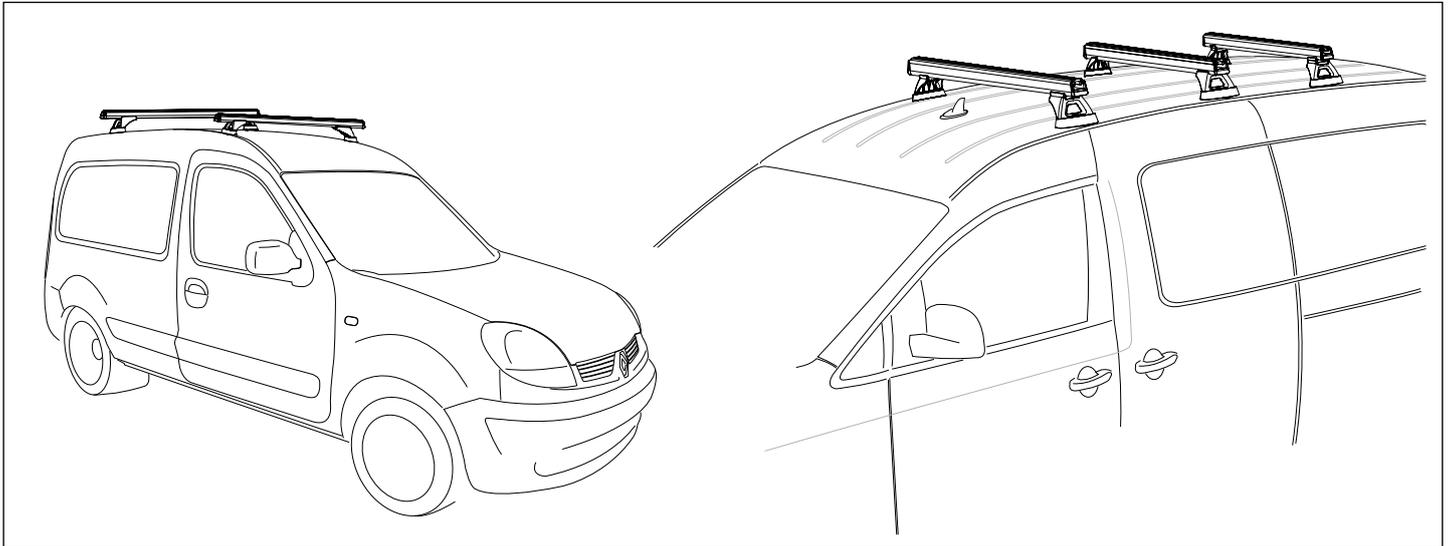


RHINO-RACK

RLCP08 / RLCP08H



Important Information

Max: 100kg/220lbs. Please refer to your vehicle owners manual for maximum roof loading. Always use lower of the two figures.

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 with tie down straps or non stretch ropes. Please ensure that all loads are evenly distributed and that the centre of gravity is kept as low as possible.

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

Load Ratings:

Maximum permissible load is **100kg/220lbs** for Two, Three or Four crossbars including the weight of the crossbars, Two 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. **66kg/145lbs** for off-road use. 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.

Rhino-Rack
3 Pike Street, Rydalmere,
NSW 2116, Australia.
(Ph) (02) 9638 4744
(Fax) (02) 9638 4822

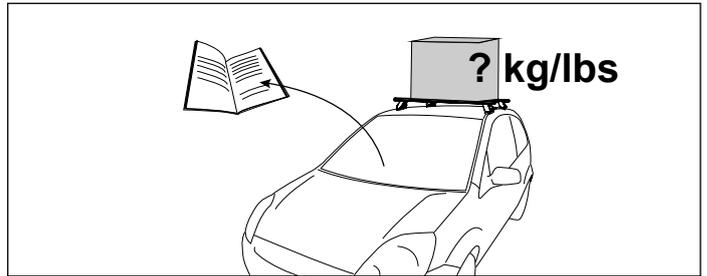
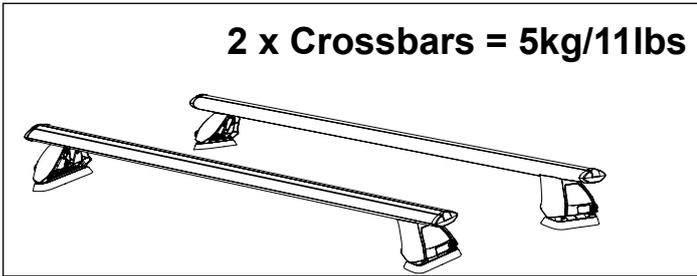
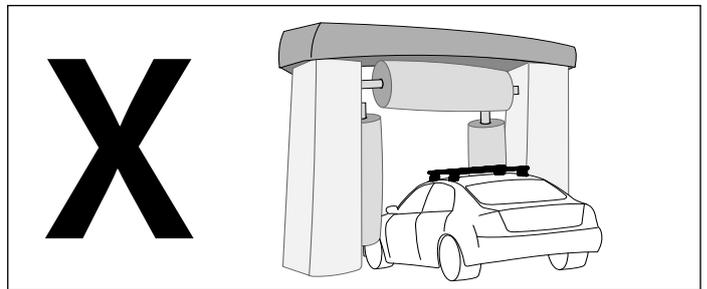
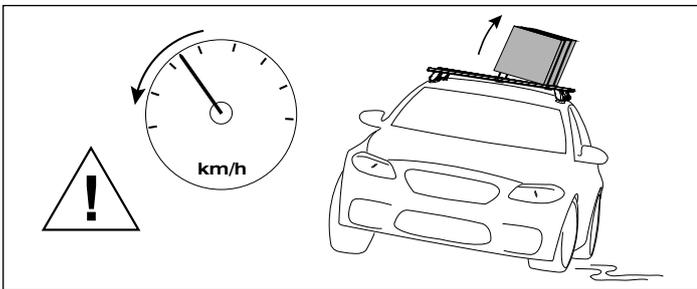
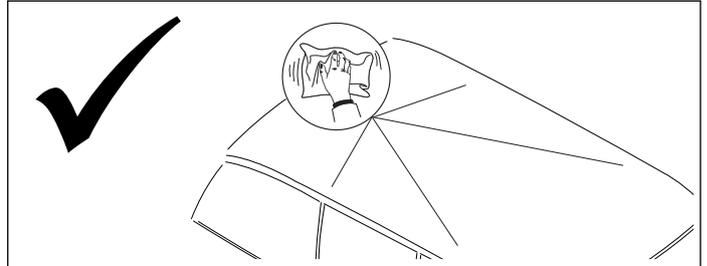
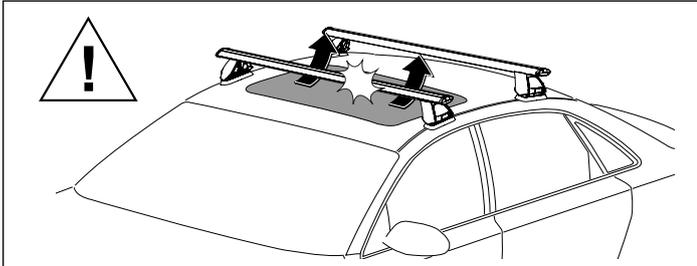
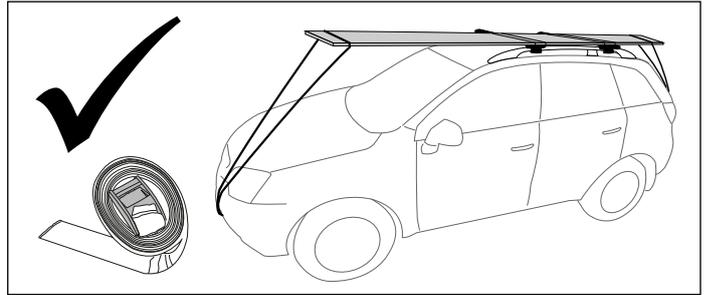
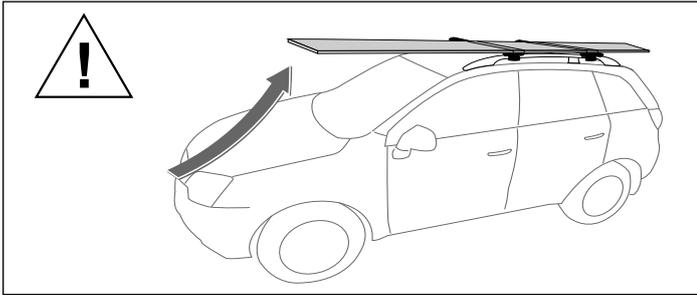
Document No: RR129
Prepared By: Craig Jones
Authorised By: Chris Murty

Issue No: 07
Issue Date: 31/03/2015

These instructions remain the property of Rhino-Rack Australia Pty. Ltd. and may not be used or changed for any other purpose than intended.



RLCP08 & RLCP08H



When these roof racks are to be used on a vehicle that is driven off sealed roads, the manufacturer maximum roof load rating (found in the vehicles User Manual) should be divided by 1.5. Subtract 5kg/11lbs from your maximum carrying capacity to account for the weight of the roof racks.

Max: 100kg/220lbs (Urban road)	=	Max: 66kg/145lbs (Off road)
-----------------------------------	---	--------------------------------

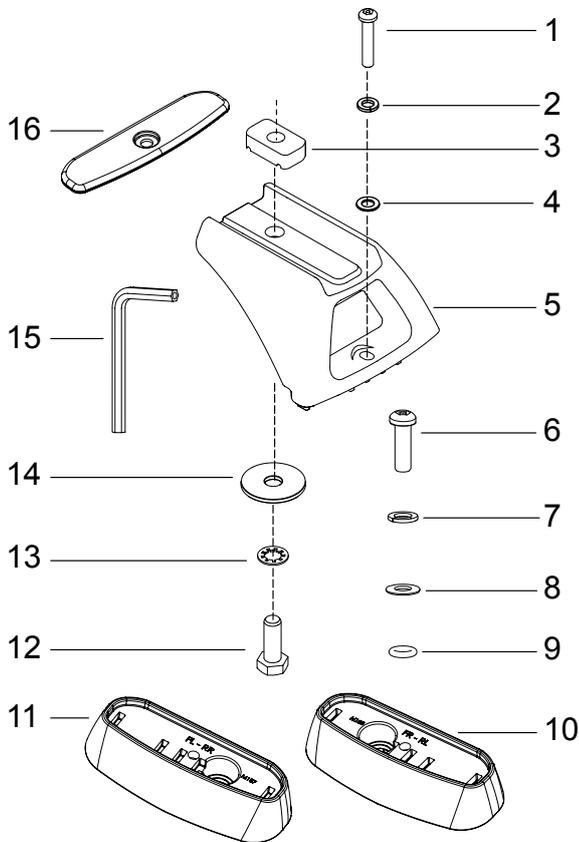
WARNING! Important Load Carrying Instructions

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.



RLCP08 & RLCP08H

Parts List

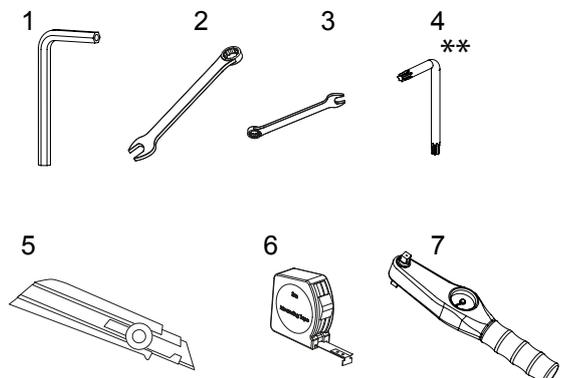


Crossbars sold individually	Part No.
1250mm Heavy Duty Crossbar SILVER	RB1250S
1250mm Heavy Duty Crossbar BLACK	RB1250B
1260mm Vortex Crossbar SILVER	VA126S
1260mm Vortex Crossbar BLACK	VA126B
1375mm Heavy Duty Crossbar SILVER	RB1375S
1375mm Heavy Duty Crossbar BLACK	RB1375B
1375mm Vortex Crossbar SILVER	VA137S
1375mm Vortex Crossbar BLACK	VA137B



Item	Component Name	Qty RLCP08	Qty RLCP08H	Part No.
1	M6 x 27mm Security Screw	4	2	B063
2	M6 Spring Washer	4	2	W004
3	M10 Channel Nut	4	2	N024
4	M6 Flat Washer	4	2	W003
5	Leg	4	2	M123
6	M8 x 25mm Button Head Screw	4	2	B140
7	M8 Spring Washer	4	2	W019
8	M8 Flat Washer	4	2	W030
9	O-ring	4	2	C299
10	Roof Pad FR/RL	2	1	M188
11	Roof Pad FL/RR	2	1	M187
12	M10 x 20mm Set Screw	4	2	B003
13	M10 Shake Proof Washer	4	2	W021
14	M10 Flat Washer	4	2	W022
15	5mm Security Allen Key	1	1	H021
16	Roof Pad Cover Plate	4	2	M126
17	Fitting Instruction	1	1	R129

Tools Required:



** Renault and Nissan only.

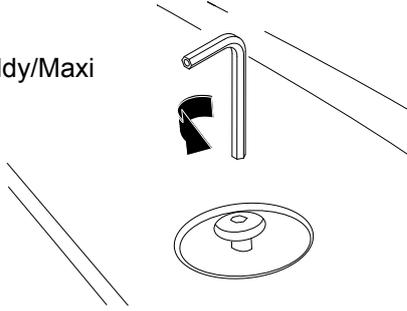
- 1- 5mm Security Allen Key (supplied in kit).
- 2- 5/8 or 16mm Spanner.
- 3- 10mm Spanner, VA crossbar only.
- 4- T40 Torx drive.
- 5- Utility Knife.
- 6- Tape Measure.
- 7- Torque Wrench.



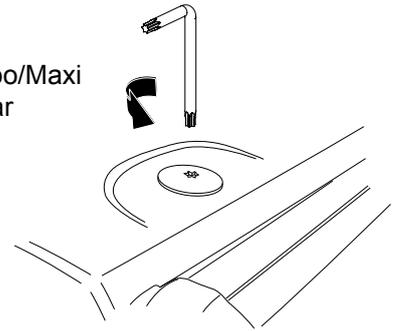
RLCP08 & RLCP08H

- 1** VW Caddy. Remove the roof plugs using the 5mm Security Allen key provided. For Renault & Nissan remove the roof plugs using a T40 Torx drive. Store the screws for replacement when racks are removed.

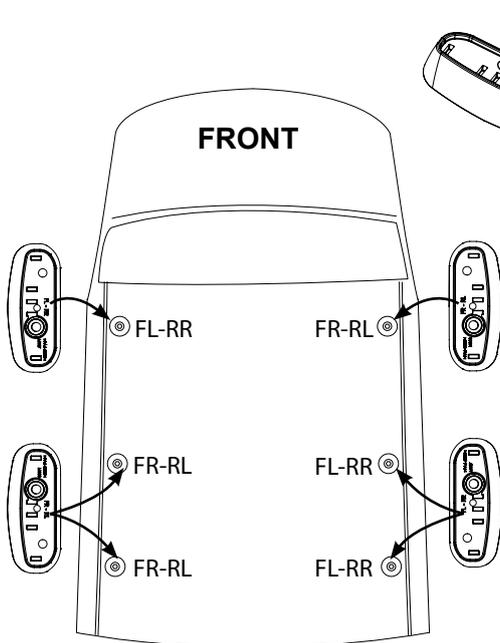
VW Caddy/Maxi



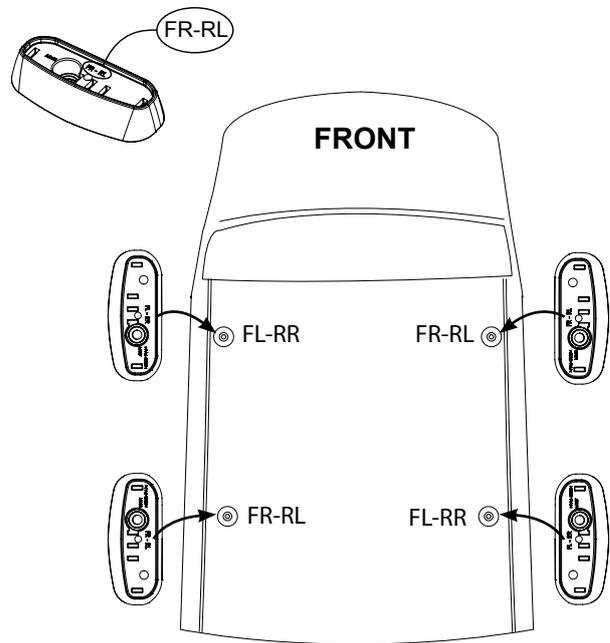
Renault Kangoo/Maxi
Nissan Kubistar



- 2a** The top surface of each pad has **FR-RL** and **FL-RR** marked on them. This denotes their position on the roof. Refer to the diagrams below on where to correctly position each pad.

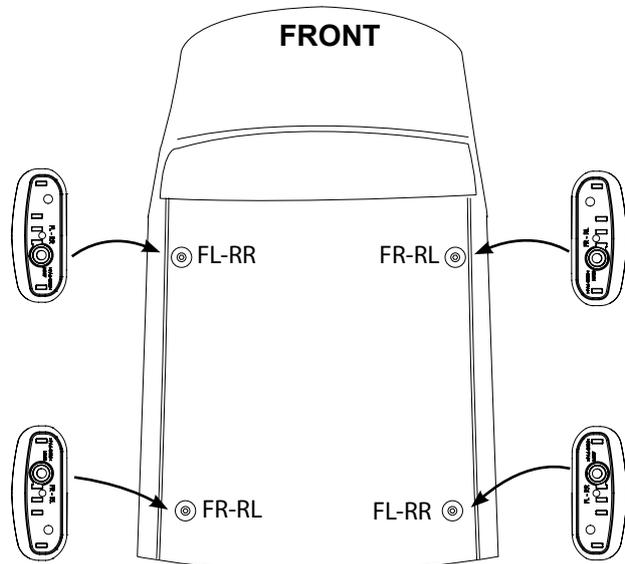


VW Caddy Maxi 08-10
VW Caddy MY11>



VW Caddy 05-10

- 2b** This diagram refers to roof pad position for **Renault Kangoo and Nissan Kubistar**.

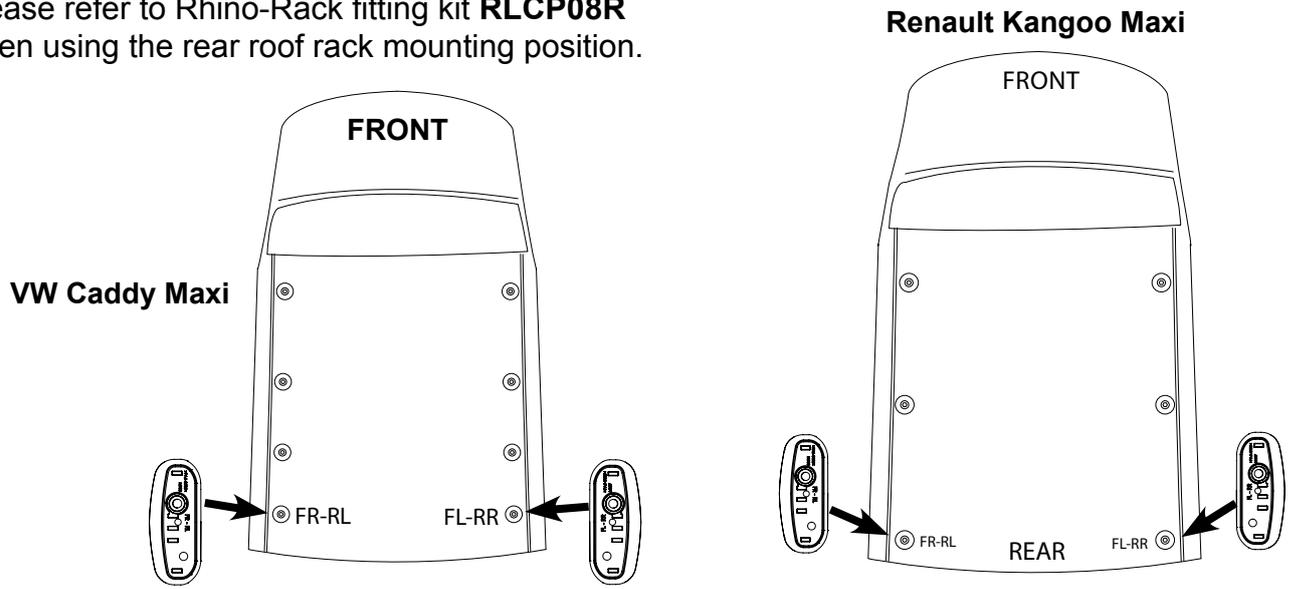




RLCP08 & RLCP08H

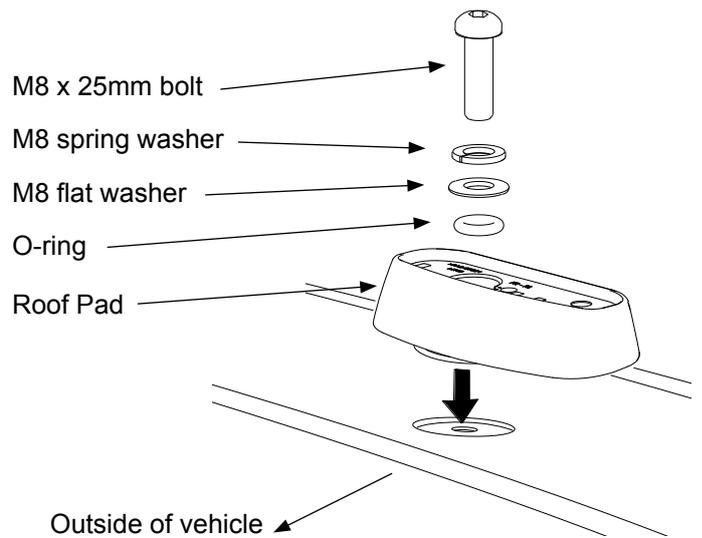
3 VW Caddy Maxi MY11> Renault Kangoo Maxi MY13>

Please refer to Rhino-Rack fitting kit **RLCP08R** when using the rear roof rack mounting position.



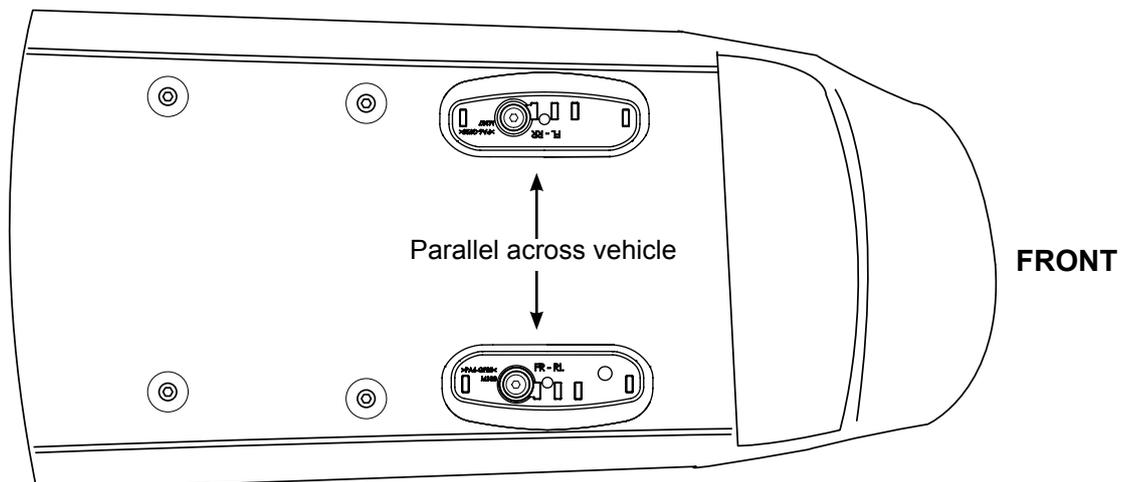
4

Insert the M8 bolt/washer assembly through the pad. Screw into the roof using the allen key provided. **DO NOT fully tighten at this stage.**



5

Before tightening make sure the opposing pads are parallel across the vehicle. Tighten M8 roof pad bolts to 4-5 Nm / 3-4 lb/ft.





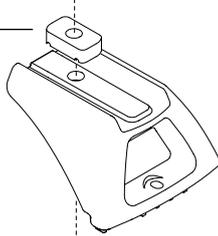
RLCP08 & RLCP08H

Heavy Duty Crossbar installation

6 2 Heavy Duty crossbars.

When using two crossbars they can be positioned on any of the roof rack mounting points. All of the required hardware is supplied within this kit to fit Heavy Duty crossbars.

M10 Channel Nut



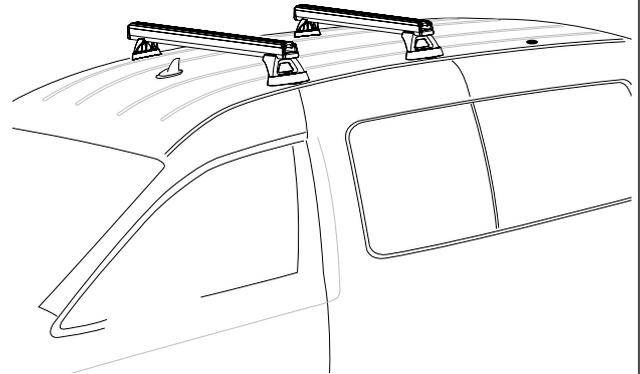
M10 Flat Washer



M10 Shakeproof Washer



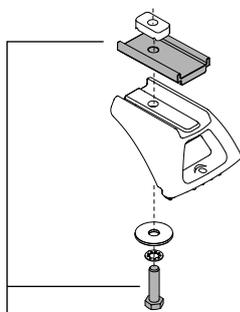
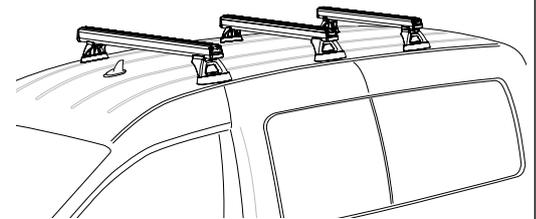
M10 x 20mm Set Screw



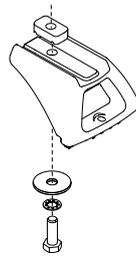
7 Volkswagen Caddy/Maxi* 3 Heavy Duty crossbars.

Leg height spacers are used to maintain a level height across three crossbars.

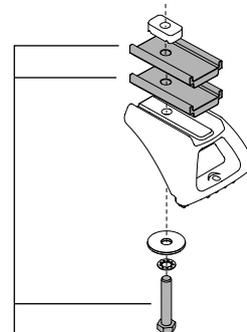
***NOTE: VW Caddy Maxi MY11> & Renault Kangoo Maxi MY13>.**
When using the rear roof rack mounting point please refer to fitting kit **RLCP08R**.



Front
LHSPAIR



Middle



Rear
LHS2PAIR

8 Place a leg onto each roof pad. Assemble the M6 screws and washers as shown then fasten to the roof pad. **DO NOT** fully tighten at this stage.

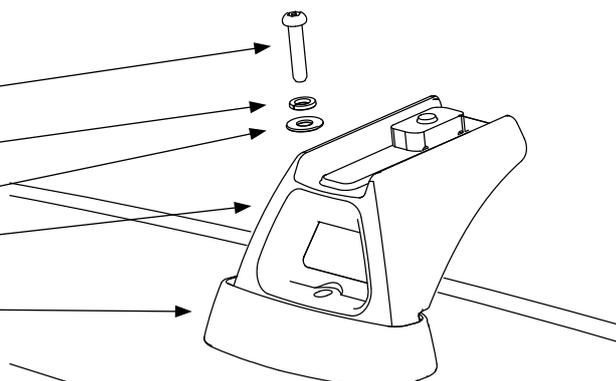
M6 x 27mm bolt

M6 spring washer

M6 flat washer

Leg

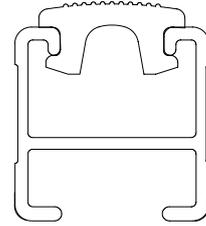
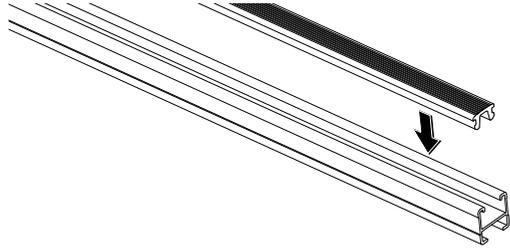
Roof Pad



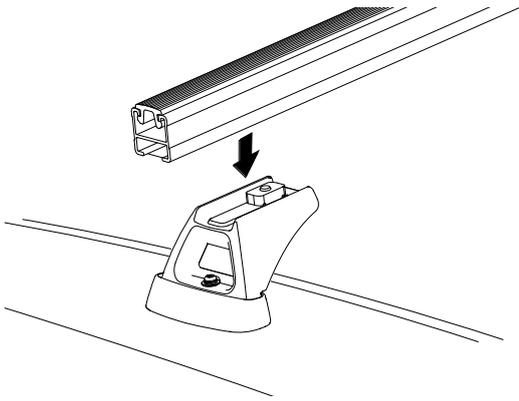


RLCP08 & RLCP08H

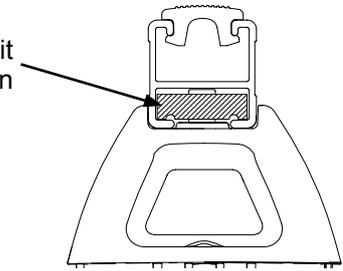
- 9** Insert rubber buffer into top of crossbar.



- 10** Place crossbars onto legs. Make sure the channel nut sits across the bar as shown below.

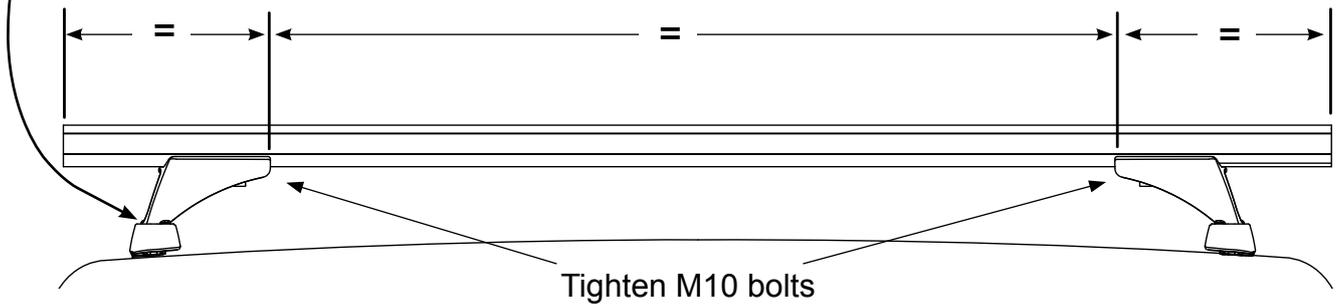


Channel nut must sit across the bar when tight.

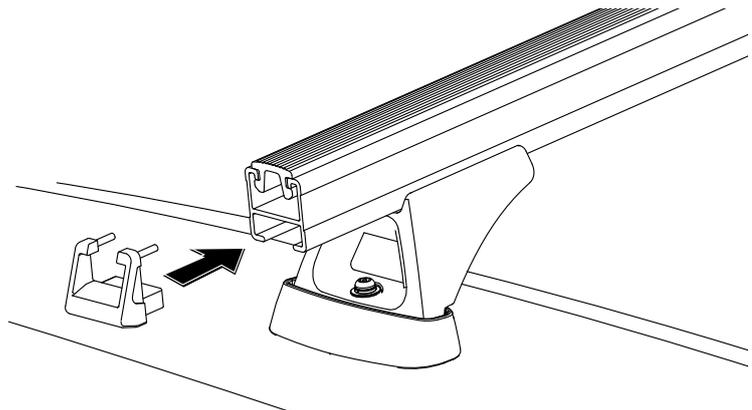


- 11** Measure for equal crossbar overhang. Tighten M6 x 27mm leg screws to 3-4 Nm/ 2-3 lb/ft. Tighten M10 x 20mm crossbar bolts to **11-12 Nm/ 8-9 lb/ft.**

Tighten M6 screws



- 12** Knock end caps into the crossbars.





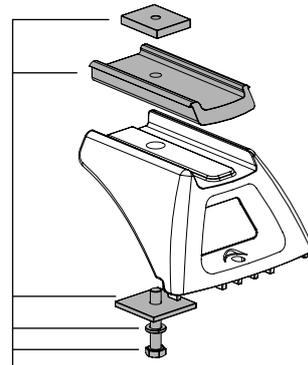
RLCP08 & RLCP08H

Vortex Crossbar installation

13 2 Vortex crossbars.

When using two crossbars they can be positioned on any of the roof rack mounting points.

When fitting two Vortex crossbars you will need 2 x VA-FK2 fitting kits which are sold separately.



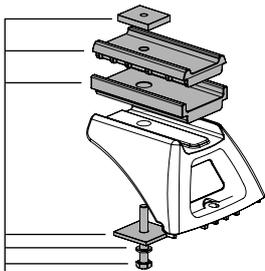
VA-FK2 components for Vortex crossbars

14 Volkswagen Caddy/Maxi* 3 Vortex crossbars.

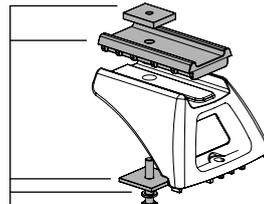
Leg height spacers are used to maintain a level height across three crossbars.

***NOTE: VW Caddy Maxi MY11> & Renault Kangoo Maxi MY13>.**

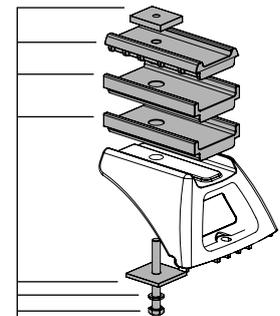
When using the rear roof rack mounting point please refer to fitting kit **RLCP08R**.



Front
VA-FK1 + LHSA1PAIR



Middle
VA-FK1



Rear
VA-FK1 + LHSA2PAIR

15 Place a leg onto each roof pad. Assemble the M6 screws and washers as shown then fasten to the roof pad. **DO NOT** fully tighten at this stage.

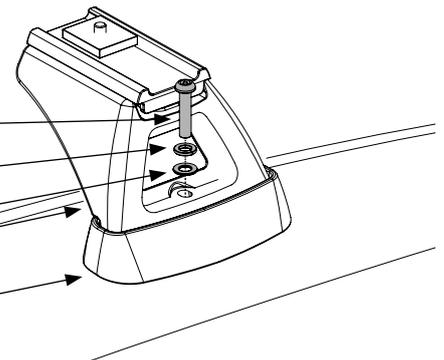
M6 x 27mm bolt

M6 spring washer

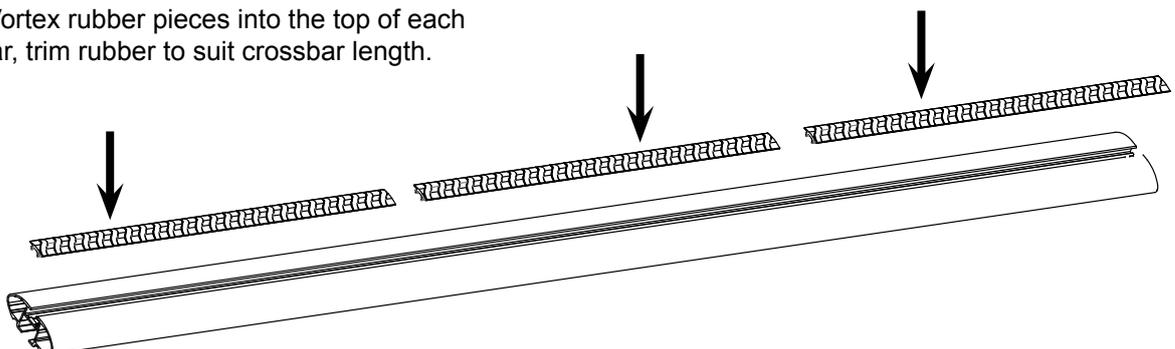
M6 flat washer

Leg

Roof Pad



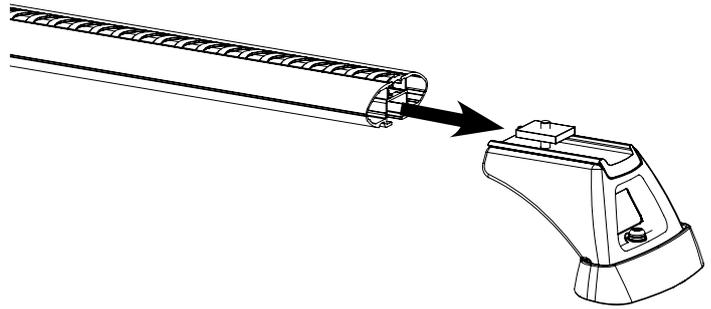
16 Insert Vortex rubber pieces into the top of each crossbar, trim rubber to suit crossbar length.



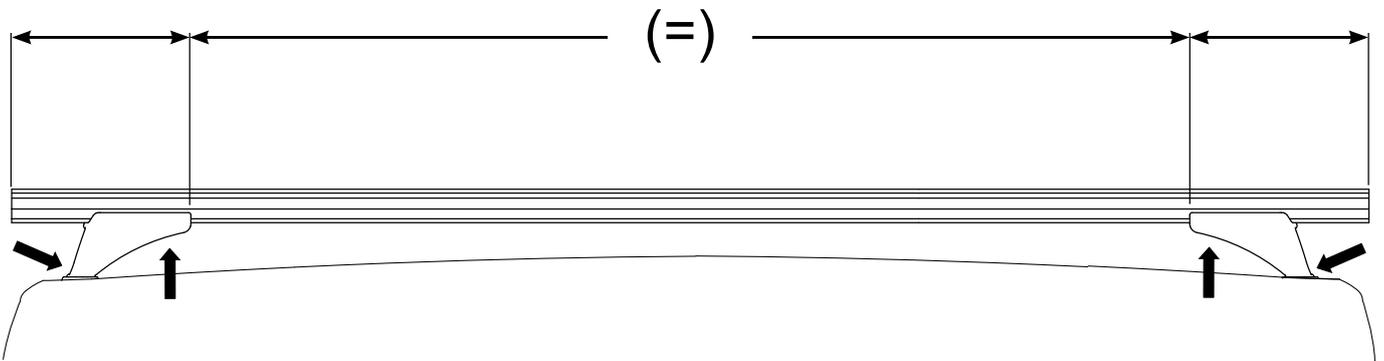


RLCP08 & RLCP08H

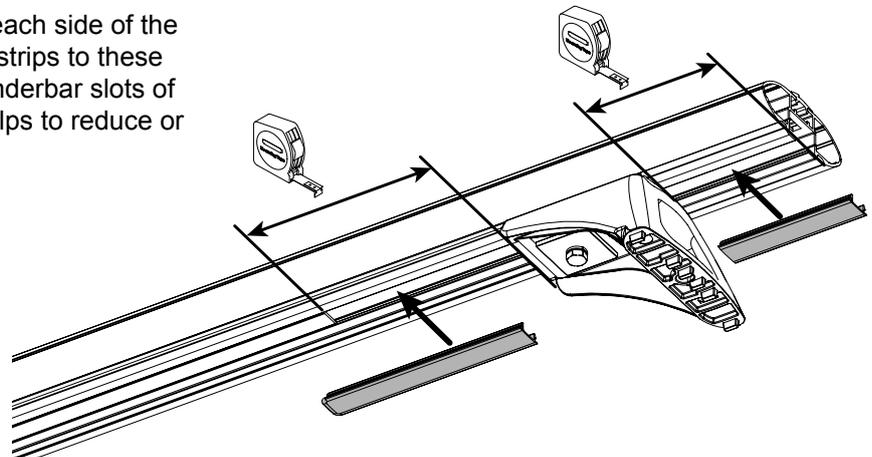
- 17** Insert legs into the Vortex crossbars, leave the M6 crossbar screws loose at this stage.



- 18** Measure each side to achieve equal crossbar overhang. Tighten the M6 crossbar screws to **4-5 Nm/ 3-4 lb/ft.** Tighten the M6 leg screws to **3-4 Nm/ 2-3 lb/ft.**



- 19** Measure the underbar slot length each side of the leg then cut the bar measurement strips to these lengths. Clip each piece into the underbar slots of the crossbar. Filling these slots helps to reduce or eliminate wind noise.



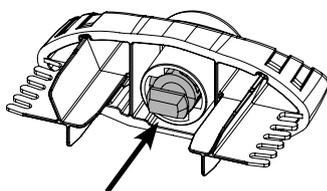
20 **SECURE CORE LOCKING END CAP**

Using the Secure Core Key unlock the end cap prior to inserting it into each end of the crossbars. Turn the key 90° clockwise to lock the end cap in place.

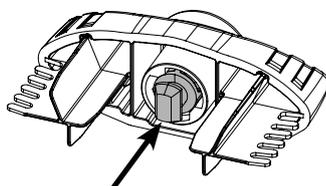
Part No's

VA-SEC2, Two end caps.

VA-SEC4, Four end caps.



UNLOCKED



LOCKED

