

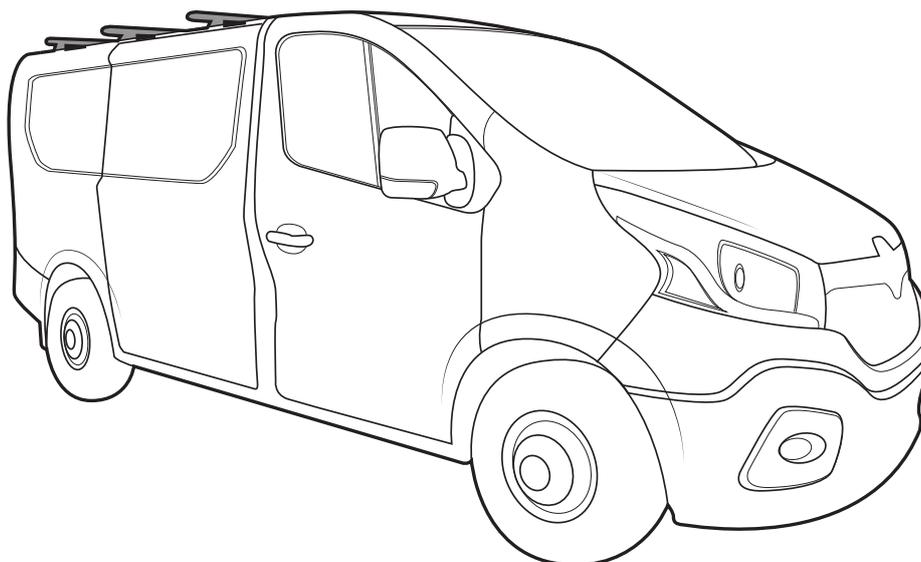


RHINO-RACK

RLT600 Crossbar Fitment

RENAULT Traffic X82, NISSAN Primastar, VAUXHALL/ OPEL Vivaro

Important: Please read these instructions carefully prior to installation.
Check the contents of this kit before commencing fitment and report any discrepancies.
Place these instructions in the vehicle's glove box after installation is complete.



Important Information

Maximum carrying capacity: 100kg/220lbs evenly distributed over all crossbars.

Please refer to your vehicle manufacturers handbook for maximum carrying capacity of your roof racks. Always use the lower of the two figures. Load must be evenly distributed over the crossbars. Maximum permissible load is 100kg/220lbs (including the weight of the crossbars, 5kg/11lbs). When roof racks are to be used in off-road conditions, please build a safety factor of 1.5 into this load limit, 66kg/145lbs for off-road conditions. Although the roof racks are tested and approved to AS1235-2000, road conditions can be much more rigorous. However, increasing the number of crossbars does not increase the vehicles maximum permissible roof loading.

Do not attempt to fit the crossbars to your vehicle unless you fully understand this fitting instructions. Please direct any questions regarding fitting to the dealer from where the kit was purchased. **Use only non-stretch fastening ropes or straps.**

Recommendations: It is essential that all bolt connections be checked after driving a short distance when you first install your roof racks. Bolt connections should be checked again at regular intervals (once a fortnight is enough, depending on road conditions, usage, loads and distances travelled). You should also check the roof racks each time they are re-fitted. Always 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. Long loads (e.g. canoes and kayaks) must be secured front and rear with non-stretch fastening ropes or straps.

Roof racks must be removed when putting vehicle through an automatic car wash.

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.

Note for Dealers and Fitters:

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

Rhino-Rack Australia Pty Ltd
3 Pike Street, Rydalmere,
NSW 2116, Australia.
(Ph) (02) 8846 1900
(Fax) (02) 9638 4822
<http://www.rhinorack.com.au>

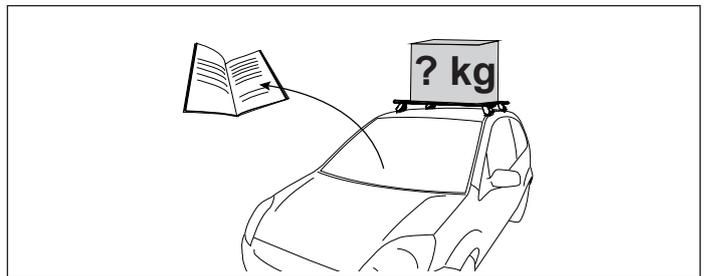
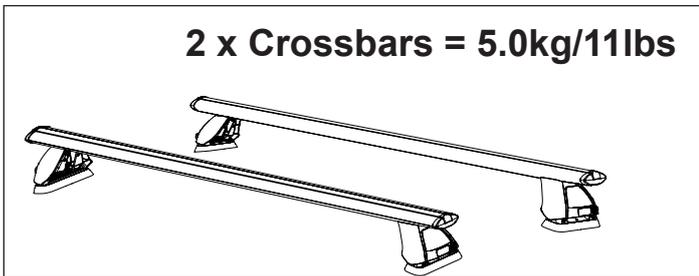
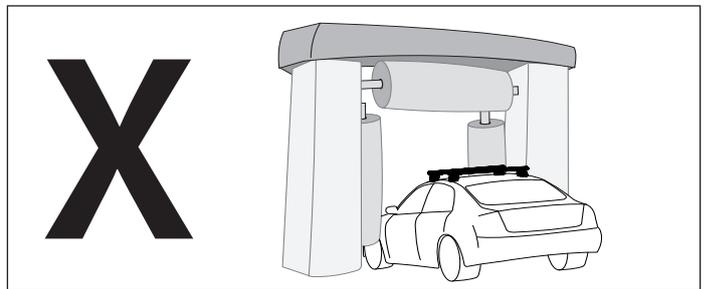
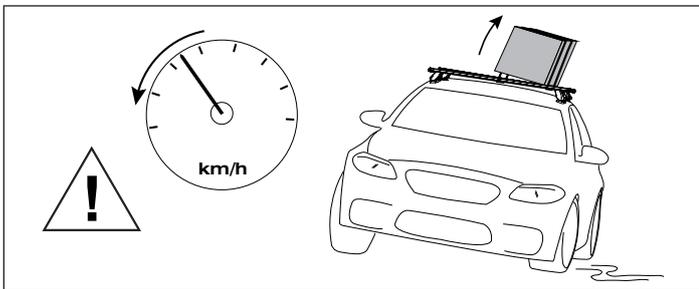
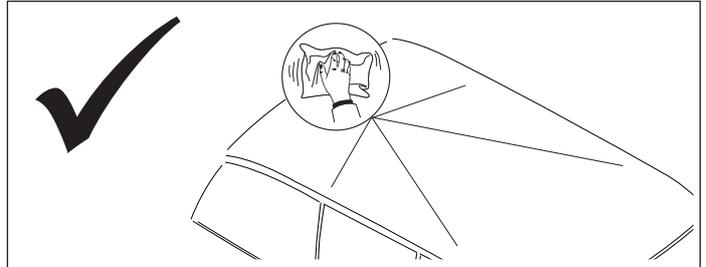
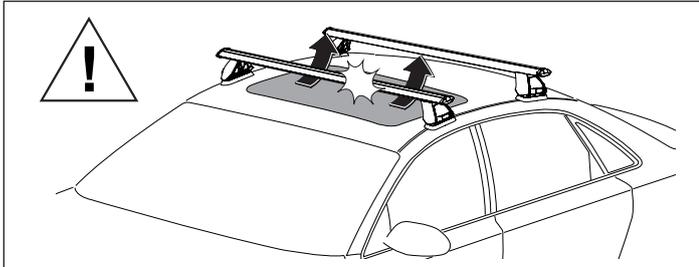
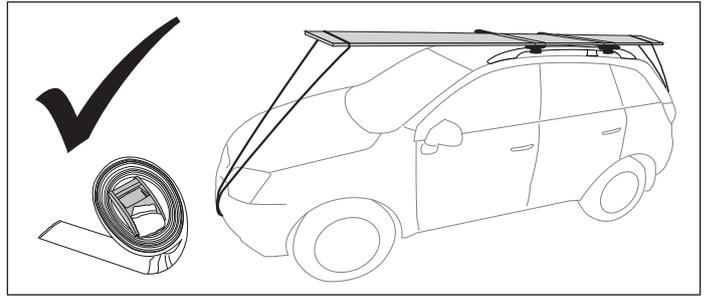
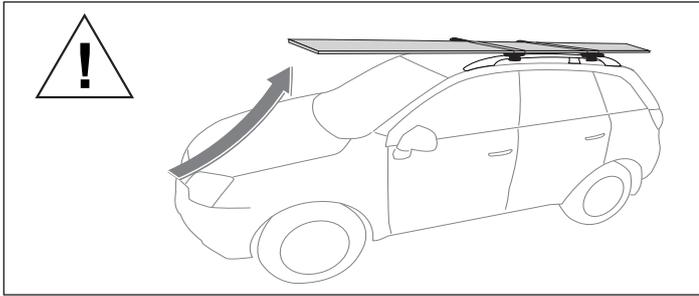
Document No: R758
Prepared By: Craig Jones
Authorised By: Chris Murty

Issue No: 01
Issue Date: 24/07/2015

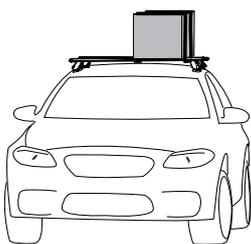
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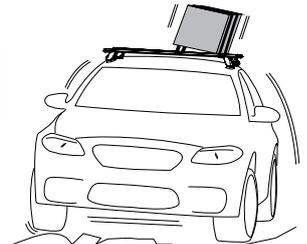
RLT600 Crossbar System



When these roof racks are to be used on a vehicle that is driven off sealed roads, the manufacturer maximum roof load rating (to be found in the vehicles User Manual) should be **divided by 1.5**. Do not forget to subtract the complete crossbar system weight from your maximum carrying capacity.

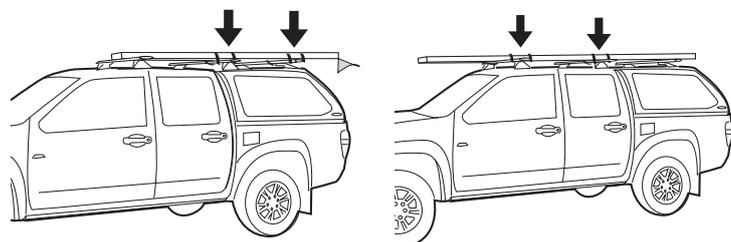


$$100\text{kg}/220\text{lbs (Urban Road)} = 66\text{kg}/145\text{lbs (Off Road)}$$

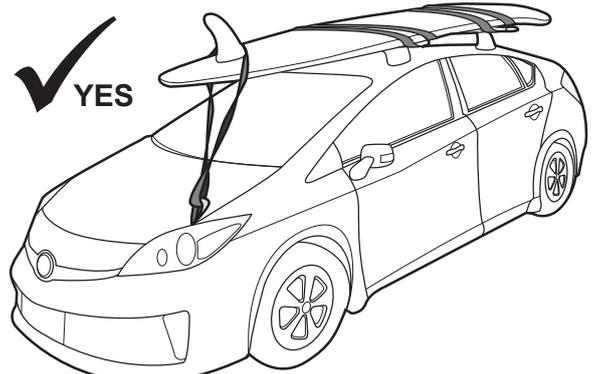


WARNING! Important Load Carrying Instructions

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.



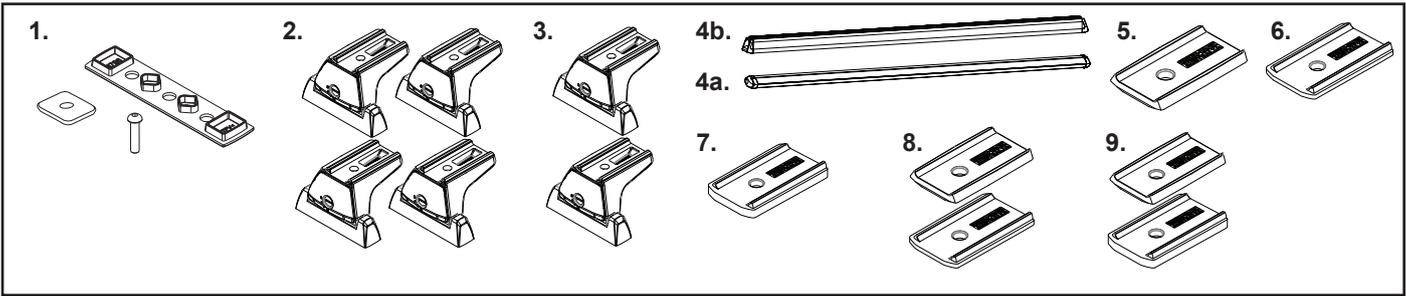
Paddle/ Surfboards should be fixed to the front of the vehicle.





RLT600 Crossbar System

Parts List



Item	Vortex Crossbars	SWB Low Roof			LWB Low Roof			Part No.
		Qty 2 Bar	Qty 3 Bar	Qty 4 Bar	Qty 2 Bar	Qty 3 Bar	Qty 4 Bar	
1	Quick Mount Fit Kit	2	3	4	2	3	4	QMFK04
2	Leg Kit	1	1	2	1	1	2	RLT600
3	Leg Kit Half	-	1	-	-	1	-	RLT600H
4a	Vortex Crossbars	2	3	4	2	3	4	VA165B or VA165S
6	Quick Mount 5mm VA Spacer	-	-	1	-	1	1	QMVA05
7	Quick Mount 10mm VA Spacer	-	-	1	-	-	-	QMVA10
10	Fitting Instruction	1	1	1	1	1	1	R758
Item	Heavy Duty Crossbars	Qty 2 Bar	Qty 3 Bar	Qty 4 Bar	Qty 2 Bar	Qty 3 Bar	Qty 4 Bar	Part No.
1	Quick Mount Fit Kit	2	3	4	2	3	4	QMFK04
2	Leg Kit	1	1	2	1	1	2	RLT600
3	Leg Kit Half	-	1	-	-	1	-	RLT600H
4b	Heavt Duty Bars	2	3	4	2	3	4	RB1650B or RB1650S
5	Quick Mount HD 5mm Spacer	2	3	2	2	2	3	QMHD05
8	Quick Mount HD 10mm Spacer	-	-	1	-	1	1	QMHD10
9	Quick Mount HD 15mm Spacer	-	-	1	-	-	-	QMHD15
10	Fitting Instruction	1	1	1	1	1	1	R758

Tools Required:

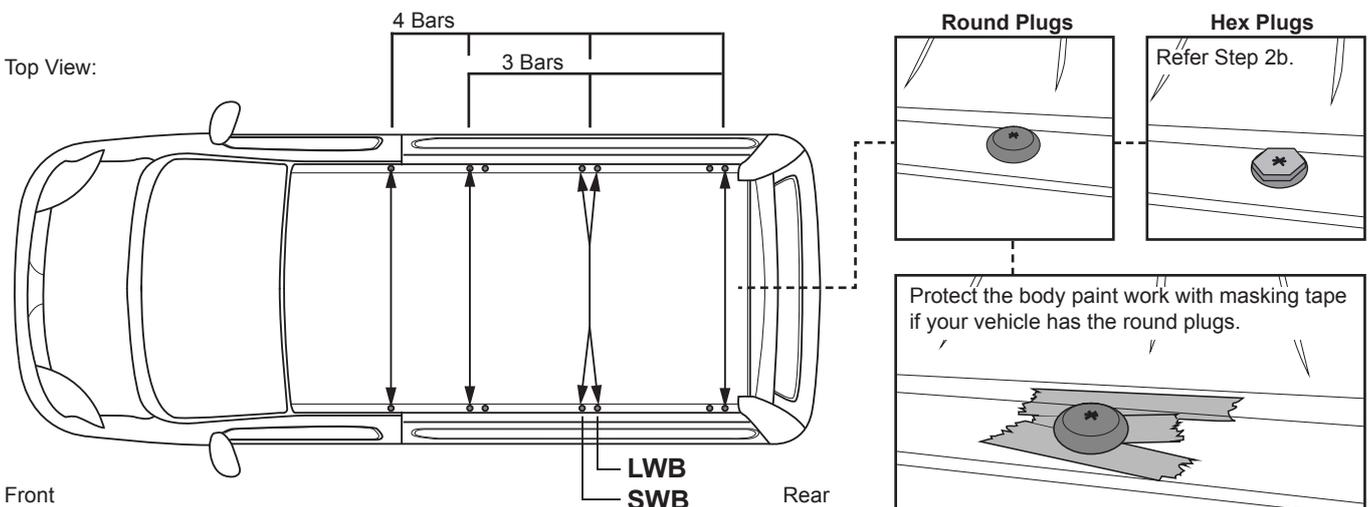
- *Long nose Vise Grips
- **13/16 Socket/ Spanner
- Masking tape
- Cleaning Cloth
- Cold galvanising paint
- Cotton buds
- T30 Torx key
- Tape measure
- 5mm Security Torque Key (included)

Note:

All kits are sold as separate. Ensure you have the required kits to complete your fitment.

1 Move to the roof of the vehicle. Determine which roof plugs your vehicle has, either round or hex shaped.

Round Head screws: Carefully apply masking tape around each Roof Plug to be removed.

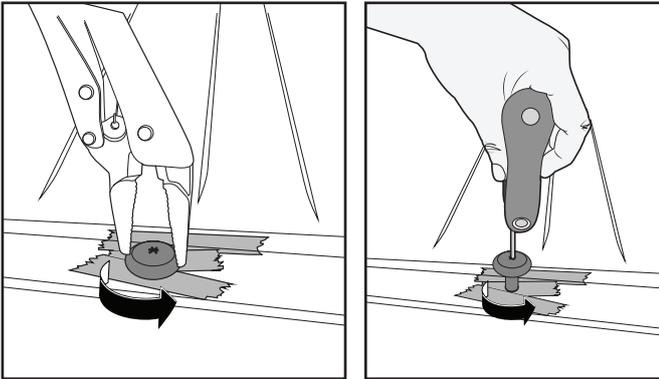




RLT600 Crossbar System

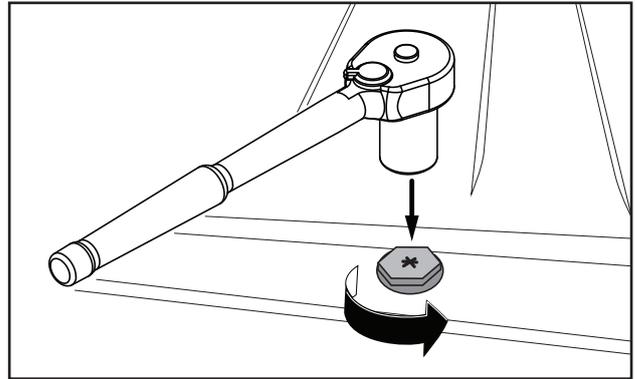
2a Round Head Screws:

With a pair of *Long nose vise grips, loosen the Roof Plugs. Remove the Plugs completely with a T30 torx key.

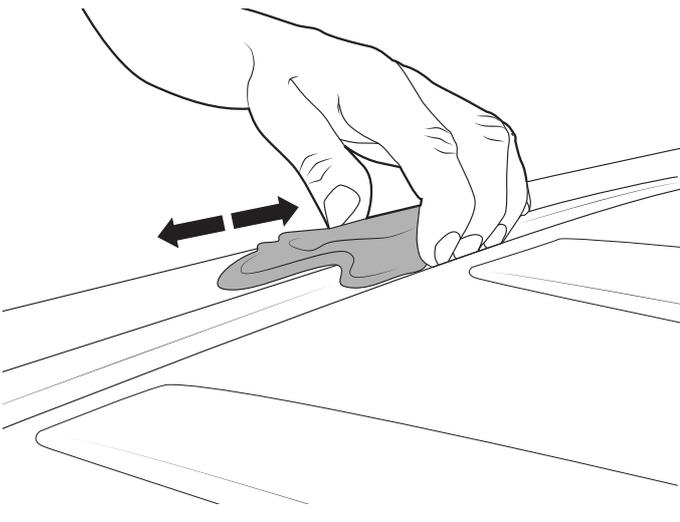


2b Hex Head Screws:

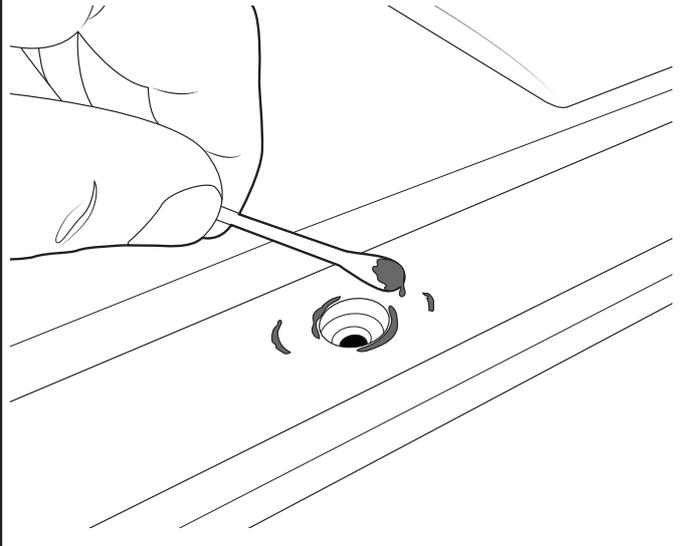
Use a **13/16 or 21mm socket wrench to remove the hex head roof plugs. Be carefull not to damage the plastic hex head while removing.



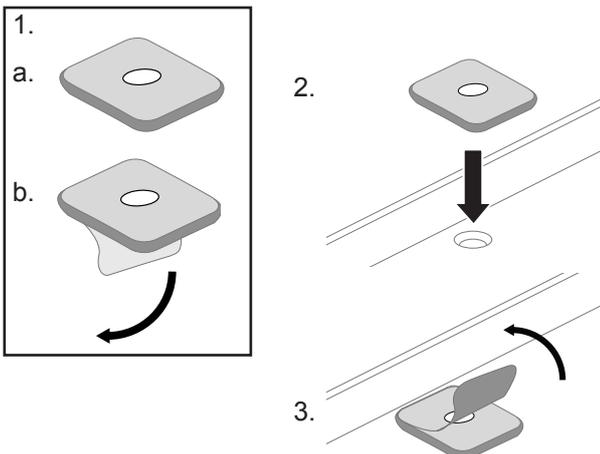
3 Remove masking tape (Step 2a only). Clean all dirt and debris out of roof ditch to enable a positive seal with the Butyl patch.



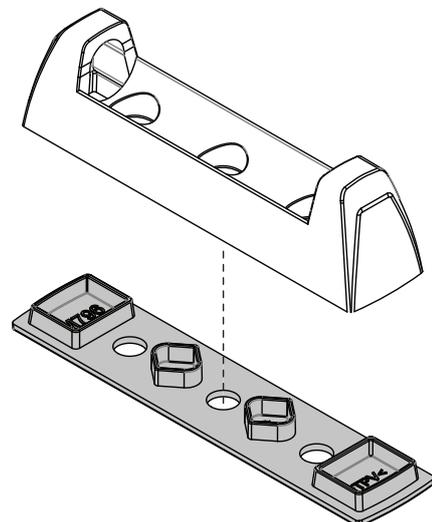
4 Note: Apply cold galvanising paint to any surface scratches caused by removing Roof Plugs.



5 Apply Butyl Patches to **ALL** exposed threads. 1: Remove the backing tape from the Butyl Patch. 2: Place one patch over each exposed threaded hole. 3: Remove the backing from top of patches.



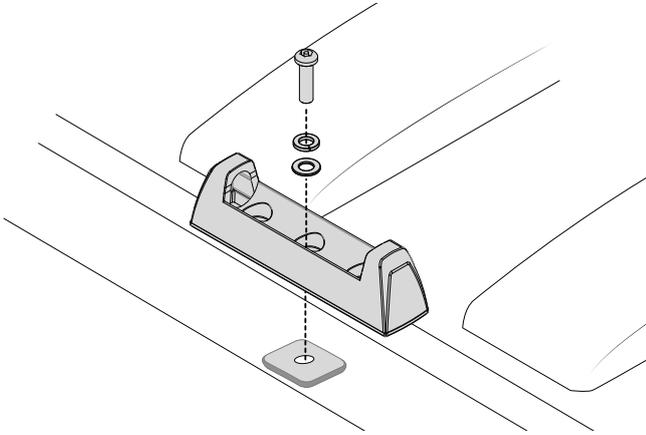
6 Fit the Rubber Bases from the QMFK04 kit to the RLT600 Quick Mount Bases.



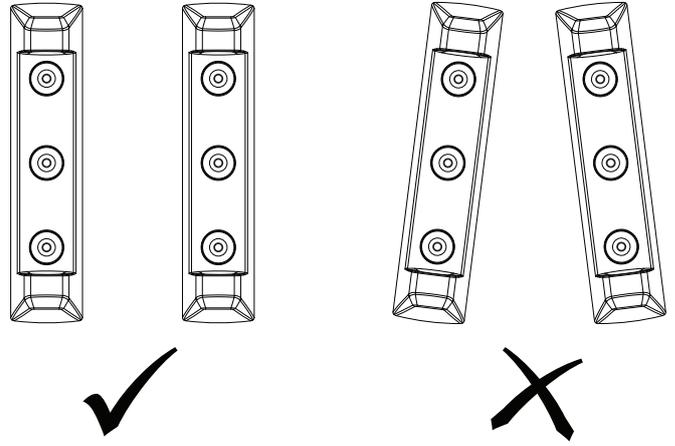


RLT600 Crossbar System

7 Line up the centre hole of the Quick Mount base with the thread in the roof. Apply downward pressure on the base to secure the butyl patch. Use the M6 x 25mm Security Screw, M6 Spring and M6 Flat Washers from the QMFK04 Kit to fix the Base in position. Tighten the Screws with the 5mm Security Torque Key provided in the RLT600 Kit. 3-4 Nm.

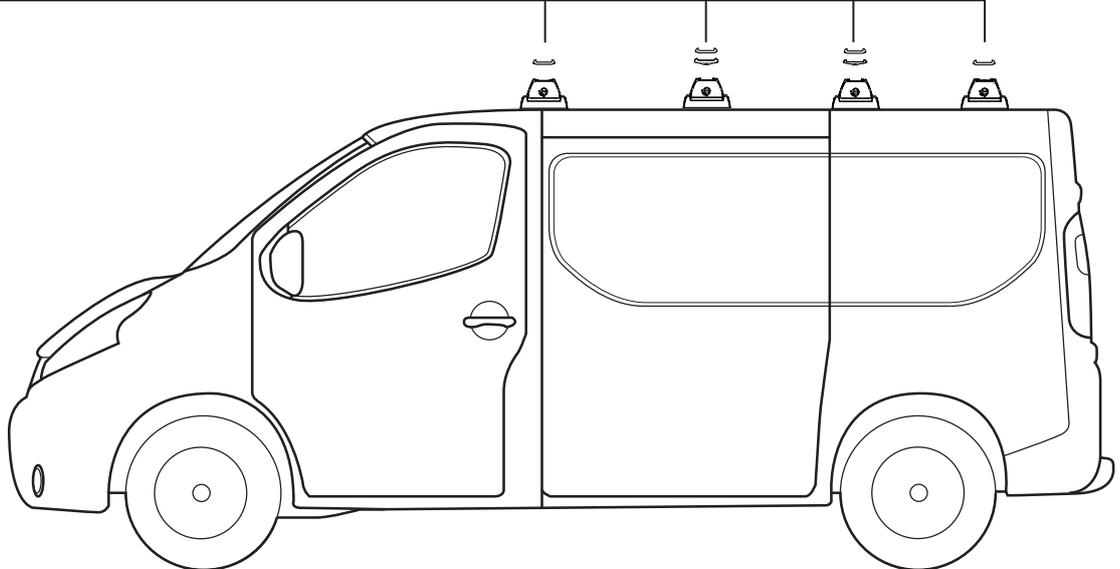


8 Be sure Brackets are parallel across the vehicle. This is required to correctly fit the legs and crossbars.



9 SWB Low Roof Van.
Crossbar spacer arrangements for 3 & 4 bar Vortex and Heavy Duty Systems shown below.

3 Vortex Crossbars		N/A	N/A	N/A
4 Vortex Crossbars	N/A	QMVA10	QMVA05	N/A
3 Heavy Duty Crossbars		QMHD05	QMHD05	QMHD05
4 Heavy Duty Crossbars	QMHD05	QMHD15	QMHD10	QMHD05





RLT600 Crossbar System

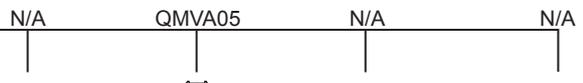
10 LWB Low Roof Van.

Crossbar spacer arrangements for 3 & 4 bar Vortex and Heavy Duty Systems shown below.

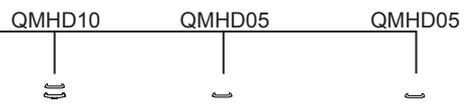
3 Vortex Crossbars



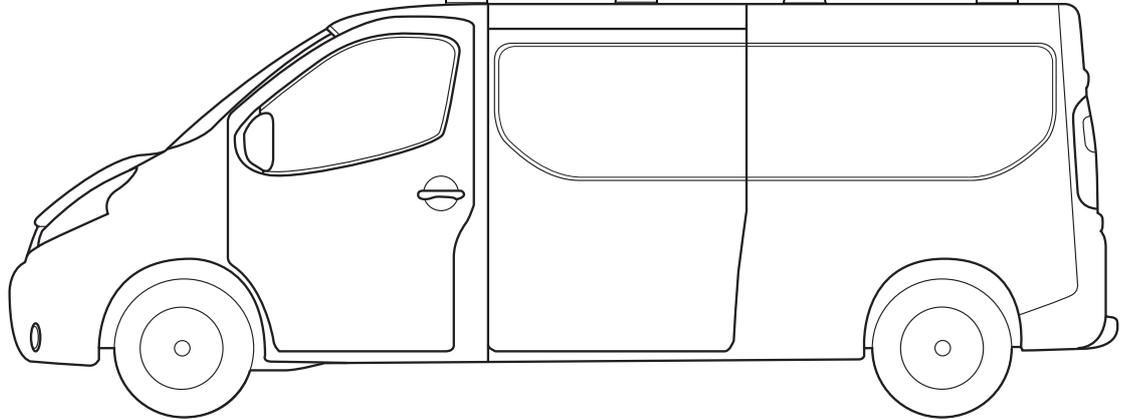
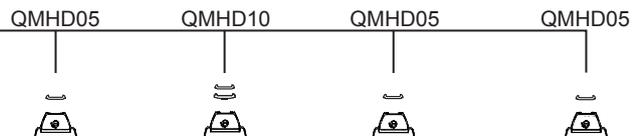
4 Vortex Crossbars



3 Heavy Duty Crossbars



4 Heavy Duty Crossbars



11 Fit RLT600 Legs as per instructions. Check all fixtures are secure before use.

