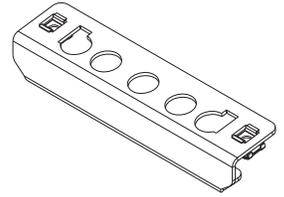




RENAULT MASTER SWB, MWB, LWB and ELWB 3 OR 4 CROSSBAR FITMENT



MAX 3 OR 4 BAR EVENLY DISTRIBUTED LOAD: 100KG.
IMPORTANT: THIS LOAD CAPACITY INCLUDES WEIGHT OF CROSSBARS (5KG EACH).

Important information:

- Do not exceed the maximum roof load capacity of your vehicle (found in vehicle owners manual). If lower than roof rack system, always use the lower of the two figures. The mass of the roof rack and any bar accessories fitted, must be subtracted from the maximum carrying capacity to determine actual payload capacity. As a guide each cross bar weighs 5kgs. Example: Maximum Carrying capacity of 100kgs, Subtract 15kgs for a three bar system. Actual Payload is 85kgs.
 - Narrow and heavy loads are to be carried near the feet. - Loads which overhang shall conform to any relevant state laws.
 - Check tie down strap tension every 50kms as loads can shift and resettle
 - Do not use elastic straps to secure a load. Surfboards or similar large wind resistive loads should NOT be carried side by side but on top of each other. Each should be secured independently to the front and rear roof bar.
 - Specialised equipment carriers for specific products should always be used. I.e Ladder rack, bike and kayak carriers
- Note:** The handling characteristics of a vehicle will change when a carrier system is fitted. Driving techniques should be altered to allow for these changes, reducing speed, cornering and allowing longer braking distances.
- Roof bars can be removed when not in use.

Parts list:

Item	Part	3 Bar	4 Bar
1	M6 x 30mm Screw - F008	12	16
2	M6 x 20mm Screw - F006	12	16
3	M6 Flat Washer - F011	12	16
4	M6 Nyloc Nut - F052	12	16
5	Bracket - C087	6	8
6	4mm Allen Key - C028	1	1

Required Tools:

1 - Power Drill.	4 - Butyl Mastic.	8 - 6.5mm Drill Bit.	11. 3mm Pilot Drill bit.
2 - Drill Depth Guide.	5 - Marker.	9 - 10mm wrench.	
3 - Cold Galvanising Paint.	7 - Vacuum.	10 - Masking Tape.	

Note: The factory plugs are not used for this kit. Higher strength and better performance can be found in the roof ditch area, where multiple layers are located.

Required kits (as separate):

Crossbar x3
1500mm or 1650mm

Crossbar Mount Kit x3

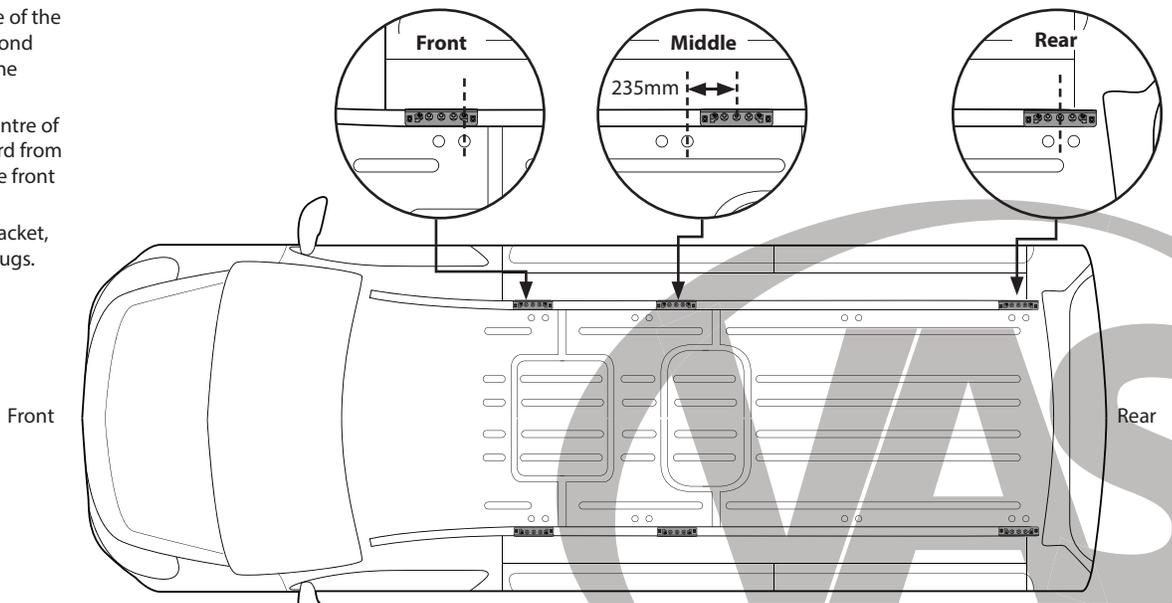
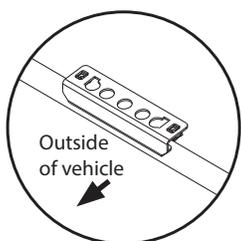
3 Crossbar System Step 1 (for 4 crossbar go to page 4).

Move to the roof of the vehicle. At the measurements indicated, place a bracket.

Front bracket - The rear hole of the bracket lines up with the second roof plug, from the front of the vehicle.

Middle bracket - Line the centre of the bracket, 235mm backward from the fourth roof plug, from the front of the vehicle.

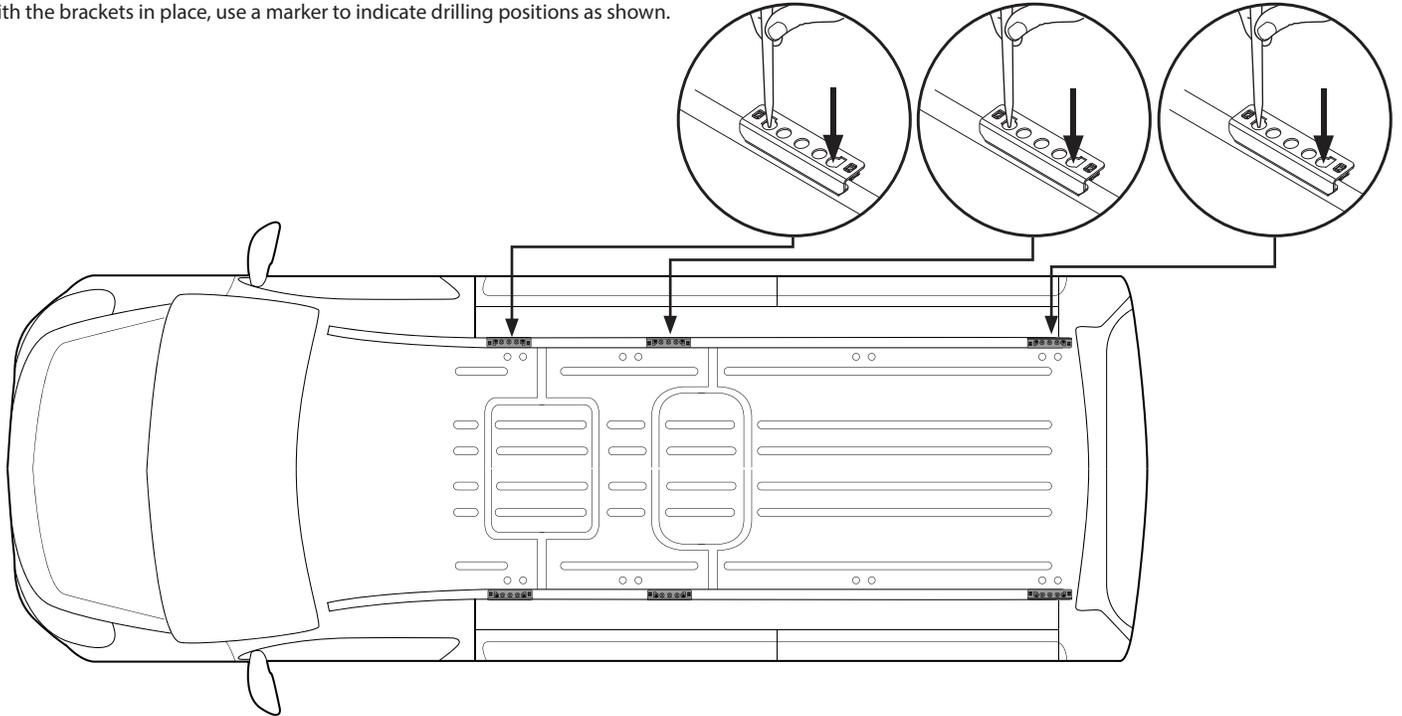
Rear bracket - Centre the bracket, between the two rear roof plugs.



VAN RACKING MOUNT FITMENT

Step 2

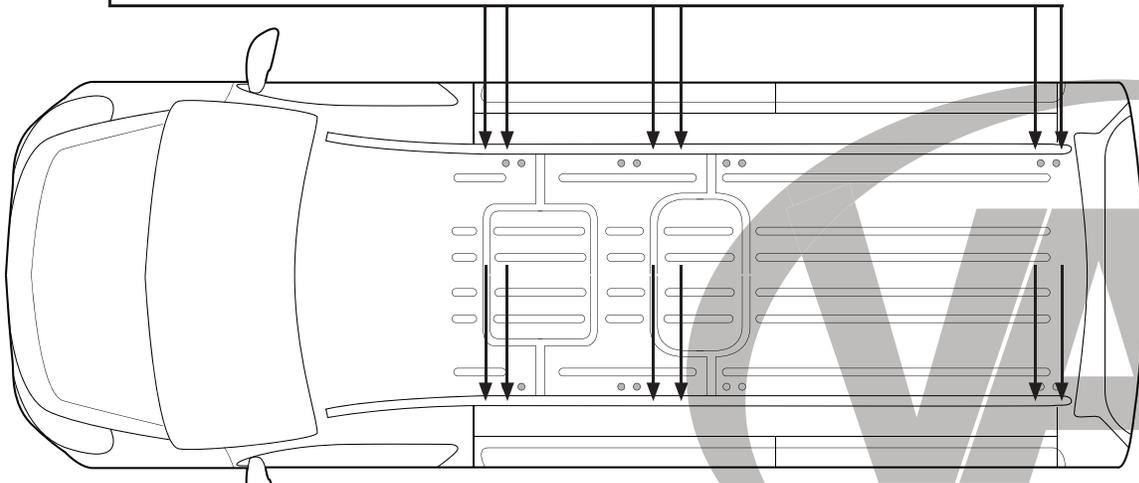
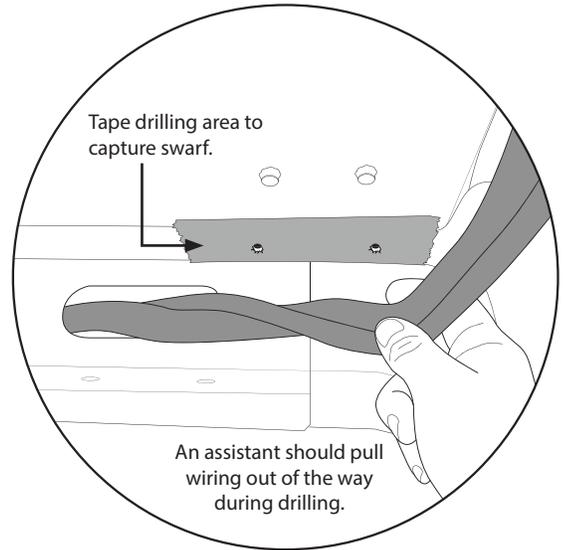
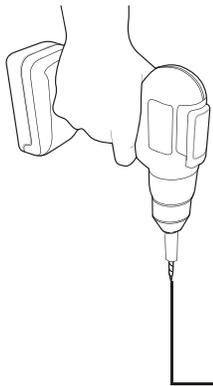
With the brackets in place, use a marker to indicate drilling positions as shown.



Step 3

Pilot drill with a 3mm bit, then using a 6.5mm drill bit and a depth gauge set to 5mm, carefully drill through your roof references.

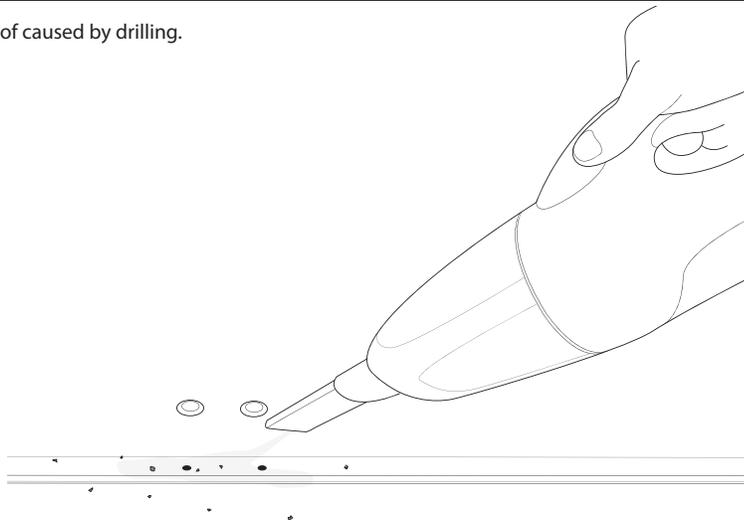
Note: It is advised to drill the rear left and front left bracket with assistance. Loom wiring is present under these drilling locations. Apply tape in the approximate drilling location to capture swarf. An assistant should pull wiring out of the way during drilling.



VAN RACKING MOUNT FITMENT

Step 4

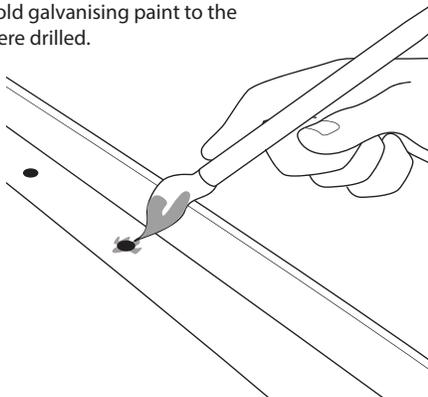
Vacuum any swarf from the roof caused by drilling.



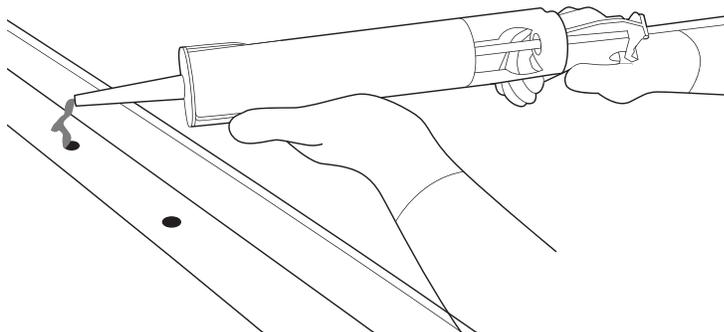
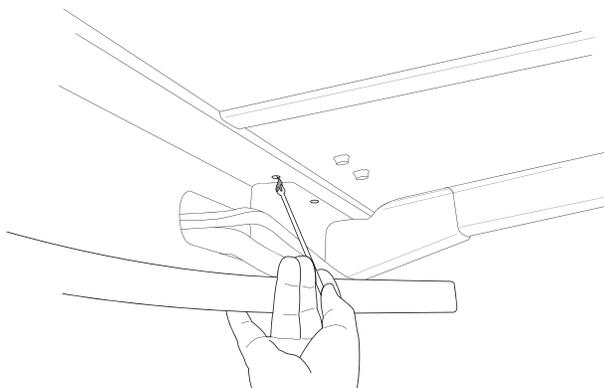
Step 5

Apply cold galvanising paint to the holes drilled. Allow time to dry. Using butyl mastic, apply a water seal to the holes drilled.

Apply cold galvanising paint to the roof where drilled.



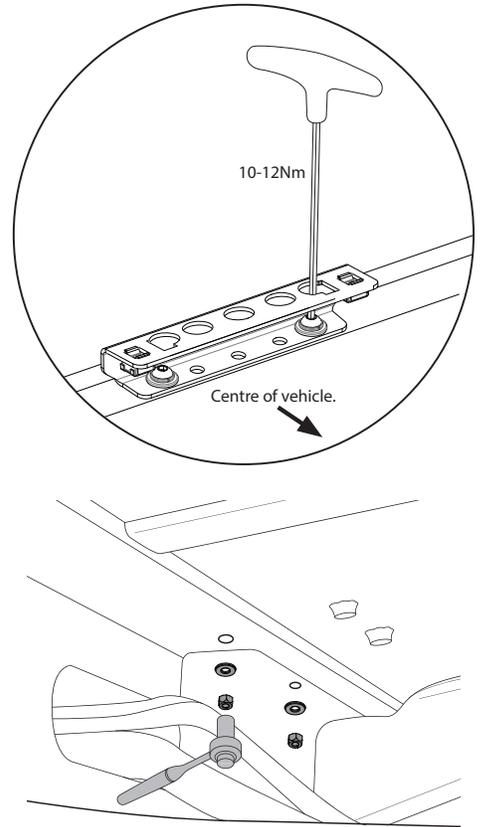
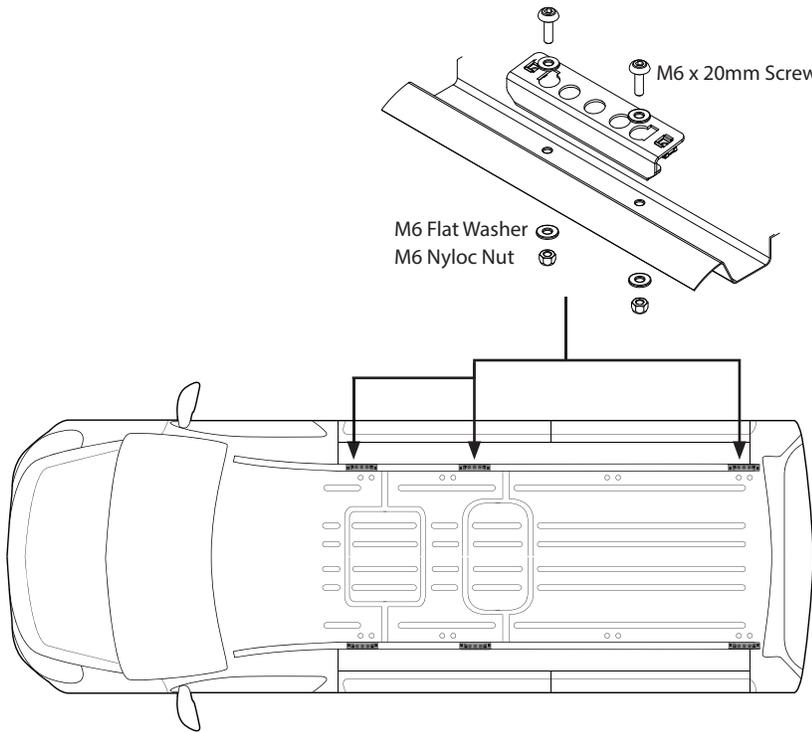
Apply cold galvanising paint to the underside of the roof where drilled.



VAN RACKING MOUNT FITMENT

Step 6

Place the brackets onto the roof and fix in place with M6 hardware. Tighten with a an 10mm socket and the allen key provided. For crossbar fitment turn to page 7.



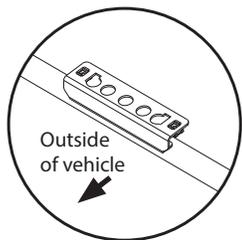
4 Crossbar System step 1

Move to the roof of the vehicle. At the measurements indicated, place a bracket.

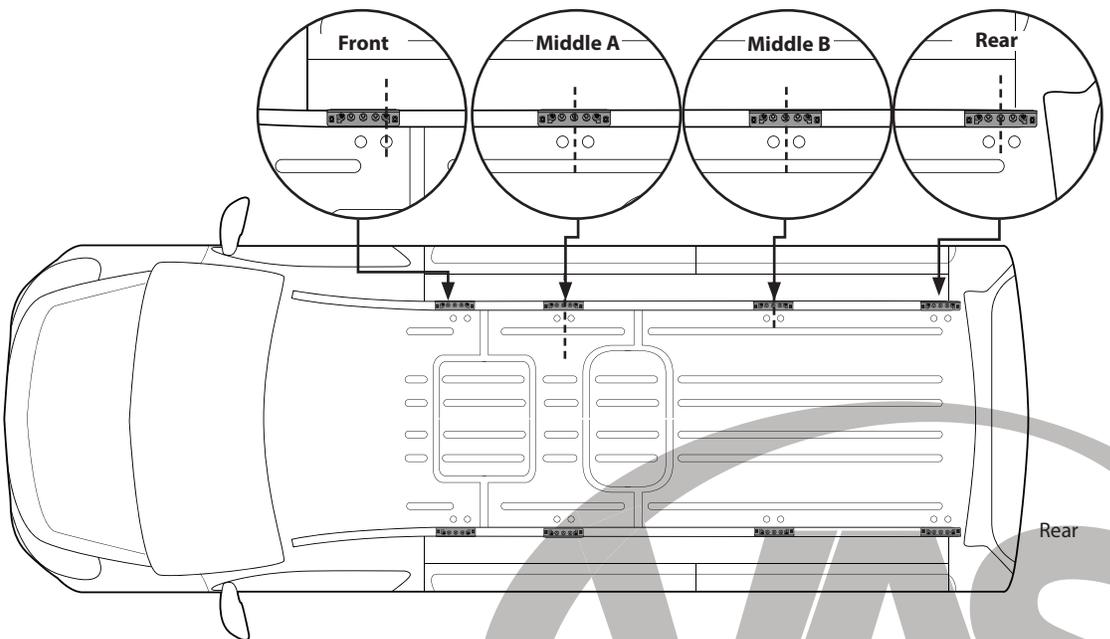
Front bracket - The rear hole of the bracket lines up with the second roof plug, from the front of the vehicle.

Middle brackets (A/B)- Line the centre of the bracket, between the factory plugs as shown.

Rear bracket - Centre the bracket, between the two rear roof plugs.



Front

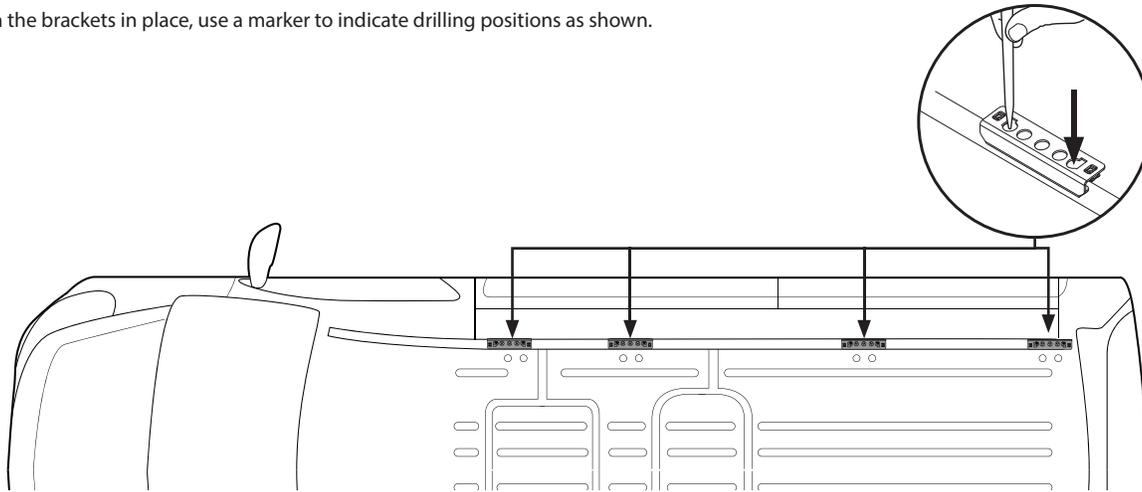


Rear

VAN RACKING MOUNT FITMENT

Step 2

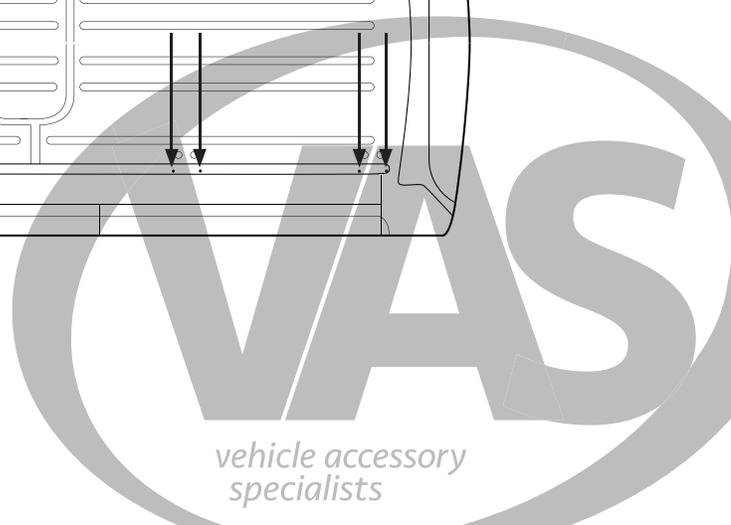
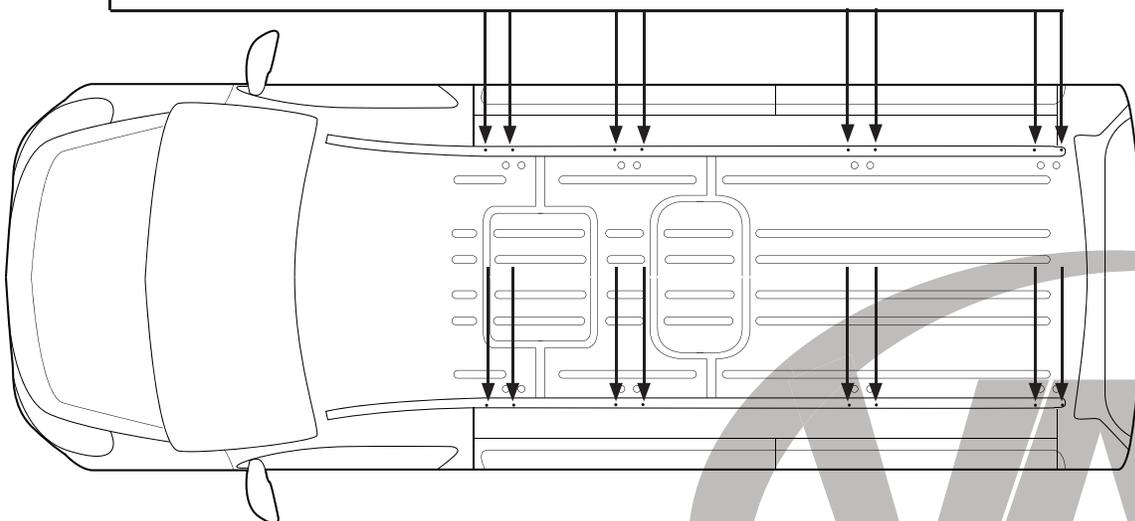
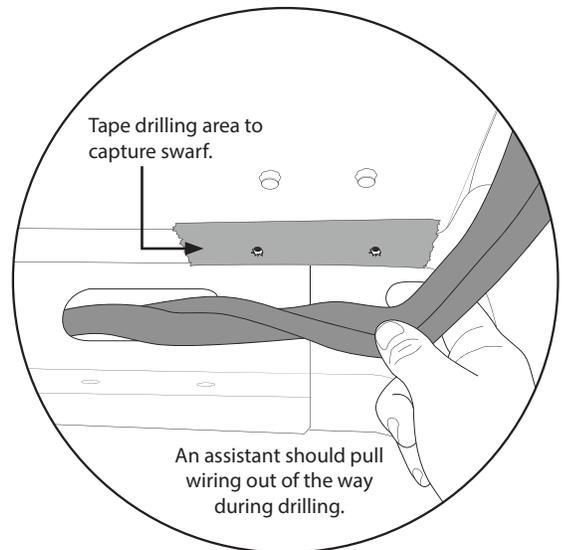
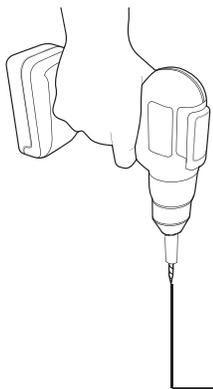
With the brackets in place, use a marker to indicate drilling positions as shown.



Step 3

Pilot drill with a 3mm bit, then using a 6.5mm drill bit and a depth gauge set to 5mm, carefully drill through your roof references.

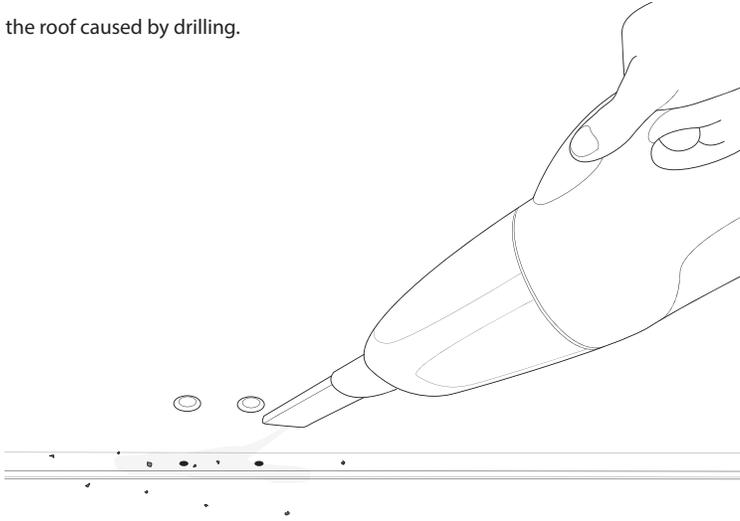
Note: It is advised to drill the rear left and front left bracket with assistance. Loom wiring is present under these drilling locations. Apply tape in the approximate drilling location to capture swarf. An assistant should pull wiring out of the way during drilling.



VAN RACKING MOUNT FITMENT

Step 4

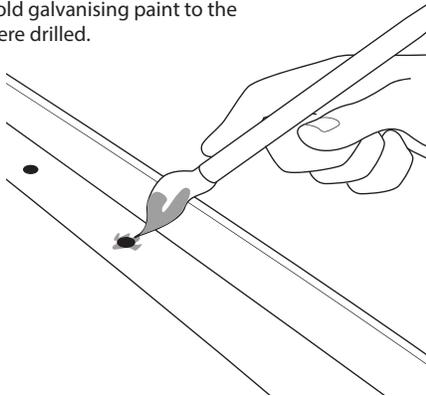
Vacuum any swarf from the roof caused by drilling.



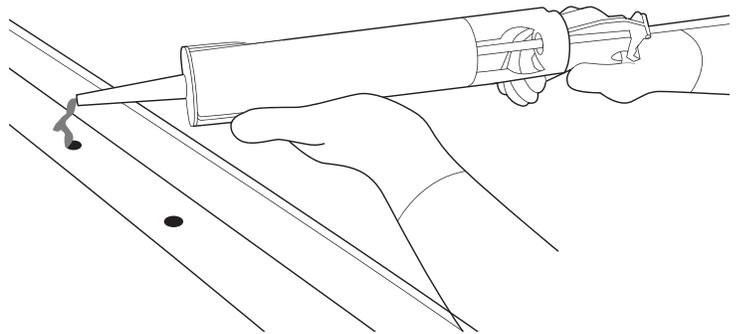
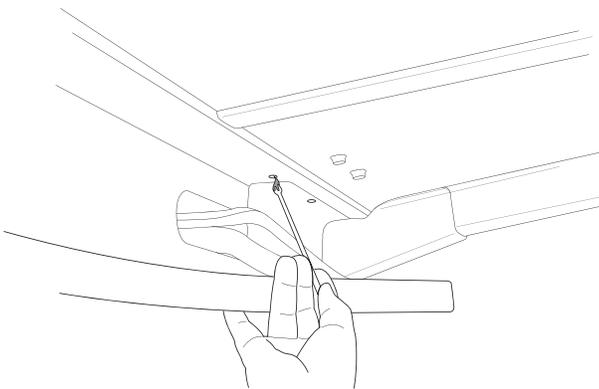
Step 5

Apply cold galvanising paint to the holes drilled. Allow time to dry. Using butyl mastic, apply a water seal to the holes drilled.

Apply cold galvanising paint to the roof where drilled.



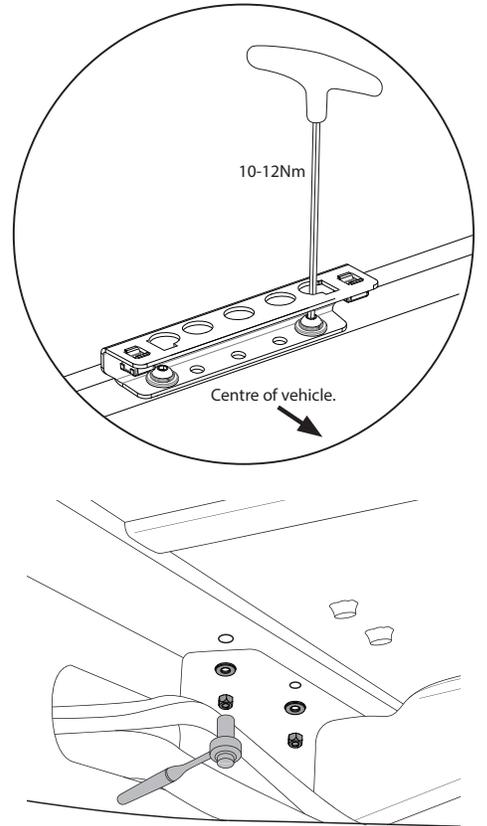
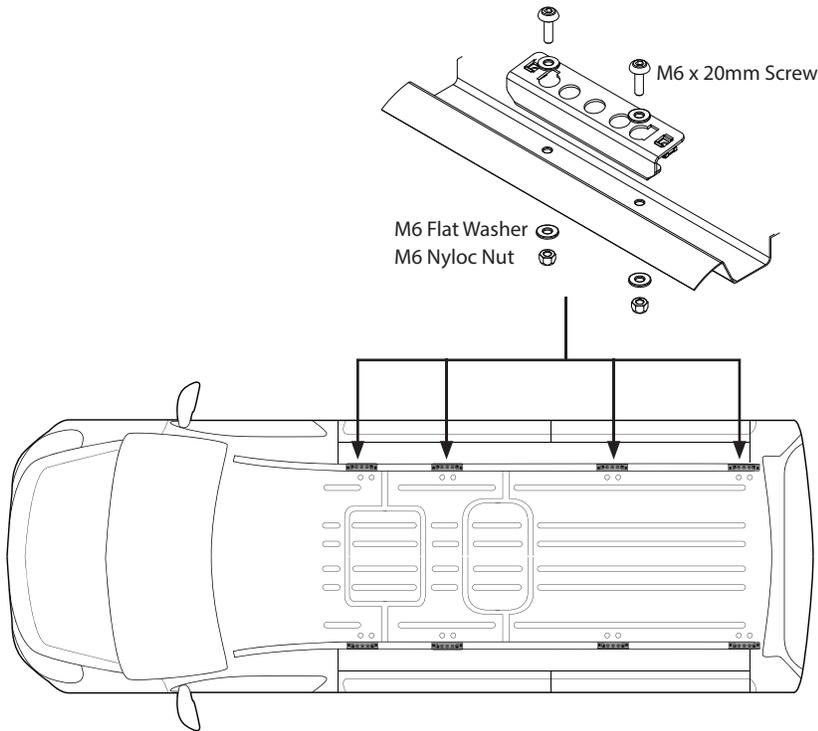
Apply cold galvanising paint to the underside of the roof where drilled.



VAN RACKING MOUNT FITMENT

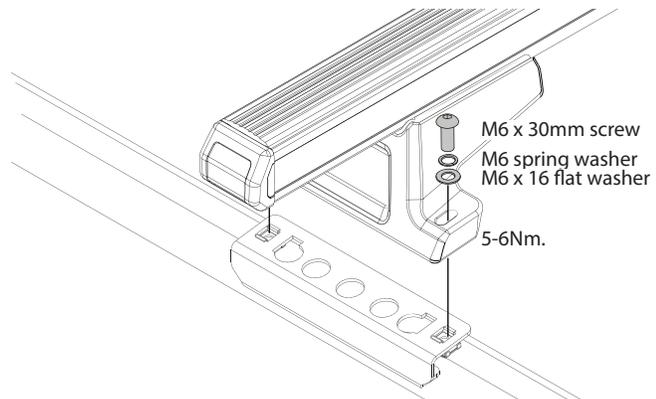
Step 6

Place the brackets onto the roof and fix in place with M6 hardware. Tighten with a an 10mm socket and the allen key provided.



Crossbar fitment

Complete crossbar mount kits as specified in their instructions. Place the crossbars onto the installed brackets in the roof. Fix in place with the M6 hardware provided and tighten with the allen key provided.



NOTE

ATTENTION: Thoroughly check all fasteners are secure before driving away.

