

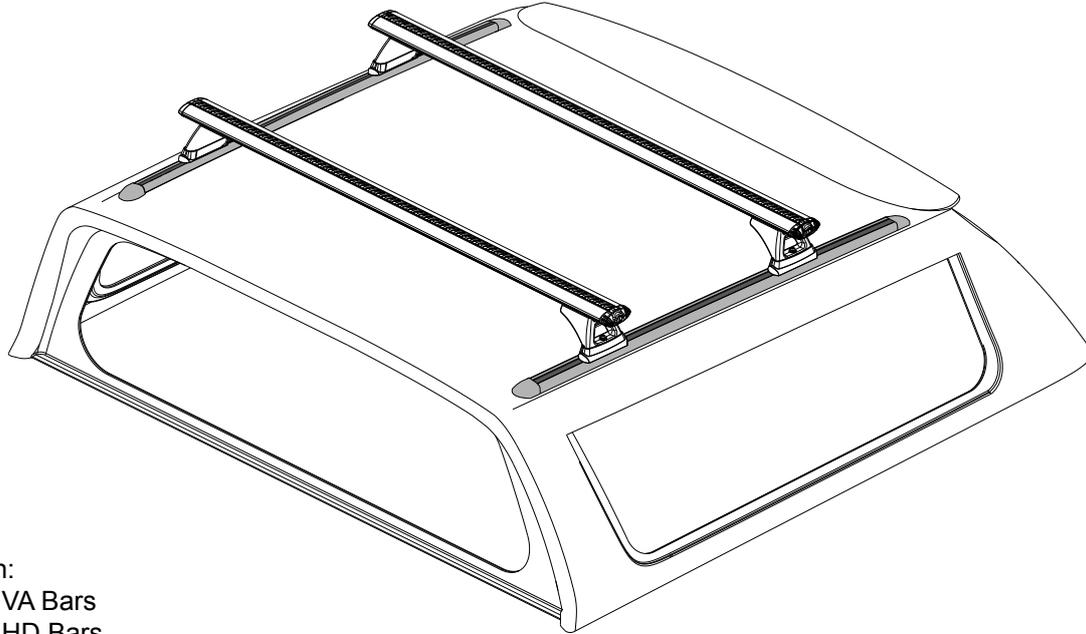


RHINO-RACK

Flexiglass - FlexiXover Canopy RTCFG02 RTCFG03

Important: Please read these instructions carefully prior to installation. Please refer to your fitting instruction to ensure that the Canopy Rack System is installed in the correct location. Check the contents of kit before commencing fitment and report any discrepancies. Place these instructions in the vehicle's glove box after installation is complete.

Layout



For Use with:
Rhino 1260 VA Bars
Rhino 1250 HD Bars.

Maximum load carrying capacity: 100kg / 220lbs

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) including the weight of the rack system 5kg (11lbs).

Please refer to your vehicle manufacturers handbook for maximum carrying capacity. Always use the lower of the two figures. Load must be evenly distributed over the entire basket.

Warning: Do not attempt to fit the canopy rack system to your vehicle unless you fully understand these fitting instructions. Please direct any questions regarding fitting to the dealer from where the roof racks were 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 week 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 also ensure that all loads are evenly distributed and that the centre of gravity is kept as low as possible and must be entirely contained within the extents of the roof racks.

Canopy Rack System 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.

Off-road use:

The Canopy Rack System may be used in off road applications, however a safety factor of 2 is enforced. That is, maximum permissible off road load is **50kg 110lbs**). Although the crossbars are tested and approved to AS1235-2000, off-road conditions can be much more rigorous. 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 these fitting 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

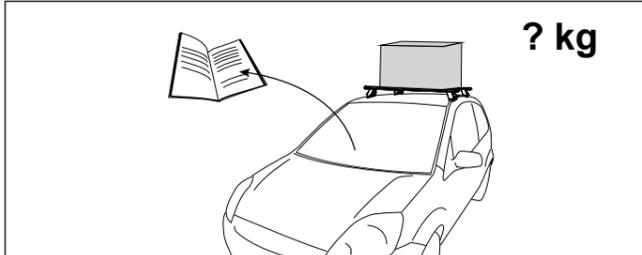
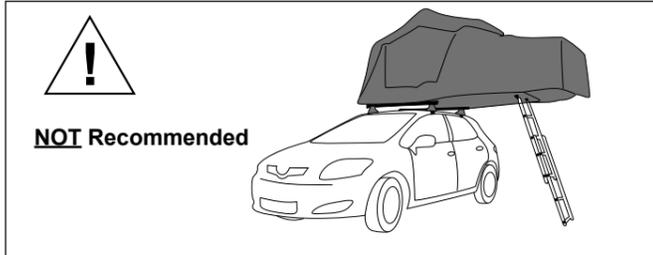
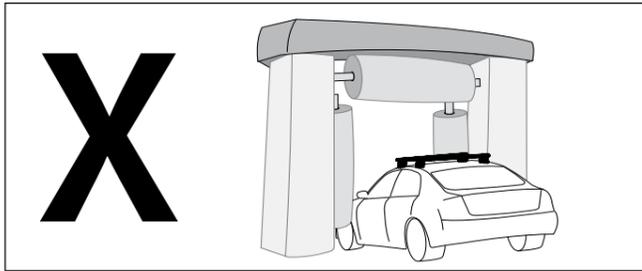
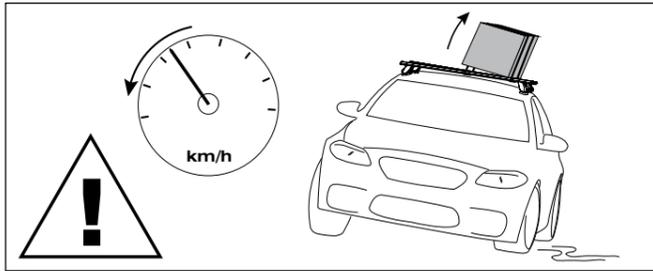
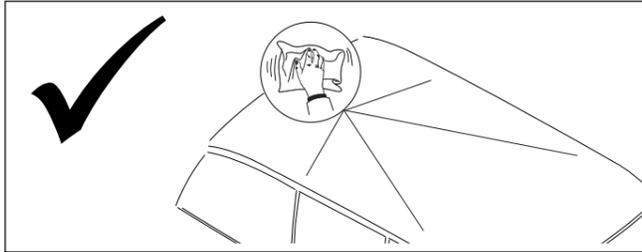
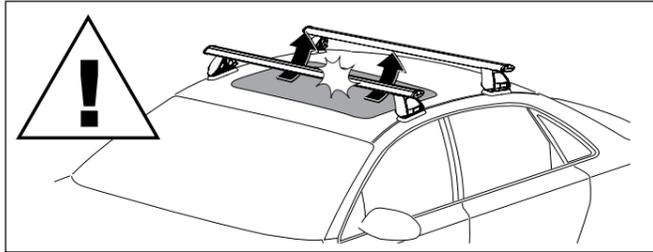
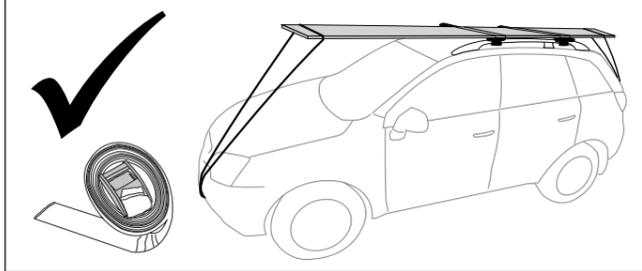
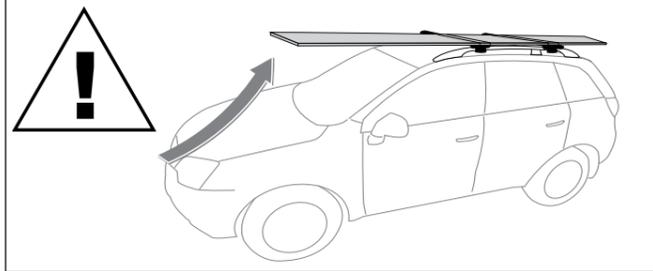
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Prepared By: Kayle Everett
Authorised By: Chris Murty

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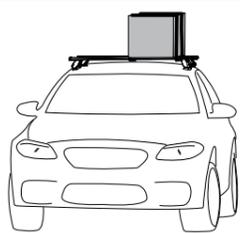
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When these roof racks are to be used on a vehicle that is driven off sealed roads, the maximum roof rack load rating should be **divided by 2.0**. Do not forget to subtract 5kg from your maximum carrying capacity due to the weight of the crossbars and legs.

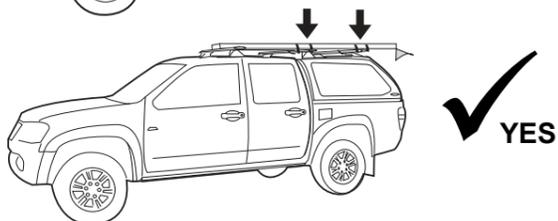
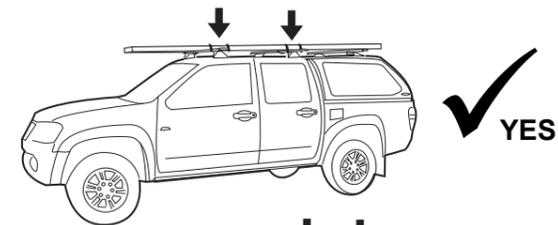
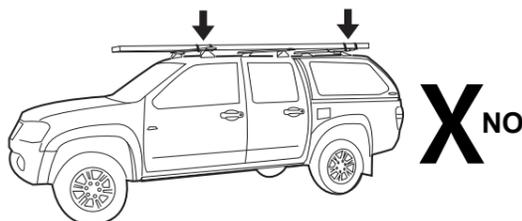


100kg load rating = **50kg load rating**
(Urban road) = (Off road - 100kg / 2)



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.



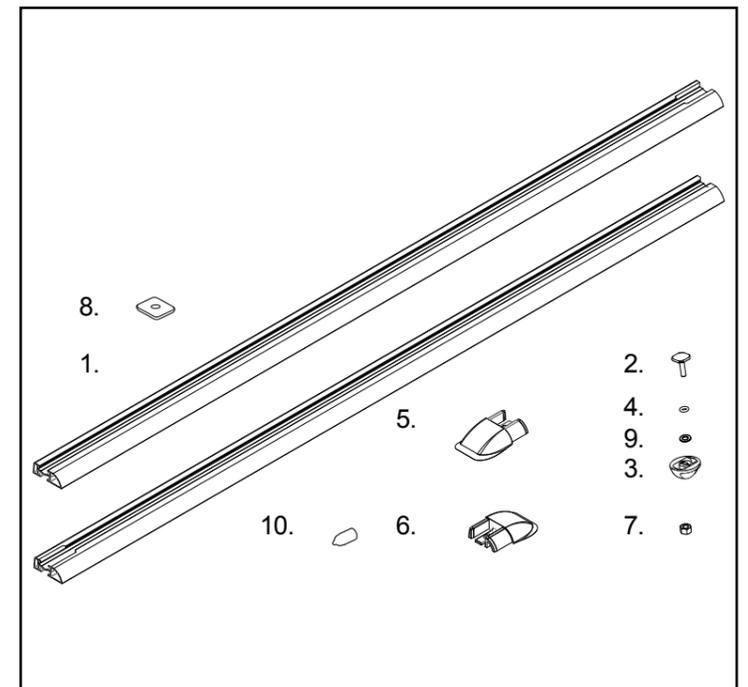
Flexiglass - FlexiXover Canopy RTCFG02 RTCFG03

Parts List

Item.	Description.	Qty.		Part.
		R	L	
1	RTC Track	1	1	RTC11 or RTC10
2	12 x M6x35 T-Bolts	12		B129
3	Track Knobs	12		M175
4	O Ring	8		C347
5	Track End Cap FR RL	2		M525
6	Track End Cap FL RR	2		M526
7	M6 Nyloc Nut	12		N013
8	Butyl Patches	12		CA1266
9	S/S Flat Washer	12		W054
10	Rubber End Cap	12		C310
11	Instructions	1		R442

Tools Required

- 1. Drill
- 2. Masking Tape
- 3. Marker
- 4. 3mm Drill Bit
- 5. 6.5mm Drill Bit



Kit.	Vehicle Fitments	Part.	Note
1	Triton - Hilux	RTCFG02	RTC Track lengths will differ depending on kit purchased. Be sure to select the appropriate kit.
2	Amarok, DMAX, D40, Colorado, Ranger, BT50	RTCFG03	

1 Place masking tape onto the canopy to adequately cover the approximate area to be drilled protecting the polished canopy finish from being scratched during installation. The Tape should follow the ridge line that runs along both the left and right sides of the canopy.

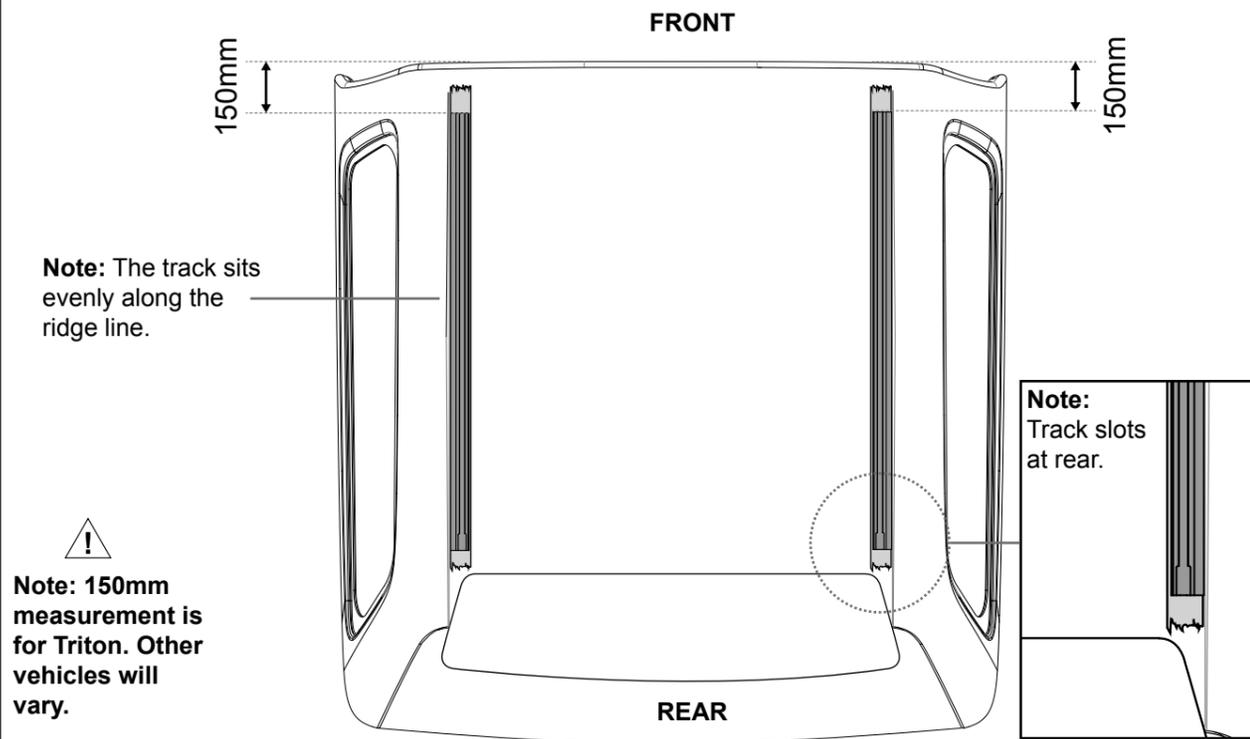
Run the tape along this ridge on the high side.

Front View Top Right



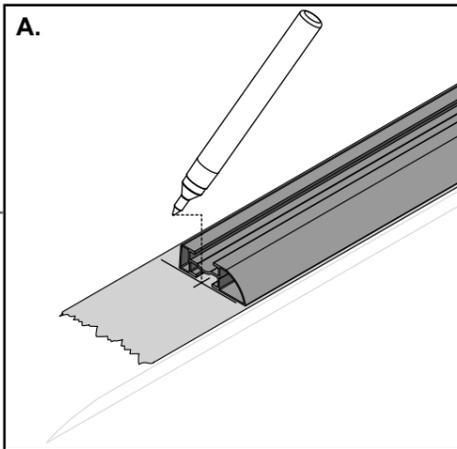
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- 2** Position the track on the canopy roof so that it fits evenly along the high side of the roof ridges, illustrated below. The aluminium track should be spaced 150mm from the front of the canopy.

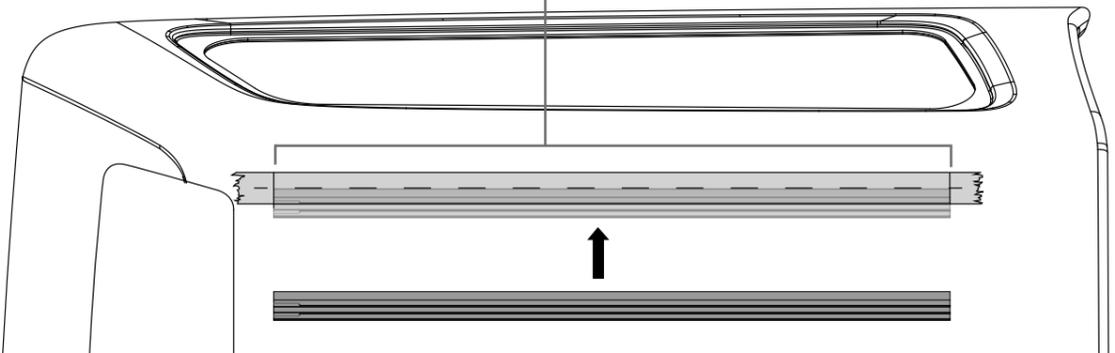


RTCFG02 Pictured

- 3** **A:** With the track in place, mark the centre point of the C-Channel at the **FRONT** and **REAR**. **B:** With these two points marked, use the tracks as a straight edge and join these points with a marker. Remove the track.

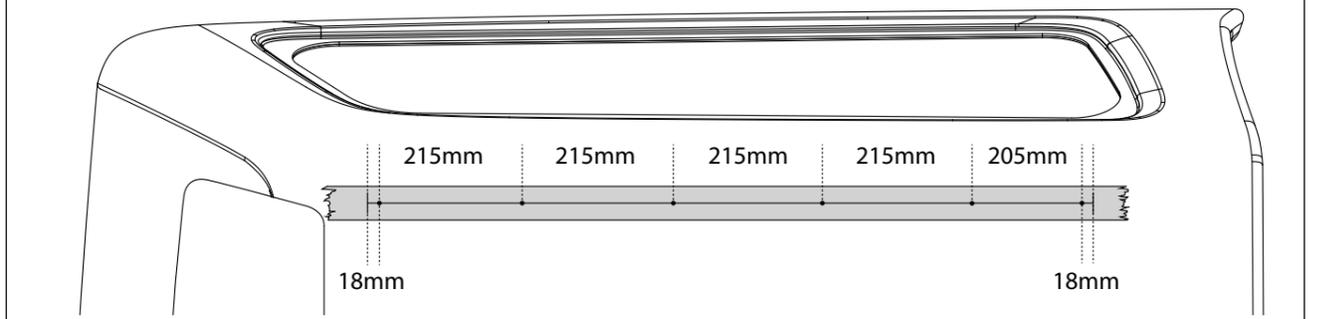


B. Use the Track as straight edge and join both centre points marked in step A.

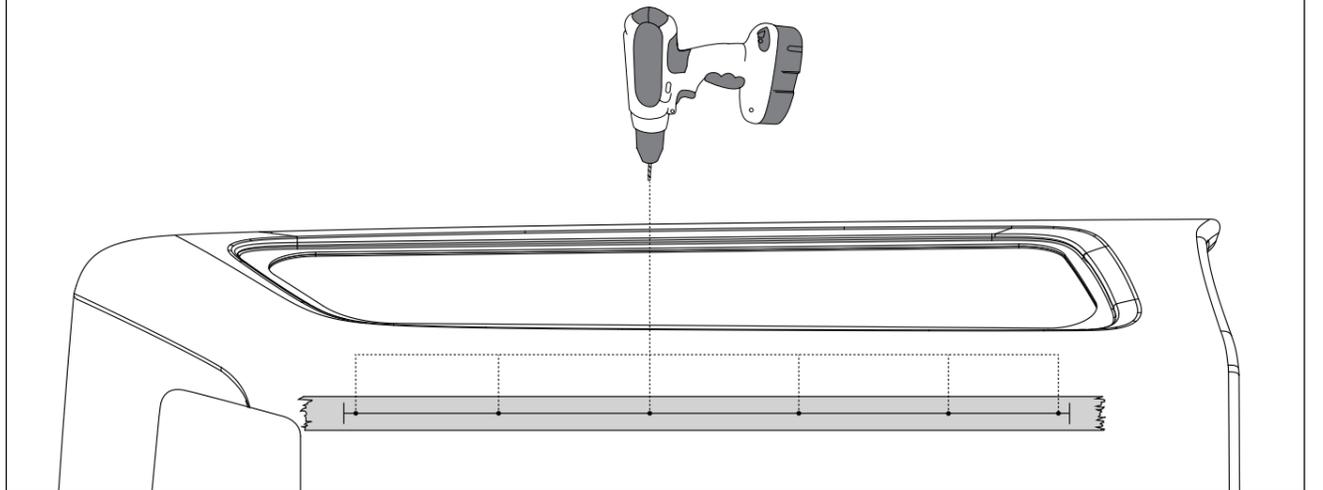


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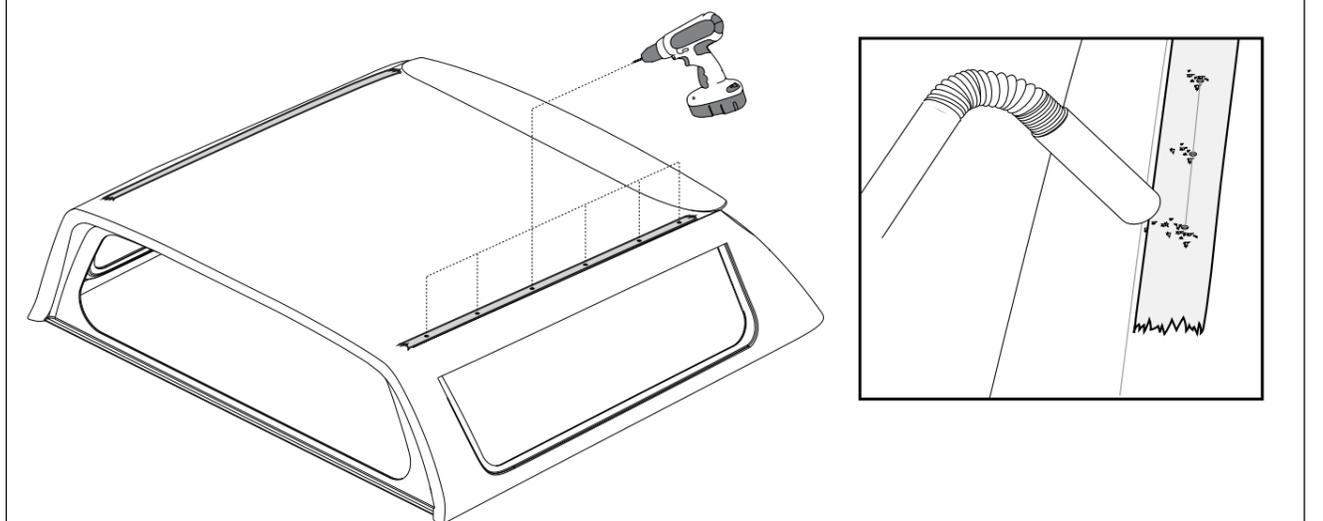
- 4** Measure inward 18mm from both of the centre lines as illustrated and make a reference point. Moving from the front measure back toward the rear 205mm and mark a point. From this point move back 215mm and mark a point, repeat until you meet the reference mark 18mm from the rear.



- 5** Using a **3mm** Drill Bit, drill through canopy with a pilot hole.



- 6** Using a **6.5mm** Drill Bit, drill out pilot holes completed in previous step. Drill through the canopy. Remove all swarf with a vacuum.

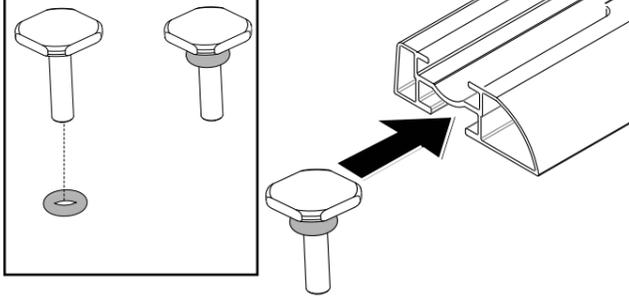




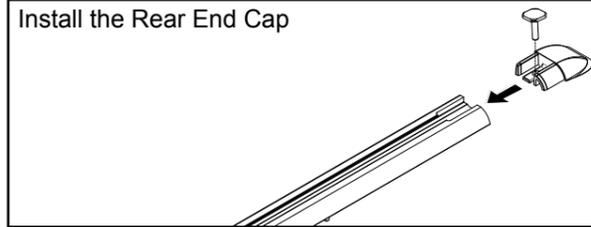
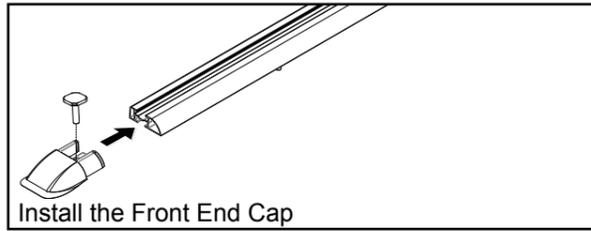
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7 Slide an O Ring onto four T-Bolts. Slide these four T-Bolts into the C-Channel of the Track.

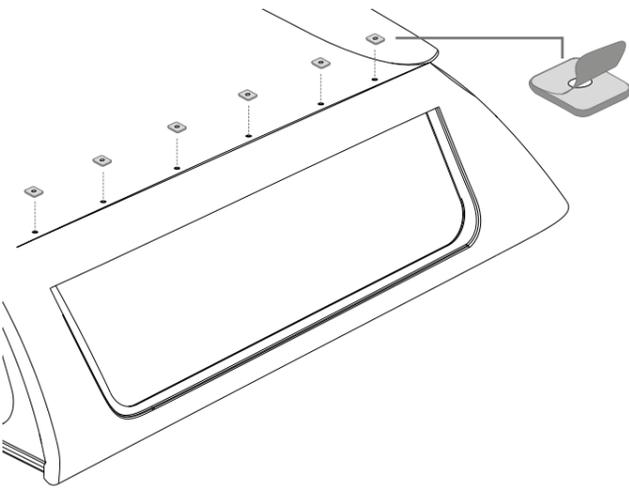
Slide an O Ring onto the T-Bolt as shown.



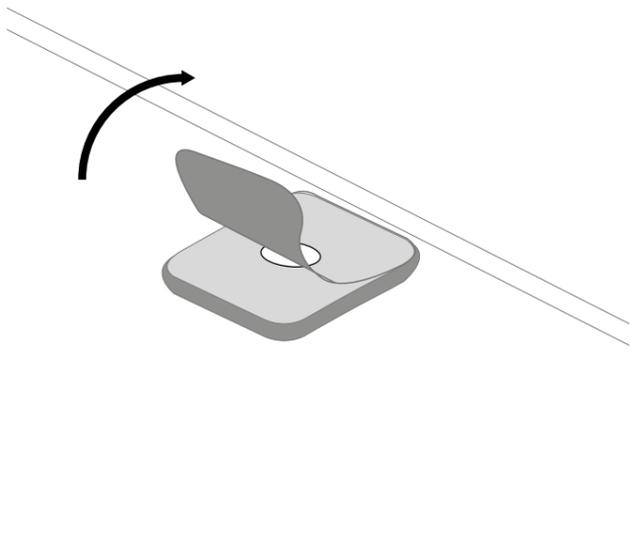
8 Slide a T-Bolt through the holes in the front and rear end caps. Install into the tracks.



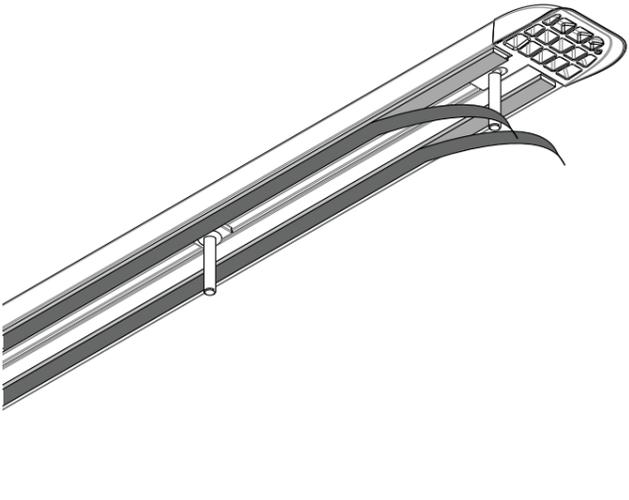
9 Remove one side of the backing tape from six butyl patches. Using the adhesive exposed, stick the patches to the canopy over the drilled holes.



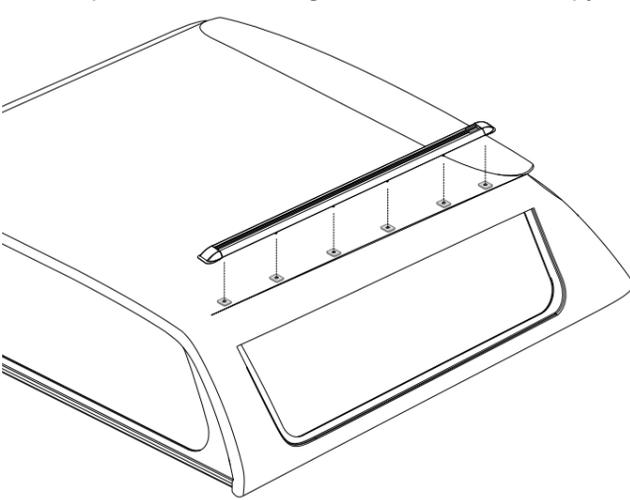
10 Remove the remaining tape from the butyl patches.



11 Remove the backing tape from the pads on the underside of the track.



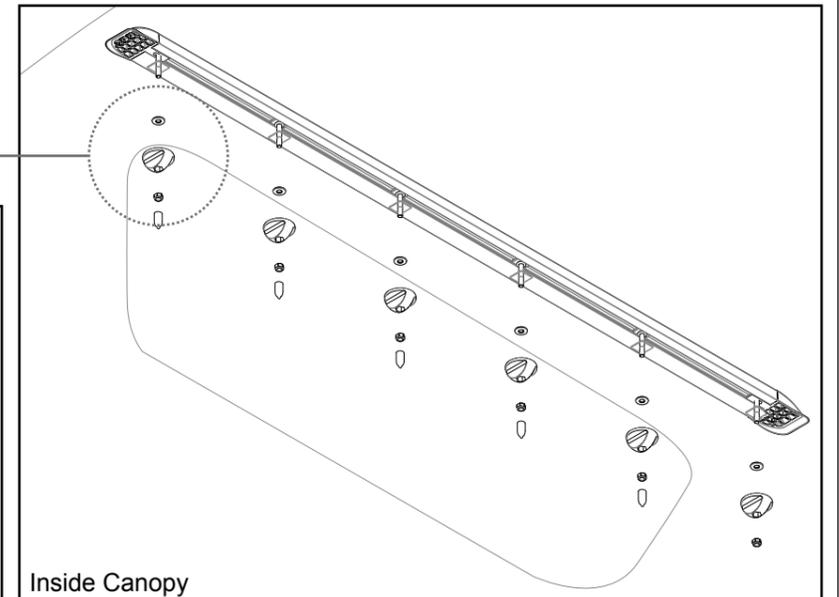
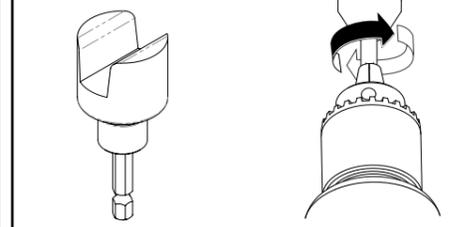
12 Place the track onto the roof as shown. Slide the exposed T-Bolts through the holes in the canopy.



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13 From inside the canopy slide an M6 washer and a Track Nut over each T-Bolt. With this hardware in place put a Nyloc Nut over each. Tighten this by turning the Track Nut clockwise.

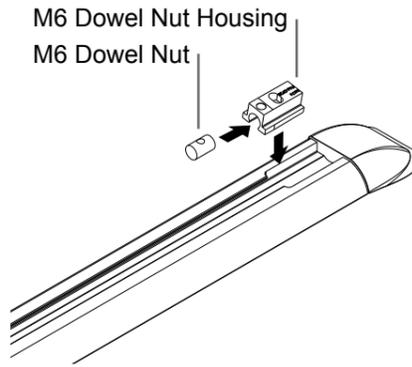
Track Knob Tool (C840) can be purchased as separate. When used in a drill will allow for a quicker and easier fitment.



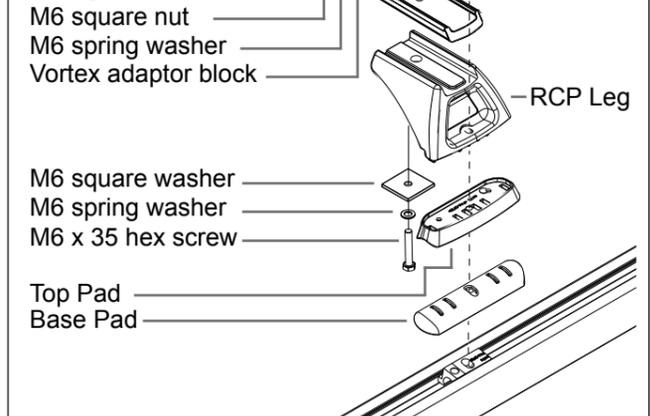
Inside Canopy

Note: Legs as separate

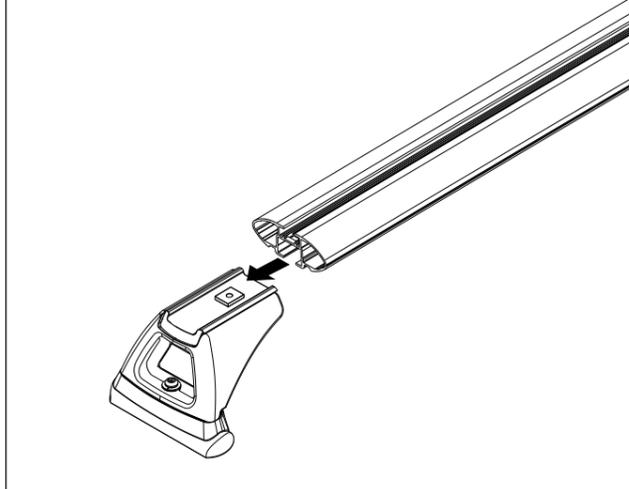
14 In the rear of the track, insert the dowel nut and housing.



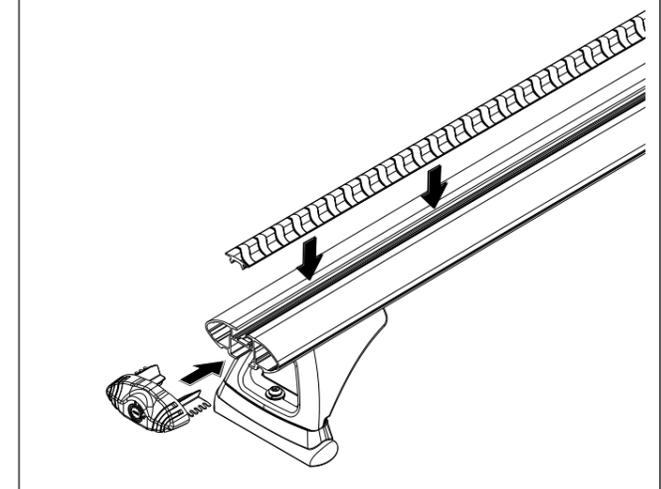
15 Complete the leg installation. Finger tighten.



16 In the rear of the track, insert the dowel nut and housing.



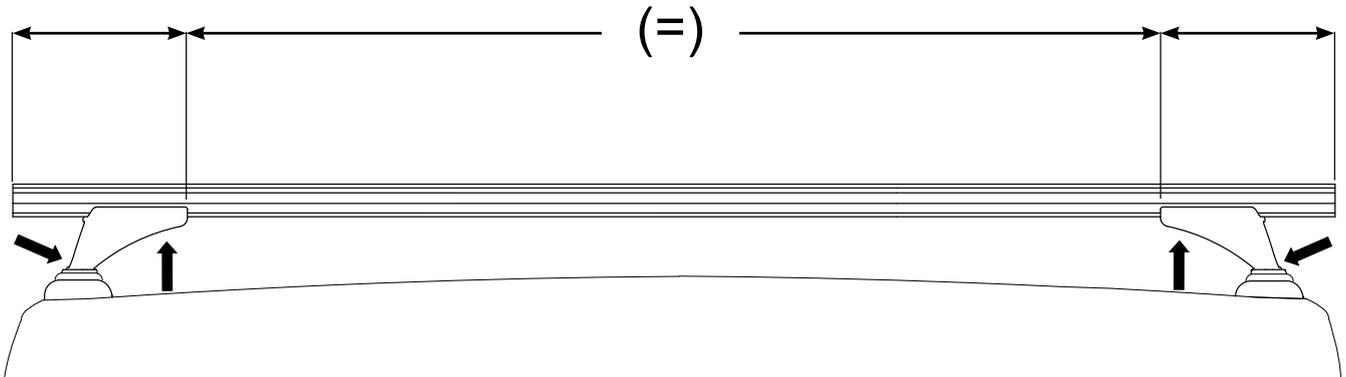
17 Insert the end caps and vortex rubber into bars. Note: Metal locking cores sold separately.



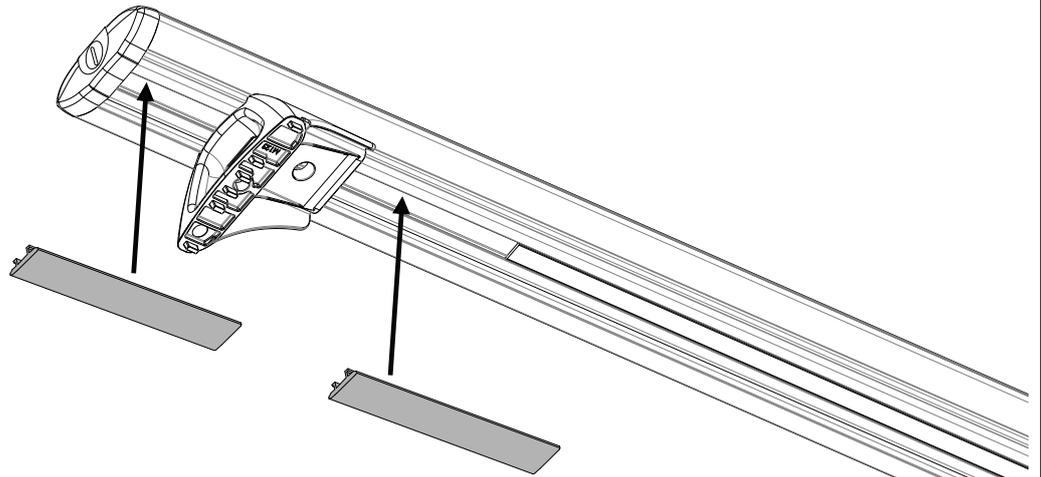


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- 16** Adjust crossbar overhang to be equal on both sides. Tighten M6 crossbar bolts to 3-4Nm/ 2-3lb/ft. Tighten M6 security screws to 3-4Nm/ 2-3lb/ft.



- 17** Measure the slot each side of the leg and cut the bar measurement strips to these lengths. Clip each piece into the bottom slots of the roof bar and ensure they are fully inserted.



- 18** Check all fasteners are secure.

