

Evolution interior system

Mercedes Sprinter L3H2



Installation manual







General information

IMPORTANT Always make sure all connections are tight and secure before driving and occasionally check the fittings in particular when going off-road.


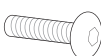





TIP Clean the powder coated surfaces by using a mild soap, try to avoid any aggressive detergents.

NOTICE The installation can involve working with electricity, water or gas. Please make sure you are competent or contact a professional.



Required tools

-  | HEX 4/5
-  | DRILL 9/11mm
-  | TORX 25
-  | Drilling machine
-  | Rivet tool
-  | Jigsaw

BOLT KIT evolution interior system

-  **42x** M8 rivet
-  **42x** M8x16mm bolt
-  **4x** M8x25mm ring
-  **12x** M6 rivet
-  **12x** M6x30 bolt
-  **50x** M6x30 bolt
-  **8x** Foam block

BOLT KIT door panels

-  **8-16x** M6 rivet
-  **8-16x** M6x16mm bolt

General information

Options

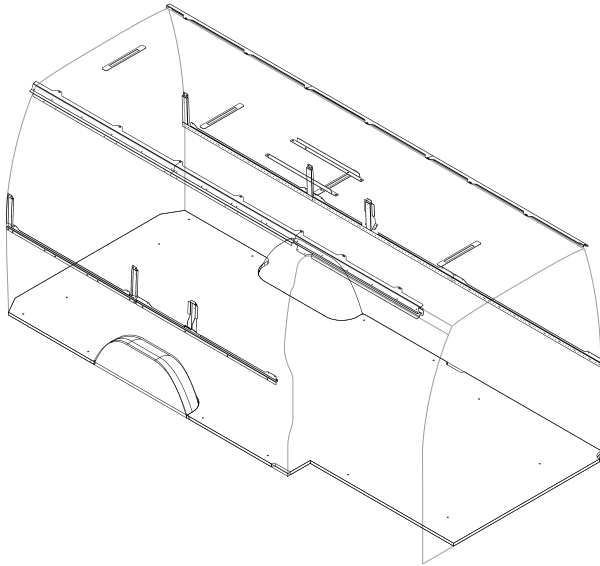
Brackets

Wall panels

Door panels

Installation

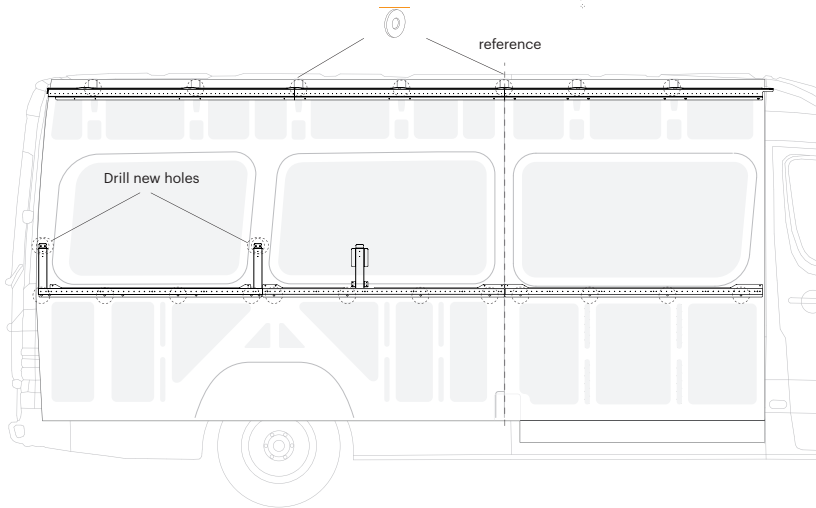
PHASE A



BRACKETS + INFRASTRUCTURE

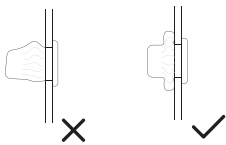
Installation

Phase A - wall brackets driver side



-  **23x** M8 Rivet nut
-  **23x** M8x16 bolt
-  **2x** M8x25

figure 1

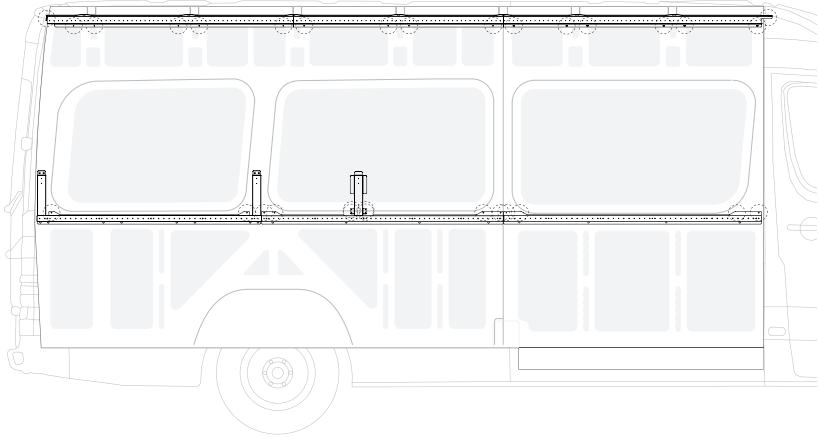


1. Mark and drill (11mm) the 19 chassis connections in the ceiling trusses and middle section of the chassis. We recommend to use a protective coating before inserting the M8 rivet. Now mark and add the 4 remaining holes at the top of the middle bracket. Fasten the brackets by the bolt, starting from the reference line. Add a ring at this point for proper alignment.

There is no need for relocating the original Mercedes-Benz wire harness since the bracket will be placed directly over.

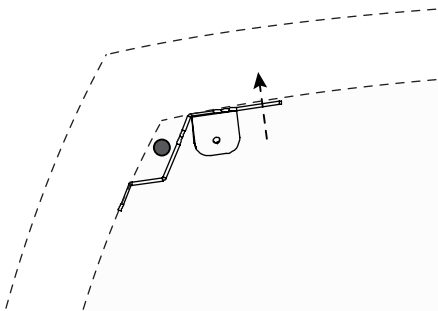
Installation

Phase A - wall brackets driver side



30x 4x15 screw

figure 2

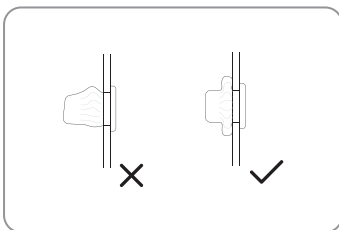
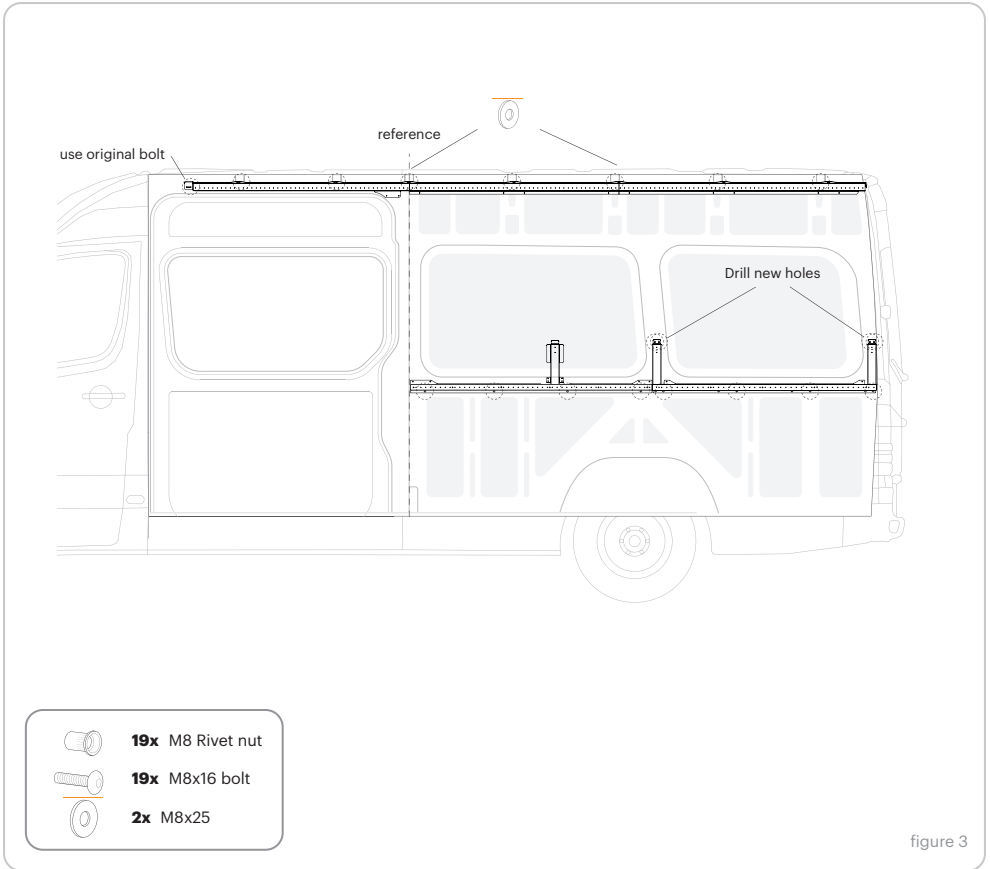


2. Align the brackets by checking if all holes match. The truss locations can be inconsistent from factory, it is important to use the breaking line (reference line) as a true middle.

Screw in its final location by the included hex screws. No need to pre drill.

Installation

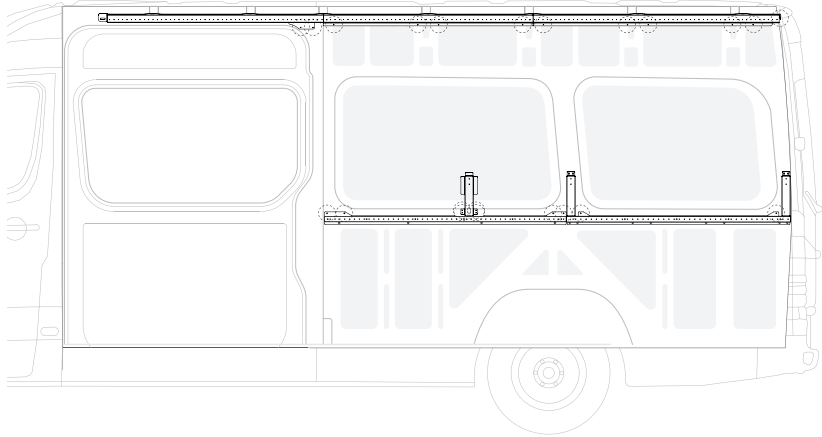
Phase A - wall brackets passenger side



3. Mark and drill (11mm) the 15 chassis connections in the ceiling trusses and middle section of the chassis. We recommend to use a protective coating before inserting the M8 rivet. Now mark and add the 4 remaining holes at the top of the middle bracket. Fasten the brackets by the bolt, starting from the reference line. Add a ring at this point for proper alignment.

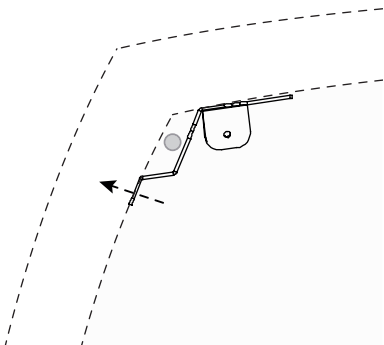
Installation

Phase A - wall brackets driver side



20x 4x15 screw

figure 4



4. Align the brackets by checking if all holes match. The truss locations can be inconsistent from factory, it is important to use the breaking line (reference line) as a true middle.

Screw in its final location by the included hex screws. No need to pre drill.

Installation

Phase A - ceiling brackets and rivets

optional brackets for roof (WINDOW/FAN/AIRCO)

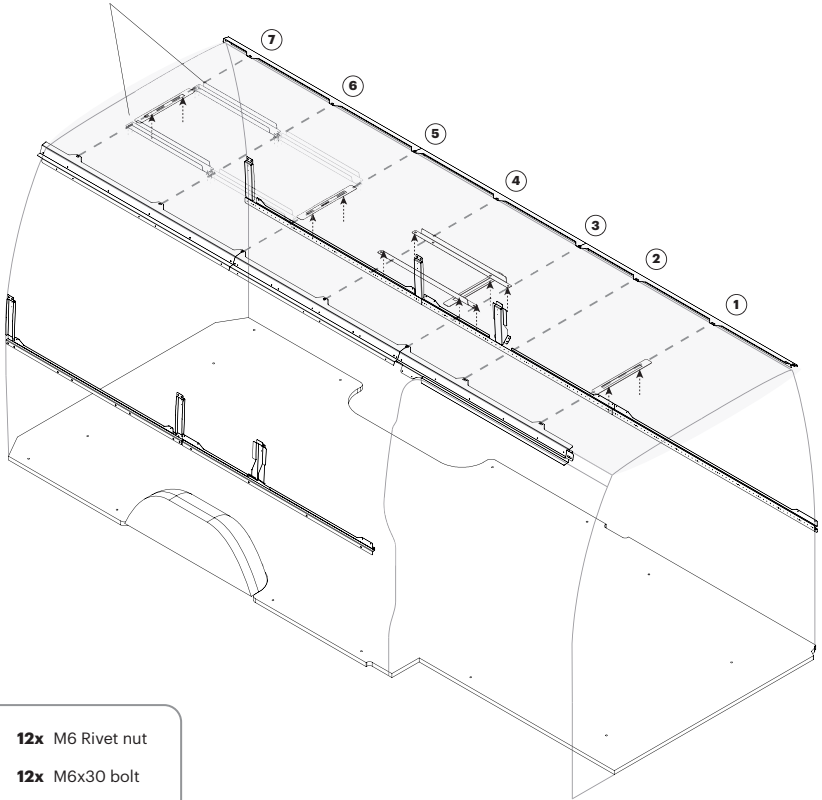
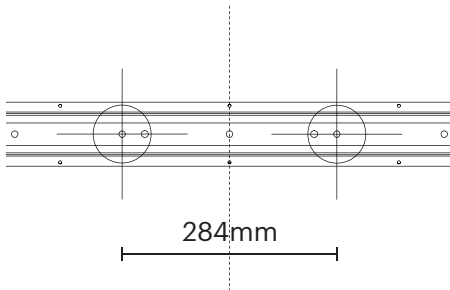


figure 5



5. Mount the 2 small brackets 620mm in the middle section of the ceiling between section 3 and 4 by the M6 rivets and bolts. This will be required to align the ceiling lights.

Now Install the remaining M6 rivets on the truss 1, 5, 7 and the brackets previously installed. Use the included lights as reference to find the exact holes.

Installation

Phase A - ceiling lights preparation

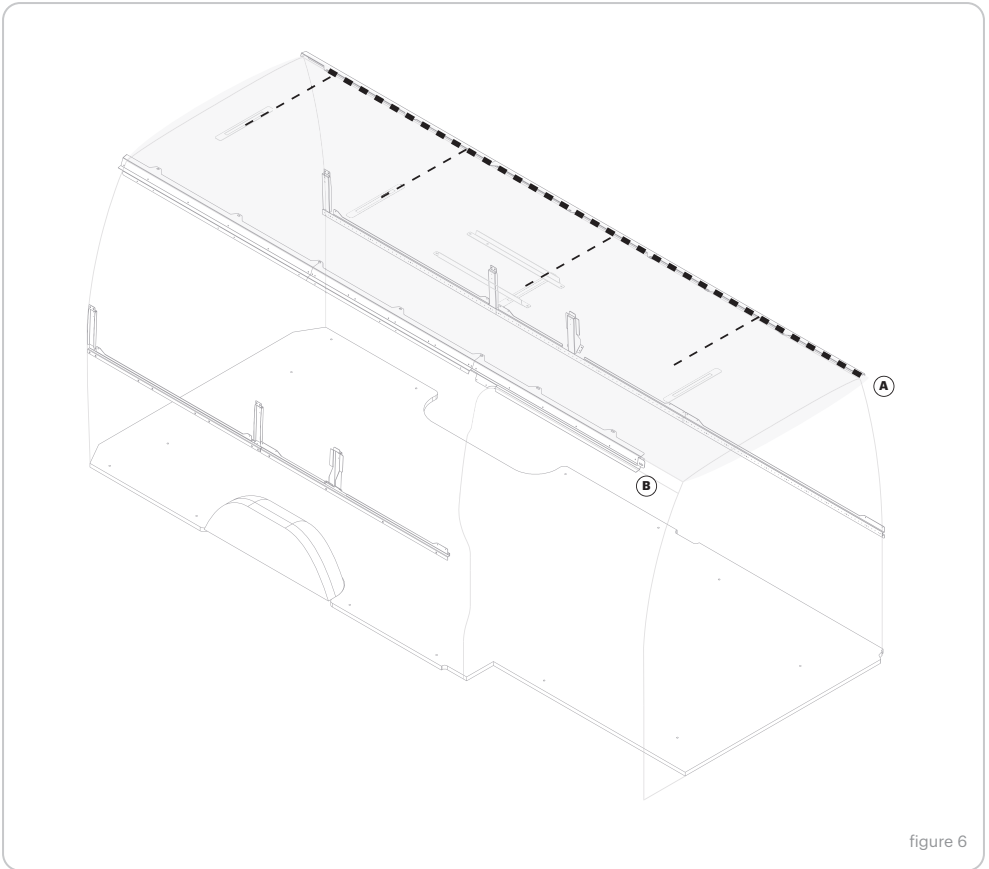


figure 6

6. All brackets are now installed and form the base for mounting any SOLO interior modules or any other accessories like a cargo rail for example. Before continuing to the next installation phase we recommend to finish most of the insulation (noise or/and thermal) and electrical wiring.

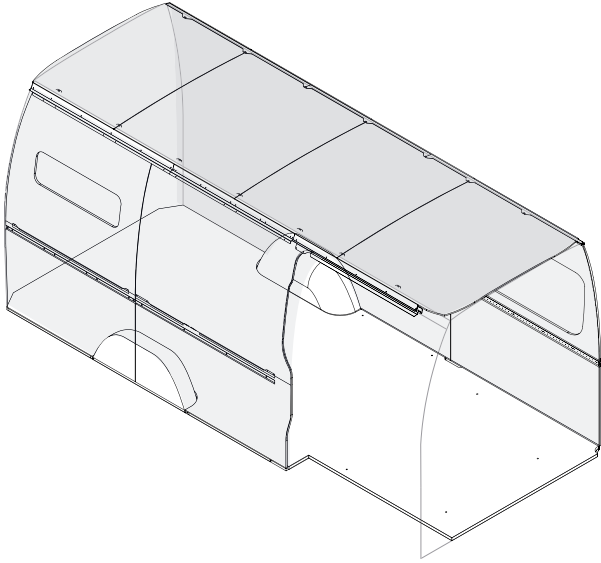
To connect the ceiling lights to DC there are 2 options.

A starter battery - Hook up to the original wiring harness by either re-using the original factory connectors or add an additional cable to the fusebox in the driversseat.

B separate power source - Connect the 4 lights in parallel, either with or without a switch, and bring it to a fused(5A) an external DC source.

Installation

PHASE B



WALL PANELS

Installation

Phase B - panels ceiling

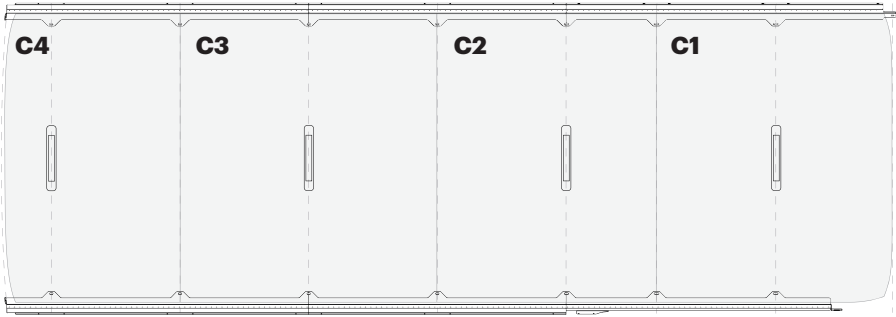


figure 7

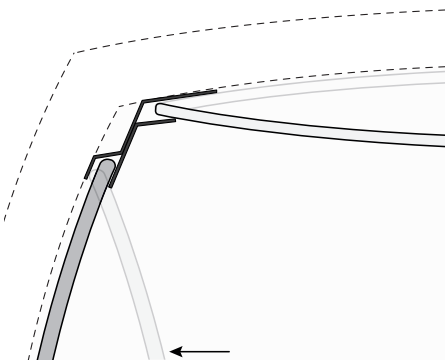


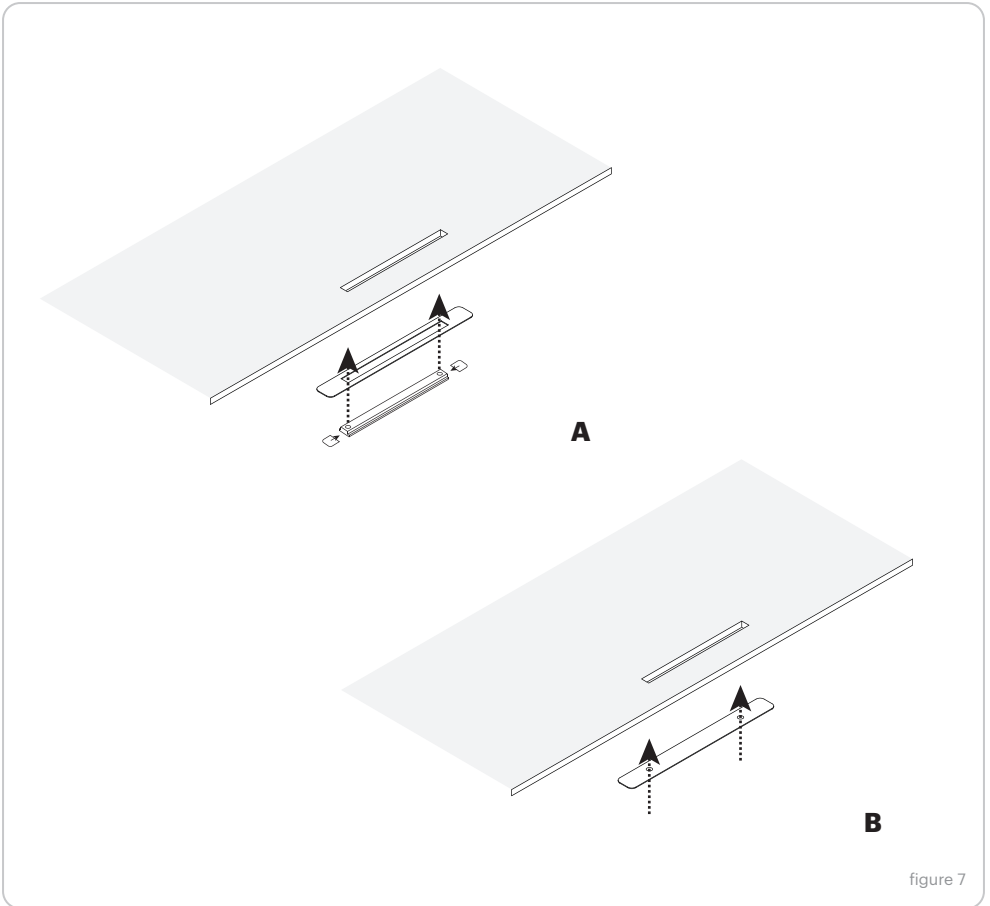
figure 8

7. We recommend to start by installing the ceiling panels first, but isn't necessary.

Gently push the panel from one side into the upper bracket, starting by C1. Bend it downward for it to be able to snap into the other side.

Installation

Phase B - panels ceiling



8. Fixate the panel via the ceiling lights by the M6 bolt . Magnets will hold the panels in place where they meet the next.

Installation

Phase B - panels driver side

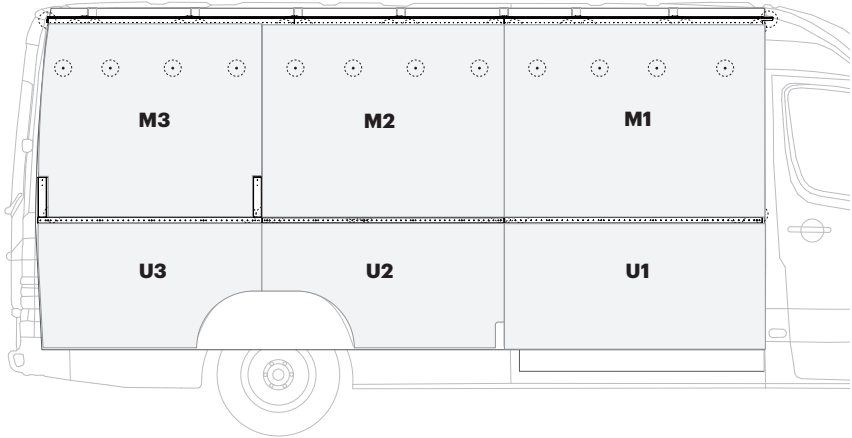


figure 9

8. A similar approach is applied for the wall panels. push the middle panels (M) in between the brackets. It will automatically follow the contours of the van when bending and will stay in place. Optionally it can be fixated by a series of M5 rivets and bolts.

Note: Installing a **SOLO bed system** or **SOLO upper cabinets** will also prevent the wall from moving and make extra fixation not a requirement.

The lower panels (U) are installed by pushing them upwards in the middle bracket and will not require fixation since they are not designed as a structural element.

Installation

Phase B - panels passenger side

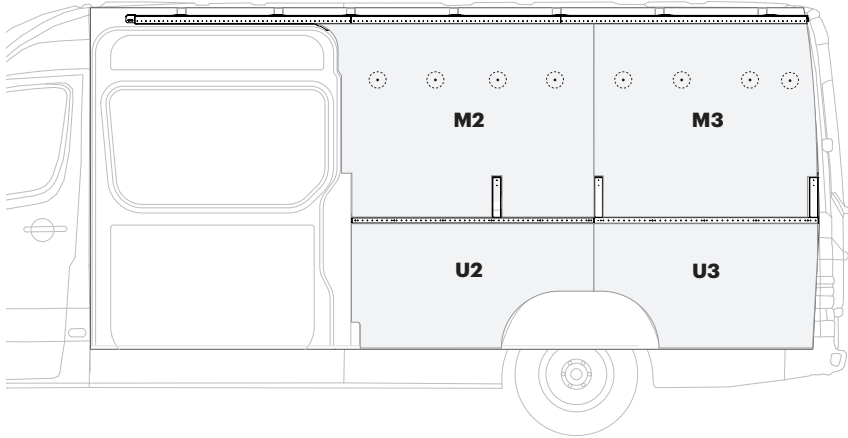


figure 11

9. Repeat the same procedure for the passenger side.

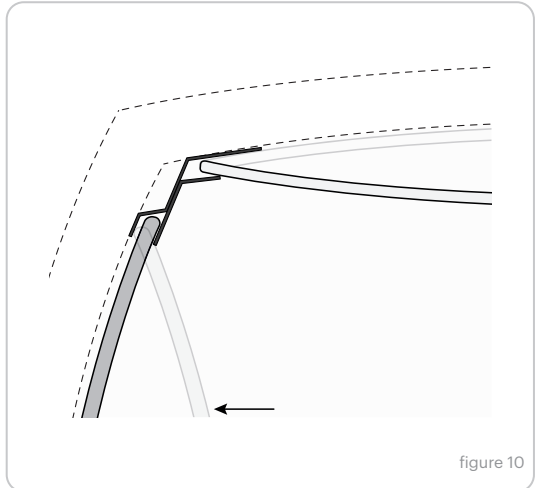


figure 10

Installation

Phase B - windows and roofvents

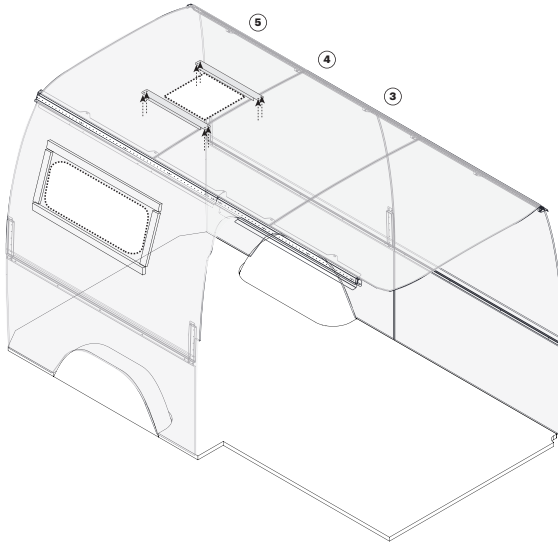


figure 12

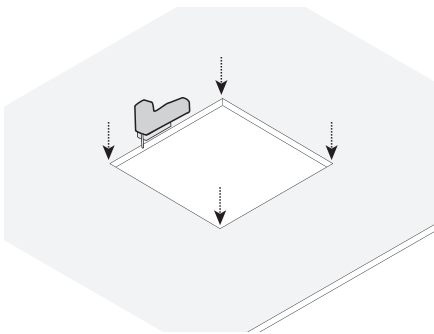


figure 13

9. To integrate a roofvents or window install the 2 additional brackets on the ceiling chasis and cutout the required size of the vents by a jigsaw.

To add a side window follow a similar process. Since there are multiple window sizes we recommend to use a timber frame specific to the window size and cutout the pane accordingly.