



LockNLoad™ Track Mounting Kit

MITSUBISHI TRITON MQ/MR DUAL CAB 2015+
TRACK MOUNT HEAVY DUTY ROOF RACK SYSTEM

MAX VEHICLE ROOF LOAD RATING: 100 KG

TOTAL LOAD EQUALS WEIGHT OF ROOF RACKS + ACCESSORIES + CARGO

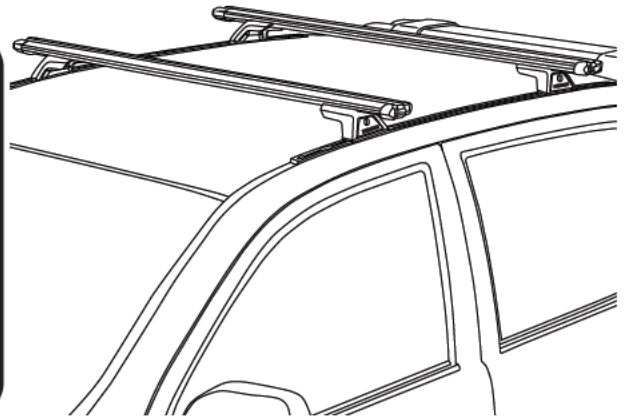
FIRST TIME INSTALLATION

- 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 LockNLoad Track Heavy Duty Roof Rack System.
- Place these instructions in the vehicle's glove box after installation is complete.



TOOLS REQUIRED:

- Pencil
- Scissors
- Tape Measure
- Masking Tape
- Rivet Gun
- Drill Bit Stop
- Vacuum Cleaner
- #2 Phillips Head Screwdriver
- Zinc Rich Cold Galvanising Coating
- Power or Cordless Drill
- 10 mm Open Ended Spanner
- 13 mm Socket or Spanner
- Rubber Mallet (Optional)
- Flat Head Screw Driver
- Mastic Silicone Sealant

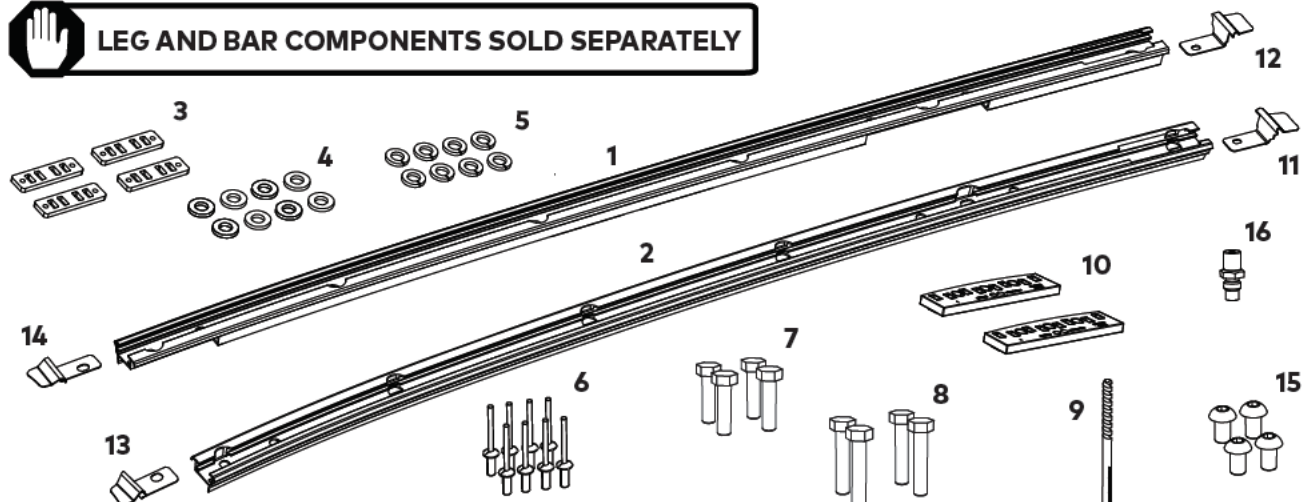


KIT CONTENTS

ITEM	COMPONENT	QTY	ITEM	COMPONENT	QTY
1.	Track Mts. Triton MQ/MR 15+ Right Hand Side	x1	9.	4.9 mm Drill Bit	x1
2.	Track Mts. Triton MQ/MR 15+ Left Hand Side	x1	10.	LockNLoad Height Packer	x2
3.	Track Nut Plate	x4	11.	End Cap Rear Left	x1
4.	M6 Washer	x8	12.	End Cap Rear Right	x1
5.	M6 Spring Washer	x8	13.	End Cap Front Left	x1
6.	Rivet	x8	14.	End Cap Front Right	x1
7.	M6 Hex Screw 20 mm	x4	15.	M8 Button Head Capscrew	x4
8.	M6 Hex Screw 30 mm	x4	16.	Rivet Gun Nozzle	x1



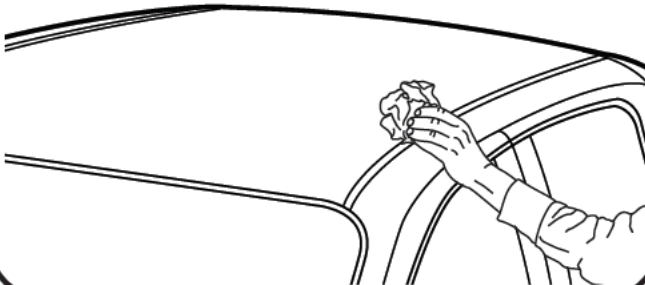
LEG AND BAR COMPONENTS SOLD SEPARATELY



TRACK INSTALLATION

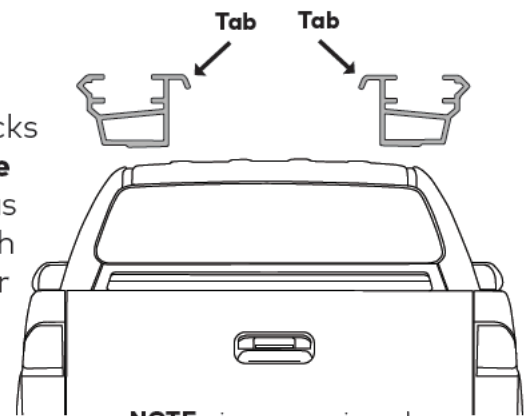
1 BEFORE BEGINNING INSTALLATION

Clean roof thoroughly and allow to dry before beginning installation.



2 TRACK ORIENTATION

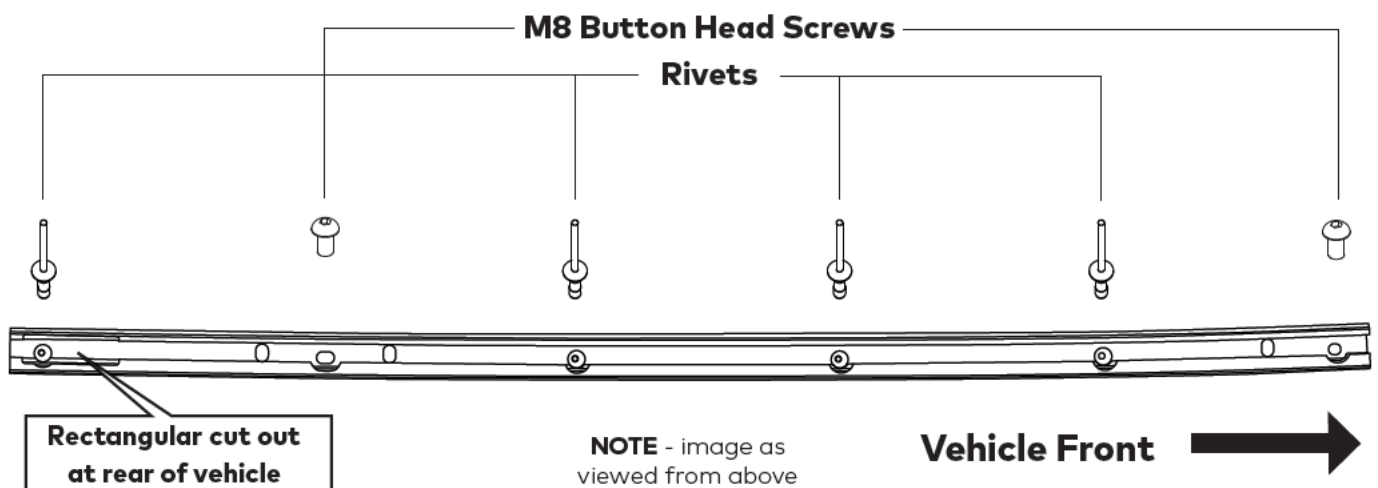
The tab on side of Tracks faces **inside of vehicle** as shown, with rectangular cut outs at rear of vehicle.



NOTE - image as viewed from rear of vehicle

3 TRACK SET-UP

It is recommended to completely install one track at a time.



4 REMOVE RUBBER ROOF TRIM

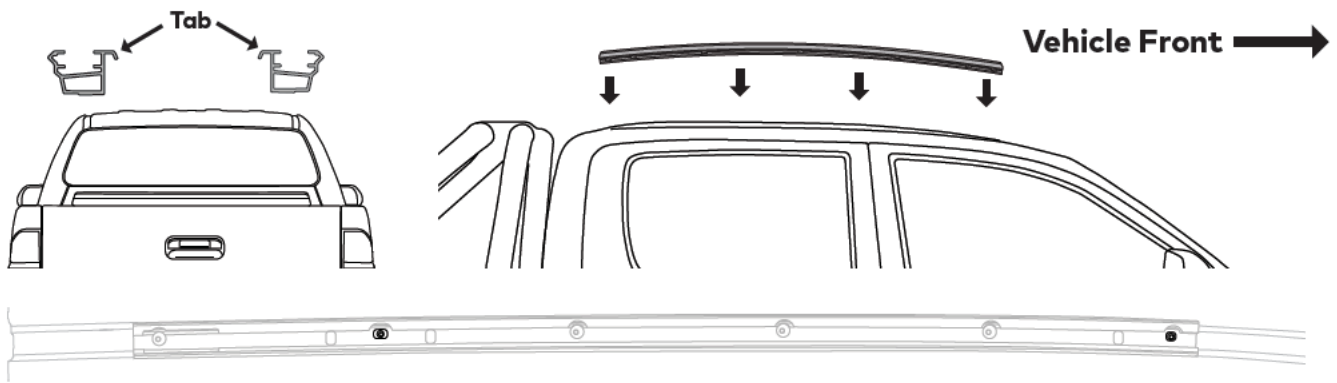
Gently lever the rubber roof channel trim with a Flat Head Screwdriver (wrap tape around end of Screwdriver to prevent paint scratching). Then using fingertips pull upwards and unhook trim from metal clips in roof channel.

Store channel trim in a safe location for use in Step 11.



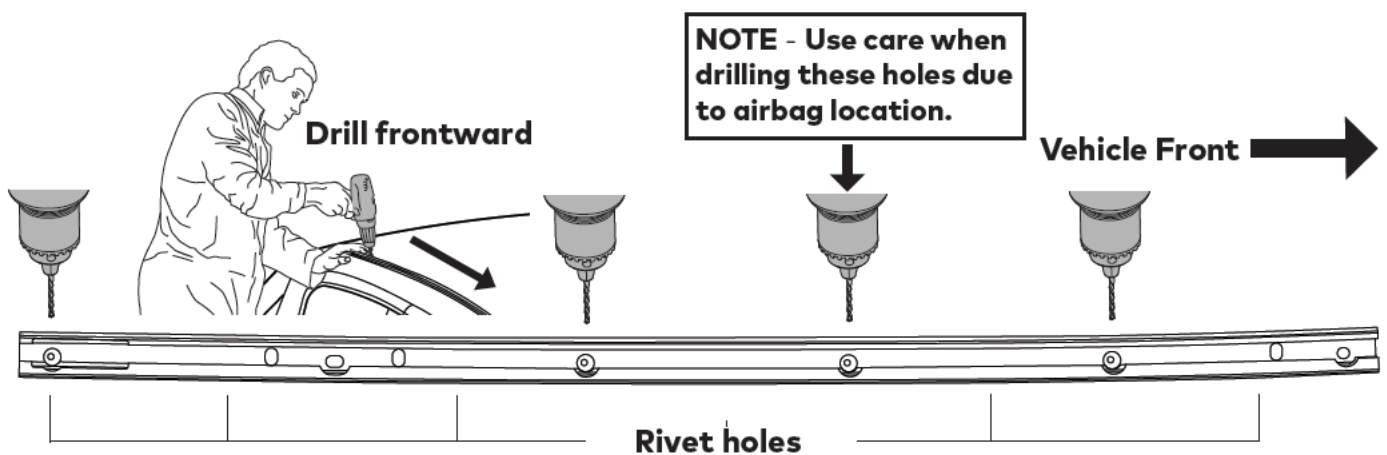
5 ALIGN AND SECURE TRACK

Place Track into roof channel, ensuring Track orientation is correct as shown. Align the Track to the front bolt hole. Check the rear bolt hole is visible through the slot.



6 SPOT DRILL RIVET HOLES

Using the supplied 4.9 mm Drill Bit, spot drill all rivet holes as shown below. **Start from the rear of the vehicle working consecutively frontward.** Ensure the Track does not move during this process by maintaining downward pressure on the Track while spot drilling holes. The help of an assistant will be required. Once complete, remove Track taking care not to scratch vehicle.



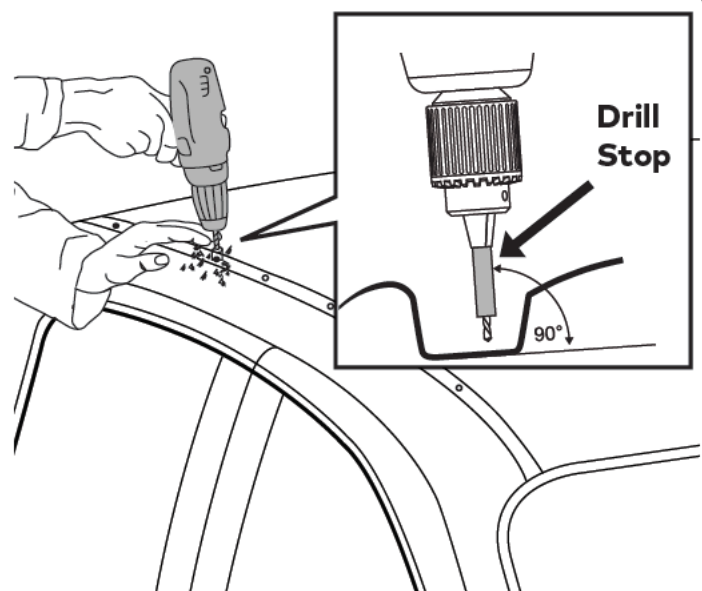
NOTE - image as viewed from above

7 DRILL ROOF CHANNEL

All rivet holes can now be carefully drilled through.

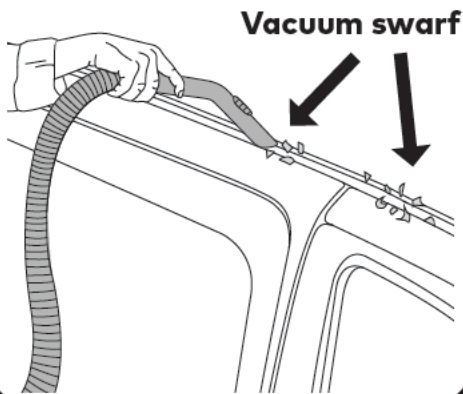
To avoid drilling into roof lining a drill stop must be set at 3 mm. Ensure that a drilling angle perpendicular to the roof angle is maintained.

If a complete hole is not established, increase the drill stop length in 1 mm increments until a complete hole is formed at each location. The drill bit should only just break through into the roof cavity.



8**REMOVE SWARF**

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

**9****APPLY PROTECTIVE SEALANTS****Stage 1**

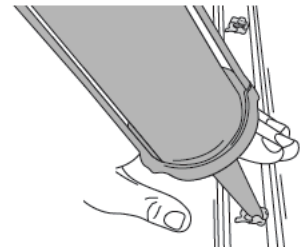
Liberal apply a Zinc Rich Cold Galvanising Solution to the inside surface and surrounds of each drilled hole. Allow solution to become touch dry before proceeding with Stage 2 (approx. 10 min depending on product used).

Stage 2

Liberal apply a Mastic Silicone Sealant to the inside surface and surrounds of each hole, including the threaded M8 mounting holes.

**Stage 1**

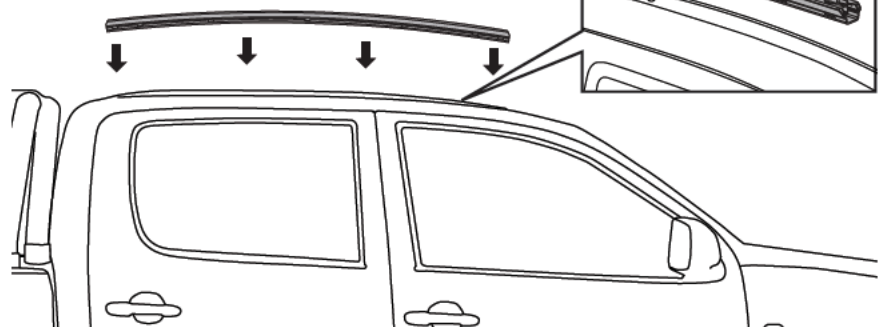
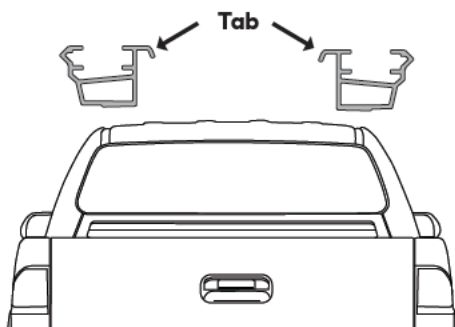
Apply liberally in and around holes. Allow to dry.

**Stage 2**

Apply liberally in and around holes.

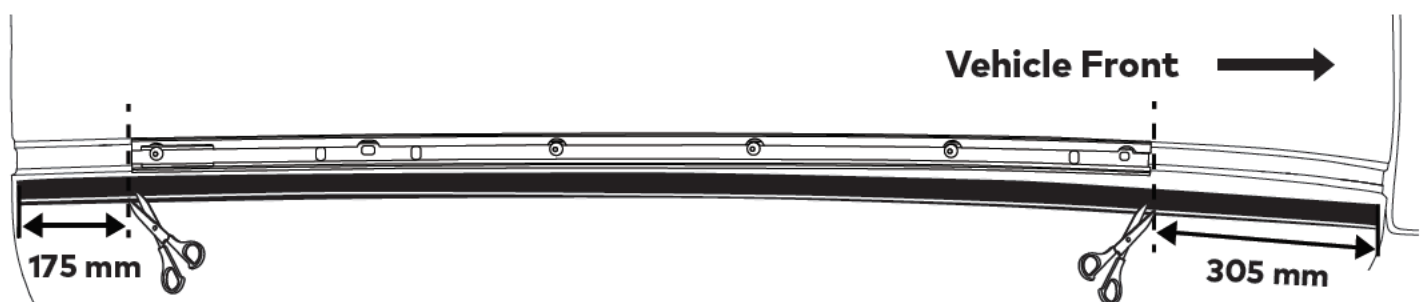
10**PLACE TRACK BACK INTO ROOF CHANNEL**

Accurately place Tracks over drilled holes in roof channel, ensuring Track orientation is correct as shown.

**11****CUT AND REFIT ROOF TRIM**

To conceal exposed roof channel at front and rear of Tracks, cut to length the original roof trim removed in Step 4. Using a tape measure and scissors, measure and cut 305 mm from the front end of roof trim and 175 mm from the rear end of roof trim as shown

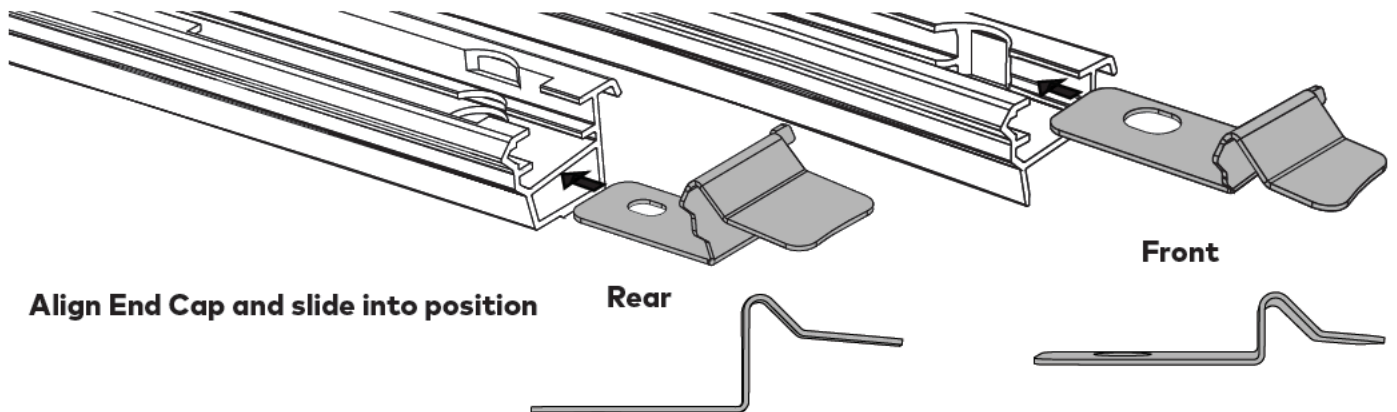
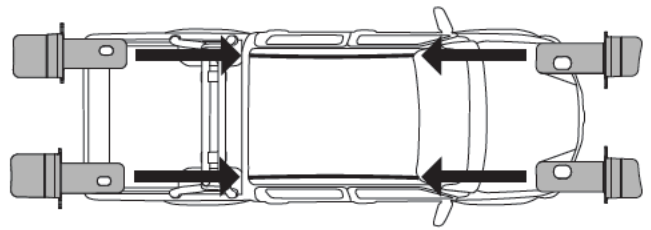
Re-fit trim pieces, attaching to metal clips in roof channel.



12

END CAP FITMENT

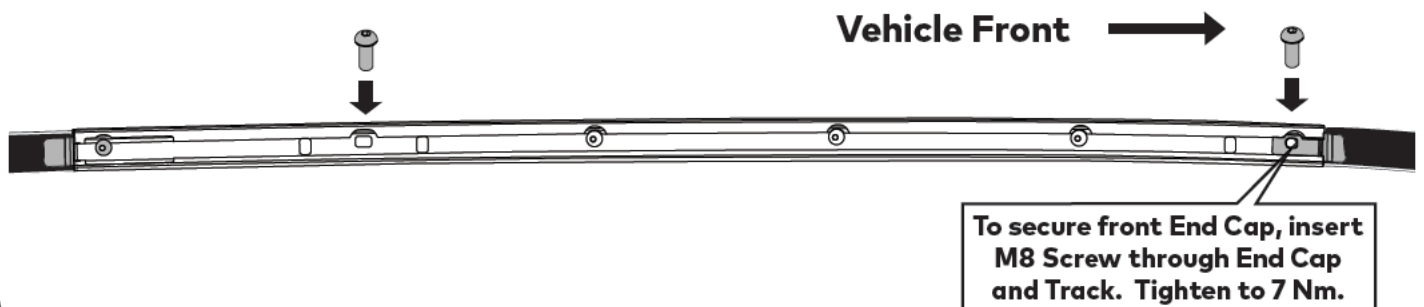
Assemble End Caps within Tracks as shown, ensuring that the end caps match the end profile of Track.



13

INSTALL M8 SCREWS

Insert M8 Button Head Capscrew into each of the M8 Screw holes through Track as shown. Tighten to 7 Nm.

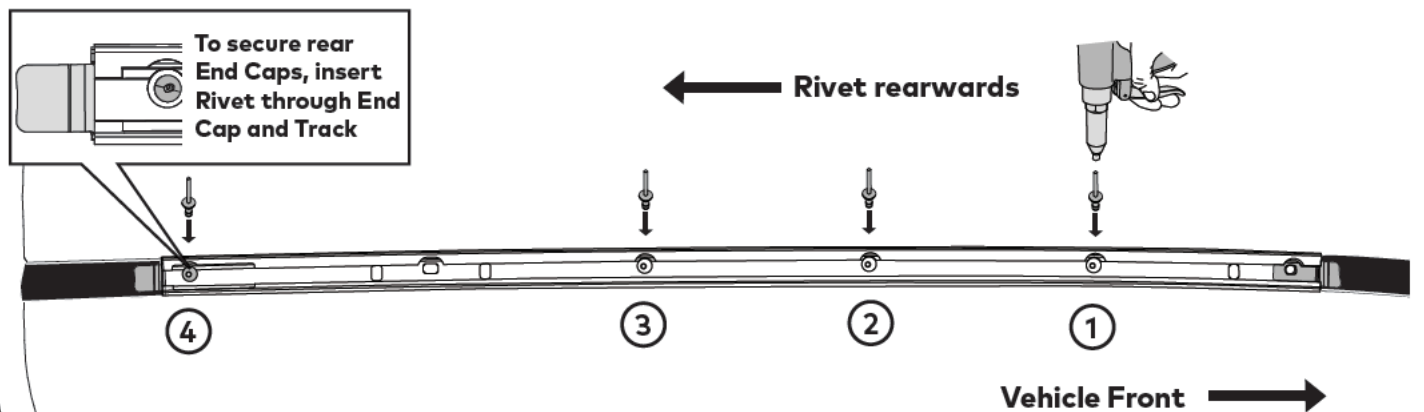


14

TRACK INSTALLATION

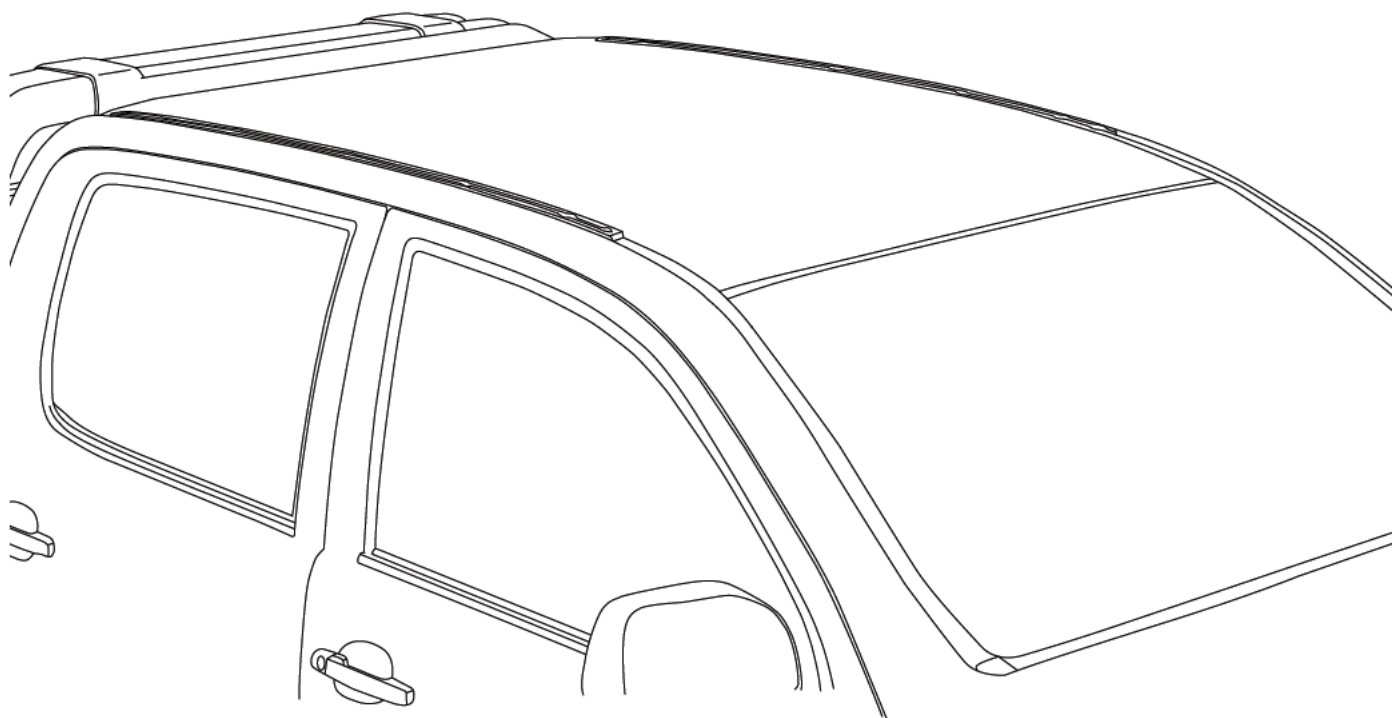
Align Track and secure End Caps by inserting all Rivets in their respective holes through Track into roof channel.

Using a Rivet Gun, activate each Rivet starting from the front of the vehicle working consecutively rearwards as shown.



15**TRACK INSTALLATION COMPLETE**

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



IF INSTALLING LockNLoad ROOF RACKS, CONTINUE ON STEP 16

IF INSTALLING LockNLoad PLATFORM, NOW SWITCH TO YOUR PLATFORM INSTRUCTIONS

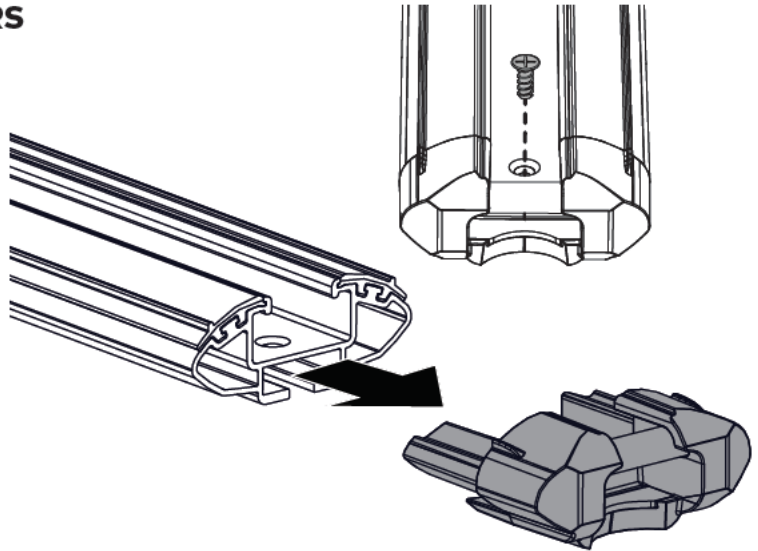
BAR INSTALLATION

16

REMOVE END CAPS FROM BARS

From the LockNLoad Bar Kit (sold separately), remove Plastite Screw from each Bar end using a #2 Phillips Head Screwdriver and pull out End Caps from Bars.

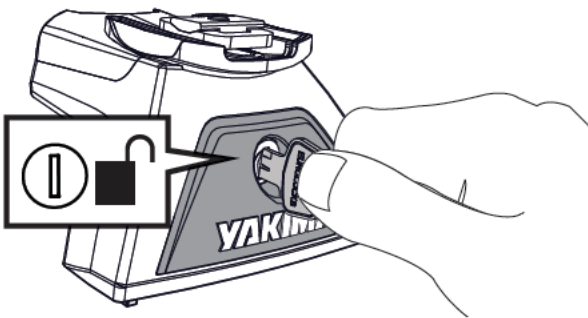
Keep all parts aside for later installation.



17

REMOVE LEG COVERS

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

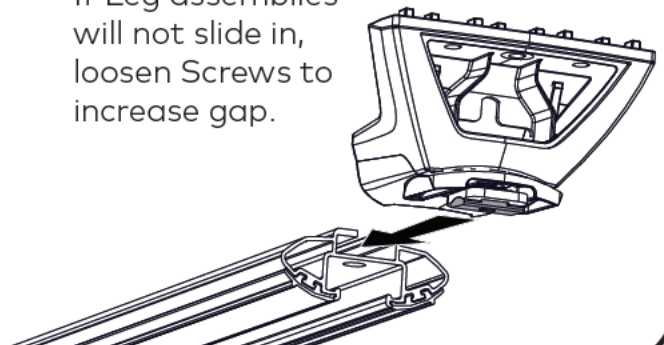


18

INSERT LEGS

Slide the pre-assembled Leg assemblies into the underside channel of LockNLoad Bars.

If Leg assemblies will not slide in, loosen Screws to increase gap.

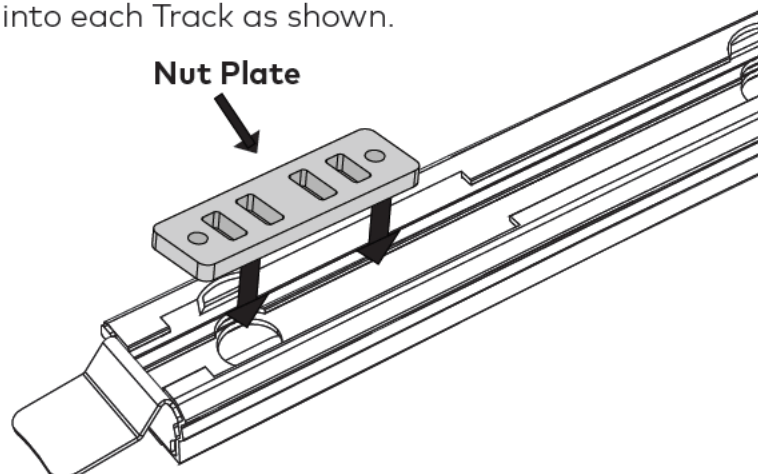
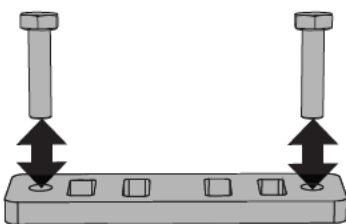


19

INSERT NUT PLATES

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

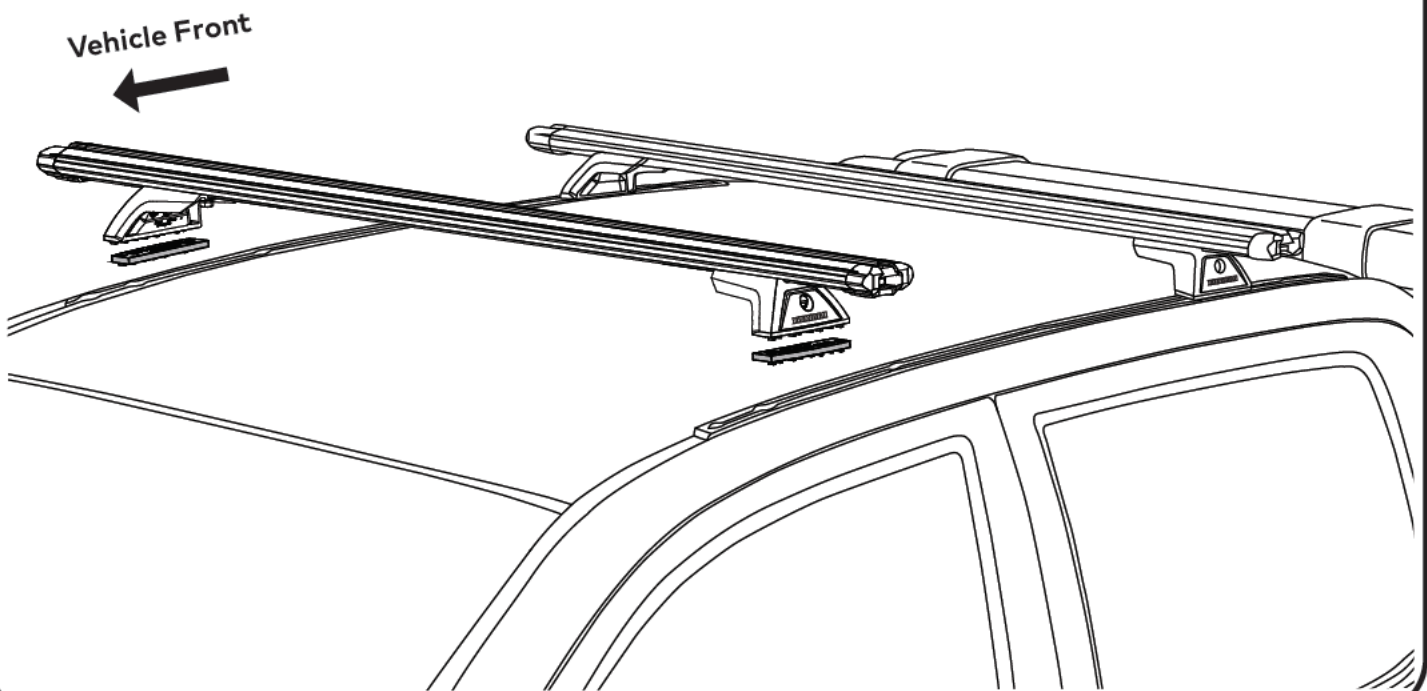
Insert two (2) Nut Plates into each Track as shown.



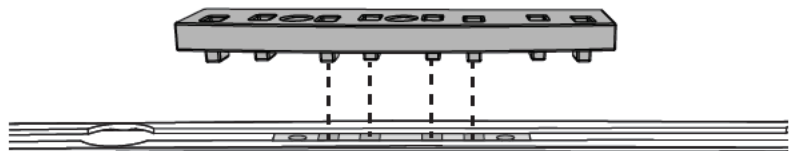
20**HEIGHT PACKER SET-UP**

Height Packers are required to level the front Bar on the vehicle roof.

The front Bar requires 1 x Height Packer on each leg as shown.

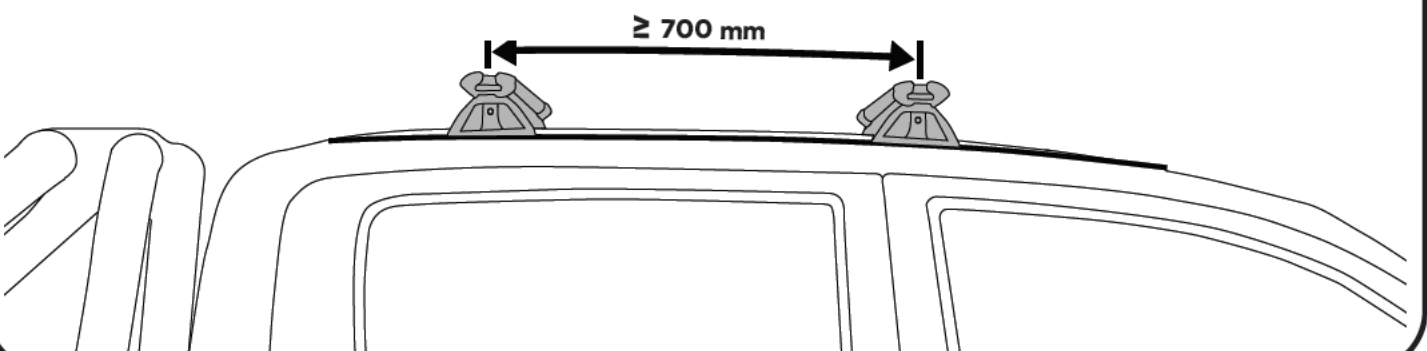
**21****HEIGHT PACKER FITMENT**

Fit Height Packers on top of Nut Plates, locating the four central raised Notches on base of Height Packers into the cut outs on Nut Plates as shown.

**22****BAR LOCATION**

IMPORTANT: Before beginning Bar installation, identify where along the Track you want the Front and Rear Bars fitted.

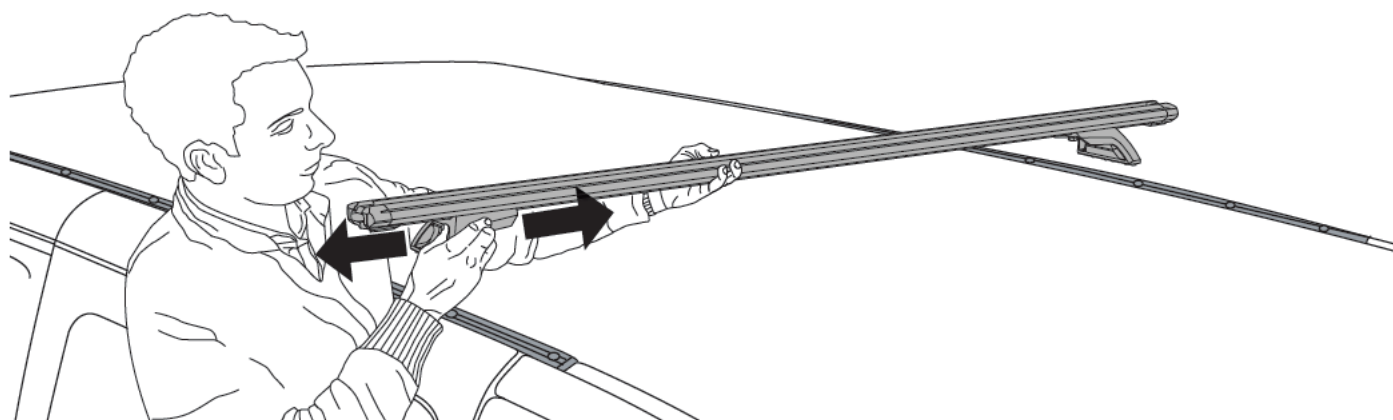
We recommend a minimum of 700 mm between Bars.



23

BAR PLACEMENT

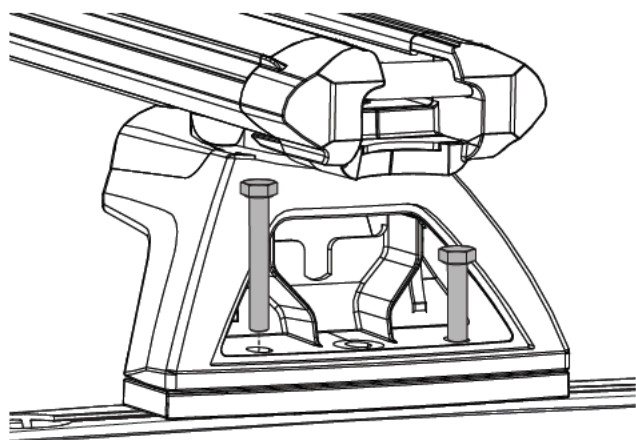
Carefully place front Bar assembly over Height Packers, ensuring spacing is correct as shown in the previous Step. **Take care not to damage vehicle.** Position Legs along Bar until both legs are securely positioned on Height Packers within Track.



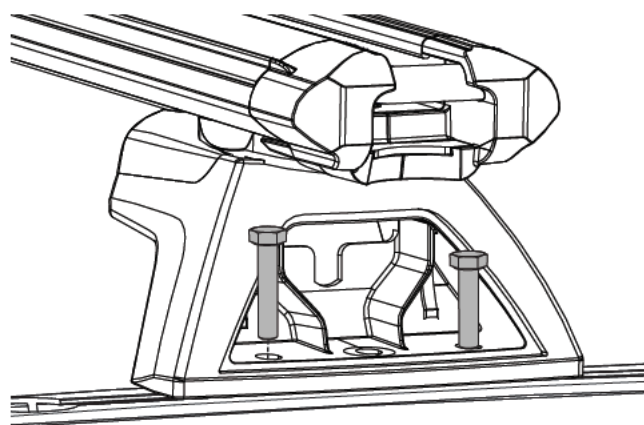
24

SECURE BAR ASSEMBLY TO TRACKS

From the LockNLoad Track Kit, insert the appropriate length M6 Hex Screw (refer to images below) through the two outer holes on Legs into Height Packers/Nut Plates as shown. Loosely secure Screws using a 5 mm ball end Allen Key.



Front Legs M6 Set Screw 30 mm



Rear Legs M6 Set Screw 20 mm

25

ADJUST BAR OVER HANG

Use a Tape Measure to ensure even Bar overhang on each side, re-adjust if required by sliding bar along legs.

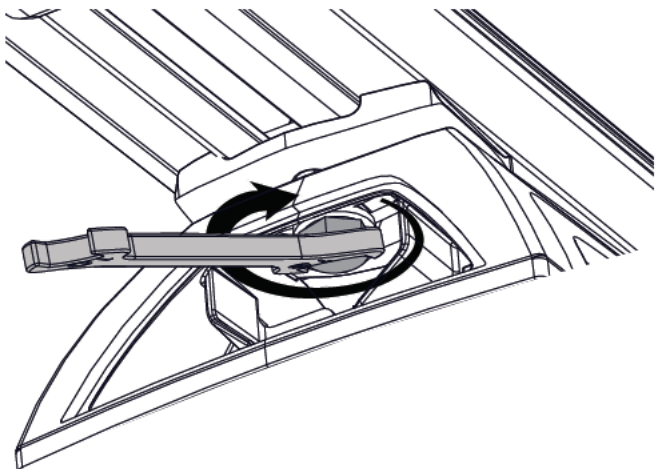


NOTE - Bars require individual adjustment due to tapered roof. Bars must be installed perpendicular to Tracks.

26

SECURE LEGS TO BARS

Tighten all M8 Set Screws to 9 Nm using a 13 mm Spanner.



27

REPEAT AND REMOVE

Repeat Steps 23 - 26 for remaining bar assembly.

Carefully remove all Bar and Leg assemblies from vehicle.



28

CHECK BAR SLOT MEASUREMENTS

Place Bars on flat surface with legs facing upwards, as shown. Take appropriate measures to avoid scratching the product and surface.

Identify slot on each Bar end. 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.

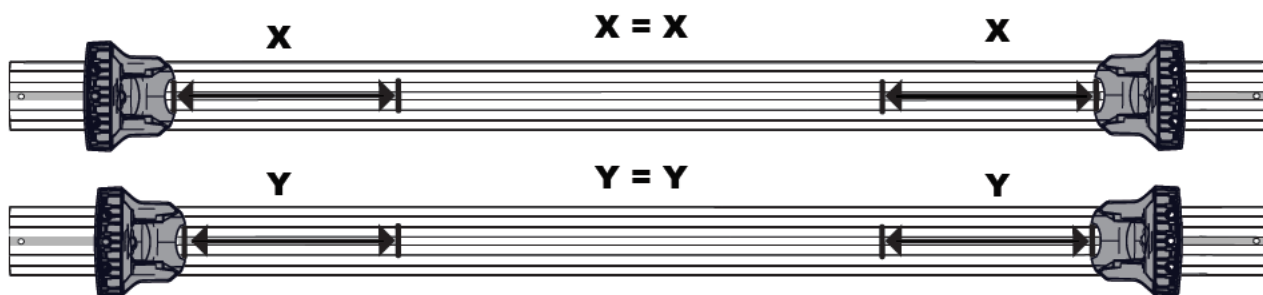
BAR SLOT MEASUREMENTS

Bar 1 (X)

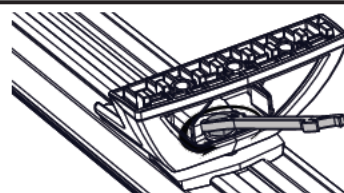
_____mm x2

Bar 2 (Y)

_____mm x2

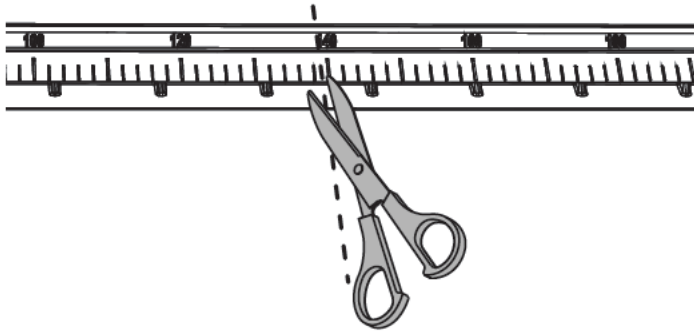


The ends of each bar should be the same measurement respectively, if not, loosen M8 Set Screws and repeat Steps 23-28.

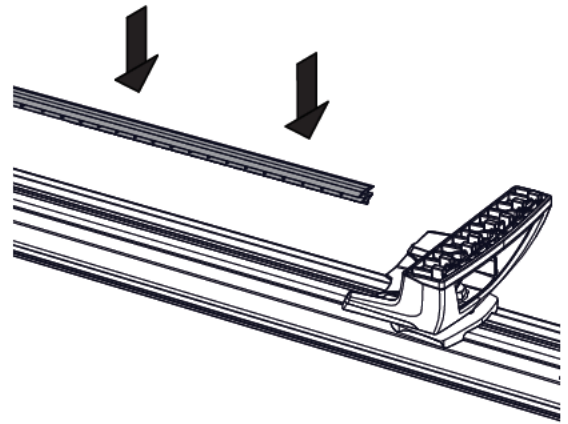


29**BAR SLOT COVERS (INSIDE LEG)**

From the LockNLoad Bar Kit, cut Bar Slot Covers as per measurements recorded in the previous Step and press into the underside channel of Bar ends as shown.

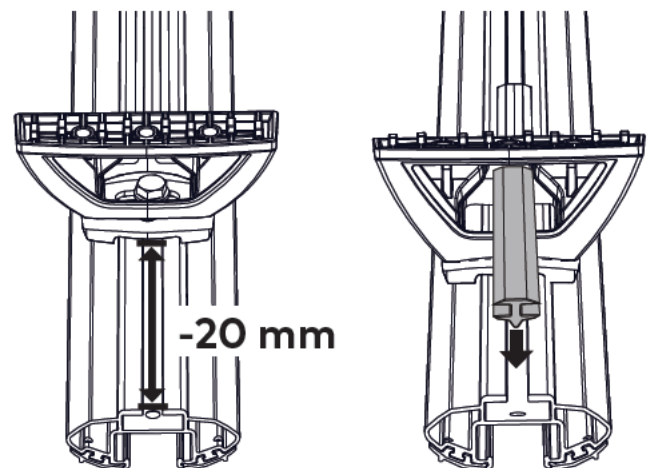


NOTE - Bar Slot Covers to be inserted with flat side visible

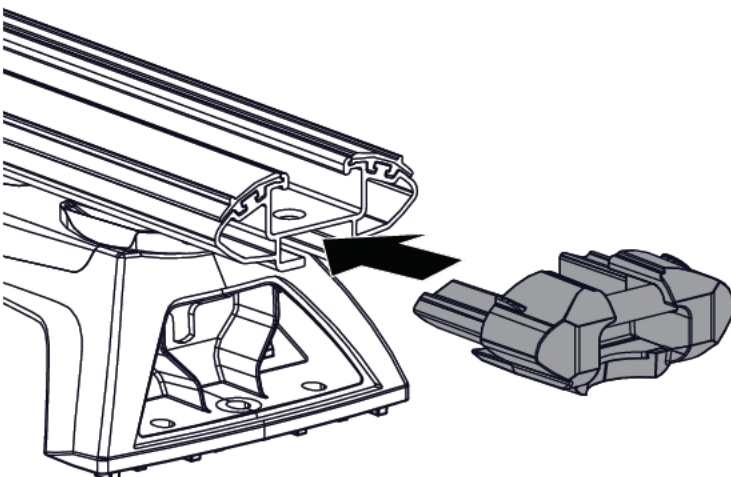
**30****BAR SLOT COVERS (OUTSIDE LEG)**

Measure the Bar channel outside of the Legs and subtract 20 mm from this measurement.

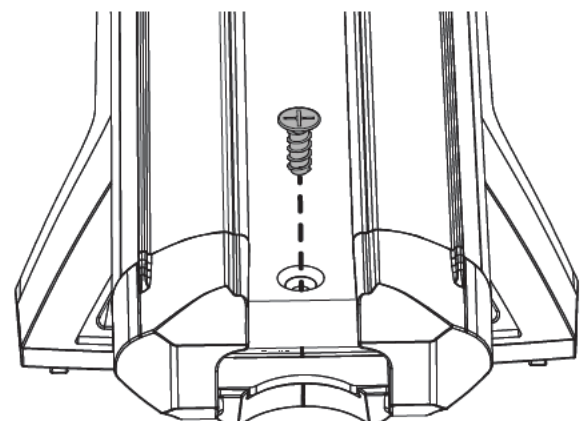
Using the remaining pieces of Slot Cover from the previous Step, cut to this length and press into the underside channel of each Bar end as shown.

**31****SECURE END CAPS TO BARS**

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

**32**

Secure using Plastite Screw (from LockNLoad Bar Kit). Tighten using a #2 Phillips Head Screwdriver.



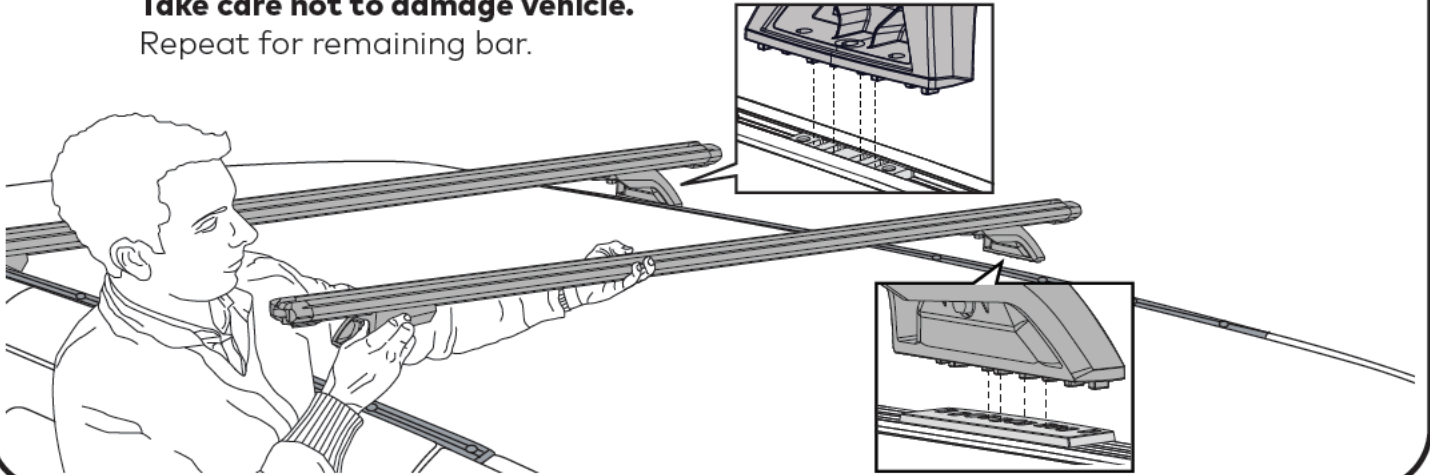
33

BAR FITMENT

Slide Height Packers on Track into position for front Bar placement and Nut Plates for 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 Height Packers and Nut Plates as shown.

Take care not to damage vehicle.

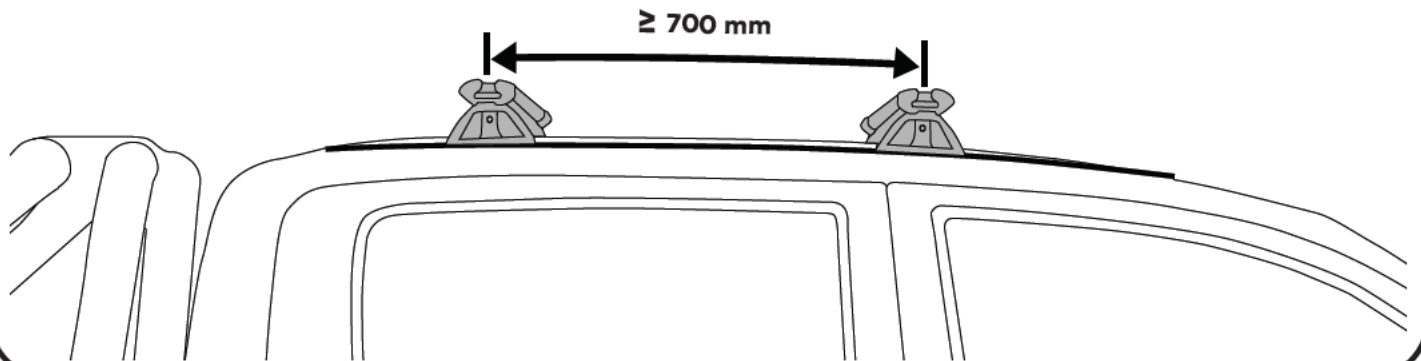
Repeat for remaining bar.



34

Position front and rear Bars along Tracks as required, ensuring there is a minimum distance of 700 mm between each Bar.

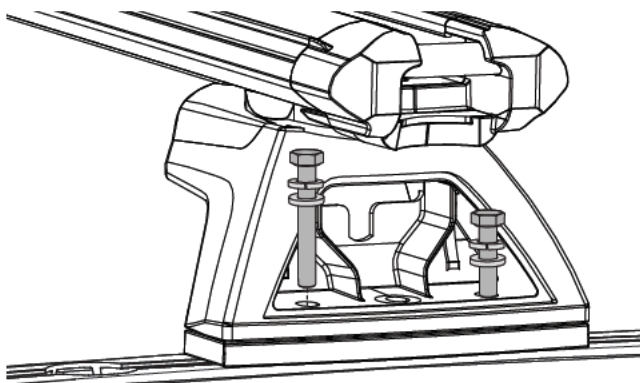
Measure from the centre of each Leg as shown.



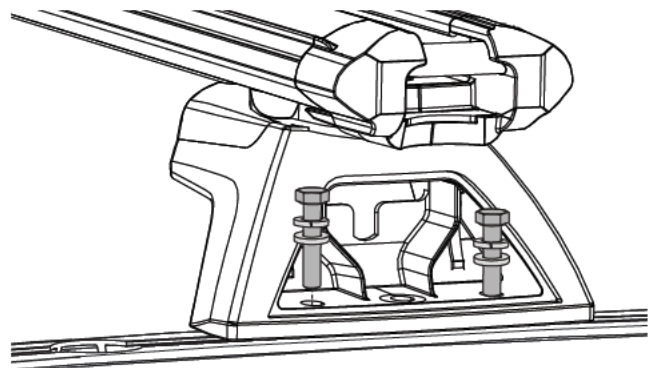
35

M6 HEX SCREW ASSEMBLY

From the LockNLoad Track Kit, assemble 1 x M6 Spring Washer and 1 x M6 Washer onto each M6 Hex Screw (20 mm and 30 mm). Insert through the outer holes on Legs into Height Packer as shown.



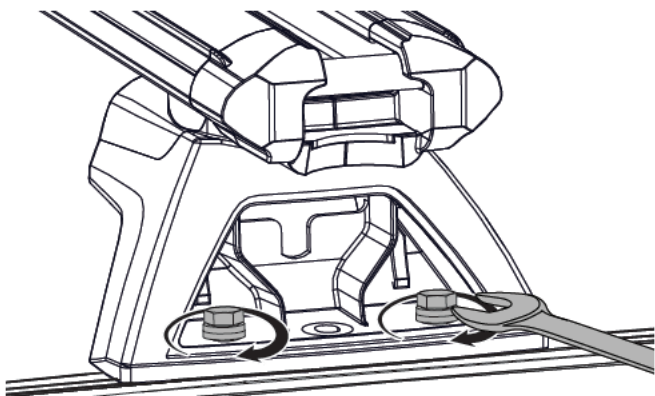
Front Legs M6 Set Screw 30 mm



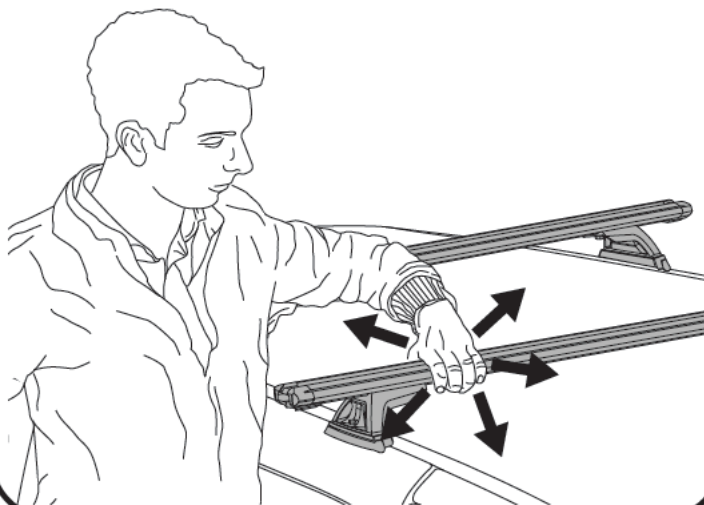
Rear Legs M6 Set Screw 20 mm

36**SECURE BARS TO TRACKS**

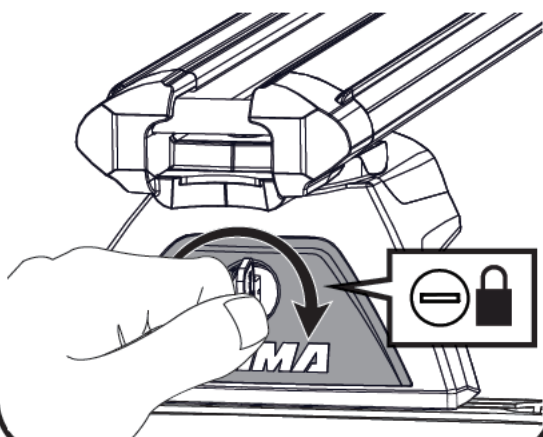
Tighten all M6 Hex Screws to 5 Nm using a 10 mm Open Ended Spanner. **Do not over tighten.**

**37****CHECK BAR LEGS ARE SECURE**

Check all Bar Legs are secure.

**38****FIT LEG COVERS**

Using the keys and Covers supplied in the LockNLoad Leg Kit, fit and lock all Leg Covers.

**39****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:



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