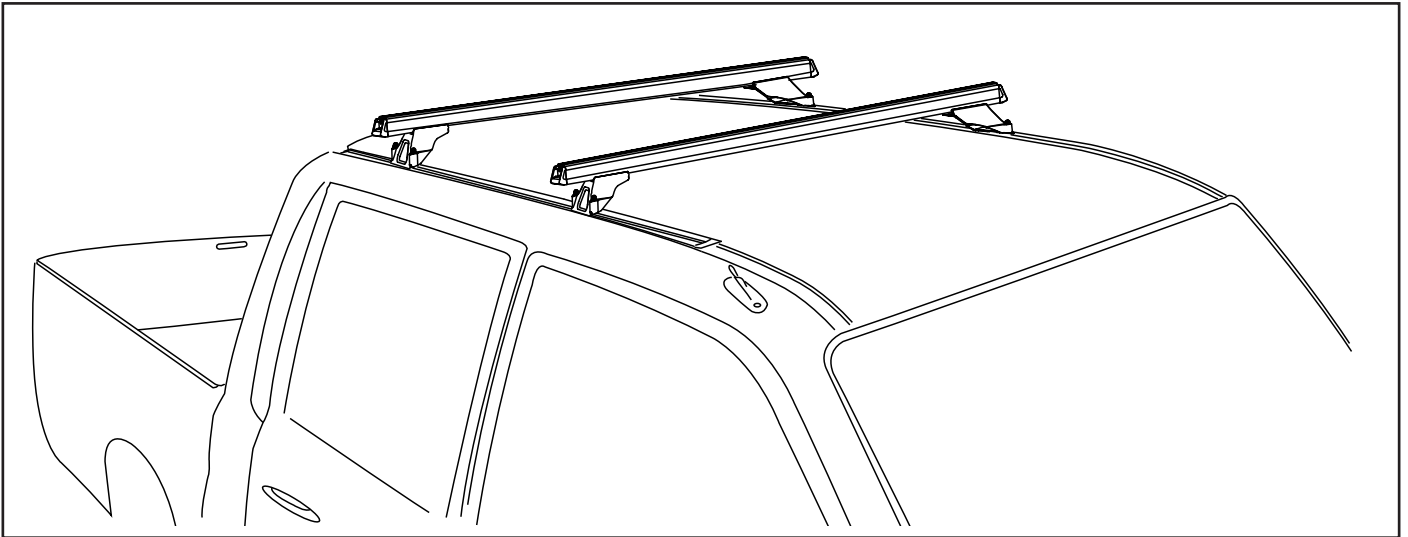




RHINO-RACK

RTS510 Rhino Heavy Duty Track Mount System - MITSUBISHI TRITON MK

Important: Please read these instructions carefully prior to installation.
Please refer to your fitting instruction to ensure that the roof racks are installed in the correct locations.
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.



Care Instruction: Wash vehicle roof especially the mounting points prior to installation.

Important Information

Maximum carrying capacity: 100kg

Recommendations:

It is essential that all bolt connections be checked after driving a short distance when you first install your cross bars. 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 cross bars each time they are re-fitted.

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.

Use only non-stretch fastening ropes or straps.

Sensitivity to cross winds, behaviour in curves and braking.

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-resisting loads; special consideration must be taken into account when braking.

Please remove cross bars when putting vehicle through an automatic car wash.

Load Ratings:

Maximum permissible load is 100kg per pair of cross bars (include the weight of the cross bars, 5kg). When cross bars are to be used in off-road conditions, please build a safety factor of 1.5 into this load limit. Although the cross bars are tested and approved to AS1235-2000, Australian road conditions can be much more rigorous. However, increasing the number of cross bars 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.

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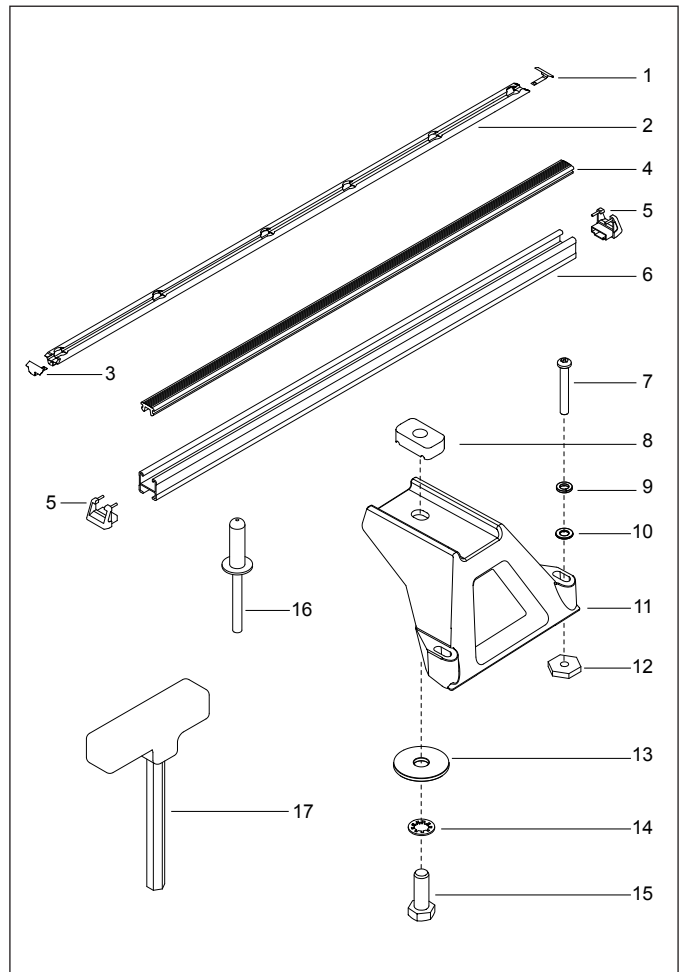
These instructions remain the property of Rhino Rack Australia Pty. Ltd. and may not be used or changed for any other purpose than intended.



Rhino Heavy Duty - MITSUBISHI Triton MK

Parts List

Item	Component Name	Qty	Part No.
1	Track End Cap (Left)	2	C393
2	Triton Track 1150mm	1 Pair	A365
3	Track End Cap (Right)	2	C394
4	Heavy Duty Rubber Buffer 1250mm	2	R004
5	Heavy Duty Cross Bar End Cap	4	M002
6	Heavy Duty Cross Bar 1250mm	2	A020
7	M6 x 35mm Security Screw	8	B092
8	M10 Channel Nut	4	N024
9	M6 Spring Washer	8	W004
10	M6 x 12.5mm Flat Washer	8	W003
11	RLTF Heavy Duty Leg	4	M010
12	M6 x 21.43mm x 4.40mm Brass Nut	8	N009
13	M10 x 38mm Flat Washer	4	W022
14	M10 Internal Shakeproof Washer	4	W021
15	M10 x 25mm Hex Bolt	4	B071
16	5mm Rivet	12	H004
17	5mm Security Allen Key	1	SECKEY-S
18	Fitting Instruction	1	RR-154



Tools Required:

Pneumatic or Concertina rivet gun.

Marking pen.

Power or Cordless drill.

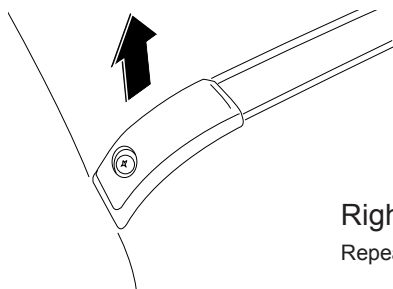
5mm drill with depth stop.

Vacuum cleaner.

Cold galvanizing solution & brush.

Pin Punch & Hammer
 Silastic Sealer/Butyl Mastic.
 5mm Security Allen key, provided in kit
 5/8 or 16mm spanner.
 Measuring tape.
 Hacksaw.
 Philips head screwdriver.
 Flat head screwdriver.

1



Right rear shown.
 Repeat for left side.

Remove rear plastic trim.

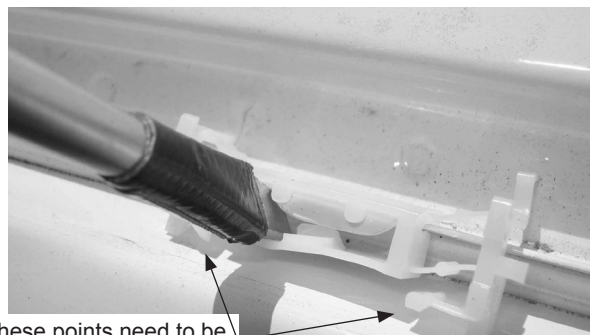
Use a philips head screwdriver to remove screw holding the plastic trim at the rear. This will facilitate removal of the long roof channel trim.

2 Completely remove roof channel trim.

Lift edge of rubber trim to expose plastic clips. A flat head screwdriver will be needed to depress the clips to unhook them from the roof trim. As shown, twist a flat head screwdriver to remove the clips off the rib.



LIFT TRIM FROM OUTSIDE EDGE OF ROOF.

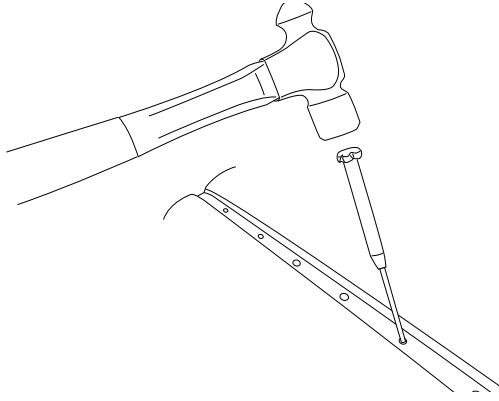


These points need to be depressed for removal.



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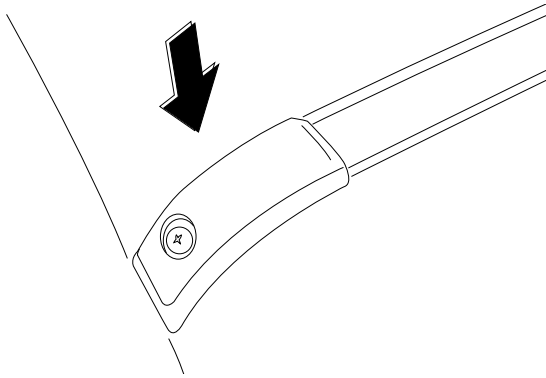
3



Flatten spot weld.

Once trim is removed thoroughly clean out roof channel before placing track in place. There are six spot welds in each roof channel. These need to be knocked flat to allow the track extrusion to sit on a flat surface. Use a hammer and punch for this.

4



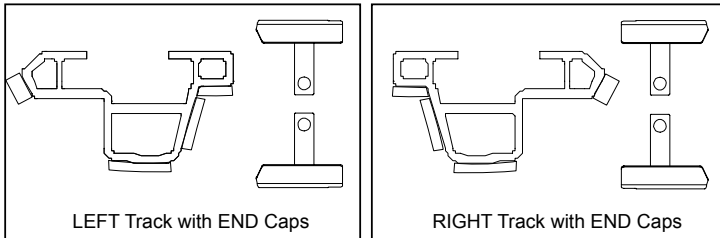
Re-fit rear plastic trim.

Use a philips head screwdriver to attach screw holding the plastic trim at the rear.

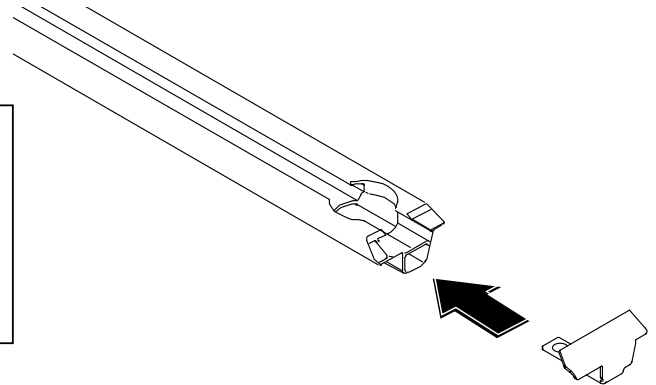
5

Fit End Cap.

Place rear end cap into rear of track extrusion.



Tracks viewed from rear of vehicle.

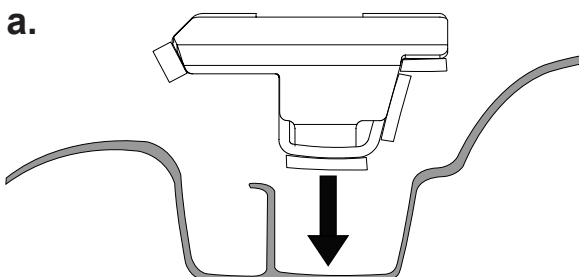


Left Track Rear.

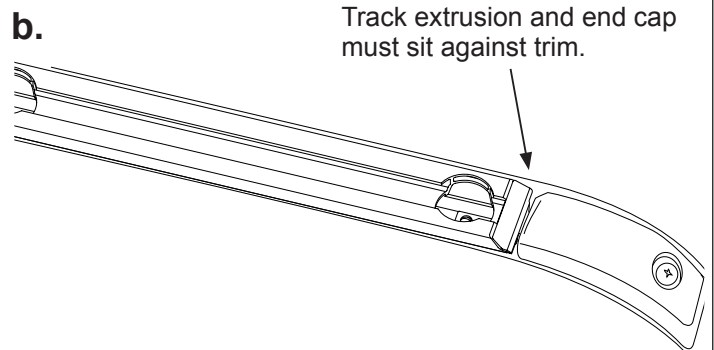
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Track location.

- Locate the track extrusion into the roof channel and against the rib running through.
- The extrusion with end cap must sit up against the rear roof trim.



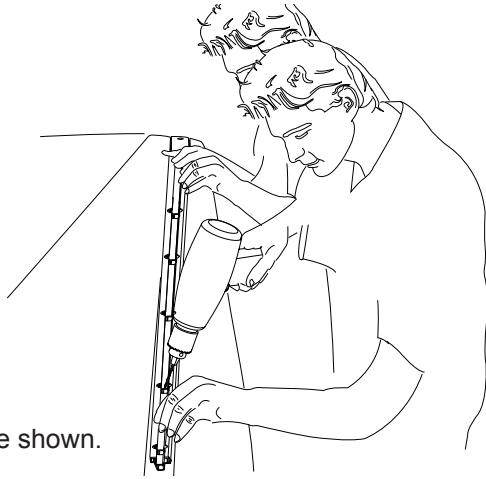
LEFT Track extrusion viewed from rear.





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7



Left side shown.

Spot drill holes.

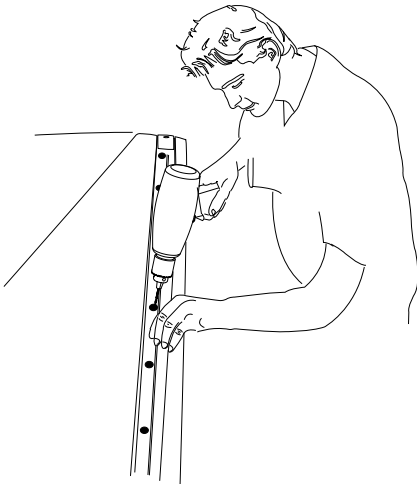
Assistance in holding the track extrusion by a second person is recommended. Have the assistant locate and keep downward pressure on the track while you spot all the holes. Using a 5mm bit spot drill the holes starting from the rear. Maintain track alignment by pulling against the rib in the roof channel.

CAUTION

Wiring loom runs within roof cavity directly below drill locations in Step 8.

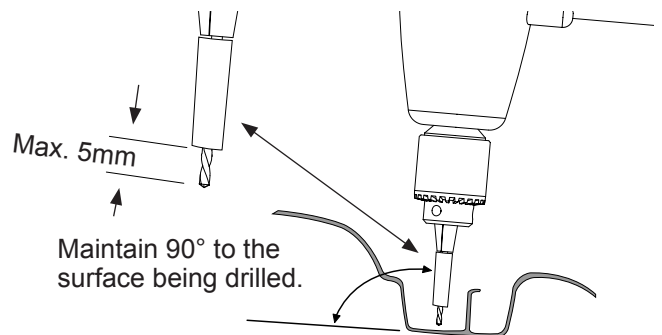
Use of a drill stop is required to eliminate the chance of contacting the wires within the roof cavity. The fitter needs to ensure that a drill stop is used and adjusted correctly (as detailed in Step 8) before proceeding.

8

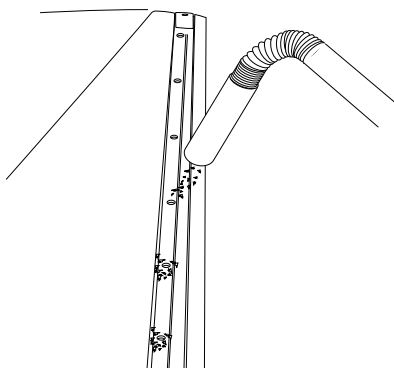


Drill roof.

Use of a drill stop is recommended to avoid drilling into hood lining. When drilling hold the drill perpendicular to the surface being drilled. Drill through the roof skin using a 5mm bit.



9



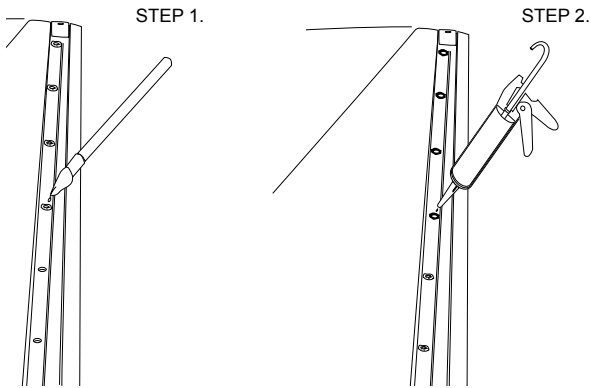
Vacuum swarf.

Use a vacuum cleaner to remove swarf from the roof. This will minimise swarf entering the hole and avoid scratching.



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10

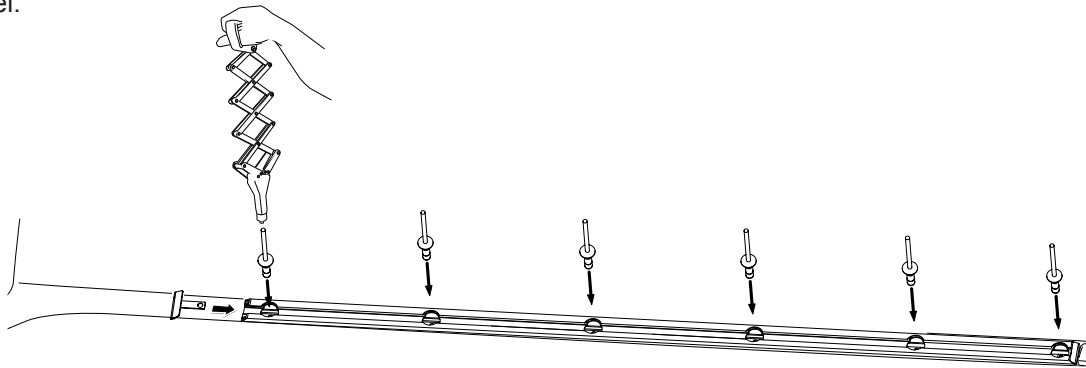


Apply sealer.

STEP 1. Apply a liberal amount of cold galvanizing solution to the inside and surrounds of all holes. Allow cold galvanizing solution to touch dry, ten minutes or so, **STEP 2.** Apply a liberal amount of Selleys Butyl Mastic sealer in and around each hole.

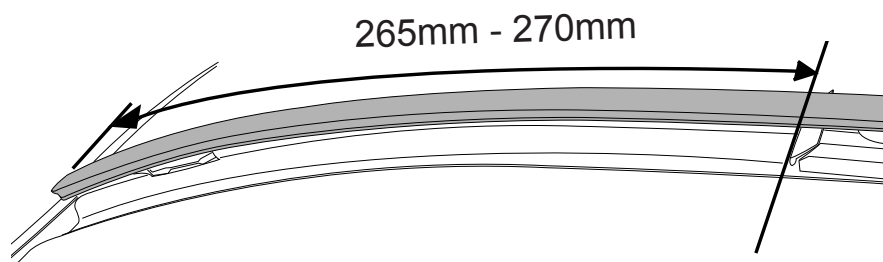
11 Fasten track.

Peel off the white backing strip from the under side foam. Place the front end cap in. Place track over holes, check for alignment before riveting. Start riveting front to rear while keeping the track against the thin rib in the roof channel.

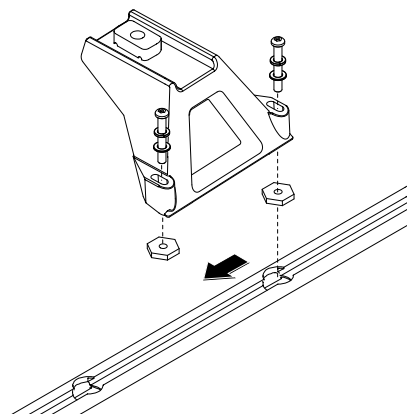


12 Cut and re-fit roof trim.

Lay the roof trim over the roof channel with the front tucked under windscreen rubber. Measure the distance from the windscreen rubber to the end cap. The measurement is approximately 265mm-270mm. Check this on your installation. Use a hacksaw to cut through the trim. Attach the plastic clips back into the underside of the roof trim. Re-fit the roof trim.



13



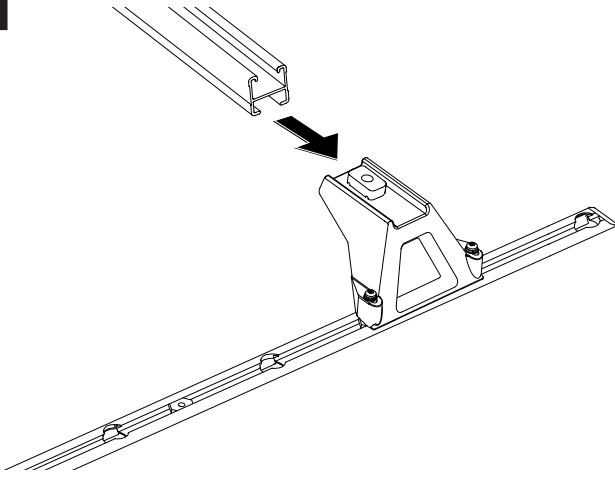
Attach leg.

Unscrew the Brass hex nuts from the RLTF leg. Place the Hex nuts from each RLTF leg into the cut outs of the track and slide along to desired position. The legs will be secured in place after the cross bars are attached.



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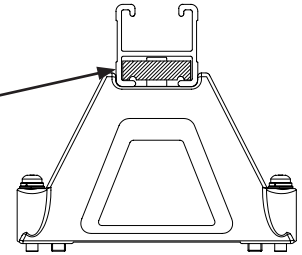
14



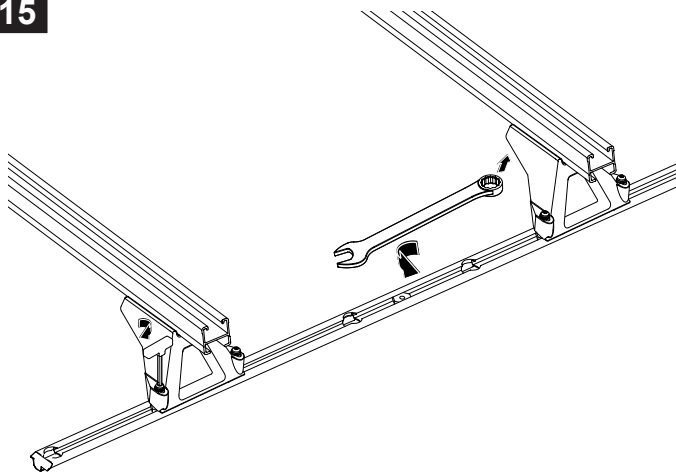
Attach cross bar.

Slide the cross bar onto the leg and locate with the M10 channel nut. Finger tighten the leg attachment bolt so that the channel nut turns to locate across the cross bar. Leave loose enough so the cross bar can slide along the leg. The legs will require final adjustment and tightening later.

Channel nut must locate across the bar.



15

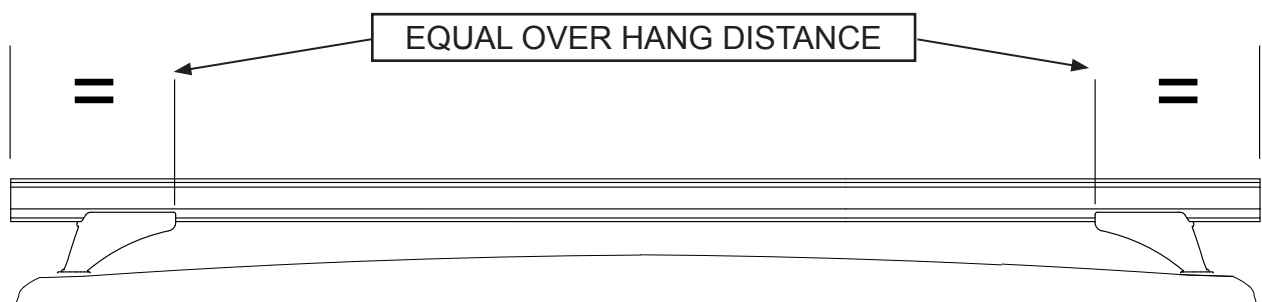


Tension cross bar and legs.

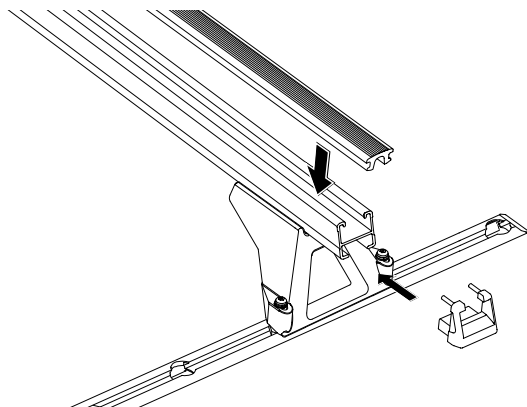
Locate the RLTF legs Parallel across the vehicle onto the tracks. Fasten M6 security screws into the brass hex nuts. Do not place hex nuts over cut outs in the track.

16 Check over hang.

Use a tape measure to check the cross bar over hang is equal on both sides, re-adjust if required. Tighten the M6 screws to **3-4N/m**. Tighten the M10 cross bar bolts to **5-6 N/m**.



17



Fit cross bar rubber and end caps.

Insert the cross bar rubber buffer strip into the top of the cross bar. Insert the end caps into the ends of the crossbar, a rubber mallet may be required to fit the end caps.