



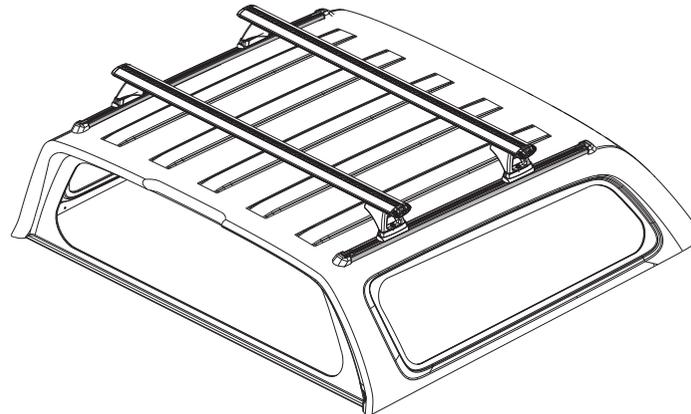
**CONTROLLED**

# RHINO-RACK

## Aeroklas Canopy Track System (Ford Models)

- Important:**
- 1. Please refer to your fitting instruction to ensure that the roof racks are installed in the correct locations.
  - 2. Check the contents of kit before commencing fitment and report any discrepancies.
  - 3. Place these instructions in the vehicle's glove box after installation is complete.
  - 4. These instructions must be followed for warranty to be upheld.

Fit Time: 1.5 hours



### Maximum carrying capacity:

On Road Cargo Allowance	Off Road Cargo Allowance	Rack Weight
80kg / 176lb (canopy dependant)	53g / 116lbs (canopy dependant)	5kg / 11lb

- Off Road:** Any driven path taken that is not on sealed (tarred / bitumen) and maintained
- Roof Allowance:** Total permissible weight attached to the roof of the car. This is inclusive of the weight of the roof rack system
- Cargo Allowance:** Total permissible weight allowed on top, and attached to roof racks whilst the vehicle is in motion
- Static Allowance:** Total permissible weight allowed on top, and attached to roof racks whilst the vehicle is stationary

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 Pioneer. Weight of roof rack accessories is to be included in cargo allowance.

### Torque settings

Unless stated otherwise in these instructions, all fasteners should be set to the following torque settings - M6: 4-5Nm (3-4lbs/ft), M8: 8-10Nm (6-7.5lbs/ft) and M10: 16-18Nm (12-13lbs/ft).

### Warning:

- Check Part No. and/ or Kit is correct for use with your vehicle
- Do not attempt to fit the 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.**
- 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.
- Although the system is tested and approved to AS1235-2000 / ISO 11154, off-road conditions can be much more rigorous. Extreme care must be taken in off road conditions.
- Roof racks must be removed when vehicle is put through an automatic car wash.

### 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.

### Note for Dealers and Fitters:

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

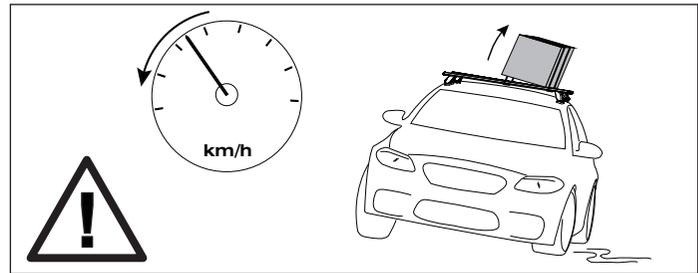
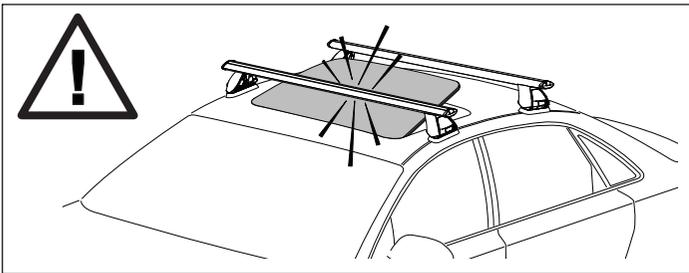
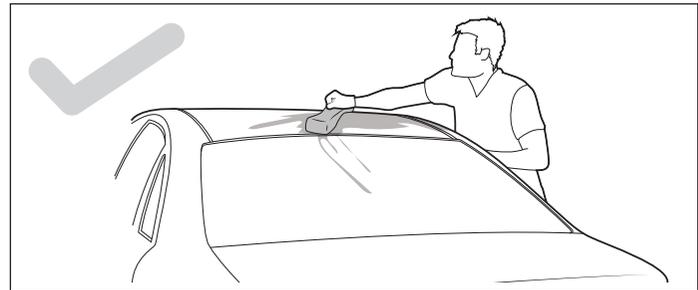
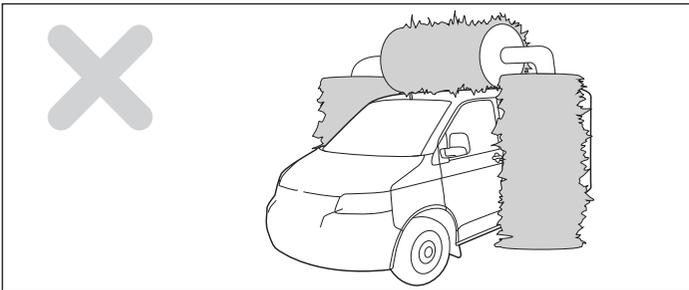
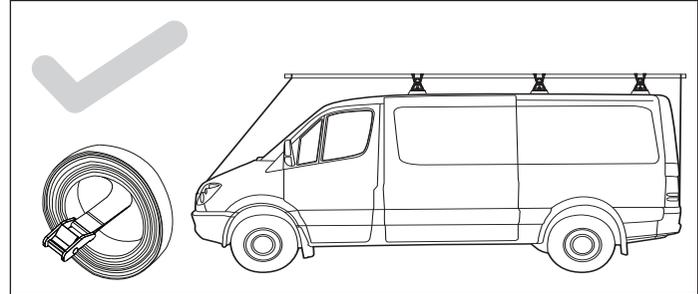
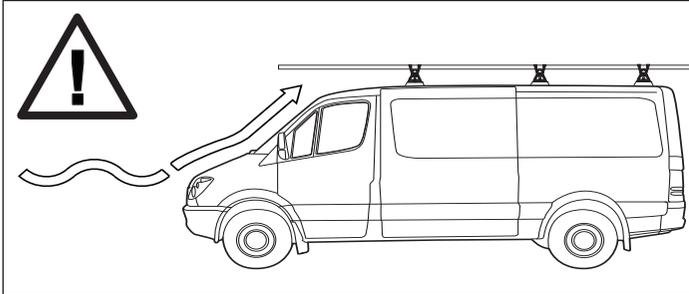
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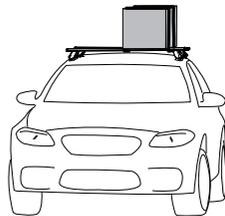
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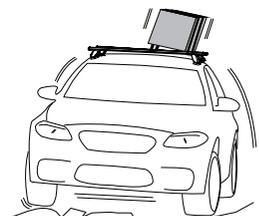
# Aeroklas Canopy Track System



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 Crossbars from your maximum carrying capacity due to the weight of the crossbars and legs.

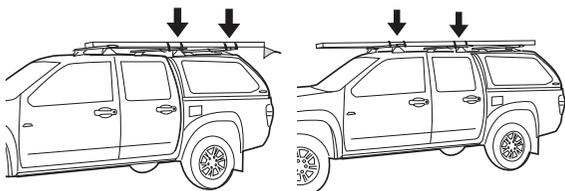


$$80\text{kg load rating (Urban road)} = 40\text{kg load rating (Off road - } 80\text{kg} / 2)$$

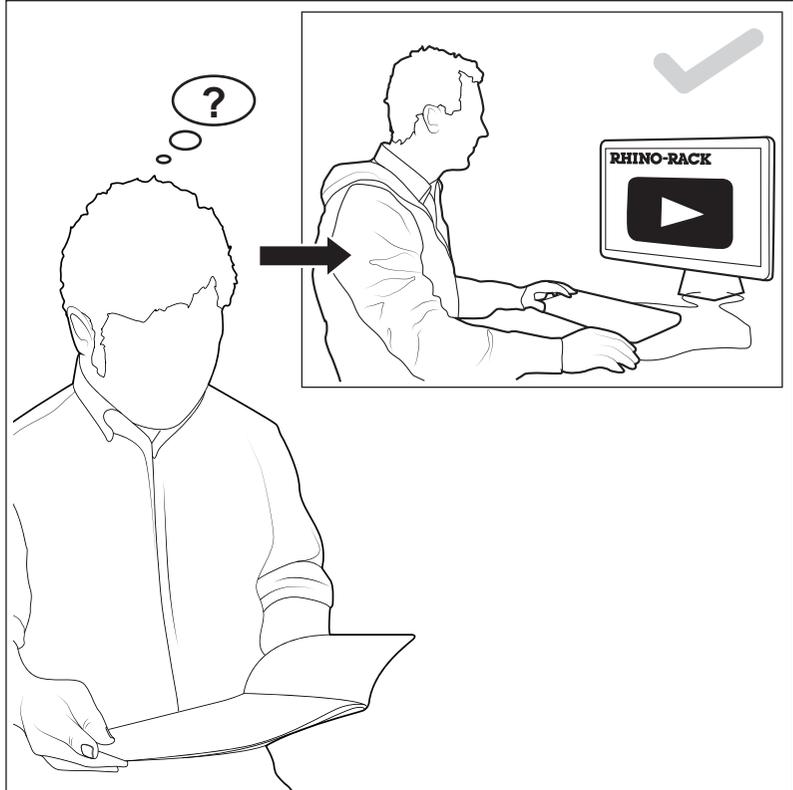
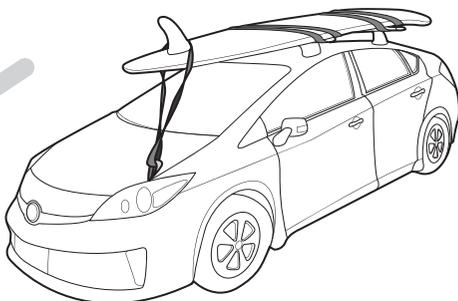


## WARNING! Important Load Carrying Instructions

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.

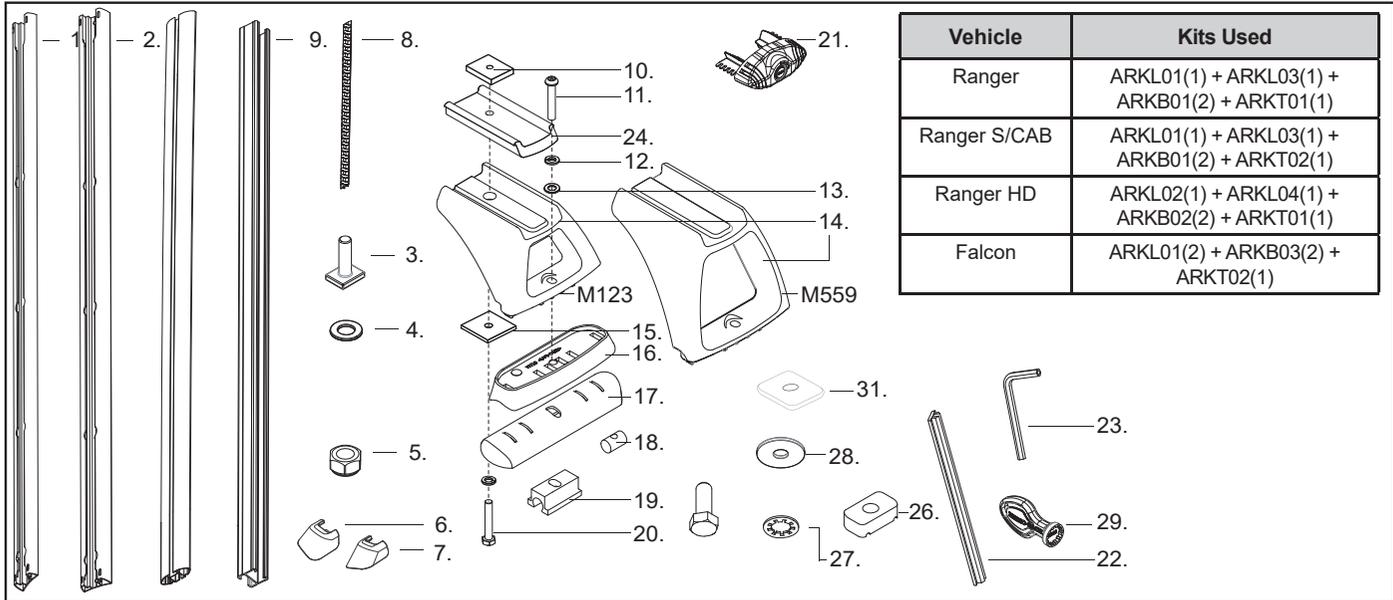


Paddle/ Surfboards should be fixed to the front of the vehicle.





# Aeroklas Canopy Track System

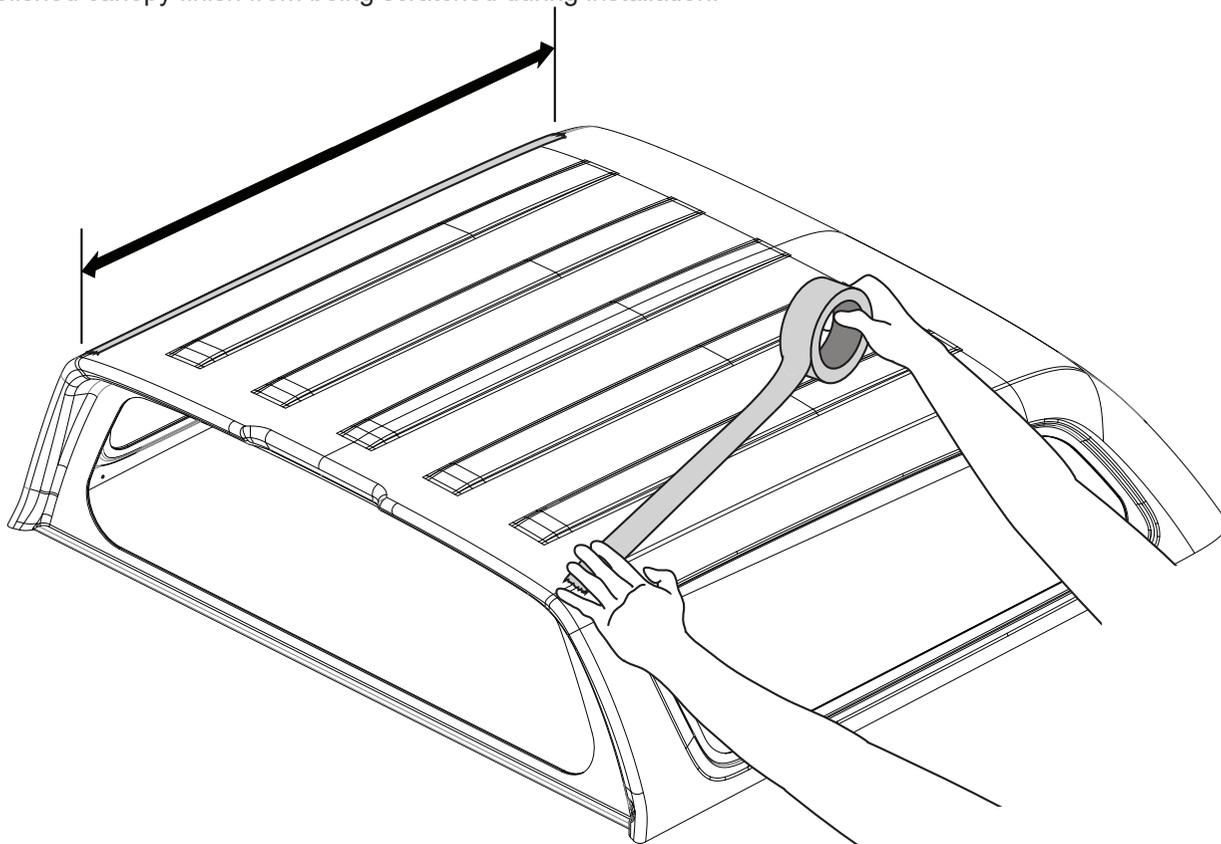


Item	Component Name	ARKT01		ARKT02						
1	Track - Right	A619	1	A620	1					
2	Track - Left		1		1					
3	M6x20mm T-bolt	B209	16	B209	16					
4	1/4x3/4 flat washer	W054	16	W054	16					
5	M6 Nyloc Nut	N069	16	N069	16					
6	Track End Cap	M277	2	M277	2					
7	Track End Cap	M278	2	M278	2					
31	Butyl Patch 20x20	CA1397	16	CA1397	NA					
Item	Component Name	ARKB01		ARKB02		ARKB03				
8	Rubber Strip	M626	3.5	R004	3.5	M626	3.5			
9	Bar	A592	1	A020A	1	A590	1			
21	End Cap	M640	2	M002	2	M640	2			
22	VA measurement strip	M641	2	NA	-	M641	2			
29	Secure Core Key	M623	1	M623	1	M623	1			
Item	Component Name	ARKL01		ARKL02		ARKL03		ARKL04		Tools Needed
10	M6 Rectangular Nut	N035A	2	NA	-	N035A	2	N035A	2	1. 10mm Wrench
11	M6x40mm Security Screw	B085	2	B085	2	B085	2	B085	2	2. Tape Measure
12	M6 Spring Washer	W004	2	W004	2	W004	2	W004	2	3. 6.5 Drill Bit
13	M6x12.5mm Flat Washer	W003	2	W003	2	W003	2	W003	2	4. Drill
14	RLCP Leg	M123	2	M123	2	M559	2	M559	2	5. Masking Tape
15	M6 Square Washer	W037	2	NA	-	W037	2	W037	2	6. Marker
16	RLT Top Pad	M173	2	M173	2	M173	2	M173	2	7. Vacuum
17	RLT Bottom Pad	M172	2	M172	2	M172	2	M172	2	9. Torque Wrench
18	M6x16mm Dowel Nut	A341	2	A341	2	A341	2	A341	2	10. Soldering Iron
19	6mm Dowel Nut Housing	N027	2	N027	2	N027	2	N027	2	11. 17mm Speedbor
20	M6x30mm Hex Bolt	B202	2	B202	-	B202	2	B202	2	12. Butyl Mastic
23	5mm Security Allen Key	H021	1	H021	1	H021	1	H021	1	13. Allen Key (provided)
24	VA adaptor block	M155	2	M155	-	M155	2	M155	2	
25	M10x20 Hex Setscrew	NA	-	B003	2	NA	-	B003	2	
26	M10 Channel Nut	NA	-	N024	2	NA	-	N024	2	
27	M10 Internal S/Proof Washer	NA	-	W021	2	NA	-	W021	2	
28	M10x38x2.5 Flat Washer	NA	-	W022	2	NA	-	W022	2	
30	Fitting Instruction	R486	1	R486	1	R486	1	R486	1	



## Aeroklas Canopy Track System

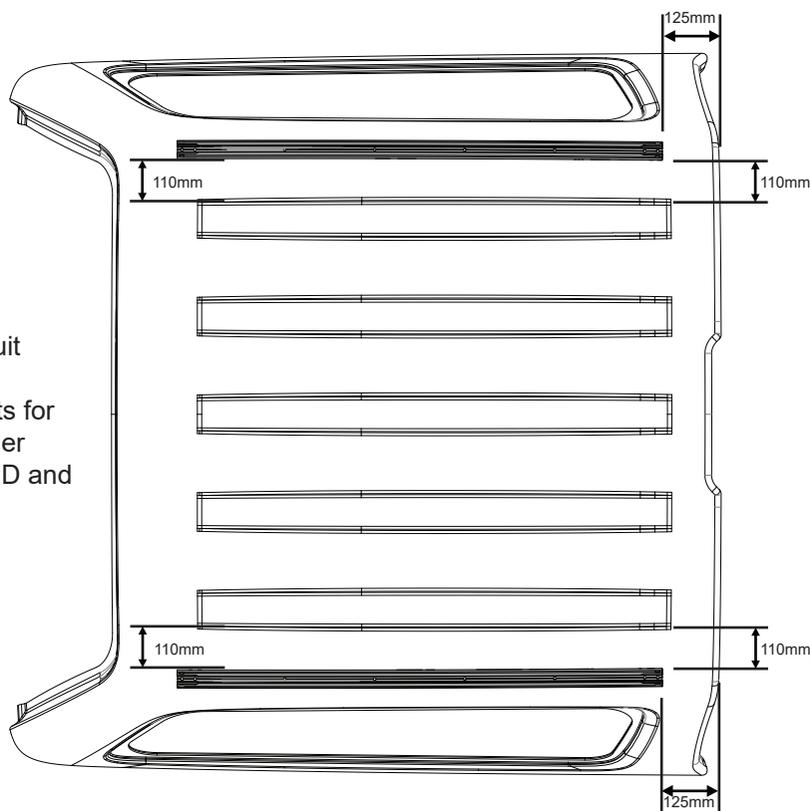
- 1 Place masking tape onto the canopy to adequately cover the approximate area to be drilled protecting the polished canopy finish from being scratched during installation.



- 2 Position the track on the canopy roof so that it fits evenly outside the roof ridges. The aluminium track should be spaced 125mm from the front of the canopy, and 110mm from the outer most ridge. Mark a line on the canopy at the end of tracks. Remove tracks and with a straight edge, join lines to use as reference point.  
**IMPORTANT: Double check measurements are equal (front & rear) to ensure tracks are parallel prior to drilling.**



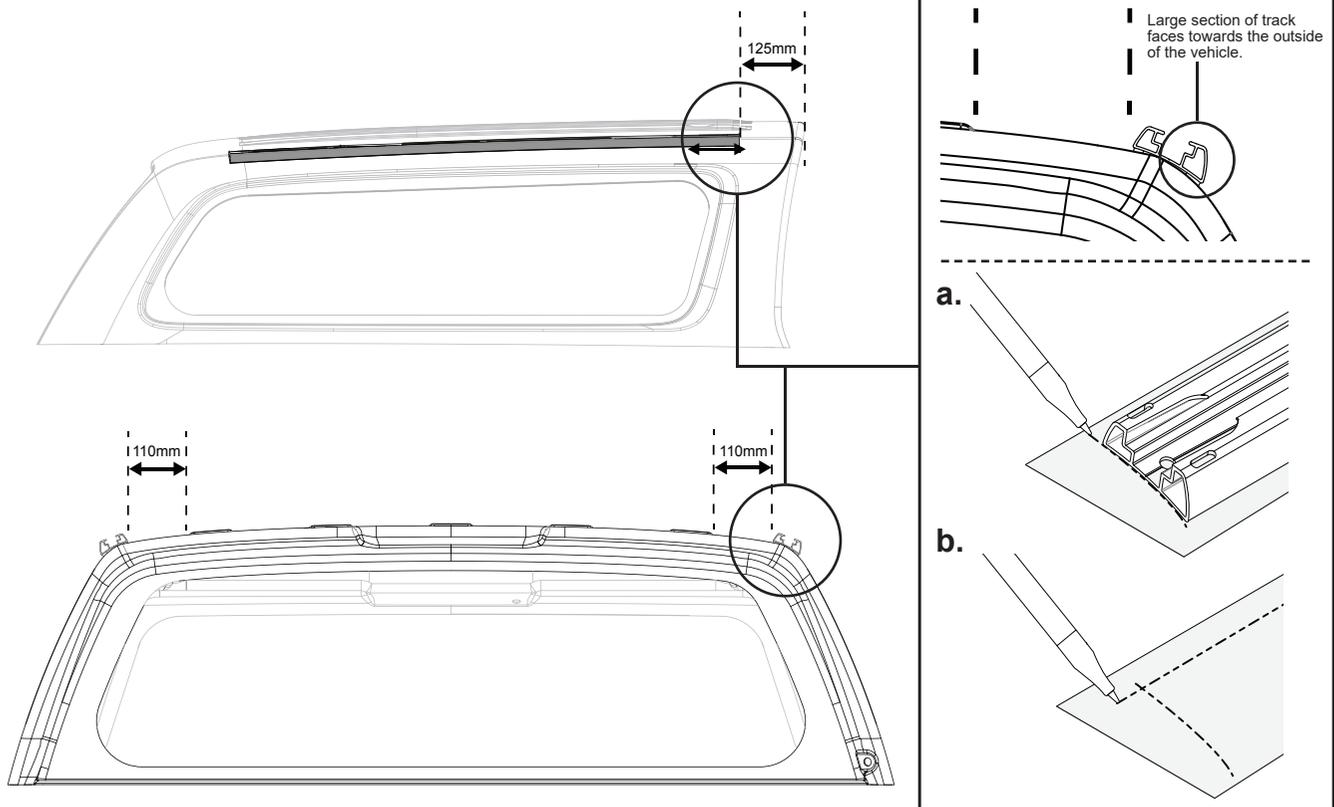
**Note:** Image to suit Ranger. Refer to supplement sheets for this step for Ranger S/CAB, Ranger HD and Falcon.





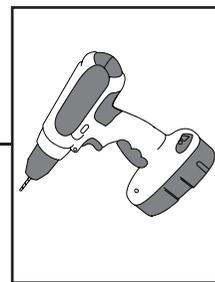
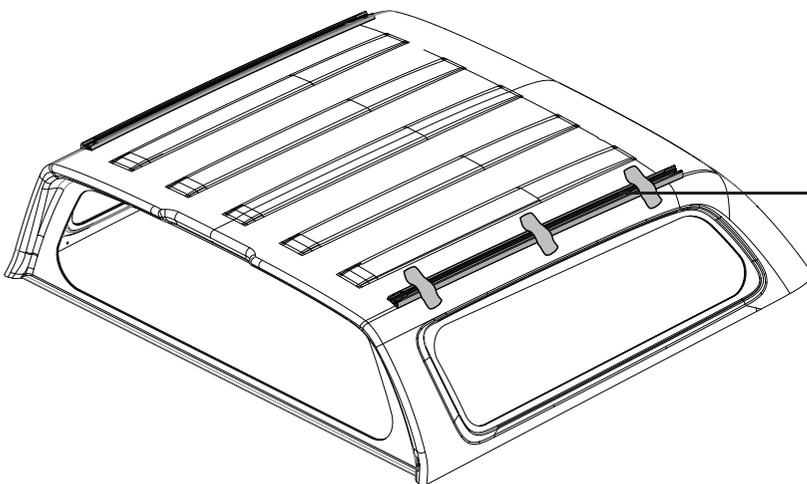
## Aeroklas Canopy Track System

2 cont.



3

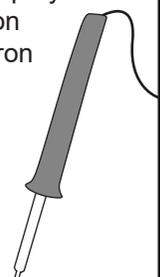
Once in position, using the masking tape, apply 3 strips at the front, middle and the rear of the track as shown. This allows the track to be held in position. Using a sharp  $\text{Ø}6.5\text{mm}$  drill bit, hold the drill perpendicular to the surface of the canopy, apply minimal pressure and proceed to drill. Make sure both the inner and outer skins are drilled through. Remove any swarf with a vacuum.



Drill Slowly

**Note:** Image to suit Ranger. Refer to supplement sheets for this step for Ranger S/CAB, Ranger HD and Falcon.

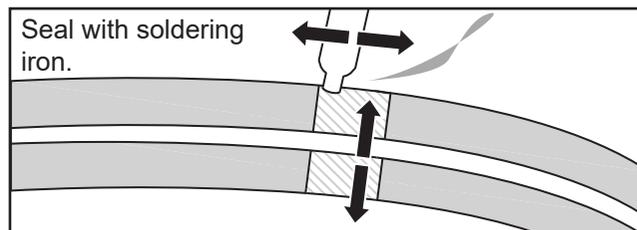
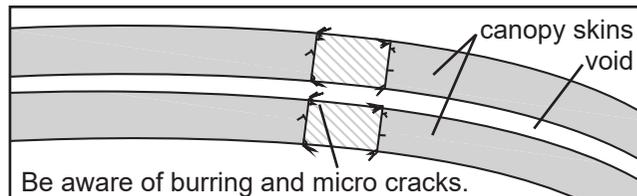
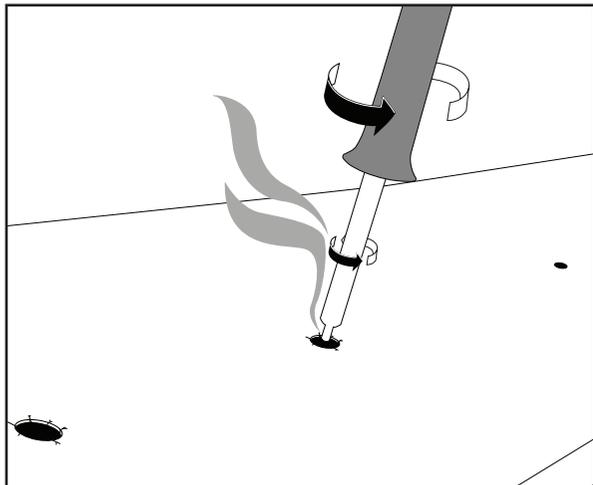
**Note:** Prepare for the next step by switching on soldering iron now.



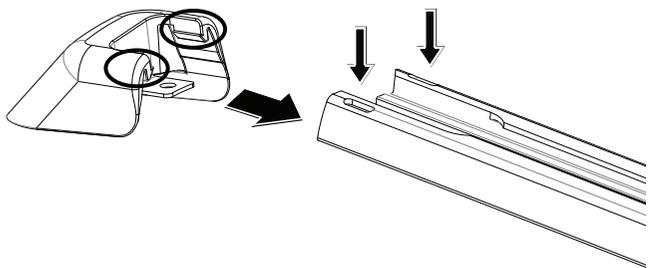


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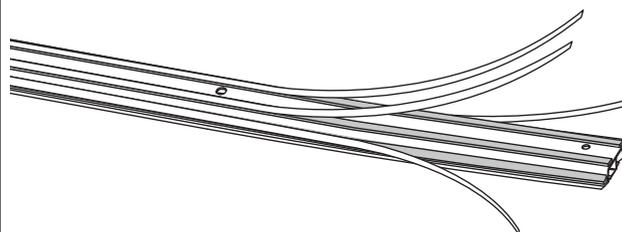
- 4** Using a soldering iron, slowly run the hot tip around the circumference of the drilled hole three time. This will seal the ABS from any microcracks that may be present after drilling.



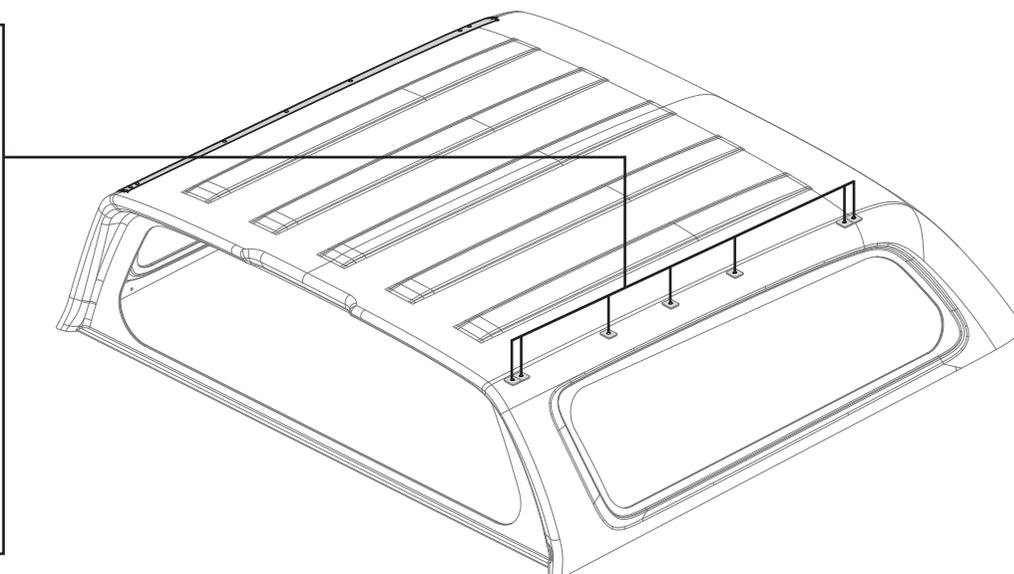
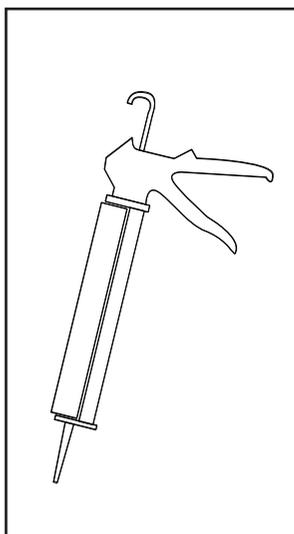
- 5** To install the end caps, push the top tabs of the end cap through the slots in the track as shown. (A non oil based lubricant may be used to assist pushing the tabs through). Ensure that the lower tongue is positioned underneath the track and align with the hole.



- 6** Remove the backing tape from the track mount.



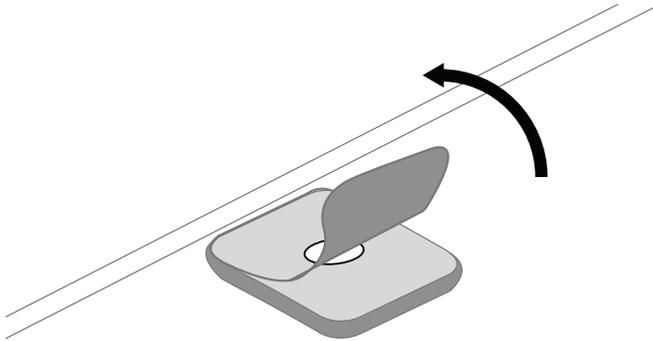
- 7** Apply Selleys Butyl Mastic to the holes drilled in the outer skin before fixing the track. Butyl Patches can also be used. Remove the masking tape from the roof of the canopy and clean the top surface with a damp microfibre cloth. Apply Butyl Mastic or remove the backing tape from the butyl patches and place over drilled holes in the canopy.



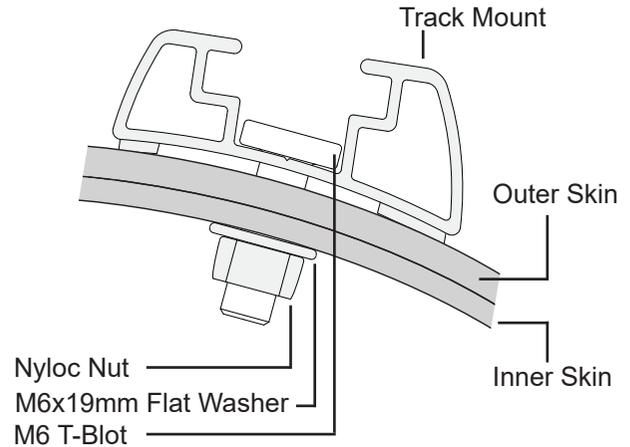


# Aeroklas Canopy Track System

**8** If patches were used, remove the protective tape from the top of each butyl patch.



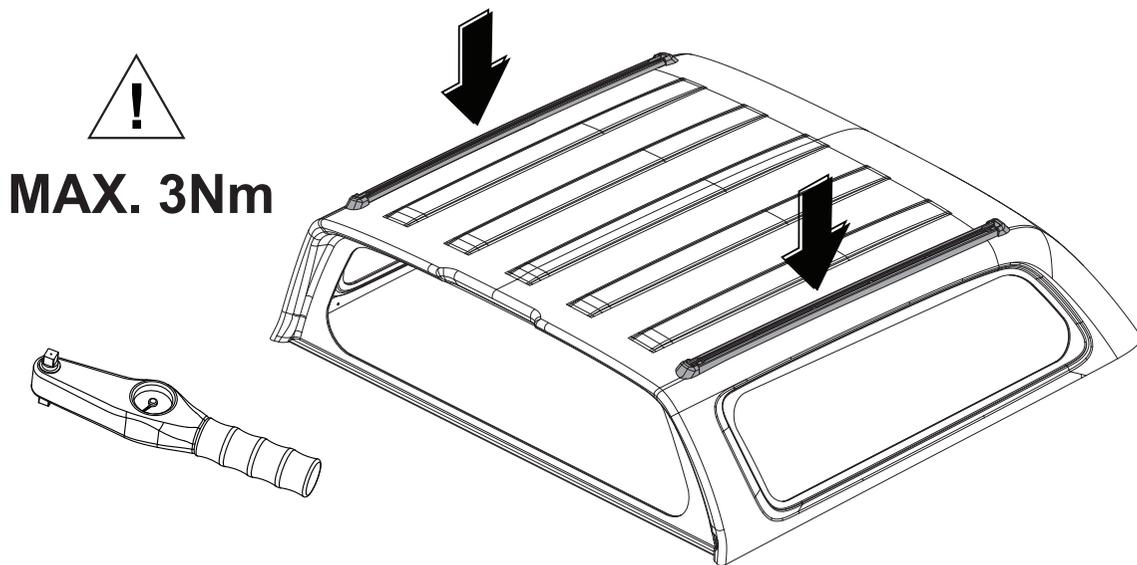
**9** Install the track using 1x M6 t-bolt, 1x M6x19mm flat washer, 1x M6 nyloc nut. Using holes drilled.



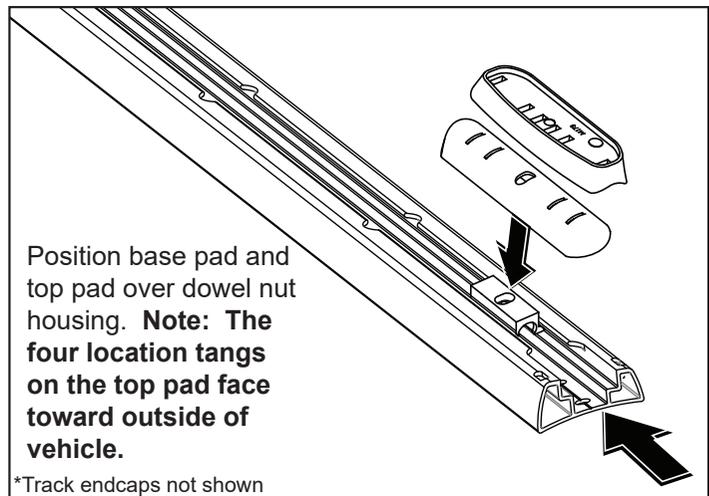
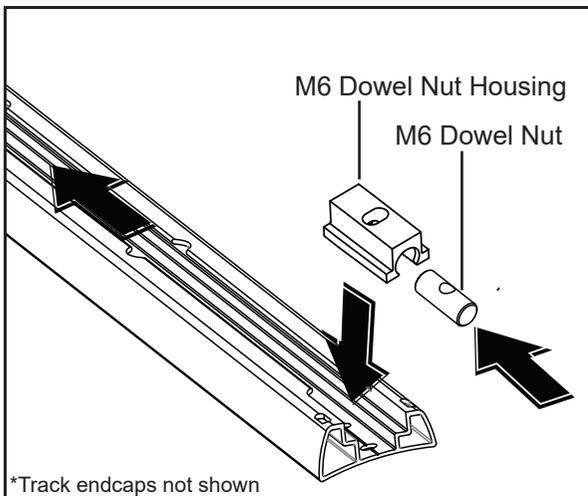
**Note:** Aeroklas 5 kits refer to supplement.

## Note: Repeat Steps 1-9 for opposing side

**10** Tighten the 16x M6 nyloc nuts to 3Nm starting from the centre, alternating each side working towards the front and rear of the track. Be careful not to overtighten as this may cause deformation to the internal ABS skin.



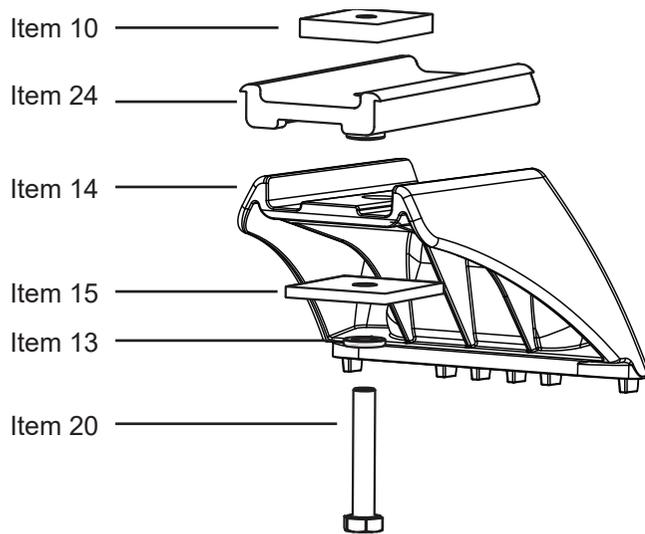
**11** Assemble the track using parts as shown



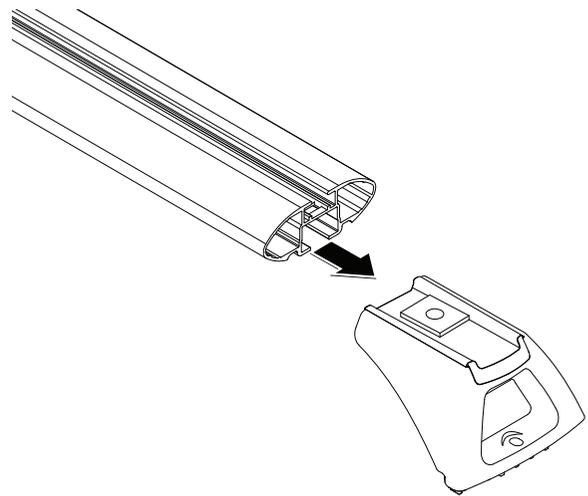


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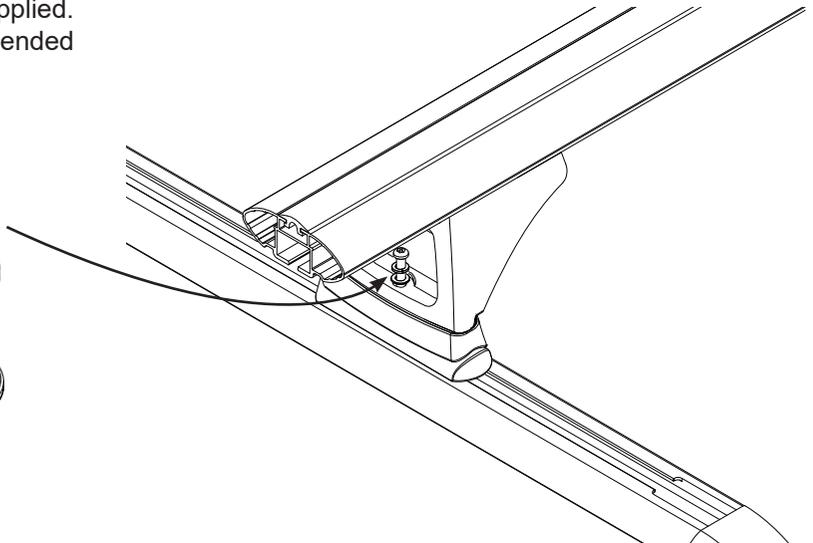
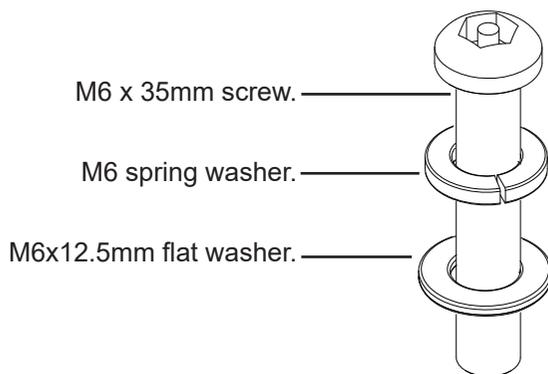
**12** Assemble Leg as shown. M123 pictured.



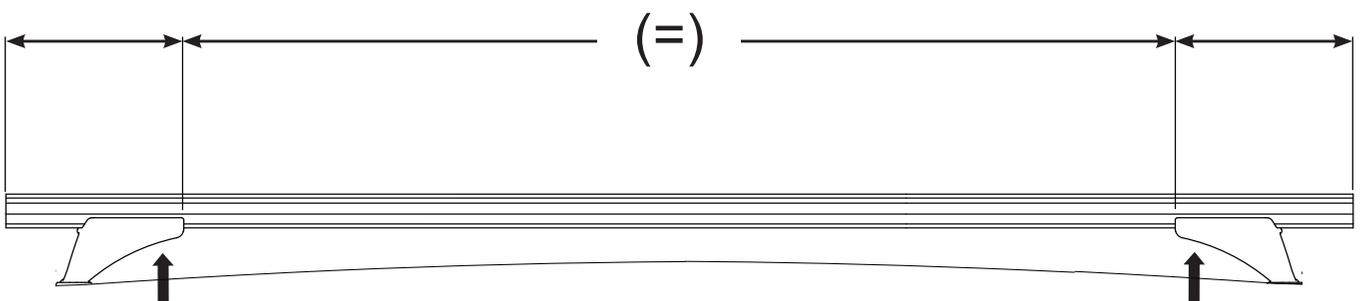
Insert Leg into cross bar, finger tighten



**13** Fasten the four legs using the allen key supplied. Tighten M6x35mm screws. Recommended torque setting is 3-4 Nm.



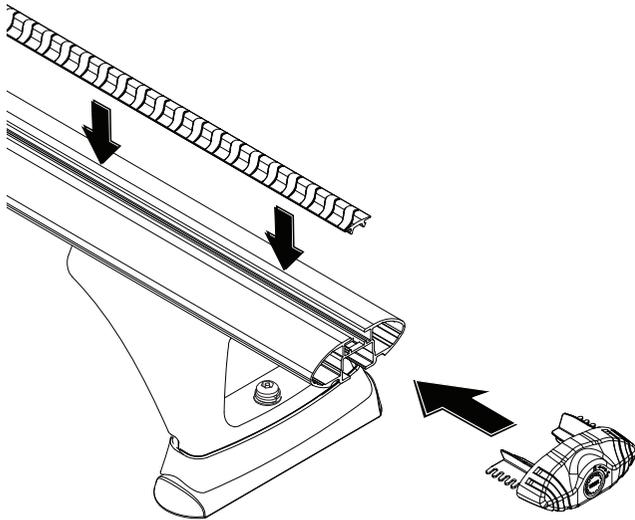
**14** Adjust crossbar overhang to be equal on both sides. Tighten M6 crossbar bolts to 3-4Nm.



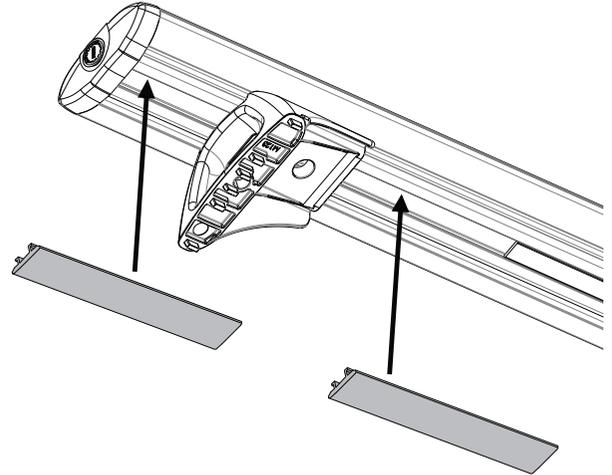


# Aeroklas Canopy Track System

**15** Insert the end caps into each end of the roof bars.



**16** 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.



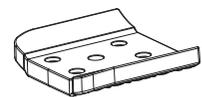
**17** Bar 1 & 2: 2500 Rack System. Bar 3 & 4: Canopy Track Mount System.

Spacers sold as separate for 3 and 4 bar systems.

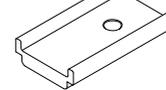
Vehicle	Bar 1 Spacer	Bar 2 Spacer	Bar 3 Spacer	Bar 4 Spacer
Ford PX (T6) Ranger (Dual Cab) - Vortex	RLKS2	-	1 x LHS-A1PAIR	2 x M155
Ford PX (T6) Ranger (Dual Cab) - Heavy Duty	RLKS3	-	1 x LHS2PAIR	-



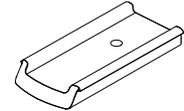
M492



M493



M155



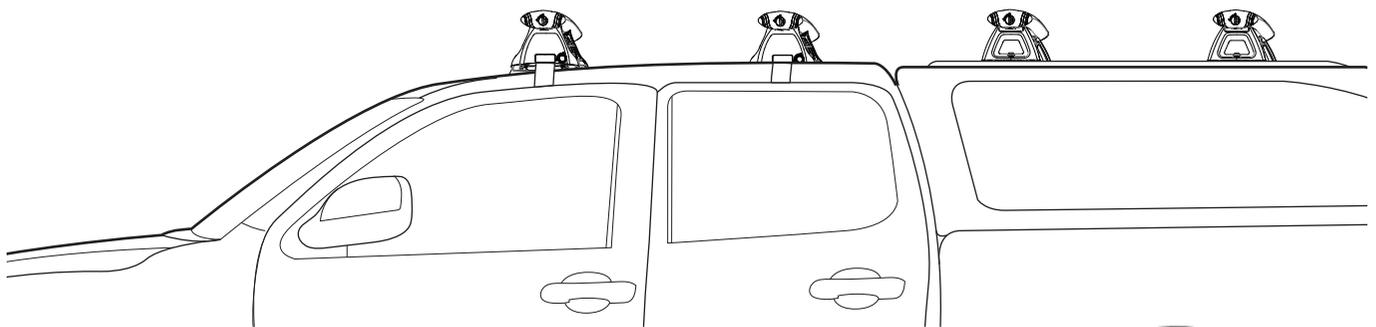
M016

1.

2.

3.

4.



**18** Check all fasteners are secure.

