

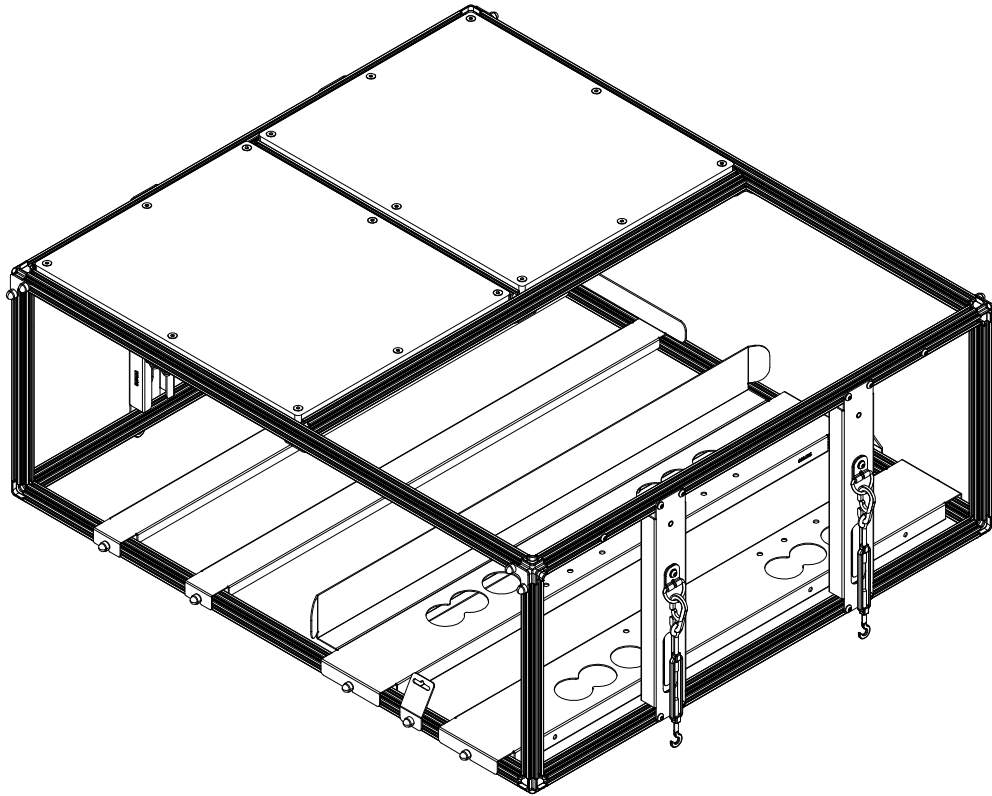


FRONT RUNNER
VEHICLE OUTFITTERS

35L / 45L FRIDGE & 2 WOLF PACK STORAGE SYSTEM

ENG

SSW0100



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 810mm Long
2	4 X	Extrusion 925mm Long
3	4 X	Extrusion 315mm Long
2	1 X	Extrusion 487.25mm Long
5	8 X	Corner
6	4 X	Joiner Plate
7	12 X	Corner Gusset
8	8 X	Corner Bracket
9	8 X	Middle Bracket
10	4 X	Side Strut
11	2 X	Decking
12	2 X	Bottom Support
13	1 X	Back Stop
14	2 X	Fridge Bottom Support
15	2 X	Strap Bracket
16	4 X	M6 x 16 Button Head Bolt
17	28 X	M6 x 8 Button Head Bolt
18	10 X	M6 x 12 x 1 Flat Washer
19	68 X	M6 x 12 Hex Bolt
20	2 X	M6 x 16 Hex Bolt
21	74 X	M6 Nut Cap

IN THE BOX

22	74 X	M6 Nyloc Nut
23	32 X	M6 Thin Nut
24	16 X	M6 x 25 Countersunk Socket Screw
25	4 X	Laser Carabiner Hook - 37mm
26	4 X	Laser Carabiner Hook - 60mm
27	4 X	Turn Buckle
28	4 X	M6 D-Ring
29	6 X	Spring
30	4 X	M6 x 10 Button Head Bolt
31	4 X	M6 x 12 Button Head Bolt
32	1 X	Side Divider

TOOLS NEEDED

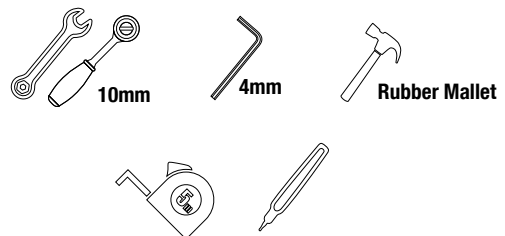
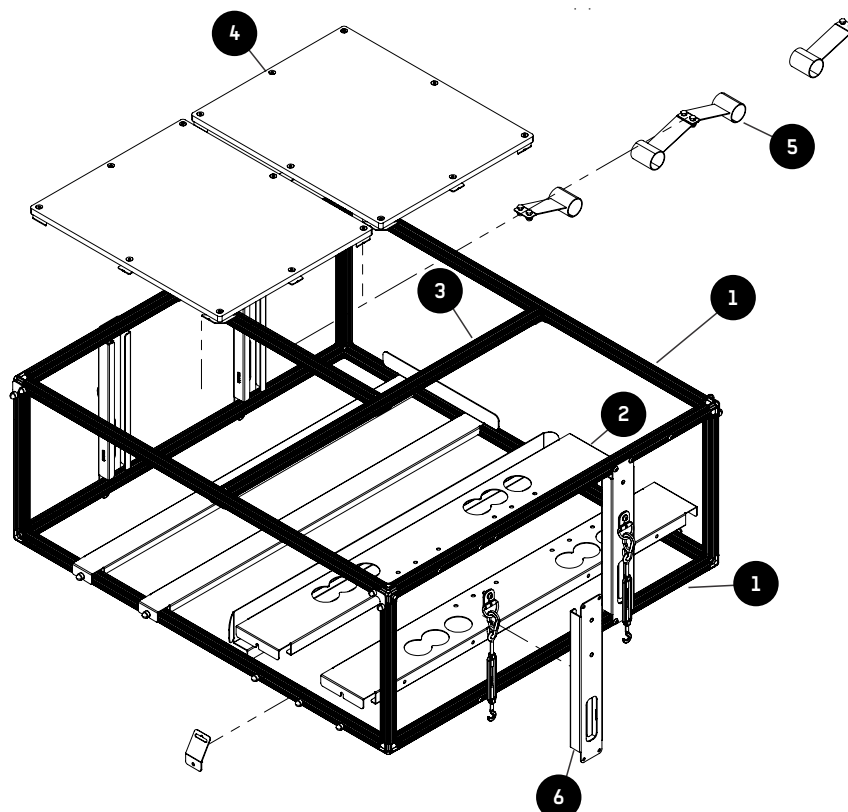


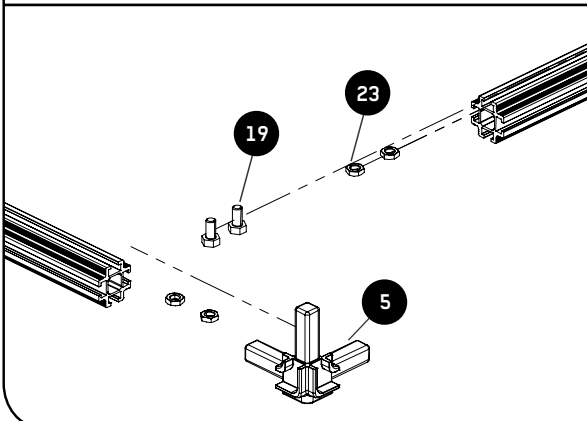
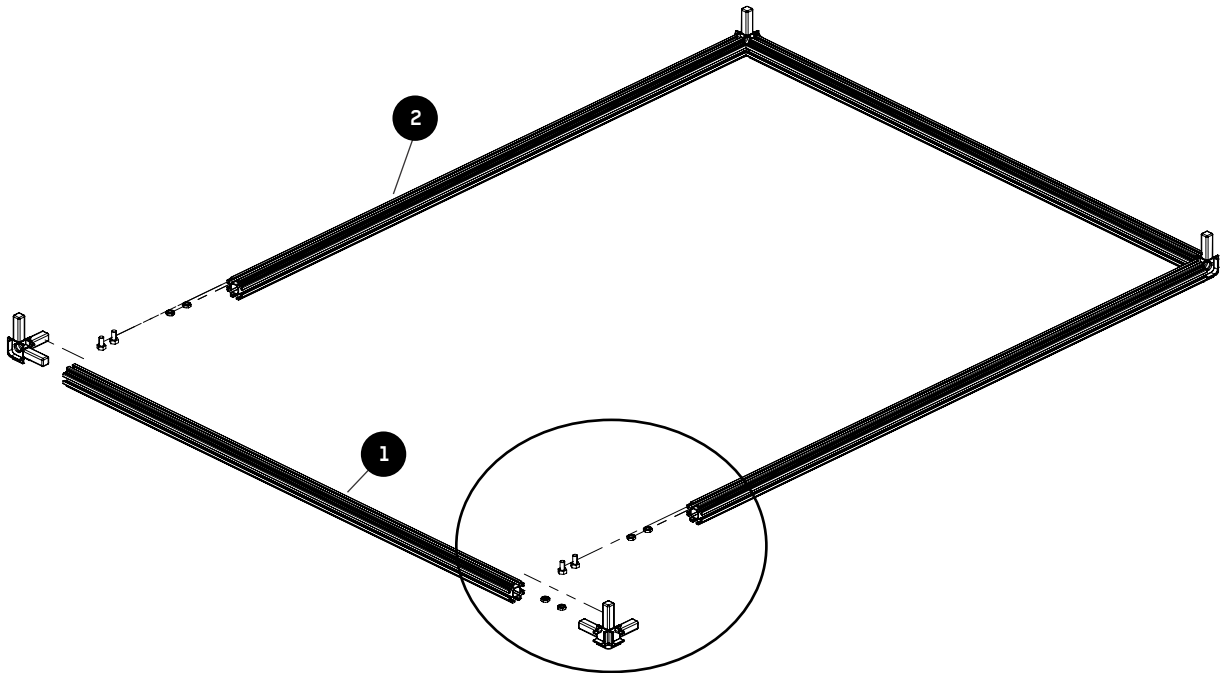
FIGURE 1.1

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



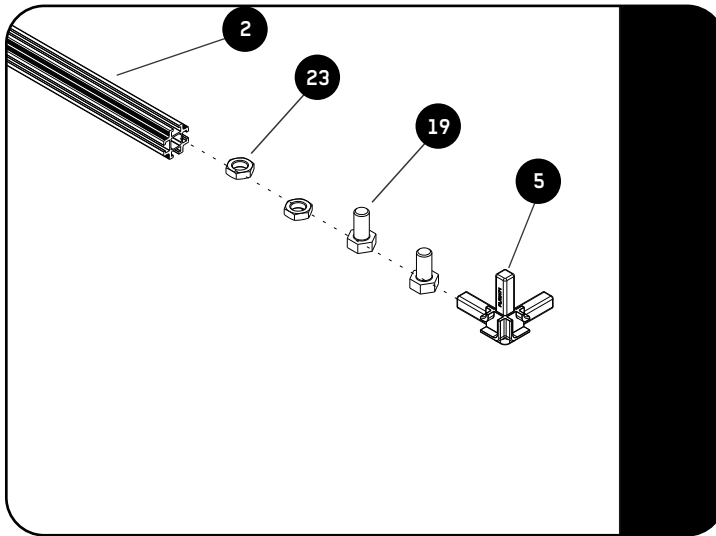
2**SUB-ASSEMBLY 1****IN THE BOX**

1	4 X	Extrusion 810mm Long
2	4 X	Extrusion 925mm Long
5	8 X	Corner
19	4 X	M6 x 12 Hex Bolt
23	6 X	M6 Thin Nut

TOOLS NEEDED**Rubber Mallet****FIGURE 2.1****NOTE: Fasteners (Bolts and Nuts) only apply to the Top Frame Assembly.**

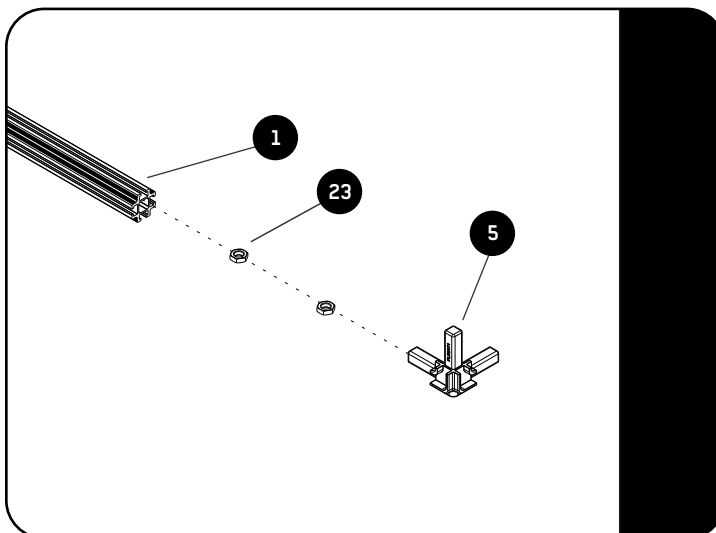
2 SUB-ASSEMBLY 1

2.1



⌚ Load two M6 x 12 Hex Bolts and two M6 Thin Nuts (Items 19 & 23) into a 925mm Long Extrusion (Item 2), as shown in Fig. 2.1. Repeat on another 925mm Long Extrusion and place these opposite each other.

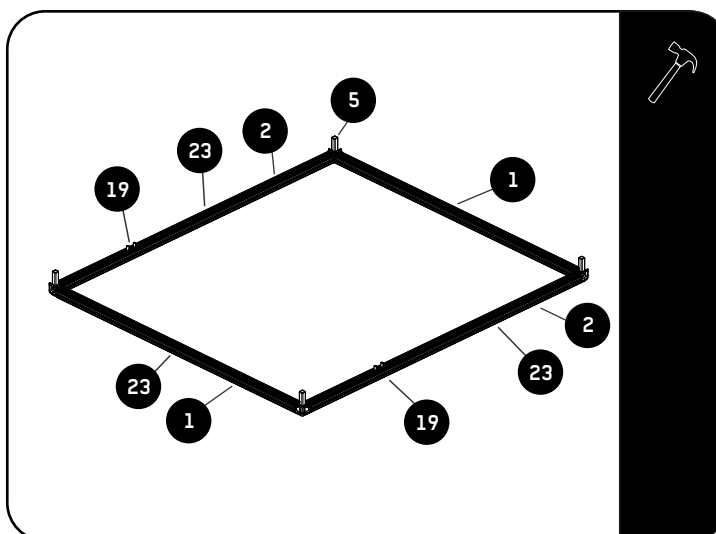
2.2



⌚ Load two M6 Thin Nuts (Item 23) into one of the two 810mm Long Extrusions (Item 1), as shown in Fig. 2.2. Place this and the remaining (empty) 810mm Long Extrusion opposite each other.

On a flat, level surface, loosely assemble the Extrusions (Items 1 & 2) and four Corners (Item 5).

⚠ 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.



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

⚠ Repeat Steps to assemble another square frame, but leave out the M6 x 12 Hex Bolts and M6 Thin Nuts. This would be the Bottom Frame. Set aside for later use.

IN THE BOX

1	1 X	Bottom Frame assembled in Step 2
12	2 X	Bottom Support
13	1 X	Back Stop
14	2 X	Fridge Bottom Support
15	2 X	Strap Bracket (Optional)
18	6 X	M6 x 12 x 1 Flat Washer
19	8 X	M6 x 12 Hex Bolt
20	2 X	M6 x 16 Hex Bolt
21	14 X	M6 Nut Cap
22	14 X	M6 Nyloc Nut
31	4 X	M6 x 12 Button Head Bolt
32	1 X	Side Divider

TOOLS NEEDED

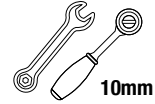
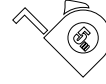
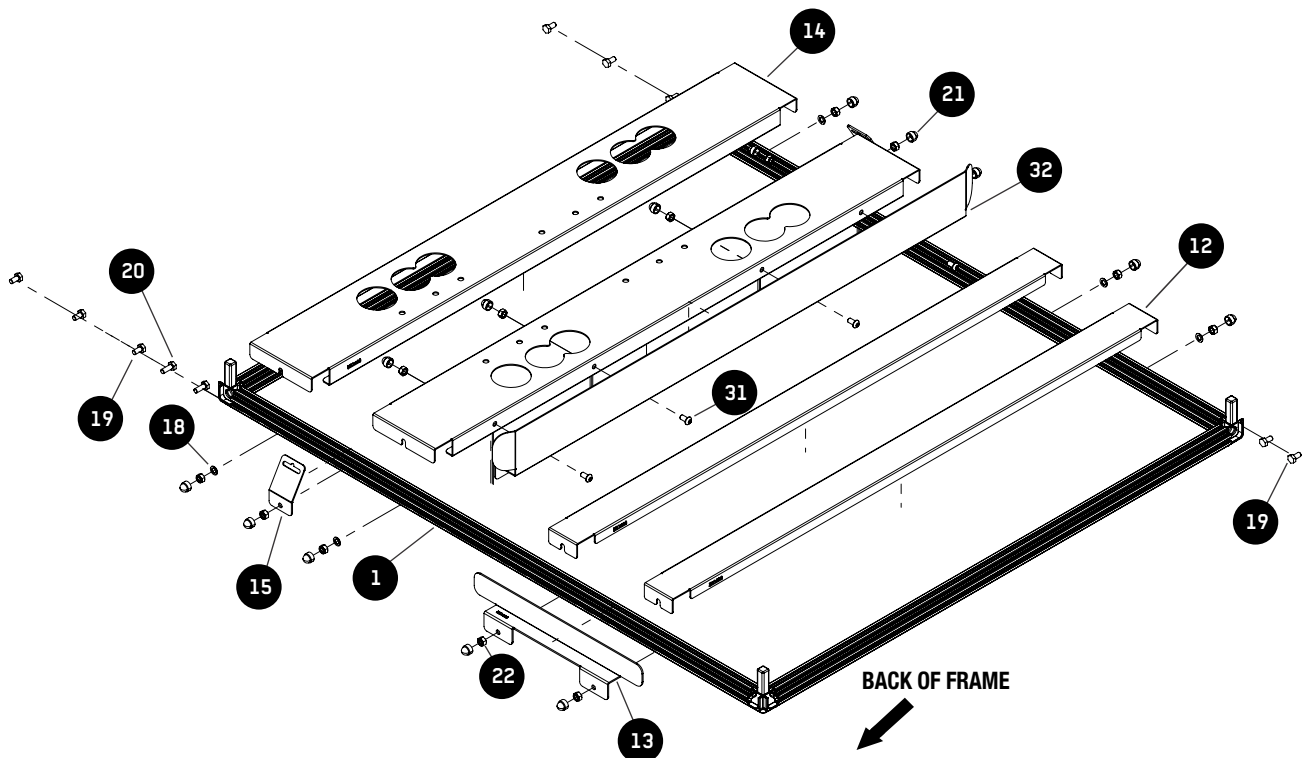
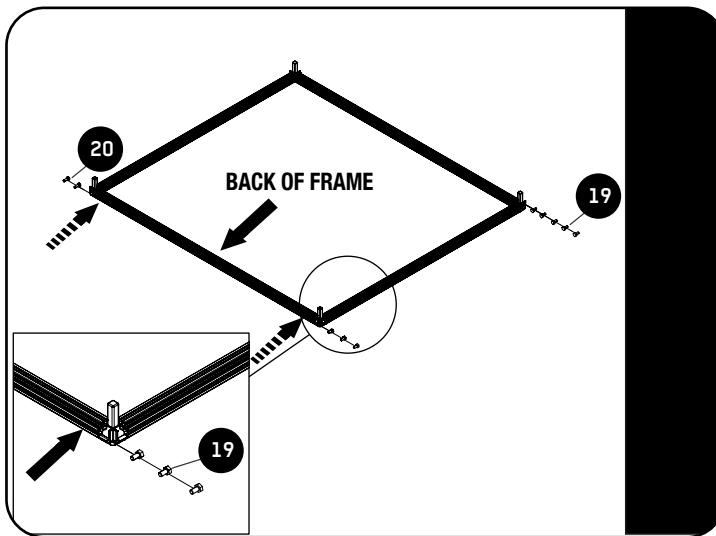


FIGURE 3.1

NOTE: Bottom Frame is Similar to the top frame, but with no pre-loaded fasteners.
The fridge can be installed on either the LH or RH side.



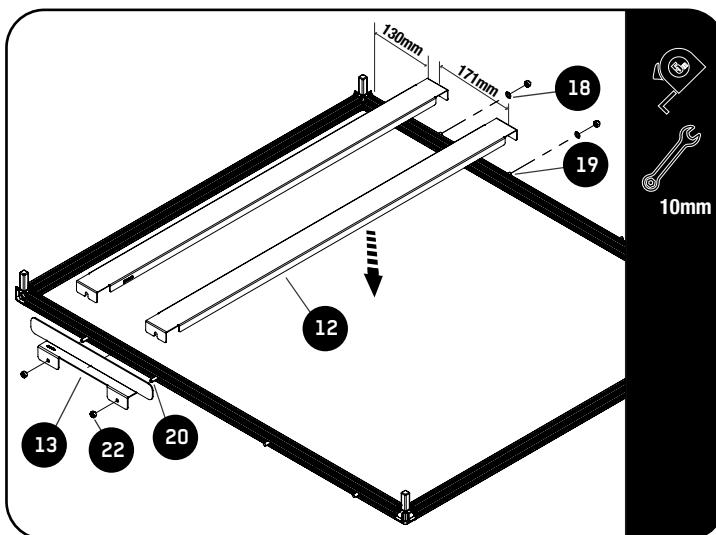


Starting with the Bottom Frame, as assembled in Step 2, load two M6 x 16 Hex Bolts and three M6 x 12 Hex Bolts (Items 19 & 20) into one of the 925mm Long Extrusions, using the slot on the outside of the Corner and Extrusion. This will be the back of the frame.

Load five M6 x 12 Hex Bolts (Item 19) into the outside slot of the 925mm Long Extrusion on the opposite side, as shown in step 3.1.

This will be the front of the frame.

3.2



Place the two Bottom Supports (Items 12) over the Extrusions loaded in Step 3.1. Using the M6 x 16 Hex Bolts (Item 20) at the back and the corresponding M6 x 12 Hex Bolts (Item 19) at the front, slot the Bottom Supports into place.

Space the Bottom Supports, by measuring 171mm centre to centre and 130mm from the inside of the Extrusion to the side of the Bottom Support.

Place the Back Stop (Item 13) on the M6 x 16 Hex Bolts at the back and secure using two M6 Nyloc Nuts (Item 22). In the front, secure the Bottom Supports using two M6 x 12 x 1 Flat Washers and two M6 Nyloc Nuts (Items 18 & 22).



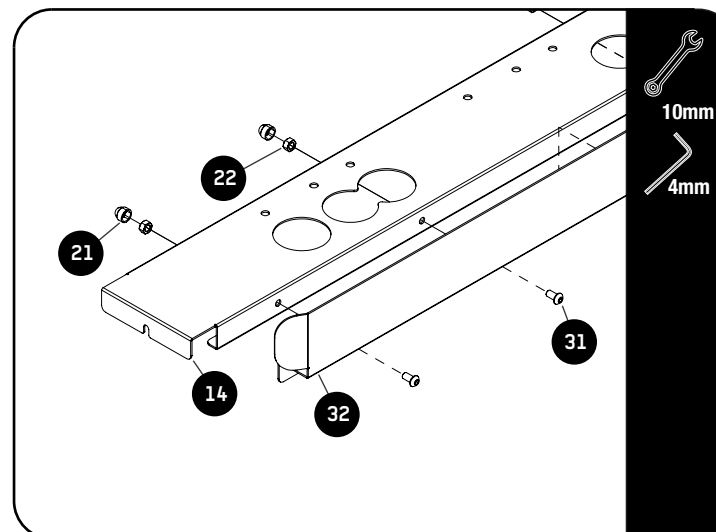
Tightening Torque:

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



Fridge RH position shown in 3.1, Fridge LH position shown in 3.2.

3.3



On a suitable flat surface, secure the Side Divider (Item 32) to the inner Fridge Bottom Support (Item 14), using four M6 x 12 Button Head Bolts and four M6 Nyloc Nuts (Items 31 & 22).

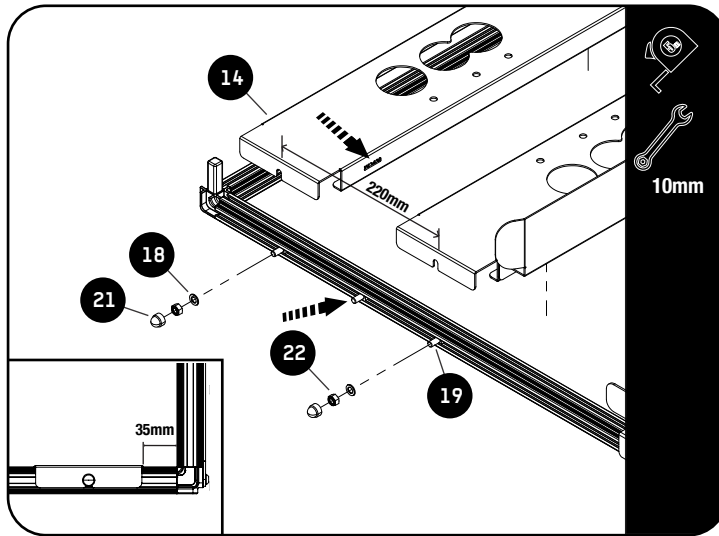


Tightening Torque:

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

Tighten all fasteners and place M6 Nut Caps (Item 21) on all Nyloc Nuts.

3.4



Place the two Fridge Bottom Supports (Items 14) over the Extrusions loaded in Step 3.1. Using the M6 x 12 Hex Bolts (Item 19) at both ends, slot the Fridge Bottom Supports into place. Note 1 bolt in between left open.

Space the Bottom Supports, by measuring 220mm centre to centre and 35mm from the side of the Extrusion to the side of the outer Fridge Support.

Secure the Fridge Bottom Supports using two M6 x 12 x 1 Flat Washers and two M6 Nyloc Nuts (Items 18 & 22) on each side.



Tightening Torque:

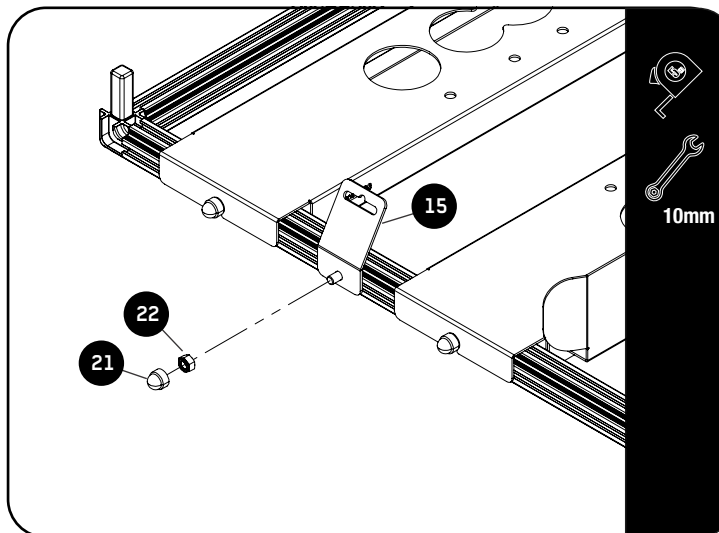
M6 : 8-10Nm / 5.9 ft lb - 7.38 ft lb

Tighten all fasteners and place M6 Nut Caps (Item 21) on all M6 Nyloc Nuts.



NOTE: Part Number Cut out indicates the rear of the support

3.5



Measure 110mm between the Fridge Bottom Supports and align the M6 x 12 Hex Bolts, on the front and back. Place the Strap Brackets (Item 15) on the M6 x 12 Hex Bolts and secure using M6 Nyloc Nuts (Item 22).

Tighten all fasteners, place M6 Nut Caps (Item 21) on the M6 Nyloc Nuts and put assembly aside.



Tightening Torque:

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

4

SUB-ASSEMBLY 3

IN THE BOX

1	1 X	Extrusion 810mm Long
2	1 X	Top Frame assembled in Step 2
4	1 X	Extrusion 487.25mm Long
6	4 X	Joiner Plate
17	12 X	M6 x 8 Button Head Bolt
19	2 X	M6 X 12 Hex Bolt
23	6 X	M6 Thin Nut

TOOLS NEEDED

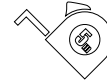
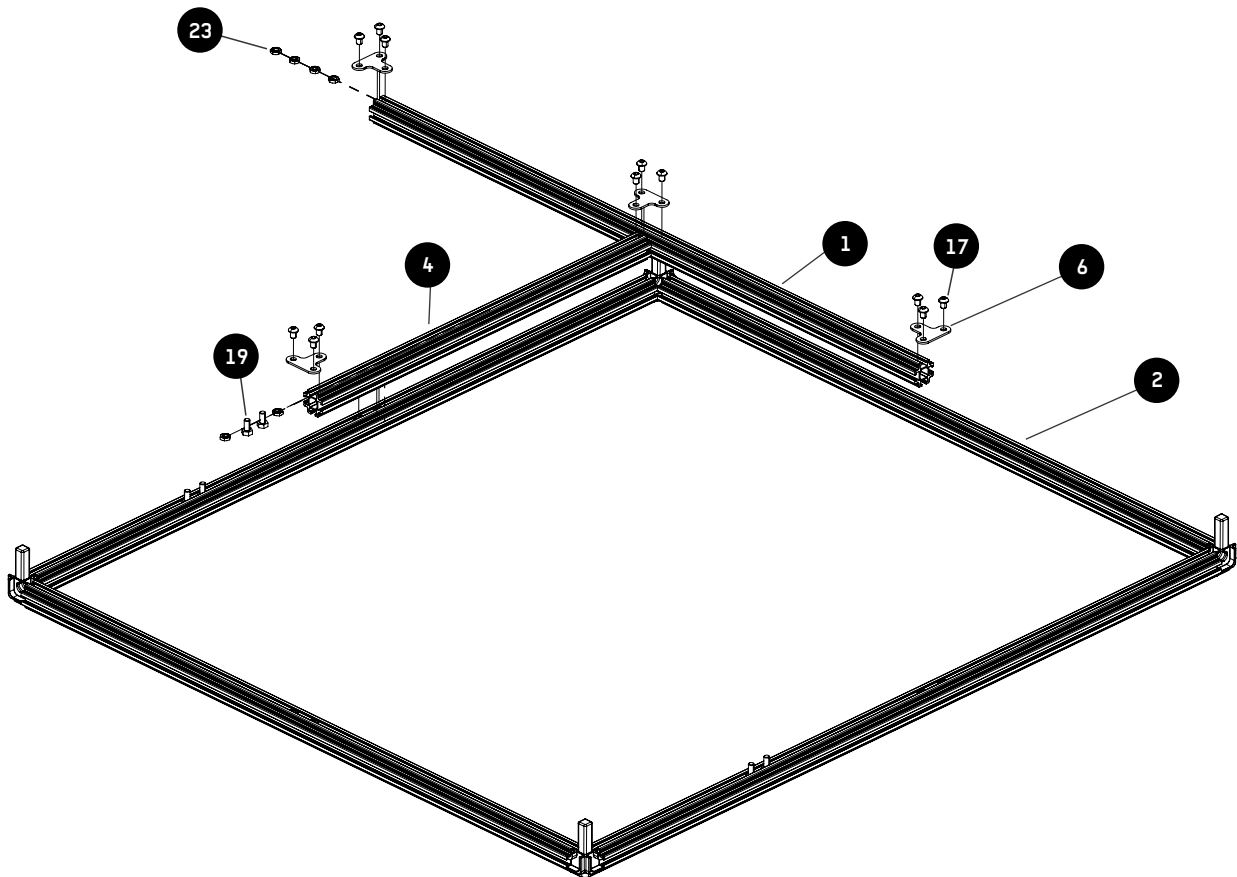
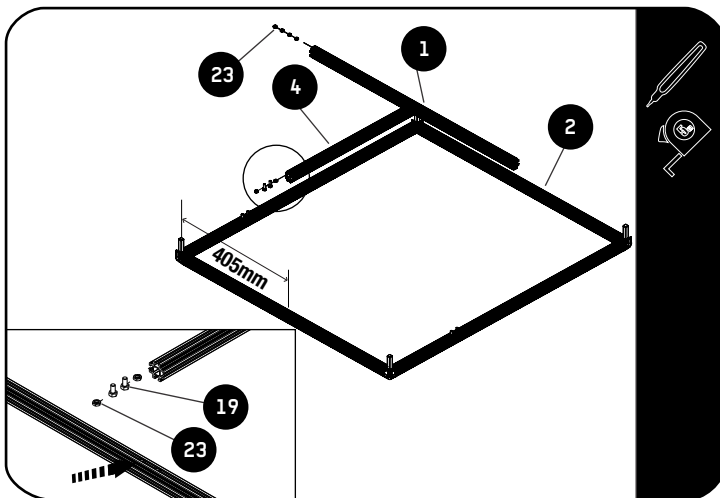


FIGURE 4.1



4.1



Starting on the Top Frame (Item 2) assembled and put aside in Step 2, measure 405mm and mark the position with a marking pen, as shown in 4.1.

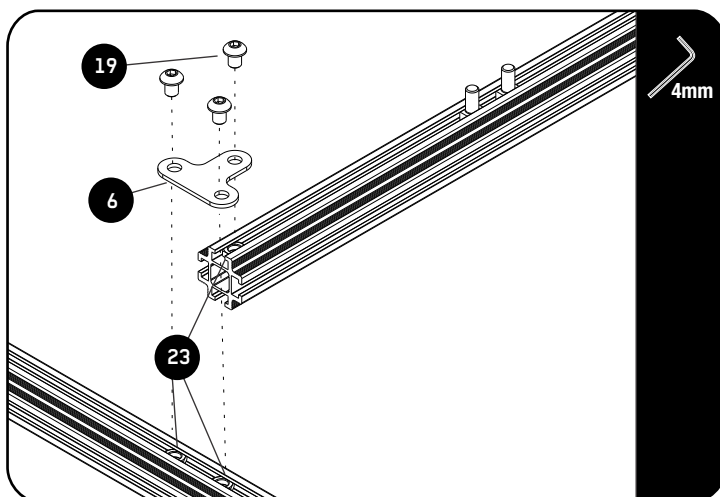


Note the position in relation to the Bolts and Thin Nuts.

Load a M6 Thin Nut, two M6 x 12 Hex Bolts and another M6 Thin Nut (Items 23 & 19) into a slot on the 487.25mm Long Extrusion (Item 4) and center around the mark made.

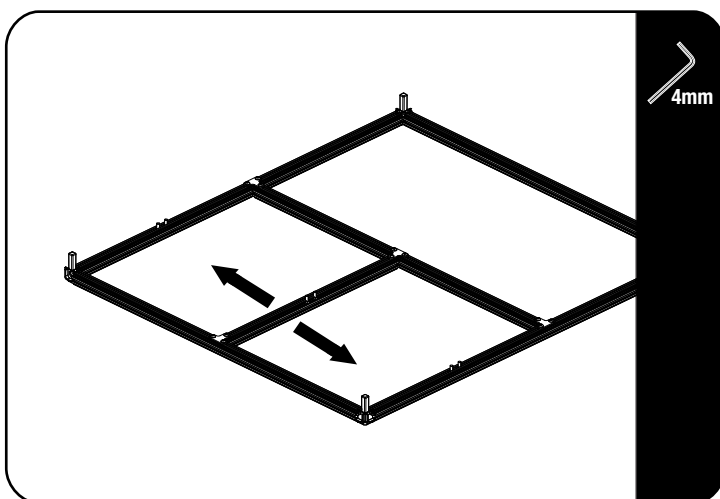
Load four M6 Thin Nuts (Item 23) into a slot on the last 810mm Long Extrusion (Item 1) and place perpendicular to the 487.25mm Long Extrusion.

4.2



Loosely assemble the Joiner Plates (Item 6) on each end of the Extrusions placed in step 4.1 using the M6 Thin Nuts (Item 23), loaded in Step 4.1 and M6 x 8 Button Head Bolts (Item 17).

4.3



Ensure that the 810mm Long Extrusion is square with the rest of the frame. Fully tighten the fasteners on both Joiner Plates connecting this Extrusion.

Do not tighten the Joiner Plates connecting the 487.25mm Extrusion. This should still slide freely.



Tightening Torque:

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

5

SUB-ASSEMBLY 4

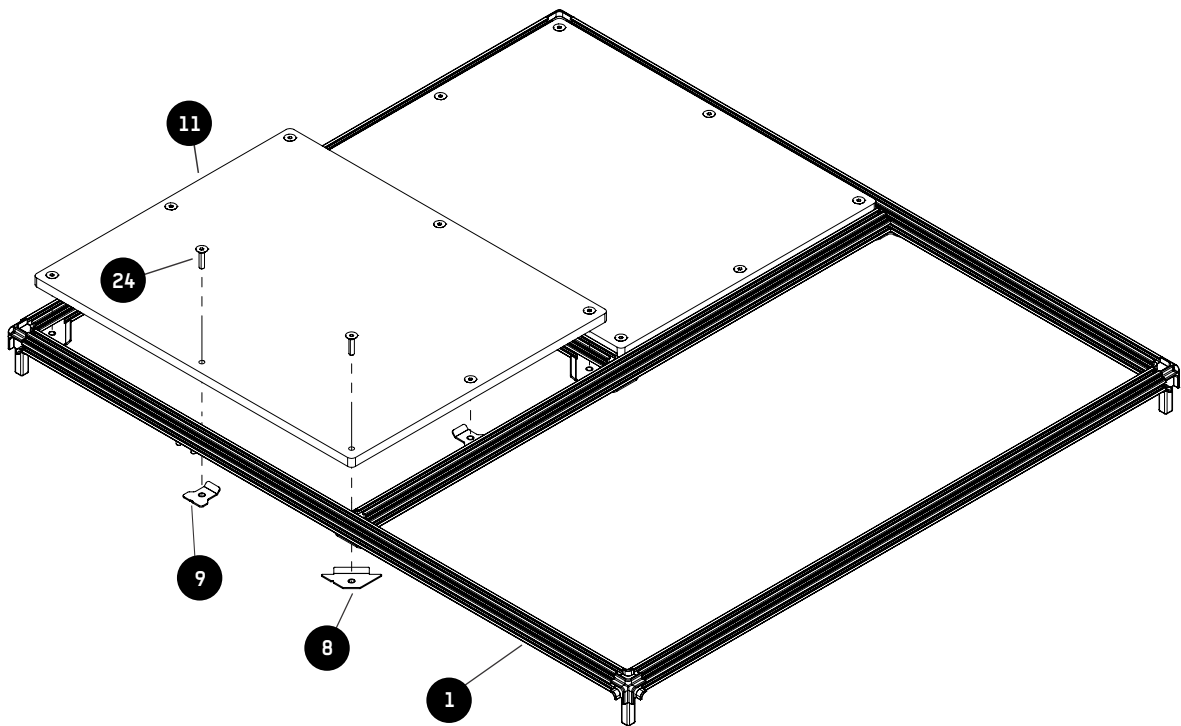
IN THE BOX

1	1 X	Sub-assembly 3
8	8 X	Corner Bracket
9	8 X	Middle Bracket
11	2 X	Decking
24	16 X	M6 x 25 Countersunk Screw

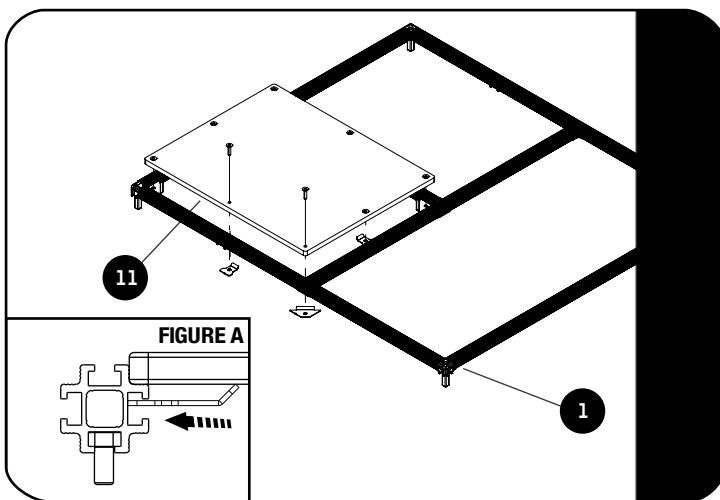
TOOLS NEEDED



FIGURE 5.1



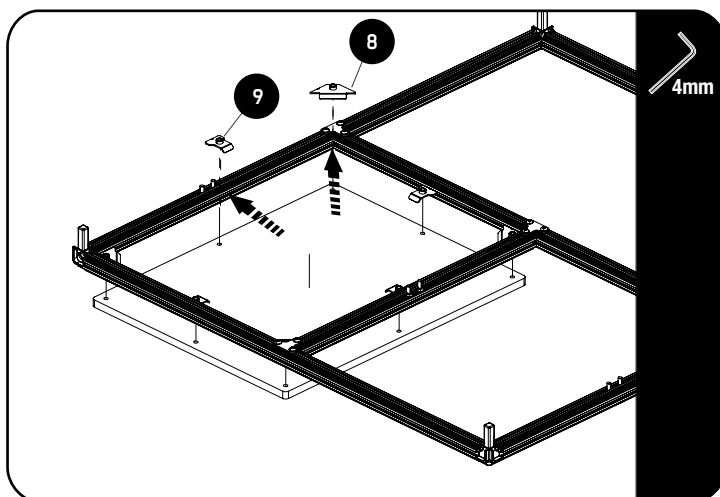
5.1



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 11) top of the frame, with holes facing down, carpet side up.

5.2



Hold one Corner Bracket (Item 8) in each corner by slotting it into the inner slot of the Extrusion, underneath the Deck, as indicated by the arrow in Fig A and Fig 5.2, and align the Minarbs with the holes on the Deck. Secure by using a M6 x 25 Countersunk Screw (Item 24), fasten each bracket to the deck, as shown in Fig 5.3. This will attach the Deck to the frame.

Repeat step to assemble all remaining Corner Brackets.

Hold one Middle Bracket (Item 9) 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 Deck. Secure by using a M6 x 25 Countersunk Screw (Item 24), fasten each bracket to the deck, as shown in Fig 5.3.

Repeat step to assemble all remaining Middle Brackets.

Fully tighten Joiner from Step 4.3.

5.3

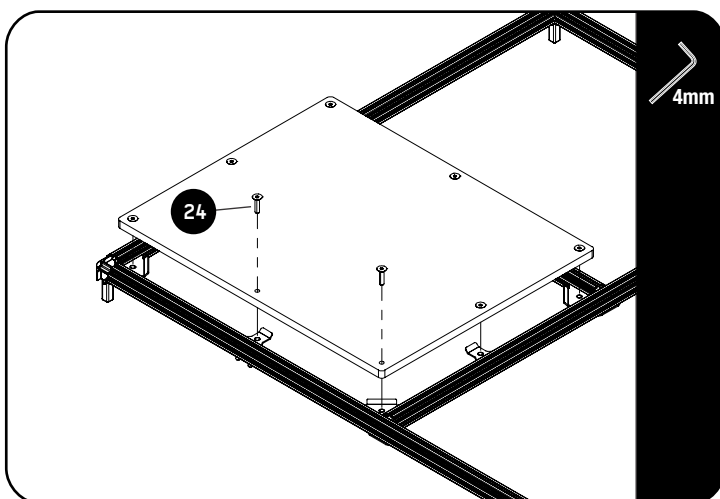


Fig 5.2 shows only the position of the brackets, do keep the deck facing you when assembling



Do Not Over Tighten - tighten until snug.



Tightening Torque:

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

IN THE BOX

1	1 X	Sub-assembly 4
21	6 X	M6 Nut Cap
22	6 X	M6 Nyloc Nut
29	4 X	Spring

TOOLS NEEDED

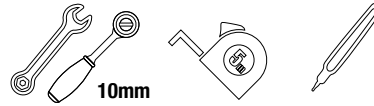
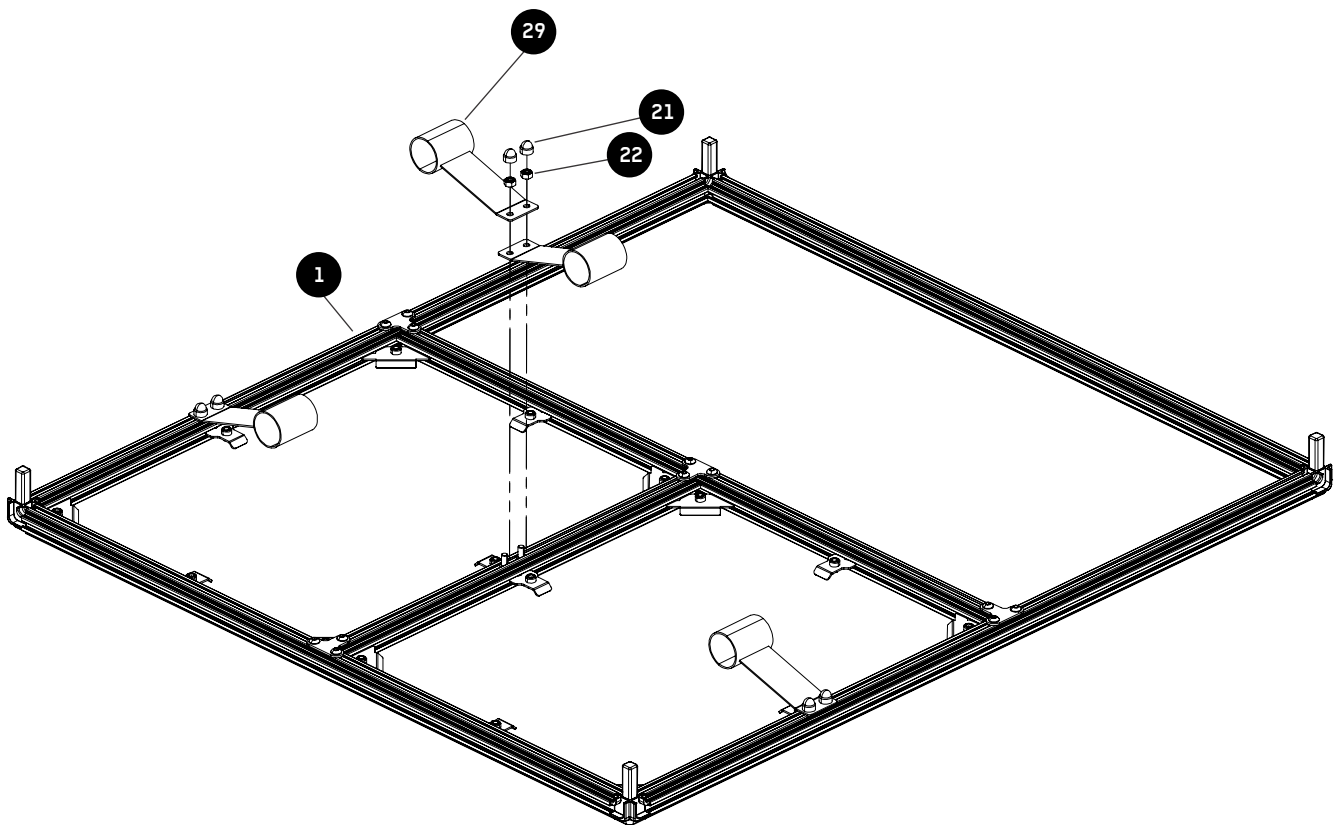
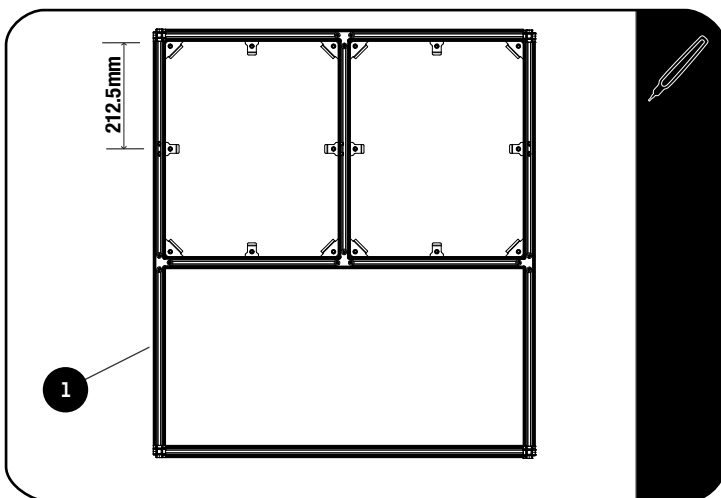


FIGURE 6.1



6.1

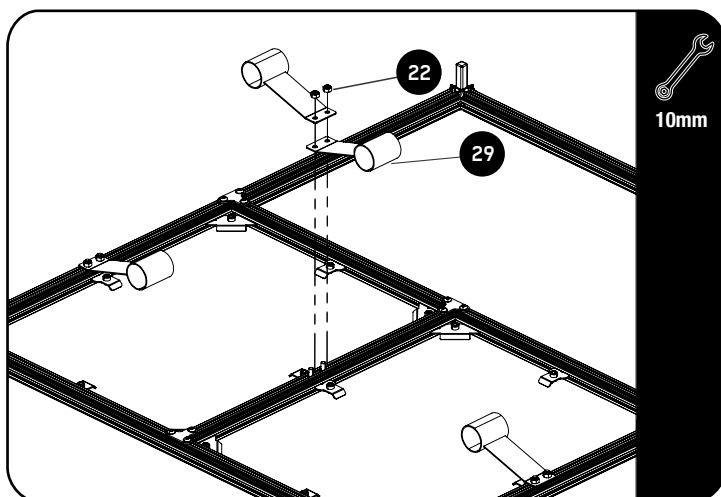


Using Sub-assembly 4 (Item 1) from the previous step, measure 212.5mm from the side, as shown and mark each Extrusion with a Marking Pen.

Using the two bolts loaded in 2.1 and 4.1, loosely assemble the spring and align the center with the 212.5mm measurement.

Do this for the remaining springs.

6.2



Loosely assemble the Springs (Item 29) by placing them over the M6 x 12 Hex Bolts and using the M6 Nyloc Nuts (Item 22), as shown in Fig 6.2.



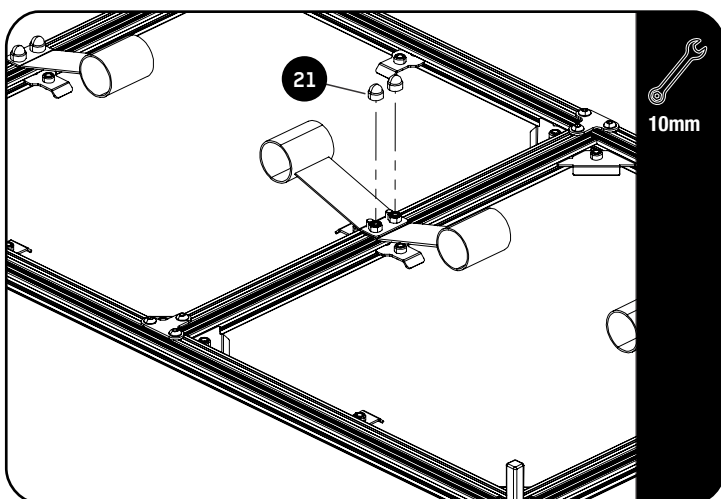
Take note of the Springs' orientation in relation to the Decking. Two Springs will be fitted to the Middle Extrusion, pointing in opposite directions and using the same Hex Bolt set and the similar 212.5mm measurement.



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 21) over each M6 Nyloc Nut.

7

SUB-ASSEMBLY 6

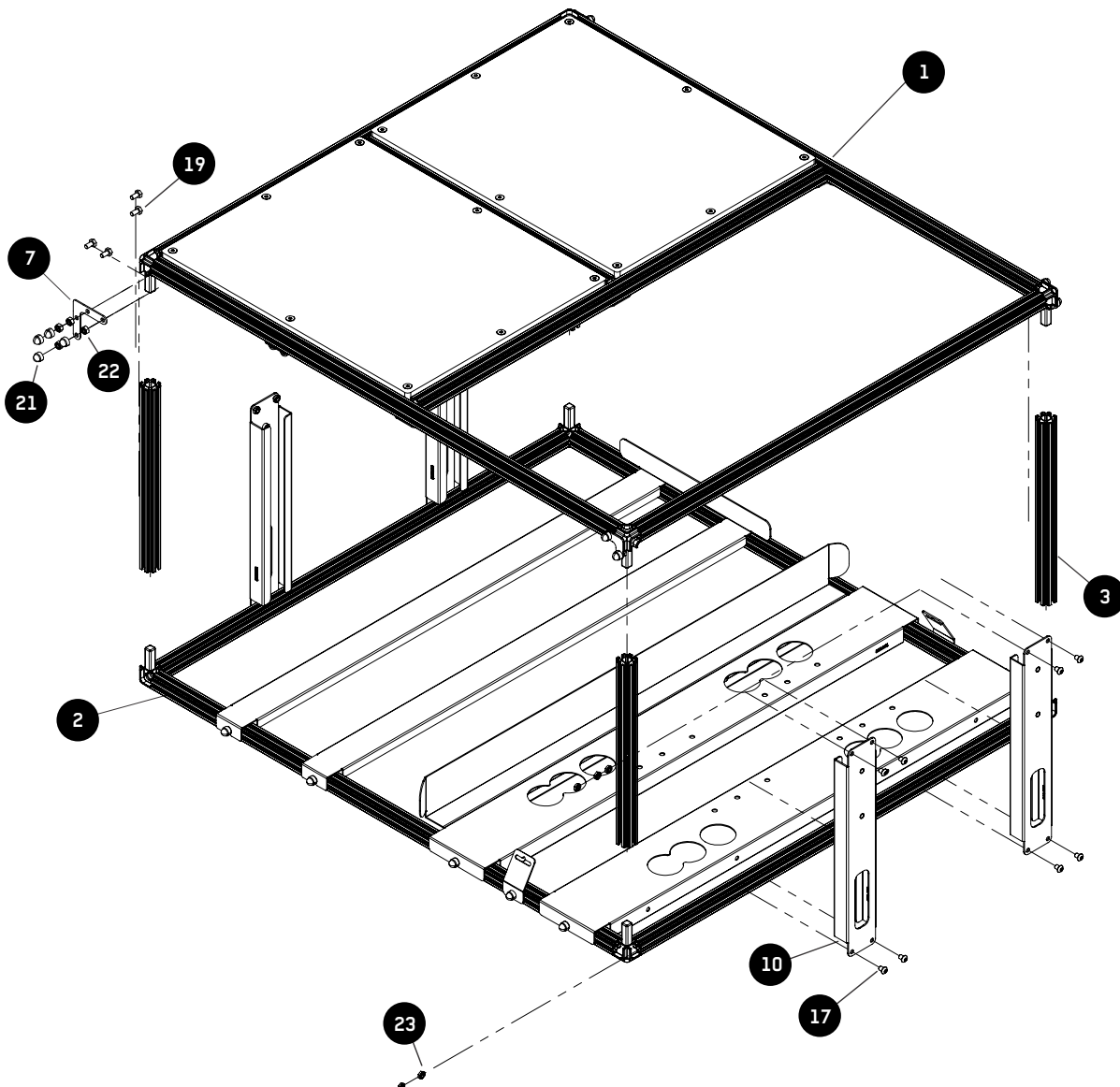
IN THE BOX

1	1 X	Sub-assembly 5
2	1 X	Sub-assembly 2
3	4 X	Extrusion 315mm Long
7	4 X	Corner Gusset
10	4 X	Side Strut
17	16 X	M6 x 8 Button Head Bolt
19	48 X	M6 x 12 Hex Bolt
21	48 X	M6 Nut Cap
22	48 X	M6 Nyloc Nut
23	16 X	M6 Thin Nut

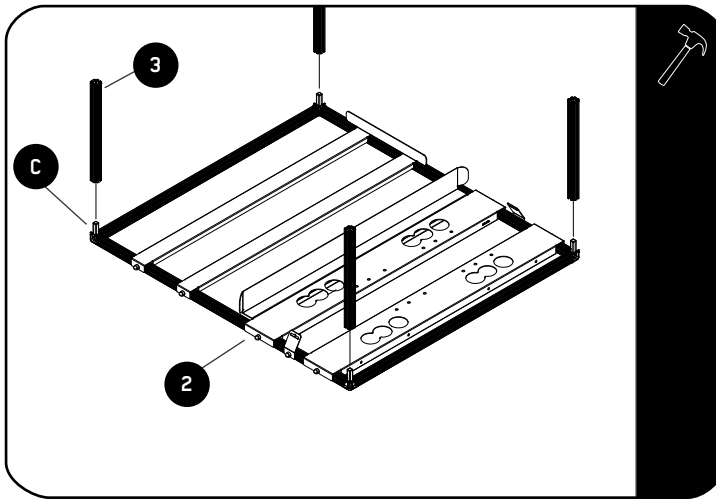
TOOLS NEEDED



FIGURE 7.1



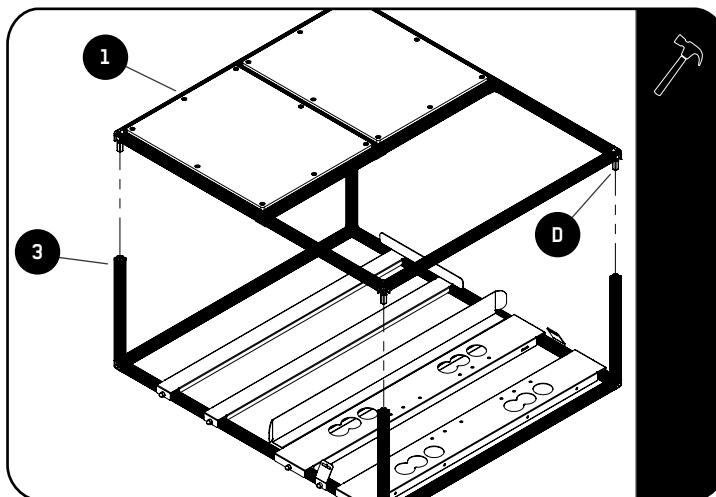
7.1



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

Assemble the 315mm Long Extrusions (Item 3) by placing them firmly on these stems (C) and gently knocking them in place with a Rubber Mallet.

7.2

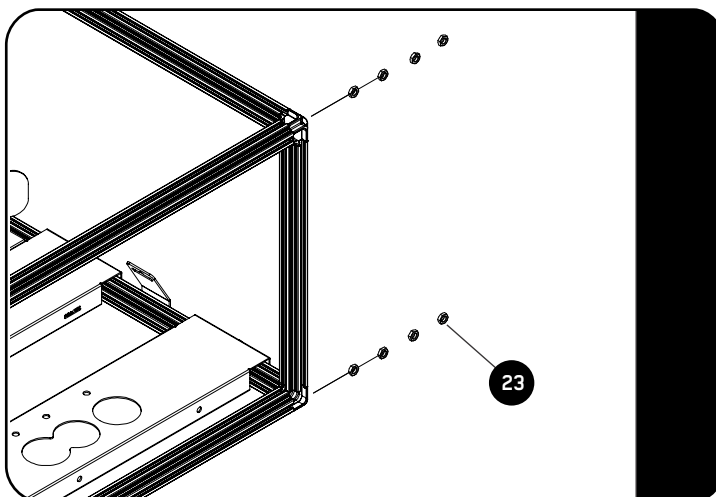


Flip Sub-assembly 5 (Item 1), so the remaining stems (D) on the corners are facing downwards.

Assemble by placing the stems firmly into the 315mm Long Extrusions (Item 3) and gently knocking them in place with a Rubber Mallet.

Note the Orientation

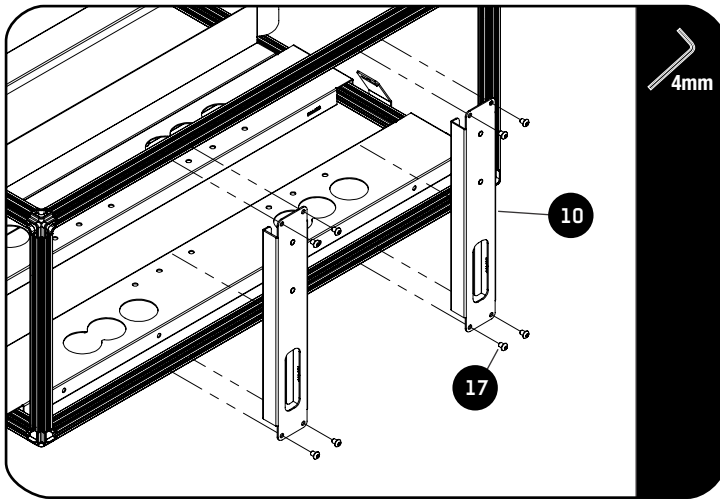
7.3



Load four M6 Thin Nuts (Item 23) 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.

7.4



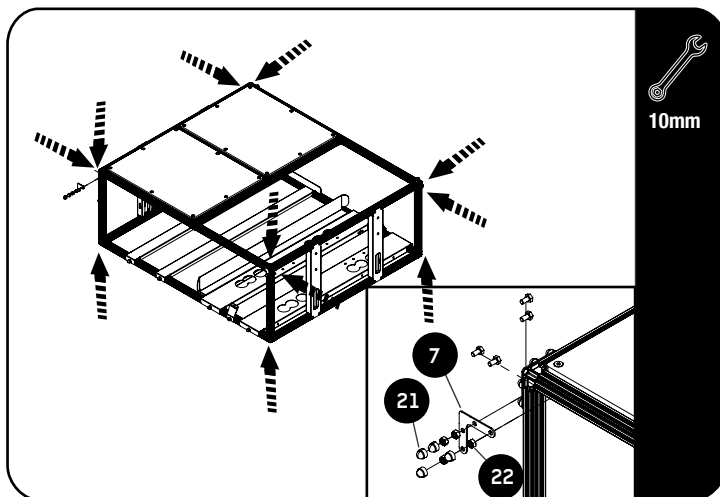
Loosely assemble two Side Struts (Item 10) on each side using M6 x 8 Button Head Bolts (Item 17), 200mm from the front and back, measured from the side of the strut to the end of the Extrusion.



Tightening Torque:

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

7.5



Loosely assemble the Corner Gusset (Item 7) using four M6 x 12 Hex Bolts (Item 19) and four M6 Nyloc Nuts (Item 22). Load the whole assembly into the front and back corners, top and bottom, as shown. Load the four remaining Gusset assemblies into the top corners of each side.

Tighten all fasteners and place M6 Nut Caps (Item 21) on all Nyloc Nuts.



Tightening Torque:

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

IN THE BOX

1	1 X	Sub-assembly 6
16	4 X	M6 x 16 Button Head Bolt
18	4 X	M6 x 12 x 1 Flat Washer
23	4 X	M6 Thin Nut
25	4 X	Laser Carabiner Hook - 37mm
26	4 X	Laser Carabiner Hook - 60mm
27	4 X	Turn Buckle
28	4 X	M6 D-Ring
29	4 X	M6 x 10 Button Head Bolt

TOOLS NEEDED



FIGURE 8.1 (OPTION A)

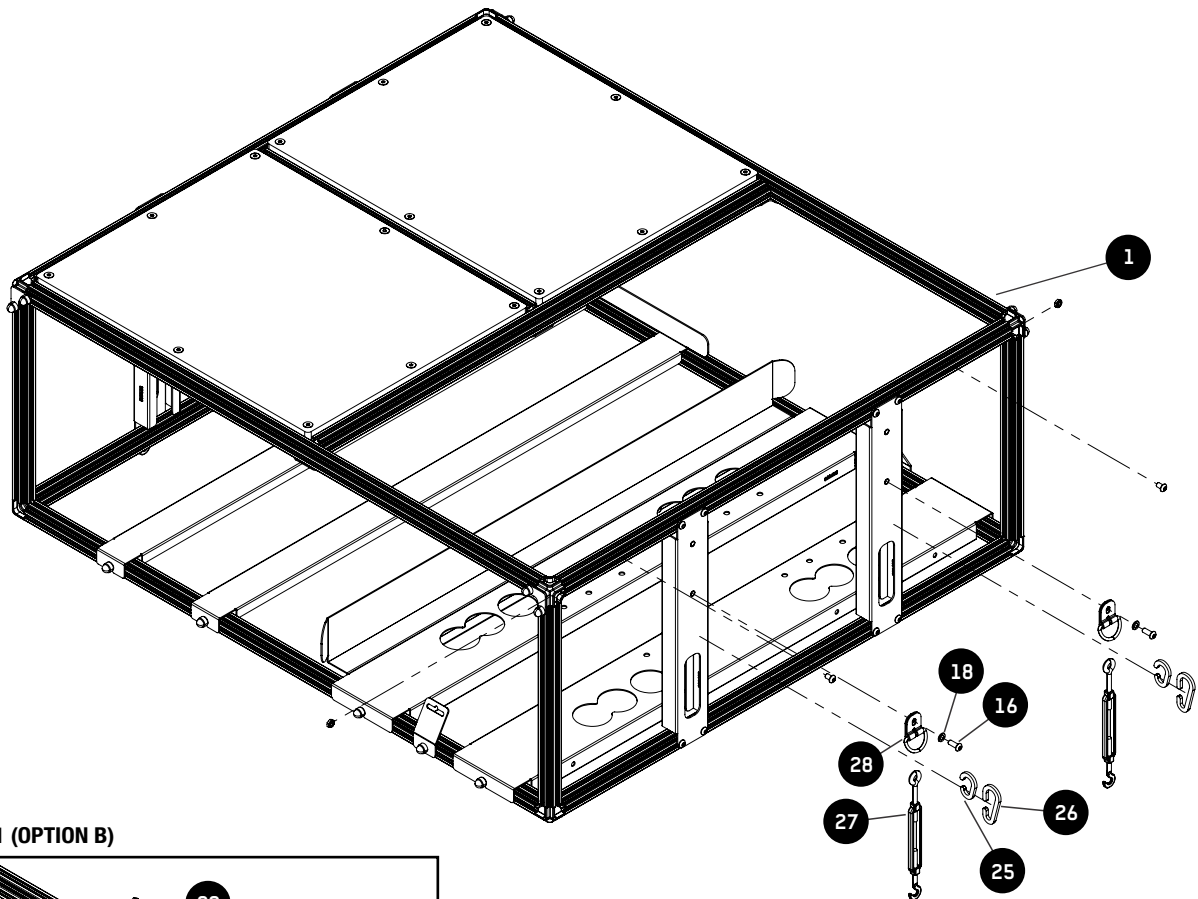
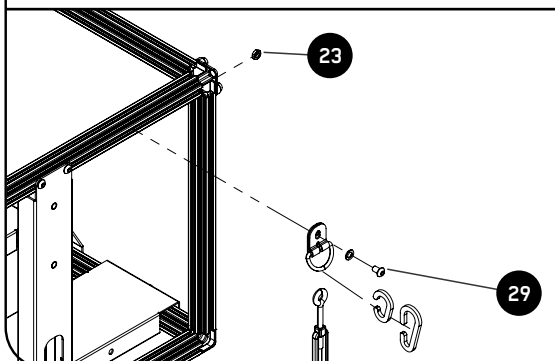
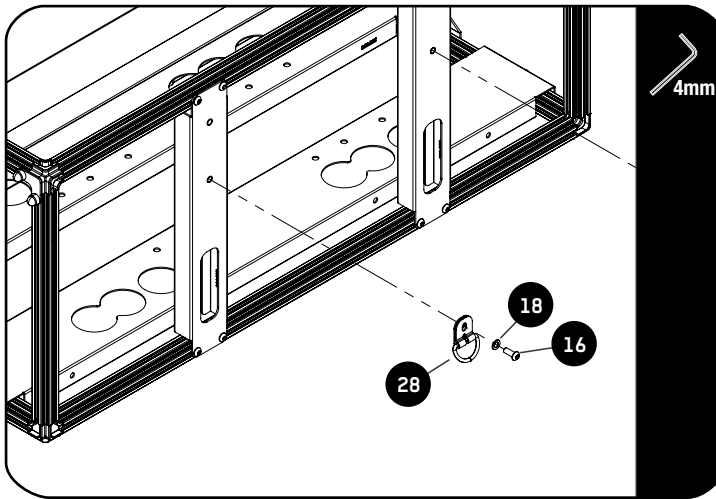


FIGURE 8.1 (OPTION B)



8.1



Depending on the mounting points in the vehicle, the D-Rings (Item 28) will either be located in the Top Extrusions (Option B) or on the Side Struts (Option A).

To assemble in the Extrusion, loosely assemble the D-Rings (Item 28) using M6 Thin Nuts (Item 23) that is loaded in the outer T-Slot of the top Extrusion and M6 x 10 Button Head Bolt (Item 29) as shown in Figure 8.1 (OPTION B).

Repeat on the opposite side.

To assemble on the Side Strut, secure the D-Rings (Item 28) using M6 x 12 x 1 Flat Washers and M6 x 16 Button Head Bolts (Items 16 & 18) to either the top or bottom threaded insert.

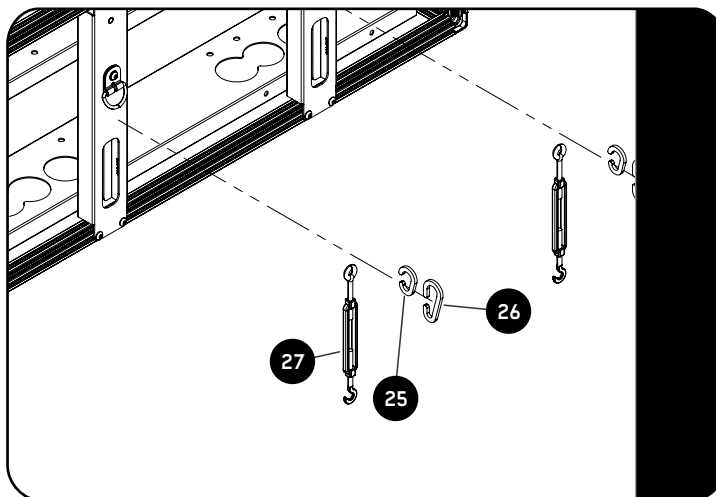
Repeat on the opposite side.



Tightening Torque:

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

8.2



Hook the Carabiner - 60mm or 37mm, depending on the vehicle's mounting points - and Turn Buckle (Items 27 & 25 or 26) onto the D-Rings for use when installing in the vehicle.

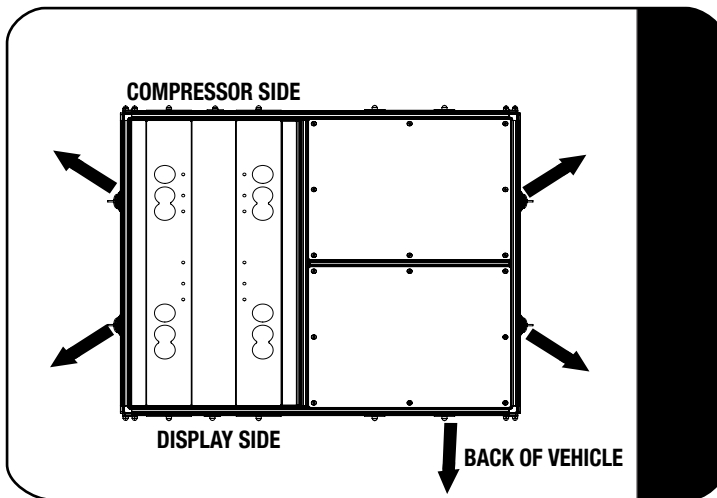
If D-Rings are mounted to the Extrusion, do not tighten fasteners yet, D-Rings should still slide freely in the T-slot.



Tightening Torque:

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

9.1



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

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

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



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.



Fridge can be mounted to the Supports with a 16mm Long Bolt, or can be strapped down for easy removal if required.

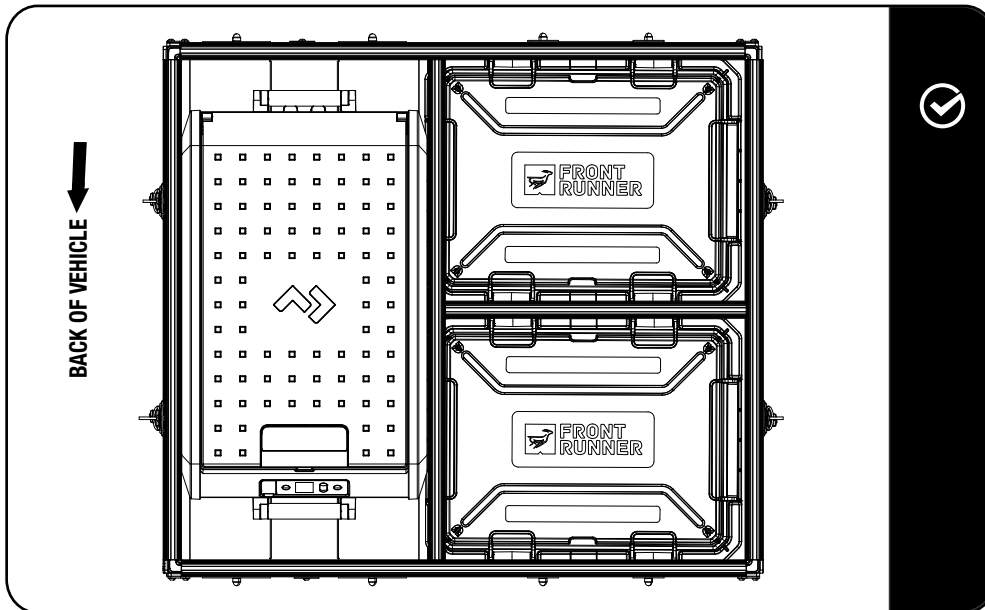


Fridge can be mounted in the front, mid or rear position, with the feet of the fridge locating in the large holes on the supports.

10

BOX PLACEMENT AND COMPLETION

10.1 Load your Modular Storage system with two SB0X076 and either a 35l or 45l Fridge - 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.

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