

**MAX VEHICLE ROOF LOAD RATING: 100KG**

**TOTAL LOAD EQUALS WEIGHT OF ROOF RACKS + ACCESSORIES + CARGO**

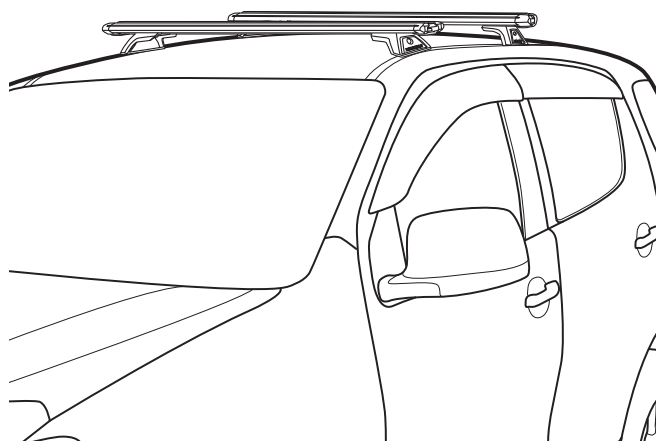
## FIRST TIME INSTALLATION

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



### TOOLS REQUIRED:

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

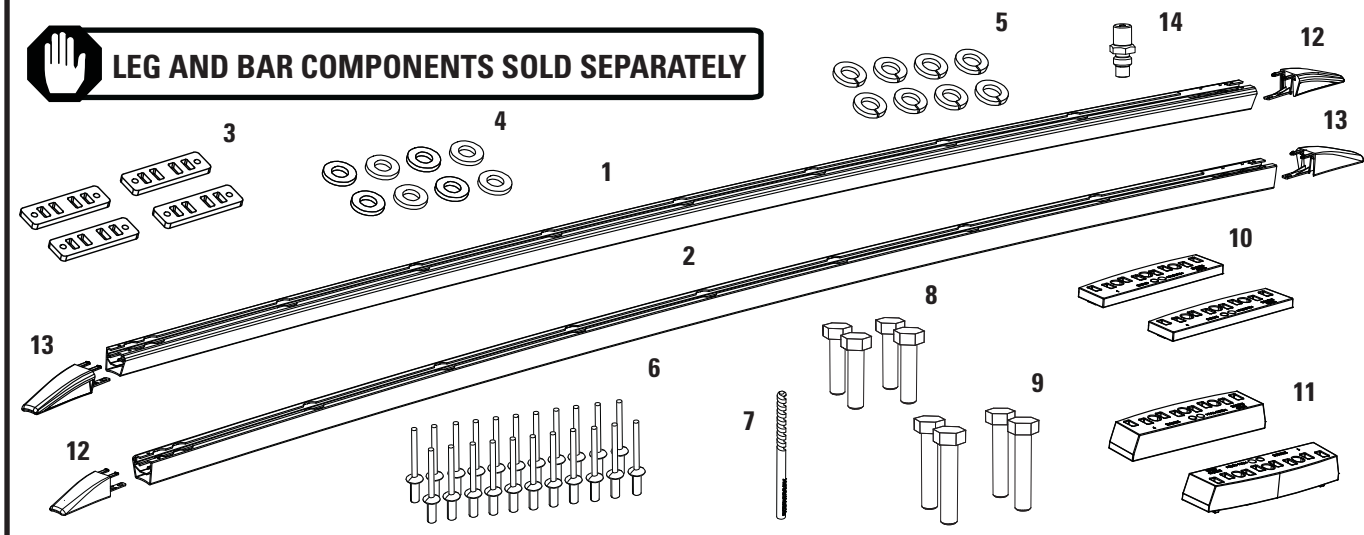


## KIT CONTENTS

ITEM	COMPONENT	QTY	ITEM	COMPONENT	QTY
1.	Track Isuzu MU-X Right Hand Side	x1	8.	M6 Hex Screw 30mm	x4
2.	Track Isuzu MU-X Left Hand Side	x1	9.	M6 Hex Screw 45mm	x4
3.	Track Nut Plate	x4	10.	LOCKN'LOAD Height Packer Standard	x2
4.	M6 Washer	x8	11.	LOCKN'LOAD Height Packer 20mm	x2
5.	M6 Spring Washer	x8	12.	Track End Cap Front Left & Rear Right	x2
6.	Rivet	x22	13.	Track End Cap Rear Left & Front Right	x2
7.	4.9mm Drill Bit	x1	14.	Rivet Gun Nozzle	x1



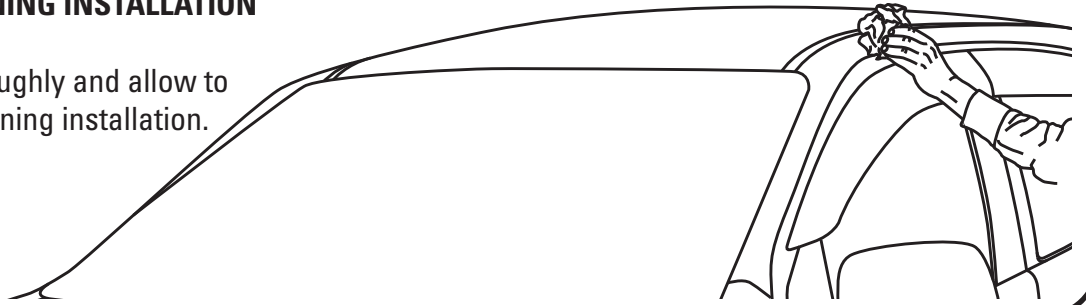
### LEG AND BAR COMPONENTS SOLD SEPARATELY



# TRACK INSTALLATION

## 1 BEFORE BEGINNING INSTALLATION

Clean roof thoroughly and allow to dry before beginning installation.



## 2 TRACK ORIENTATION

The straight edge of Track faces **outside of vehicle** as shown, with rectangular cut outs at rear of vehicle.

**The help of an assistant is recommended to install Tracks.**

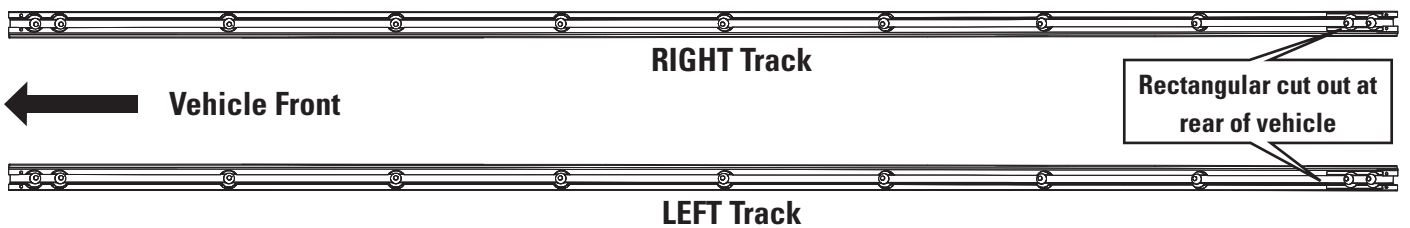
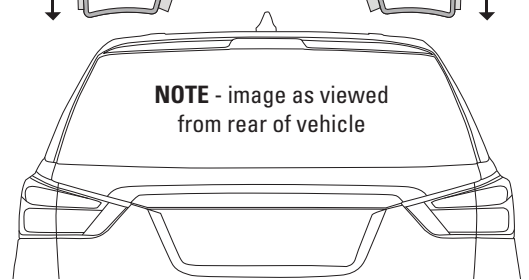
**It is recommended to install one Track at a time.**

Straight edge

Straight edge



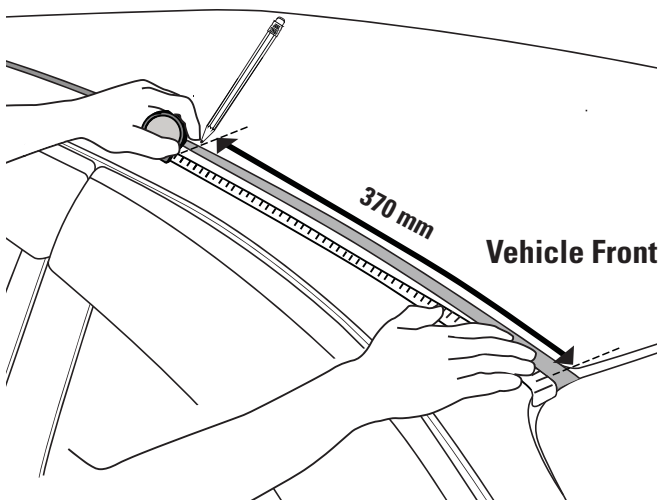
**NOTE** - image as viewed from rear of vehicle



**NOTE** - image as viewed from above

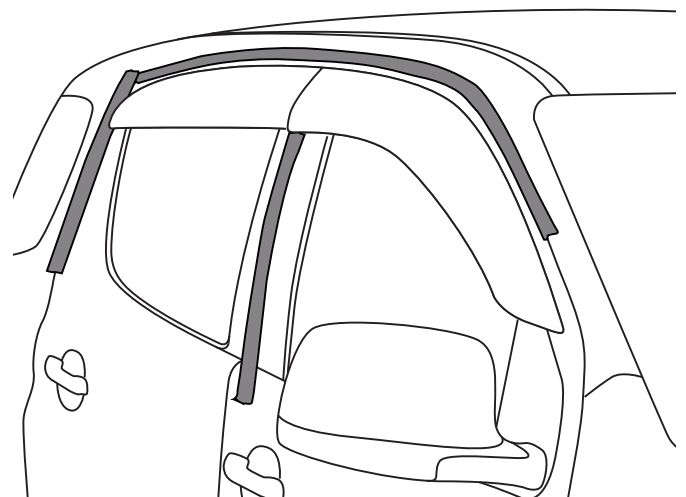
## 3 FRONT ROOF TRIM MEASUREMENT

Using a Tape Measure, measure 370 mm back from where the rubber trim meets the windscreen edge as shown. Use a pencil to mark a measurement line on trim.



## 4 APPLY MASKING TAPE

Apply lengths of Masking Tape along window and door seals.



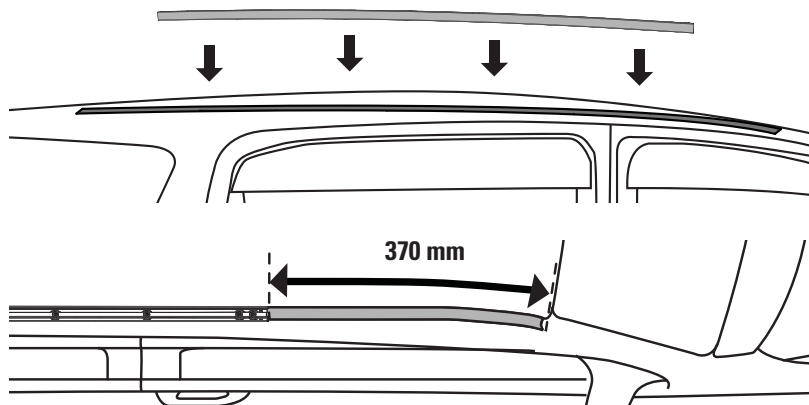
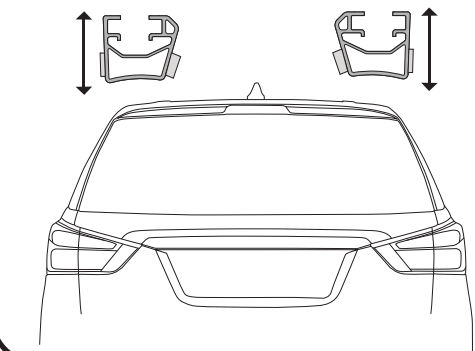
**NOTE** - This prevents drill swarf from getting caught.

**5****ALIGN TRACK ONTO ROOF TRIM**

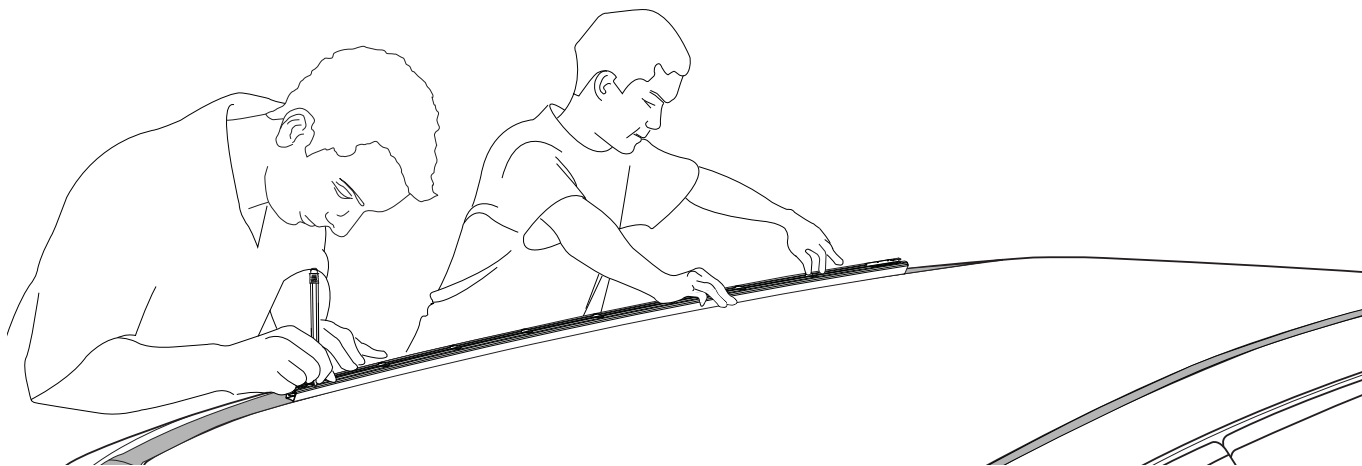
Place Track **directly** onto rubber roof trim, lining up the front of the track end with the line measured in Step 3. Ensure Track orientation and spacing is correct as shown.

Straight edge

Straight edge

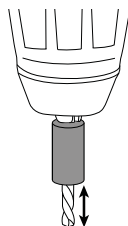
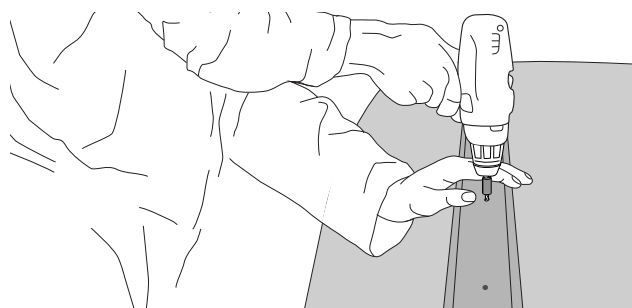
**6****MARK TRACK HOLES**

With the help of an assistant, hold Track down firmly on rubber roof trim and mark all holes using a Pencil. Ensure Track does not move during this process. Remove Track.

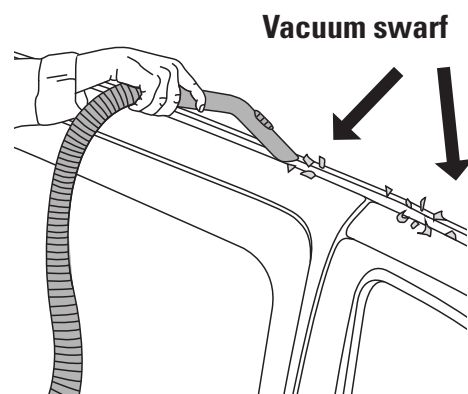
**7****DRILL ROOF**

Using the 4.9 mm Drill Bit provided and a Drill Stop, carefully drill through the roof at each centre marked location. Ensure a drilling angle perpendicular to the roof surface is maintained throughout.

**Drill stop must be set at 17 mm for the hole closest to the windscreen. All other holes are to have drill stop set at 15 mm.**

**8****REMOVE SWARF**

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

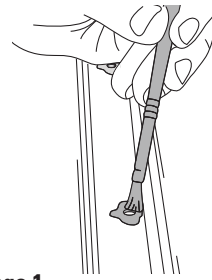


# 9

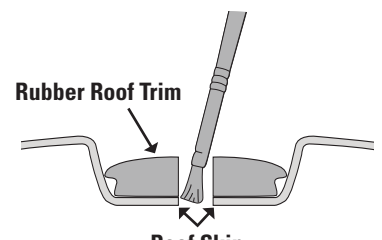
## APPLY PROTECTIVE SEALANTS

### Stage 1

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



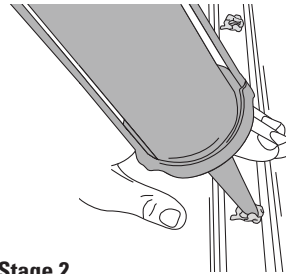
**Stage 1**  
Apply liberally in and around holes.  
Allow to dry.



**Roof Skin**  
Ensure solution covers the entire roof skin area as shown.

### Stage 2

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



**Stage 2**  
Apply liberally in and around holes

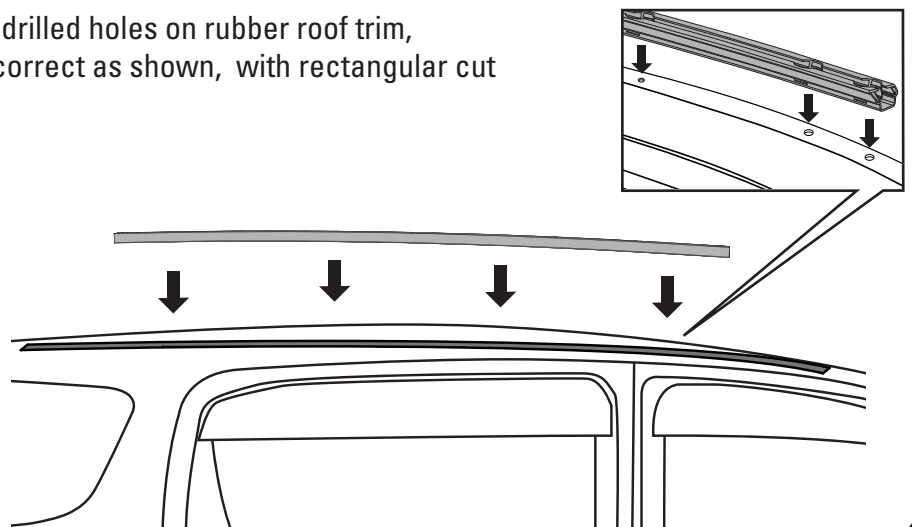
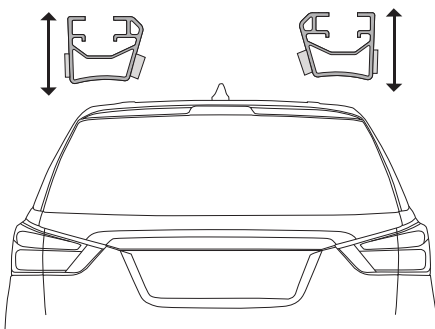
# 10

## PLACE TRACK BACK ONTO ROOF TRIM

Accurately place Tracks over drilled holes on rubber roof trim, ensuring Track orientation is correct as shown, with rectangular cut outs at rear of vehicle.

Straight edge

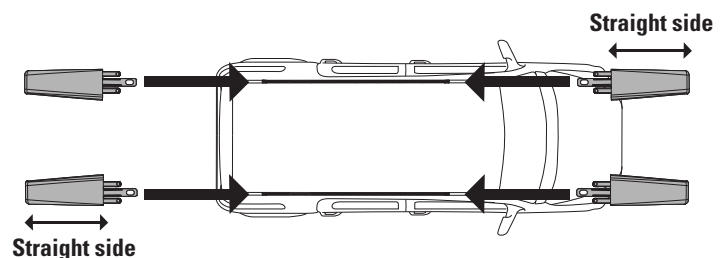
Straight edge



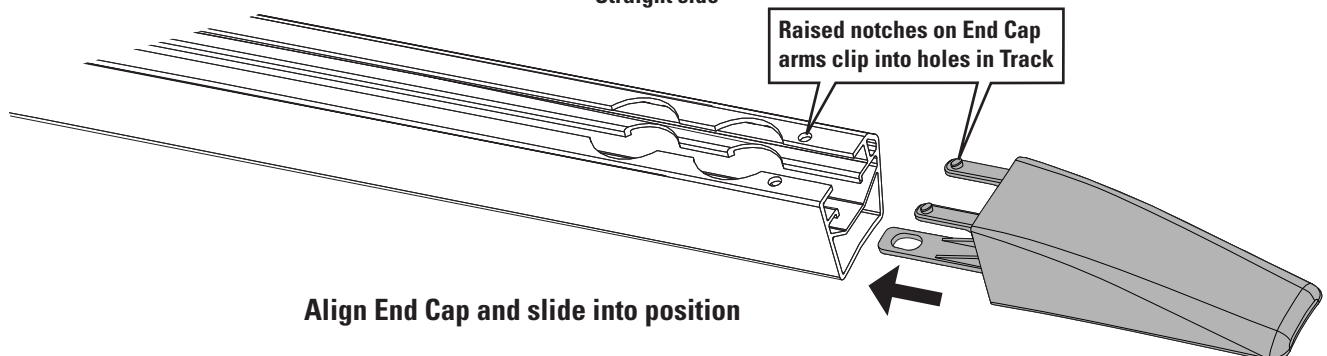
# 11

## END CAP FITMENT

Assemble End Caps within Tracks as shown. **The straight side of End Cap must face the outside of vehicle.**



Raised notches on End Cap arms clip into holes in Track

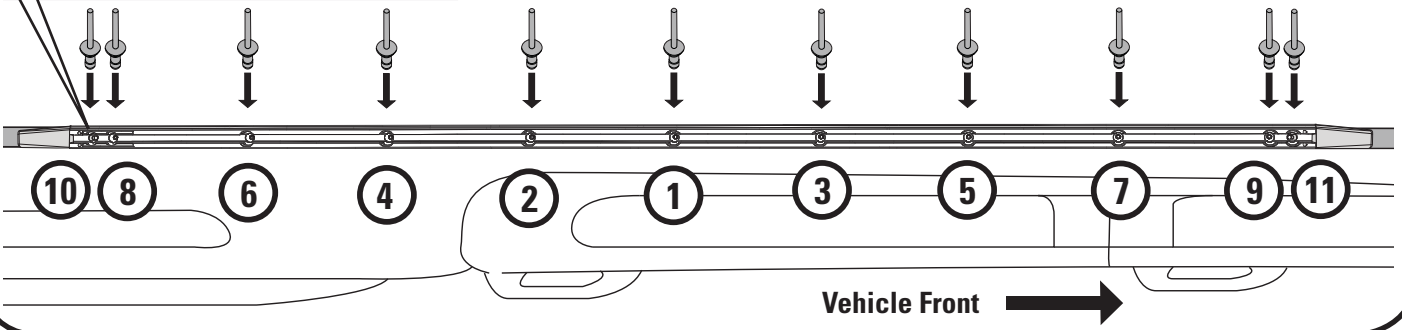
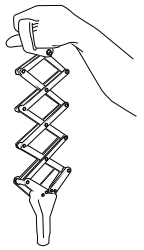
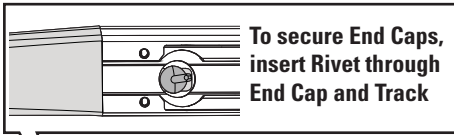


# 12

## TRACK INSTALLATION

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

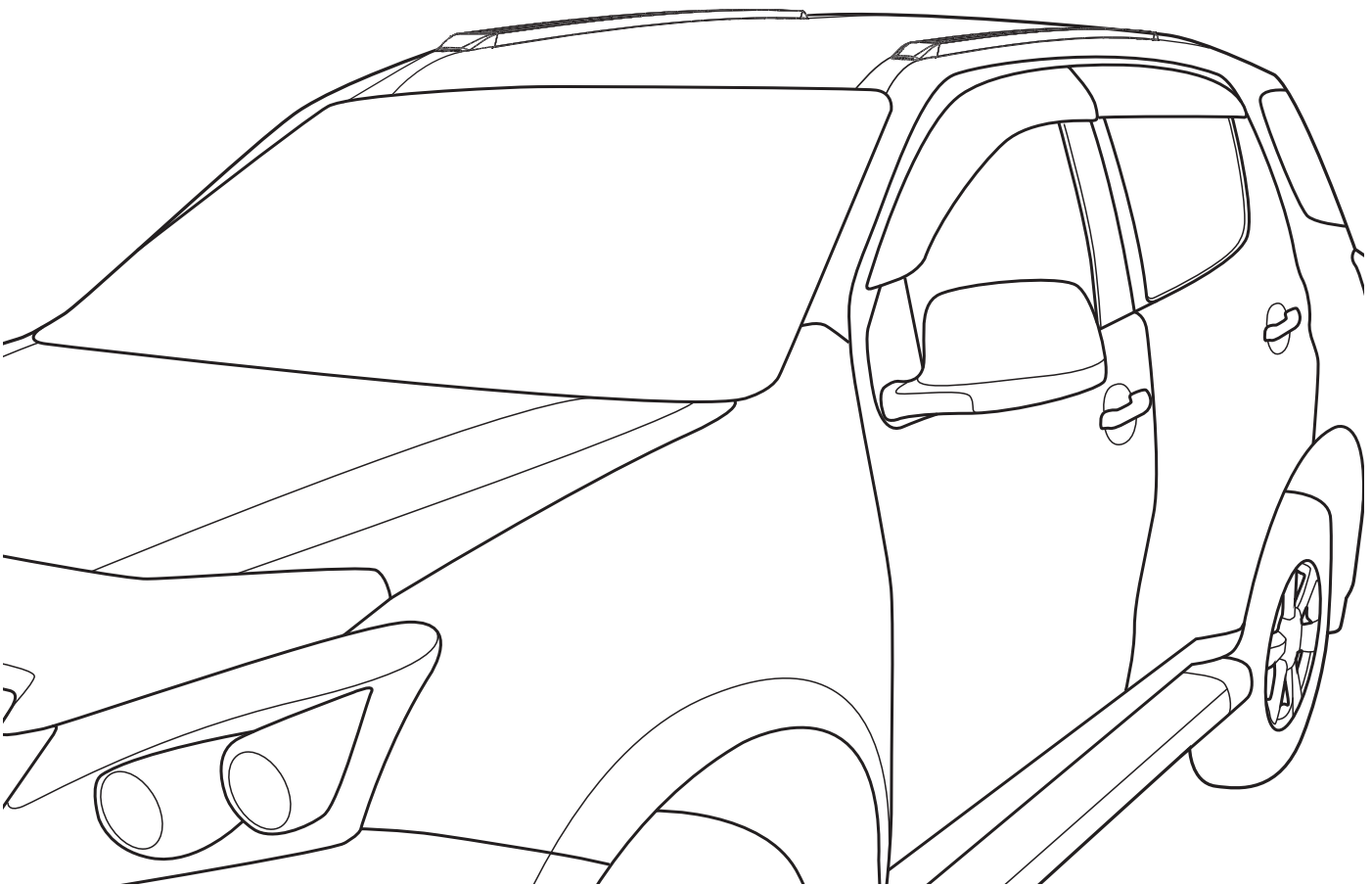
Using a Rivet Gun, punch each Rivet in the order shown.



# 13

## TRACK INSTALLATION COMPLETE

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

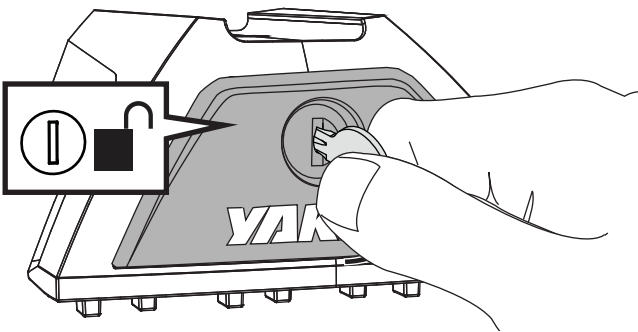


**PLEASE SEE STEPS 14-39 FOR BAR INSTALLATION**

# BAR INSTALLATION

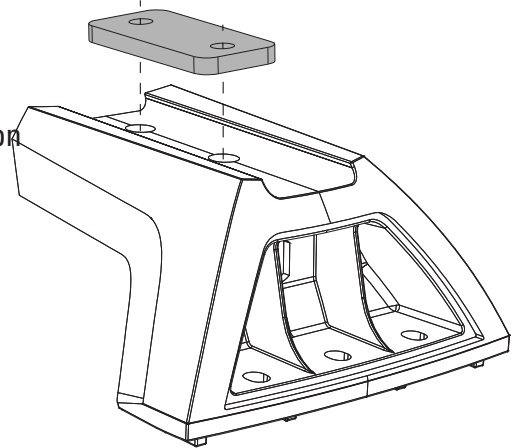
## 14 REMOVE LEG COVERS

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

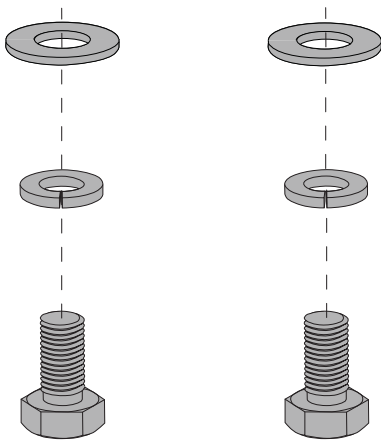


## 15 LEG ASSEMBLY

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

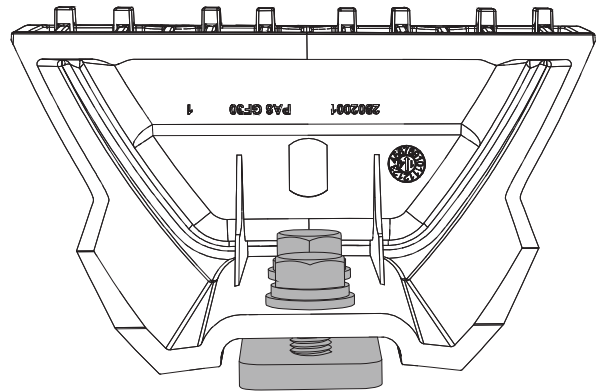


16 From the LOCKN'LOAD Leg Kit, assemble 1 x M8 Spring Washer and 1 x M8 Washer onto each M8 Set Screw 16 mm in the order shown.



17 Loosely finger tighten Nut Plates to Legs as shown using the screw assemblies from the previous Step.

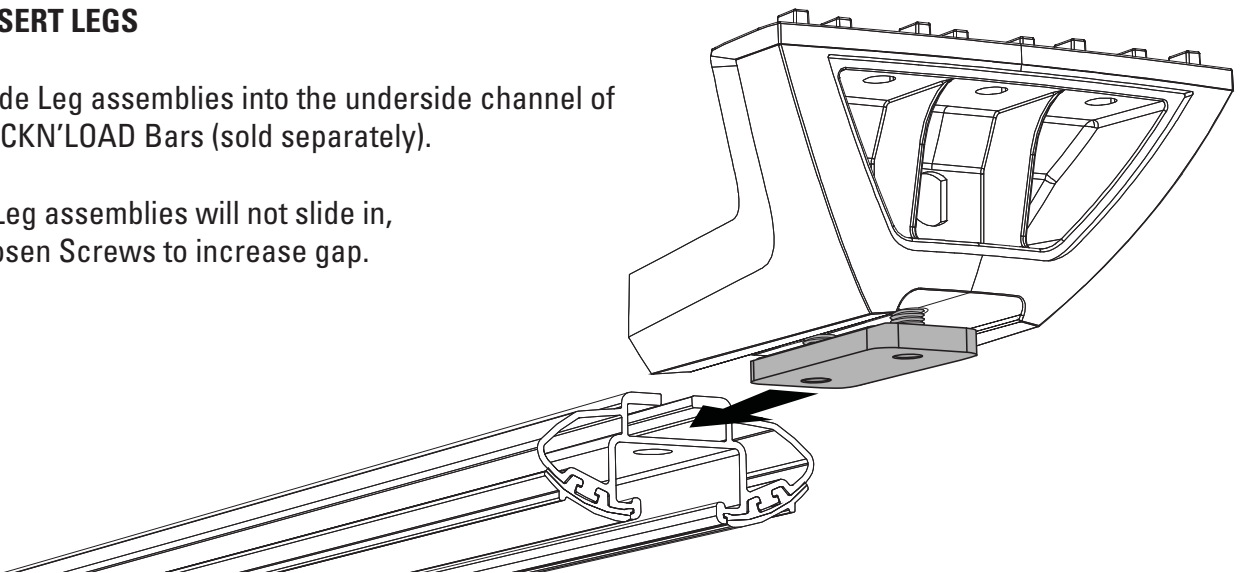
**Ensure there is a sufficient gap between the Nut Plates and Legs for the next Step.**



## 18 INSERT LEGS

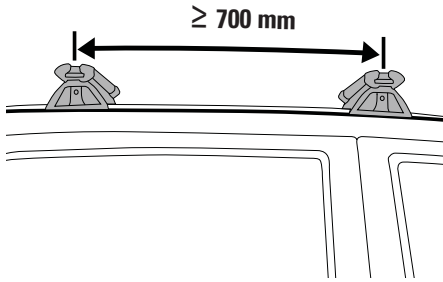
Slide Leg assemblies into the underside channel of LOCKN'LOAD Bars (sold separately).

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



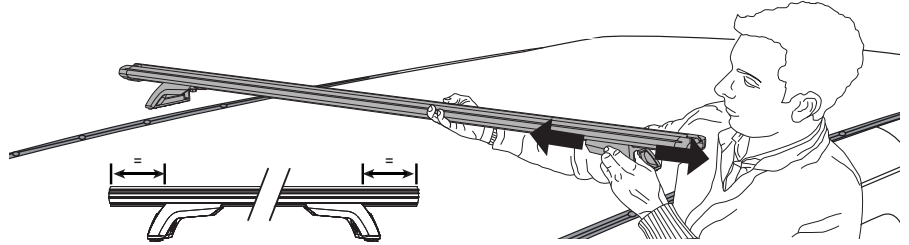
## 19 BAR LOCATION

**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.



## 20 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 for remaining bar assembly then carefully remove Bars from vehicle.

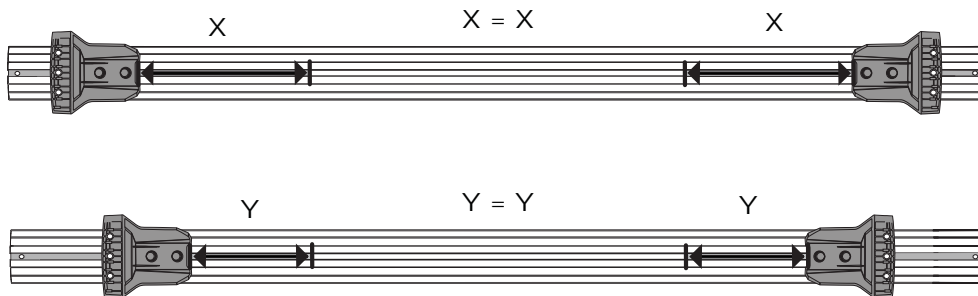


**NOTE** - Front and Rear Bars require individual adjustment due to tapered roof. Bars must be installed perpendicular to Tracks.

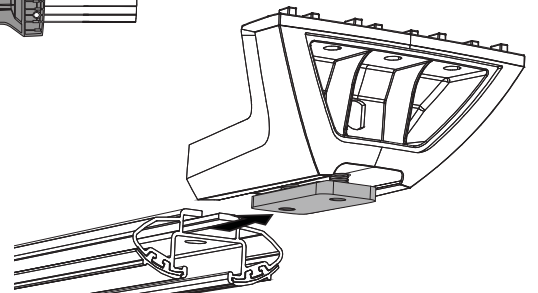
## 21 CHECK BAR SLOT MEASUREMENTS

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 20.

BAR SLOT MEASUREMENTS	
Front Bar (X)	Rear Bar (Y)
_____ mm x2	_____ mm x2

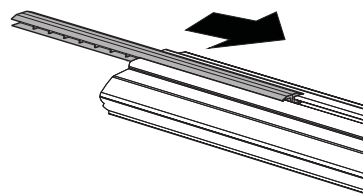
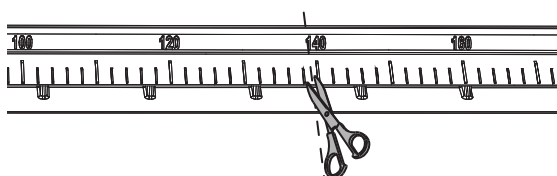


Remove Legs from Bar once equal measurement is obtained and recorded. Loosen the previously finger tightened screw on each leg, keeping Nut Plate and Screw assemblies in place as shown.

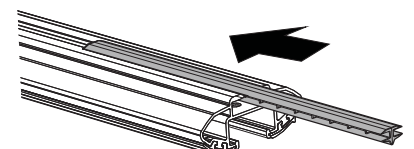


## 22 BAR SLOT COVERS

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



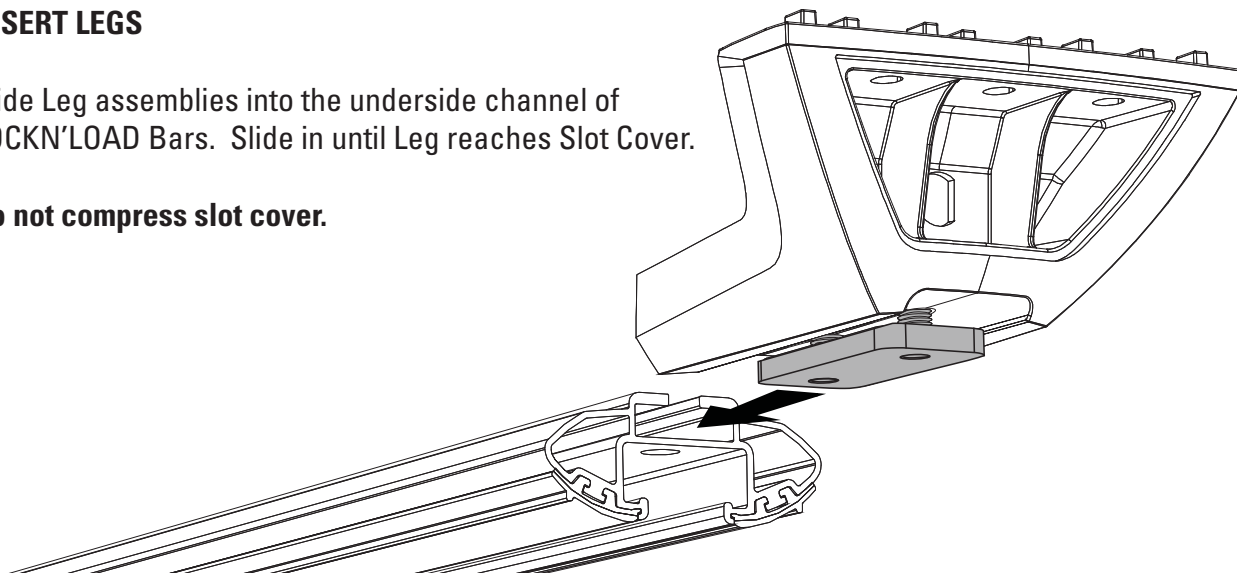
**NOTE** - Bar Slot Covers to be inserted with flat side visible



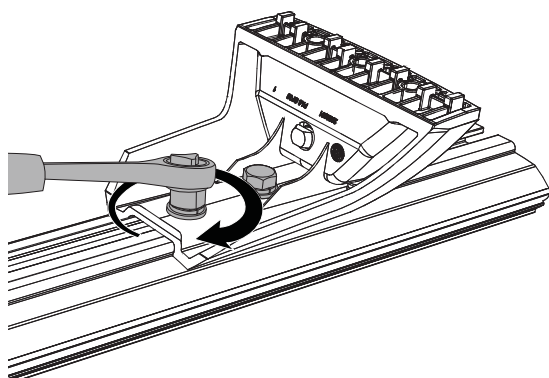
**23****INSERT LEGS**

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

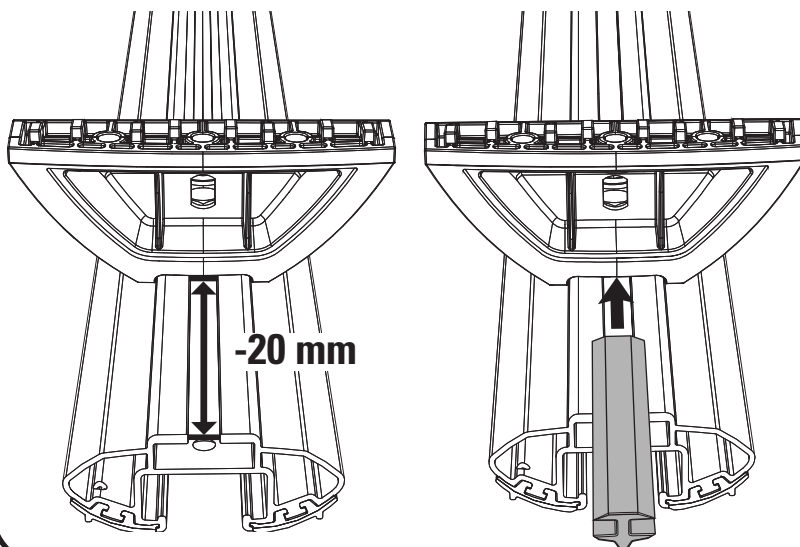
**Do not compress slot cover.**

**24****SECURE LEGS TO BARS**

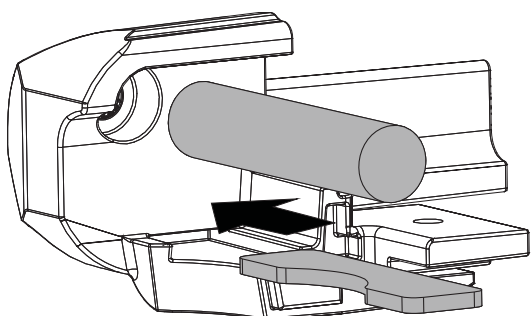
Tighten all M8 Set Screws to 7 Nm using a 13 mm Socket Wrench.

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

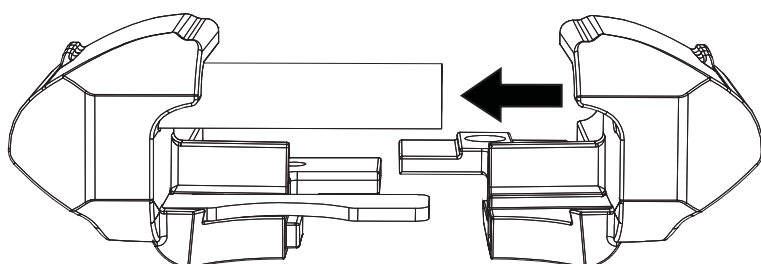
Measure the Bar channel outside of the Legs and subtract 20 mm from this measurement. Using the remaining pieces of Slot Cover from Step 22, cut to this length and insert into the underside channel of each Bar end as shown.

**26****END CAP ASSEMBLY**

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

**27**

Connect all End Cap Halves together.

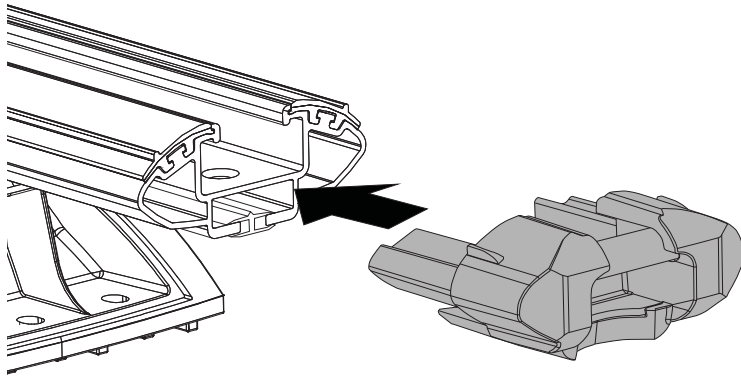




# 28

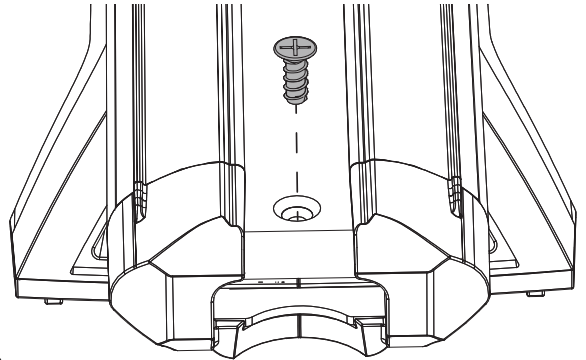
## SECURE END CAPS TO BARS

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



# 29

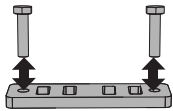
Secure using Plastite Screw (from LOCKN'LOAD Leg Kit). Tighten using a #2 Phillips Head Screwdriver.



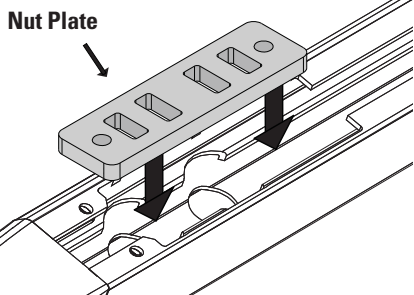
# 30

## INSERT NUT PLATES

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



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

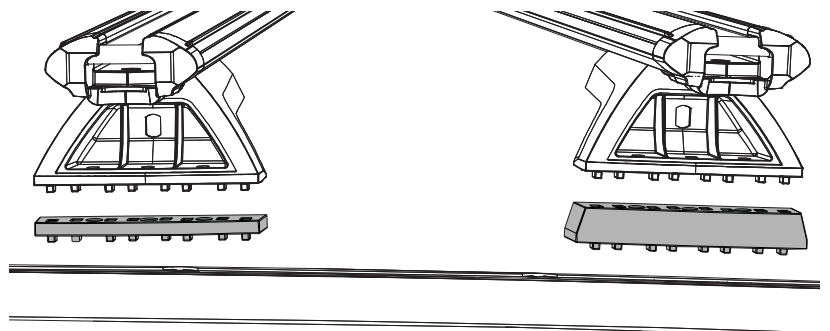


# 31

## HEIGHT PACKER SET-UP

Height Packers are required to level the Bars on the vehicle roof. The front Bars require 20 mm Height Packers and the rear Bars require Standard Height Packers as shown.

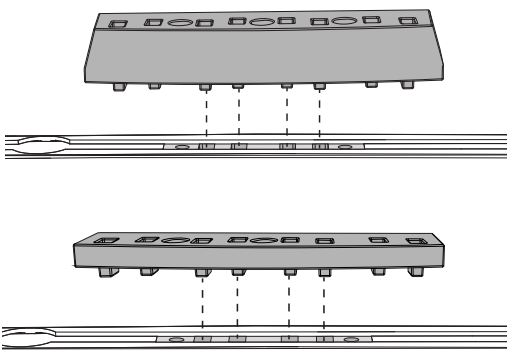
Vehicle Front →



# 32

## HEIGHT PACKER FITMENT

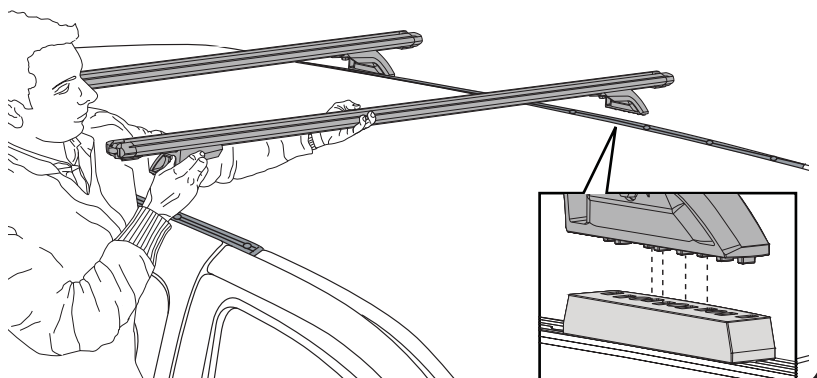
Fit Height Packers on top of Nut Plates, locating the four central raised Notches on base of Height Packers into the cut outs on Nut Plates as shown.



# 33

## BAR FITMENT

Slide Height Packers on Track into position for front and rear Bar placement. Place Bar assembly onto Tracks, carefully locating the four central raised notches on base of Legs into the cut outs on Height Packers as shown. **Take care not to damage vehicle.** Repeat for remaining Bar.

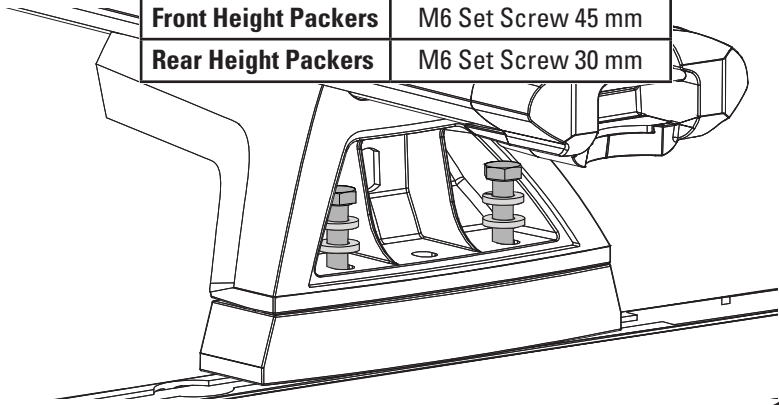


# 34

## SECURE BARS TO TRACKS

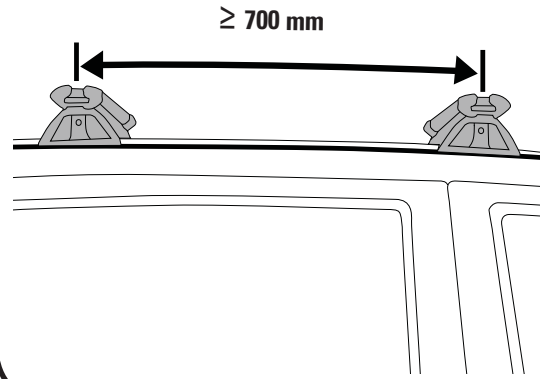
From the LOCKN'LOAD Track Kit, assemble 1 x M6 Spring Washer and 1 x M6 Washer onto each M6 Hex Screw (45 mm and 30 mm) as shown. Insert through the outer holes on Legs into Height Packer as shown. Finger tighten Screws.

Front Height Packers	M6 Set Screw 45 mm
Rear Height Packers	M6 Set Screw 30 mm



# 35

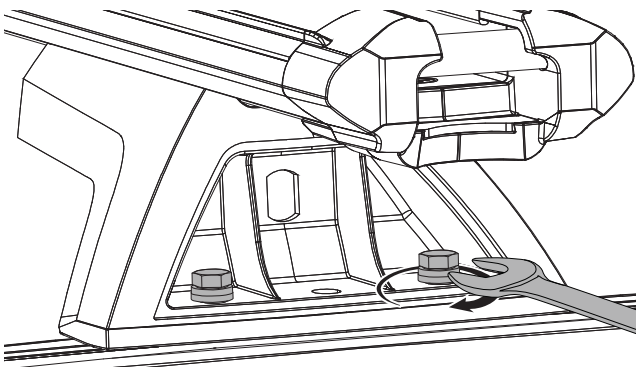
Position front and rear Bars along Tracks, ensuring there is a minimum distance of 700 mm between each Bar. Measure from the centre of each Leg as shown.



# 36

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

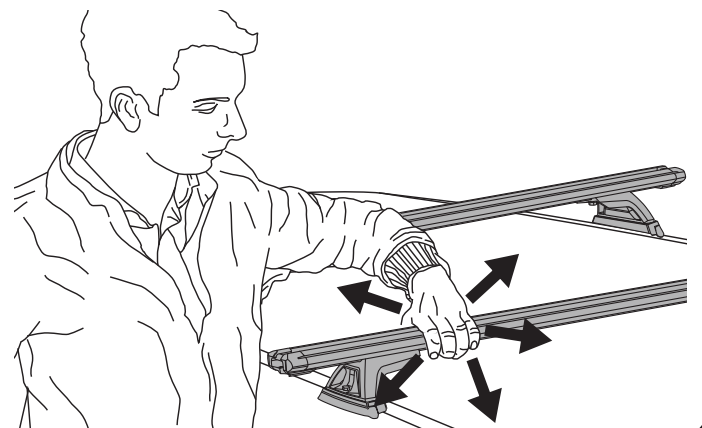
**Do not over tighten.**



# 37

## CHECK BAR LEGS ARE SECURE

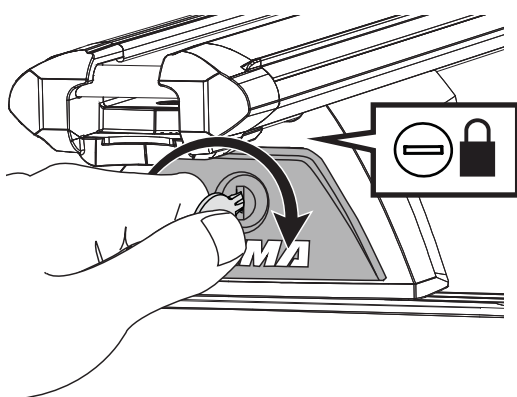
Check all Bar Legs are secure.



# 38

## FIT LEG COVERS

Using the keys and Covers supplied in the LOCKN'LOAD 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](http://www.yakima.com.au) or [www.yakima.co.nz](http://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: \_\_\_\_\_