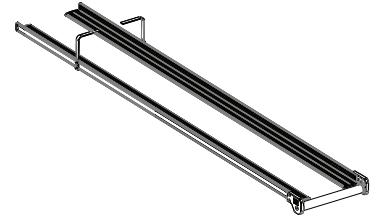




LADDER RACK FITMENT



MAX LADDER LOAD: 40KG.

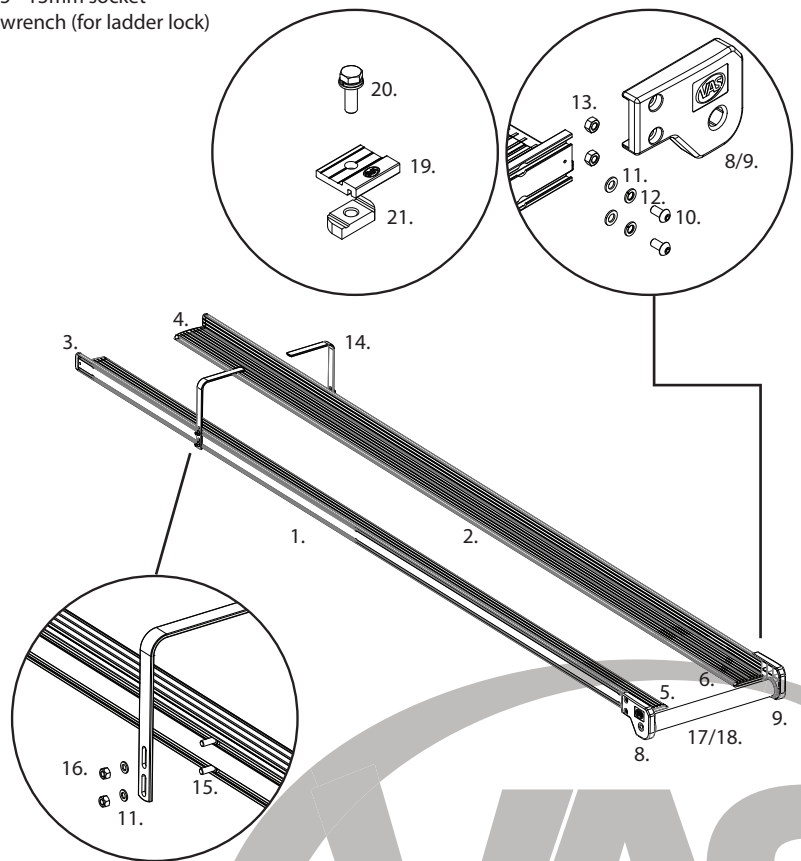
Important information:

- Narrow and heavy loads are to be carried near the crossbar mounts.
 - 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.
 - Specialised equipment carriers for specific products should always be used. I.e Ladder rack.
- 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.
 - Store spare ladder lock key in a safe place.
 - Always store lock in housing to avoid damage to vehicle.
 - **The key must be inserted in the lock and turned clockwise to both open and close the ladder lock.**

Parts list:

Item	Part	2.6m Step	3m Kit
1a	Left Rail Assembly - VA-001	0	1
2a	Right Rail Assembly - VA-002	0	1
1b	Left Rail Assembly 2.6m - VA-006	1	0
2b	Right Rail Assembly 2.6m - VA-007	1	0
3	Front End Cap LH - C108	1	1
4	Front End Cap RH - C109	1	1
5	Rear End Cap LH - C110	1	1
6	Rear End Cap RH - C111	1	1
7	End Cap Screw3x8 - F037	8	8
8	Rear Roller End Cap L - C112	1	1
9	Rear Roller End Cap R - C113	1	1
10	M8x16 Button Screw - F016	4	4
11	M8 Flat Washer - F017	8	8
12	M8 Spring Washer - F018	4	4
13	M8 Hex Nut - F045	4	4
14	Ladder Hoop - C180	2	2
15	M8x20 Hex Screw - F046	4	4
16	M8 Nyloc Nut - F042	4	4
17	Roller 470mm - VA-003	0	1
18	Roller 680mm - VA-005	1	0
19	Locking Tabs - C097	12	12
20	M8x25 Hex Combination Bolts - VA-004	12	12
21	M8 Channel Nut	12	12

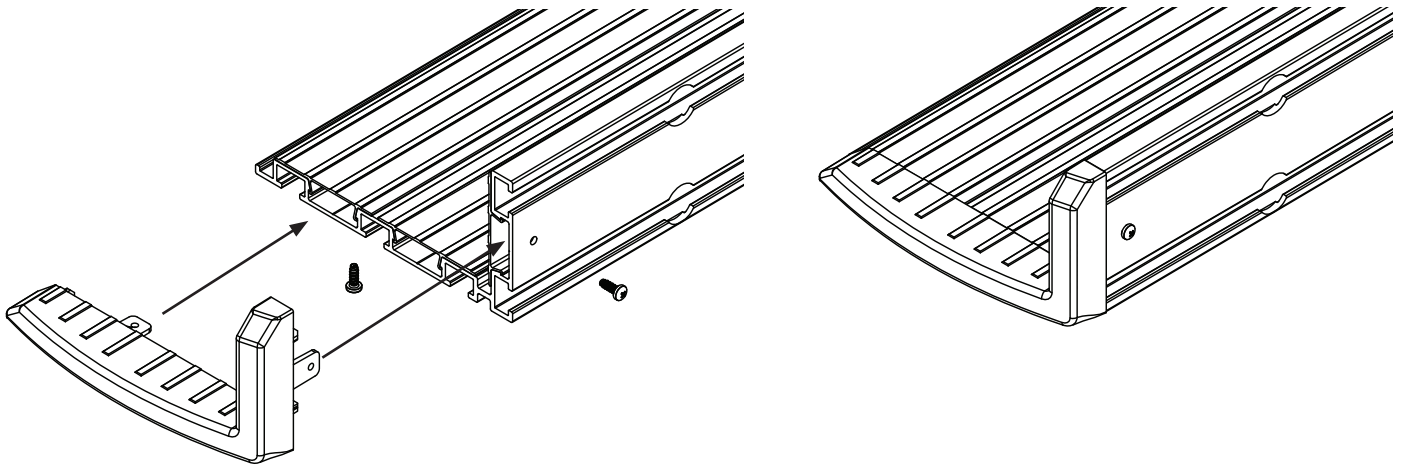
- 1 - Small phillips head screwdriver.
- 2 - 5mm allen key
- 3 - 13mm spanner
- 4 - Tape Measure
- 5 - 13mm socket wrench (for ladder lock)



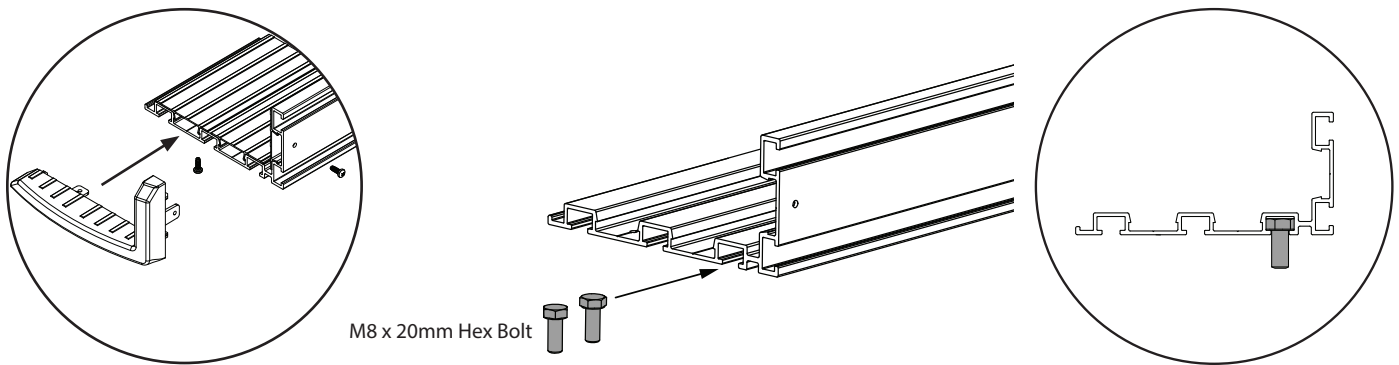
VAN RACKING MOUNT FITMENT

Step 1

Insert the rail end caps and fix with 3x8 fixing screws, item No.7. A small phillips head screw driver will be required.

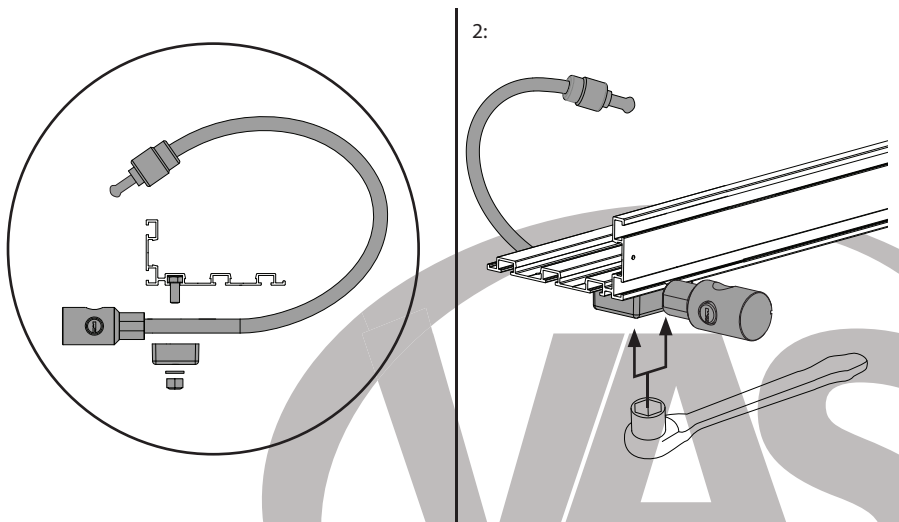
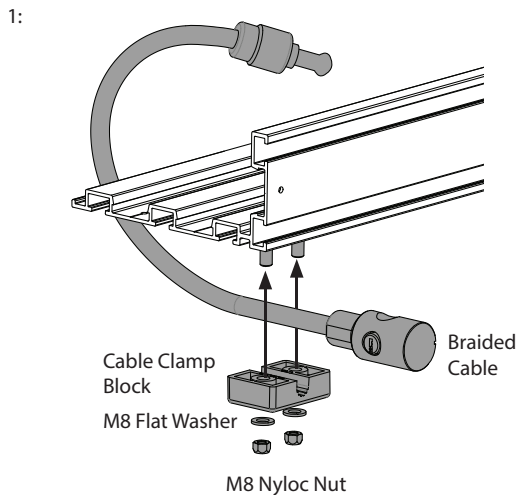


NOTE: For installation of the ladder lock kit, before fitting front end caps, slide the 2 M8 hex bolts into the rail (found in ladder lock kit).



Optional: If you have purchased ladder locks, please proceed with fitting at step 1, otherwise begin at step 2.

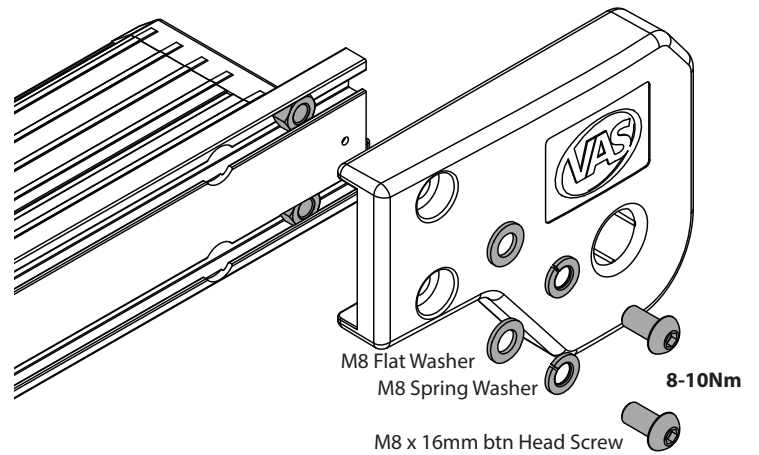
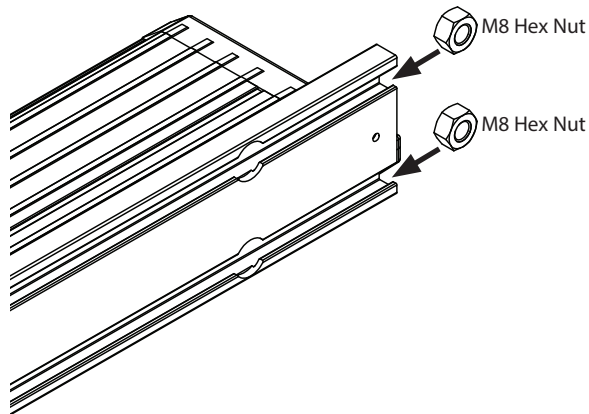
1 - Assemble the cable and cable clamp onto the installed hex bolts. 2 - Tighten the hardware in place with a 13mm socket wrench in the appropriate area.



VAN RACKING MOUNT FITMENT

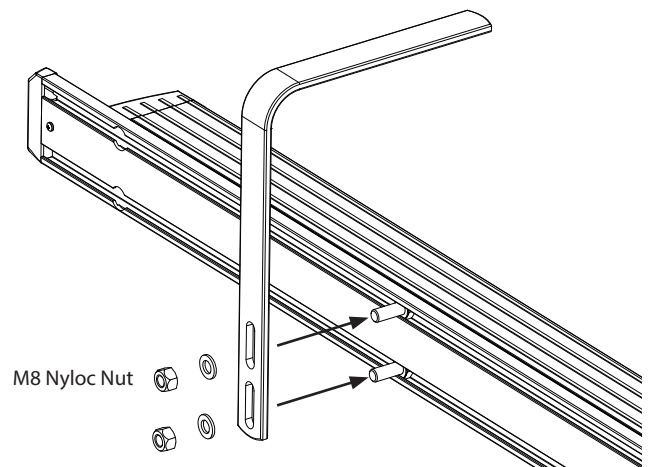
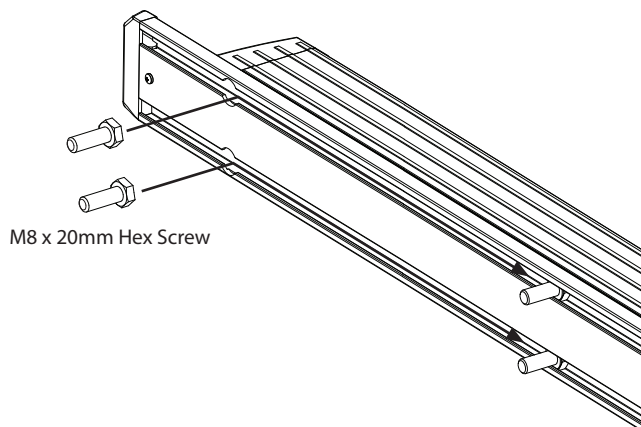
Step 2

- 1 - Slide 2 hex nuts in the rear of each rail assembly as shown.
- 2 - Fix the roller end caps onto place using the M8 hardware listed below. Tighten the hardware with a 5mm allen key.



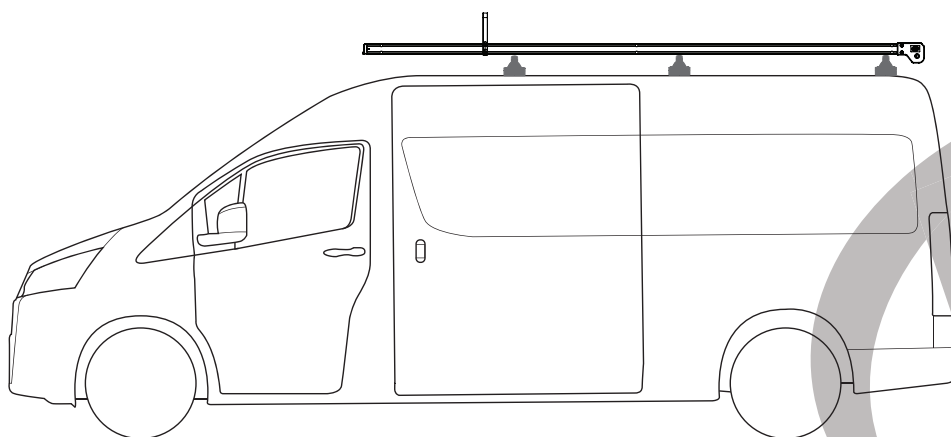
Step 3

- 1 - Slide 2x M8 x 20mm hex bolts into the side of each rail assembly.
- 2 - Place a ladder loop over the installed bolts, fixing them in place with M8 flat washers and nyloc nuts. Do not completely tighten at this stage to allow for adjustments.

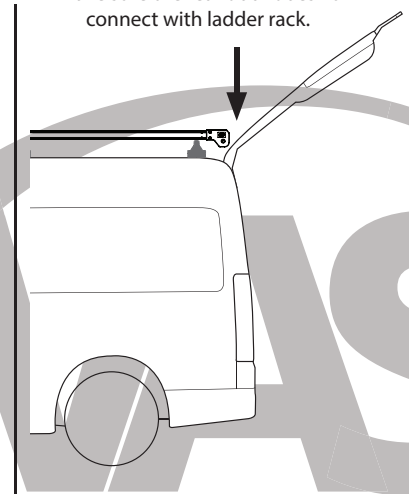


Step 4

- Place the two rails onto the roof of the vehicle. Be sure that the rear door when opened, does not contact the ladder rack.



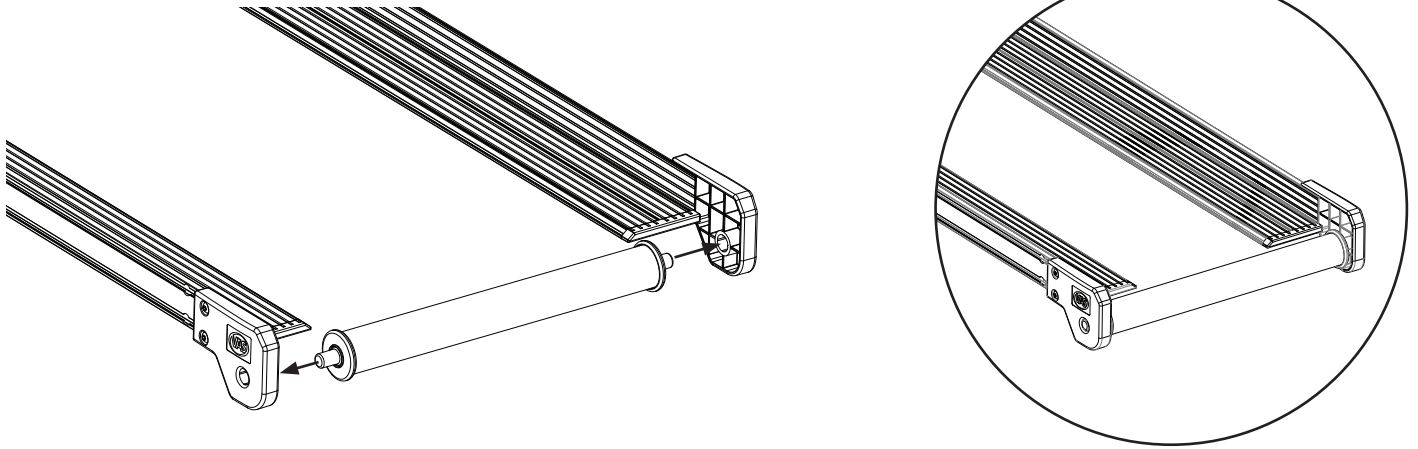
Make sure the rear door doesn't connect with ladder rack.



VAN RACKING MOUNT FITMENT

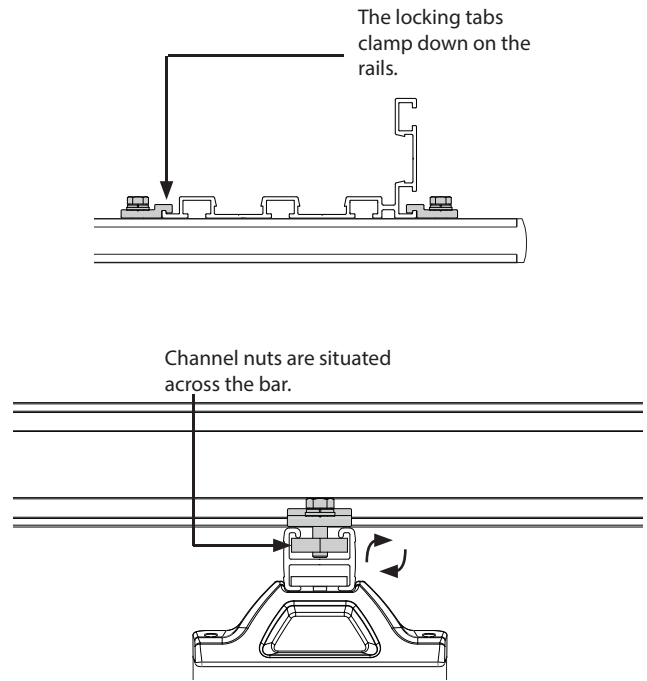
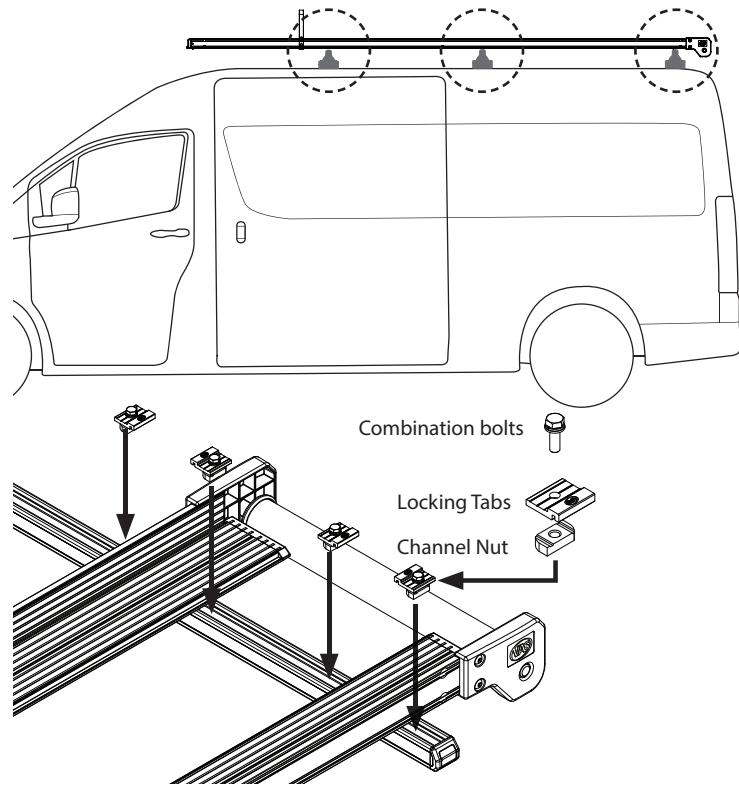
Step 5

With the ladder rack rails in the approximate position, insert the roller between the rear mouldings as shown.

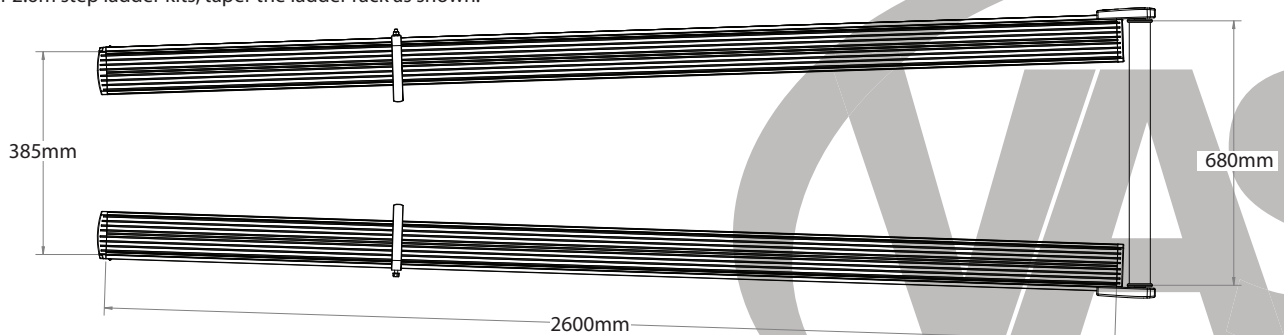


Step 6

- 1 - Assemble the locking tabs.
- 2 - Place 4x locking tabs (2x each rail) onto the ladder rack. Lock in place with a 13mm spanner.



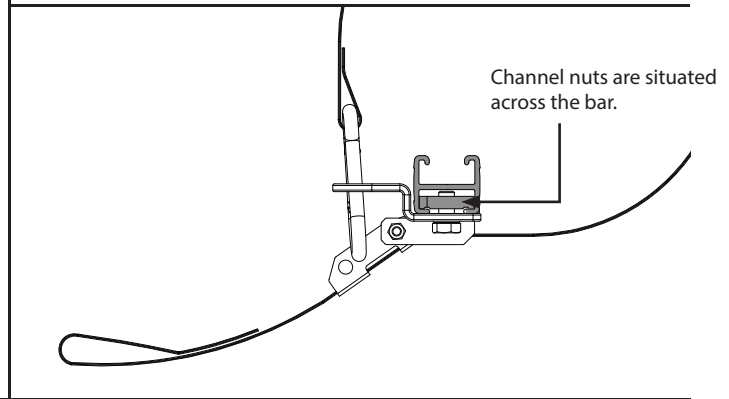
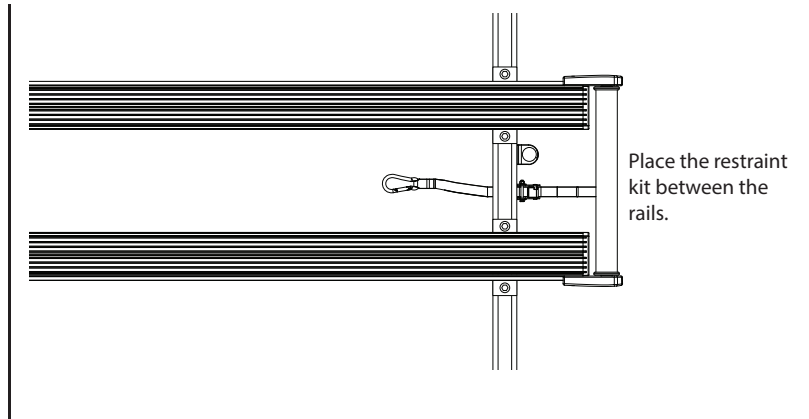
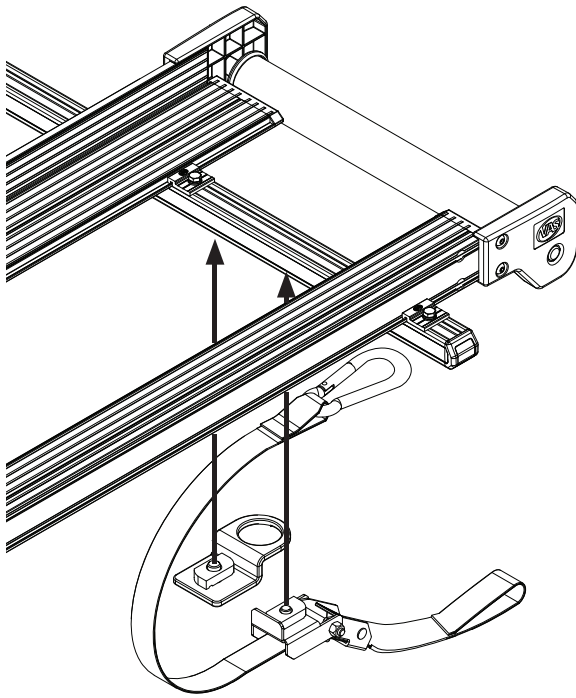
NOTE: For 2.6m step ladder kits, taper the ladder rack as shown.



VAN RACKING MOUNT FITMENT

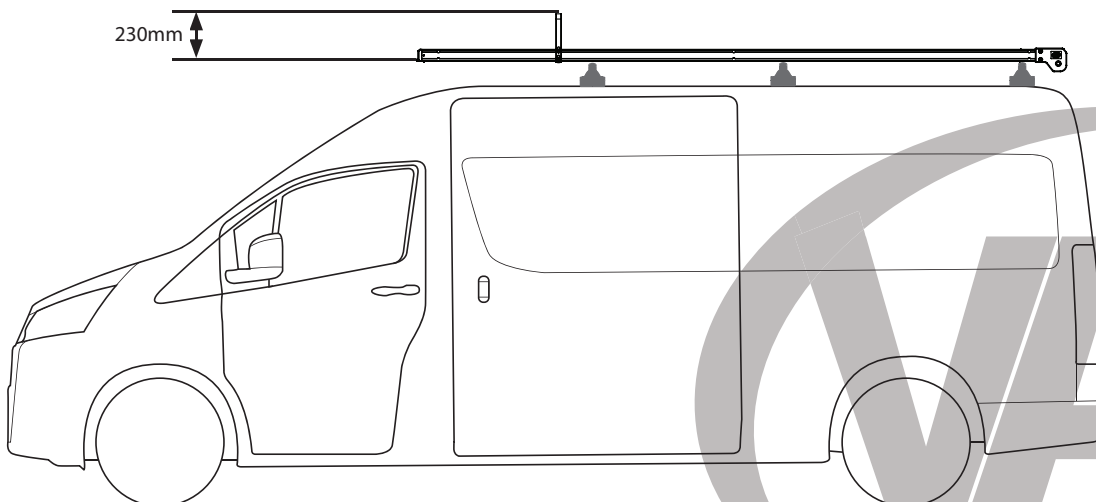
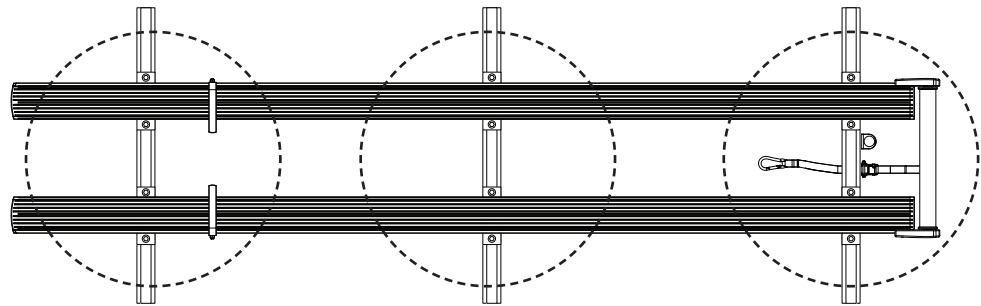
Step 7

Install both sections of the retention strap into the rear crossbar. These sections should be fixed between the two halves of the ladder rack. Tighten with a 13mm wrench.



Step 8

Make sure all hardware is tightened in place. Finalise the ladder hoop position and fix.

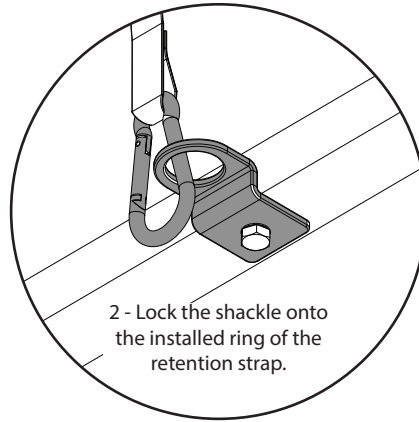
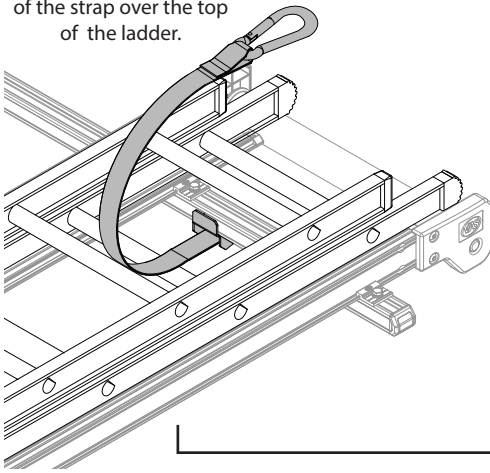


VAN RACKING MOUNT FITMENT

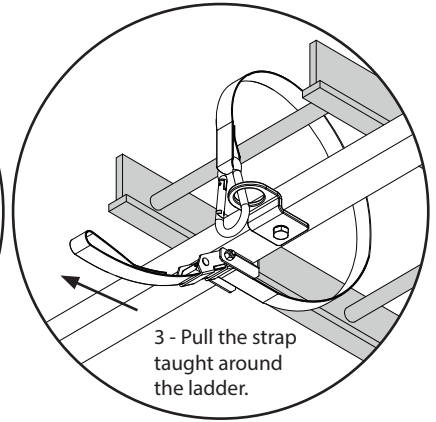
Usage

Once your ladder has been placed onto the rack, lock the unit in place with the installed retention strap.

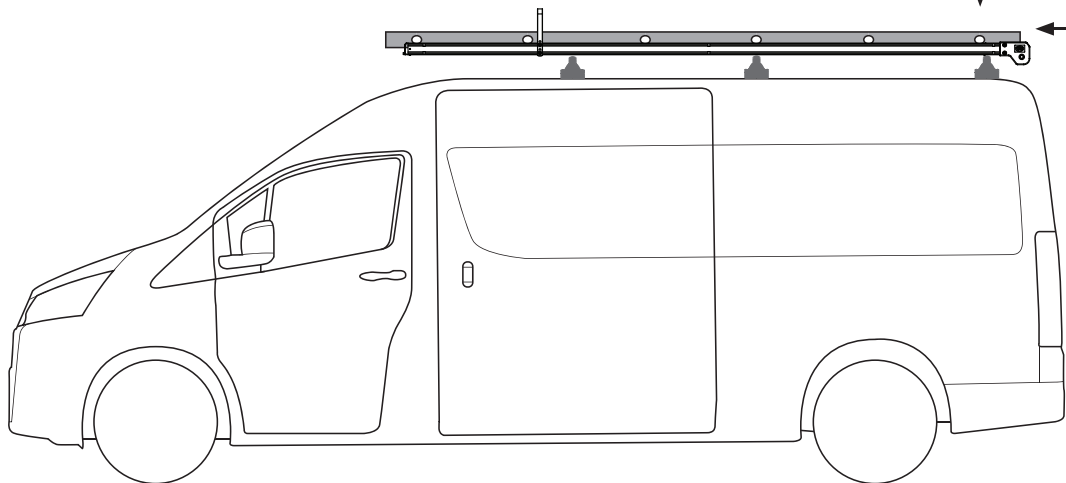
1 - Loop the shackled end of the strap over the top of the ladder.



2 - Lock the shackle onto the installed ring of the retention strap.



3 - Pull the strap taut around the ladder.



4 - Shake ladder to check there is no movement. If there is, re-tension strap.

