

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

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

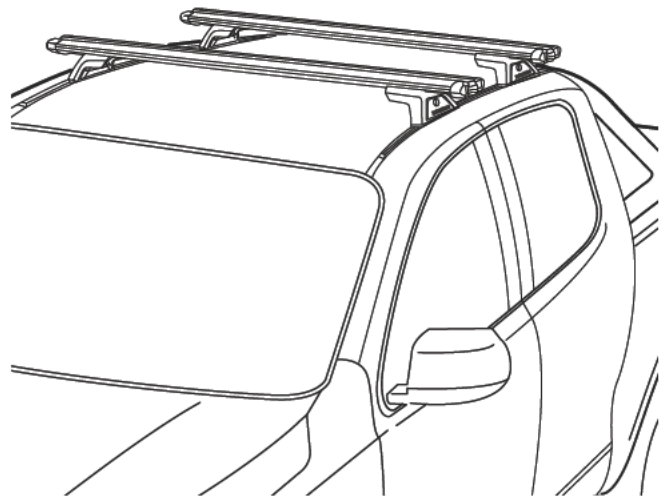
### FIRST TIME INSTALLATION

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



#### TOOLS REQUIRED:

- Marking Pen
- Tape Measure
- Masking Tape
- Scissors
- 3 mm Drill Bit
- 7 mm Drill Bit
- Drill Bit Stop
- Rivet Gun
- Tin Snips
- Flat Blade Screwdriver
- #2 Phillips Head Screwdriver
- Zinc Rich Cold Galvanising Coating
- Mastic Silicone Sealant
- Vacuum Cleaner
- 10mm Open Ended Spanner
- 13mm Socket or Spanner
- Metal File
- Die Grinder (D-Max SX only)
- Rubber Mallet (Optional)
- Power or Cordless Drill

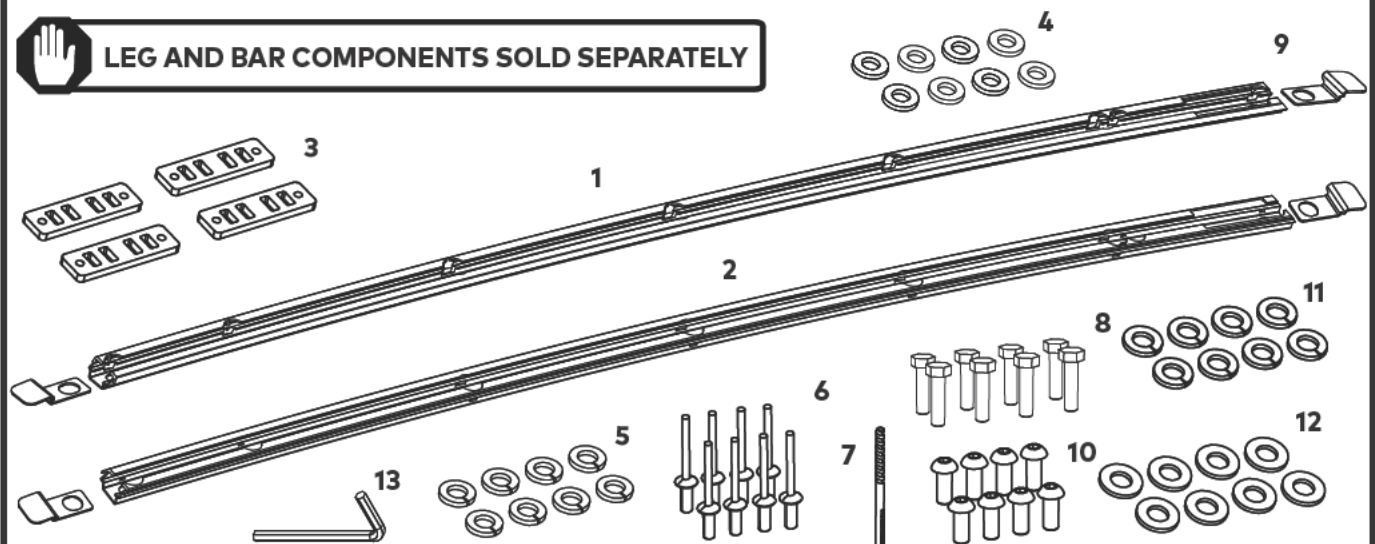


### KIT CONTENTS

ITEM	COMPONENT	QTY	ITEM	COMPONENT	QTY
1.	Track Colorado/D-Max Right Hand Side	x1	8.	M6 Hex Screw	x8
2.	Track Colorado/D-Max Left Hand Side	x1	9.	Track End Cap	x4
3.	Track Nut Plate	x4	10.	M8 Button Head Screw	x8
4.	M6 Washer	x8	11.	M8 Spring Washer	x8
5.	M6 Spring Washer	x8	12.	M8 Washer	x8
6.	Rivet	x8	13.	5mm Allen Key	x1
7.	4.9mm Drill Bit	x1			



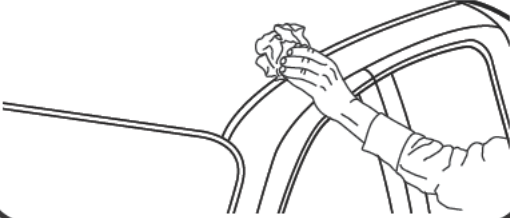
**LEG AND BAR COMPONENTS SOLD SEPARATELY**



# TRACK INSTALLATION

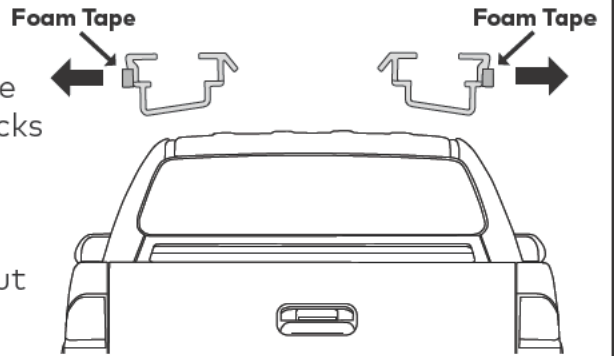
## 1 BEFORE BEGINNING INSTALLATION

Clean roof thoroughly and allow to dry before beginning installation.



## 2 TRACK ORIENTATION

The foam tape on side of Tracks faces **outside of vehicle** as shown, with rectangular cut outs at rear of vehicle.

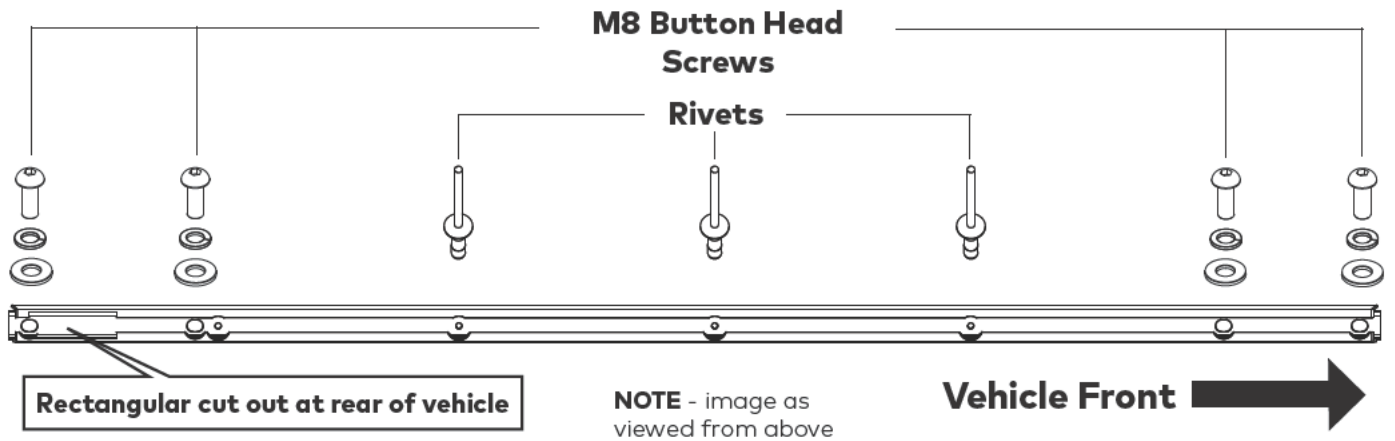


**NOTE** - image as viewed from rear of vehicle

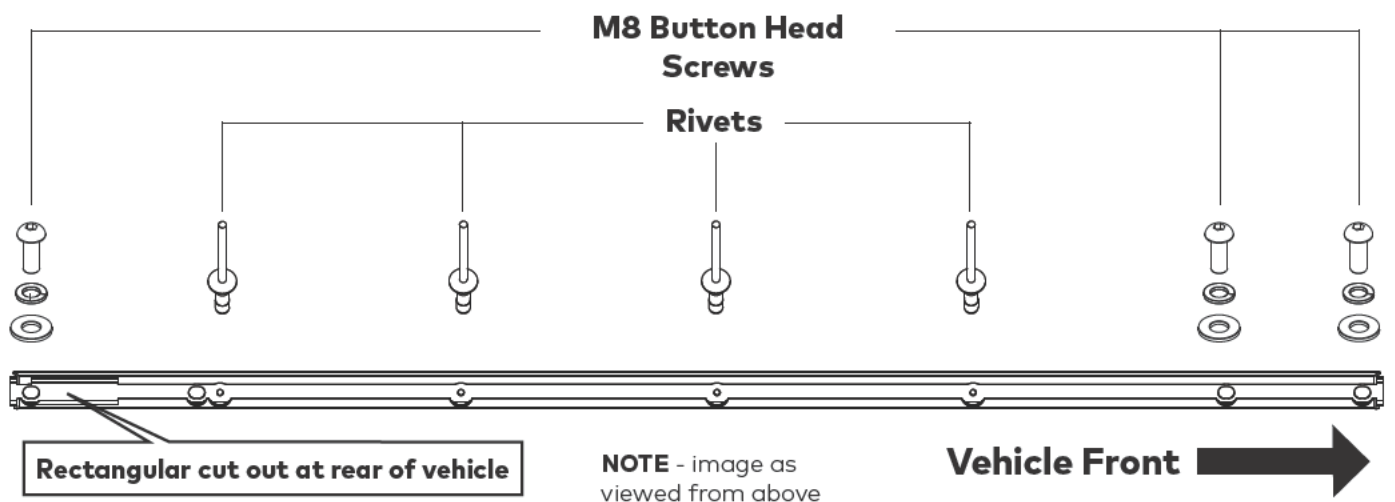
## 3 TRACK SET-UP

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

### Holden Colorado / Isuzu D-Max LS, LS-U, LS-M



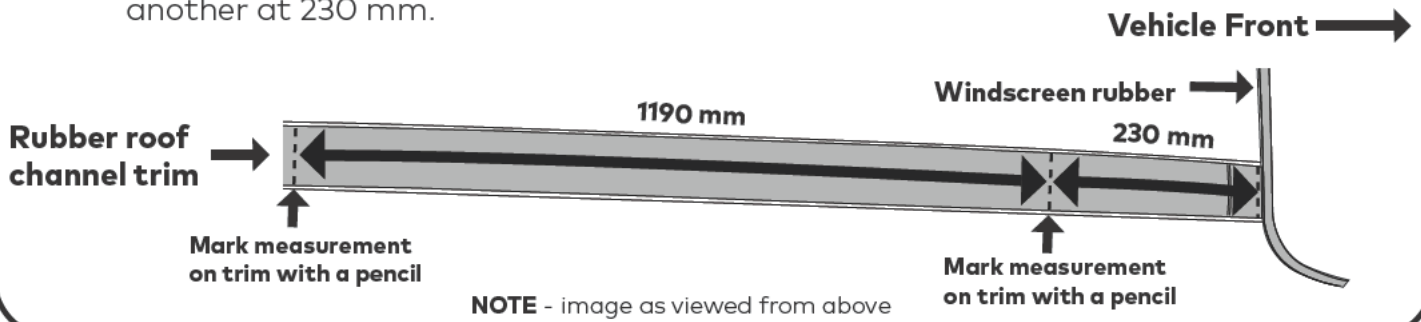
### Isuzu D-Max SX



# 4

## MEASURE ROOF TRIM

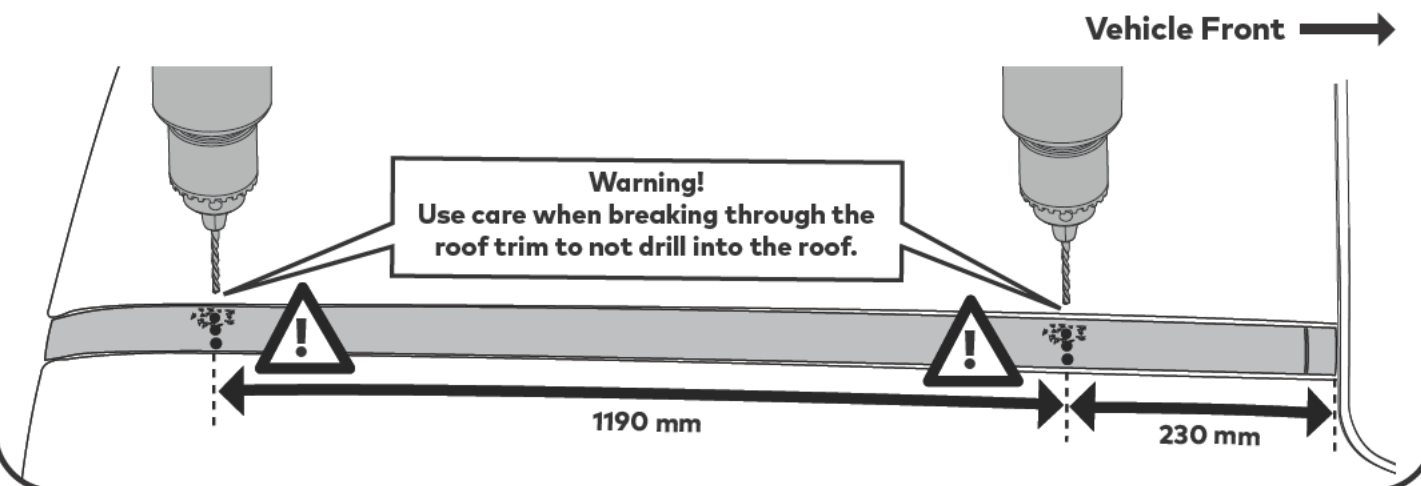
Using a Tape Measure, measure 1420 mm from the edge of the windscreen rubber (not glass edge) back along rubber roof channel trim. Ensure to measure from the centre of roof trim as shown. Use a pencil to mark measurement at 1420 mm and another at 230 mm.



# 5

## DRILL ROOF TRIM

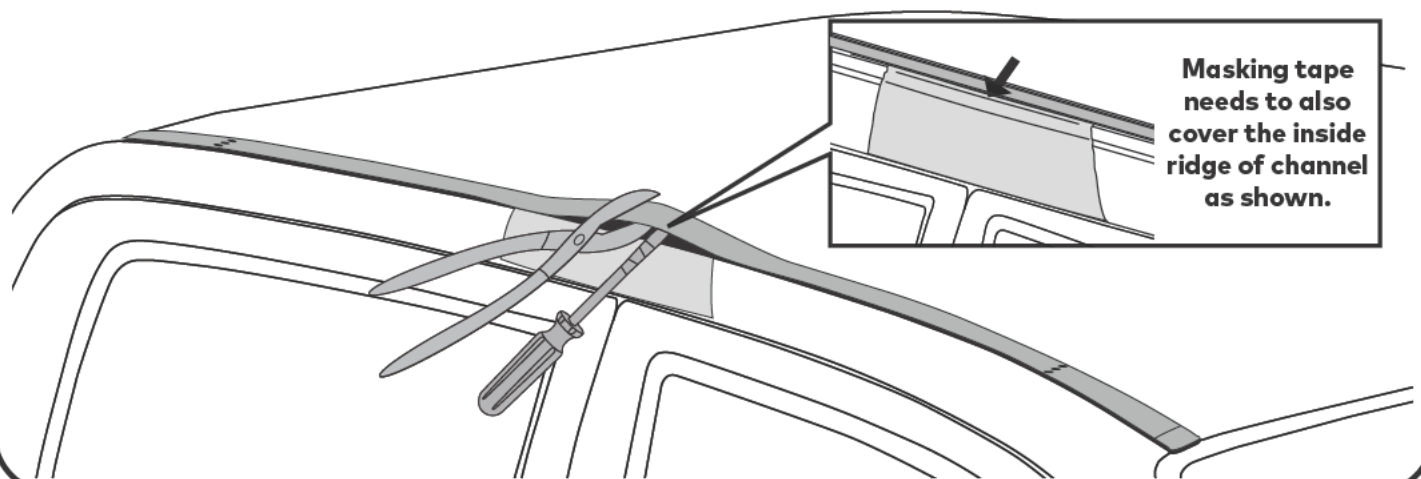
The measurements can now be carefully drilled through using a 3 mm Drill Bit (not supplied) by drilling three holes through the trim at the two marked locations. The trim has a stainless steel section inside. **Do not drill into the roof.**



# 6

## CUT ROOF TRIM

To protect paint work, place Masking Tape over middle of roof as shown. Gently lever up the middle of rubber roof channel trim with a Flat Blade Screwdriver (wrap tape around end of Screwdriver to prevent paint scratching). Use Tin Snips to cut through middle of trim.



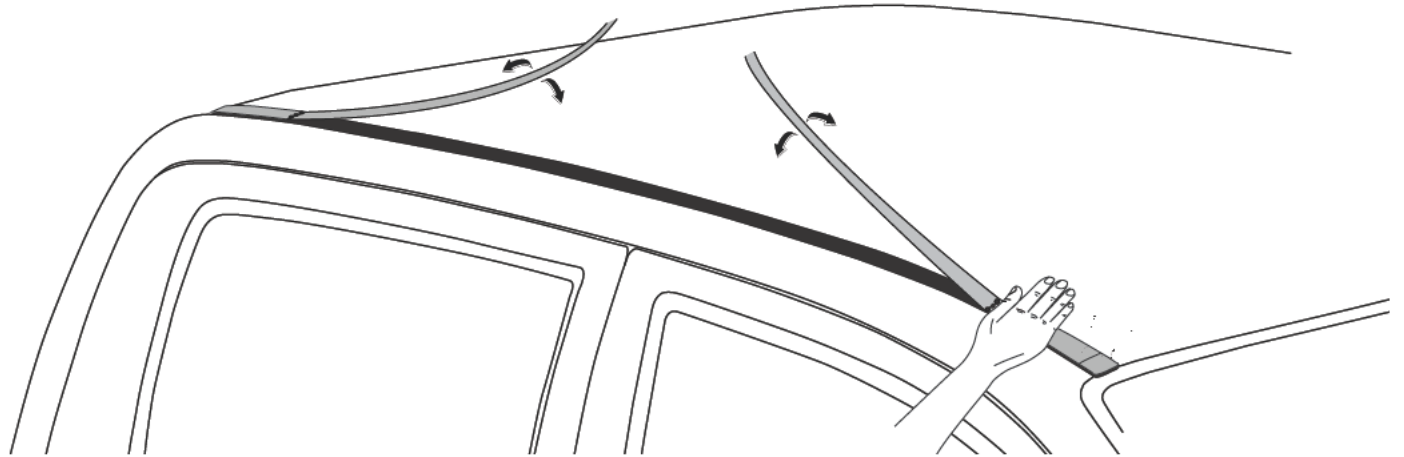
# 7

## BREAK ROOF TRIM

Using your thumb to support trim at drilled holes, bend the cut trim sections back and forth to break at drilled holes. Some force may be required to snap the stainless steel section in trim.

Neaten edges where trim has broken as much as possible.

Remove all Tape from vehicle roof.

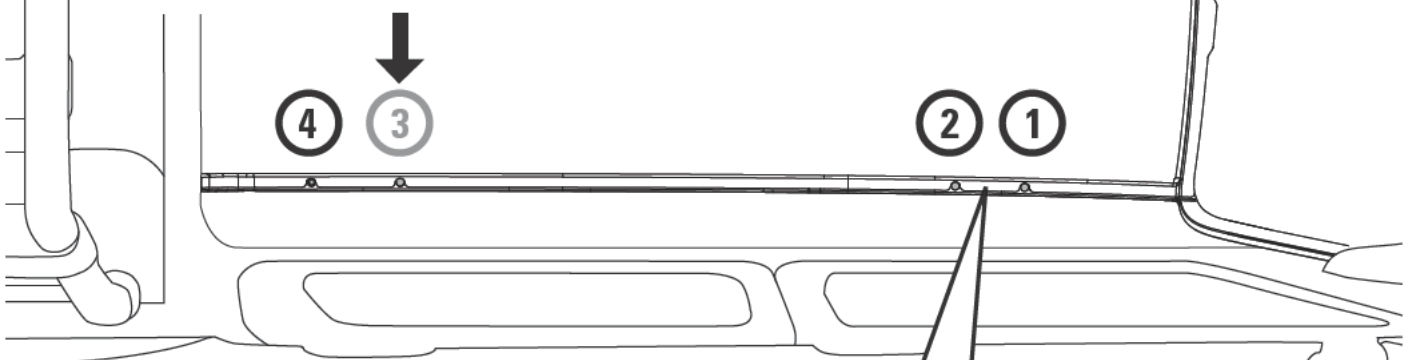


# 8

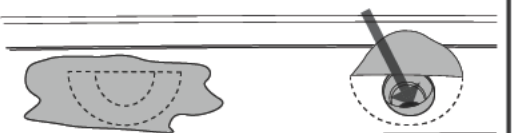
## REVEAL MOUNTING POINTS

With the trim pieces removed, the M8 mounting points can now be accessed. The mounting points are covered with paint and tape. Use a sharp tool to remove paint and peel away tape covering holes to reveal screw thread. If the roof panel overlaps the hole and impedes on accessing the thread, carefully file the roof panel to allow clearance for inserting the M8 Button Head Screws.

**NOTE - Isuzu D-Max SX Models do not feature a third (#3) mounting point. Proceed to Page 10 for supplement D-Max SX fitting instructions.**



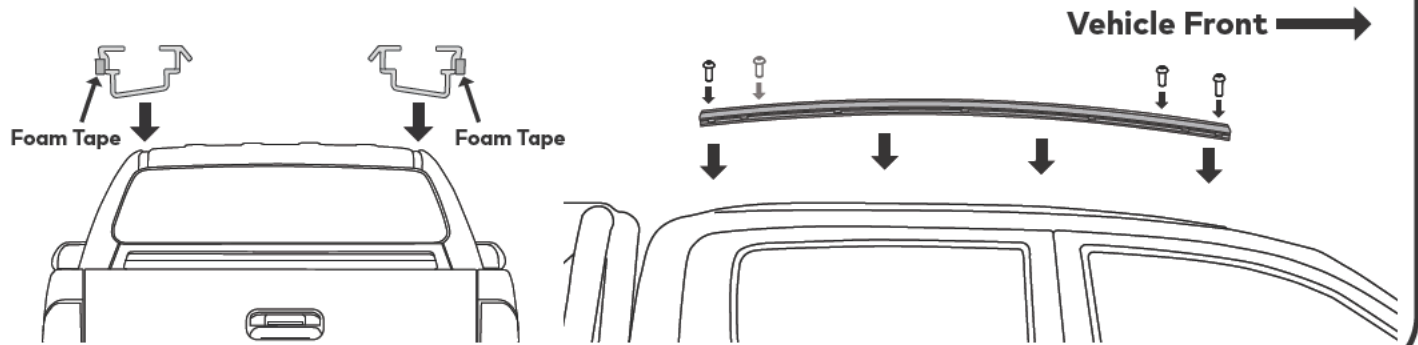
**File overlapping panel if shape of hole won't allow clearance for inserting the M8 Button Head Screws.**



## 9 ALIGN AND SECURE TRACK

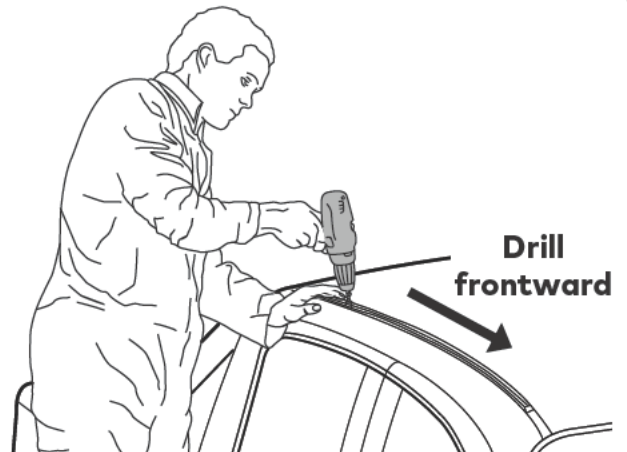
Place Track into roof channel, ensuring Track orientation is correct as shown. Align Track and eliminate movement within the roof channel during spot drilling by inserting M8 Button Head Screws into each of the mounting holes through track.

Secure using the supplied Allen Key.  
Isuzu D-Max SX models secured using holes 1, 2 and 4.

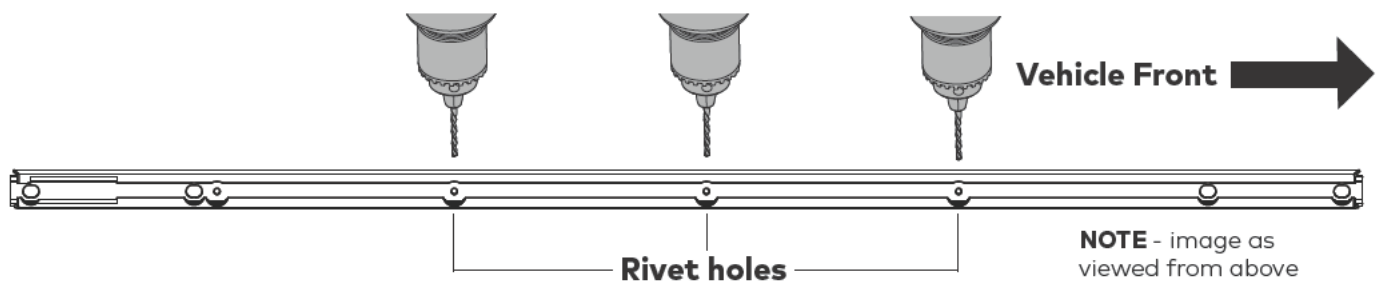


## 10 SPOT DRILL RIVET HOLES

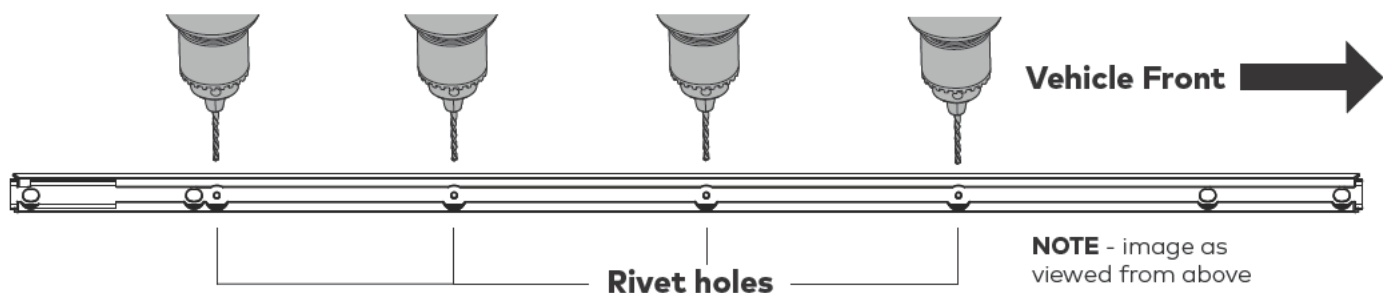
Using the supplied 4.9 mm Drill Bit, drill each of the applicable rivet holes as shown below. **Start from the rear of the vehicle working consecutively frontward.** Ensure the Track does not move during this process by maintaining downward pressure on the Track while spot drilling holes. Use the help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



### Holden Colorado / Isuzu D-Max LS, LS-U, LS-M



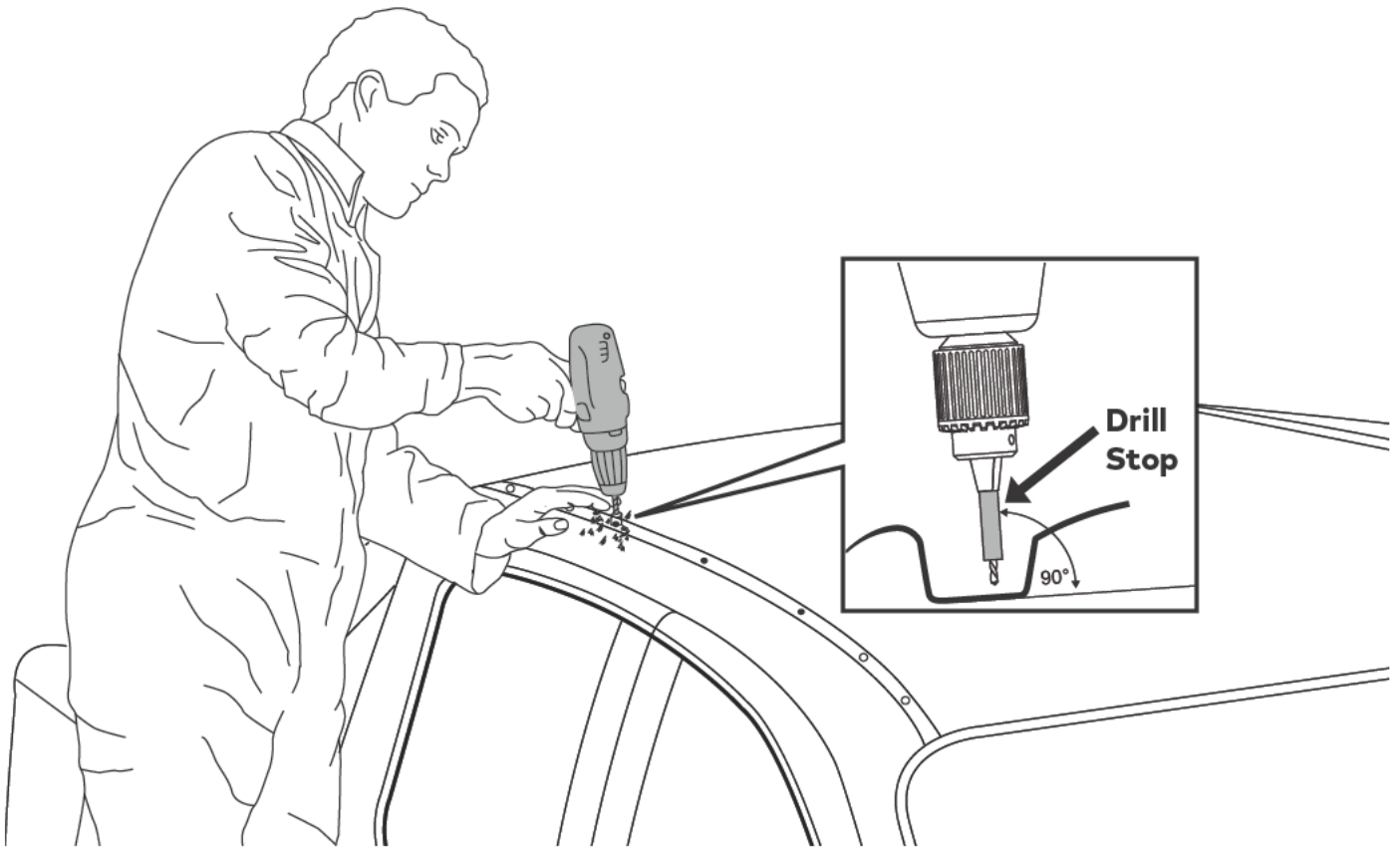
### Isuzu D-Max SX



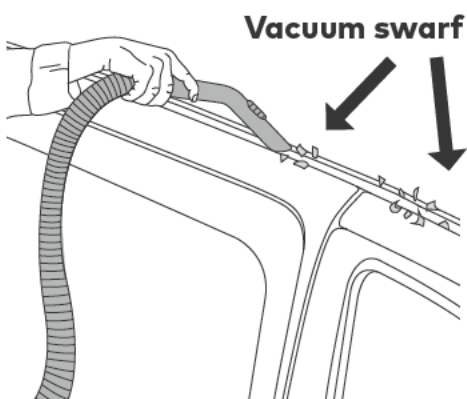
**11****DRILL ROOF CHANNEL**

All rivet holes can now be carefully drilled through. **To avoid drilling into roof lining a drill stop must be used.** The roof skin is approx. 2-3 mm thick.

**Ensure that a drilling angle perpendicular to the roof angle is maintained.**

**12****REMOVE SWARF**

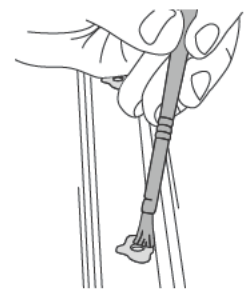
Avoid pushing swarf into the newly drilled holes by removing swarf from roof channel with a Vacuum Cleaner.

**13****APPLY PROTECTIVE SEALANTS****Stage 1**

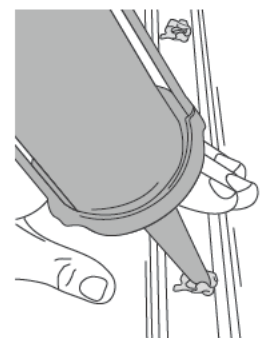
Liberaly apply a Zinc Rich Cold Galvanising Solution to the inside surface and surrounds of each drilled hole. Allow solution to become touch dry before proceeding with Stage 2 (approx. 10 min depending on product used).

**Stage 2**

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



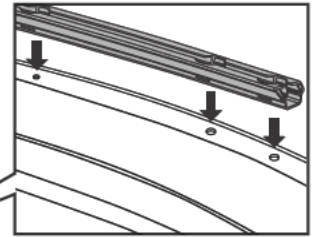
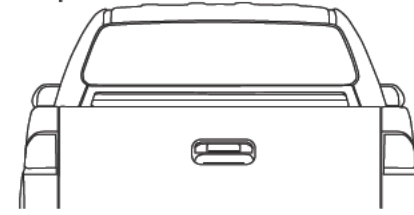
**Stage 1**  
Apply liberaly in and around holes



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

## 14 PLACE TRACK BACK INTO ROOF CHANNEL

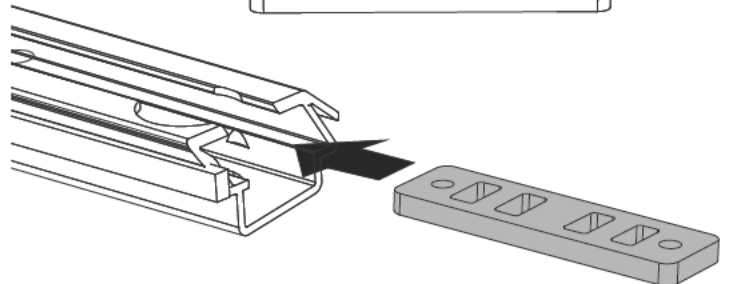
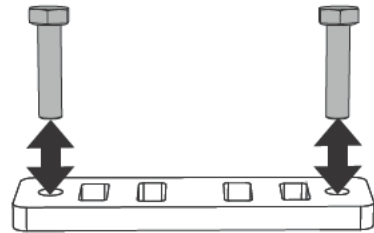
Accurately place Tracks over drilled holes in roof channel, ensuring Track orientation is correct as shown.



## 15 INSERT NUT PLATES

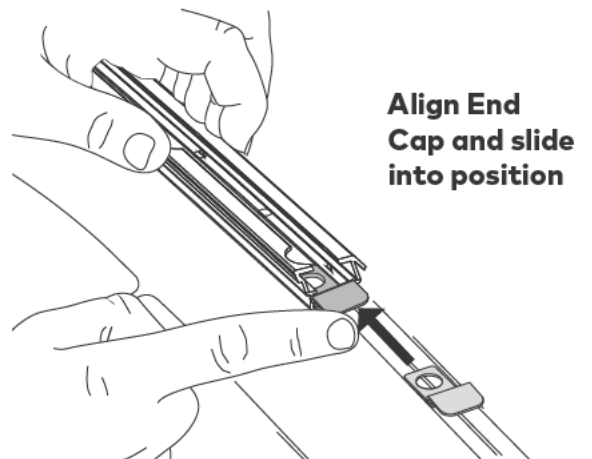
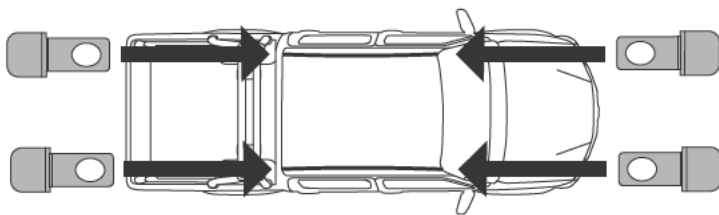
Run all of the M6 Hex Screws through the Nut Plates as shown. This will aid installation in Step 36

Slide Nut Plates into each Track end.



## 16 END CAP FITMENT

Assemble End Caps within Tracks as shown, taking note of End Cap orientation.



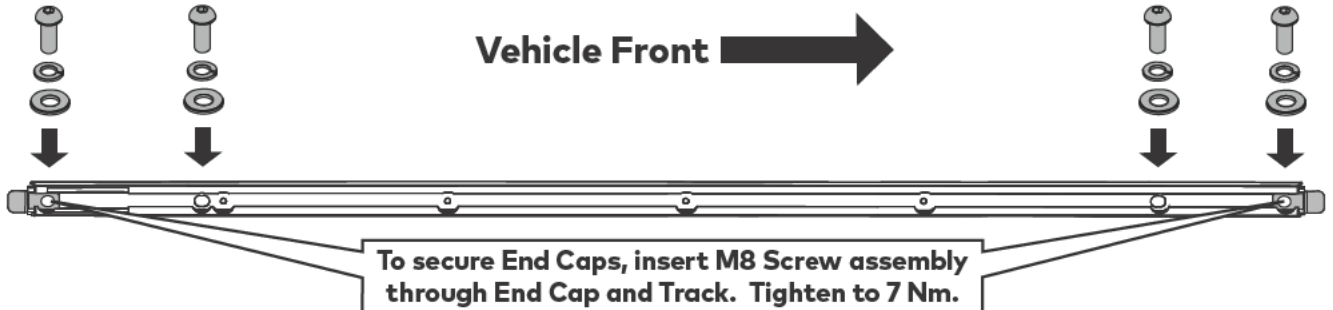
Align End Cap and slide into position

# 17

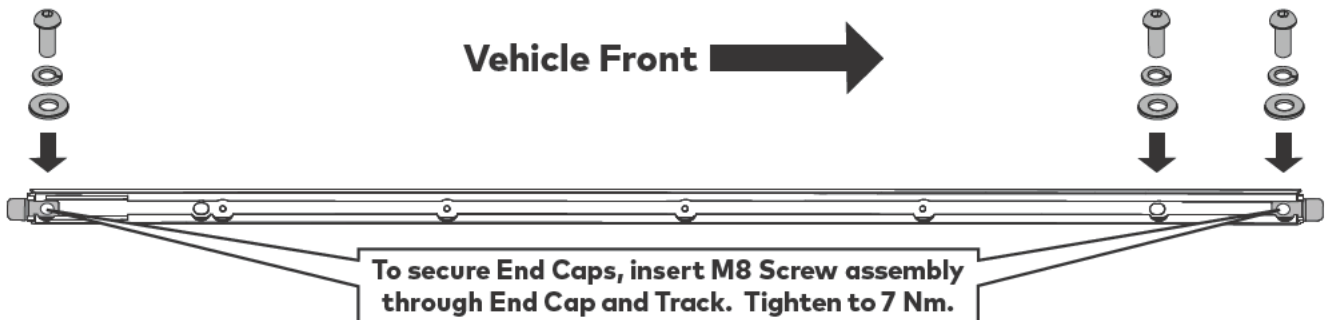
## INSTALL M8 SCREWS AND SECURE END CAPS

Assemble 1 x M8 Spring Washer and 1 x M8 Washer onto each M8 Button Head Screw in the order shown and insert into the M8 Screw holes through Track. Tighten to 7 Nm.

### Holden Colorado / Isuzu D-Max LS, LS-U, LS-M



### Isuzu D-Max SX

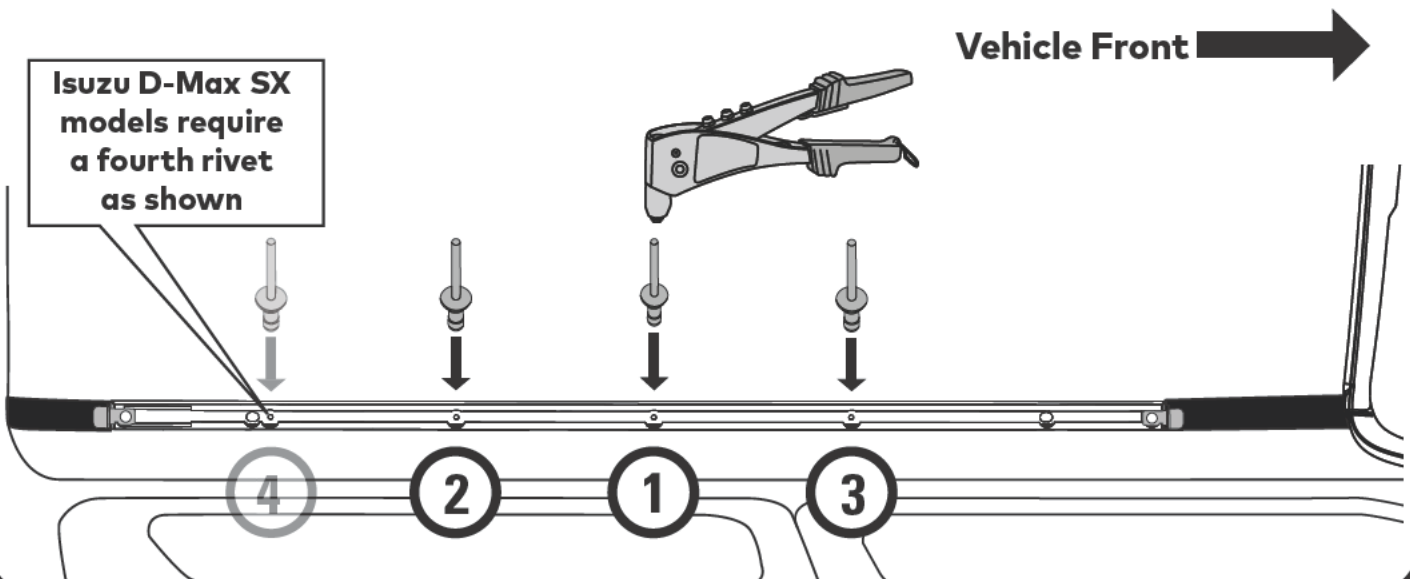


# 18

## TRACK INSTALLATION

Align Track and insert all Rivets in their respective holes through Track into roof channel.

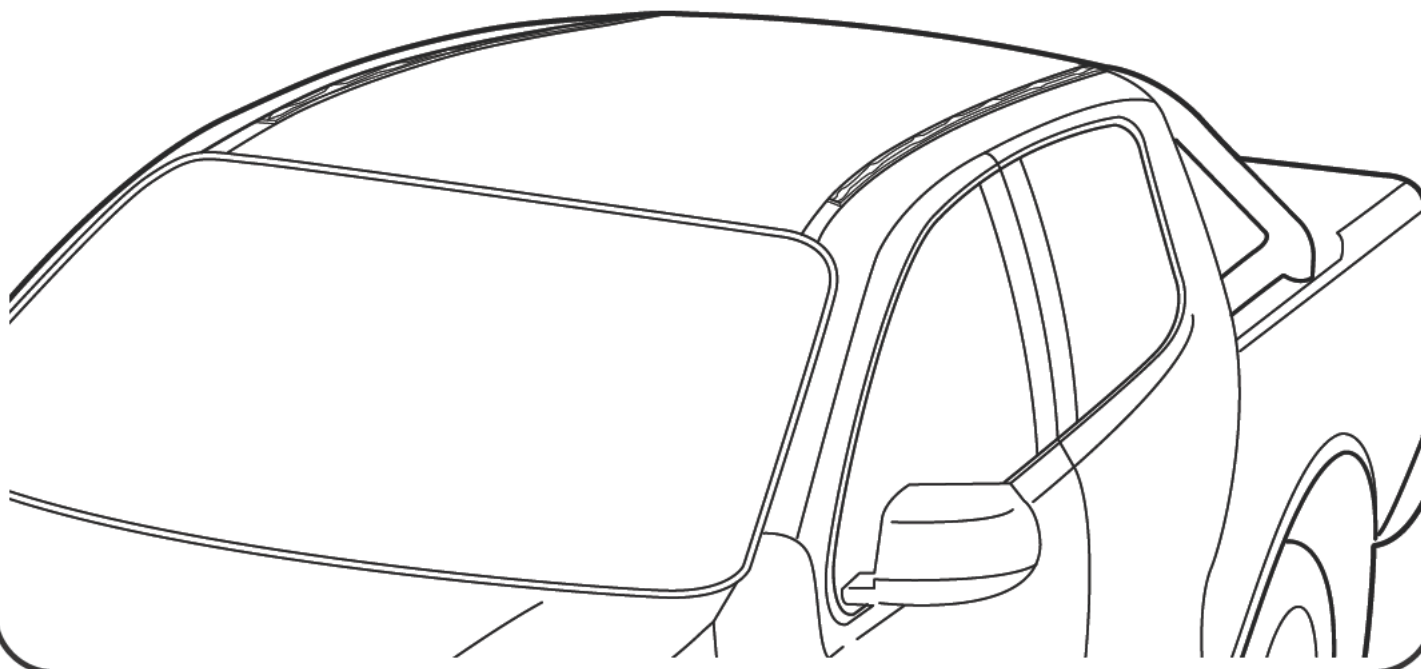
Using a Rivet Gun, punch each Rivet starting from the centre Rivet, then follow the numerical riveting order as shown.





**19****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 20**

**IF INSTALLING LockNLoad PLATFORM, NOW SWITCH TO YOUR PLATFORM INSTRUCTIONS**

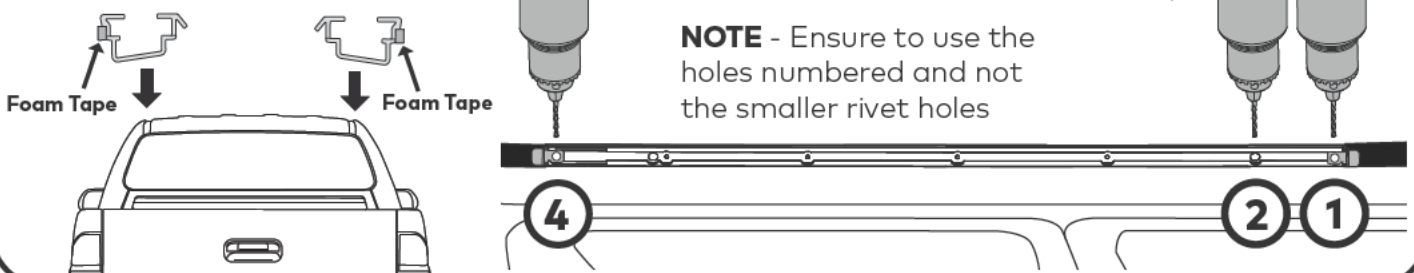
# ISUZU D-MAX SX SUPPLEMENT STEPS

## 1A SPOT DRILL MOUNTING POINTS

Place Track into roof channel, ensuring Track orientation is correct as shown.

Using a 3 mm Drill Bit (not supplied), spot drill the **centre** of the first, second and fourth M8 mounting points in the Track as shown. Ensure the Track does not move during this process by maintaining downward pressure on the Track while spot drilling holes. Use the help of an assistant if required. Once complete, remove Track taking care not to scratch vehicle.

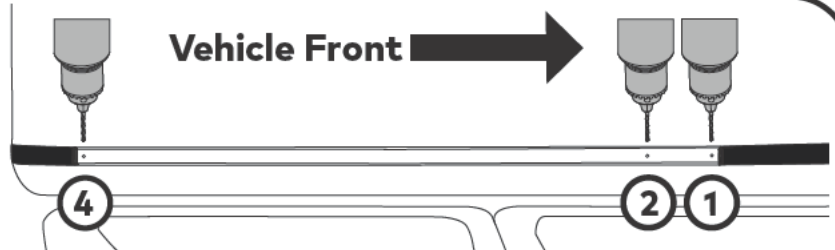
Vehicle Front →



## 1B DRILL ROOF CHANNEL

The spot drilled Mounting Points can now be opened out using a 7 mm Drill Bit (not supplied).

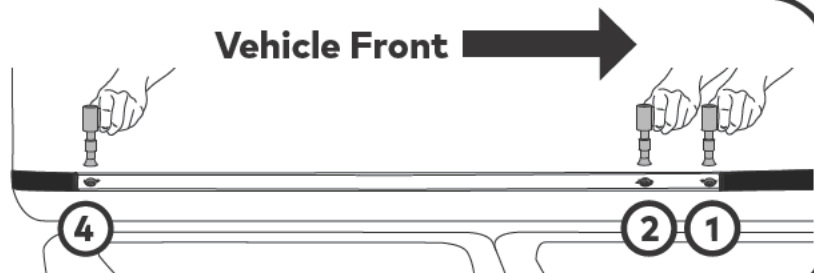
Vehicle Front →



## 2 DIE GRIND HOLES

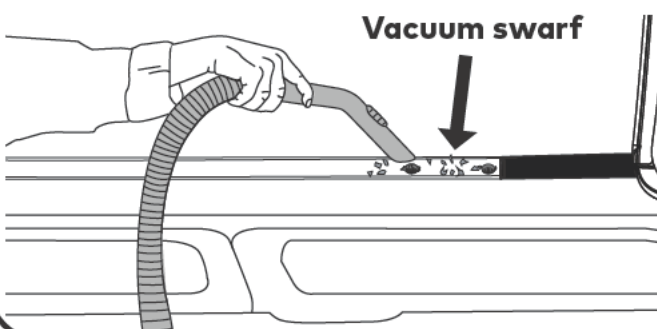
Die Grind the opened out holes from the previous steps. This will expose the M8 mounting points below.

Vehicle Front →



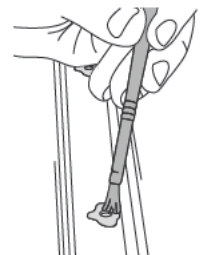
## 3 REMOVE SWARF

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



## 4 APPLY GALVANISING SOLUTION

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



## 5 GO BACK TO PAGE 5 AND FOLLOW STEPS 9 - 40 TO COMPLETE INSTALLATION

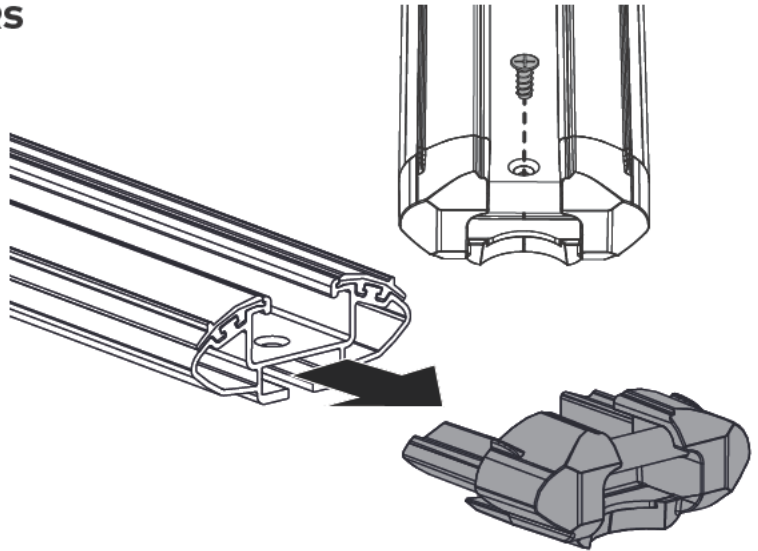
## BAR INSTALLATION

20

### 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.

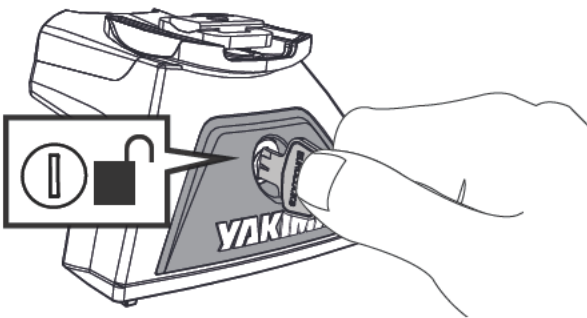
Keep all parts aside for later installation.



21

### REMOVE LEG COVERS

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

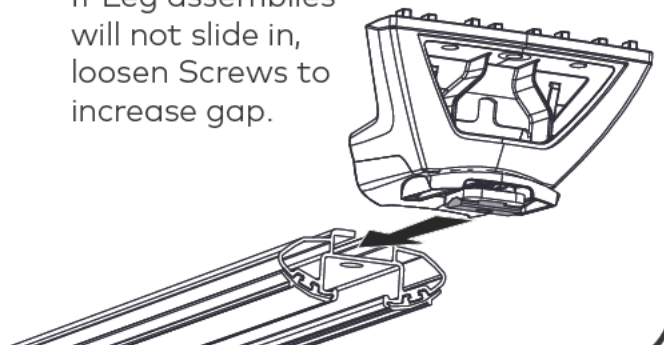


22

### 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.

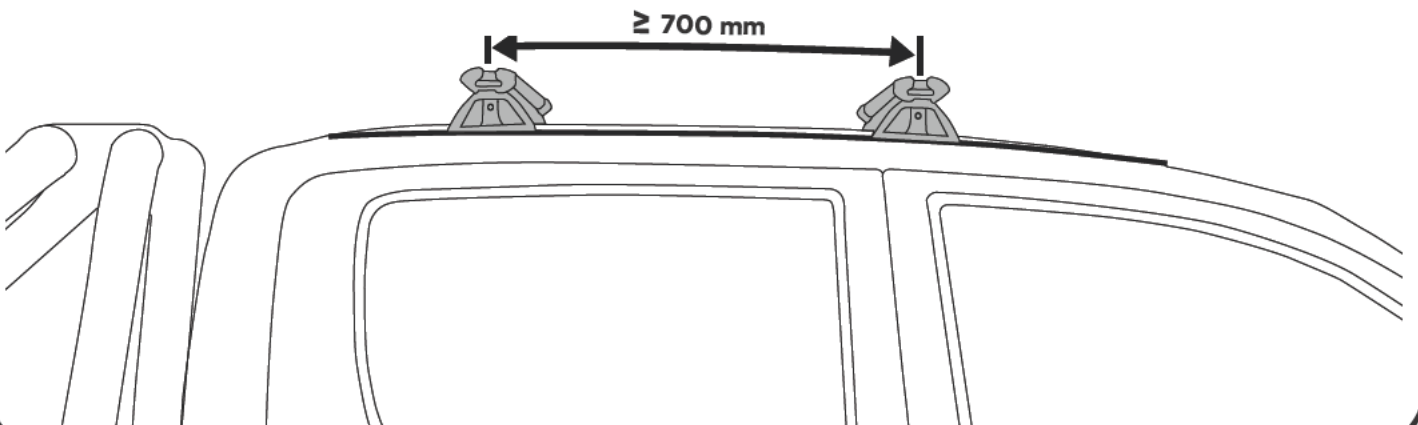


23

### BAR LOCATION

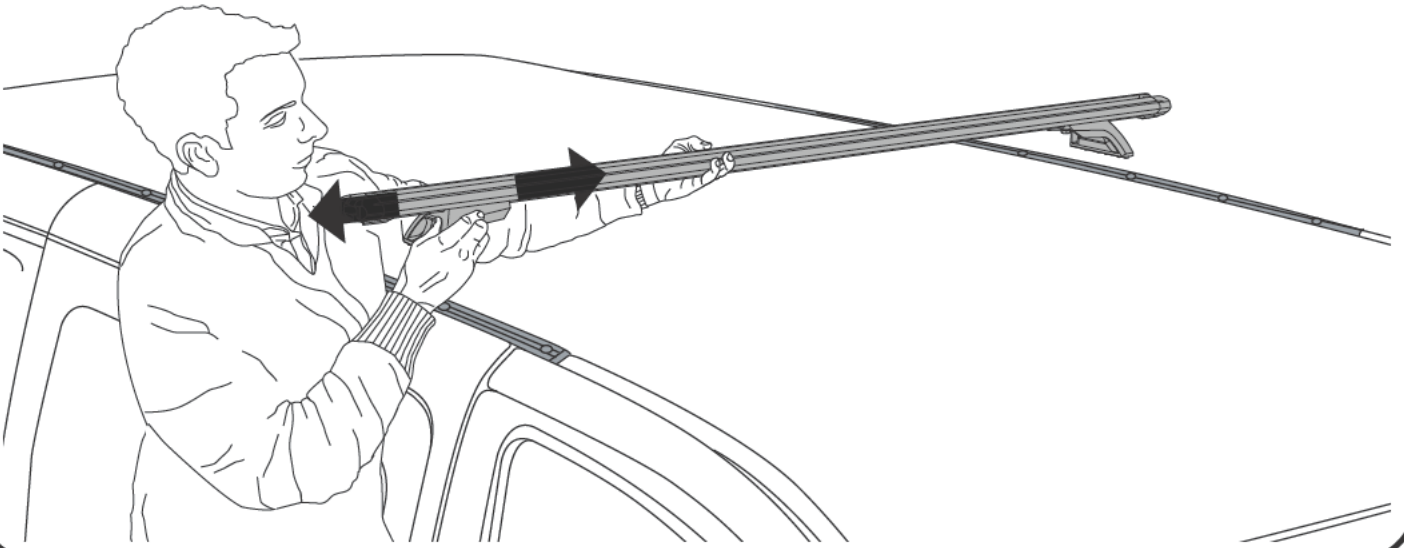
**IMPORTANT:** Before beginning Bar installation, identify where along the Track you want the Front and Rear Bars fitted.

We recommend a minimum of 700 mm between Bars.



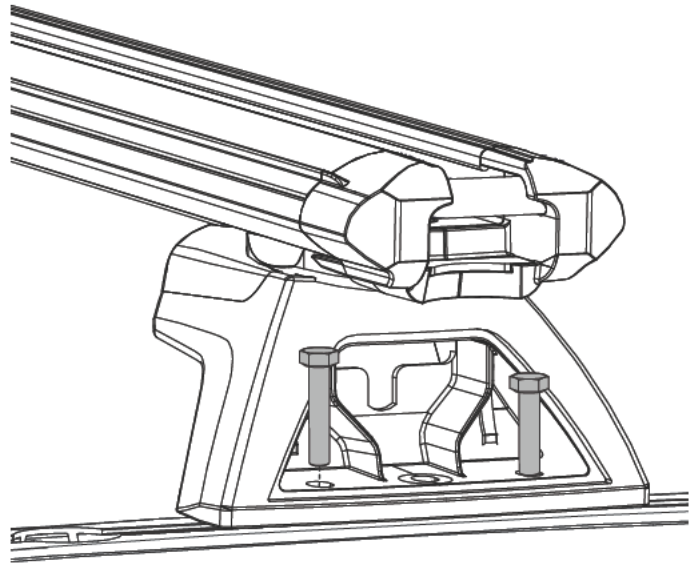
**24****BAR PLACEMENT**

Carefully place a Bar assembly over Nut Plates, 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 Nut Plates within Track.

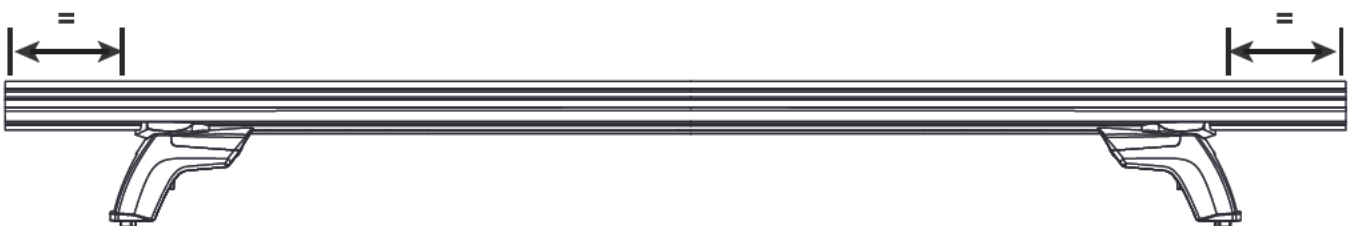
**25****SECURE BAR ASSEMBLY TO TRACKS**

From the LockNLoad Track Kit, insert 1 x M6 Hex Screw through the two outer holes on Legs into Nut Plate as shown.

Loosely secure Screws using a 5 mm ball end Allen Key.

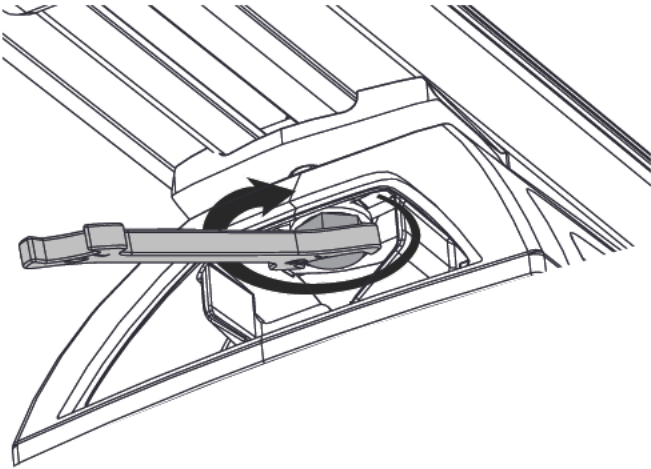
**26****ADJUST BAR OVER HANG**

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



**27****SECURE LEGS TO BARS**

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

**28****REPEAT AND REMOVE**

Repeat Steps 24 - 27 for remaining bar assembly.

Carefully remove all Bar and Leg assemblies from vehicle.

**29****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.

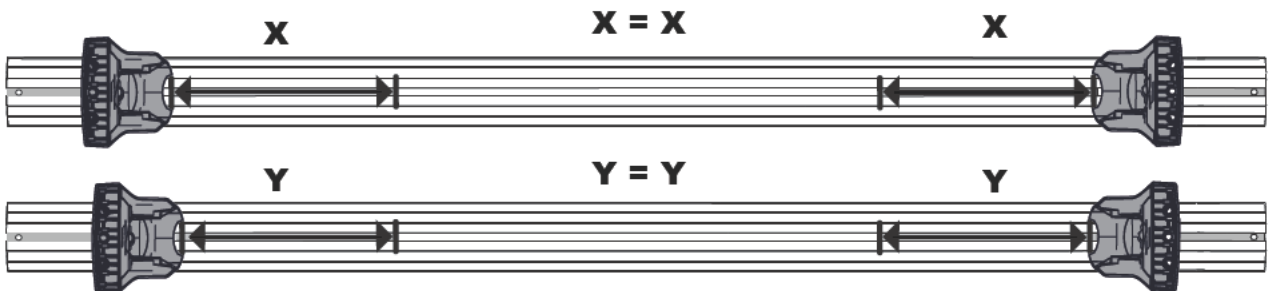
**BAR SLOT MEASUREMENTS**

Bar 1 (X)

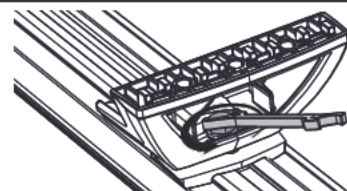
\_\_\_\_\_mm x2

Bar 2 (Y)

\_\_\_\_\_mm x2

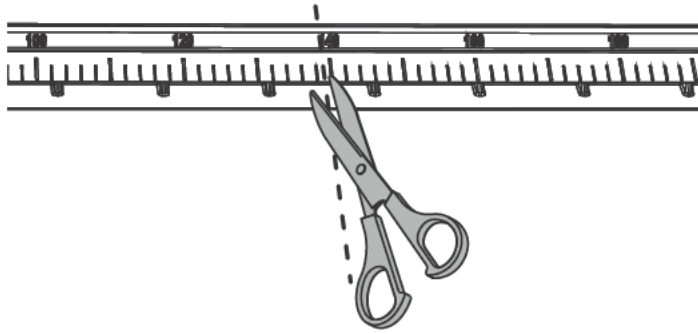


The ends of each bar should be the same measurement respectively, if not, loosen M8 Set Screws and repeat Steps 24 - 29.

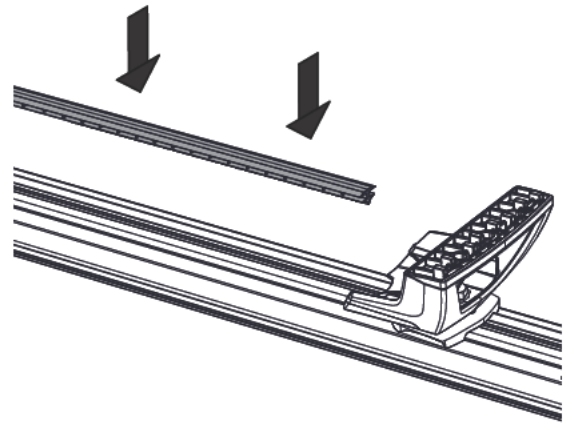


**30****BAR SLOT COVERS (INSIDE LEG)**

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.

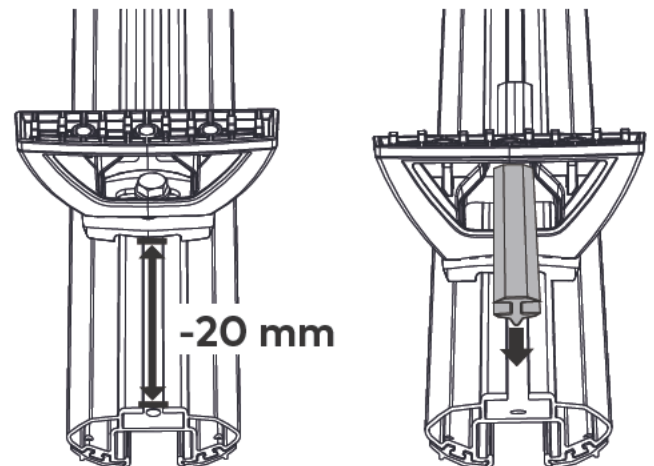


**NOTE** - Bar Slot Covers to be inserted with flat side visible

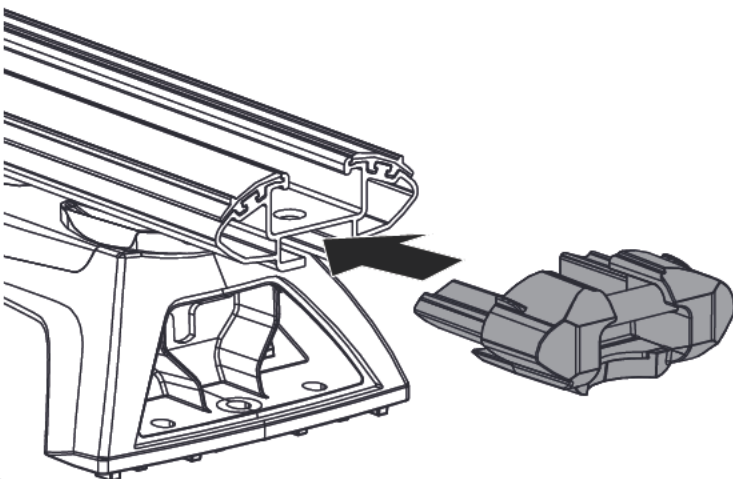
**31****BAR SLOT COVERS (OUTSIDE LEG)**

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

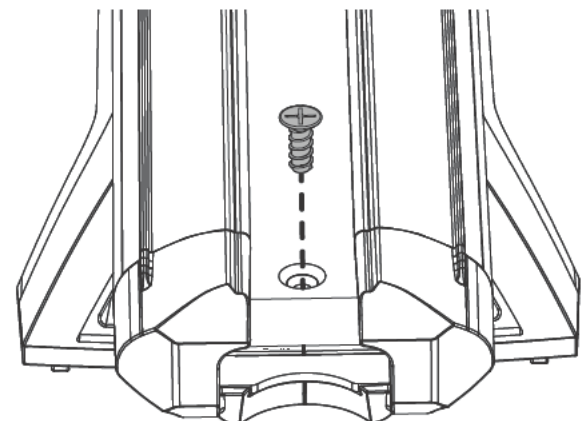
Using the remaining pieces of Slot Cover from the previous Step, cut to this length and press into the underside channel of each Bar end as shown.

**32****SECURE END CAPS TO BARS**

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

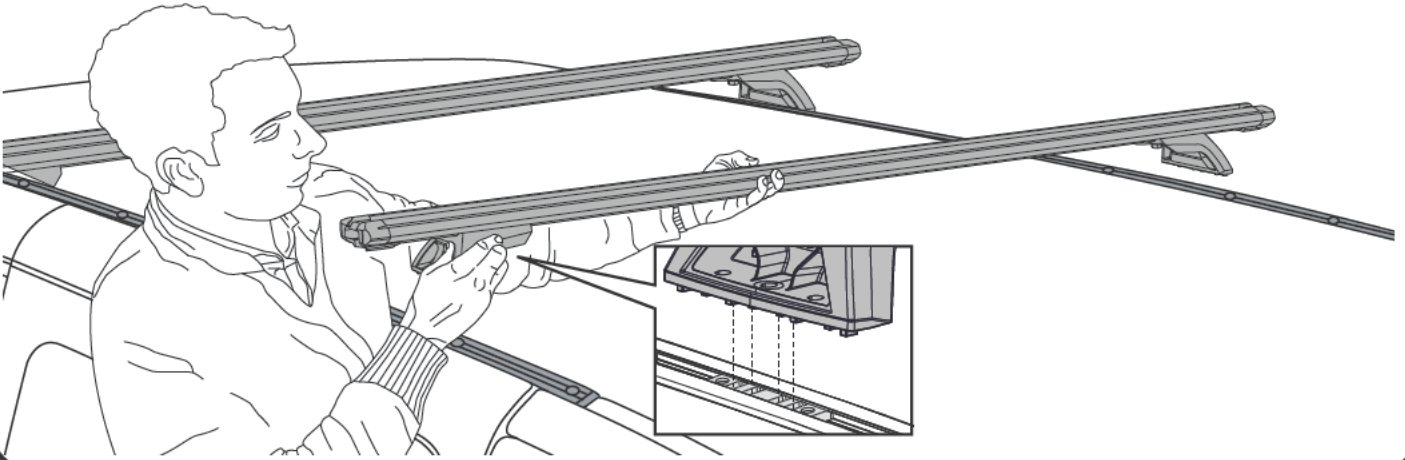
**33**

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



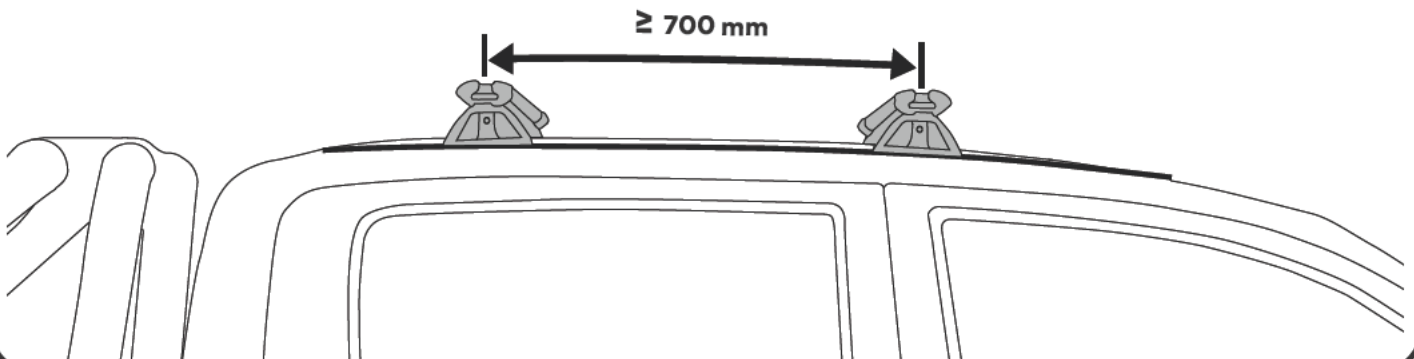
**34****BAR FITMENT**

Slide Nut Plates in Track into position for 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 Bar.

**35**

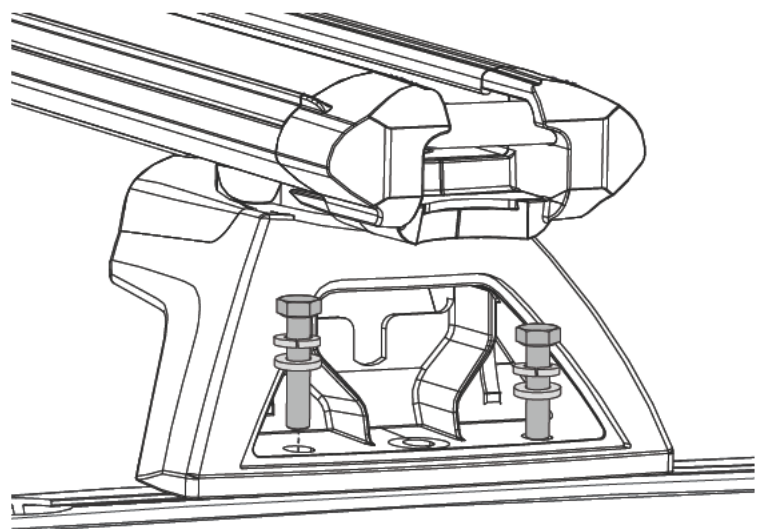
Position front and rear Bars along Tracks as required, ensuring there is a minimum distance of 700 mm between each Bar.

Measure from the centre of each Leg as shown.

**36****M6 HEX SCREW ASSEMBLY**

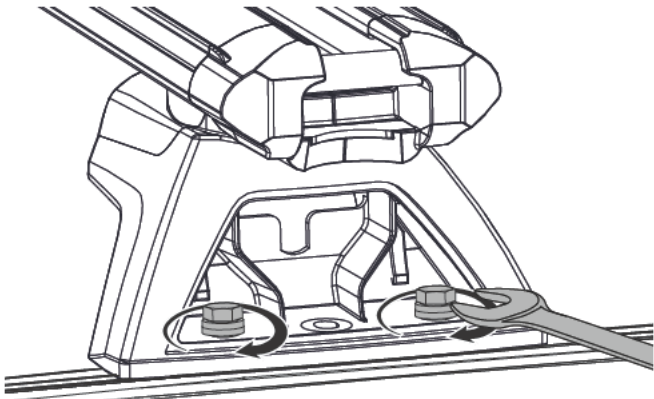
From the LockNLoad Track Kit, assemble 1 x M6 Spring Washer and 1 x M6 Washer onto each M6 Hex Screw.

Insert through the outer holes on Legs into Nut Plates as shown.

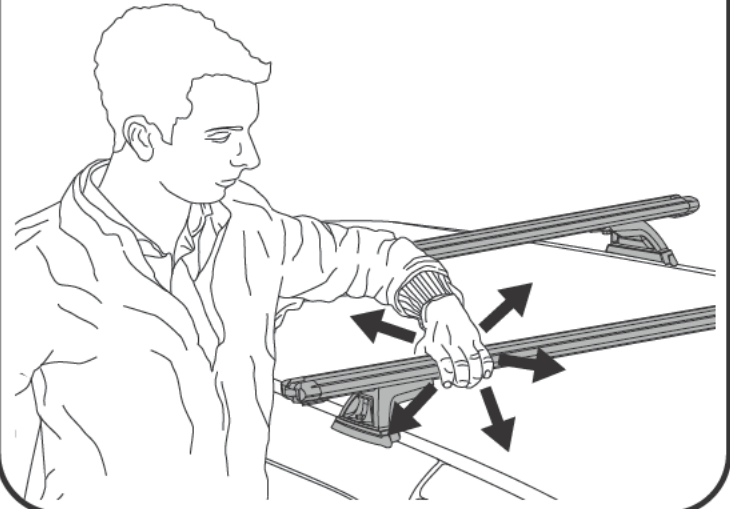


**37****SECURE BARS TO TRACKS**

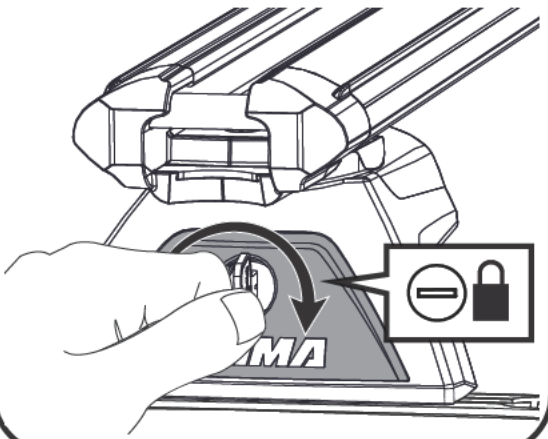
Tighten all M6 Hex Screws to 5 Nm using a 10 mm Open Ended Spanner. **Do not over tighten.**

**38****CHECK BAR LEGS ARE SECURE**

Check all Bar Legs are secure.

**39****FIT LEG COVERS**

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

**40****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:



**YAKIMA**

[www.yakima.com.au](http://www.yakima.com.au)

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