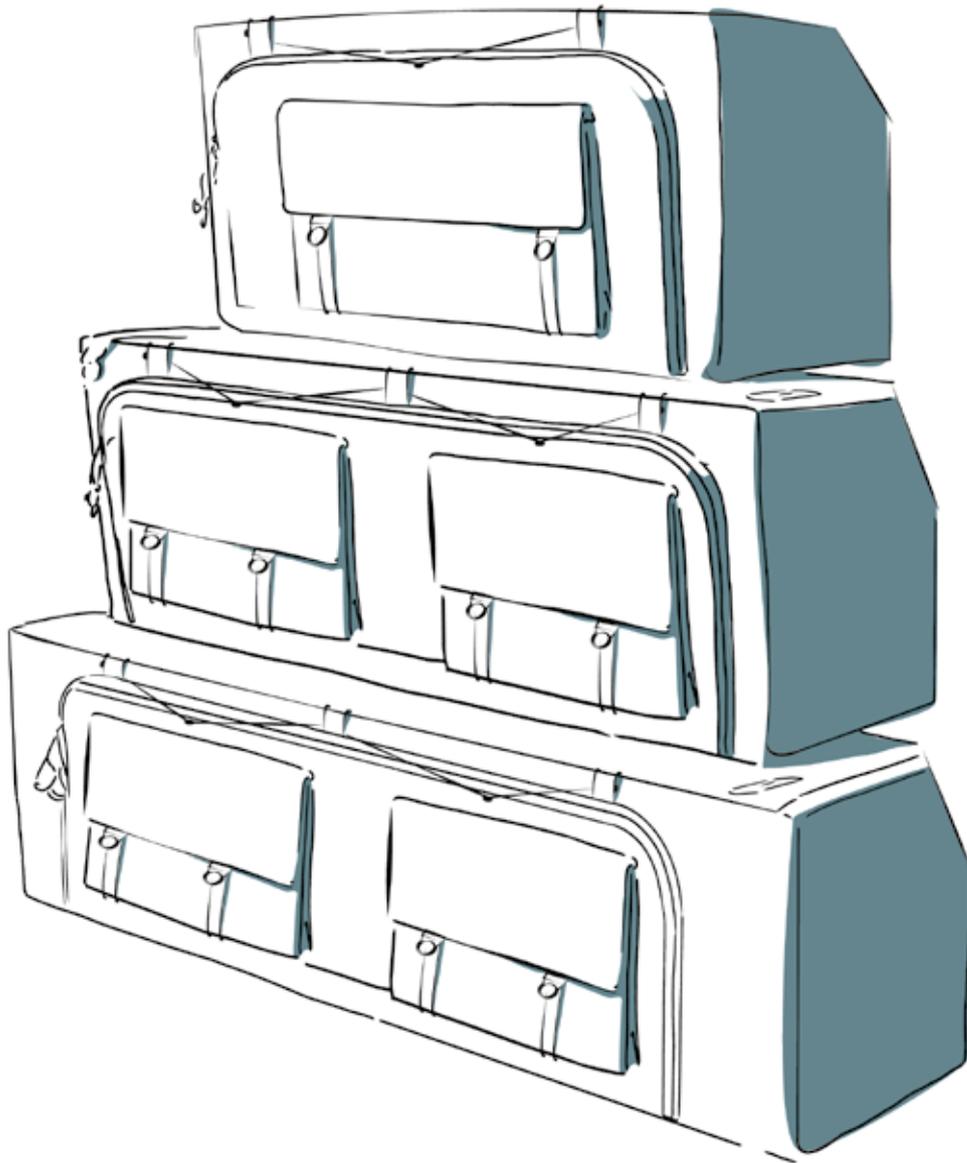

MOONBOX TITAN

Assemble manual

Hello! Thank you for choosing our products. We put our hearts into making them, so we're even more delighted that you liked them. In the following instructions, you will find all the information you need.



Live light at
vandermoon.com



Models:

Moon Box Titan



Since 1993, Vitberg has been producing medical devices for rehabilitation, treatment, cosmetology and sports.

Its products are known and appreciated.

Medicine and technology are not our only passion, we also love exploring the world.

We have translated the experience gained over the years into the production of accessories for people like us.

This is how the Van Der Moon brand was born.

Made in Poland, EU.
www.vandermoon.com

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| Tools needed | 7 |
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General **information**

MOON BOX TITAN – Technical Specification

Moon Box Titan represents a new generation of rigid wall-mounted aluminum cabinets specifically designed for campervans and boats. The construction is made entirely of high-quality aluminum, with every element precision-cut and bent in our factory. We assemble all connections using aircraft-grade rivets and additional reinforcement to ensure maximum durability and vibration resistance. Moon Box Titan is finished with durable technical fabric. The material is characterized by durability and high resistance to abrasion, tearing and mechanical actions, it is lightweight and relatively stiff. Made of polyester fibers that slightly absorb water, but thanks to the PVC coating on the bottom layer, the fabric is waterproof.

Moon Box Titan comes in four sizes (50, 70, 95 or 114 cm) while maintaining a compact height of 30.4 cm for optimal space utilization. The upholstery is equipped with a durable lock and auxiliary closing system with elastic cord and hook for quick access during stops.

The cabinet includes strategically placed mounting holes at the same locations/heights as Moon Box Tebe and Moon Box IO and SAO, finished with plates specially designed for this purpose. The practical design includes mesh pockets at the bottom for quick access to frequently used items.

All production stages are carried out in our Polish factory, from initial cutting and bending to final polishing and painting, ensuring precise quality control of each element.

Available colours:



Grey



Anthracite



Beige



Brown

Compatible car models:

Angle 101,5°

MAN TGE
Volkswagen Crafter II
RAM Promaster
Fiat Ducato III
Citroen Jumer II
Peugeot Boxer II
Opel Movano 3
Toyota Proace Max

Angle 109°

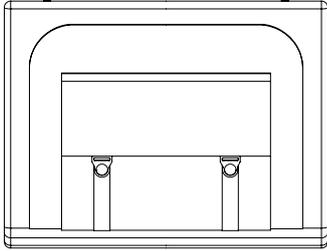
Mercedes Sprinter
Volkswagen Crafter I
Volkswagen LT
Ford Transit MK8
Nissan NV400
Renault Master 3
Opel Movano 2

Angle 105°

Ford Transit MK7



Available **versions**

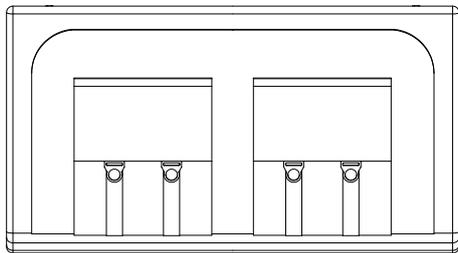


MOONBOX Titan 50

Size: 500x390x304 mm (+/-4mm)

Weight: 4.3 kg (+/-100g)

Capacity: 51 l

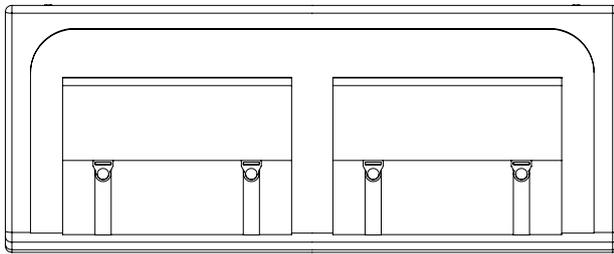


MOONBOX Titan 70

Size: 700x390x304 mm (+/-4mm)

Weight: 5.6 kg (+/-100g)

Capacity: 72 l

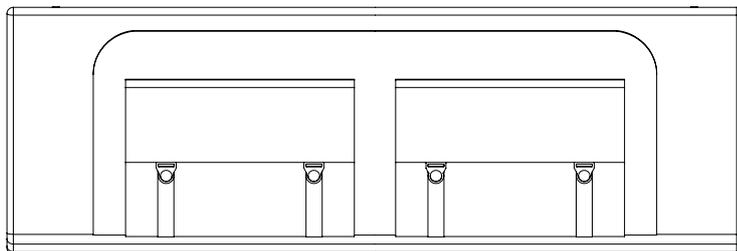


MOONBOX Titan 95

Size: 950x390x304 mm (+/-4mm)

Weight: 6.6 kg (+/-100g)

Capacity: 98 l



MOONBOX Titan 114

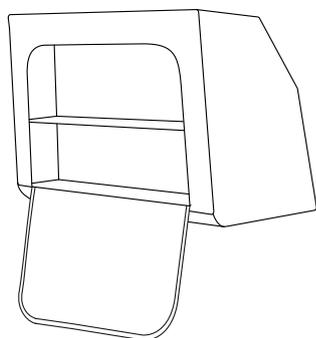
Size: 1140x390x304 mm (+/-4mm)

Weight: 9.6 kg (+/-100g)

Capacity: 118 l

Maximum **shelf load**

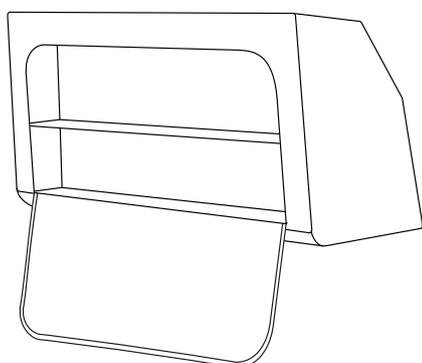
MOON**BOX TITAN 50**



5
KG

9
KG

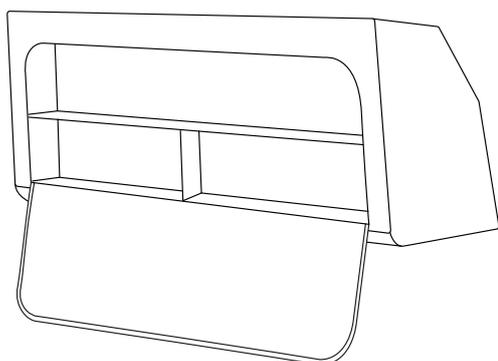
MOON**BOX TITAN 70**



5
KG

9
KG

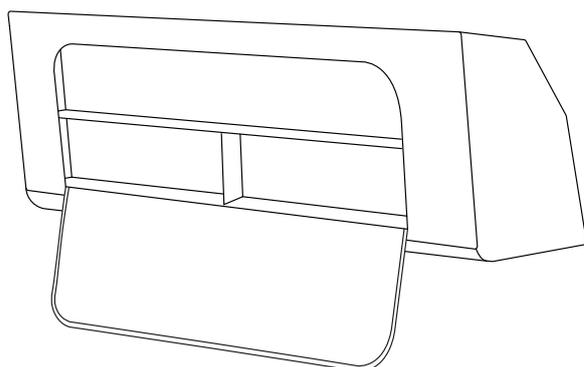
MOON**BOX TITAN 95**



5
KG

12
KG

MOON**BOX TITAN 114**



5
KG

12
KG

Tools **needed**



Drill



Riveting machine for blind rivets and/or riveting machines for rivet nuts

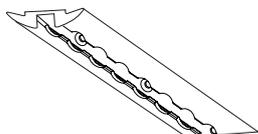


Flat-blade screwdriver

Set of **elements**



1A – MOONFIX



2 – Airline board



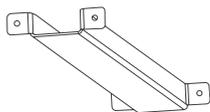
4A – Rivet nut M6



5A – Rivet nut M5



1B – MOONFIX



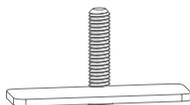
3 – MOONFRAME



4B – Bolt M6



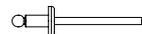
5B – Bolt M5



1C – MOONFIX



5C – Screw washer ø 5



5D – Blind rivet

Prepare your car for assembly MOONBOX TITAN

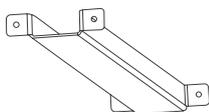
MOONBOX Titan can be assembled in three ways:

- I. using Moon Frame (3) to which M6 4 rivet nuts are screwed directly (using a sheet metals crewdriver) – **page 10**
- II. using Moon Frame with an additional Arline board – **page 12**
- III. only using Arline boards (without using Moon Frame 3) – **page 15**

IMPORTANT!

To fully load the Moon Box Titan (as per the manufacturer's recommendations), you should use the first or second method (Moon Frame mounted to the vehicle's body). Mounting Airline rails will also transfer the full load, BUT ONLY if they are attached to the vehicle's body using rivet nuts or removable rivets (when mounting on sheet metal screws or wood screws, respectively, for sheet metal, plywood, and/or other materials, the manufacturer is not responsible for the load-bearing capacity of these connections).

MOONFRAME assembly



3 – Moon Frame

Moon Frame(3) is a structural reinforcement used to mount the Moon Box Titan, Airline boards or other suspended accessories.



5A – Rivet nut M5 x4

Moon Frame (3) crossbars to the car body should be fastened on M5 (5A) rivet nuts and M5 bolts (5B) and screw washers (5C) (to protect against unscrewing) or on blind rivets \varnothing 5 (5D).



5B – Bolt M5 x4



5C – Screw washer \varnothing 5 x4

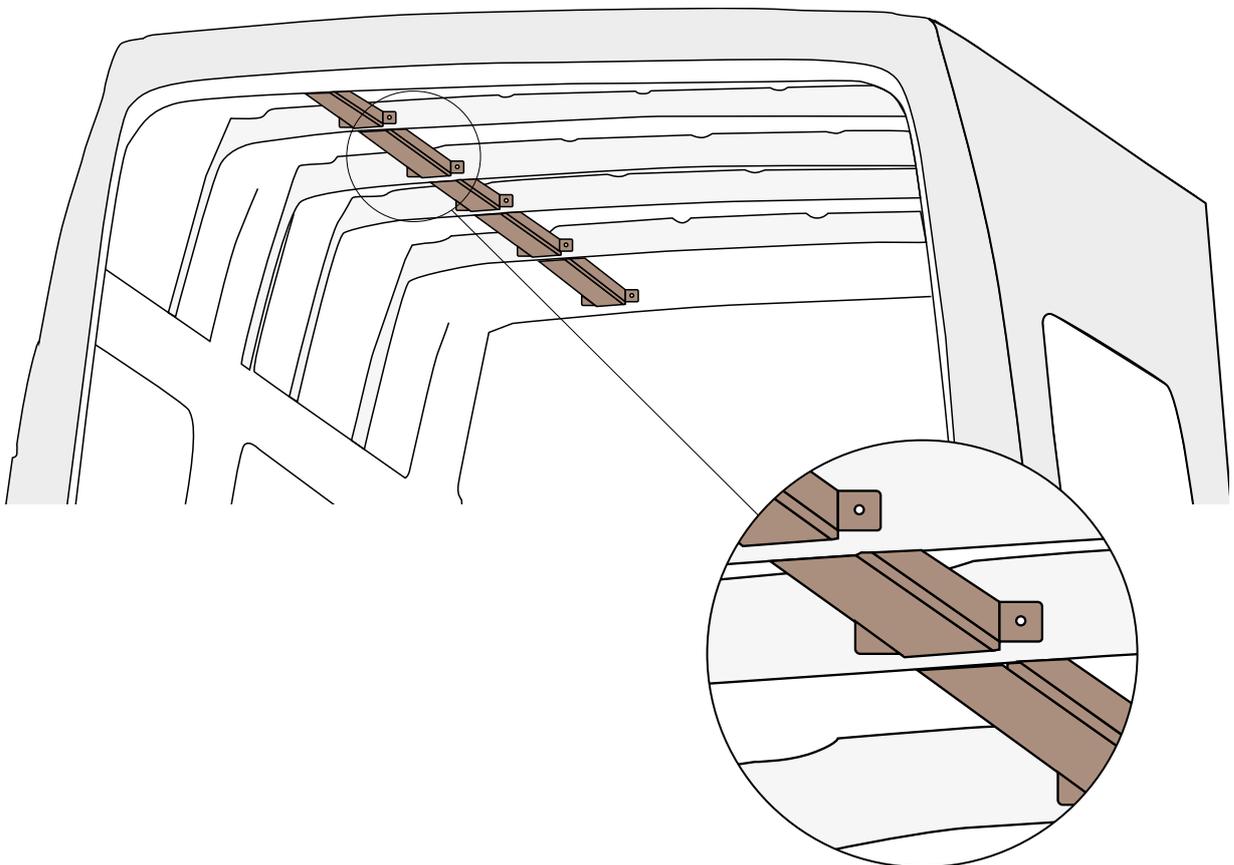
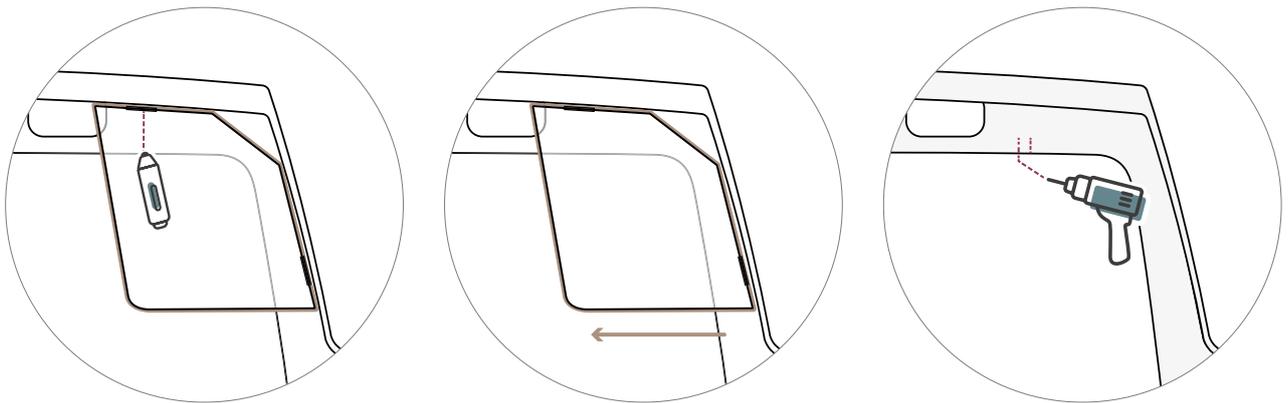


5D – Nit zrywalny x4

Moon Frame are not included in the set, you can purchase them separately on our website.

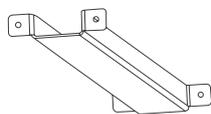


Place the Moon Box Titan in the desired location inside the car. Through the upper mounting hole, mark a line on the vehicle's body using a pencil. To the marked line, add the thickness of the upholstery that you will be mounting, and move the marking inwards towards the cabin by that thickness. In the marked location, attach the Moon Frame or AirLine strips in such a way that the marked line is in the center.



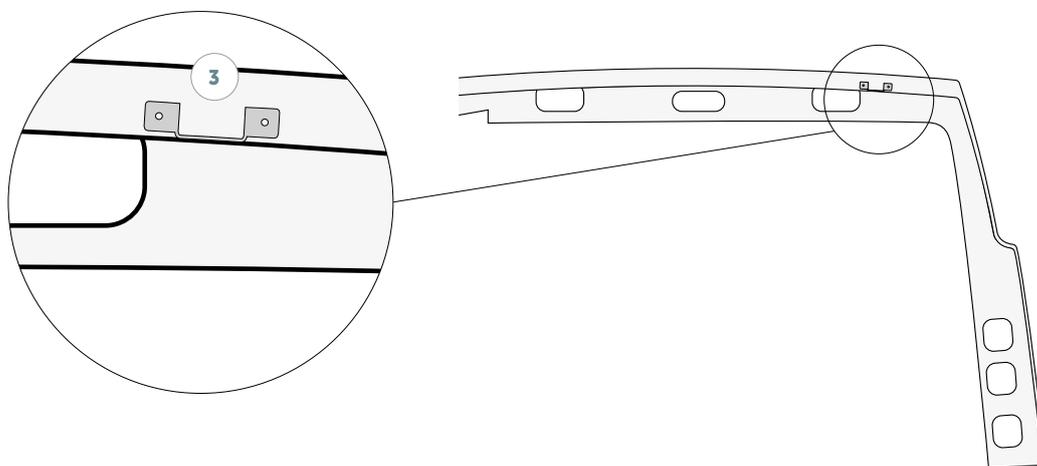
I. MOONFRAME + MOONBOX TITAN

Step 1



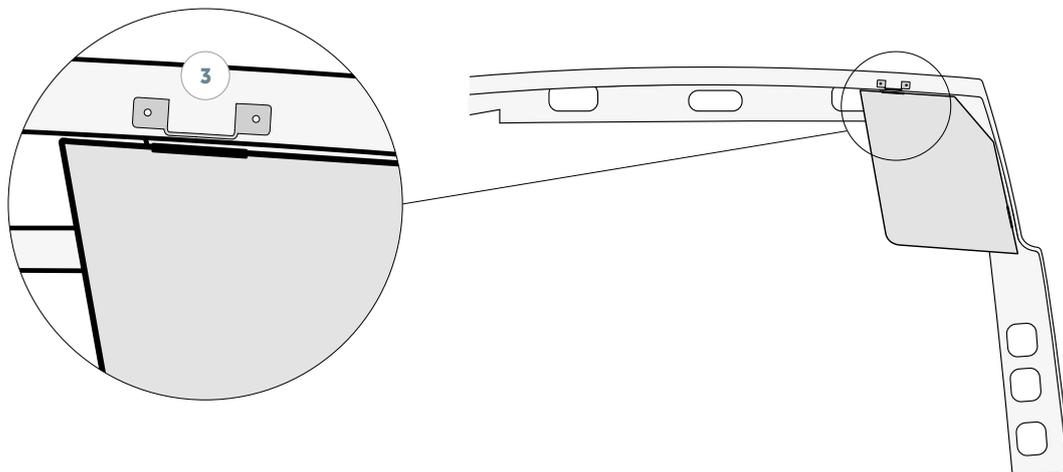
3 – Moon Frame

Mount the Moon Frame (3) reinforcement bars to the vehicle body. Install the ceiling and wall covering (finishing elements not included).



Step 2

Set the Moon Box Titan in the target place so that the mounting holes coincide with the previously installed crossbars (3) and mark the places of the holes. The upper mounting holes are to be drilled in the Moon Frame (3) crossbars. The lower mounting holes are to be drilled in the original body reinforcement.



Step 3

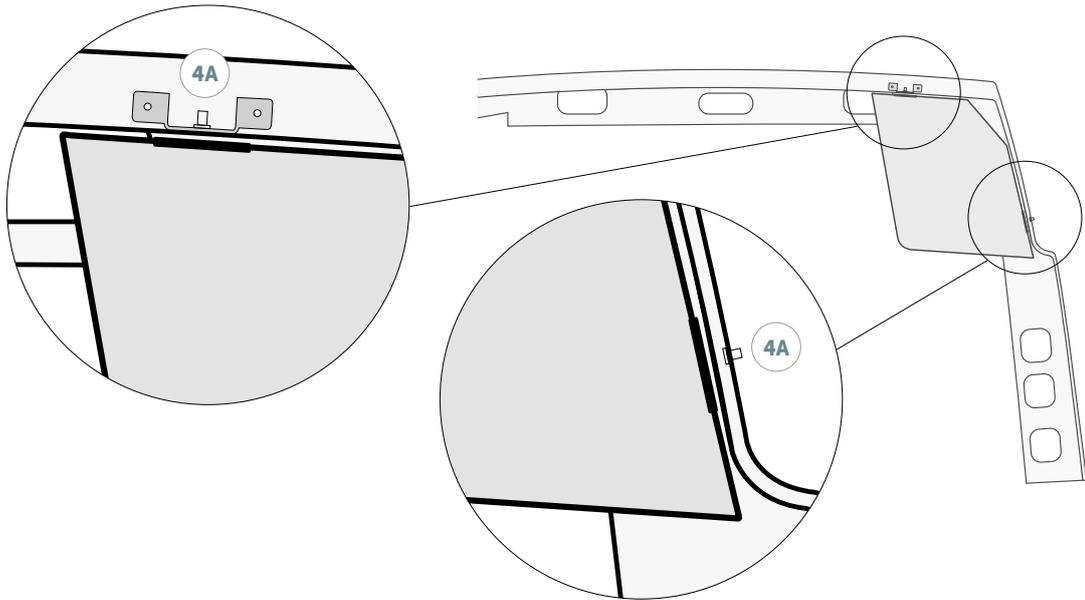


4A – Rivet nut M6 x4



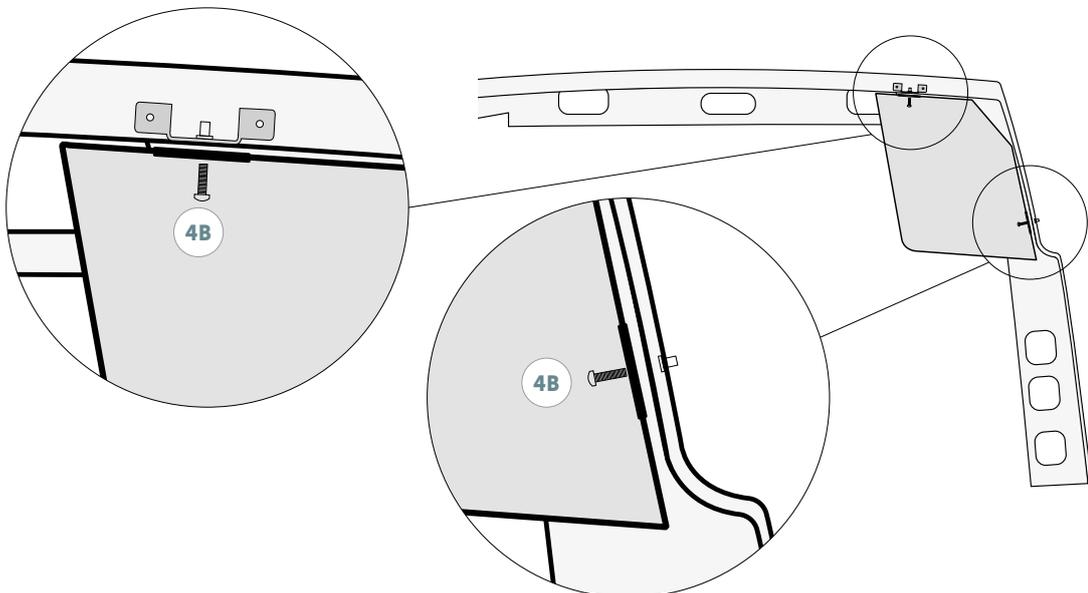
4B – Bolt M6 x4

Rivet the rivet nut into the drilled holes **4A**



Step 4

Apply the Moon Box Titan to the car body in accordance with the drilled holes, screw the element to the structure with M6x40 **4B** screws through the mounting holes in the Moon Box Titan



II. MOONFRAME + Airline + MOONBOX TITAN

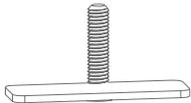
Set of mounting elements for Airline board.



1A – Moon Fix
4x



1B – Moon Fix
4x

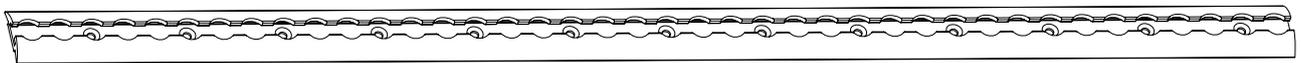


1C – Moon Fix
4x

Moon Fix – is a set of mounting screws used in the Moon Box Titan installation system.

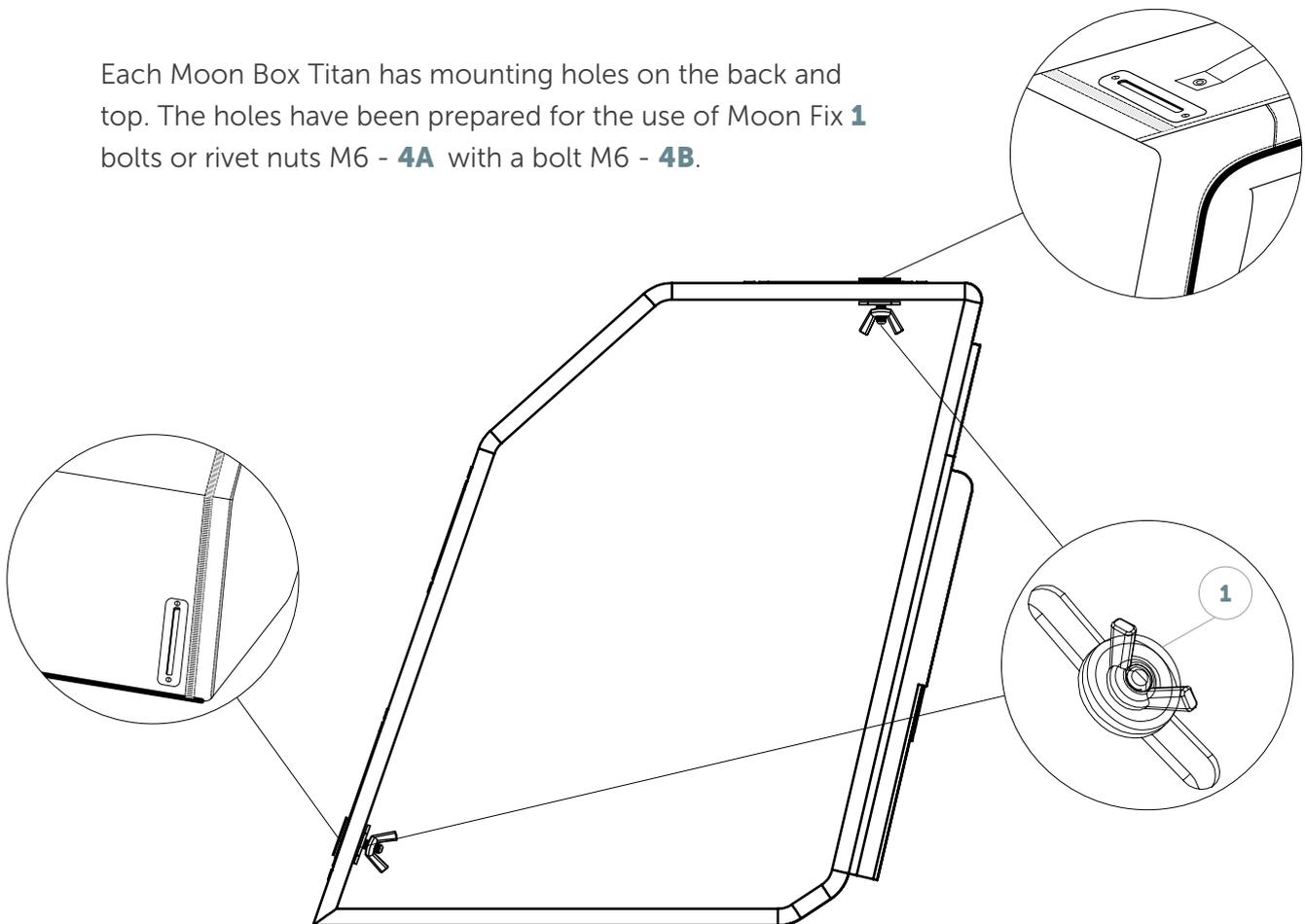
Moon Fix fits all versions of Moon Box Titan.

In set you will find 4 bolts (mounting bolts M6x40, are equipped with a steel element inserted into the Airline board) **1C**, 4 wing nuts M6 **1A** i 4 round washers **1B** (M6/140HVwhite galvanized).



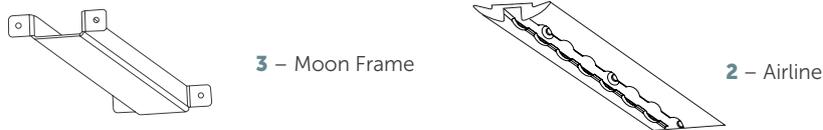
2 – Airline board (It is not included in the set) **2x**

Each Moon Box Titan has mounting holes on the back and top. The holes have been prepared for the use of Moon Fix **1** bolts or rivet nuts M6 - **4A** with a bolt M6 - **4B**.

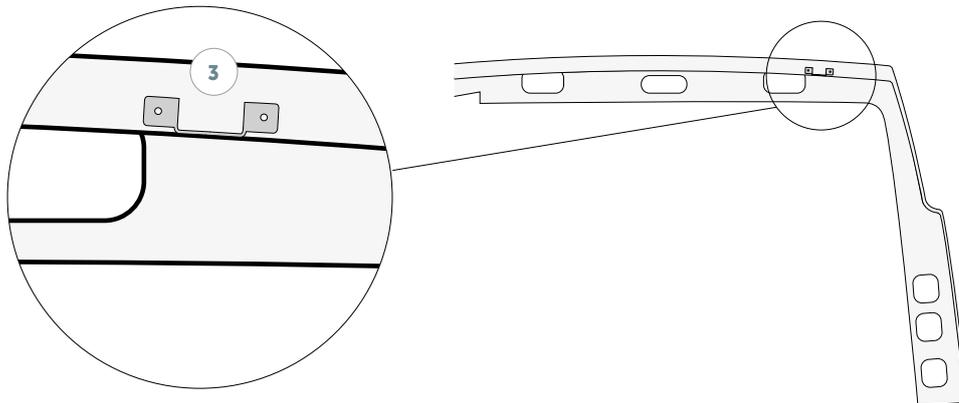


Moon Box Titan cross-section – side view.

Step 1



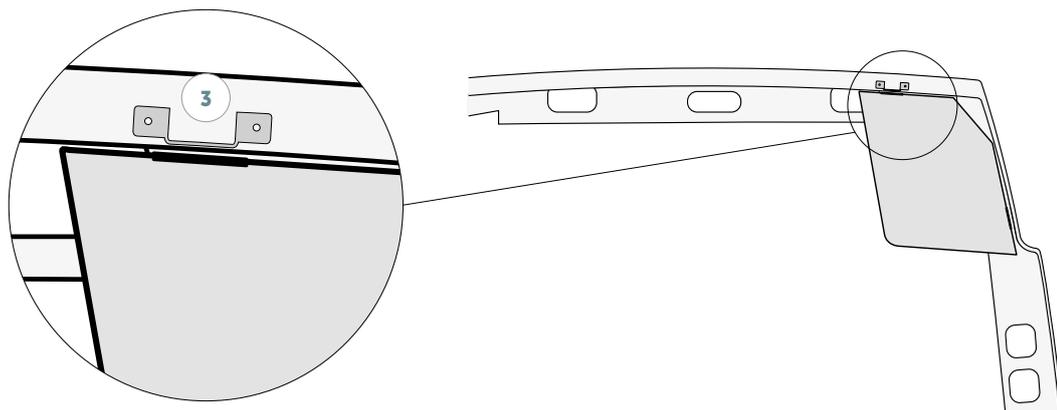
Mount the Moon Frame reinforcement bars (3), to the vehicle's body, to which the Airline board (2) will be attached in subsequent steps. Install the ceiling and wall covering. Finishing elements, reinforcing crossbars and Airline strips are not included in the set.



Step 2

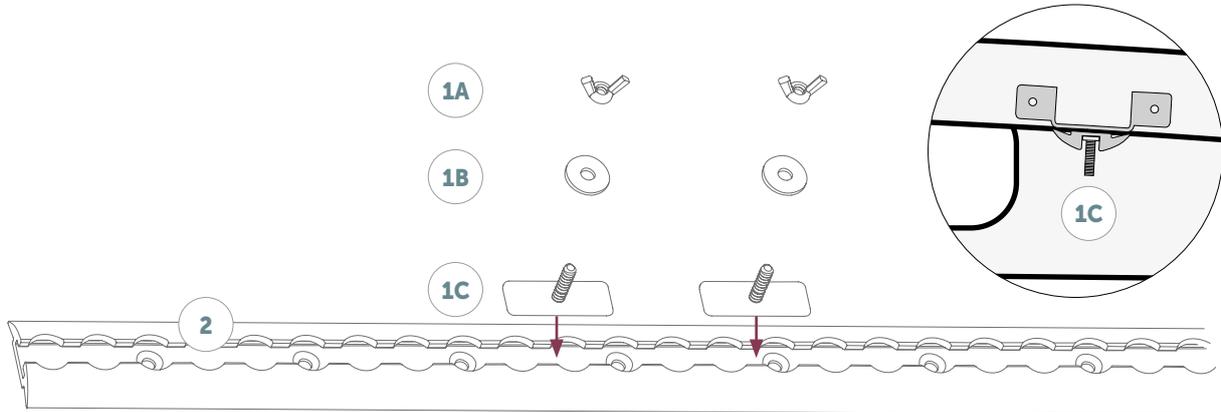


Set the Moon Box Titan in the target place so that the mounting holes coincide with the previously installed crossbars (3) and mark the places of the holes. The upper mounting holes are to be drilled in the Moon Frame (3) crossbars. The lower mounting holes are to be drilled in the original body reinforcement.



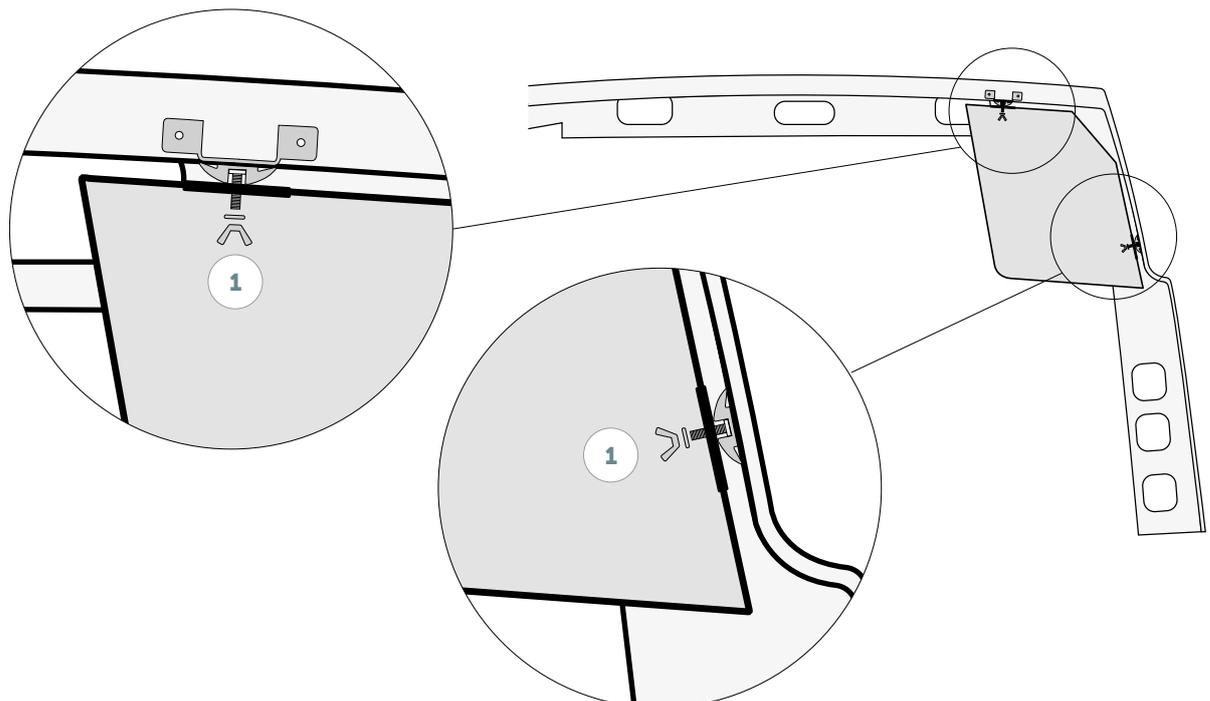
Step 3

Screw the Airline boards to the previously installed reinforcing bars. The connection must be solid and durable. Insert Moon Fix **1C** screws into the mounted Airline board **(2)**. The number of prepared screws must correspond to the number of mounting holes in the planned Moon Box Titan installation.



Step 4

Attach the Moon Box Titan to the Airline boards **2** by inserting the Moon Fix **1C** bolts through the mounting holes and tightening the wing nuts **1A** and washers **1B** from the inside of the Moon Box Titan.

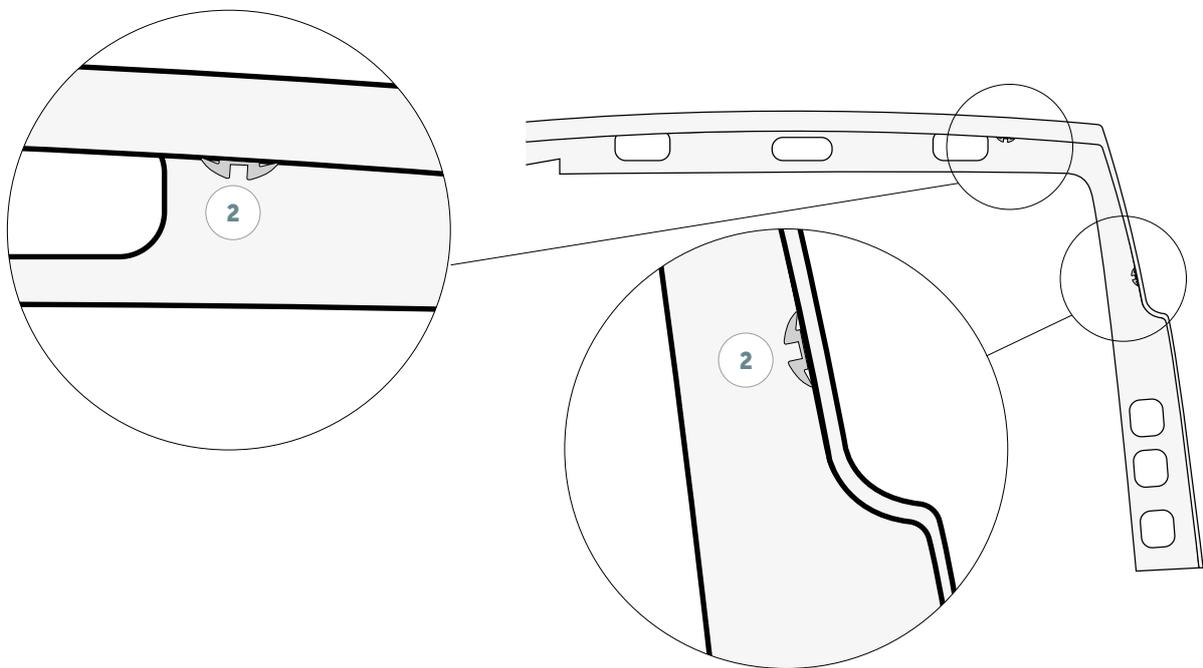


III. Airline + MOONBOX TITAN

Step 1

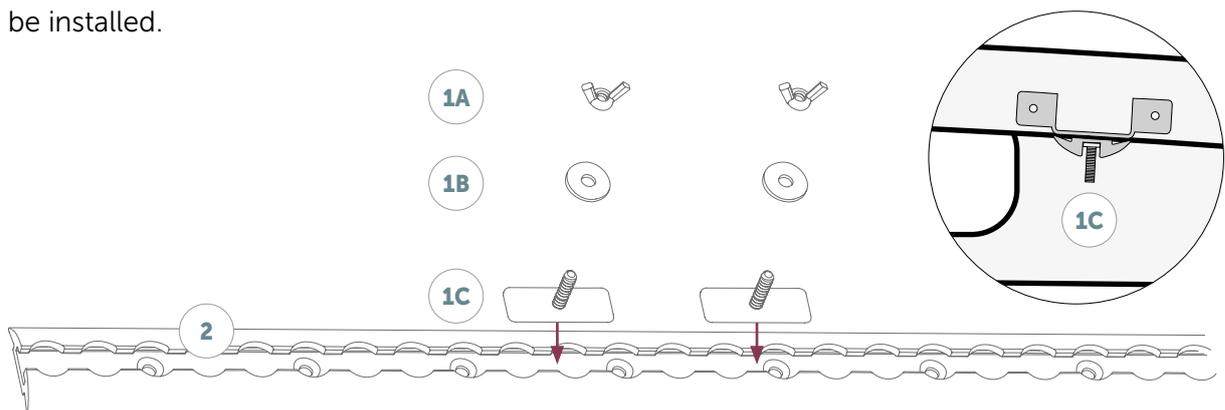


Fasten Airline **2** to the car body with M6 rivet nuts **4A** and M6 countersunk bolts **4B**.



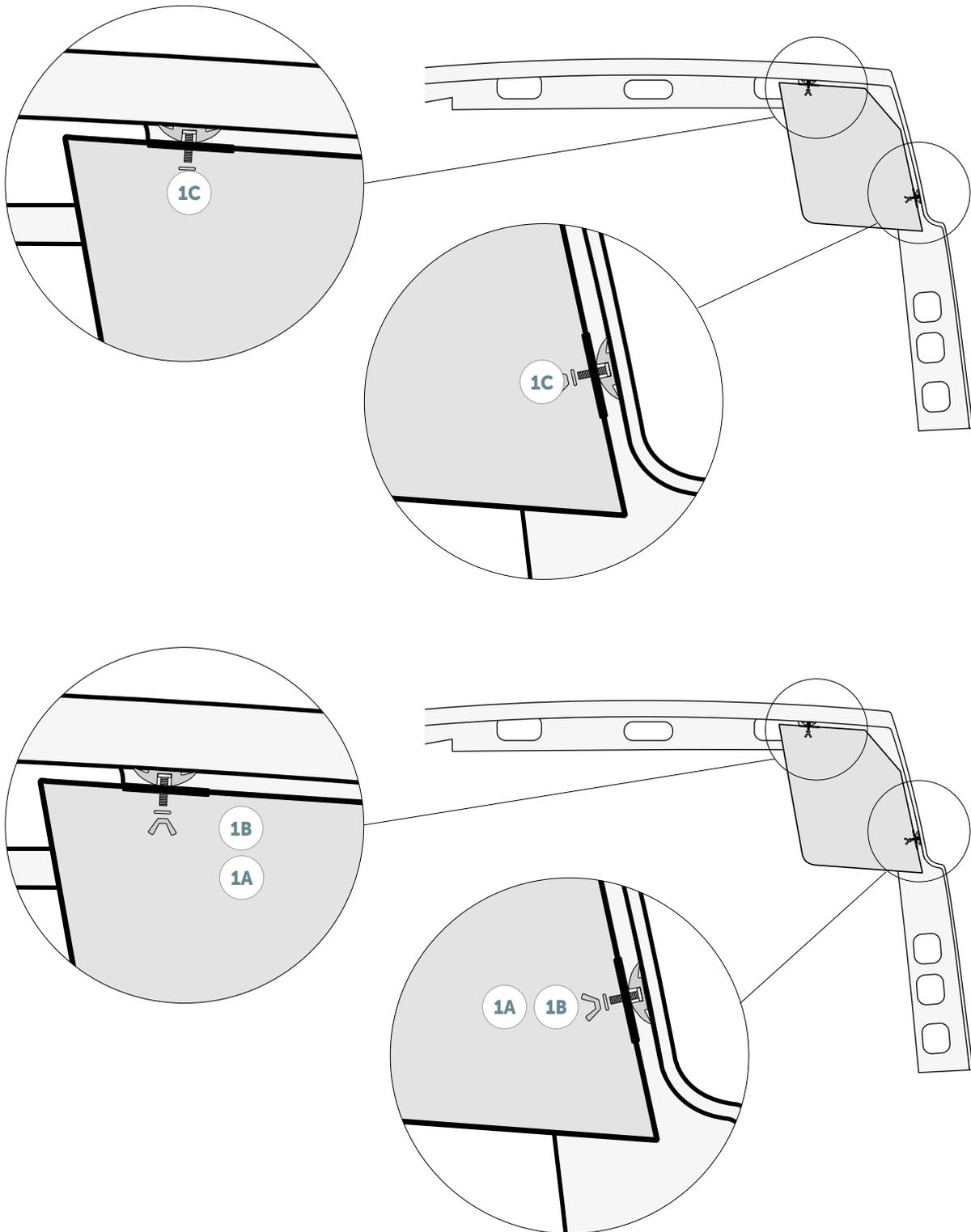
Step 2

Insert the Moon Fix **1C** screws into the installed Airline boards **2**. The number of prepared bolts must correspond to the number of mounting holes in the Moon Box Titan planned to be installed.



Step 3

Attach the Moon Box Titan to the Airline boards **2** by inserting the Moon Fix **1C** bolts through the mounting holes and tightening the wing nuts **1A** and washers **1B** from the inside of the Moon Box Titan.



Information **regarding use**



Cleaning

Handwash. Rinse the soiled area thoroughly with clean water and wipe it with a sponge gently using a mild detergent.

Do not use bleach, iron or heat drying. The product is not machine washable. Before cleaning, remove all elements from the inside of the Moon Box Titan along with the shelf.

Metal parts should be dry cleaned.



Composition

poliester 100%, coating PVC-FLAT, aluminium



Tranport and storage

The products are packed in cardboard outer packaging.

During transport, they should be placed horizontally or vertically.

Must be transported in the original packaging.



Disposal of the packaging

The packaging is made of recyclable cardboard, so it should not be thrown away, but stored in a landfill in waste paper bins or special containers for cardboard packaging.



Precautions

Please make sure you have read and understood the instructions before using the Moon Box Titan.

After installation, it is recommended to check the mounting of the Moon Box Titan by pulling the entire structure firmly.

Do not leave the Moon Box Titan in direct sunlight – it may cause fading of the material. This does not change the mechanical properties of the material.

Do not use open fire near the Moon Box Titan.

Protect against moisture.

Do not load the Moon Box Titan beyond the recommended maximum weight.

Do not use any sharp objects such as knives, screwdrivers, etc. to remove the outer packaging.

The exact specifications, dimensions, capacity, and load-bearing capacity, with distinctions for different versions, are detailed in the Moon Box Titan Product Sheet, available for download on the www.vandermoon.com website.





www.vandermoon.com



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