

MAX VEHICLE ROOF LOAD RATING*:

FRONT: 35KG REAR: 75KG

TOTAL LOAD EQUALS WEIGHT OF ROOF RACKS + ACCESSORIES + CARGO

***Manufacturer's Rated Maximum**

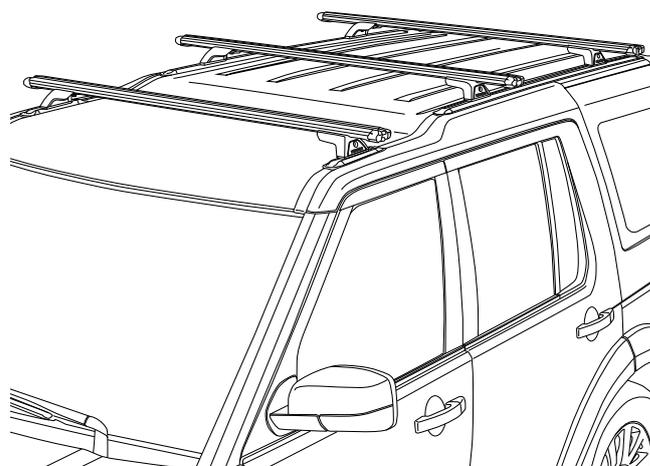
FIRST TIME INSTALLATION

- Please read instructions carefully before installation.
- Check the contents of kit. Contact your YAKIMA dealer if any parts appear missing or damaged.
- Clean your roof thoroughly prior to fitting the LOCKN'LOAD Track Heavy Duty Roof Rack System.
- Place these instructions in the vehicle's glove box after installation is complete.



TOOLS REQUIRED:

- Marking Pen/Pencil
- Power or Cordless Drill
- #2 Phillips Head Screwdriver
- Vacuum Cleaner
- Mastic Silicone Sealant
- Fine Tooth Hacksaw
- Rivet Gun
- Rubber Mallet (Optional)
- Drill Stop
- Tape Measure
- Zinc Rich Cold Galvanising Coating
- Flat Blade Screwdriver
- 10mm Open Ended Spanner
- 13mm Socket or Spanner
- 4mm Allen Key
- Torque Wrench (Optional)
- Double Sided Tape
- Centre Punch
- Hammer
- Thread Locking Compound



KIT CONTENTS - FRONT TRACKS (see pages 2-5)

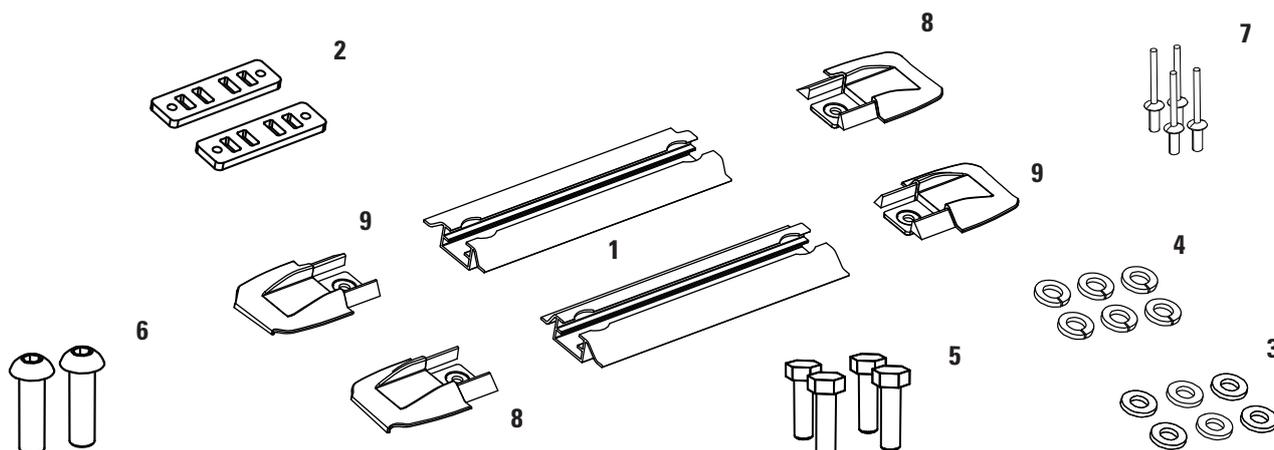
ITEM	COMPONENT	QTY	ITEM	COMPONENT	QTY
1.	Track Front Land Rover Disco 3&4	x2	6.	M6 Button Head Capscrew	x2
2.	Track Nut Plate	x2	7.	Rivet 13.5mm	x4
3.	M6 Washer	x6	8.	End Cap Front Left & Rear Right	x2
4.	M6 Spring Washer	x6	9.	End Cap Front Right & Rear Left	x2
5.	M6 Hex Screw	x4	10.		



LEG AND BAR COMPONENTS SOLD SEPARATELY



FRONT & REAR TRACK KITS SOLD SEPARATELY



KIT CONTENTS - REAR TRACKS (see pages 6-11)

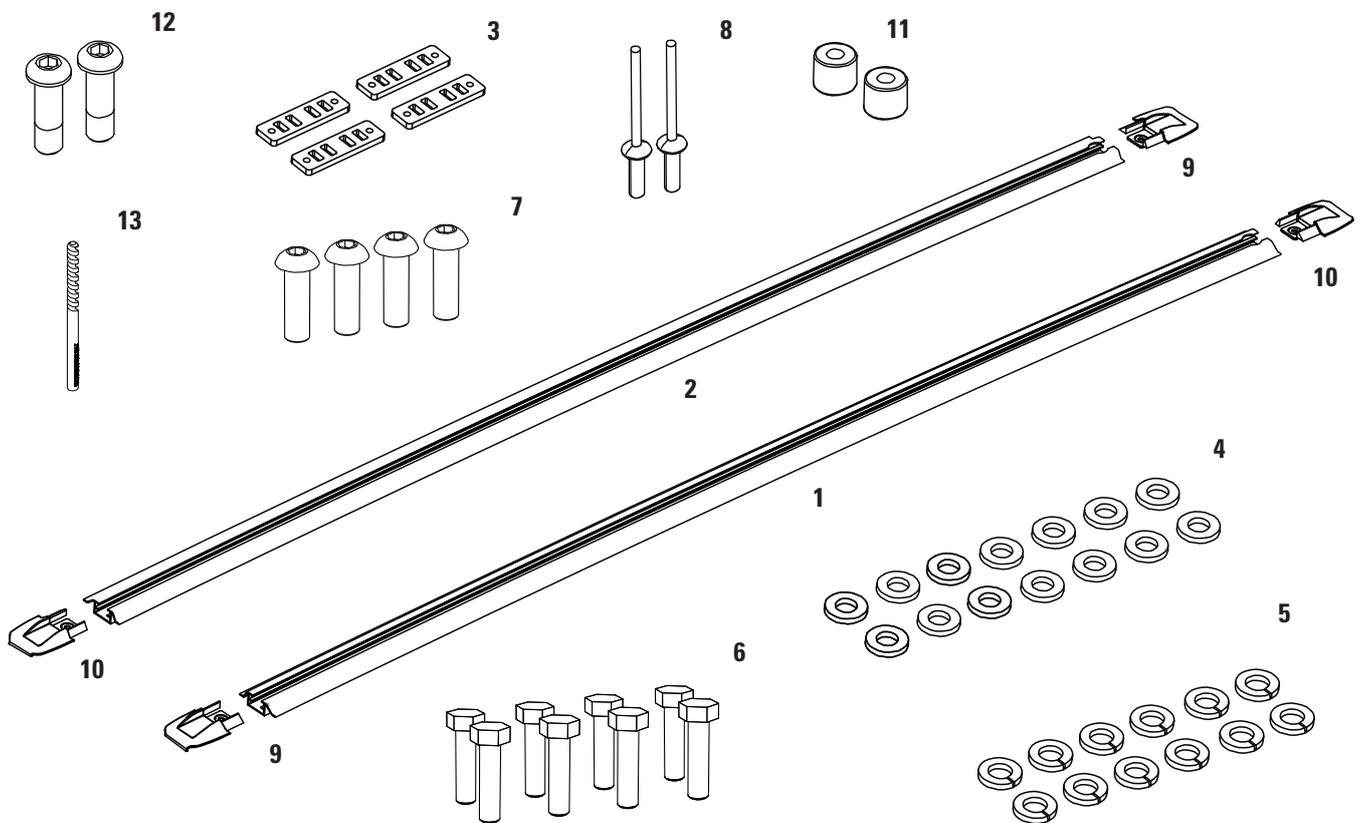
ITEM	COMPONENT	QTY	ITEM	COMPONENT	QTY
1.	Track Rear Land Rover Disco 3&4 RHS	x1	8.	Rivet 22mm	x2
2.	Track Rear Land Rover Disco 3&4 LHS	x1	9.	End Cap Front Left & Rear Right	x2
3.	Track Nut Plate	x4	10.	End Cap Front Right & Rear Left	x2
4.	M6 Washer	x14	11.	Mounting Boss	x2
5.	M6 Spring Washer	x12	12.	Button Head Capscrew with Loctite	x2
6.	M6 Hex Screw	x8	13.	Drill Bit 4.9mm	x1
7.	M6 Button Head Capscrew	x4			



LEG AND BAR COMPONENTS SOLD SEPARATELY



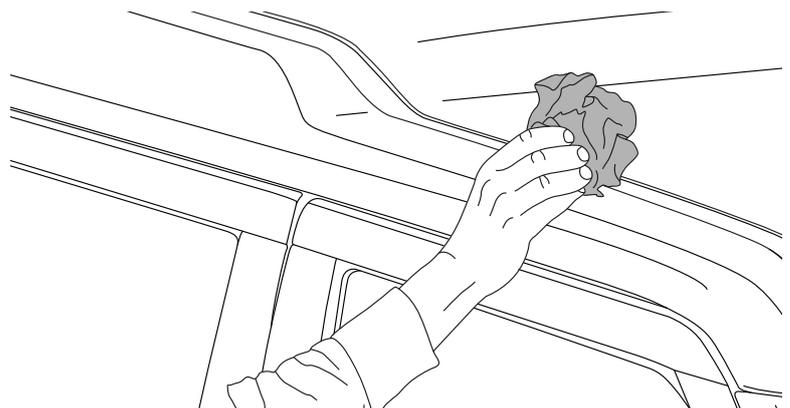
FRONT & REAR TRACK KITS SOLD SEPARATELY



BEFORE BEGINNING INSTALLATION

Clean roof thoroughly and allow to dry before beginning installation.

It is recommended to install one Track at a time.



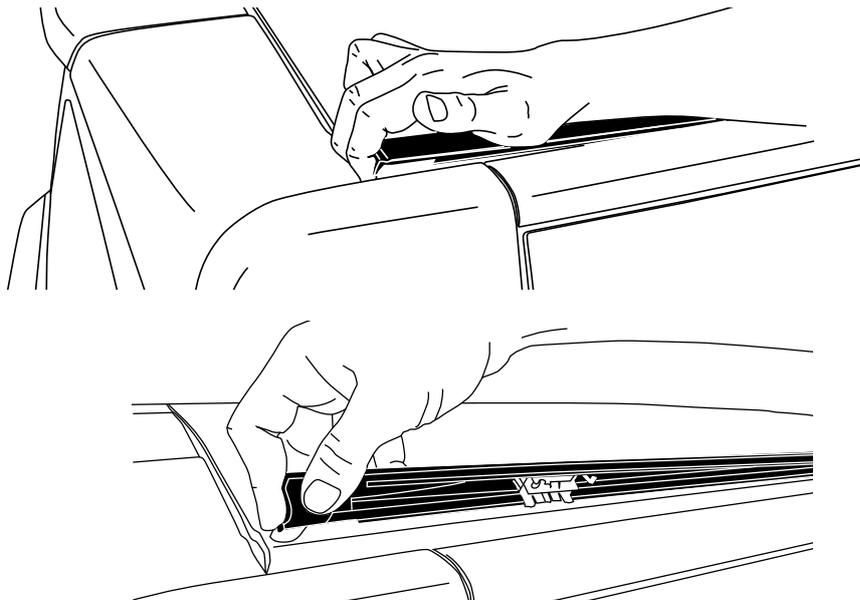
TRACK INSTALLATION - FRONT

1 REMOVE ROOF CHANNEL TRIM

Lift rubber roof trim up and outwards at rear of vehicle using fingers.

Gently twist trim to unhook plastic clips. Do not use excessive force as the clips could break.

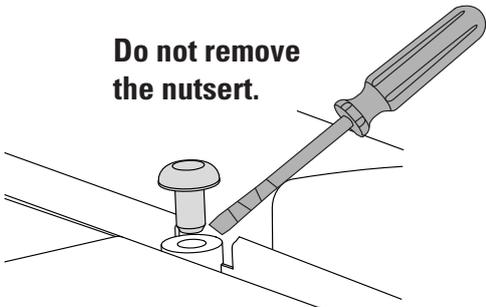
Store roof trim aside for use in Step 3.



2 REMOVE PLUGS

Using a Flat Blade Screwdriver (wrap tape around end of Screwdriver to prevent paint scratching if you should slip), lever out the front plastic plug in roof channel to expose nutsert.

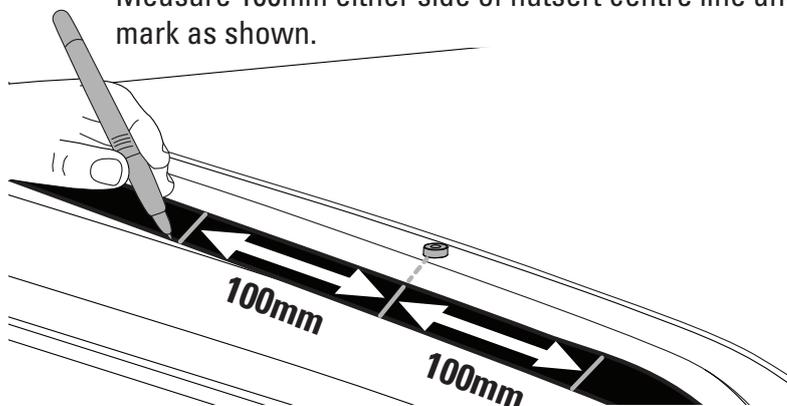
Do not remove the nutsert.



3 MEASURE ROOF CHANNEL TRIM

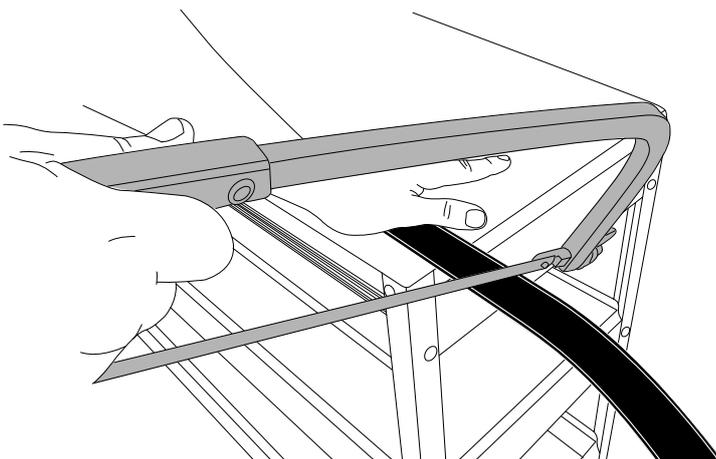
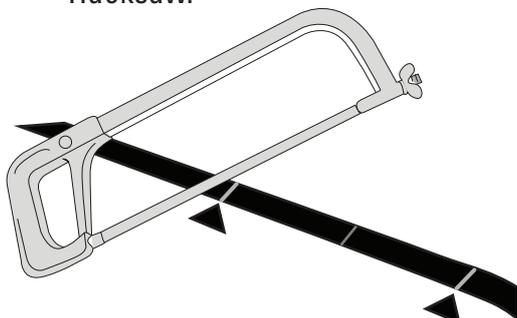
Lay roof trim removed in Step 1 next to roof channel, aligning the front of trim with windscreen edge. Using a pencil, mark the trim in line with the center of nutsert.

Measure 100mm either side of nutsert centre line and mark as shown.



4 CUT ROOF CHANNEL TRIM

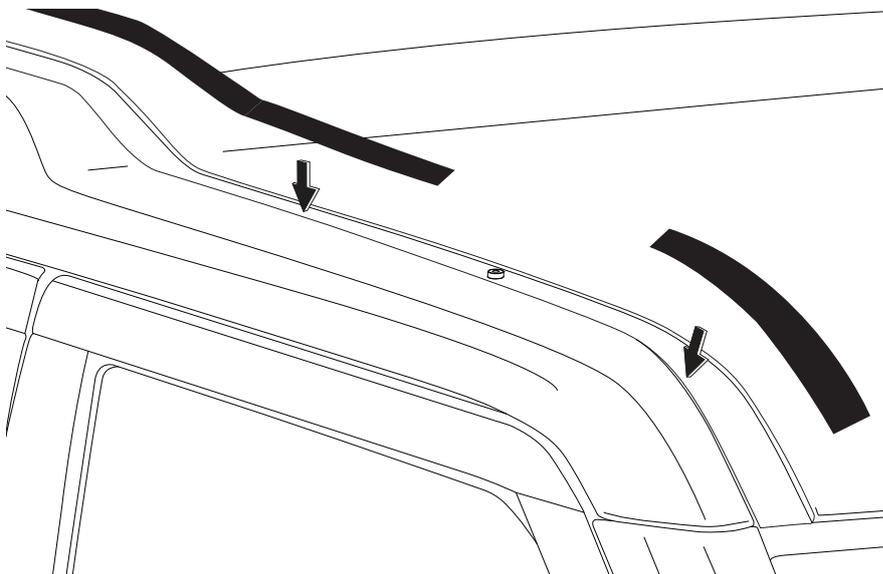
Remove trim from vehicle and cut the two outer marked lines using a Fine Tooth Hacksaw.



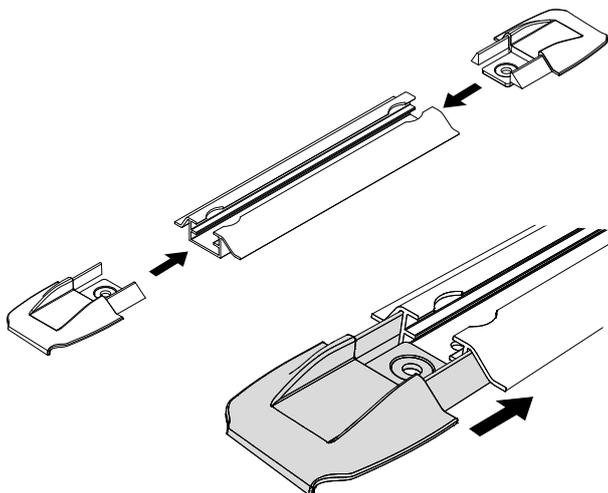
5**REFIT ROOF TRIM**

Return the two pieces of trim cut in the previous step back into roof channel as shown.

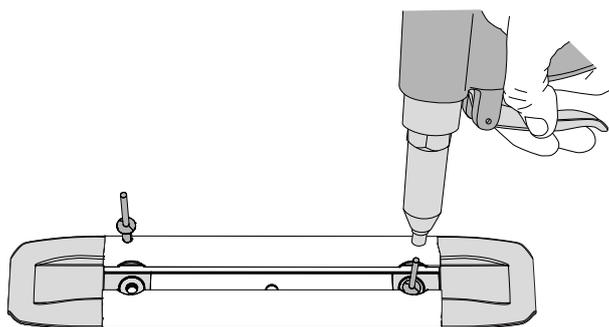
Ensure trim is hooked back onto the roof channel via the plastic clips.

**6****CONNECT END CAPS**

Insert End Caps into Track ends.

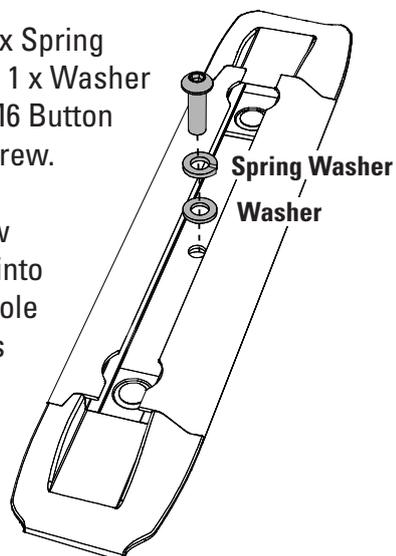
**7****RIVET END CAPS TO TRACK**

Insert the supplied Rivets through the two end holes on Track. Use a Rivet Gun to secure End Caps to Track.

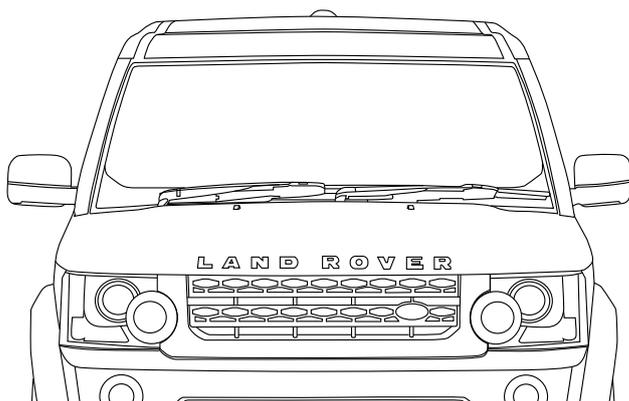
**8****ASSEMBLE AND INSERT SCREWS**

Assemble 1 x Spring Washer and 1 x Washer onto each M6 Button Head Capscrew.

Insert Screw assemblies into the centre hole on Tracks as shown.

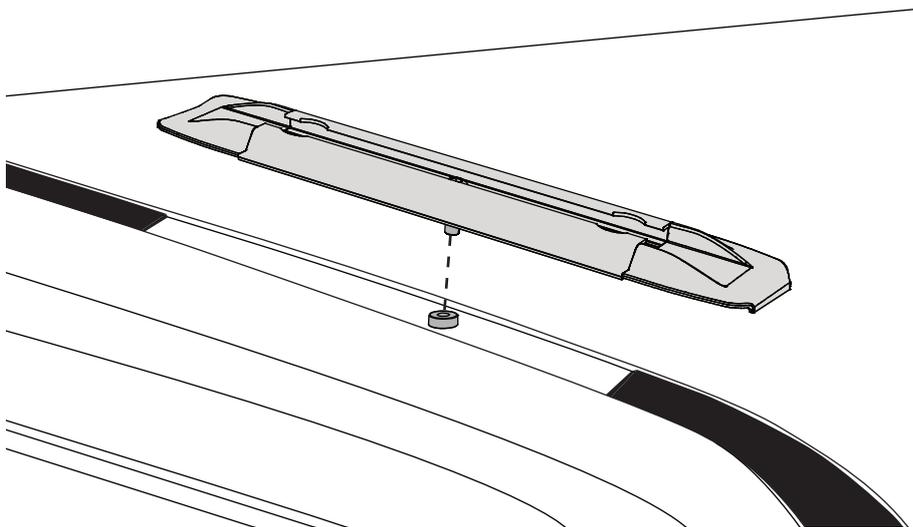
**9****TRACK ORIENTATION**

The **longest** side flange faces **outside** of vehicle as shown.

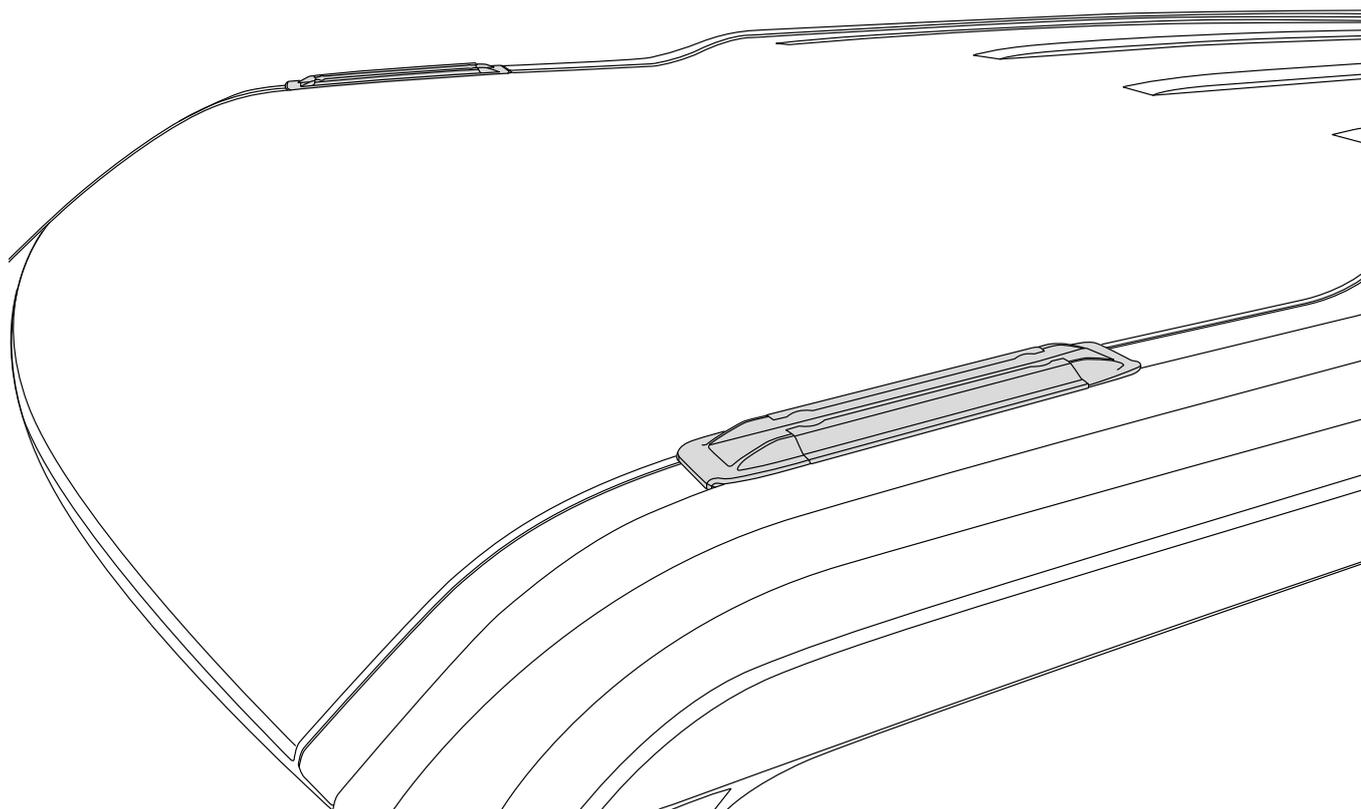


10**TRACK INSTALLATION**

Place Track into roof channel, ensuring Track orientation is correct as shown in the previous Step. Locate the Capscrew in centre of Track into the nutsert in roof channel. Tighten Capscrew to 4Nm using a 4mm Allen Key or a suitable Torque Wrench.

**11****FRONT TRACK INSTALLATION COMPLETE**

Check both Tracks are secured to the vehicle as per these installation instructions. For assistance contact your local Yakima dealer.



PLEASE SEE NEXT PAGE FOR REAR TRACK INSTALLATION

PLEASE SEE PAGES 11-15 FOR BAR INSTALLATION

TRACK INSTALLATION - REAR

BEFORE BEGINNING INSTALLATION

Clean roof thoroughly and allow to dry before beginning installation.

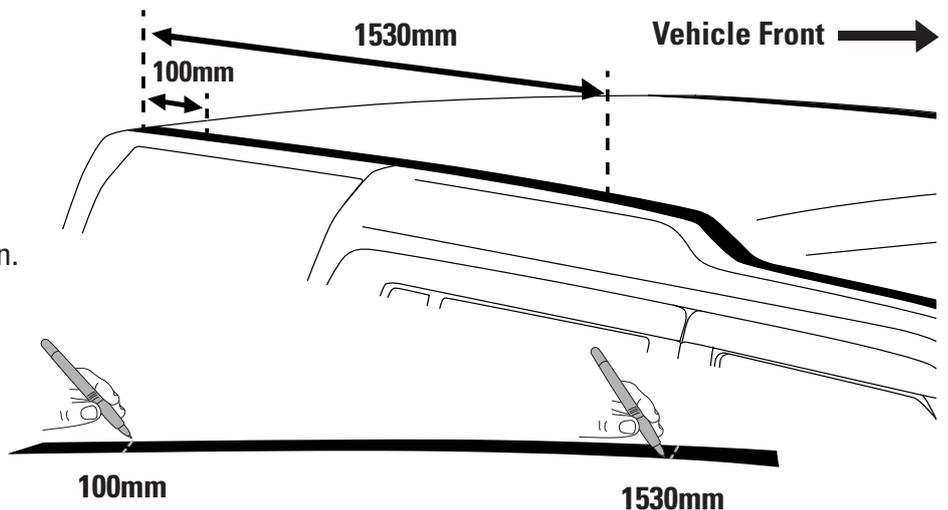
It is recommended to install one Track at a time.



1 MEASURE REAR ROOF CHANNEL TRIM

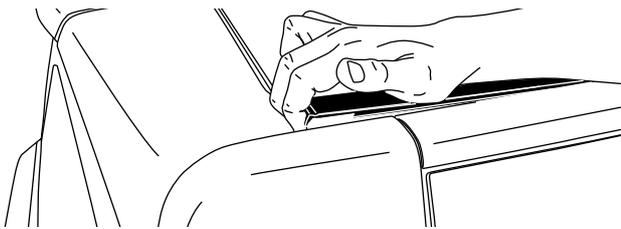
Using a Tape Measure, measure 1530mm forward from the edge of the rear roof channel trim as shown.

Record measurement lines on trim with a pencil at 1530mm and another at 100mm.



2 REMOVE ROOF CHANNEL TRIM

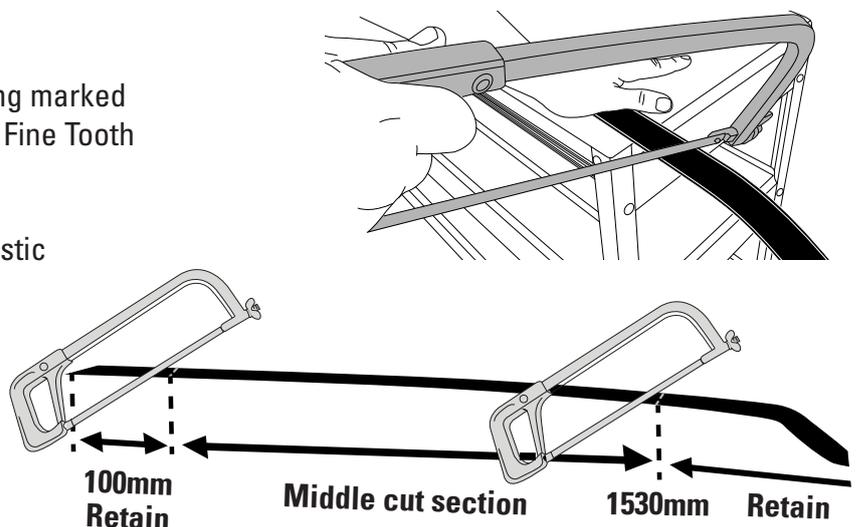
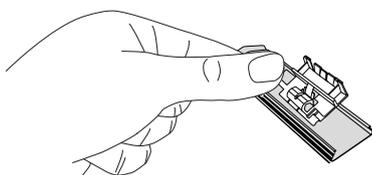
If rubber roof trim was not previously removed for the front Track installation, remove now. Lift rubber roof trim up and outwards at rear of vehicle using fingers. Gently twist trim to unhook plastic clips. Do not use excessive force as the clips could break.



3 CUT ROOF CHANNEL TRIM

Away from vehicle, cut trim along marked lines recorded in Step 1 using a Fine Tooth Hacksaw.

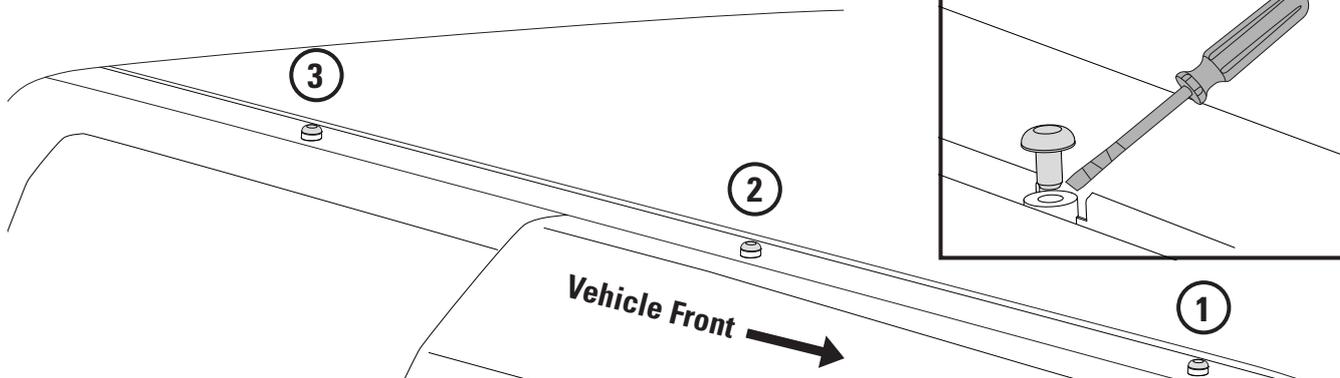
Store aside one of the white plastic clips from middle cut section of trim for later use in Step 13.



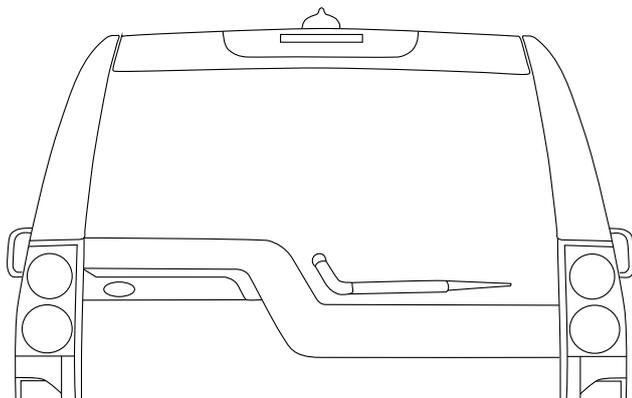
4**REMOVE PLUGS**

Using a Flat Blade Screwdriver (wrap tape around end of Screwdriver to prevent paint scratching if you should slip), lever out the 3 plastic plugs in each side of roof channel to expose nutserts.

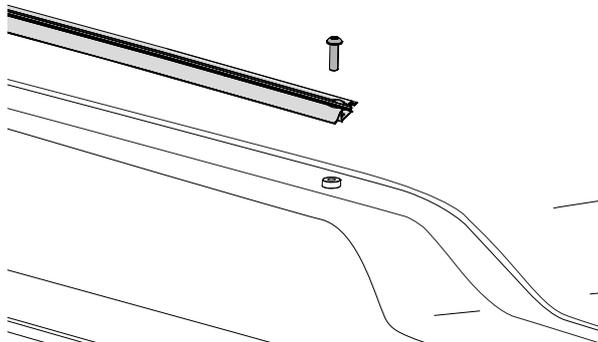
Do not remove the nutserts.

**5****TRACK ORIENTATION**

The **longest** side flange faces **outside** of vehicle as shown.

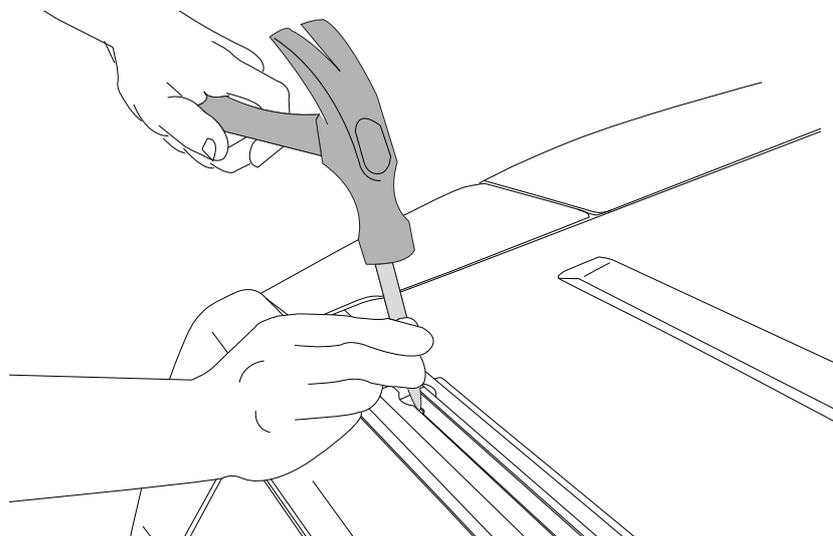
**6****PLACE TRACK**

Taking note of the Track orientation shown in the previous Step, fasten the Track to nutsert ① in roof channel via the **front track hole** using 1 x M6 Button Head Capscrew. Finger tighten screw.

**7****CENTRE PUNCH REAR RIVET POSITION**

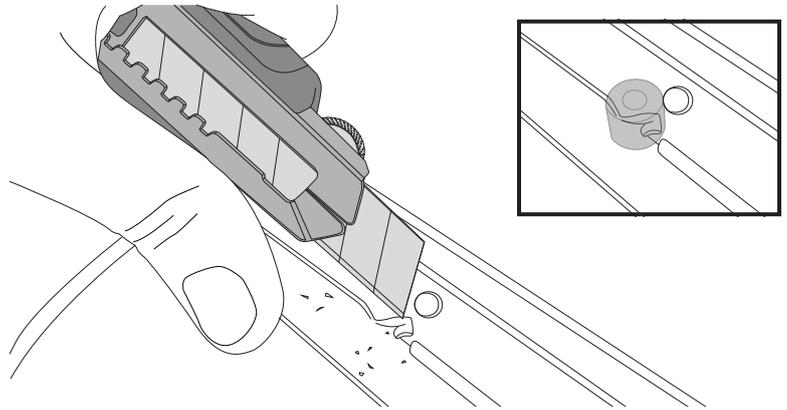
With the Track in place, use a Centre Punch to gently mark the rear rivet position.

Remove Track.

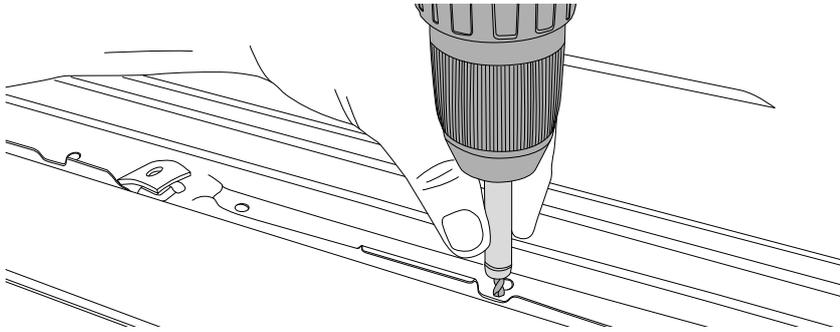


8**REVEAL REAR RIVET FIXING POINT**

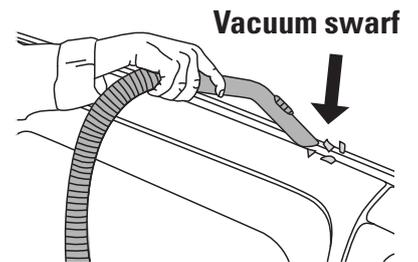
The rear rivet fixing point is covered with sealant. Use a sharp tool to scrape away enough seal so that Mounting Boss can seat correctly.

**9****DRILL ROOF**

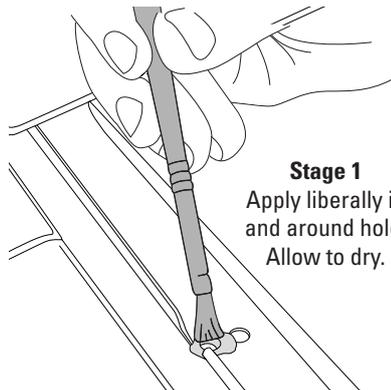
Using supplied 4.9mm Drill Bit and a Drill Stop, carefully drill through the roof channel at the marked location. **Only drill enough to just break through roof skin.** Ensure a drilling angle perpendicular to the roof surface is maintained throughout.

**10****REMOVE SWARF**

Avoid scratching and pushing swarf into the newly drilled hole by removing swarf from roof channel with a Vacuum Cleaner.

**11****APPLY PROTECTIVE SEALANTS****Stage 1**

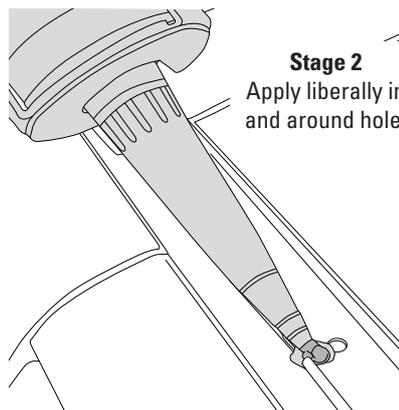
Liberaly apply a Zinc Rich Cold Galvanising Solution to the inside surface and surrounds of the drilled hole. Allow solution to become touch dry before proceeding with Stage 2 (approx. 10 min depending on product used).



Stage 1
Apply liberally in and around hole.
Allow to dry.

Stage 2

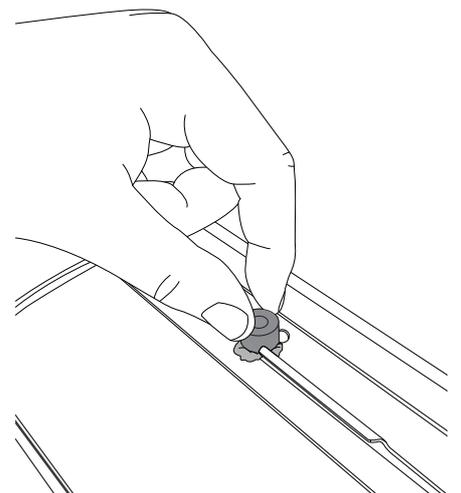
Liberaly apply a Mastic Silicone Sealant to the inside surface and surrounds of hole.



Stage 2
Apply liberally in and around hole.

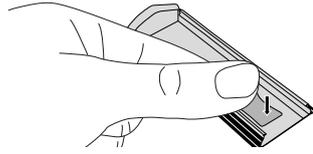
12**POSITION MOUNTING BOSS**

While Mastic Silicone Sealant is still wet, position Mounting Boss on top of seal over drilled hole as shown.

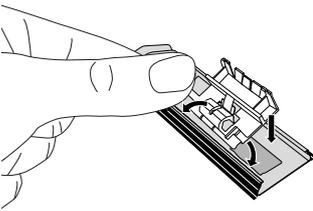
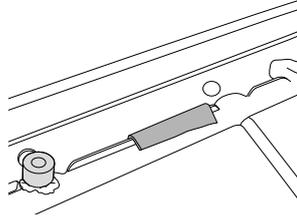


13 ATTACH PLASTIC CLIP TO REAR SMALL TRIM

Apply Double Sided Tape to the underside of small rear trim piece cut in Step 3, and to the fin of roof channel as pictured.



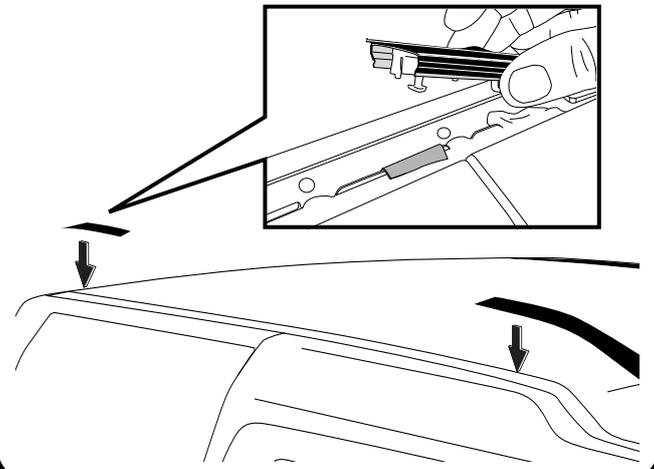
Attach one of the white plastic roof trim clips removed in Step 3 to the Doubled Sided Tape on underside of trim as shown.



14 REFIT ROOF TRIM

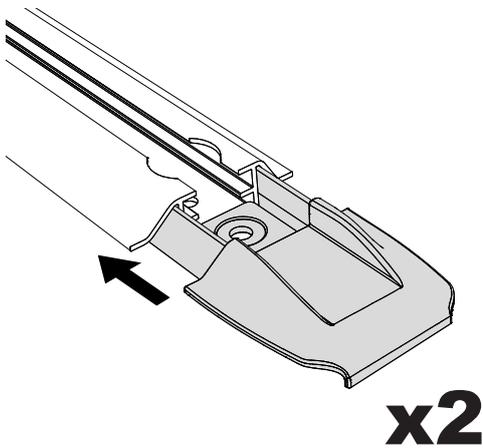
Return the two pieces of trim cut in Step 3 back into roof channel as shown.

Ensure trim is hooked back onto the roof channel via the plastic clips.



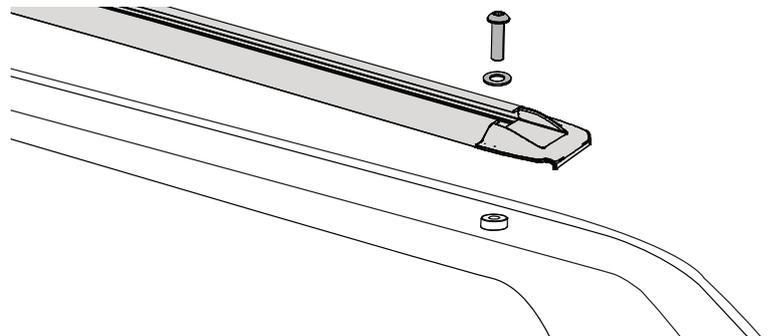
15 CONNECT END CAPS

Insert End Caps into both Track ends.



16 SECURE FRONT END CAP

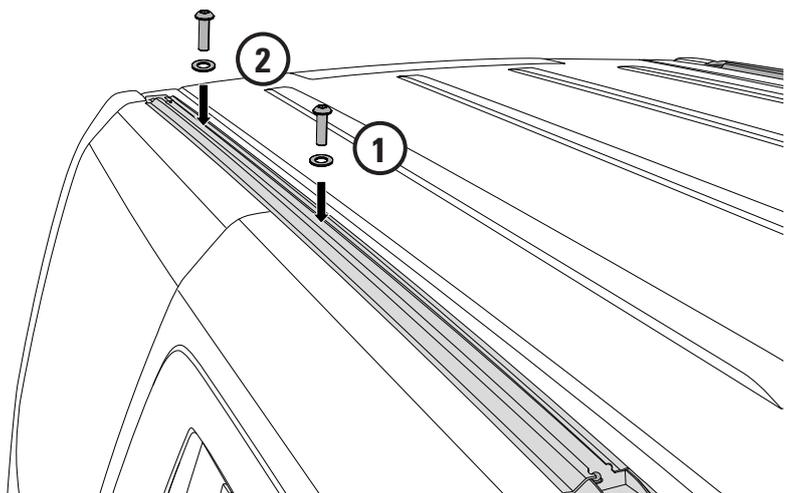
Taking note of the Track orientation shown in Step 5, fasten the Track to the front nutsert in roof channel through the front facing End Cap hole using 1 x M6 Washer and 1 x M6 Button Head Capscrew. Finger tighten screw.



17 ALIGN AND SECURE TRACK IN ROOF CHANNEL

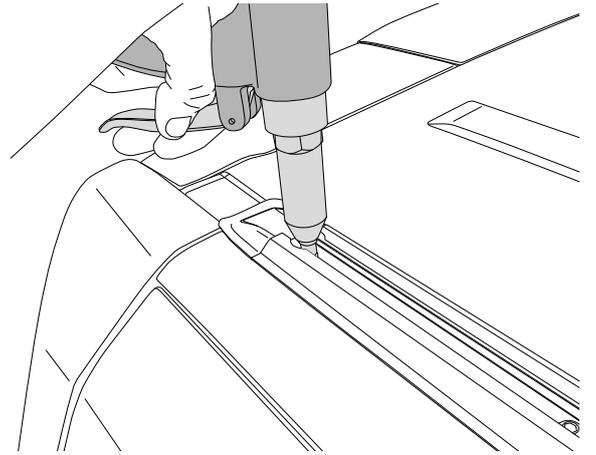
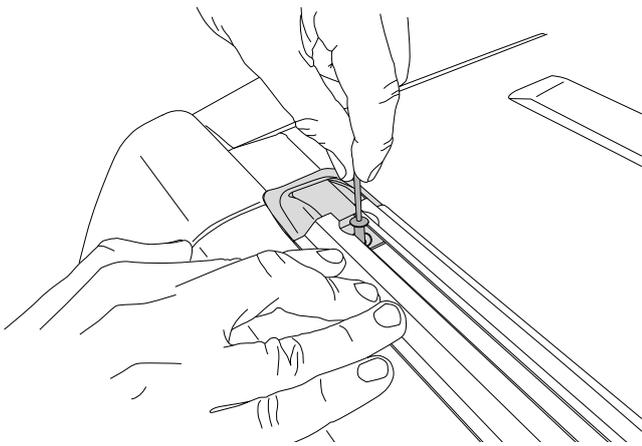
Align Track in roof channel by inserting the two remaining M6 Washer and Button Head Capscrew assemblies into the middle hole and then the rear hole as shown.

Tighten all **three** Capscrews to 4Nm using a 4mm Allen Key or a suitable Torque Wrench.

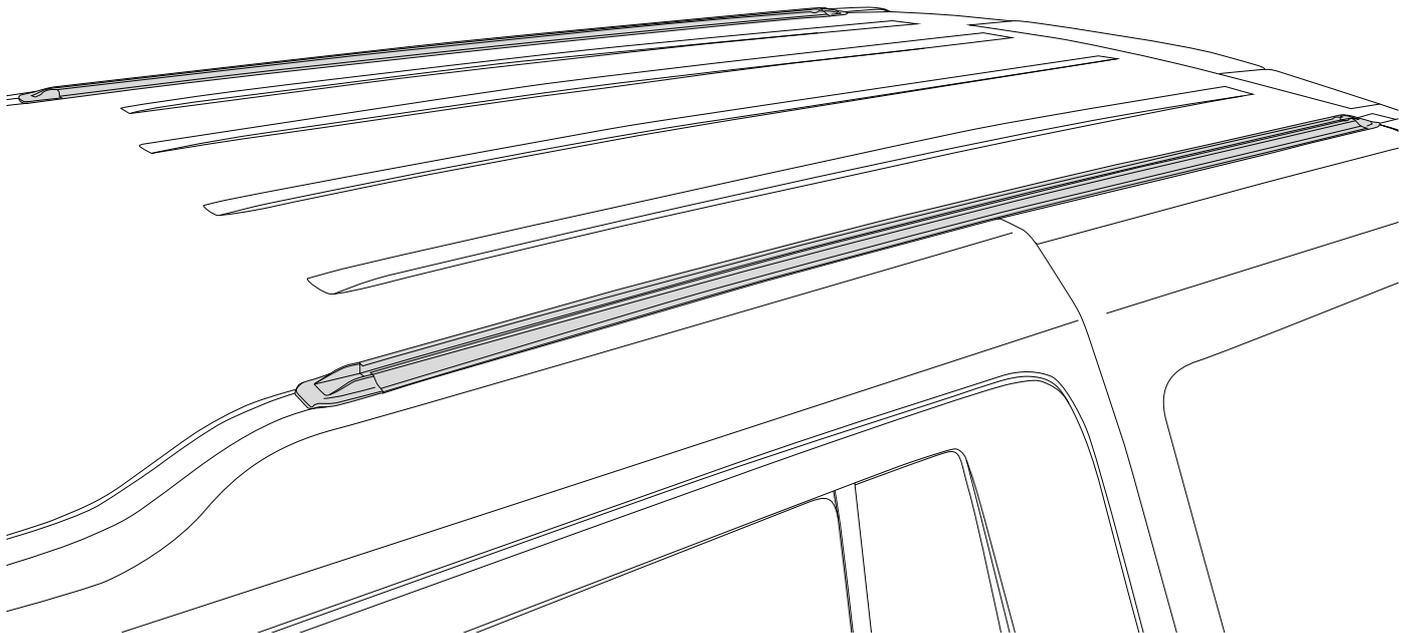


18**RIVET REAR OF TRACK AND END CAP**

Align rear of Track by inserting a Rivet through End Cap and Track into the previously drilled hole. Secure using a Rivet Gun.

**19****TRACK INSTALLATION COMPLETE**

Check both Tracks are secured to the vehicle as per these installation instructions. For assistance contact your local Yakima dealer.

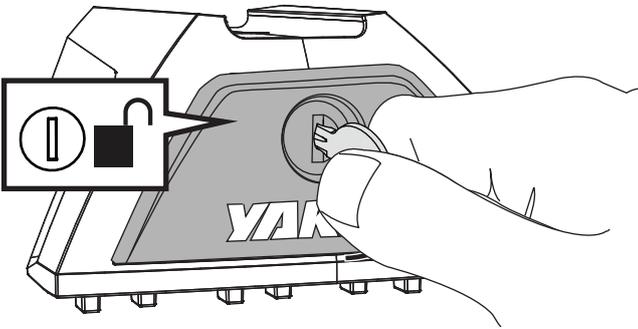


PLEASE SEE NEXT PAGES FOR BAR INSTALLATION

BAR INSTALLATION

1 REMOVE LEG COVERS

Using the keys supplied in the LOCKN'LOAD Leg Kit (sold separately), remove all Leg Covers.



2

Apply a high strength (red) thread locking compound* to the first half of thread on each M8 Set Screw 16mm.

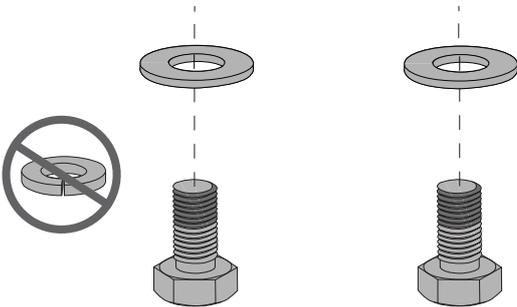


*Thread locking compound not supplied.

3

Assemble 1 x M8 Washer onto each M8 Set Screw 16mm (with thread locking compound applied).

The spring washers supplied in the kit do not need to be used.

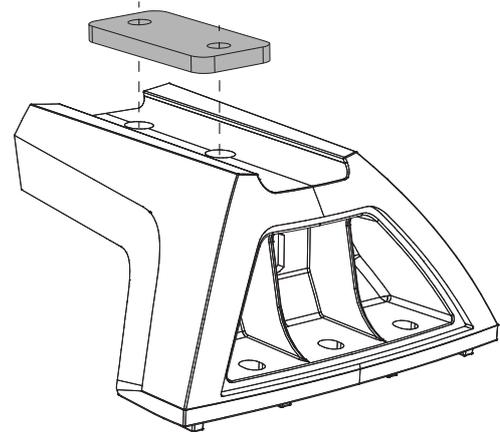


Complete the next steps as soon as possible, before thread locking compound cures. Refer to thread locking compound's specification for curing time.

4

LEG ASSEMBLY

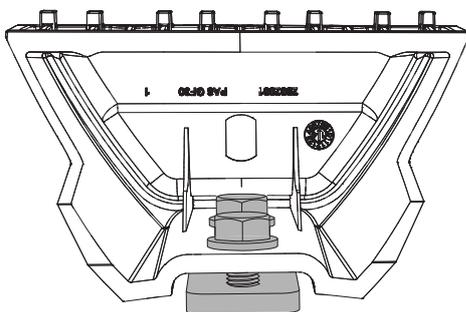
From the LOCKN'LOAD Leg Kit, position Nut Plates over holes on top of Legs.



5

Loosely finger tighten Nut Plates to Legs as shown using the screw+washer assemblies from the previous step.

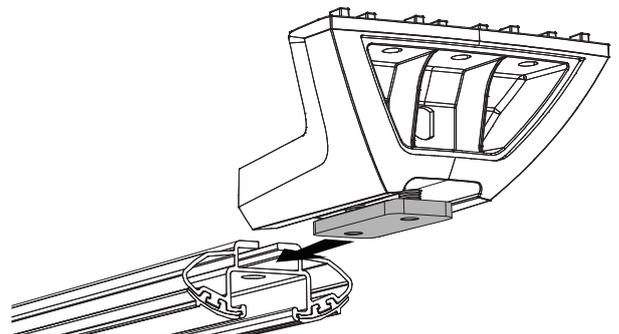
For the next step, ensure there is a sufficient gap between the Nut Plates and Legs.



6

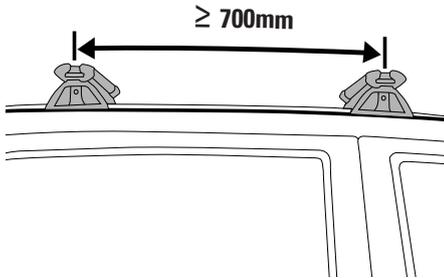
INSERT LEGS

Slide Leg assemblies into the underside channel of LOCKN'LOAD Bars (sold separately). If Leg assemblies will not slide in, loosen Screws to increase gap.

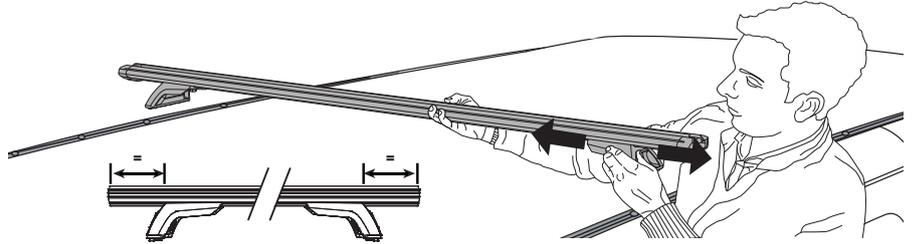


7**BAR LOCATION**

IMPORTANT: Before beginning Bar installation, identify where along the Track you want the Rear Bars fitted. We recommend a minimum of 700mm between Bars.

**8****BAR PLACEMENT**

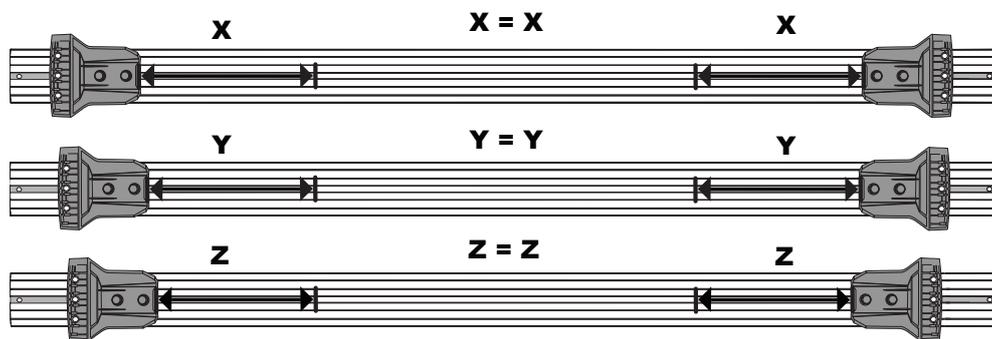
Carefully place a Bar assembly over Track. **Take care not to damage vehicle.** Slide Legs along Bar until both legs are securely positioned within Track. Use a Tape Measure to ensure even Bar overhang on each side, re-adjust if required. Finger tighten one Screw on each Leg to secure Leg position along Bar. Repeat process for remaining bar assemblies then carefully remove Bars from vehicle.



NOTE - Bars require individual adjustment due to tapered roof. Bars must be installed perpendicular to Tracks.

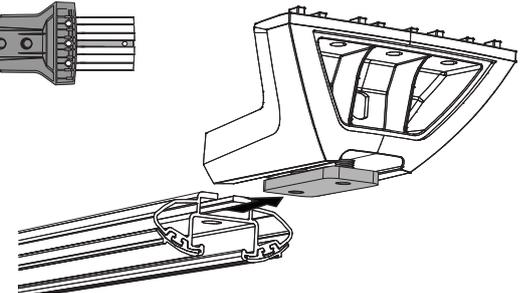
9**CHECK BAR SLOT MEASUREMENTS**

Using a Tape Measure, record Leg to underside slot distance of each bar in the table (right). Ensure measurement is taken from the centre of the Legs as shown. The ends of each bar should be the same measurement respectively, if not, repeat Step 8.

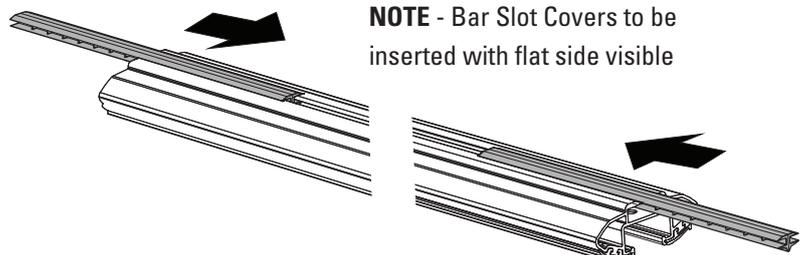
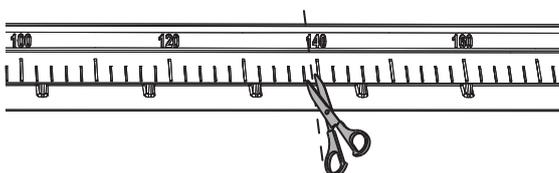


BAR SLOT MEASUREMENTS	
Bar 1 (X)	_____ mm x2
Bar 2 (Y)	_____ mm x2
Bar 3 (Z)	_____ mm x2

Remove Legs from Bar once equal measurement is obtained and recorded. Loosen the previously finger tightened screw on each leg, keeping Nut Plate and Screw assemblies in place as shown.

**10****BAR SLOT COVERS**

Cut Bar Slot Covers as per measurements recorded in the table above and insert into underside channel of Bar ends as shown.

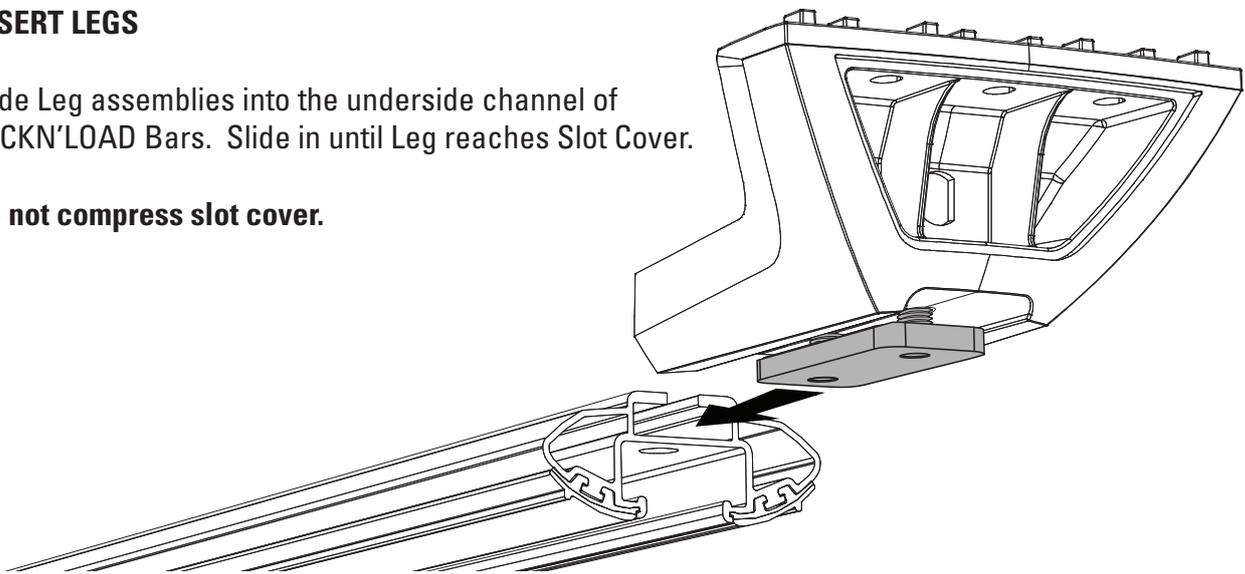


NOTE - Bar Slot Covers to be inserted with flat side visible

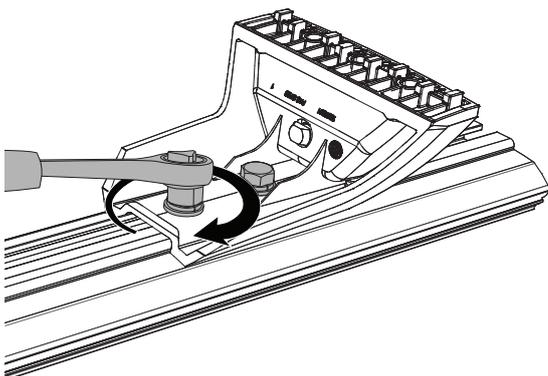
11**INSERT LEGS**

Slide Leg assemblies into the underside channel of LOCKN'LOAD Bars. Slide in until Leg reaches Slot Cover.

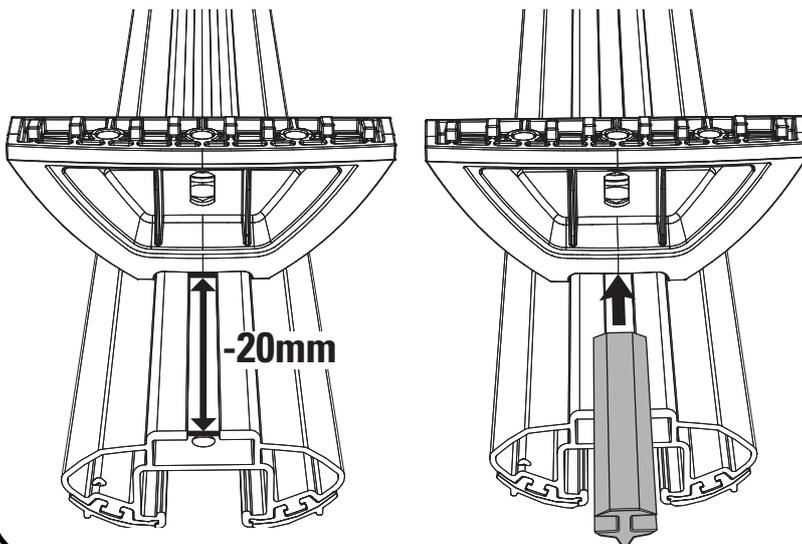
Do not compress slot cover.

**12****SECURE LEGS TO BARS**

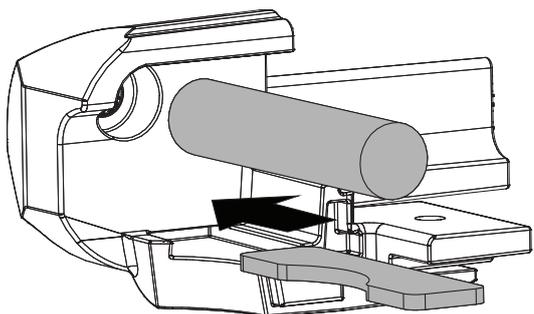
Tighten all M8 Set Screws to 7Nm using a 13mm Socket Wrench.

**13****BAR SLOT COVERS (OUTSIDE LEG)**

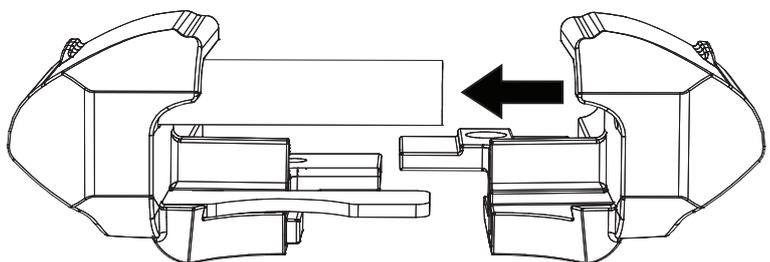
Measure the Bar channel outside of the Legs and subtract 20mm from this measurement. Using the remaining pieces of Slot Cover from Step 10, cut to this length and insert into the underside channel of each Bar end as shown.

**14****END CAP ASSEMBLY**

From the LOCKN'LOAD Leg Kit, insert Bottle Openers and Pins into the End Cap Halves.

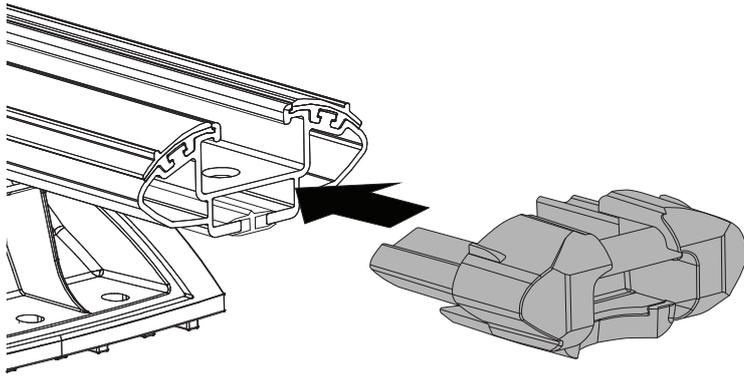
**15**

Connect all End Cap Halves together.

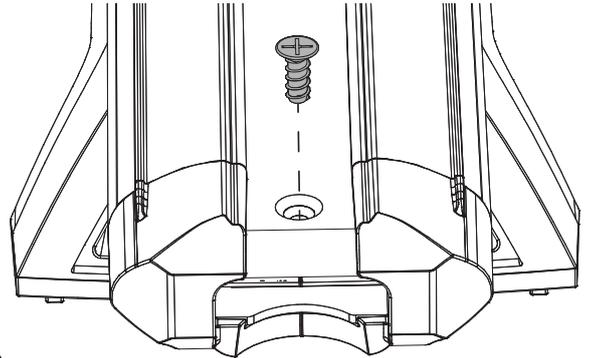


16**SECURE END CAPS TO BARS**

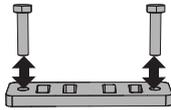
Insert the End Caps as shown. A Rubber Mallet can be used to assist installation.

**17**

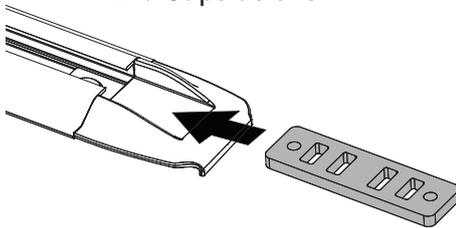
Secure using Plastite Screw (from LOCKN'LOAD Leg Kit). Tighten using a #2 Phillips Head Screwdriver.

**18****INSERT NUT PLATES**

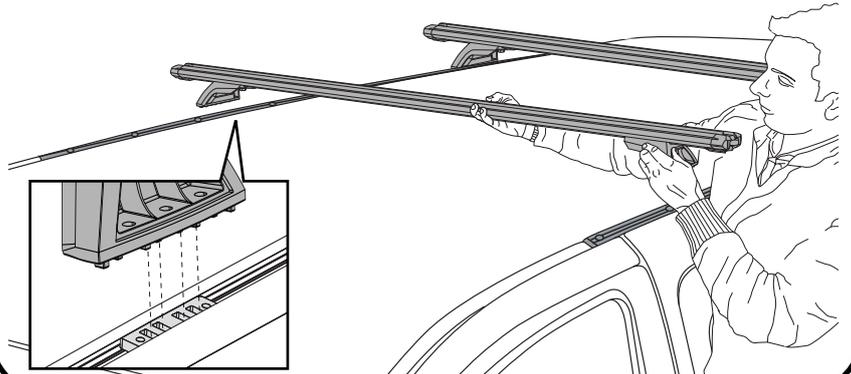
Run all M6 Hex Screws through Nut Plates to remove burrs.



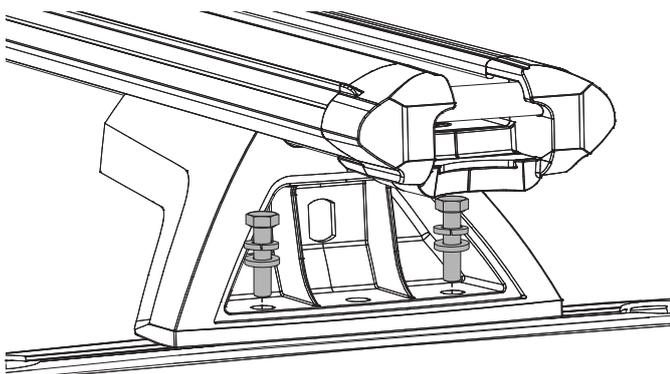
Insert one (1) Nut Plate into each Front Track, and two (2) Nut Plates into each Rear Track via the End Caps as shown.

**19****BAR FITMENT**

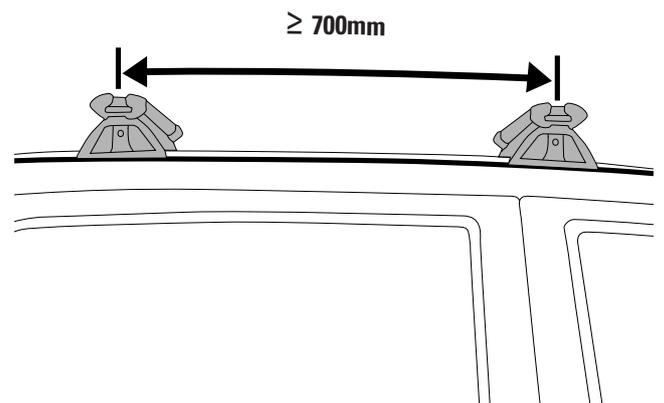
Slide Nut Plates within Track into position for front and rear Bar placement (it doesn't have to be exact). Place Bar assembly onto Tracks, carefully locating the four central raised notches on base of Legs into the cut outs on Nut Plates as shown. **Take care not to damage vehicle.** Repeat for remaining Bars.

**20****SECURE BARS TO TRACKS**

From the LOCKN'LOAD Track Kit, assemble 1 x M6 Spring Washer and 1 x M6 Washer onto each M6 Hex Screw as shown. Insert through the outer holes on Legs into Nut Plate as shown. Finger tighten Screws.

**21**

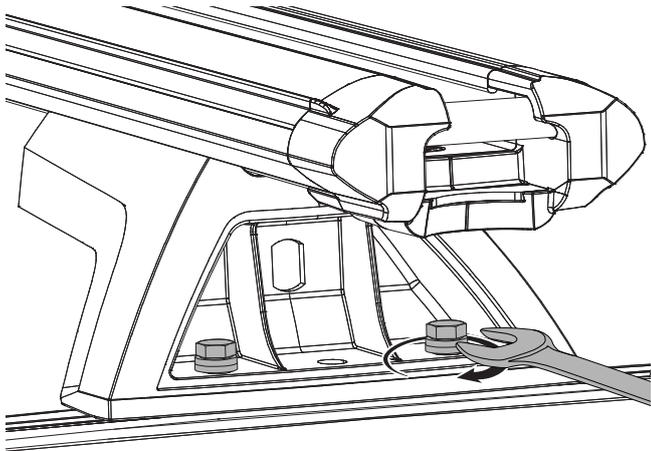
Position Bars along Tracks as required, ensuring there is a minimum distance of 700mm between each Bar. Measure from the centre of each Leg as shown.



22

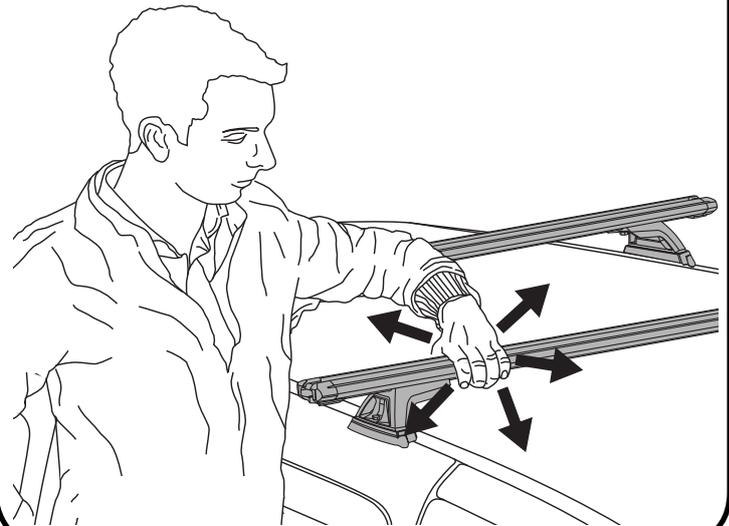
Tighten all M6 Hex Screws to 5Nm using a 10mm Open Ended Spanner

Do not over tighten.

**23**

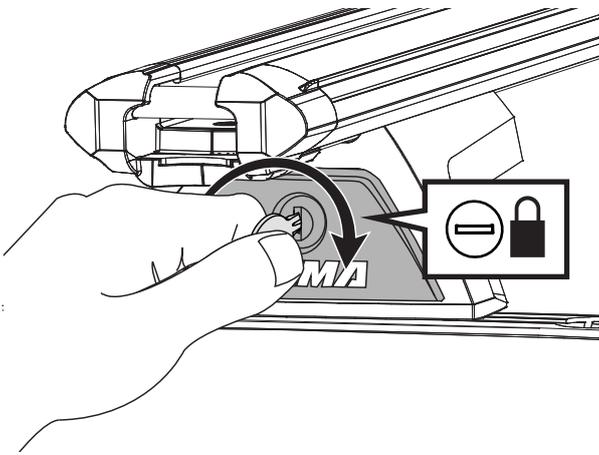
CHECK BAR LEGS ARE SECURE

Check all Bar Legs are secure.

**24**

FIT LEG COVERS

Using the keys and Covers supplied in the LOCKN'LOAD Leg Kit, fit and lock all Leg Covers.

**25**

BAR KEYS

Place one key on the vehicle key ring and put the other away safely, or store with the spare vehicle key.

Write the key number (which is stamped on the key) in the box provided. Replacement keys are available from Yakima stockists, visit www.yakima.com.au or www.yakima.co.nz to find your nearest store or contact us directly on 1800 143 548 (AU) or 0800 4776 722 (NZ).

Key Number:
