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.

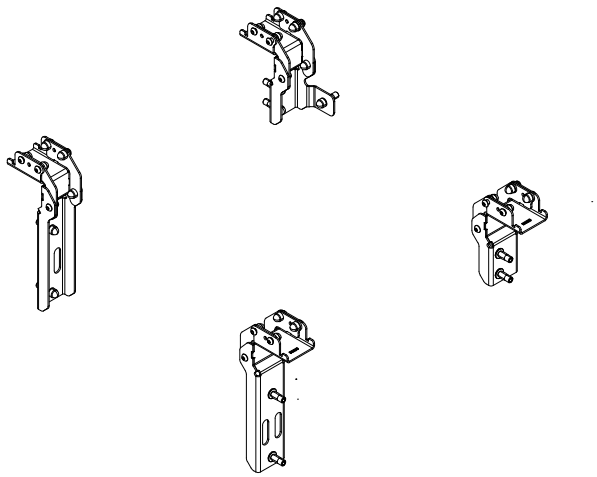
Before you begin, take a moment and open all your Front Runner Rack Kit boxes and gather the assembly instructions for the various components.

A complete kit will contain:

1. Mounting System specific to your vehicle
2. Extrusions
3. Universal Structural Components

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

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1 GET ORGANIZED

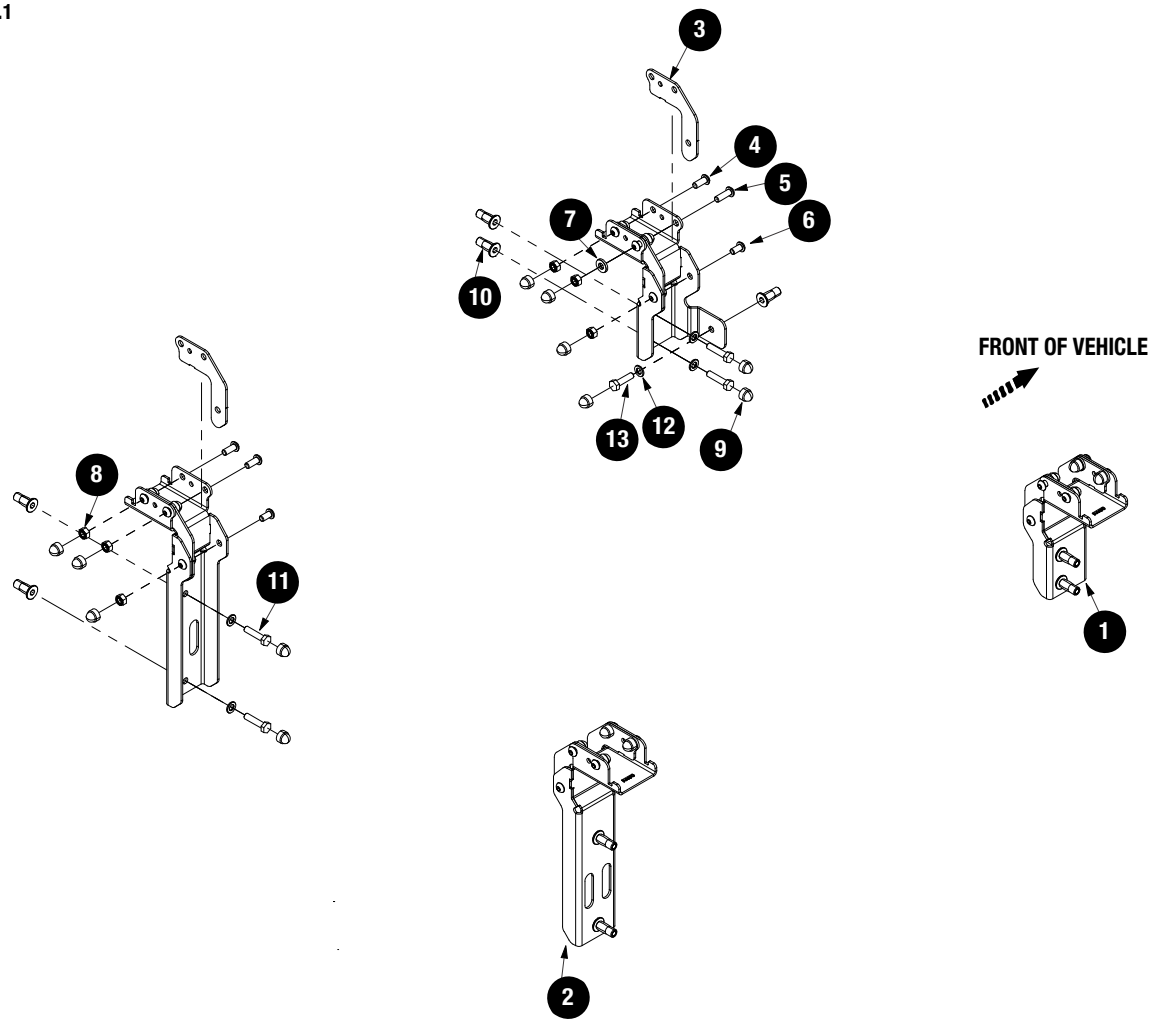
IN THE BOX		PBCC001
1	2 X	FRONT VEHICLE MOUNT - 1 LH & 1 RH
2	2 X	REAR VEHICLE MOUNT - 1 LH & 1 RH
3	8 X	SUPPORT BRACKET
4	12 X	M8 X 20 BUTTON HEAD BOLT
5	4 X	M8 X 25 BUTTON HEAD BOLT
6	8 X	M8 X 16 BUTTON HEAD BOLT
7	6 X	M8 X 19 X 3 FLAT WASHER
8	24 X	M8 NYLOC NUT
9	34 X	M8 NUT CAP
10	10 X	M8 PLUS NUT
11	8 X	M8 X 35 HEX BOLT
12	10 X	M8 X 16 X 1.6 FLAT WASHER

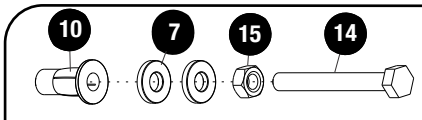
IN THE BOX		PBCC001
13	1 X	M8 X 30 HEX BOLT
14	1 X	M8 X 70 HEX BOLT
15	2 X	M8 HEX NUT

TOOLS NEEDED



FIGURE 1.1





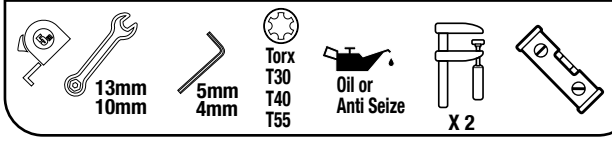
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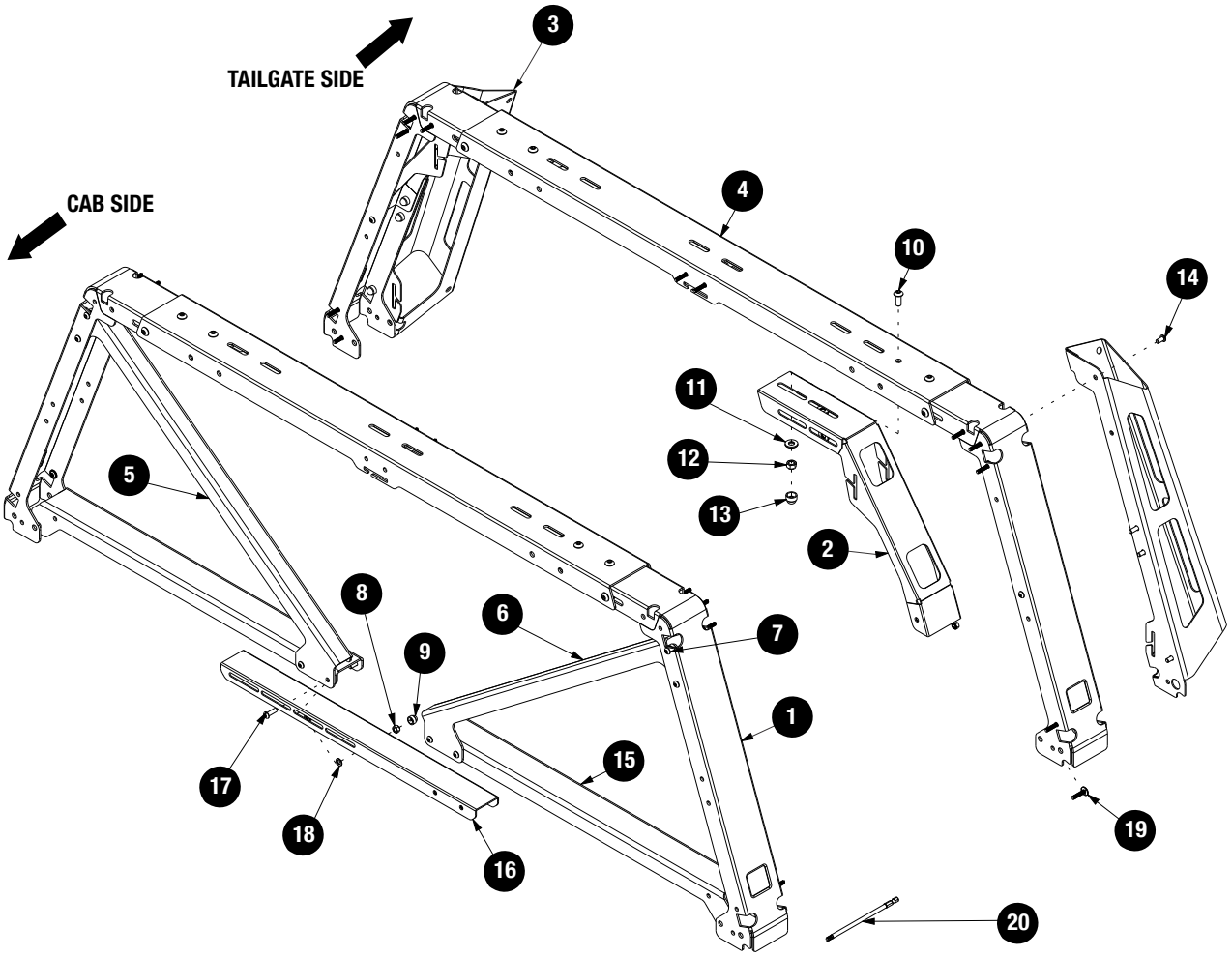
1 GET ORGANIZED

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





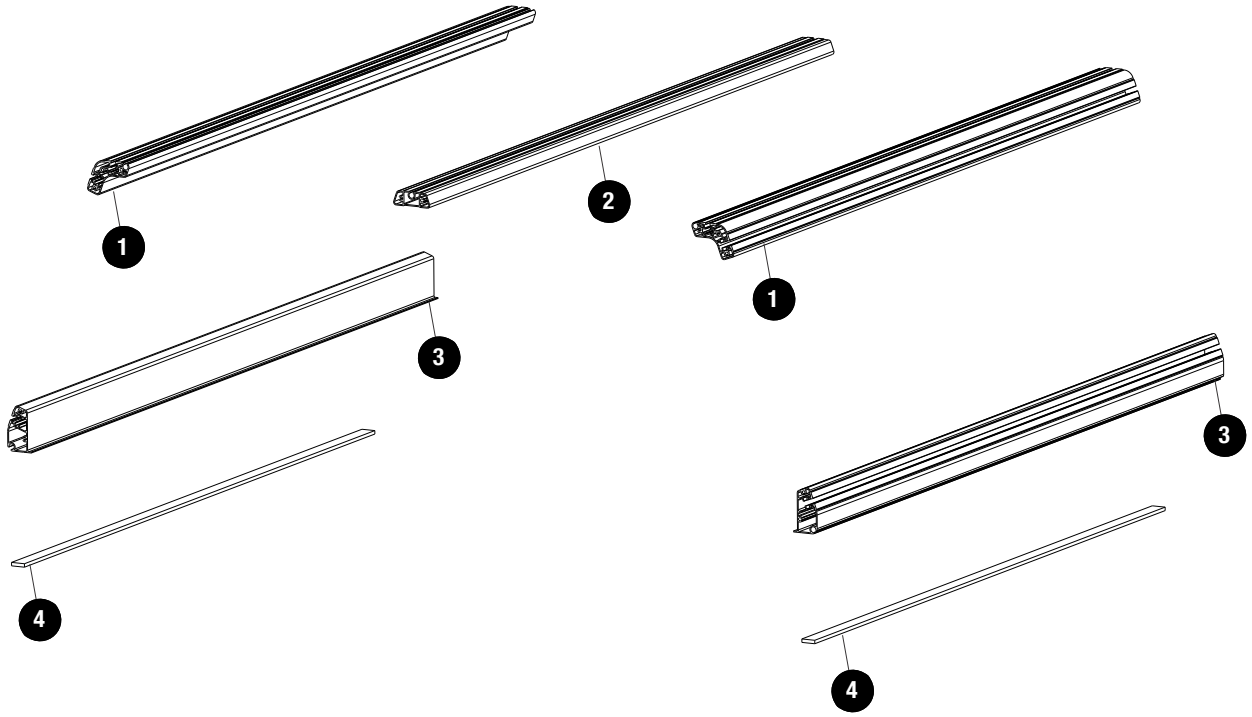
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1 GET ORGANIZED

IN THE BOX		PBAL_1250
1	2 X	TOP EXTRUSION
2	1 X	TOP MIDDLE EXTRUSION
3	2 X	BOTTOM EXTRUSION
4	2 X	1250mm PSA STRIP PE60

TOOLS NEEDED

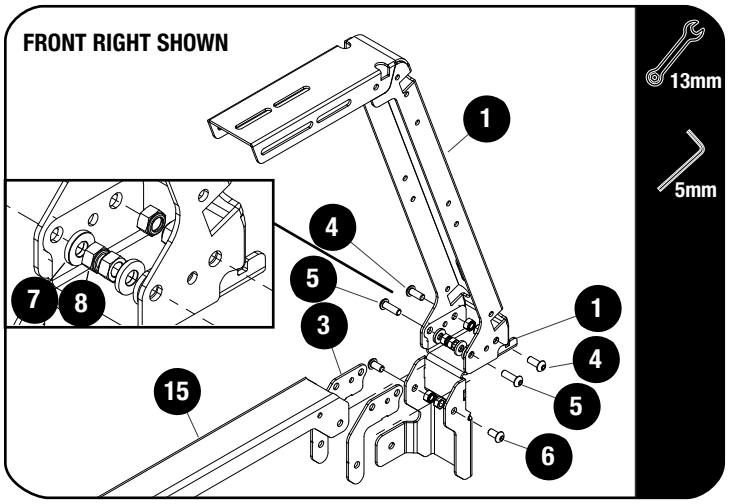
Friend



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2 FIT AND SECURE

2.1



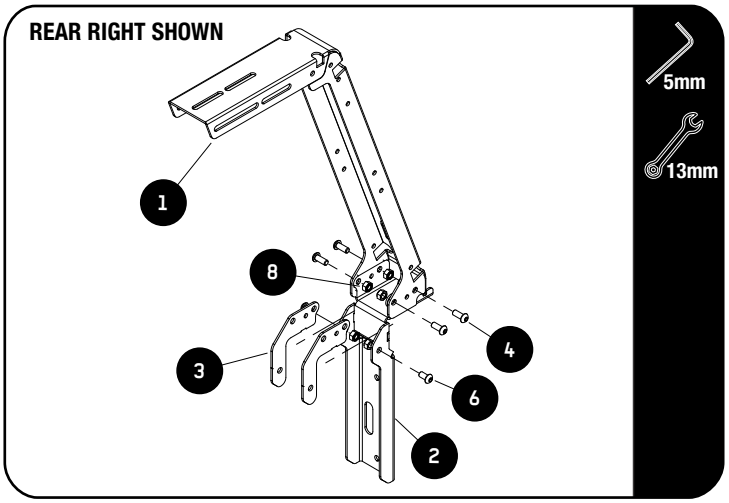
On a suitable flat surface, assemble the Pro Bed Leg (Item 1) to the Front Mounting Brackets (Item 1) and the Front Horizontal Brace and Support Bracket (Item 3 & 15) using M8 x 20 Button Head Bolts, M8 x 25 Button Head Bolts, M8 x 19 x 3 Flat Washers and M8 Nyloc Nuts (Item 4, 5, 7 & 8), as shown.

Loosely fit the M8 x 16 Button Head Bolts and M8 Nyloc Nuts (Item 6 & 8) as shown.

Do this with both the LH and RH side.

DO NOT FULLY TIGHTEN.

2.2



Assemble the Pro Bed Leg (Item 1) to the Rear Mounting Bracket (Item 2) together with the Support Brackets (Item 3) using M8 x 20 Button Head Bolts and M8 Nyloc Nuts (Item 4 & 8).

Fit the M8 x 16 Button Head Bolts and M8 Nyloc Nuts (Item 6 & 8) as shown.

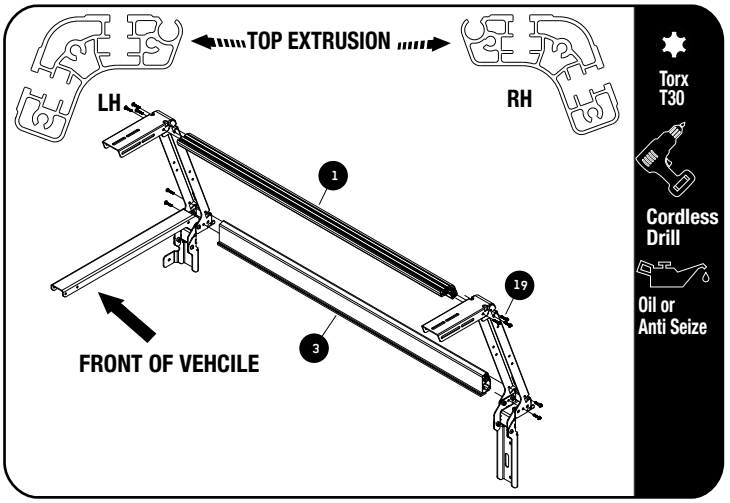
Fully Tighten.

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

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.

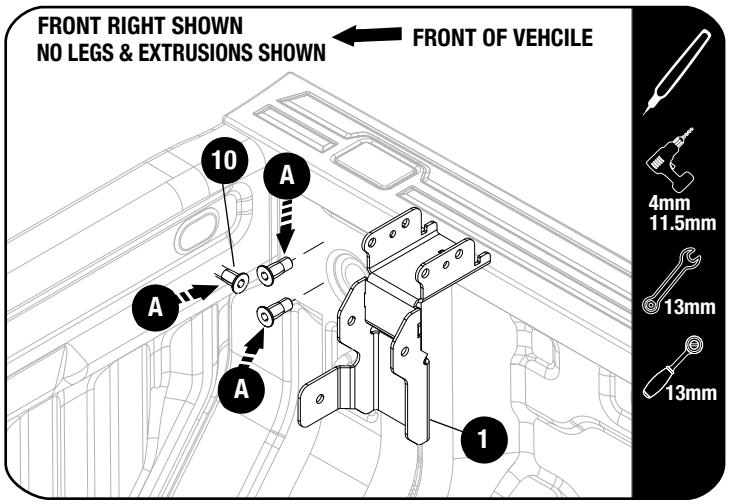
Tightening Torque:

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

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2 FIT AND SECURE

2.4



Place the assemblies from Step 2.3 on the load bed top ledge - RH FRONT MOUNTING BRACKET ONLY, SHOWN FOR CLARITY - on the top ledge and push up against the front load bed wall.

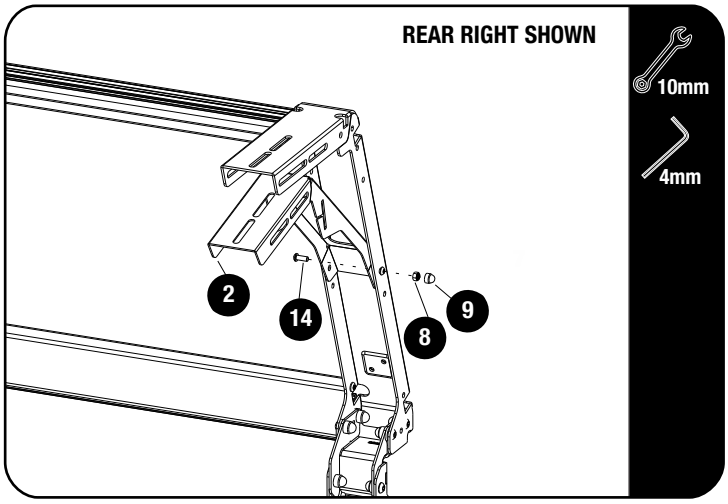
Have a friend assist to hold the assembly while marking the front 3 and 2 rear holes. Ensure top is horizontal before marking the holes centers. Do this on both the LH & RH side.

Remove the assemblies and use a 4mm drill bit to drill a pilot hole before opening the holes to 11.5mm. Apply anti rust to all holes drilled.

Set 5 plus nuts per side in the holes drilled earlier by doing the following:

Using the M8 x 70 Hex Bolt, thread a M8 Nut half way up the bolt threads (Item 16 & 17). Place two M8 x 19 x 3 Washers (Item 8)onto the nut before threading the M8 Plus Nut (Item 13) onto the bolt. Place the assembly into one of the holes. Use a 13mm wrench to hold the M8 Nut securely in place and use a ratchet/cordless driver with a 13mm socket to turn and set the Plus Nut in place.

2.5



Check YouTube for assistance in setting a plus nut.

On a suitable flat surface, fit the Rear Brace (Item 2) using the M6 x 12 Button Head Bolts and M6 Nyloc Nuts (Item 14 & 8).

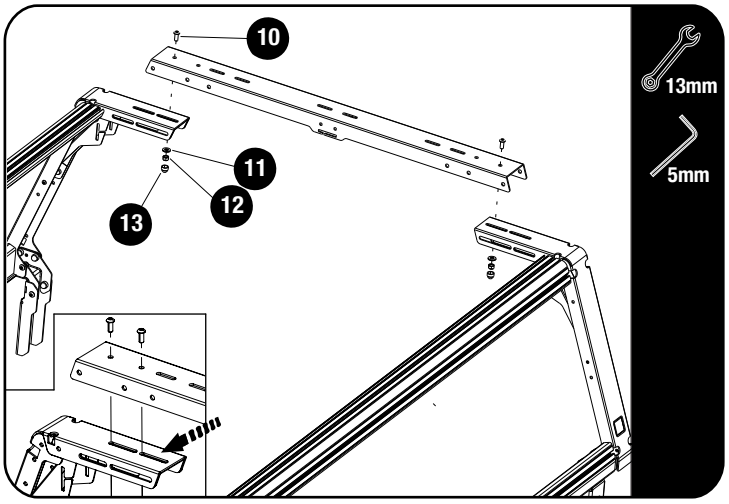
Fully tighten and place M6 Nut Caps (Item 9) on the M6 Nyloc Nuts.

DO THIS WITH BOTH LH AND RH SIDE PRO BED LEGS

Tightening Torque:

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

2.6

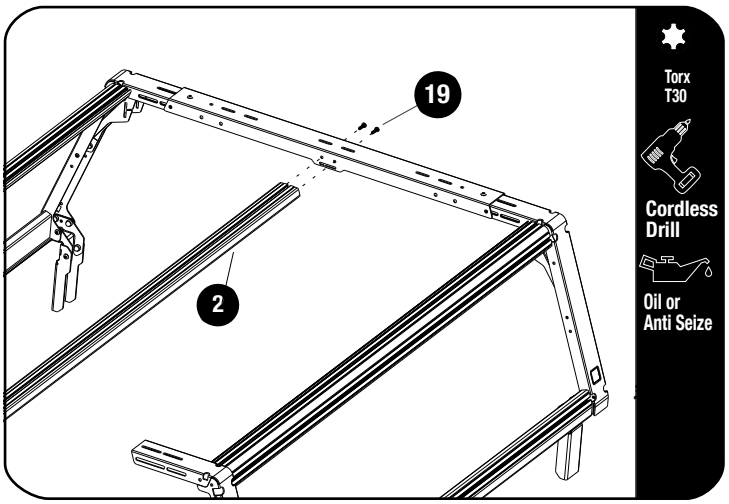


Loosely assemble the Rear Top Truss using the M8 x 20 Button Head Bolts, M8 x 19 x 2 Flat Washers and M8 Nyloc Nuts (Item 10, 11 & 12).

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2 FIT AND SECURE

2.7



Torx T30

Cordless Drill

Oil or Anti Seize

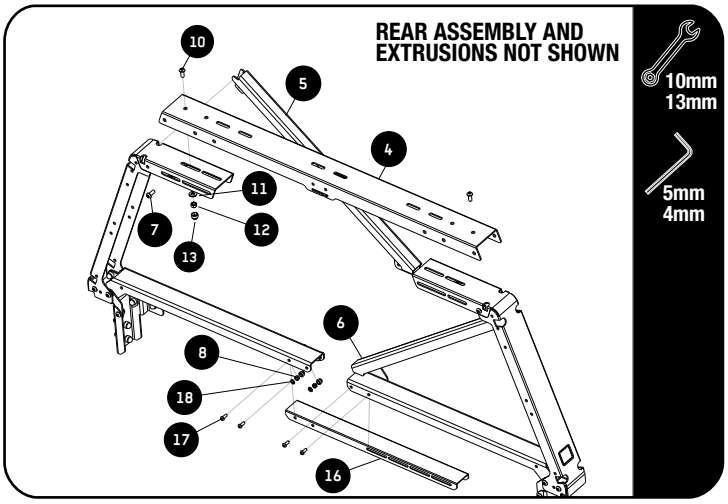
Using the supplied T30 6" torx bit and a cordless driver assemble the top middle extrusion (Item 2) to the Rear Top Truss assembled in step 2.7, using the M6 x 25 Thread Forming Screws (Item 19). Use a slow and constant speed when using the cordless driver.

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

2.8



10mm 13mm

5mm 4mm

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

FULLY TIGHTEN.

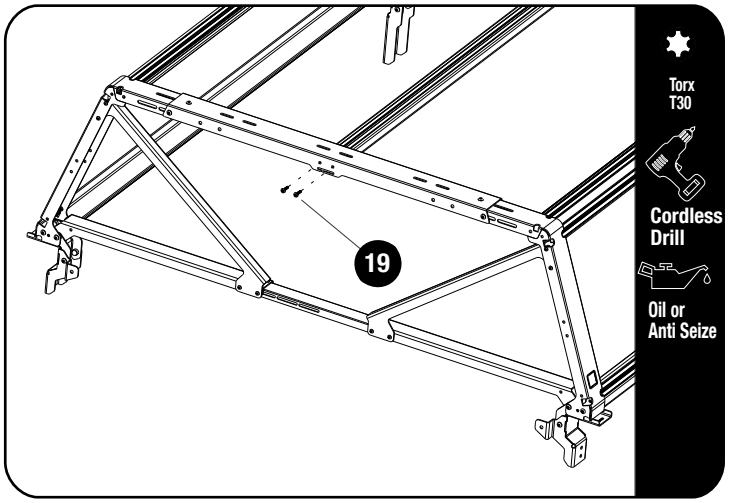
Use the M6 x 20 Button Head Bolt, M6 x 12 x 1 Flat Washer and M6 Nyloc Nut (Item 8,17 & 18) to fit the Front Center Brace to the LH and RH Front Horizontal Braces (Item 16).

DO NOT FULLY TIGHTEN.

Tightening Torque:

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

2.9



Torx T30

Cordless Drill

Oil or Anti Seize

Using the supplied T30 6" torx bit and a cordless driver assemble the top middle extrusion (Item 2) to the Front Top Truss assembled in step 2.9, 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.

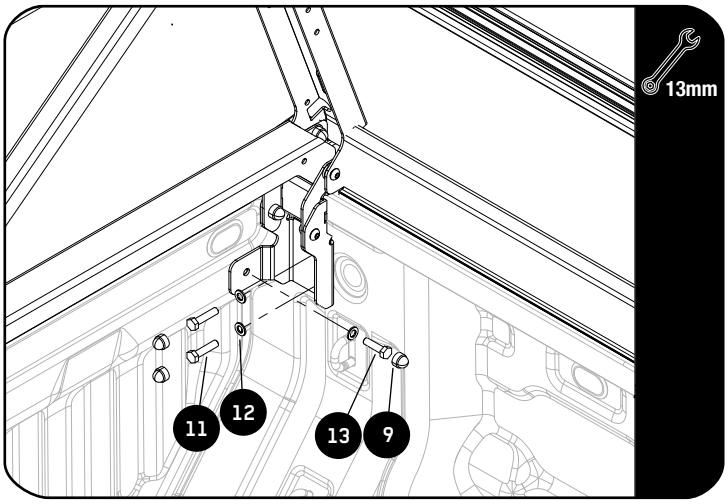
Tightening Torque:

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

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2 FIT AND SECURE

2.10



With the help of a friend, lift and position the Pro Bed Assembly over the load bed and lower into position. Pull the sides outward if needed to reach the plus nut mount points installed earlier.

Insert two M8 x 35 Hex Bolts, one M8 x 30 Hex Bolt and M8 x 16 x 1.6 Flat Washers (Items 11, 13 & 12) into the Plus Nuts and loosely secure.

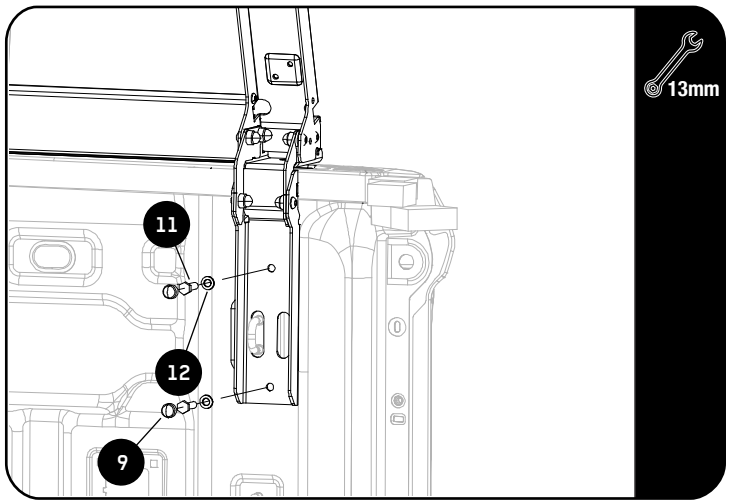
Check that the top truss screws are in the correct holes and slots to allow the truss to sit level.

Fully tighten all the mount bracket bolts and place M8 Nut Caps (Item 9) on all Hex Bolts.

Tightening Torque:

M6 : 8-10Nm / 5.9 ft lb - 7.38 ft lb
M8 : 15-20Nm / 11.06 ft lb - 14.75 ft lb

2.11



Use the M8 x 35 Hex Bolts and M8 x 16 x 1.6 Flat Washers (Items 11 & 12) to loosely secure into the M8 Plus Nuts installed.

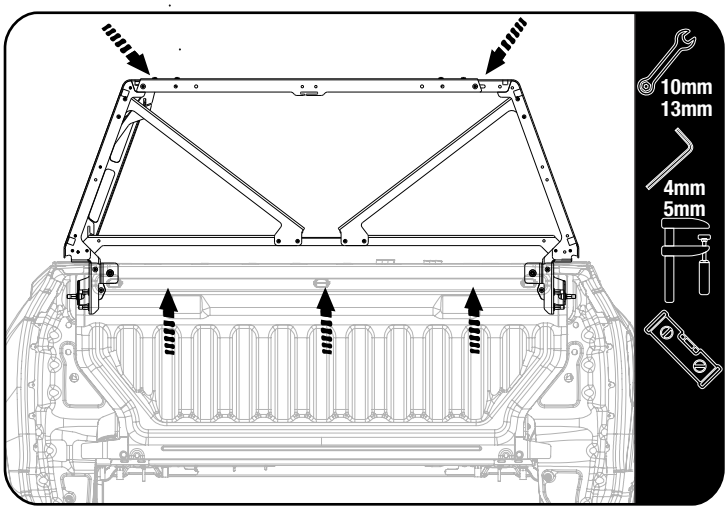
Check that the top truss screws are in the correct holes and slots to allow the truss to sit level.

Fully tighten all the mount bracket bolts and place M8 Nut Caps (Item 9) on all Hex Bolts.

Tightening Torque:

M6 : 8-10Nm / 5.9 ft lb - 7.38 ft lb
M8 : 15-20Nm / 11.06 ft lb - 14.75 ft lb

2.12



Using clamps and a spirit level clamp the spirit level to the inside of the Front Center Brace and Tighten the M6 x 20 Button Head Bolts and M6 Nyloc Nuts fitted in 2.3.

Fully tighten all fasteners and place Nut Caps on all Nyloc Nuts.

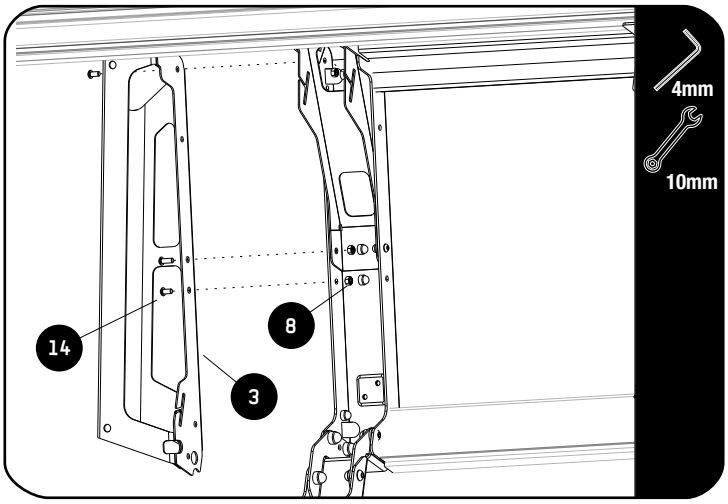
Tightening Torque:

M6 : 8-10Nm / 5.9 ft lb - 7.38 ft lb
M8 : 15-20Nm / 11.06 ft lb - 14.75 ft lb

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2 FIT AND SECURE

2.13



4mm
10mm

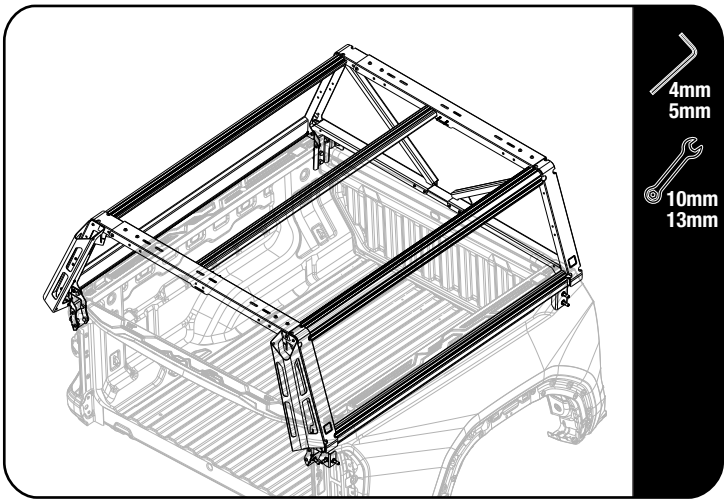
Assemble the Rear Wing Brackets (Item 3) using the M6 x 12 Button Head Bolts and M6 Nyloc Nuts (Item 14 & 8).

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



4mm
5mm
10mm
13mm

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!

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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:

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