

### MAXIMUM PRODUCT LOAD RATING: 100 kg



#### IMPORTANT:

- **LOAD = WEIGHT OF PLATFORM or BARS + MOUNTING SYSTEM + ACCESSORIES + CARGO**
- **PLEASE REFER TO VEHICLE MANUFACTURER SPECIFICATIONS FOR MAX ROOF LOAD CAPACITY OF VEHICLE. THE LOWEST LOAD RATING APPLIES.**
- **OFFROAD RATING: SCAN QR CODE FOR LOCKNLOAD LOAD RATING GUIDE. REDUCTIONS MAY APPLY.**



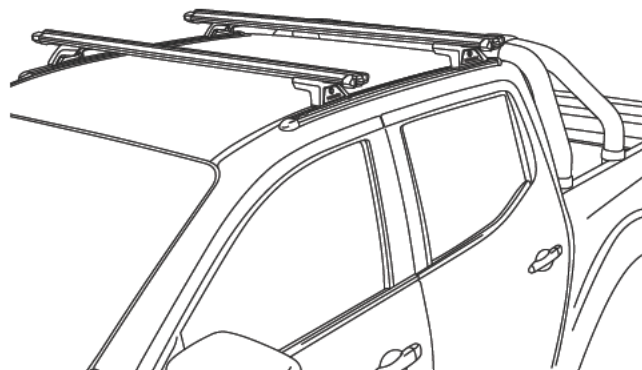
## FIRST TIME INSTALLATION

- 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:

- 10 mm Open Ended Spanner
- 13 mm Socket or Spanner
- Ø4-5 mm Centre Punch
- Power or Cordless Drill
- Vacuum Cleaner
- Mastic Silicone Sealant
- Rubber Mallet (Optional)
- #2 Phillips Head Screwdriver
- Zinc Rich Cold Galvanising Coating
- Marking Pen
- Tape Measure
- Masking Tape
- Rivet Gun
- Scissors
- 4 mm Drill Stop
- Cardboard Strips

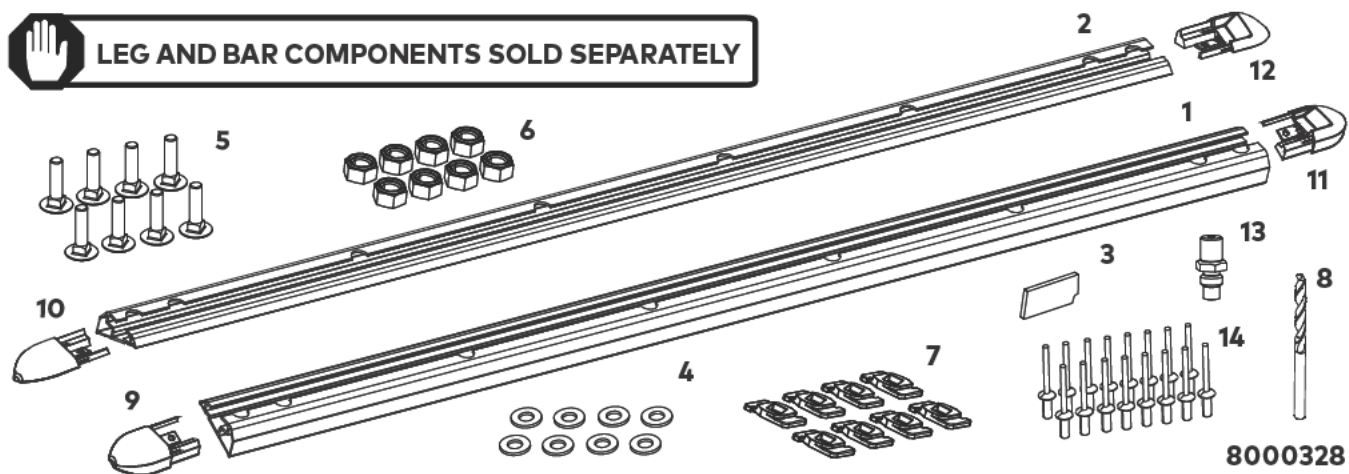


## KIT CONTENTS

ITEM	COMPONENT	QTY	ITEM	COMPONENT	QTY
1.	Track Nissan Navara Left Hand Side	x1	8.	Ø4.9 mm Drill Bit	x1
2.	Track Nissan Navara Right Hand Side	x1	9.	End Plug Front Left	x1
3.	Track Install Template	x1	10.	End Plug Front Right	x1
4.	M6 Washer	x8	11.	End Plug Rear Left	x1
5.	M6 Coach Bolt	x8	12.	End Plug Rear Right	x1
6.	M6 Nylock Nut	x8	13.	Rivet Gun Nozzle	x1
7.	M6 Bolt Housing	x8	14.	Ø4.8 mm Rivet	x16



### LEG AND BAR COMPONENTS SOLD SEPARATELY

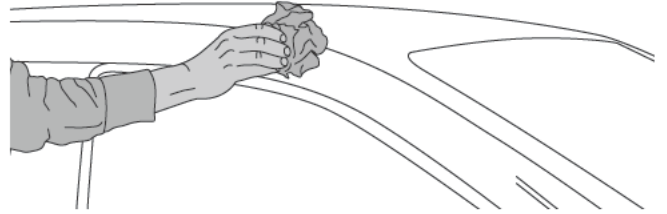


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# TRACK INSTALLATION

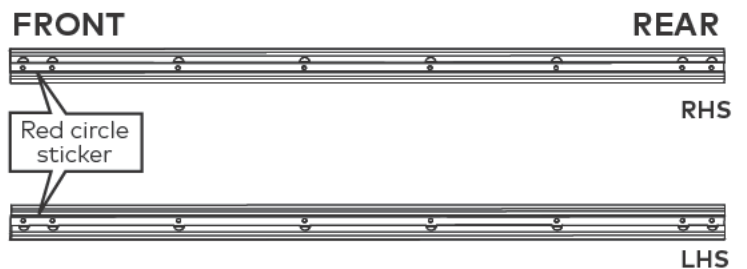
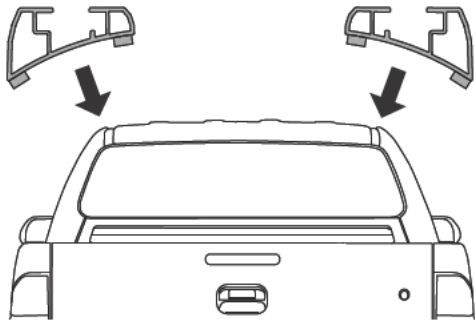
## 1 BEFORE BEGINNING INSTALLATION

Clean roof thoroughly and allow to dry before beginning installation.



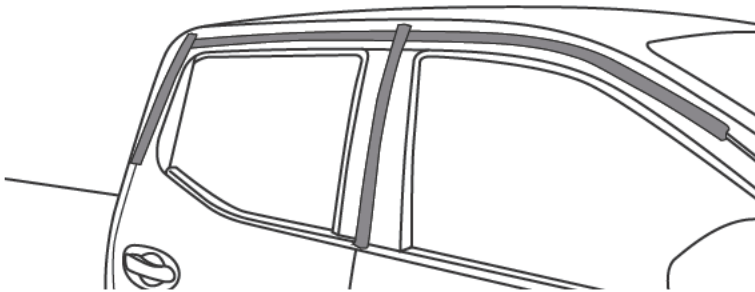
## 2 TRACK ORIENTATION

Identify the front of the tracks by locating the red circle sticker on the Tracks. The front of the Tracks are to be positioned with the front of the vehicle.



## 3 APPLY MASKING TAPE

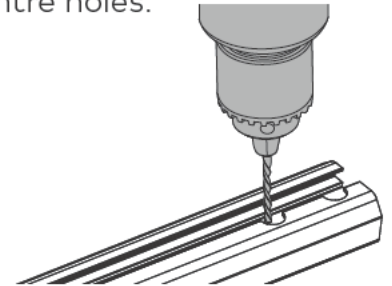
Apply lengths of Masking Tape along window and door seals.



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

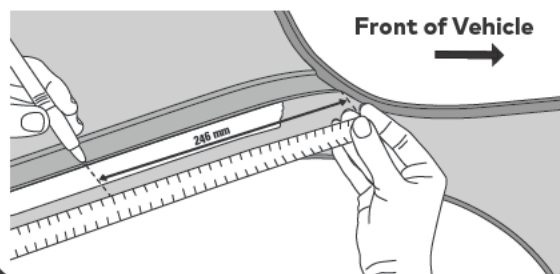
## 4 DRILL FOAM

Using the Ø4.9 mm Drill Bit, run the drill through the foam covering the centre holes.



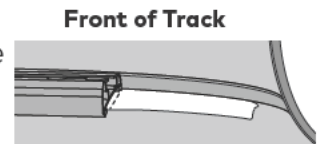
## 5 FRONT TRACK MEASUREMENT

Apply Masking Tape along ditch. Measure 246 mm from front corner of ditch and record.



## 6 REAR TRACK MEASUREMENT

Place Track on outer section of roof. Ensure front of Track aligns with reference mark.

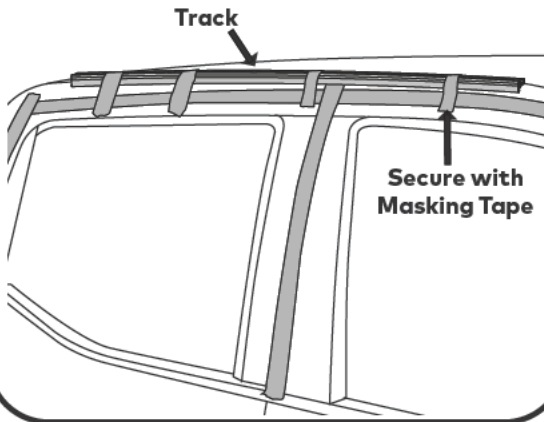


Use the Install Template to set the distance the track sits away from the roof channel. The Track should be parallel to the roof channel.



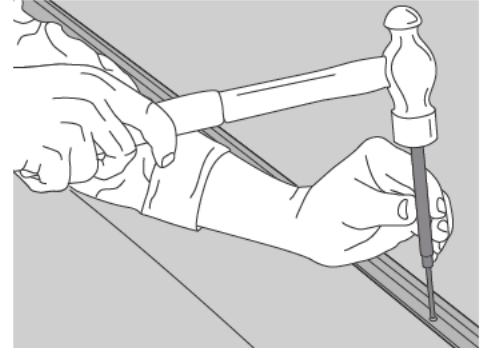
**7****POSITION TRACK AS SHOWN**

When the Track is in the correct location use masking tape to hold it securely in position.

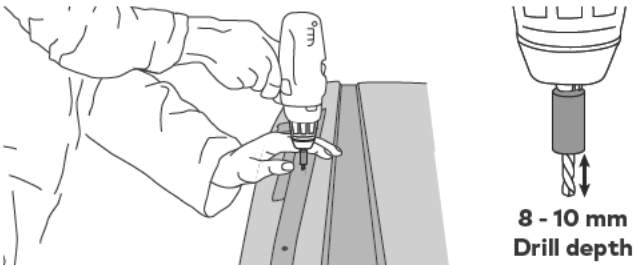
**8****CENTRE PUNCH HOLES**

Re-check measurements and position of Track with Tape Measure and the Install Template. Once confirmed, lightly centre punch all track holes.

Check all centre punch marks line up with Track holes. If necessary, re-measure to confirm.

**9****DRILL ROOF**

Remove Track. Using the  $\varnothing 4.9$  mm Drill Bit provided and a 8-10 mm Drill Stop, carefully drill through the roof at each centre punched location. Ensure a drilling angle perpendicular to the roof surface is maintained throughout.



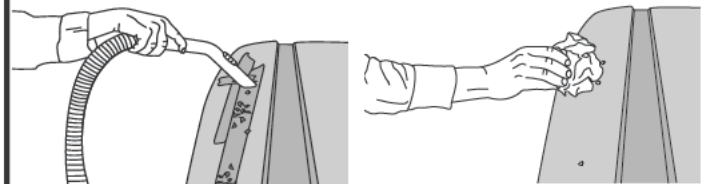
8 - 10 mm  
Drill depth

**NOTE** - A Drill Stop is used to avoid drilling into the second roof skin of the vehicle.

**10****REMOVE SWARF**

Using a Vacuum Cleaner carefully remove swarf from roof, taking care not to scratch the vehicle.

Remove Masking Tape and gently wipe clean with a damp cloth.



Allow to dry completely before proceeding.

**11****APPLY PROTECTIVE SEALANTS**

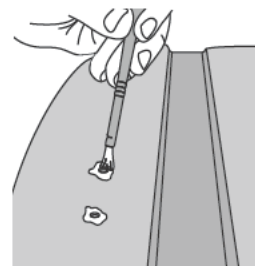
Protect roof by applying liberal amounts of protective sealants, as described.

**Stage 1**

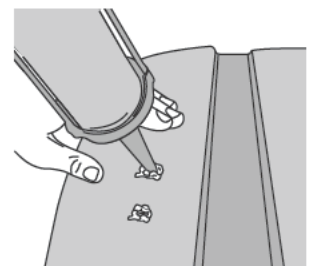
Apply a Zinc Rich Cold Galvanising Compound to inside surface and surrounds of each drilled hole. Allow solution to become touch dry before proceeding with Stage 2, (approx. 10 minutes depending on product).

**Stage 2**

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

**Stage 1**

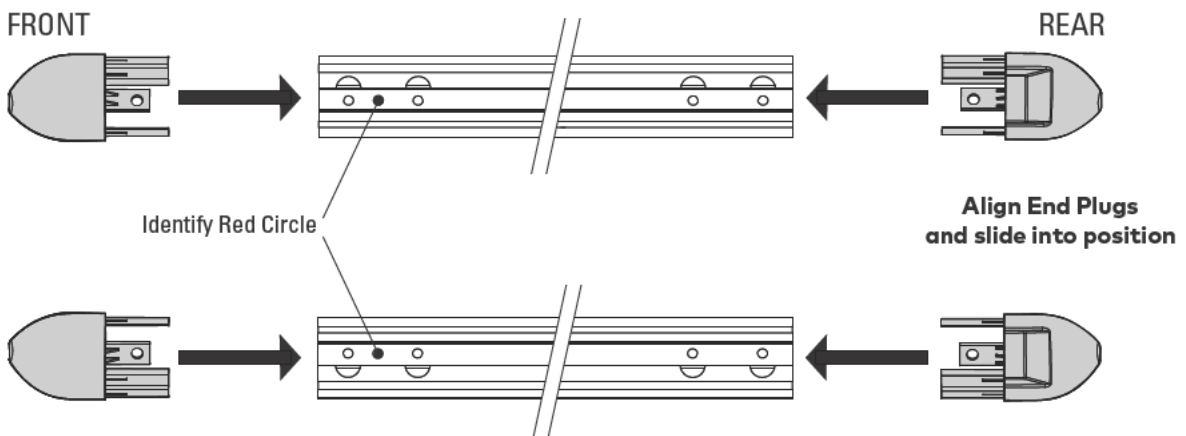
Apply Zinc Rich Cold Galvanising Compound liberally in and around holes

**Stage 2**

Apply Mastic Silicon liberally in and around holes

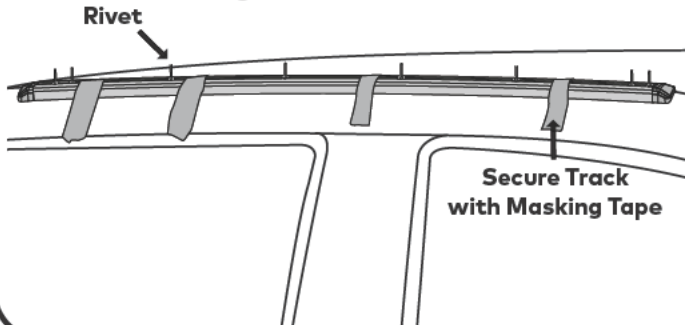
## 12 FIT END PLUGS TO TRACK

Identify the front and rear end plugs. Fit the end plugs to the track as shown.



## 13 POSITION TRACK BACK ONTO VEHICLE

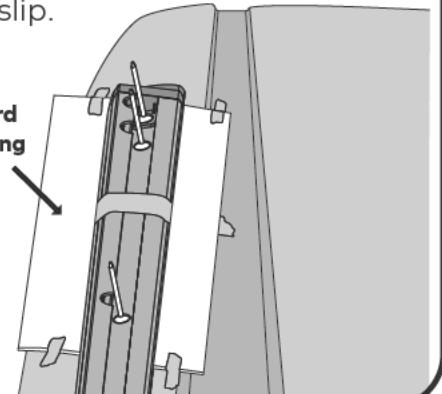
Taking note of correct orientation, place Track onto vehicle. Insert Rivets through Track holes and End Caps to align. Once located, secure well with Masking Tape.



## 14 PRIOR TO RIVETING

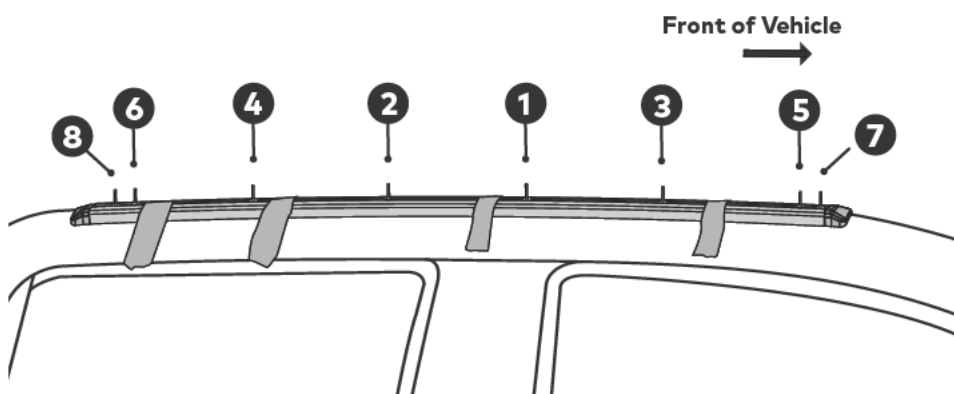
Place Cardboard Strips either side of Track **prior to riveting** to prevent accidental scratching of the roof body should the Rivet Gun slip.

Place cardboard strips along Track



## 15 RIVETING TRACK TO VEHICLE

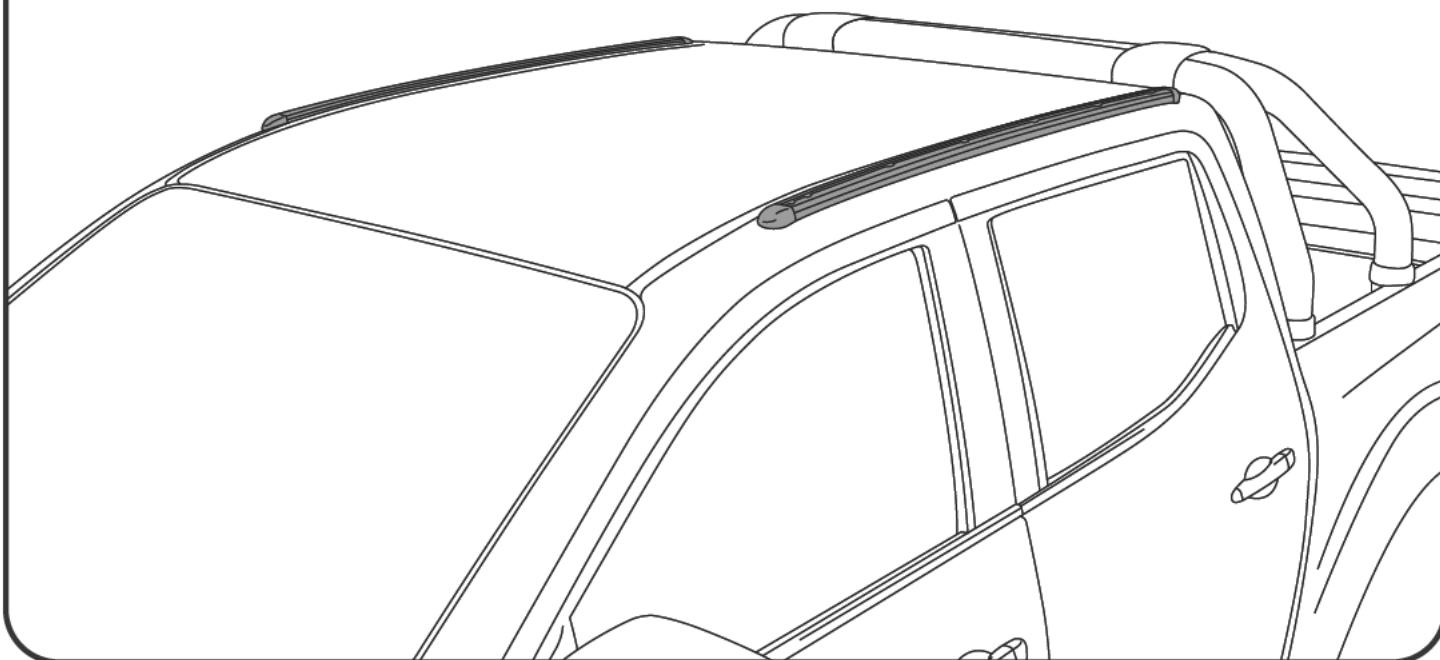
Ensure good pressure is applied to the Track. We recommend an assistant helps. Using the Rivet Nozzle provided, rivet the centre of the Track, then continue in an alternating pattern out towards the end of the Track.





**16****TRACK INSTALLATION COMPLETE**

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



**IF INSTALLING LOCKNLOAD ROOF RACKS, CONTINUE ON TO STEP 17**

**IF INSTALLING A LOCKNLOAD PLATFORM, SWITCH TO YOUR PLATFORM INSTRUCTIONS**

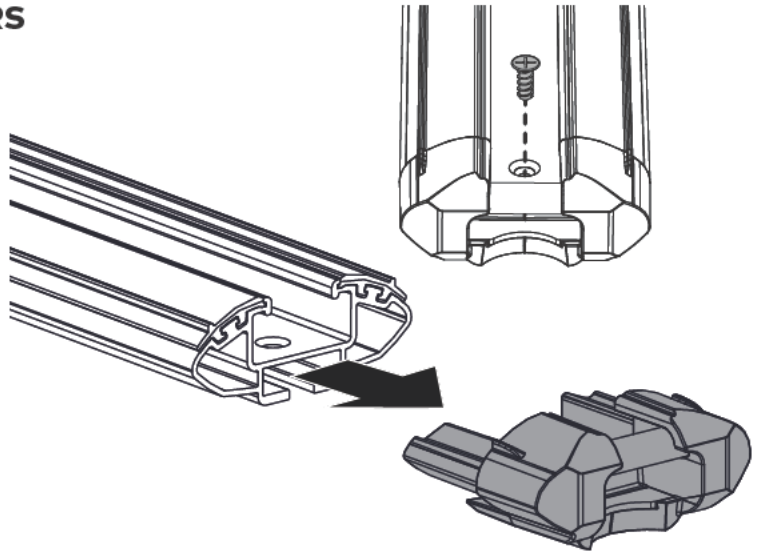
# BAR INSTALLATION

## 17

### 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.

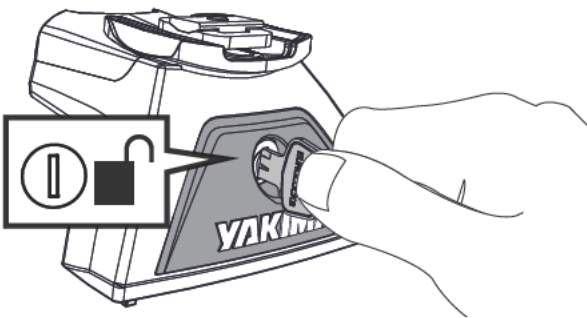
Keep all parts aside for later installation.



## 18

### REMOVE LEG COVERS

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

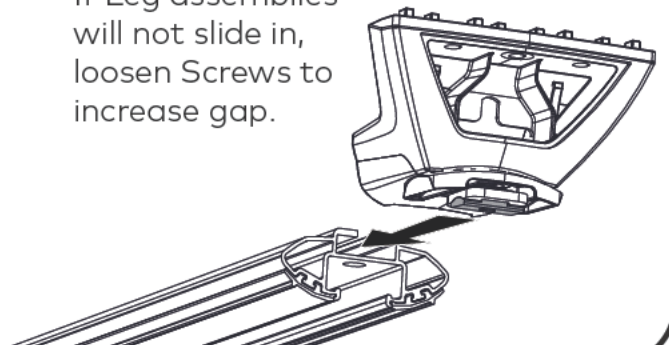


## 19

### INSERT LEGS

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

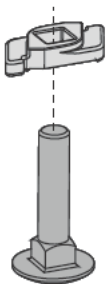
If Leg assemblies will not slide in, loosen Screws to increase gap.



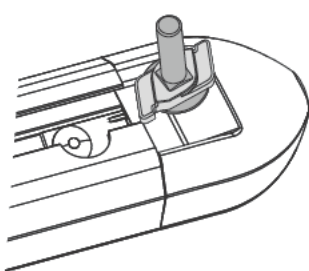
## 20

### ASSEMBLE M6 BOLT HOUSING

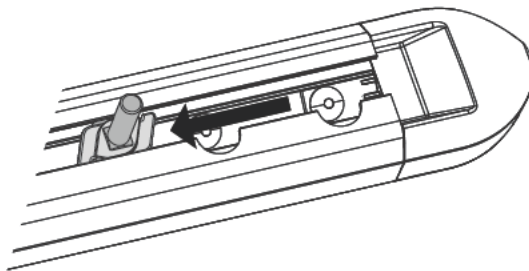
From the LockNLoad Track Kit, assemble 1 x LockNLoad M6 Bolt Housing onto each M6 Coach Bolt and insert four (4) into each Track via the Rear End Plugs as shown. **The Bolt assemblies must be rotated clockwise to lock into position.**



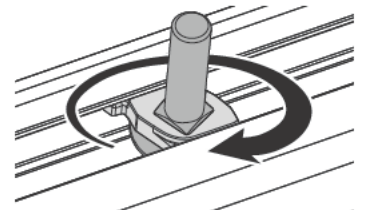
Assemble



Insert via Rear End Plugs



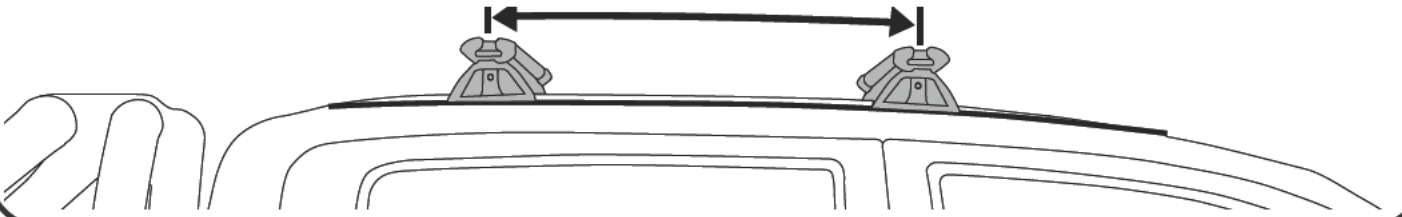
Slide assembly along inside of Track



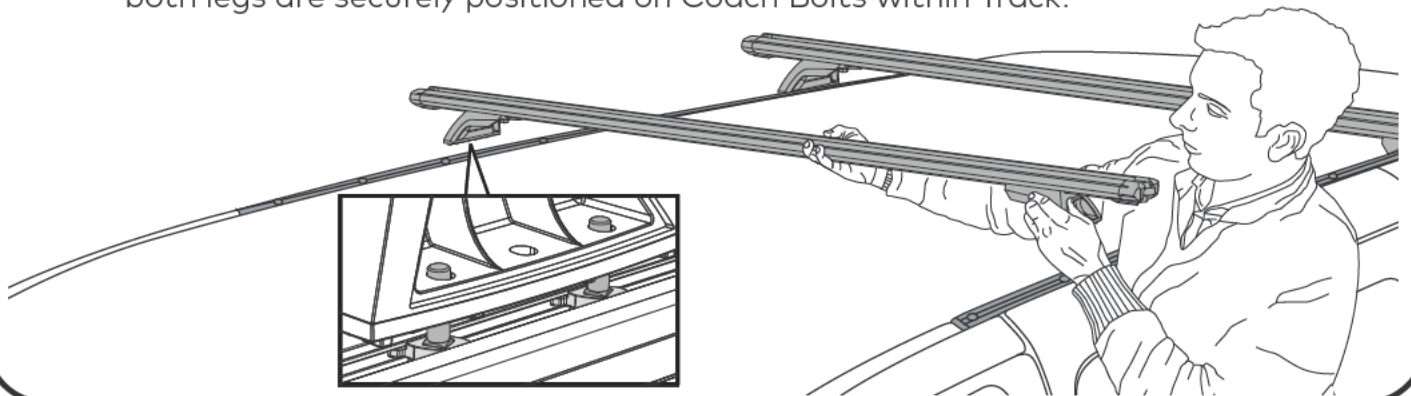
Twist Bolt assembly clockwise to lock into position

**21****BAR LOCATION**

**IMPORTANT:** Before beginning Bar installation, identify where along the Track you want the Front and Rear Bars fitted.  
We recommend Bar spacing is kept to a maximum where possible.

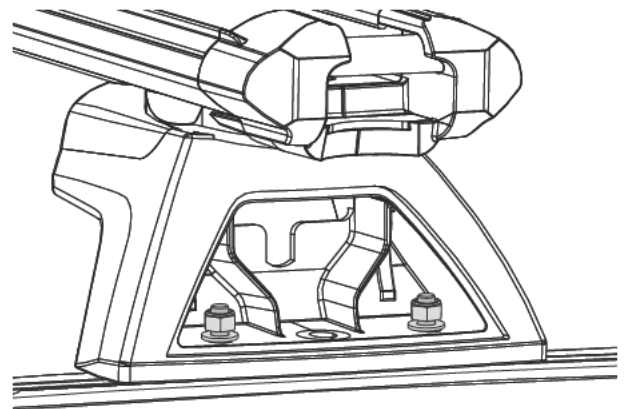
**22****BAR PLACEMENT**

Slide Bolt Housing assemblies within Track into position for Bar placement. Place front Bar assembly onto Tracks, locating the Bolts in Track through holes on Legs as shown. **Take care not to damage vehicle.** Position Legs along Bar until both legs are securely positioned on Coach Bolts within Track.

**23****SECURE BAR ASSEMBLY TO TRACKS**

From the LockNLoad Track Kit, assemble 1 x M6 Washer and 1 x M6 Nyloc Nut onto each M6 Coach Bolt as shown.

Finger tighten Nuts.

**24****ADJUST BAR OVER HANG**

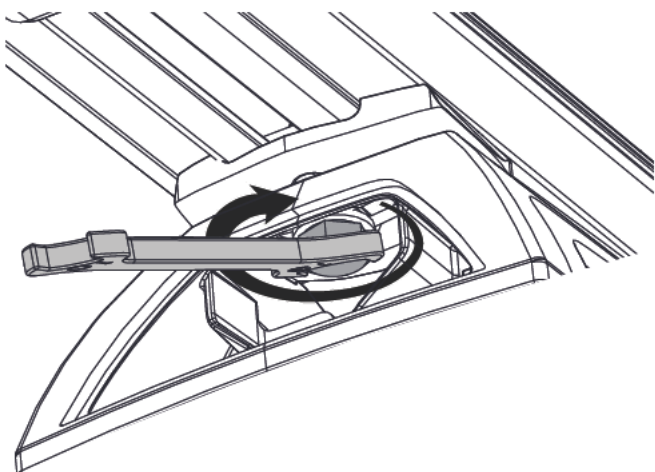
Use a Tape Measure to ensure even Bar overhang on each side, re-adjust if required by sliding bar along legs.



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

**25****SECURE LEGS TO BARS**

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

**26****REPEAT AND REMOVE**

Repeat Steps 22 - 25 for remaining bar assembly.

Carefully remove all Bar and Leg assemblies from vehicle.

**27****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.

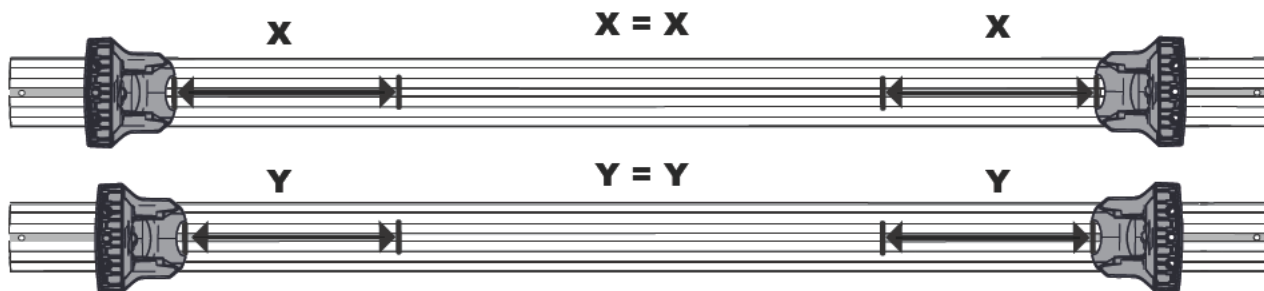
**BAR SLOT MEASUREMENTS**

Bar 1 (X)

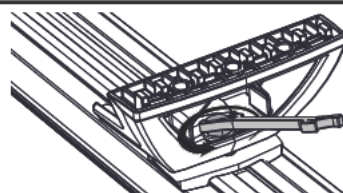
\_\_\_\_\_mm x2

Bar 2 (Y)

\_\_\_\_\_mm x2



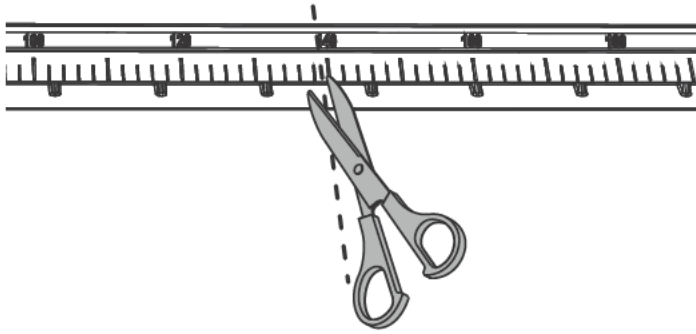
The ends of each bar should be the same measurement respectively, if not, loosen M8 Set Screws and repeat Steps 22-27.



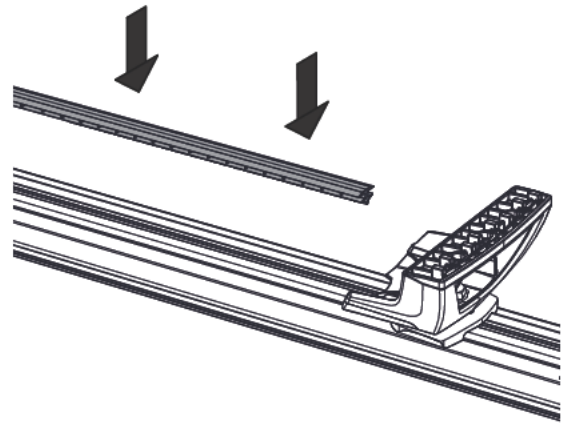


**28****BAR SLOT COVERS (INSIDE LEG)**

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.

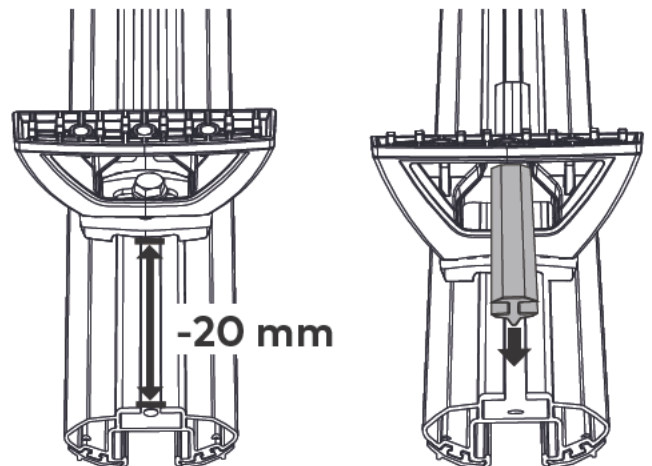


**NOTE** - Bar Slot Covers to be inserted with flat side visible

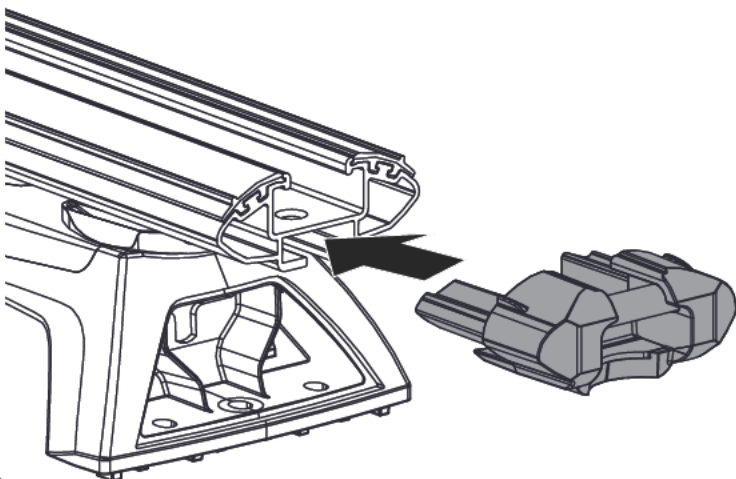
**29****BAR SLOT COVERS (OUTSIDE LEG)**

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

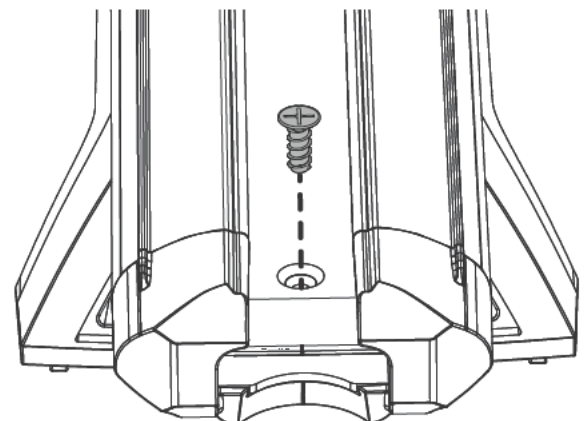
Using the remaining pieces of Slot Cover from the previous Step, cut to this length and press into the underside channel of each Bar end as shown.

**30****SECURE END CAPS TO BARS**

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

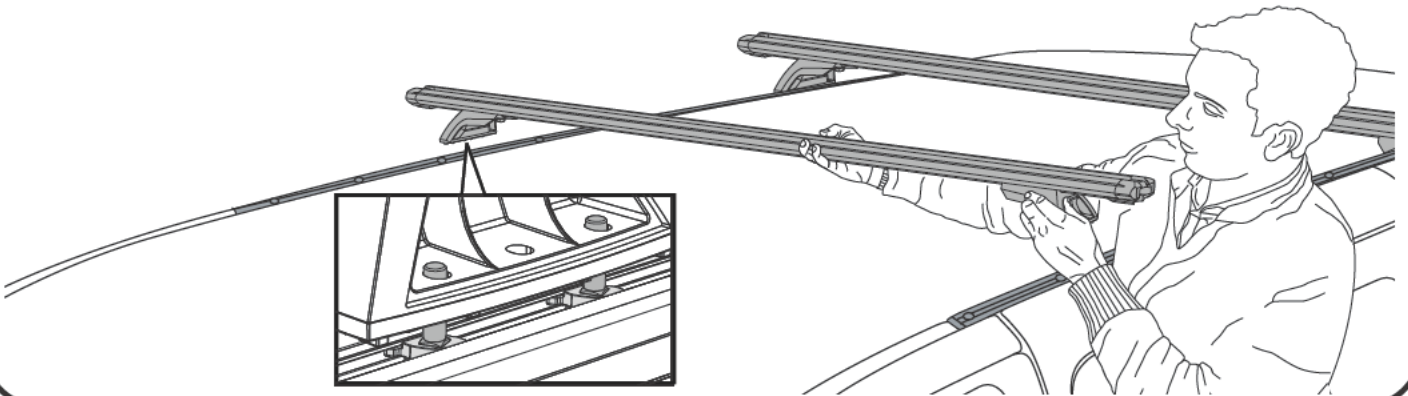
**31**

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

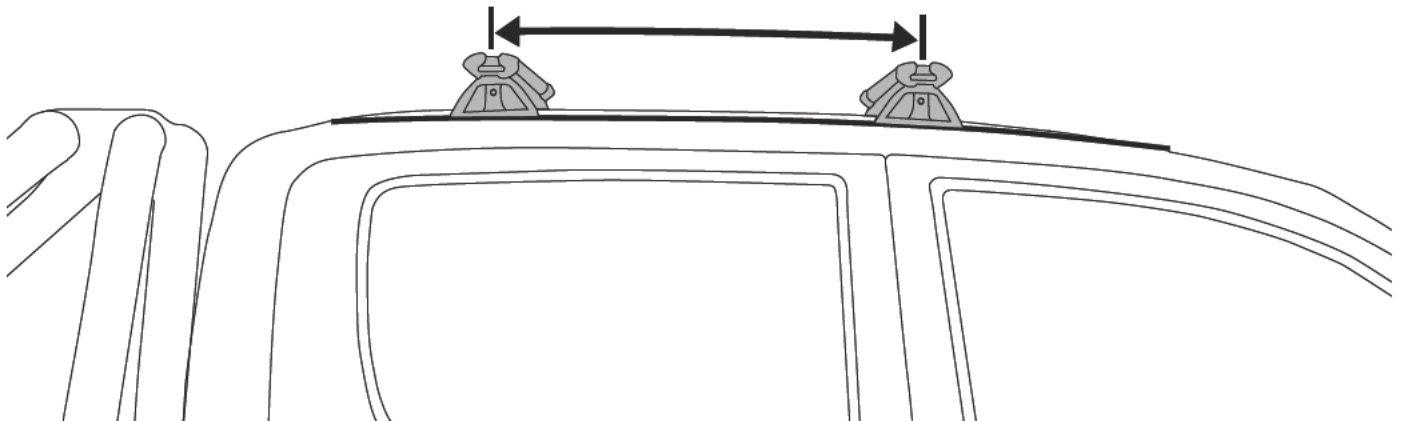


**32****BAR FITMENT**

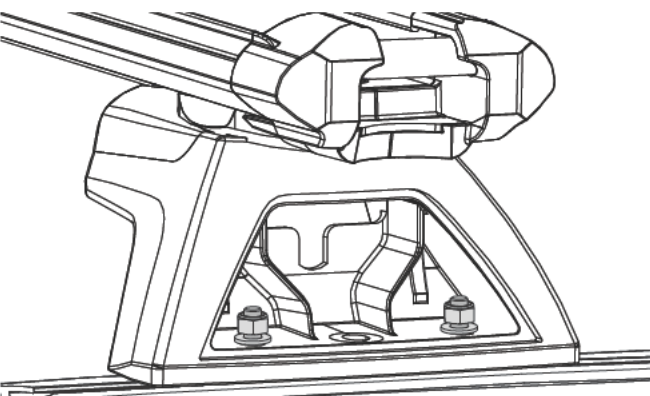
Slide Bolt Housing assemblies within Track into position for Bar placement (it doesn't have to be exact). Place Bar assembly onto Tracks, locating the Bolts in Track through holes on Legs as shown. **Take care not to damage vehicle.** Repeat for remaining Bar.

**33****BAR POSITION**

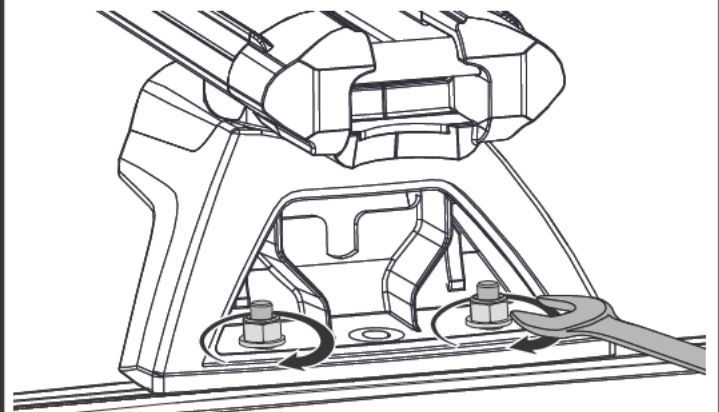
Position front and rear Bars along Tracks as required, ensuring there is a maximum distance where possible between each Bar.

**34****M6 COACH BOLT ASSEMBLY**

From the LockNLoad Track Kit, assemble 1 x M6 Washer and 1 x M6 Nyloc Nut onto each M6 Coach Bolt as shown.

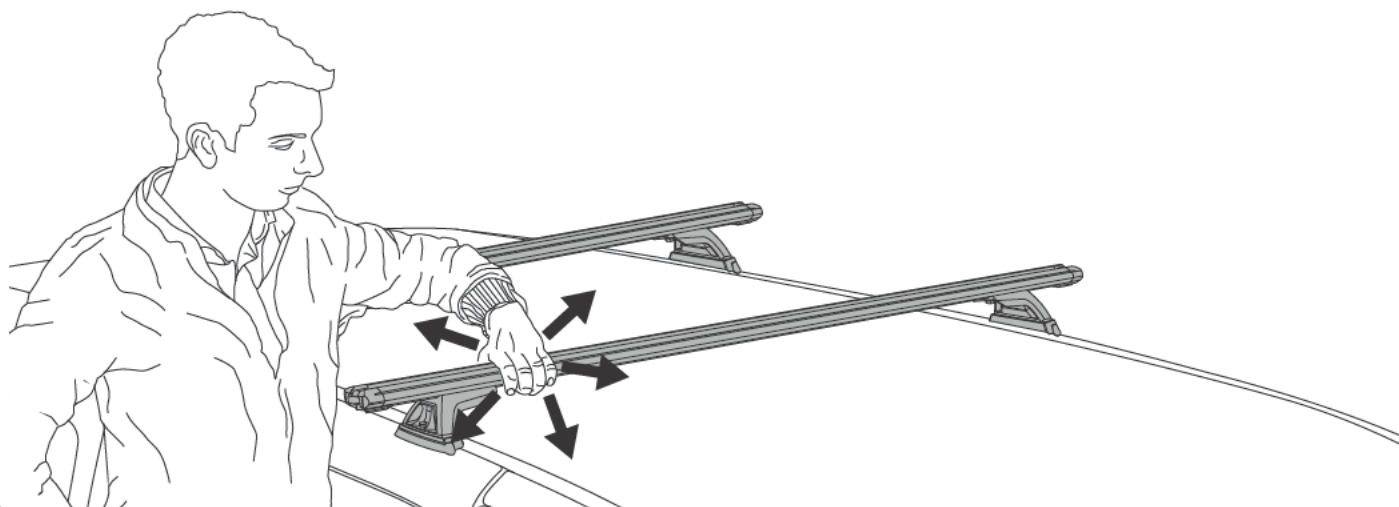
**35****SECURE BARS TO TRACKS**

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

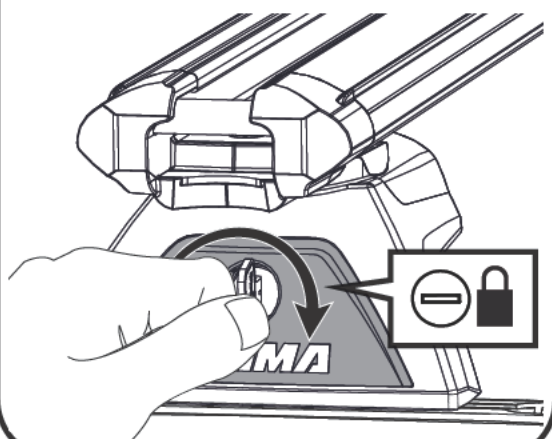


**36****CHECK BAR LEGS ARE SECURE**

Check all Bar Legs are secure.

**37****FIT LEG COVERS**

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

**38****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:



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