

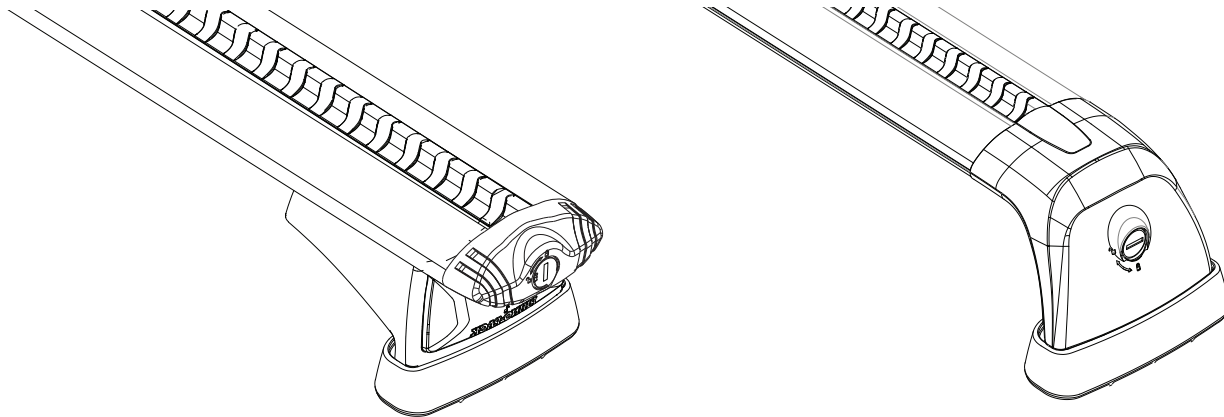


CONTROLLED

RHINO-RACK

RCP20-BK - Renault Master, Opel Movano, Vauxhall Movano, Nissan Interstar.

Important: Please read these instructions carefully prior to installation.
Please refer to your fitting instruction to ensure that the roof racks are installed in the correct locations.
Check the contents of kit before commencing fitment and report any discrepancies



Note: Crossbars and legs sold as separate.

Important Information

1. Check Part No./Kit is correct
2. Read through instruction before installing
3. Fit roof rack accessory
4. Check and recheck all fasteners are secure

Maximum carrying capacity: 100kg (220lbs) evenly distributed over the cross bars. Note: Be sure to check the Rhino-Rack website to see if you have the latest version of instructions before beginning

Recommendations:

It is essential that all bolt connections be checked after driving a short distance when you first install your crossbars. Bolt connections should be checked again at regular intervals (probably once a week is enough, depending on road conditions, usage, loads and distances travelled). You should also check the crossbars each time they are refitted. Make sure to fasten your load securely. Please ensure that all loads are evenly distributed and that the centre of gravity is kept as low as possible.

Use only non-stretch fastening ropes or straps.

Caution: The handling characteristics of the vehicle changes when you transport a load on the roof. For safety reasons we recommend you exercise extreme care when transporting wind-resistant loads. Special consideration must be taken into account when cornering and braking.

Please remove crossbars when putting vehicle through an automatic car wash.

Load Ratings:

Maximum permissible load is 100kg (220lbs) for two cross bars including the weight of the crossbars, 5kg (11lbs). When crossbars are to be used in off-road conditions, please build a safety factor of 1.5 into this load limit for off-road use, two cross bars = **66kg 145lbs**). Although the crossbars are tested and approved to AS1235-2000, Off road conditions can be much more rigorous. However, increasing the number of crossbars does not increase the vehicles maximum permissible roof loading.

Note for Dealers and Fitters:

It is your responsibility to ensure instructions are given to the end user or client.

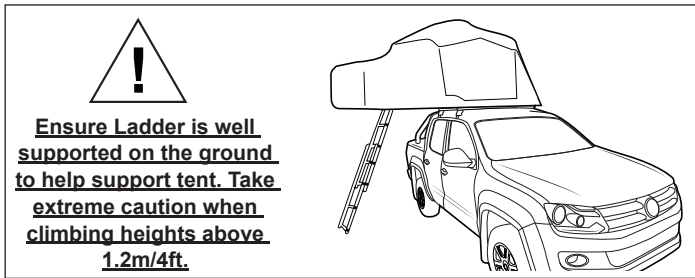
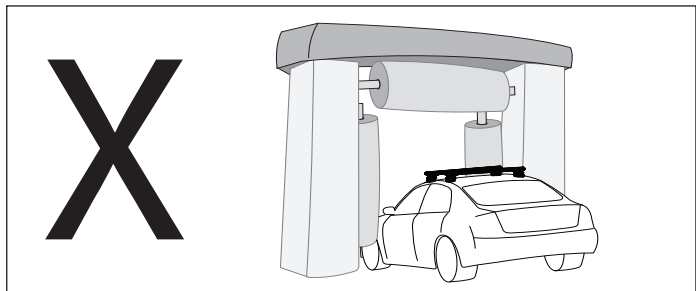
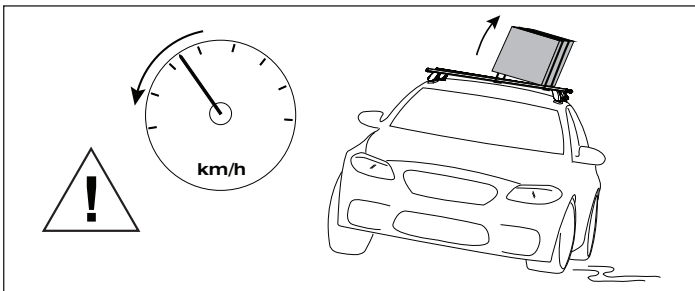
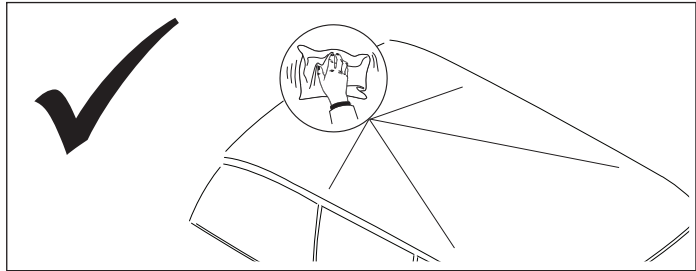
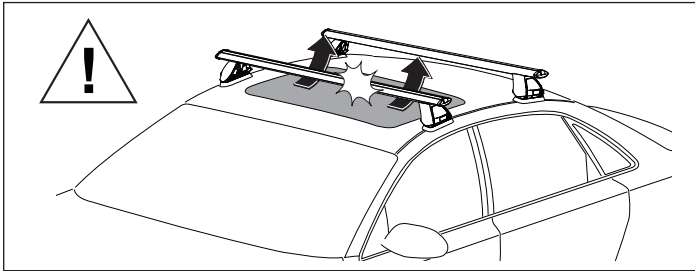
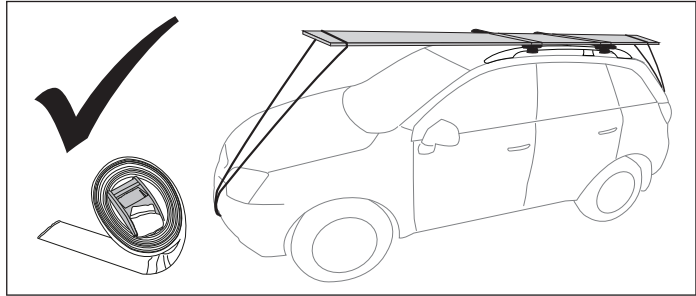
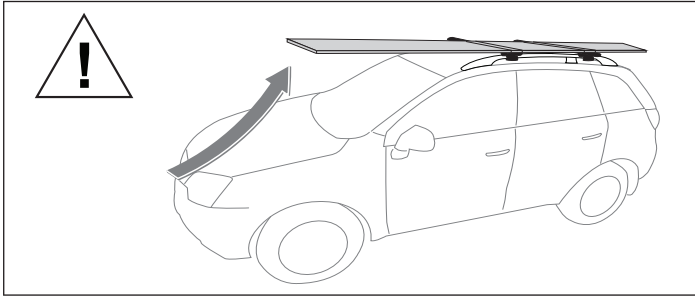
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Document No: R1322
Issue No: 02
Issue Date: 06/05/2020
Fit Time: 30min

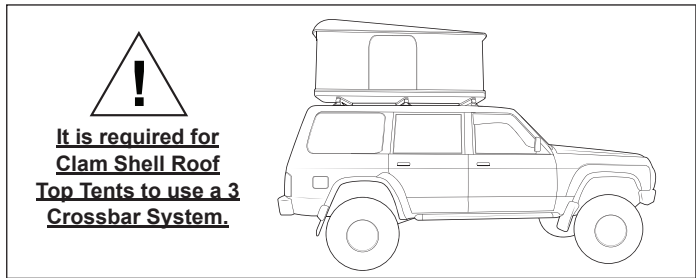
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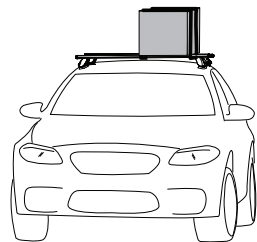


Ensure Ladder is well supported on the ground to help support tent. Take extreme caution when climbing heights above 1.2m/4ft.

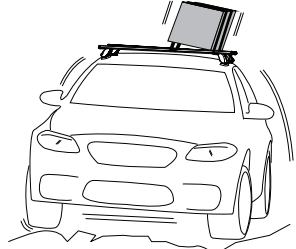


It is required for Clam Shell Roof Top Tents to use a 3 Crossbar System.

When these roof racks are to be used on a vehicle that is driven off sealed roads the maximum load rating must be divided by 1.5. Remember to subtract the weight of the roof racks to determine your maximum permissible load capacity.

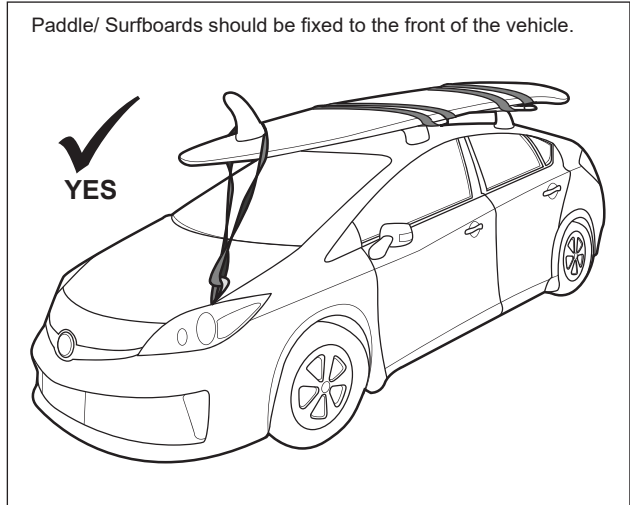


2 bars 100kg (220lbs) load rating (Urban road) = 2 bars 66kg (145lbs) load rating (Off road)
Load rating not taking into account crossbar weight - 5kg



WARNING! Important Load Carrying Instructions

With utility vehicles, the cabin and the canopy move independently. Roof racks and vehicle can be damaged if the item transported is rigidly fixed at points on both the cabin and canopy. Instead, rigidly fix to either the cabin roof racks or the canopy roof racks.

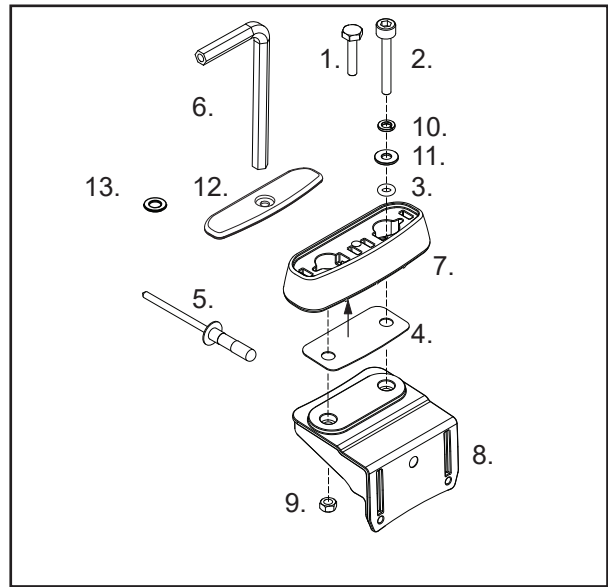


Paddle/ Surfboards should be fixed to the front of the vehicle.



Parts List

Item	Component Name	Qty	Part No.
1	M6 x 20mm Hex Setscrew	4	B082
2	M6 x 35mm Socket Screw	8	B218
3	O-Ring	8	C347
4	Renault Master Rubber	4	C655
5	Rivet	8	H008
6	5mm Security Key	1	H021
7	Renault Master Van Pad	4	M387
8	Renault Master Van Bracket	4	M388
9	M6 STD Hex Nut	8	N022
10	M6 Spring Washer	12	W004
11	M6 x 16mm Flat Washer	12	W031
12	Pad Cover	4	M126
13	M6 Washer (used on cover plate)	4	W003
14	Instructions	1	R1322

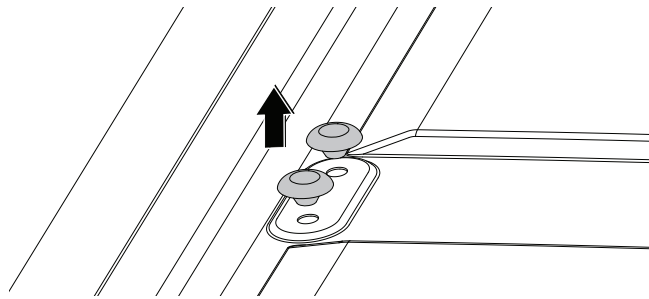


Tools Required: Pneumatic rivet gun. Marker. Power Drill with 5mm drill bit. Cold galvanising paint and brush. 16mm spanner (5/8"). Drill stop. 10mm socket wrench.

Instructions

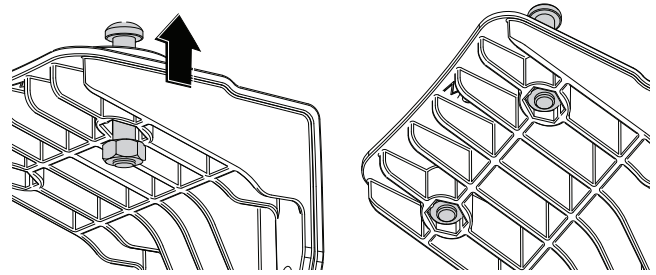
1 Remove rubber plugs.

Remove the rubber plugs. Wipe off excess dirt around holes. Keep plugs for future use if roof racks are removed.



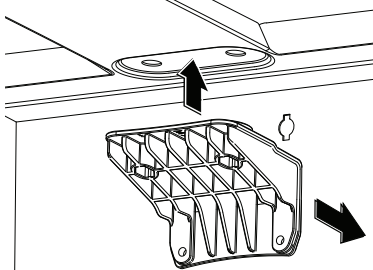
2 M6 nuts.

Locate an M6 x 35mm screw through each hole of the internal support bracket. Fasten M6 nut, pull the bolt so the nut locates into support bracket. Remove the screw.

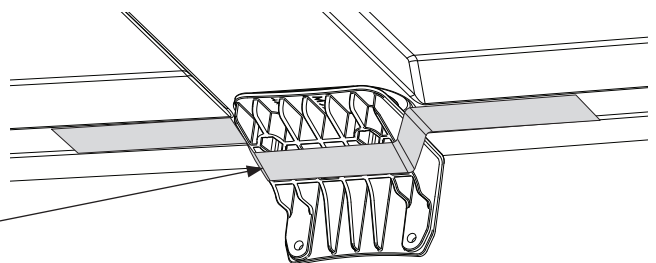


3 Internal support bracket.

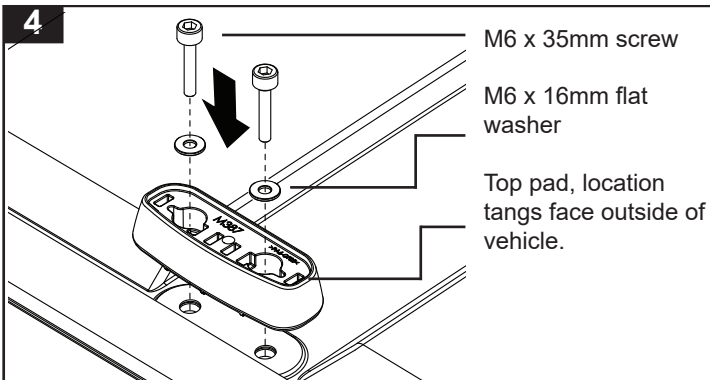
Place internal support bracket on inside of the vehicle underneath holes. Use masking tape to hold bracket against corner of underside roof and inner wall of vehicle.



masking tape.



4



M6 x 35mm screw

M6 x 16mm flat washer

Top pad, location tangs face outside of vehicle.

Fasten pad.

Locate top pad. Place hardware assembly through pad and roof holes to line up with the M6 nuts of internal support bracket. Lightly tension so the pad does not move.

Do not fully tighten at this stage.

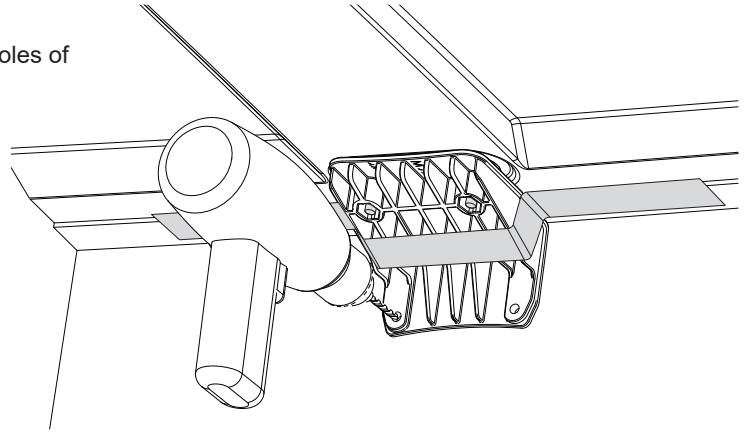
Do not fit the O-rings at this stage.



5 Spot drill holes.

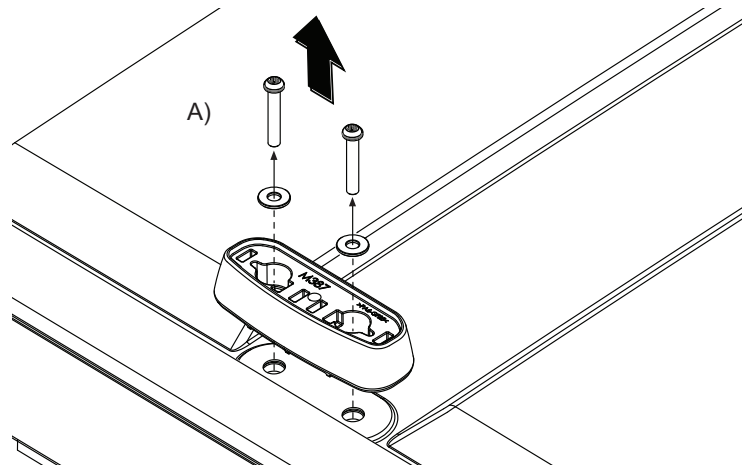
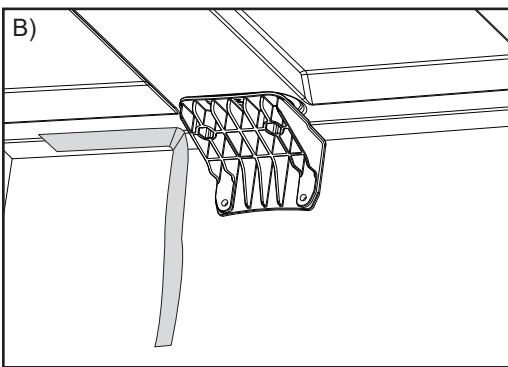
Spot drill the inside panel of vehicle through the two holes of the internal support bracket using a 5mm drill bit.

Do not drill through at this stage.



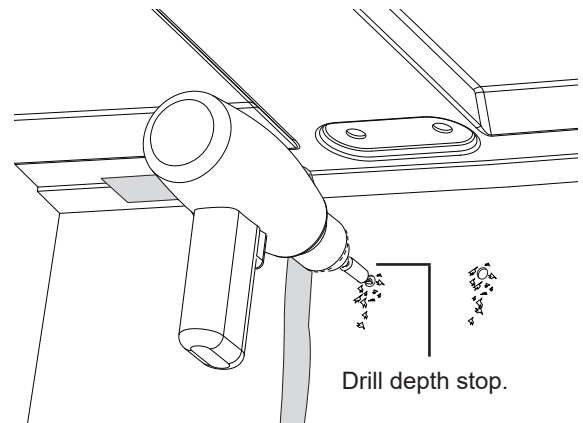
6 Remove pad & bracket.

Remove screws. Remove masking tape.



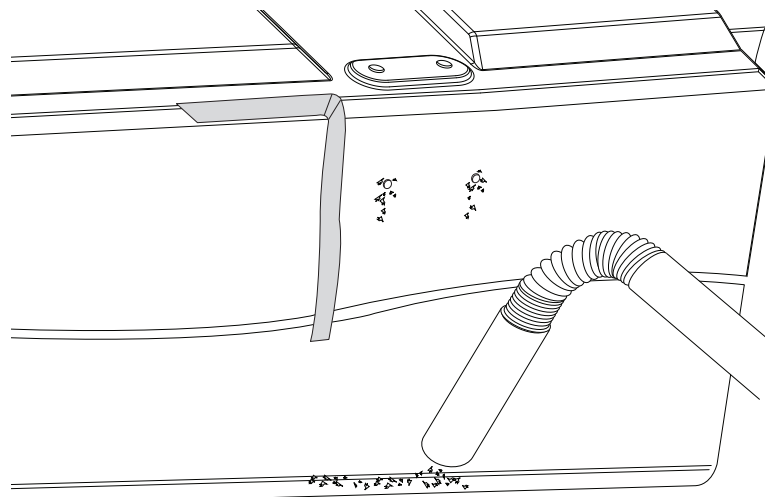
7 Drill through.

Use a drill depth stop (refer page 2) to eliminate drilling into the outer skin of the vehicle. Drill through inner panel only using a 5mm drill bit.



8 Vacuum swarf.

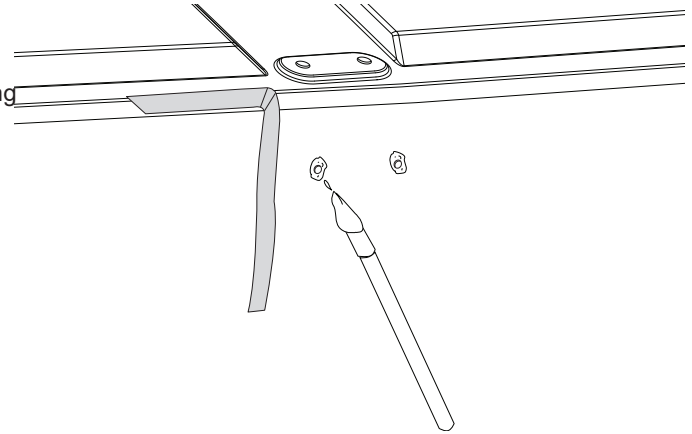
Use a vacuum to remove swarf. This will minimise scratching of the painted surface. Wipe excess from around the drilled holes with a soft rag.





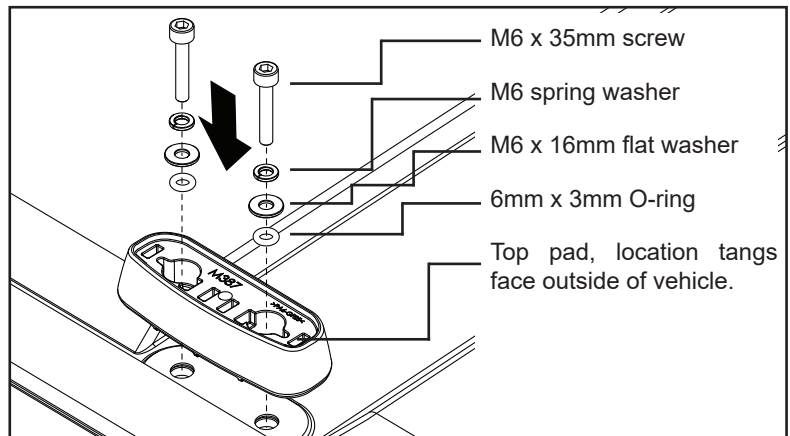
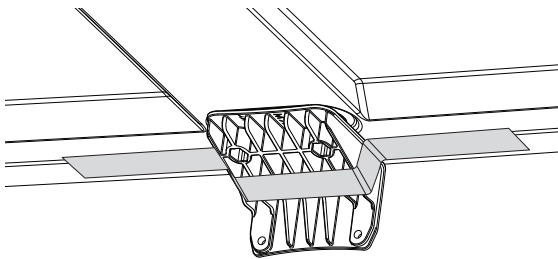
9 Rust prevention.

Apply a liberal amount of cold galvanizing solution to the inside and surrounds of drilled holes. Allow cold galvanising solution to touch dry, 10 minutes or so.



10 Pad & bracket.

Support inside bracket with masking tape. Locate the pad. Fasten with hardware shown in diagram below. Tighten M6 screws to 3-4 Nm.



11 When crossbars are not in use, install the pad cover plates as shown.

M6 x 20mm hex

M6 spring washer

M6 x 16mm flat washer

