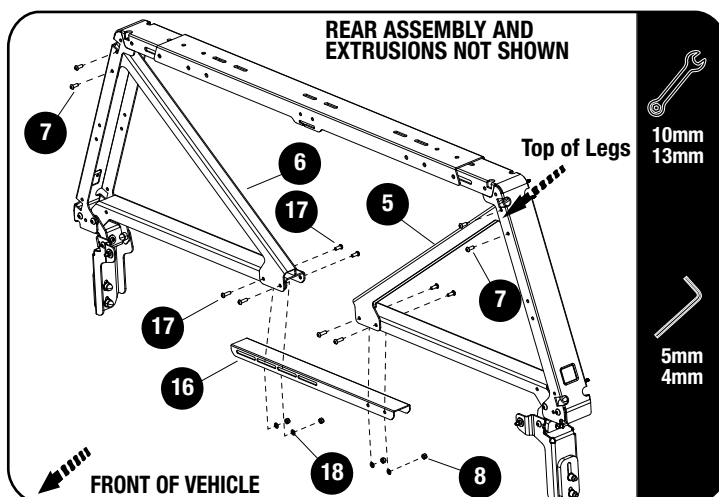
DO THIS WITH BOTH FRONT AND REAR.



Tightening Torque:

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

2.11



Use the M6 x 16 Button Head Bolt, M6 x 12 x 1 Flat Washer and M6 Nyloc Nut (Item 7, 8 & 18) to fit the LH and RH Front Horizontal Braces (Items 5 & 6) to the top of the legs.

Use the M6 x 20 Button Head Bolt, M6 x 12 x 1 Flat Washer and M6 Nyloc Nut (Item 8, 17 & 18) to fit the Front Center Brace (Item 16) to the LH and RH Front Horizontal Braces (Items 5 & 6).

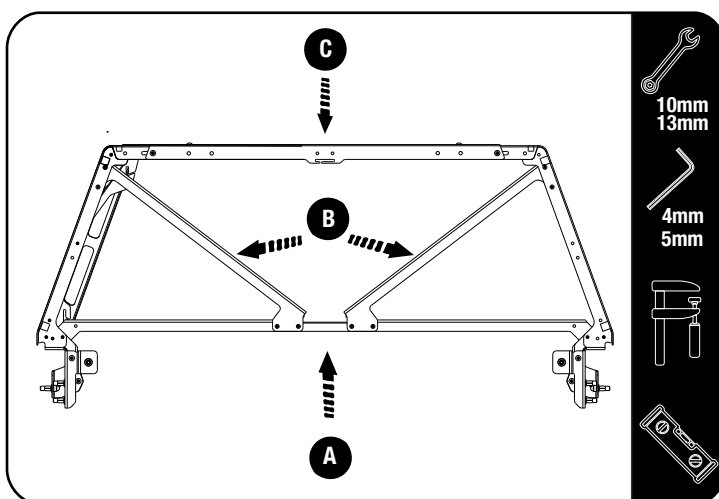
DO NOT FULLY TIGHTEN.



Tightening Torque:

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

2.12



A Using clamps and a spirit level clamp the spirit level to the inside of the Front Center Brace.



B Fully tighten the M6 x 20 and M6 x 16 Button Head Bolts and M6 Nyloc Nuts fitted in 2.11.



C Fully tighten Top Truss assembly fitted in 2.10.

Place Nut Caps (Items 9 & 13) on all the Nyloc Nuts.



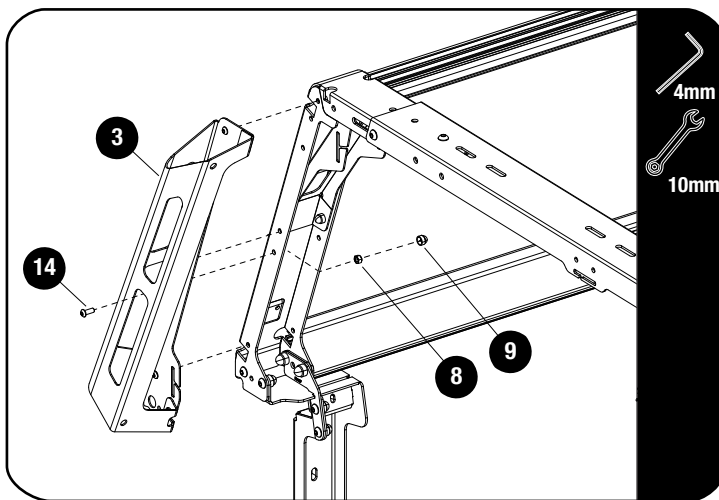
Tightening Torque:

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

2

FIT AND SECURE

2.13



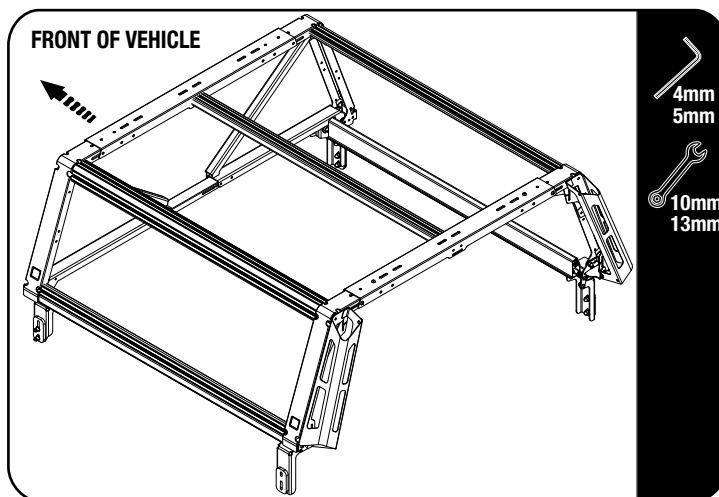
Assemble the Rear Wing Brackets (Item 3) using the M6 x 12 Button Head Bolts and M6 Nyloc Nuts (Item 14 & 8). Place the M6 Nut Caps (Item 9) over the Nyloc Nuts.



Tightening Torque:

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

2.14



Ensure that all the fasteners are fully tighten 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:    