

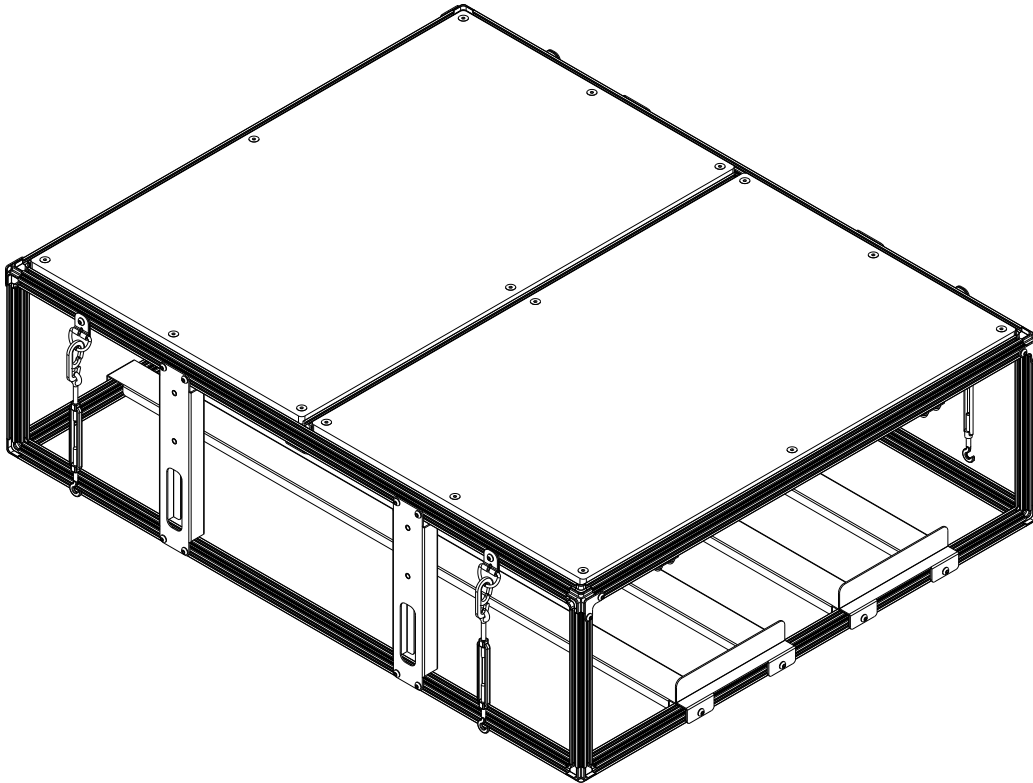


FRONT RUNNER
VEHICLE OUTFITTERS

4 WOLF PACK PRO STORAGE SYSTEM - NARROW

ENG

SSW0012



READ ME !

Thank you for purchasing a Front Runner Modular Storage System.

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.

1

GET ORGANIZED

IN THE BOX

1	5 X	Extrusion 805mm Long
2	4 X	Extrusion 1025mm Long
3	4 X	Extrusion 250mm Long
4	8 X	Corner
5	2 X	Joiner Plate
6	4 X	Side Strut
7	8 X	Corner Bracket
8	8 X	Middle Bracket
9	4 X	Bottom Support
10	2 X	Bottom Tab Bracket
11	4 X	Turn Buckle
12	4 X	Carabiner - Large
13	4 X	M6 D-Ring
14	16 X	M6 X 25 Countersunk Screw
15	12 X	M6 x 10 Button Head Bolt
16	2 X	Wood Decking
17	38 X	M6 x 8 Button Head Bolt
18	46 X	M6 Thin Nut

IN THE BOX

19	2 X	Carabiner - Small
20	4 X	Corner Gusset
21	8 X	Spring
22	60 X	M6 x 12 Hex Bolt
23	60 X	M6 Nyloc Nut
24	60 X	M6 Nut Cap

TOOLS NEEDED

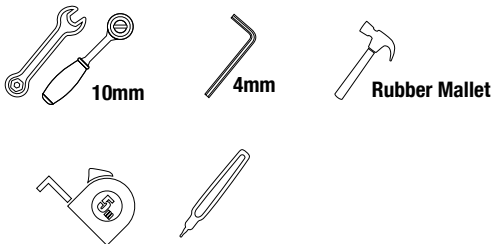
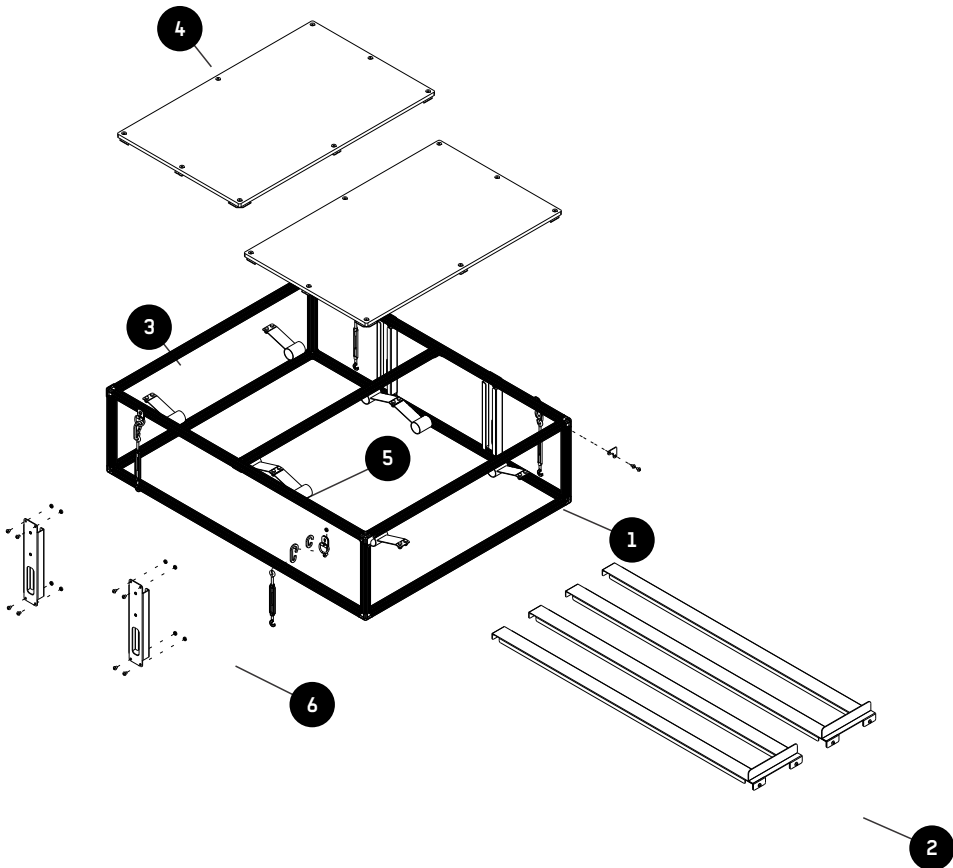


FIGURE 1.1

NOTE: This Unit is broken down into Sub-Assemblies and is marked accordingly.



2

SUB-ASSEMBLY 1

IN THE BOX

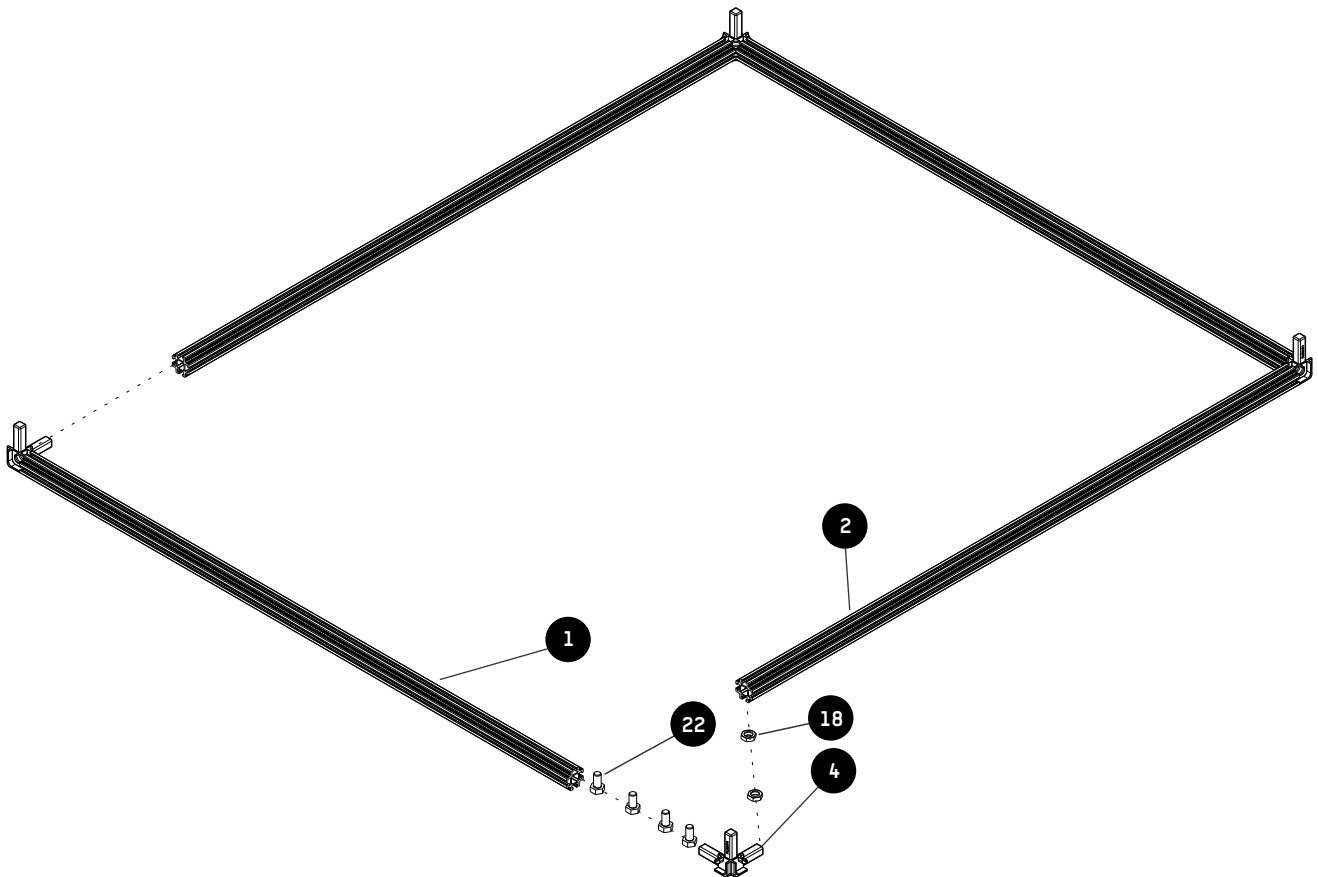
1	4 X	Extrusion 805mm Long
2	4 X	Extrusion 1025mm Long
4	8 X	Corner
18	4 X	M6 Thin Nut
22	8 X	M6 x 12 Hex Bolt

TOOLS NEEDED



Rubber Mallet

FIGURE 2.1



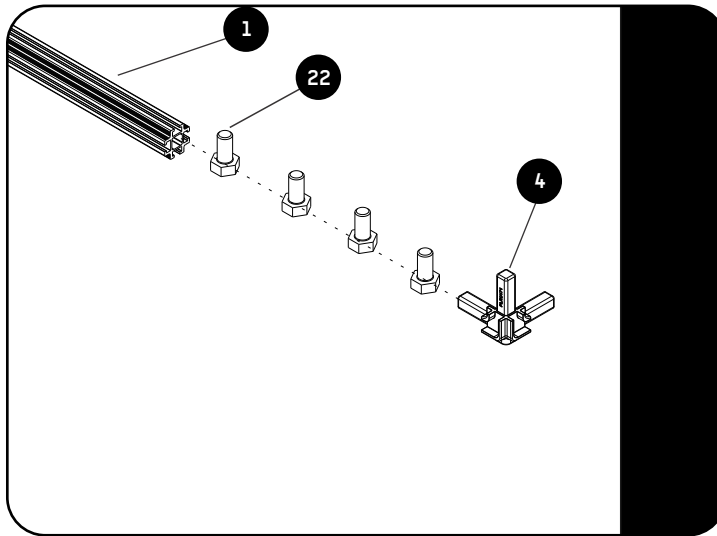
NOTE: Fasteners (Bolts and Nuts) only apply to the Top Frame Assembly.



Fasteners to be assembled on both sides.

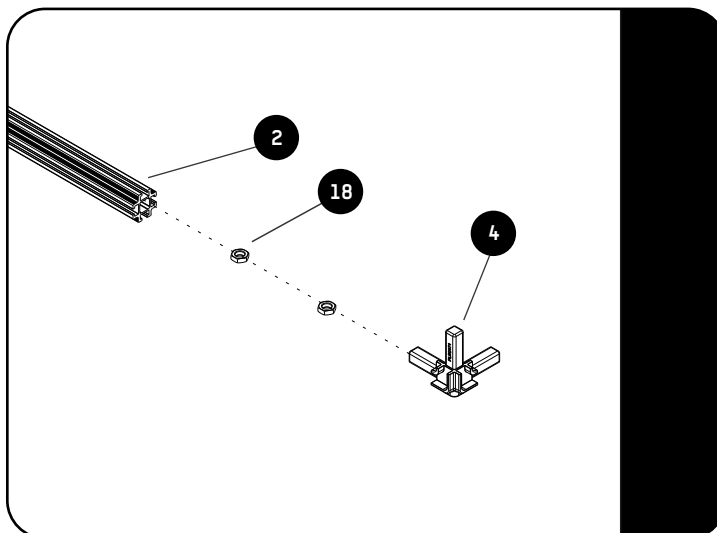
2 SUB-ASSEMBLY 1

2.1



⌚ Load four M6 x 12 Hex Bolts (Item 22) into a 805mm Extrusion (Item 1), as shown in Fig. 2.1. Repeat on another 805mm Extrusion and place these opposite each other.

2.2



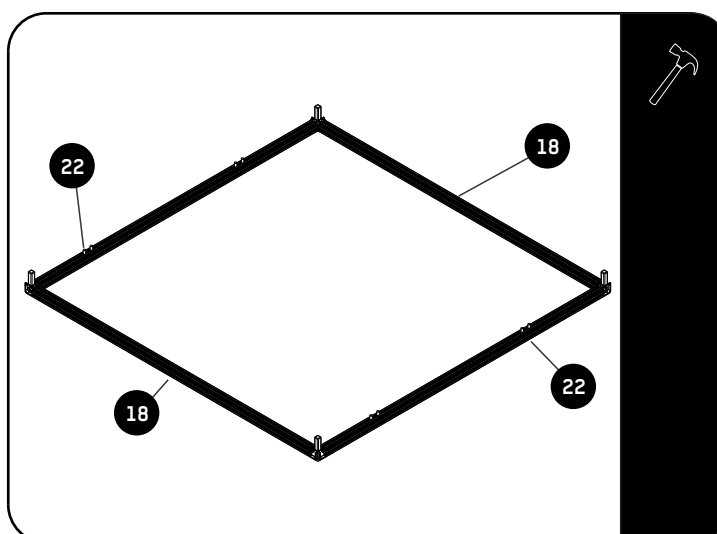
⌚ Load four M6 Thin Nuts (Item 18) into two of the 1025mm Extrusions (Item 2), as shown in Fig. 2.2. Place these opposite each other.

On a flat, level surface, loosely assemble one 1025mm Extrusion (Item 2) and two Corners (Item 4).

⚠ Take Note of the Corner, Bolt and Nut orientations, as shown in Fig 2.1 and 2.2. These should all be in the same T-slot in each extrusion, facing the same way.

Repeat this process until you have a square of four Extrusions and four Corners.

2.3



⌚ Use the Rubber Mallet to securely fit the corners so they are flush against each Extrusion. This will be the Top Frame.

IN THE BOX

1	1 X	Bottom Frame
9	4 X	Bottom Support
10	2 X	Bottom Tab Bracket
15	4 X	M6 x 10 Button Head Bolt
17	4 X	M6 x 8 Button Head Bolt
18	8 X	M6 Thin Nut

TOOLS NEEDED

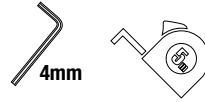
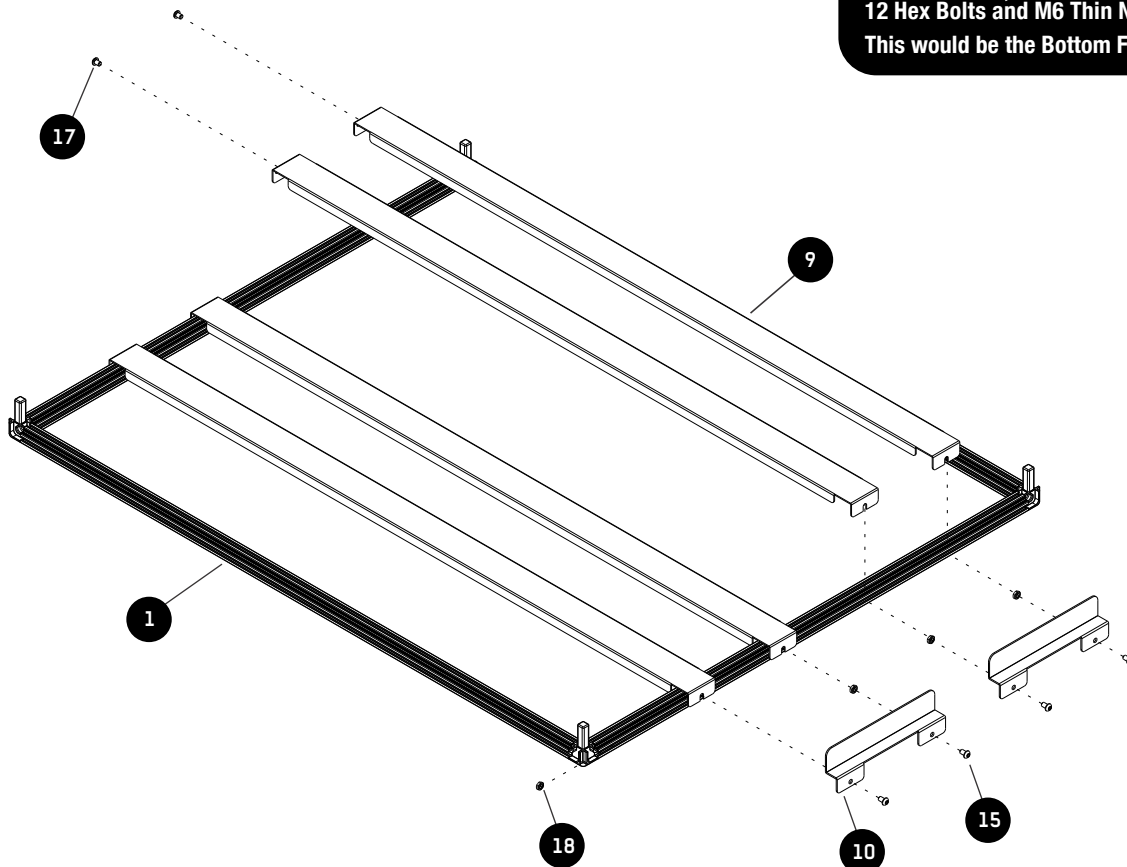


FIGURE 3.1

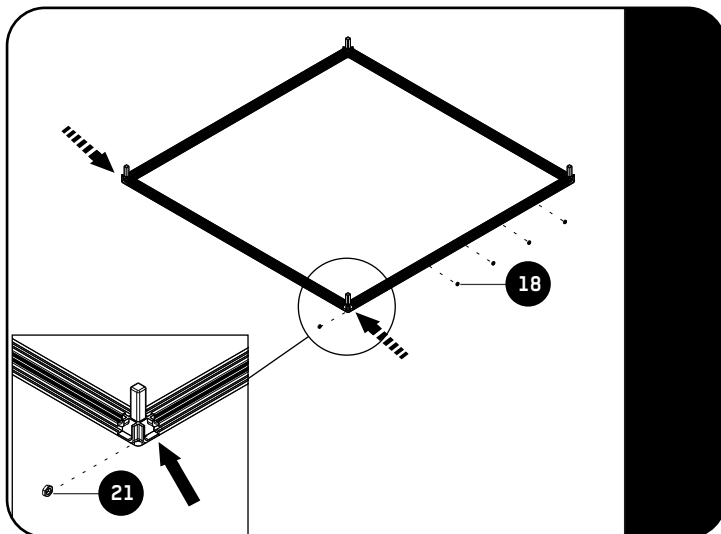
NOTE: Bottom Frame is Similar to the top frame, but with no pre-loaded fasteners.



Repeat Steps 2.1 - 2.3 to assemble another frame, but leave out the M6 x 12 Hex Bolts and M6 Thin Nuts. This would be the Bottom Frame.



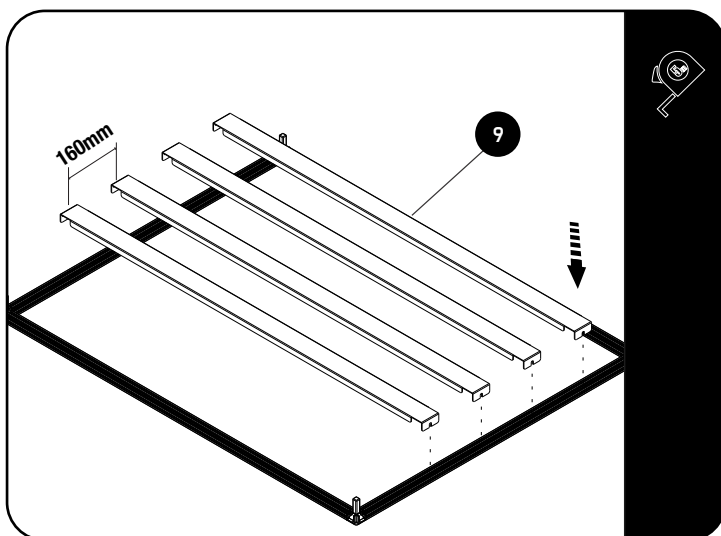
3.1



Starting with the Bottom Frame, as assembled in Step 2, load five M6 Thin Nuts (Item 18) into one of the 805mm Long Extrusions, using the slot on the outside of the Corner and Extrusion.

Load five M6 Thin Nuts (Item 18) into the outside slot of the 805mm Extrusion on the opposite side, as shown in step 3.1

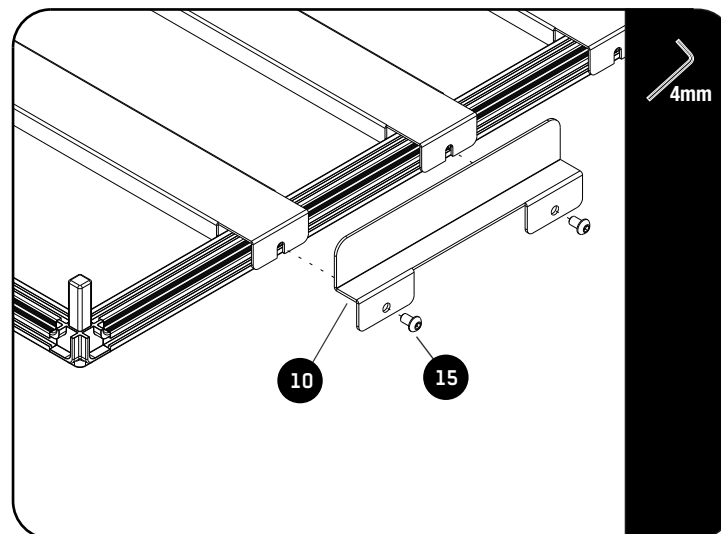
3.2



Place the four Bottom Supports (Item 9) over the Extrusions loaded in Step 3.1. Equally space the Supports, by measuring 152mm centre to centre.

Align the M6 Thin Nuts with each of the Bottom Supports' slots on both sides.

3.3



Place the Bottom Tab Brackets (Item 10) over the Bottom Supports, Make sure the the holes in the Bottom Tab Brackets line up with the slots of the Bottom Supports.

Loosely assemble using M6 x 10 Button Head Bolts (Item 15).

Loosely assemble all the Bottom Supports on the opposite side using M6 x 8 Button Head Bolts (Item 17).

Tighten all fasteners and put assembly aside.

4

SUB-ASSEMBLY 3

IN THE BOX

1	1 X	Extrusion 805mm Long
2	1 X	Top Frame assembled in Step 2
5	2 X	Joiner Plate
17	6 X	M6 x 8 Button Head Bolt
18	2 X	M6 Thin Nut
22	4 X	M6 X 12 Hex Bolt

TOOLS NEEDED

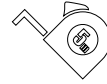
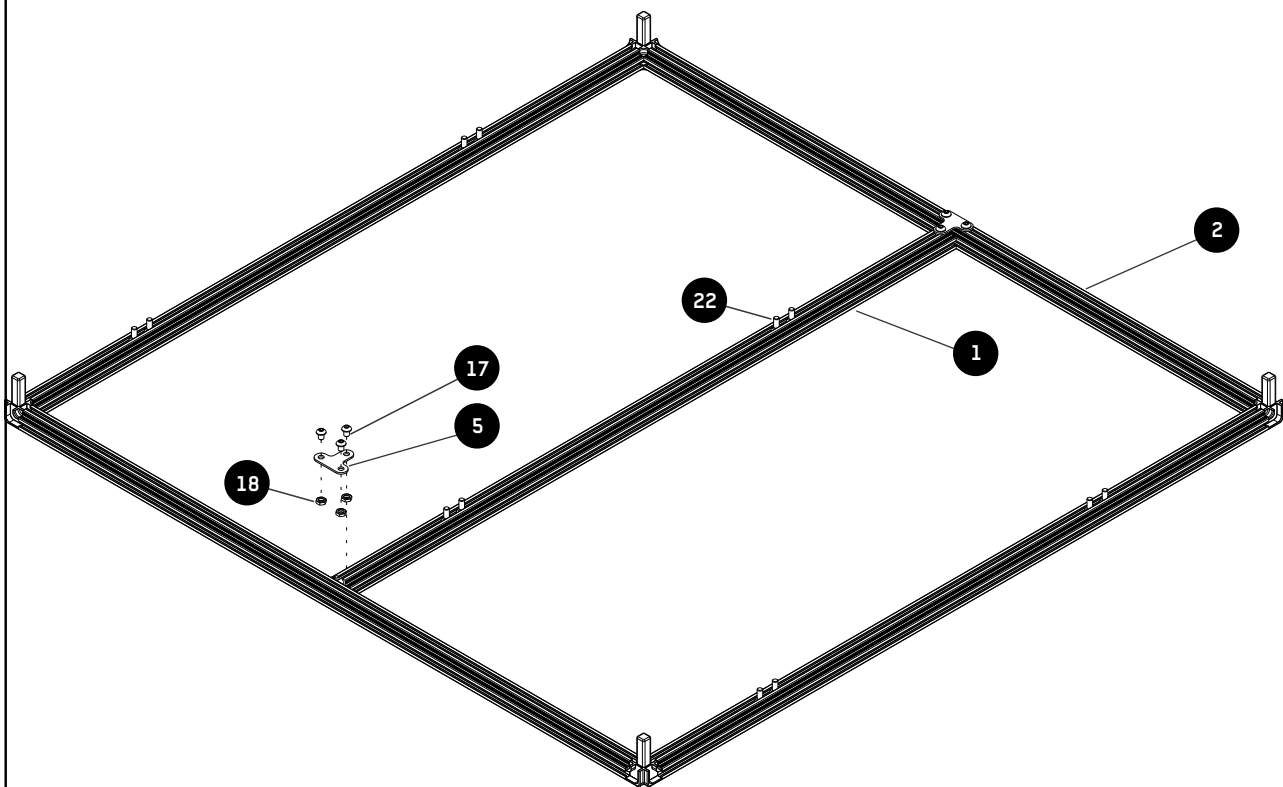
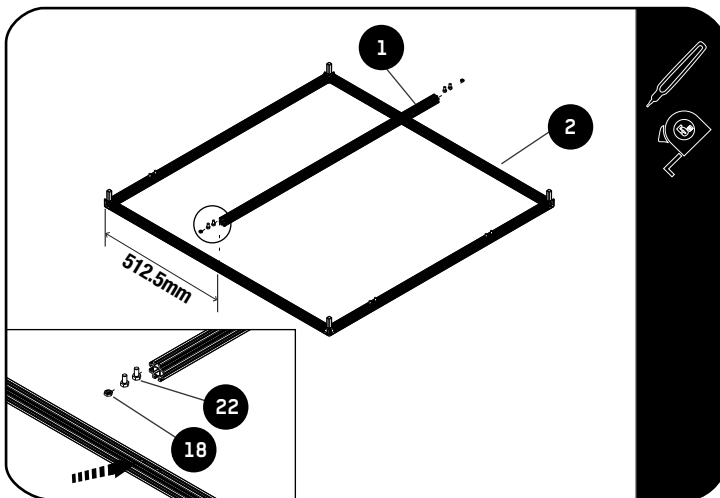


FIGURE 4.1



4.1



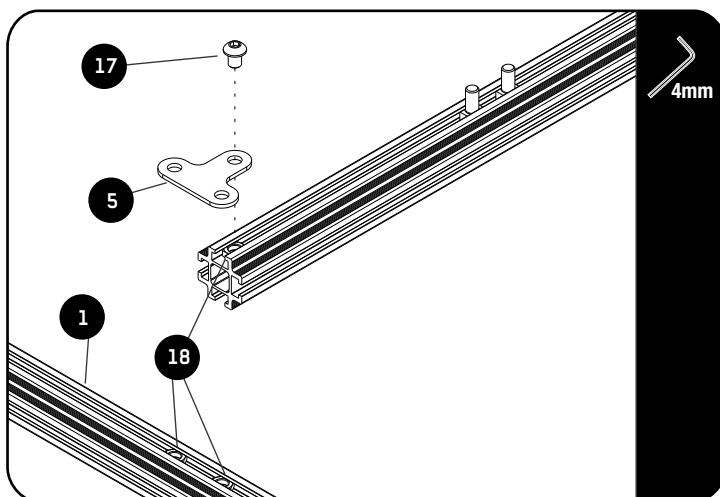
Starting on the Top Frame (Item 2) assembled and put aside in Step 2, measure 512.5mm and mark the position with a marking pen, as shown in 4.1



Note the position in relation to the Bolts and Thin Nuts.

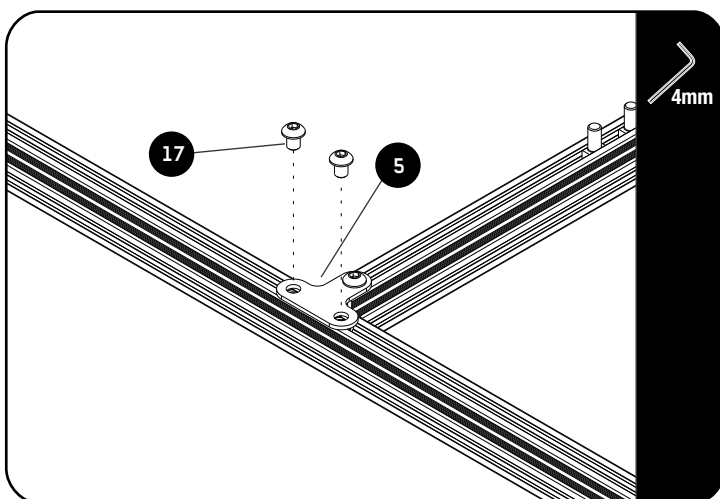
Load one M6 Thin Nut (Item 18), the remaining four M6 x 12 Hex Bolts (Item 22) and another M6 Thin Nut into a slot on the last 805mm Long Extrusion (Item 1), in that order.

4.2



Loosely assemble the Joiner Plates (Item 5) on each end of the 805mm Extrusion (Item 1) using the first and last M6 Thin Nuts (Item 18), loaded in Step 4.1 and M6 x 8 Button Head Bolts (Item 17).

4.3



Align the middle two M6 Thin Nuts (Item 18) of the four that were loaded in Step 2.2 with the holes in each Joiner Plate (Item 5). Do this for both sides.

Loosely assemble using two M6 x 8 Button Head Bolts (Item 17). Do this for both sides.

Align the centre of the Extrusion with the mark made in 4.1, but do not tighten fasteners yet.

IN THE BOX

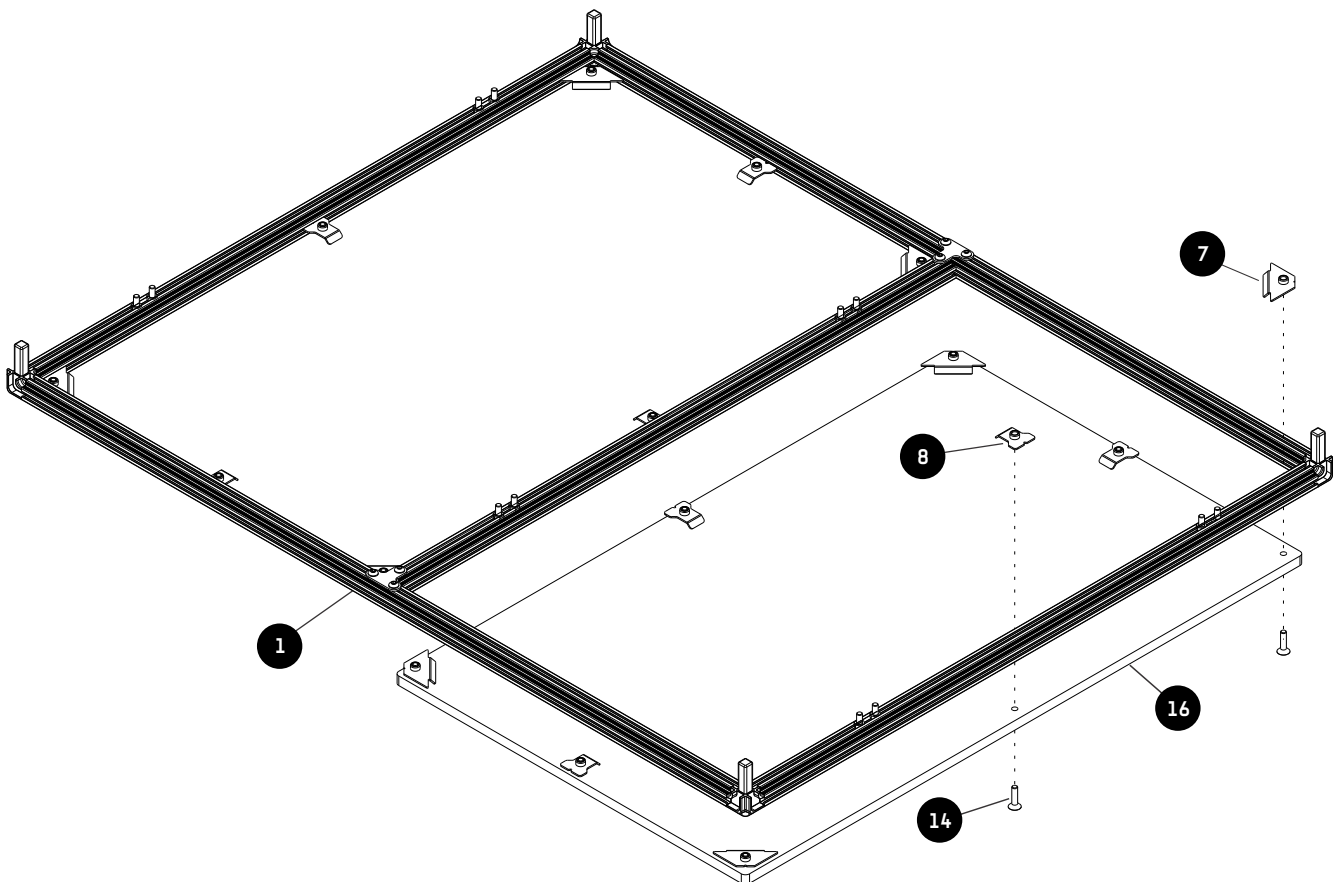
1	1 X	Sub-assembly 3
7	8 X	Corner Bracket
8	8 X	Middle Bracket
14	16 X	M6 x 25 Countersunk Screw
16	2 X	Wood Decking

TOOLS NEEDED

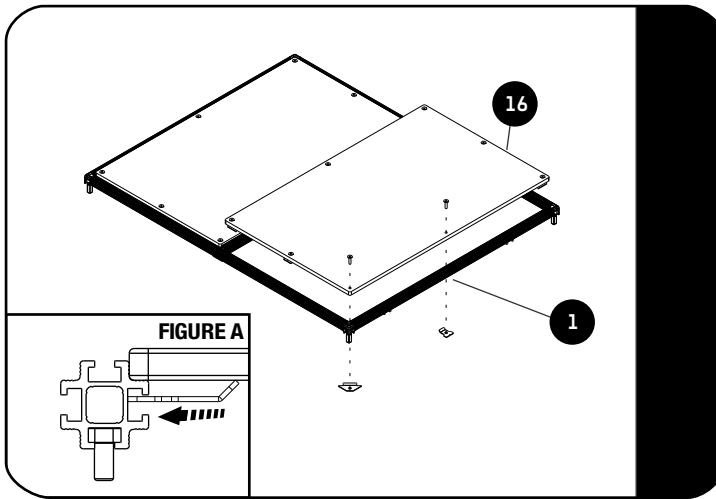


4mm

FIGURE 5.1



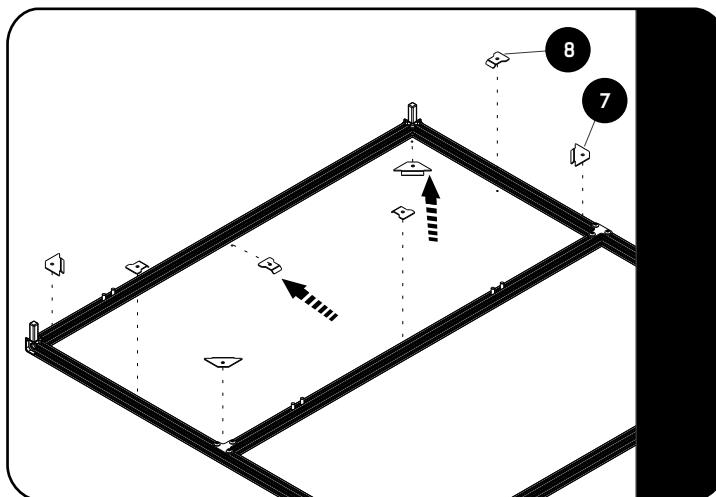
5.1



Place Sub-assembly 3 (Item 1) on a suitable flat surface with the corners facing down, as shown in Fig. A.

Place one Carpeted Wood Deck (Item 16) top of the frame, with holes facing down, carpet side up.

5.2



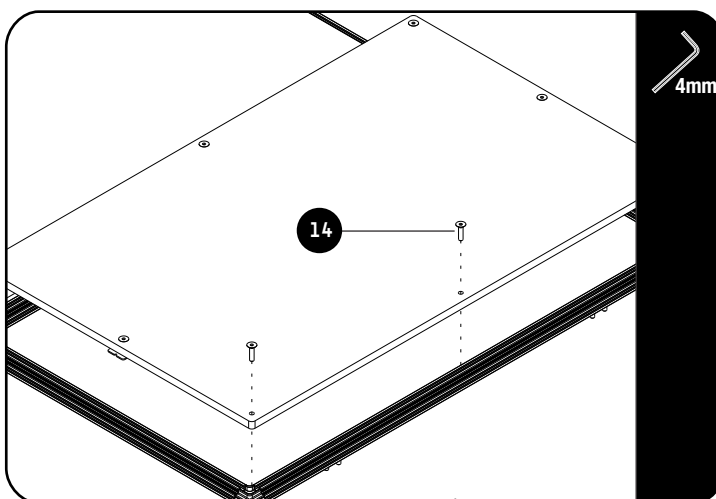
Place one of the Corner Brackets (Item 7) in each corner by slotting it into the inner slot of the Extrusion, as indicated by the arrow in Fig A and Fig 5.2, and align the Minarbs with the holes on the Wood Deck. Loosely assemble by following Step 5.3.

Repeat step to assemble all remaining Corner Brackets.

Place one of the Middle Brackets (Item 8) in the middle of the Deck by slotting it into the inner slot of the Extrusion and align the Minarbs with the holes on the Wood Deck. Loosely assemble by following Step 5.3.

Repeat step to assemble all remaining Middle Brackets.

5.3



Using a M6 x 25 Countersunk Screw (Item 14), fasten each bracket to the deck. This will attach the Deck to the frame.

Repeat Steps 5.1-5.3 to secure the remaining Deck to the frame.



NOTE: Do not over tighten - tighten until snug.

Fully tighten Joiner from Step 4.3.



Tightening Torque:

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

IN THE BOX

1	1 X	Sub-assembly 4
21	8 X	Spring
23	12 X	M6 Nyloc Nut
24	12 X	M6 Nut Cap

TOOLS NEEDED

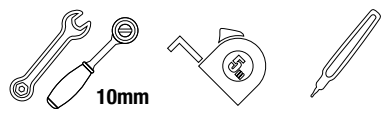
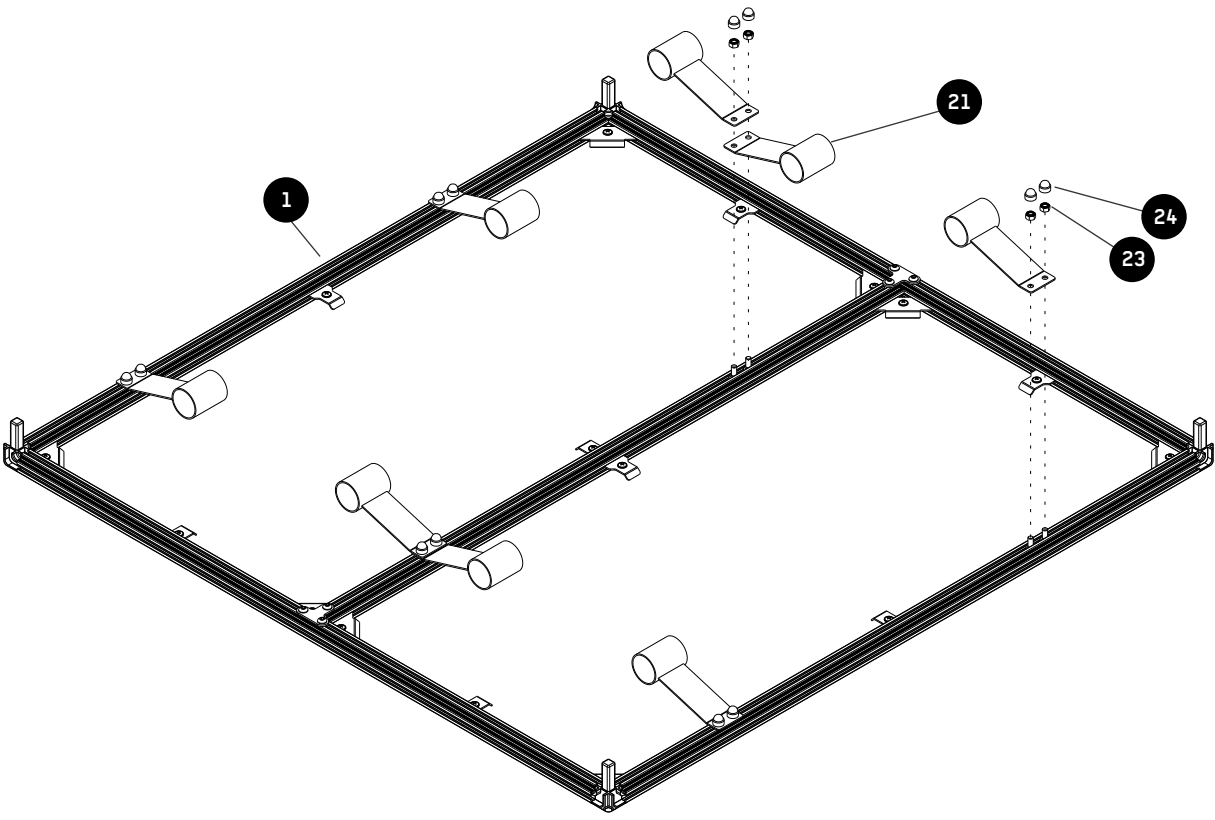
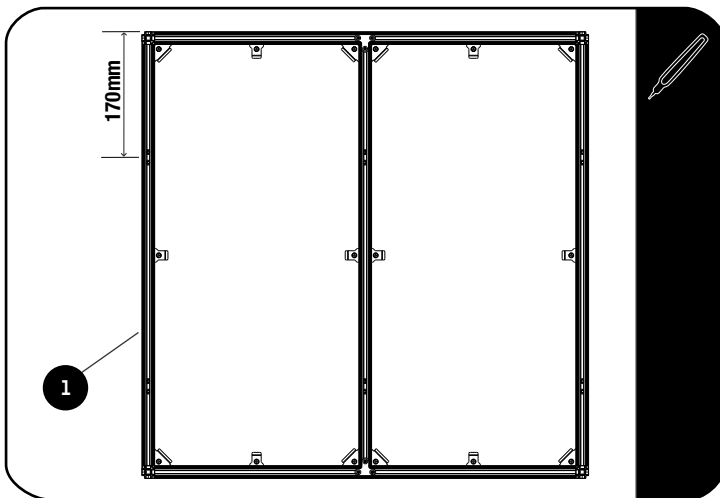


FIGURE 6.1



6.1

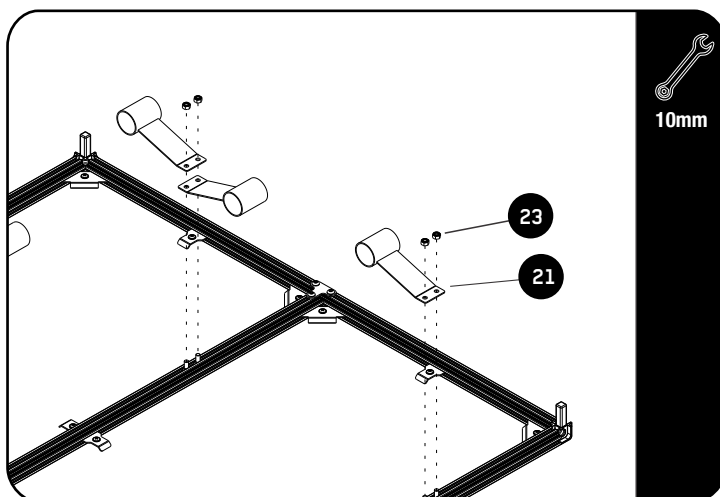


Using Sub-assembly 4 (Item 1) from the previous step, measure 170mm from each side, as shown and mark each Extrusion with a Marking Pen.

Using the two outer bolts loaded in 2.1 loosely assemble the spring and align the center with the 170mm measurement.

Do this for the remaining springs.

6.2



Loosely assemble the Springs (Item 21) by placing them over the M6 x 12 Hex Bolts and using the M6 Nyloc Nuts (Item 23), as shown in Fig 6.2.



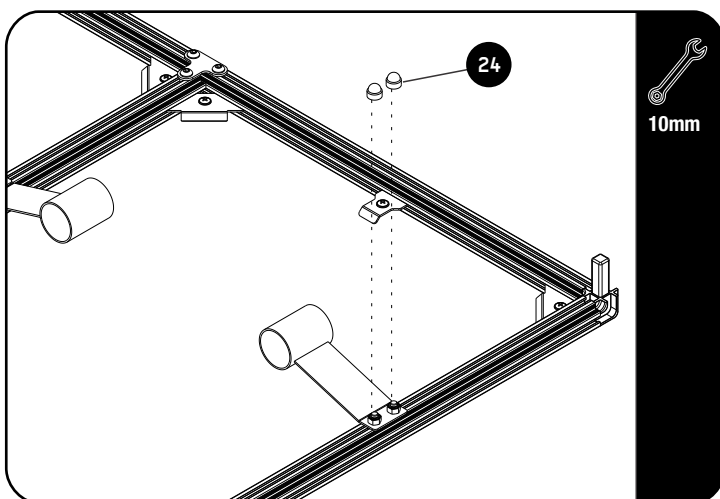
Take note of the Springs' orientation in relation to the Decking. Two Springs will be fitted to the Middle Extrusion, pointing in opposite directions and using the same Hex Bolt set and the similar 170mm measurement.



Tightening Torque:

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

6.3



Adjust Springs if necessary and tighten all fasteners.

Place M6 Nut Caps (Item 24) over each M6 Nyloc Nut.

IN THE BOX

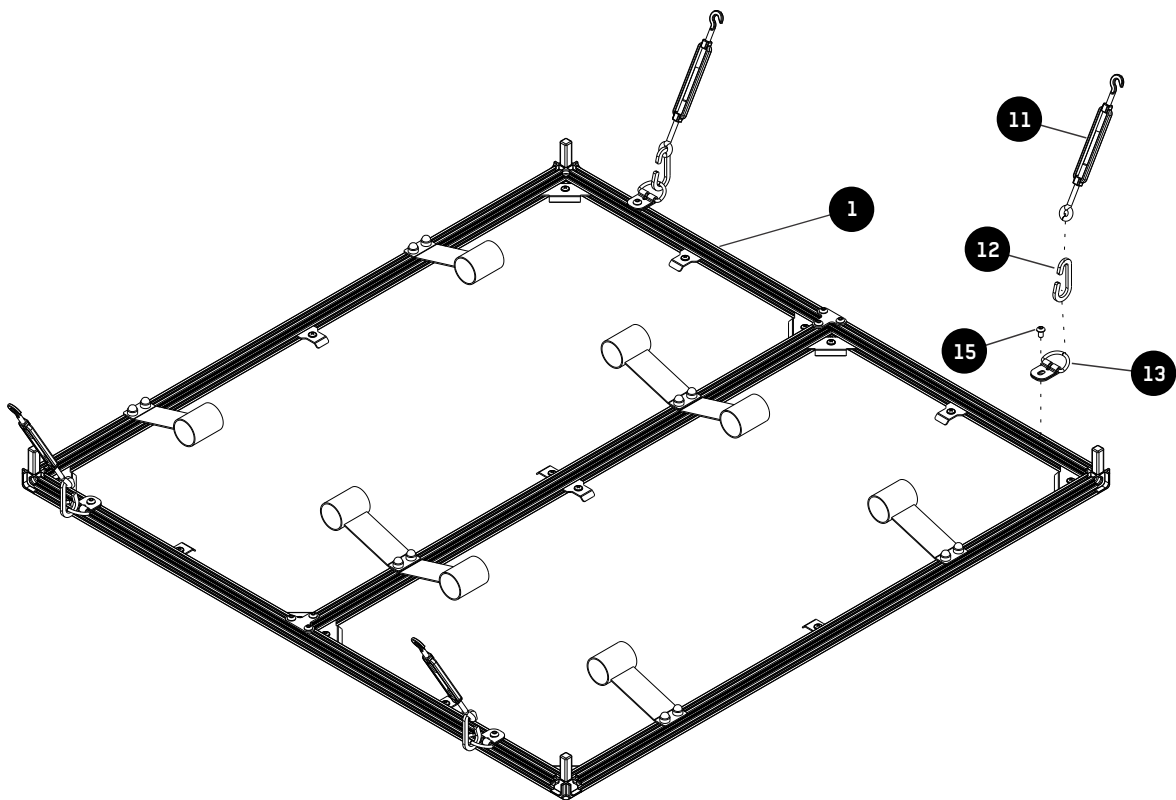
1	1 X	Sub-assembly 5
11	4 X	Turn Buckle
12	4 X	Carabiner - Large
13	4 X	M6 D-Ring
15	4 X	M6 x 10 Button Head Bolt
18	4 X	M6 Thin Nut
19	4 X	Carabiner - Small

TOOLS NEEDED

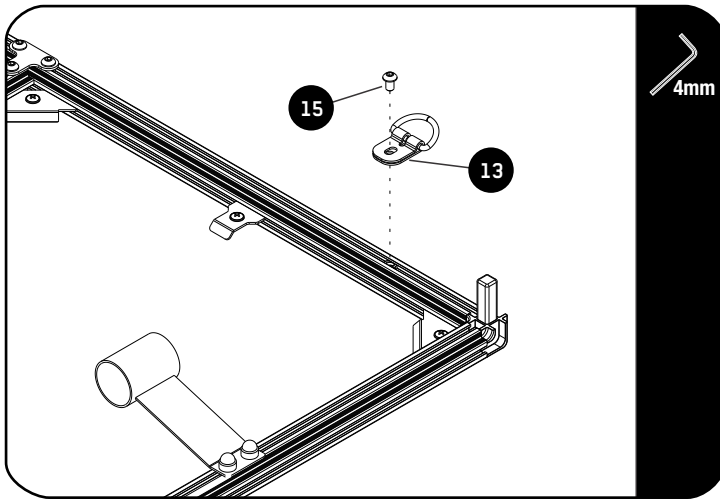


FIGURE 7.1

NOTE: D-Rings can be assembled on the bottom or side of the extrusion. Bottom Orientation shown, must have Thin Nuts assembled in Step 2.



7.1



Loosely assemble the D-Rings (Item 13) using the two outer M6 Thin Nuts (Item 18) that was loaded in Step 2.1 and a M6 x 10 Button Head Bolt (Item 15).

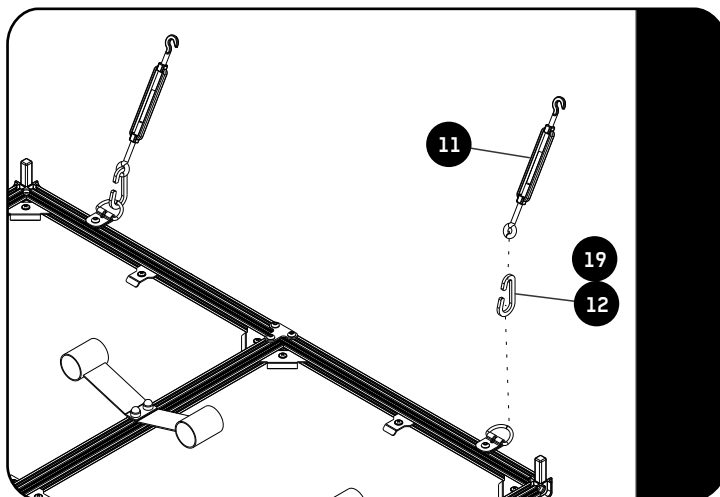
Repeat on the opposite side.



Tightening Torque:

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

7.2



Hook the Carabiner - Large or Small, depending on the vehicle's mounting points - and Turn Buckle (Items 11 & 12 or 19) onto the D-Rings for use when installing in the vehicle.

Do not tighten fasteners yet, D-Rings should still slide freely in the T-slot.

IN THE BOX

1	1 X	Sub-assembly 6
2	1 X	Sub-assembly 2
3	1 X	Extrusion 250mm Long
6	4 X	Side Strut
17	16 X	M6 x 8 Button Head Bolts
18	20 X	M6 Thin Nut
20	4 X	Corner Gusset
22	48 X	M6 x 12 Hex Bolt
23	48 X	M6 Nyloc Nut
24	48 X	M6 Nut Cap

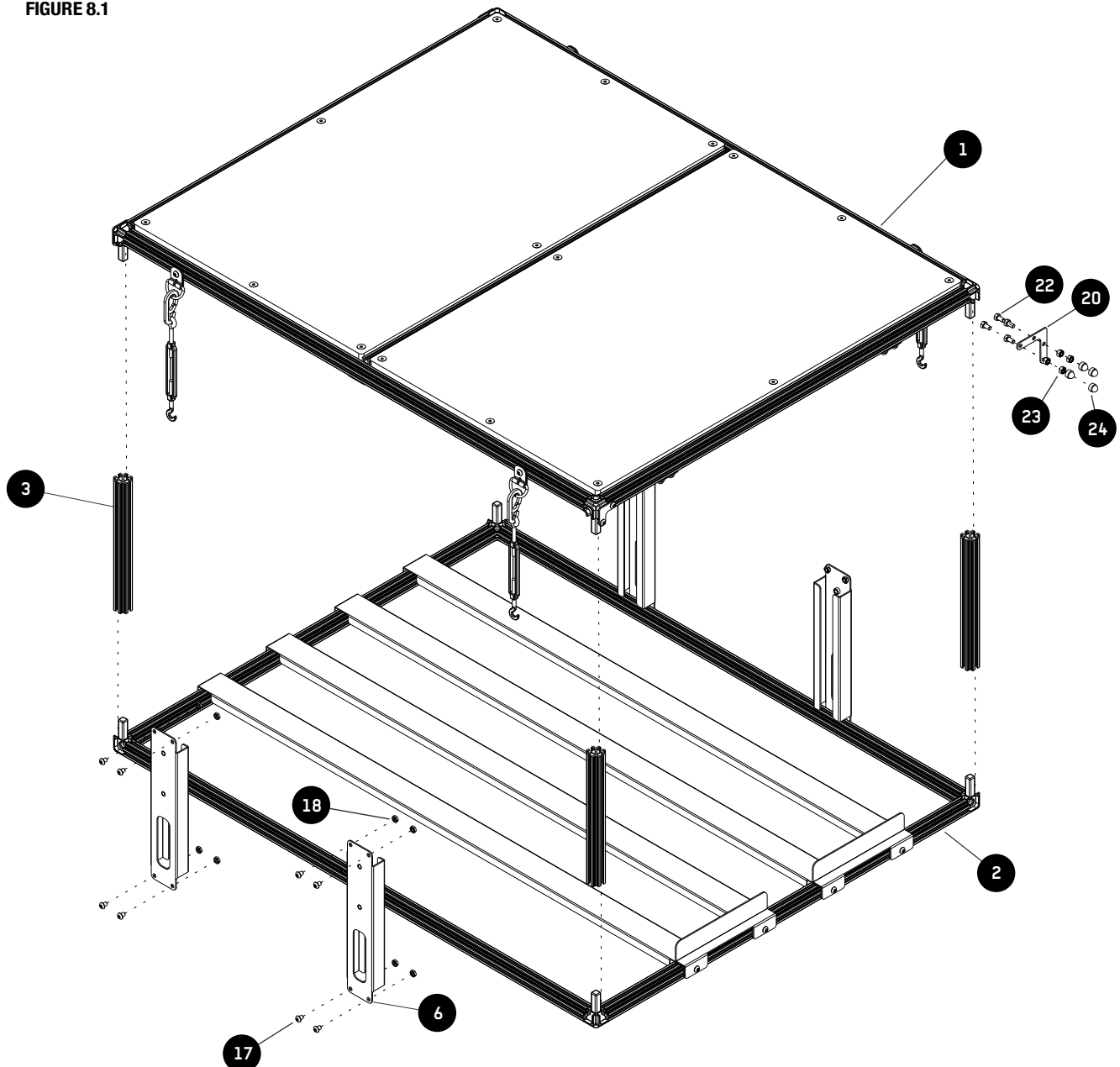
TOOLS NEEDED



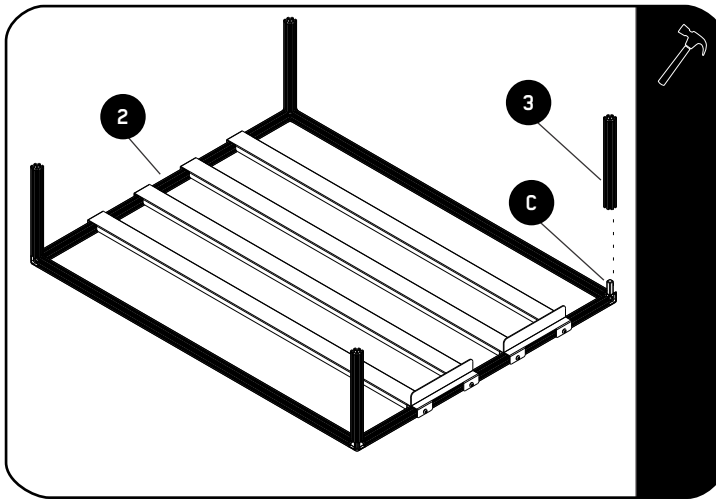
4mm

Rubber Mallet

FIGURE 8.1



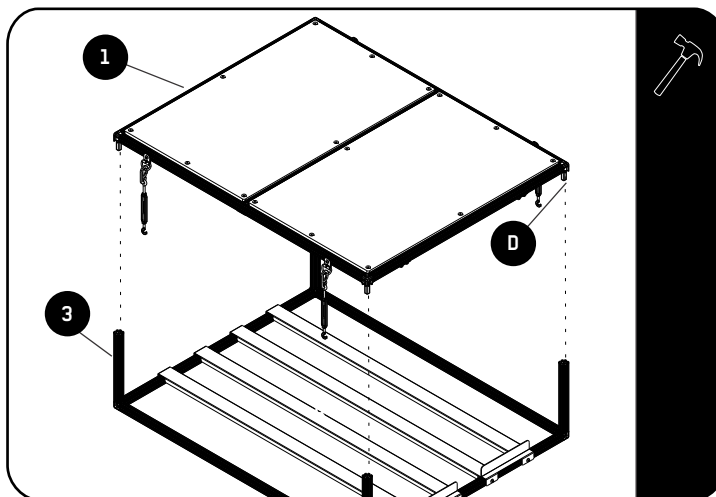
8.1



On a flat surface, place Sub-assembly 2 (Item 2) so the remaining stems on the corners are facing upward.

Assemble the 250mm Long Extrusions (Item 3) by placing them firmly on these stems (C) and gently knocking them in place with a Rubber Mallet.

8.2

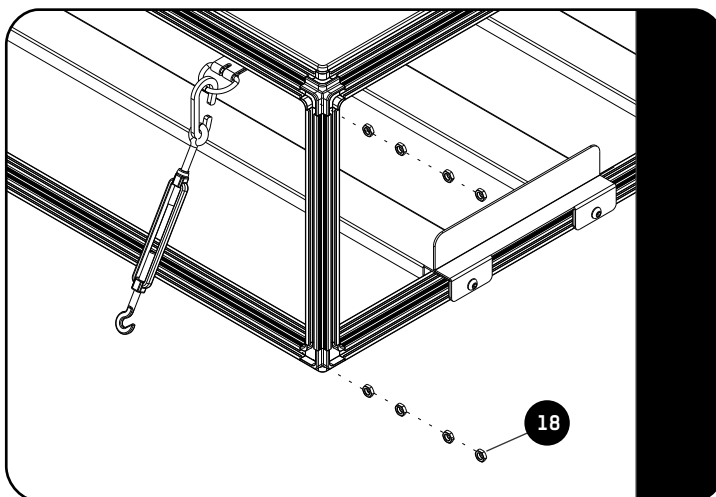


Flip Sub-assembly 6 (Item 1), so the remaining stems (D) on the corners are facing downwards.

Assemble by placing the stems firmly into the 250mm Long Extrusions (Item 3) and gently knocking them in place with a Rubber Mallet.

Note the Orientation - the Turn Buckles should be on the sides.

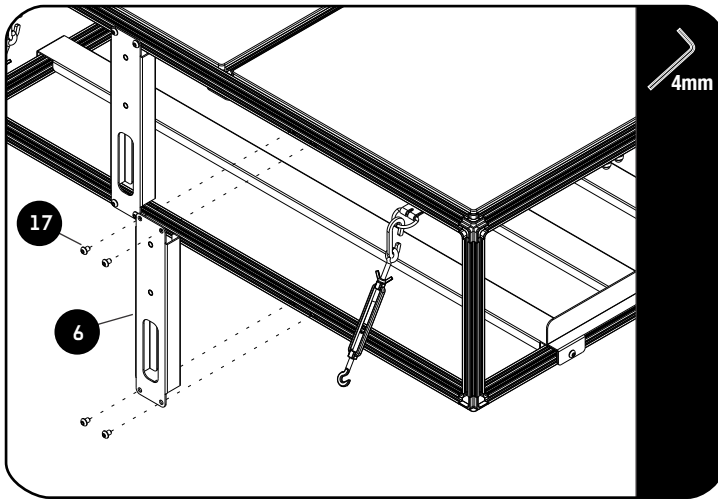
8.3



Load four M6 Thin Nuts (Item 18) into the outer T-Slot on the bottom and top Extrusions parallel to the Bottom Supports, as shown in Fig 8.3.

Repeat on the opposite side.

8.4



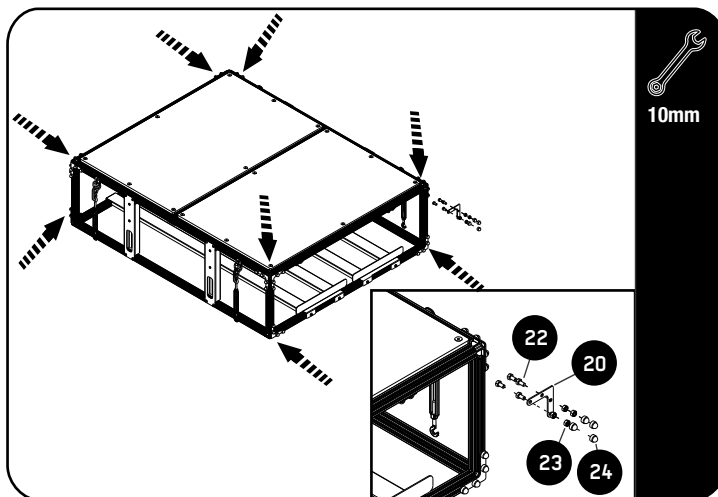
Loosely assemble two Side Struts (Item 6) on each side using M6 x 8 Button Head Bolts (Item 17), 265mm from the front and back, measured from the middle of the strut to the end of the Extrusion.



Tightening Torque:

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

8.5



Loosely assemble the Corner Gusset (Item 20) using four M6 x 12 Hex Bolts (Item 22) and four M6 Nyloc Nuts (Item 23). Load the whole assembly into the front and back corners, top and bottom, as shown. Load the remaining four Gusset Assemblies into the top corners on each side.

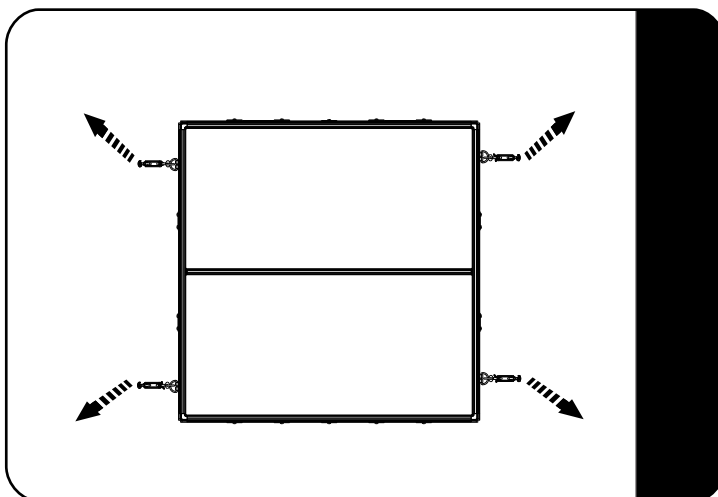
Tighten all fasteners and place M6 Nut Caps (Item 24) over the M6 Nyloc Nuts.



Tightening Torque:

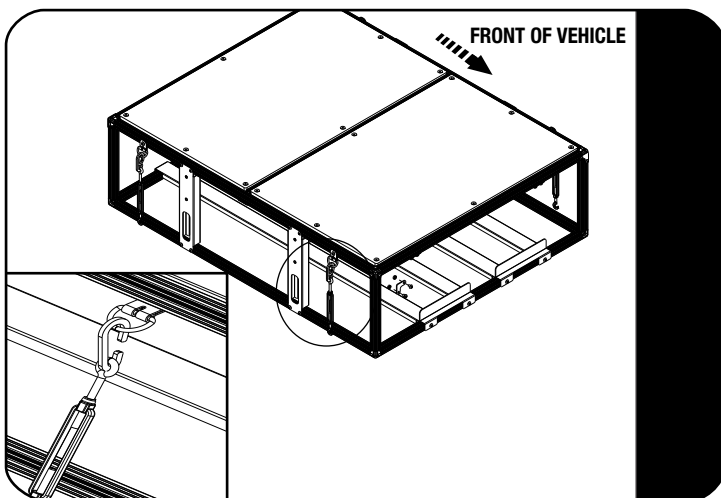
M6 : 8-10Nm / 5.9 ft lb - 7.38 ft lb

8.6



Place the Drawer System in the vehicle and center it. Make sure the Turnbuckles will be pulling outward to the existing mounting points in the vehicle to prevent it from moving after it has been secured.

8.7



Position the D-Rings so that the Turnbuckles will pull outward to prevent the Drawer System from moving after it has been secured.

Connect each Turnbuckle to the existing tie-downs that are fitted to the vehicle and tighten the fasteners on the D-Rings.

Secure the Drawer System by tensioning the Turnbuckles until there is no more movement on the Drawer System. Make sure the Drawer System stays in position when doing this.



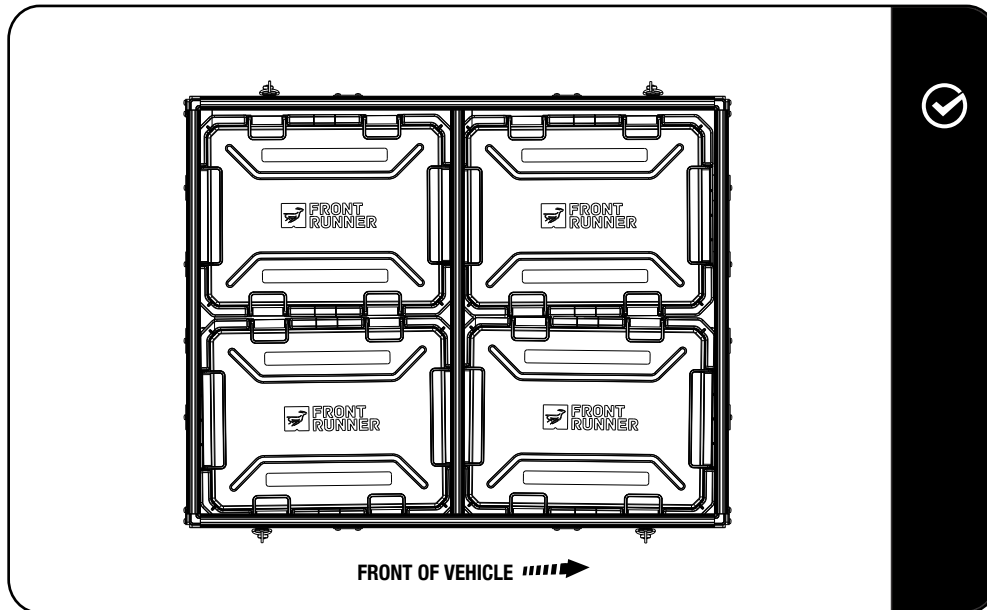
Note the different possible orientations of the D-Ring shown.



Lock the Turn Buckles with the Nuts supplied with the Turn Buckles. Do this by tightening the Nuts up to the Turn Buckle centre part.

BOX PLACEMENT AND COMPLETION

9.1 Load your Storage System with four SB0X031 - noting the orientation.



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

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.

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: 