



LockNLoad™ Track Mounting Kit

ISUZU MU-X 2013+ LS-M & LS-U MODELS ONLY
3 BAR TRACK HEAVY DUTY ROOF RACK SYSTEM

MAX VEHICLE ROOF LOAD RATING: 100 KG

TOTAL LOAD EQUALS WEIGHT OF ROOF RACKS + ACCESSORIES + CARGO

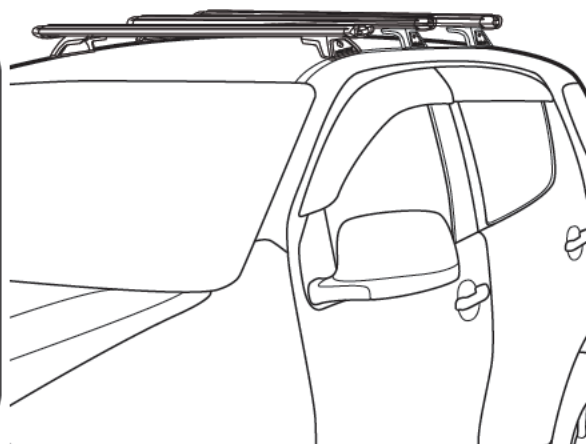
FIRST TIME INSTALLATION

- 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
- 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
- 5 mm Ball End Allen Key
- Rivet Gun
- Rubber Mallet (Optional)

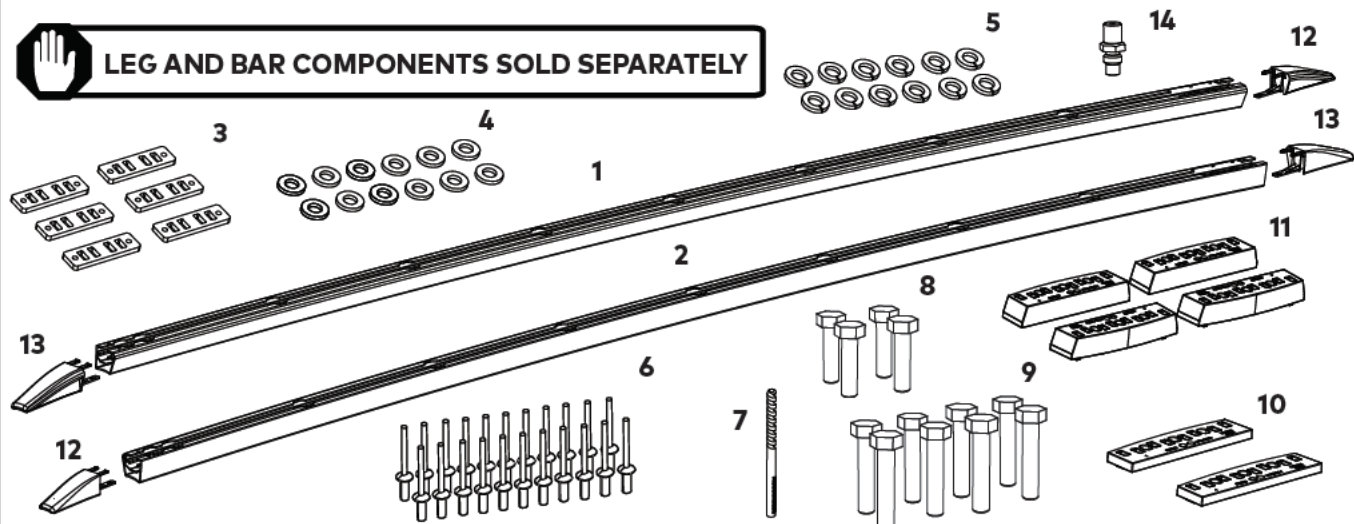


KIT CONTENTS

ITEM	COMPONENT	QTY	ITEM	COMPONENT	QTY
1.	Track Isuzu MU-X Right Hand Side	x1	8.	M6 Hex Screw 30 mm	x4
2.	Track Isuzu MU-X Left Hand Side	x1	9.	M6 Hex Screw 45 mm	x8
3.	Track Nut Plate	x6	10.	LockNLoad Height Packer Standard	x2
4.	M6 Washer	x12	11.	LockNLoad Height Packer 20 mm	x4
5.	M6 Spring Washer	x12	12.	Track End Cap Front Left & Rear Right	x2
6.	Rivet	x22	13.	Track End Cap Rear Left & Front Right	x2
7.	4.9 mm Drill Bit	x1	14.	Rivet Gun Nozzle	x1



LEG AND BAR COMPONENTS SOLD SEPARATELY

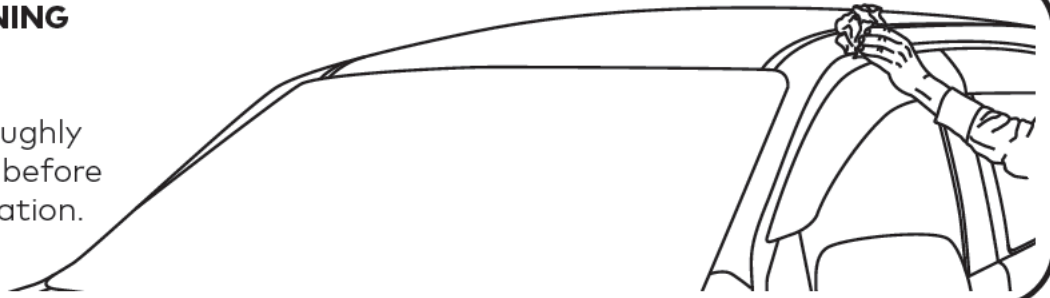


TRACK INSTALLATION

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.

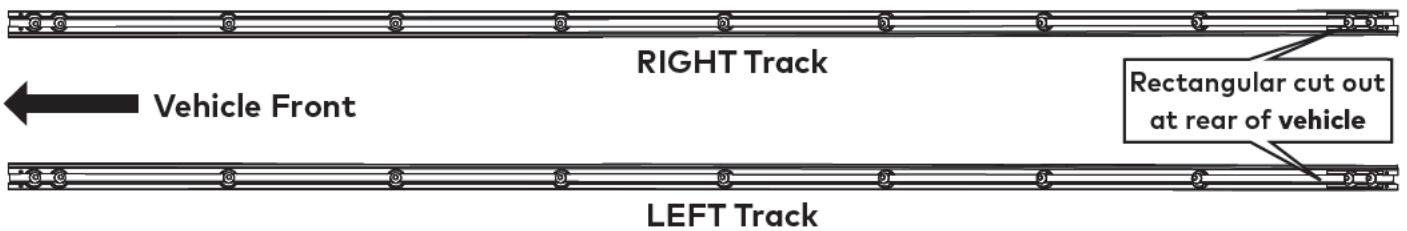
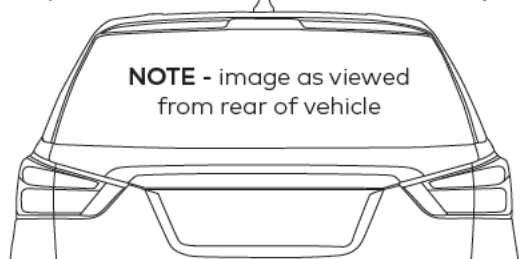
It is recommended to install one Track at a time.

Straight edge

Straight edge



NOTE - image as viewed from rear of vehicle

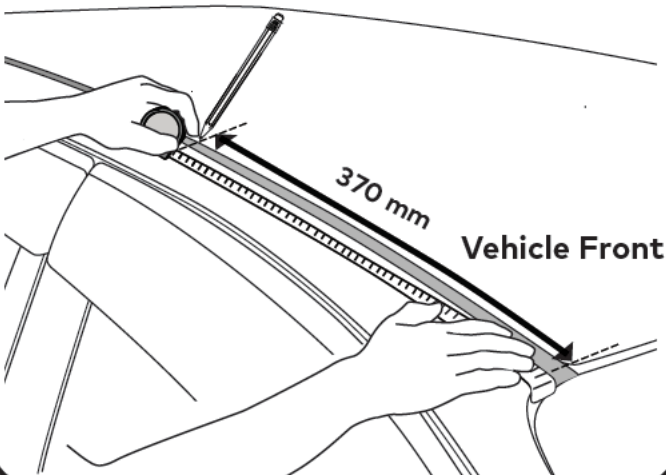


NOTE - image as viewed from above

3

FRONT ROOF TRIM MEASUREMENT

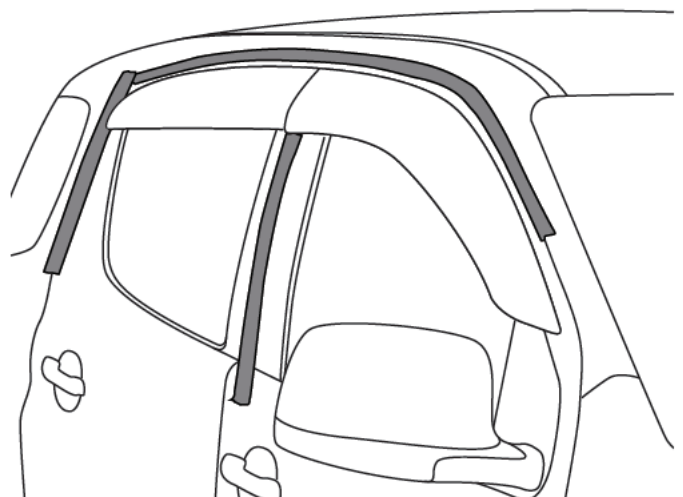
Using a Tape Measure, measure 370 mm back from where the rubber trim meets the windscreen edge as shown. Use a pencil to mark a measurement line on trim.



4

APPLY MASKING TAPE

Apply lengths of Masking Tape along window and door seals.



NOTE - This prevents drill swarf from getting caught.

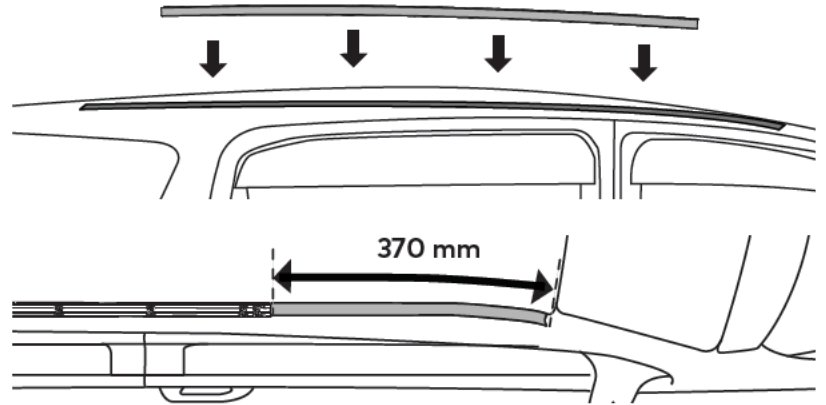
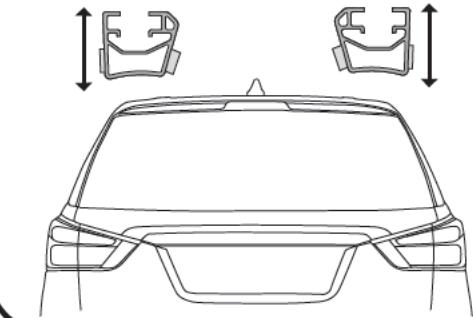
5

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

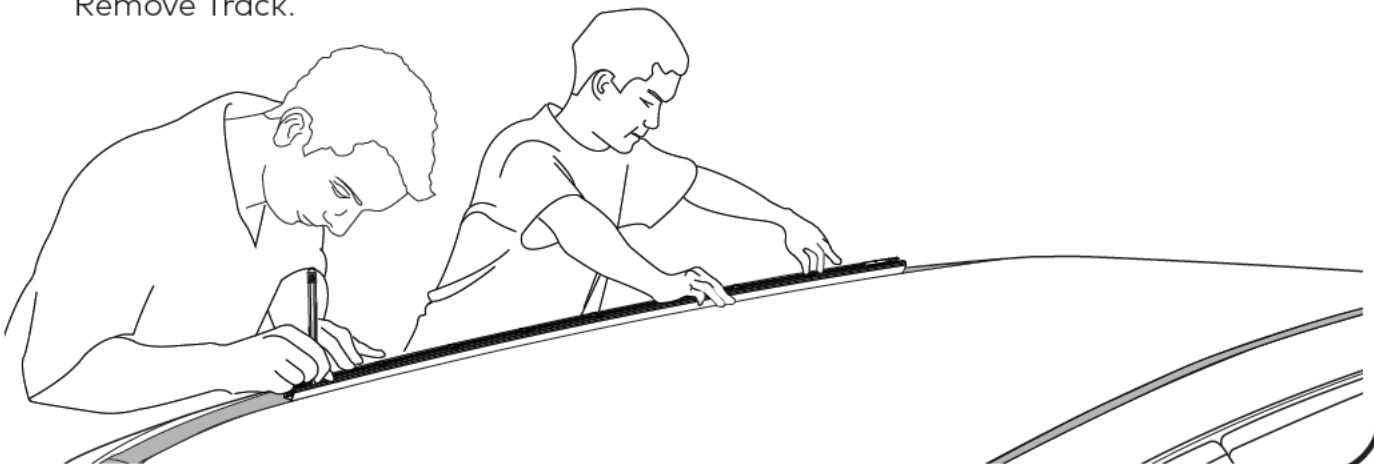
Straight edge



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.

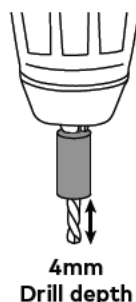
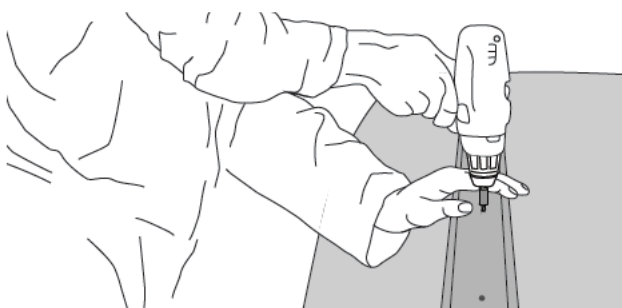


7

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.

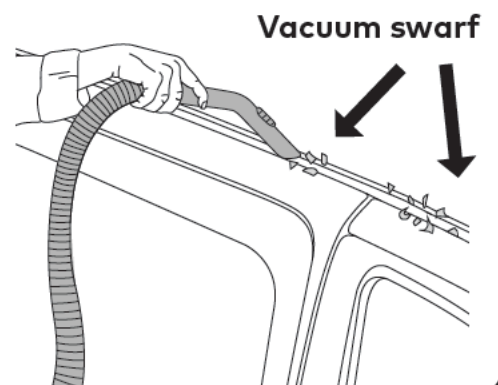
Drill stop must be set at 17 mm for the hole closest to the windscreen. All other holes are to have drill stop set at 15 mm.



8

REMOVE SWARF

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



9

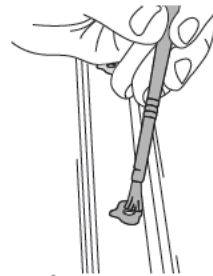
APPLY PROTECTIVE SEALANTS

Stage 1

Liberal 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).

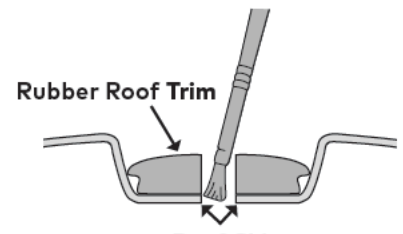
Stage 2

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



Stage 1

Apply liberally in and around holes. Allow to dry.



Rubber Roof Trim

Roof Skin

Ensure solution covers the entire roof skin area as shown.



Stage 2

Apply liberally in and around holes

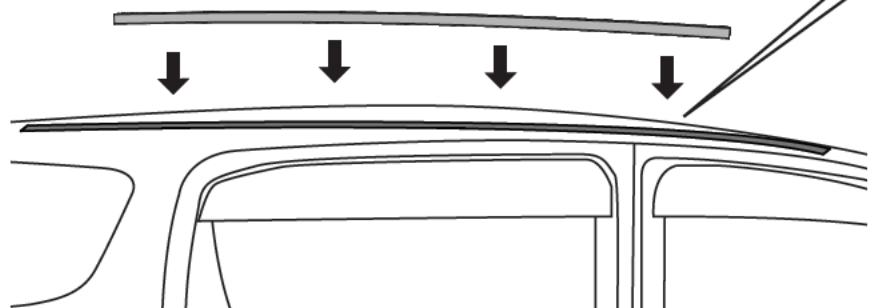
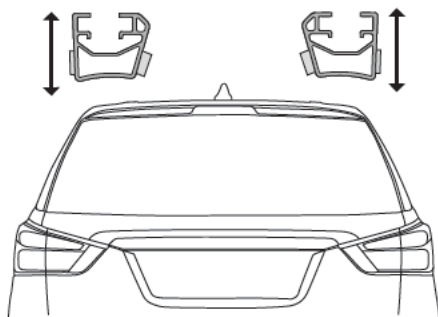
10

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

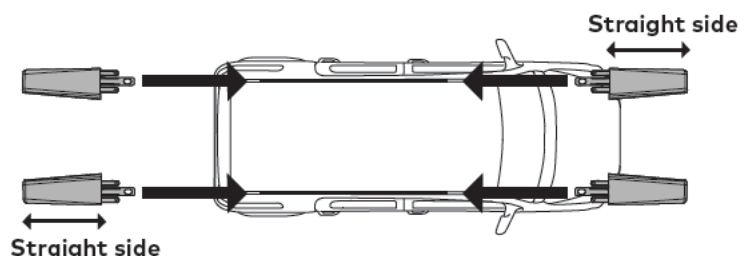


11

END CAP FITMENT

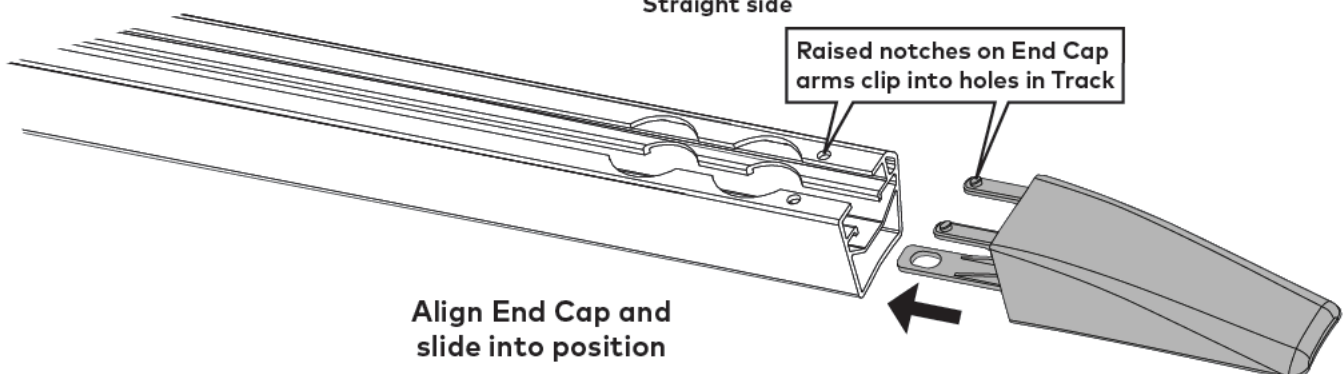
Assemble End Caps within Tracks as shown.

The straight side of End Cap must face the outside of vehicle.



Straight side

Straight side



Raised notches on End Cap arms clip into holes in Track

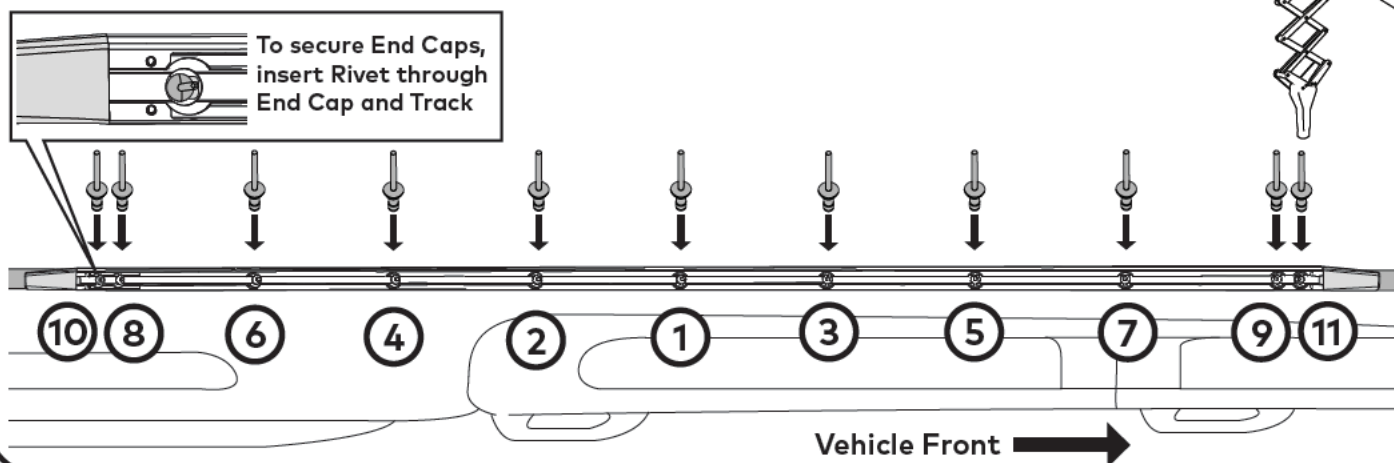
Align End Cap and slide into position

12

TRACK INSTALLATION

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

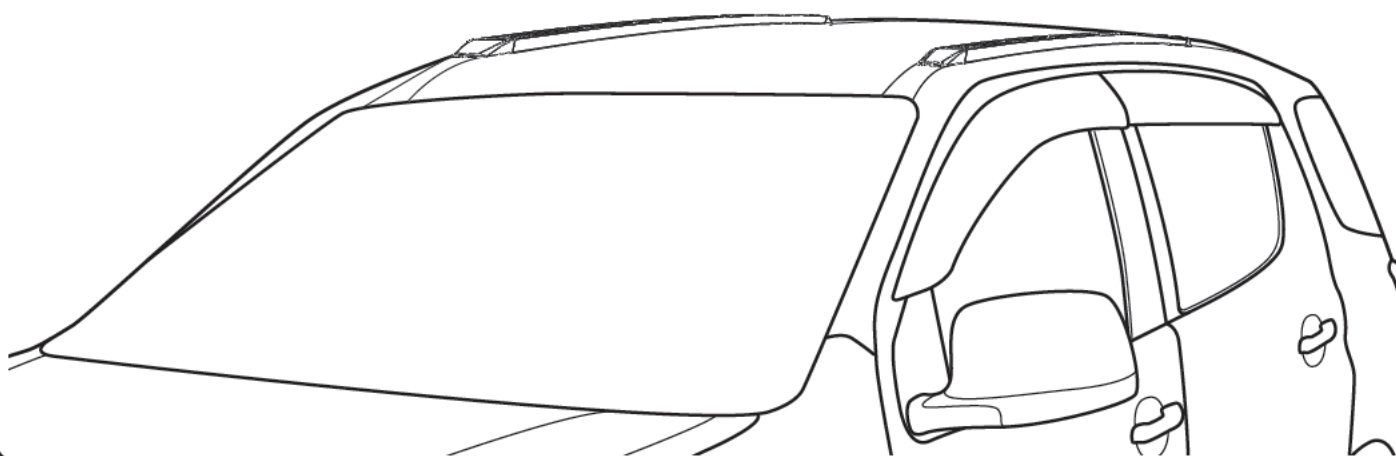
Using a Rivet Gun, punch each Rivet in the order shown.



13

TRACK INSTALLATION COMPLETE

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



IF INSTALLING LockNLoad ROOF RACKS, CONTINUE ON STEP 14

IF INSTALLING LockNLoad PLATFORM, NOW SWITCH TO YOUR PLATFORM INSTRUCTIONS

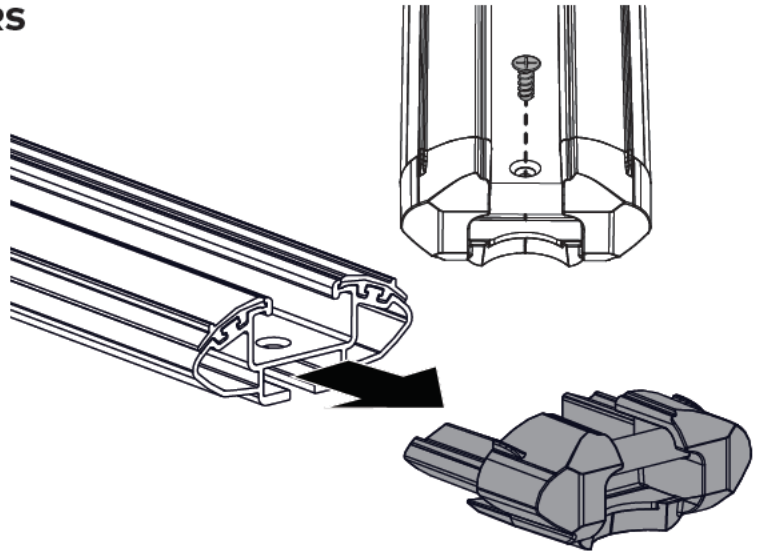
BAR INSTALLATION

14

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.

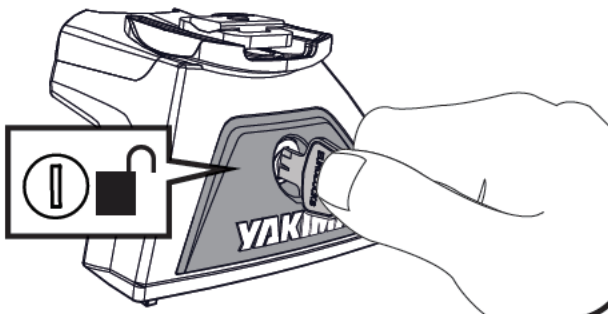
Keep all parts aside for later installation.



15

REMOVE LEG COVERS

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

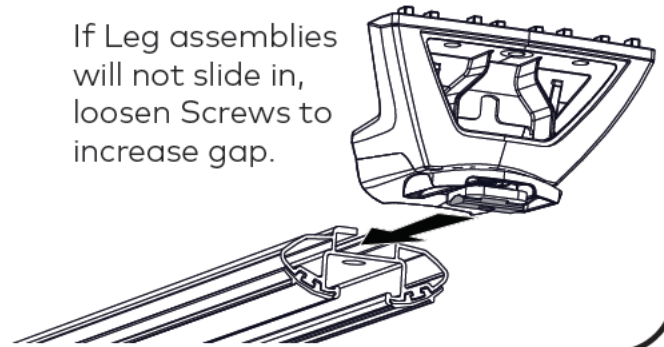


16

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.

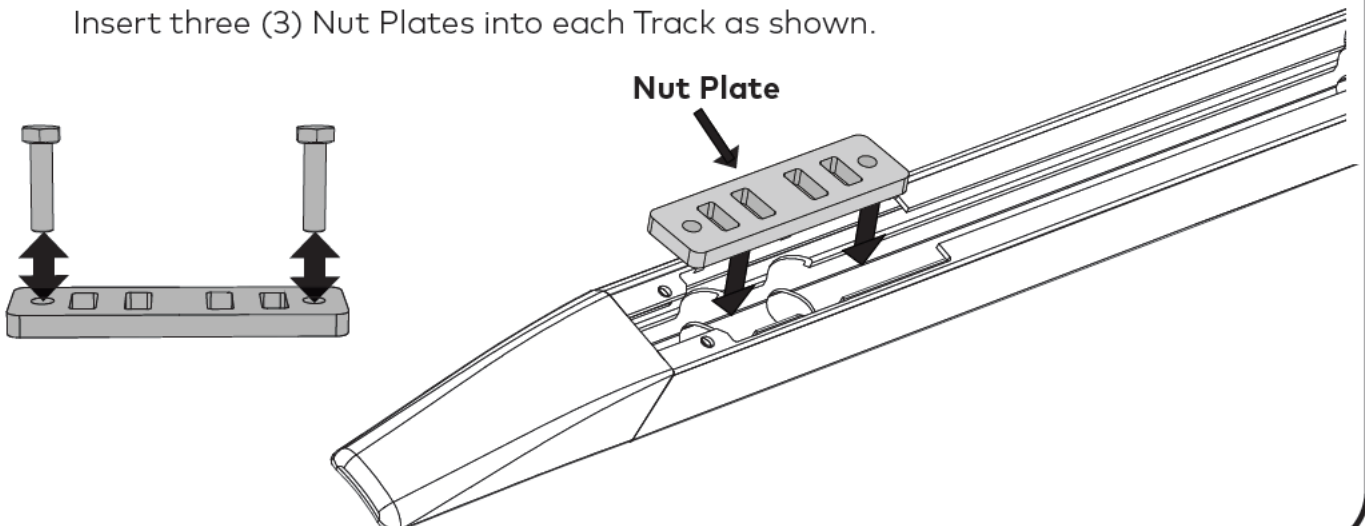


17

INSERT NUT PLATES

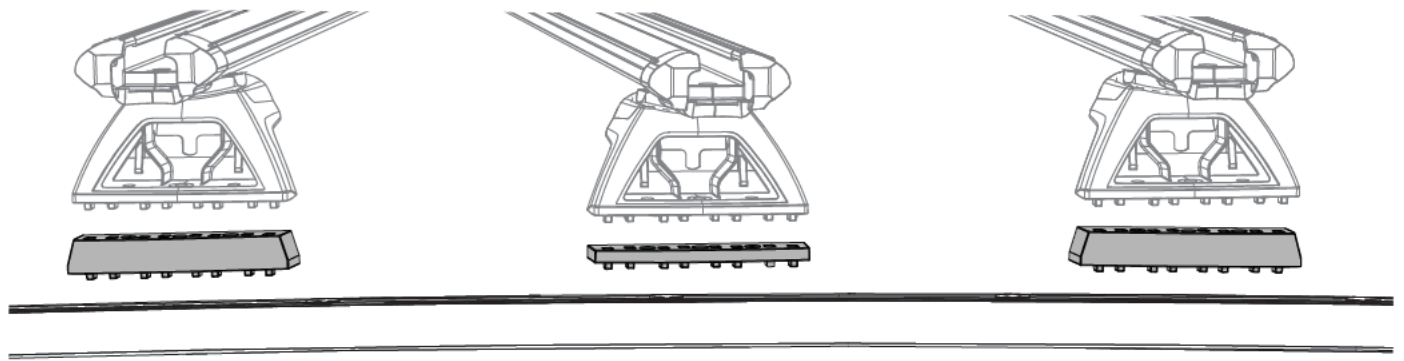
Run all M6 Hex Screws through Nut Plates to remove burrs.

Insert three (3) Nut Plates into each Track as shown.

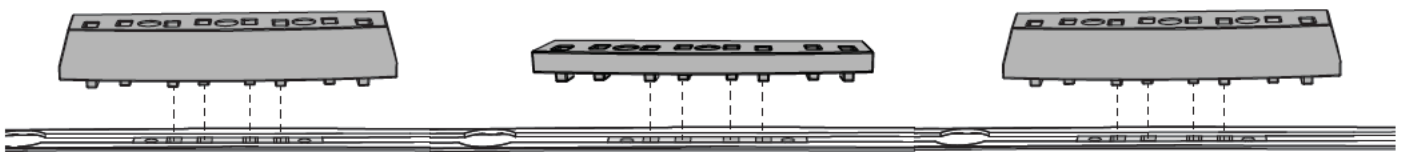


18**HEIGHT PACKER SET-UP**

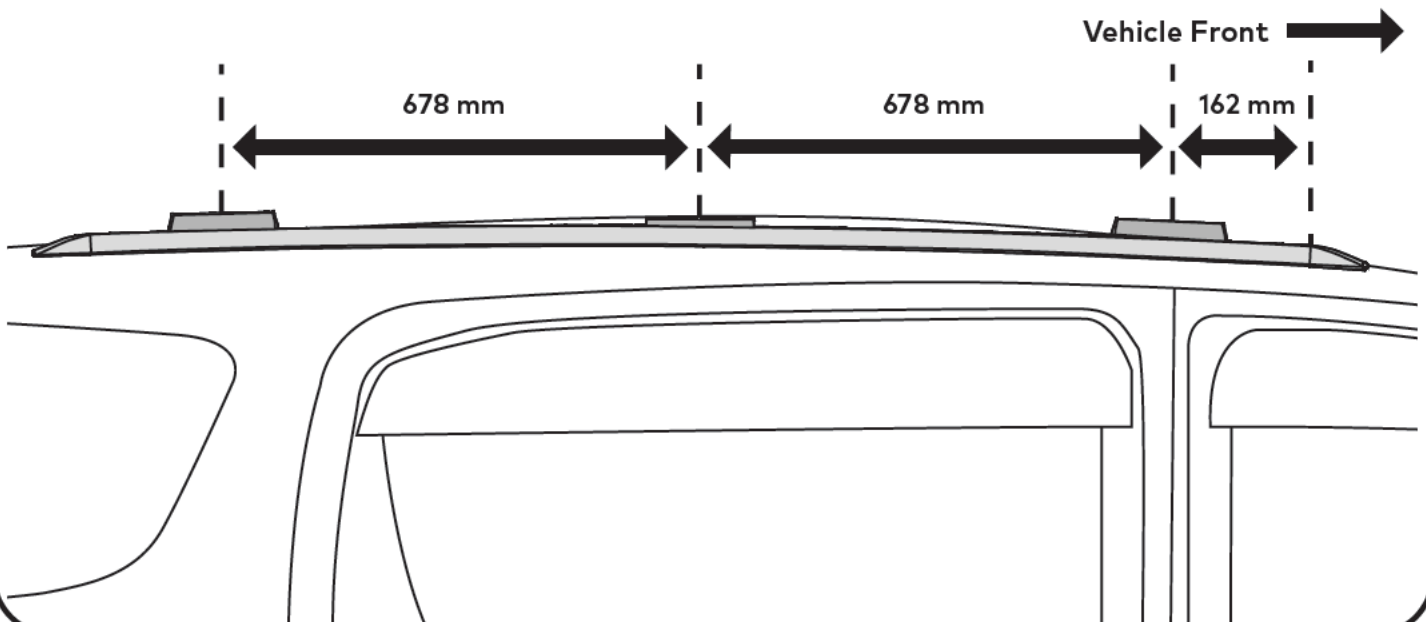
Height Packers are required to level the Bars on the vehicle roof. The front and rear Bars require 20 mm Height Packers and the middle Bar requires a Standard Height Packer as shown.

**19****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.

**20****HEIGHT PACKER SPACING**

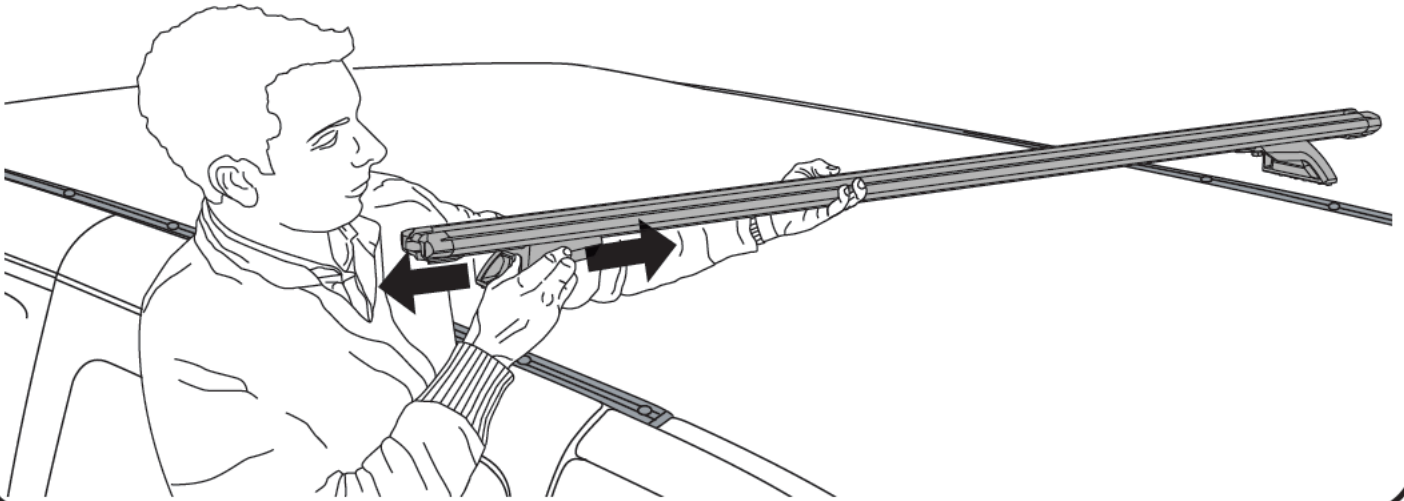
Refer to the below image for recommended 3 Bar Height Packer spacing.



21

BAR PLACEMENT

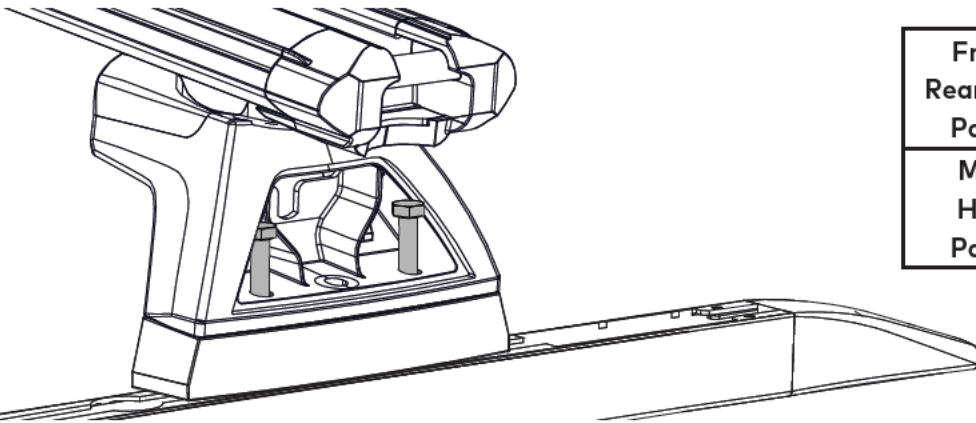
Carefully place front Bar assembly over Height Packers, ensuring spacing is correct as shown in the previous Step. **Take care not to damage vehicle.** Position Legs along Bar until both legs are securely positioned on Height Packers within Track.



22

SECURE BAR ASSEMBLY TO TRACKS

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



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

23

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.

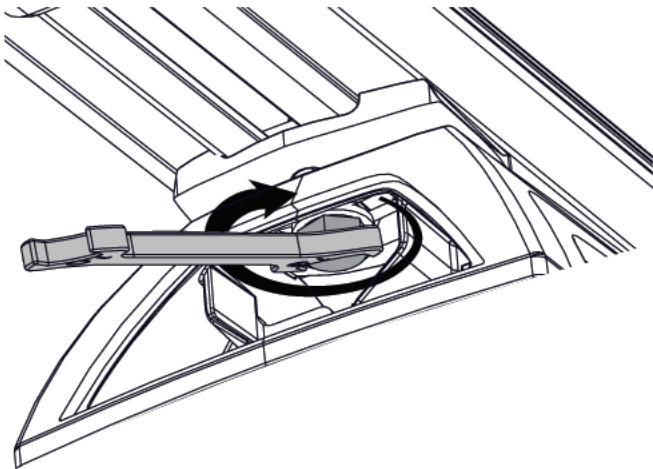


NOTE - Bars require individual adjustment due to tapered roof. Bars must be installed perpendicular to Tracks.

24

SECURE LEGS TO BARS

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



25

REPEAT AND REMOVE

Repeat Steps 21 - 24 for remaining bar assemblies.

Carefully remove all Bar and Leg assemblies from vehicle.



26

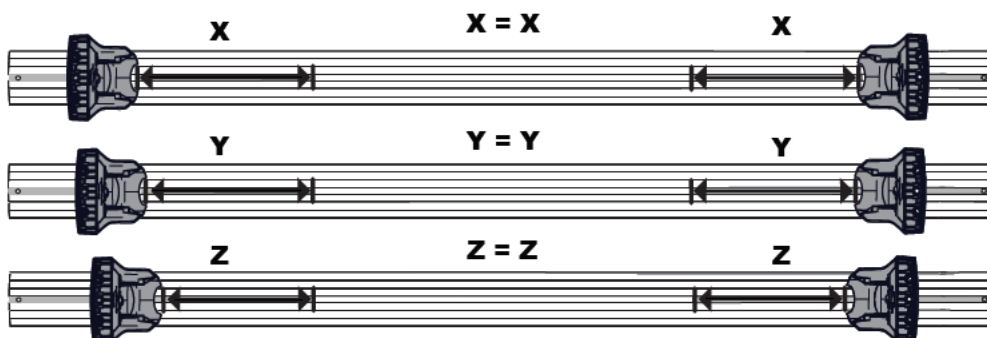
CHECK BAR SLOT MEASUREMENTS

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

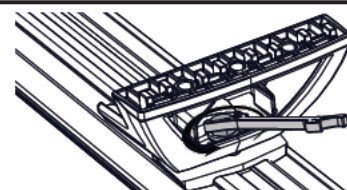
Identify slot on each Bar end. Using a Tape Measure, record Leg to underside slot distance of each bar in the table (right). Ensure measurement is taken from the centre of the Legs as shown.

BAR SLOT MEASUREMENTS

Bar 1 (X)
_____mm x2
Bar 2 (Y)
_____mm x2
Bar 3 (Z)
_____mm x2

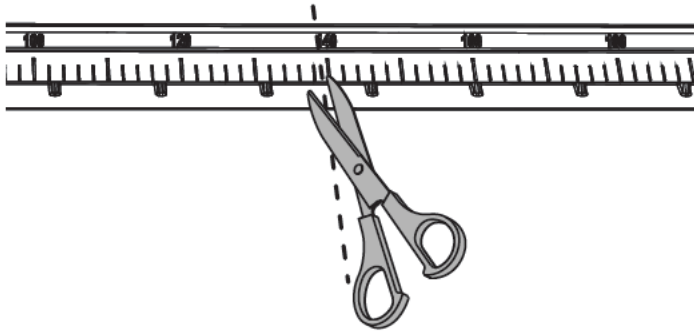


The ends of each bar should be the same measurement respectively, if not, loosen M8 Set Screws and repeat Steps 21-26.

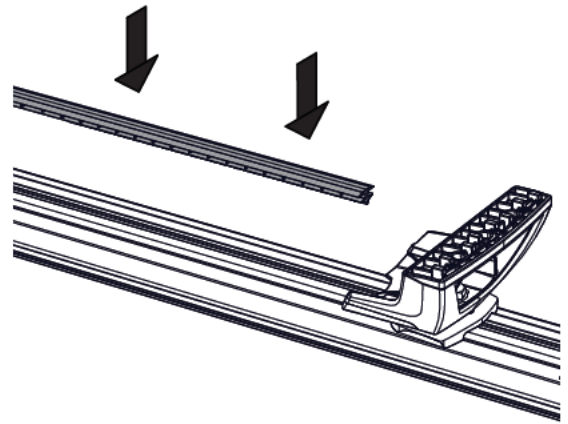


27**BAR SLOT COVERS (INSIDE LEG)**

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.

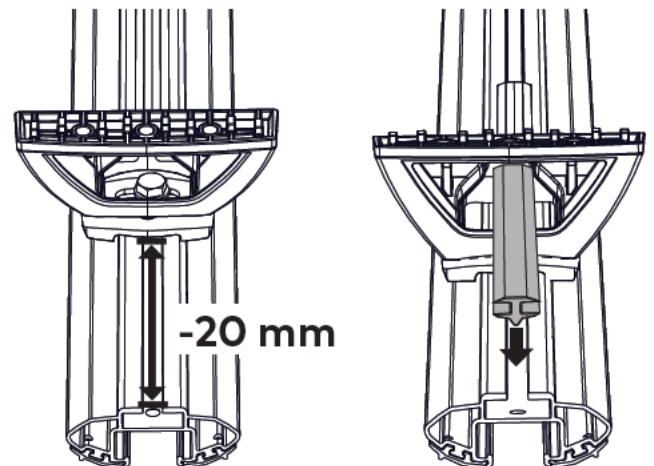


NOTE - Bar Slot Covers to be inserted with flat side visible

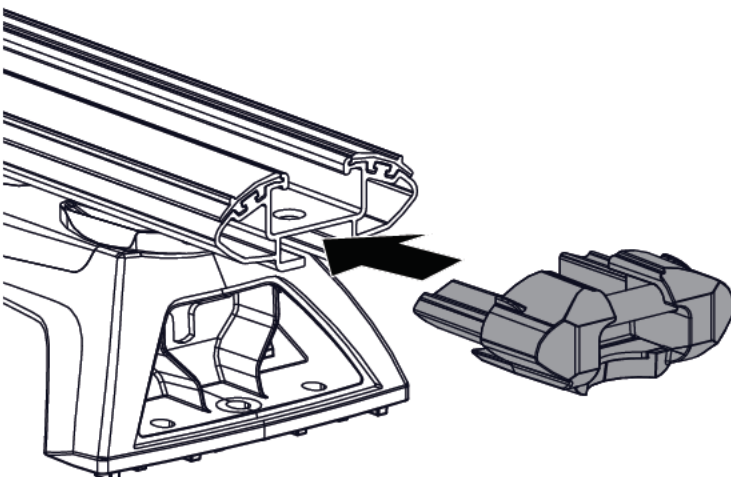
**28****BAR SLOT COVERS (OUTSIDE LEG)**

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

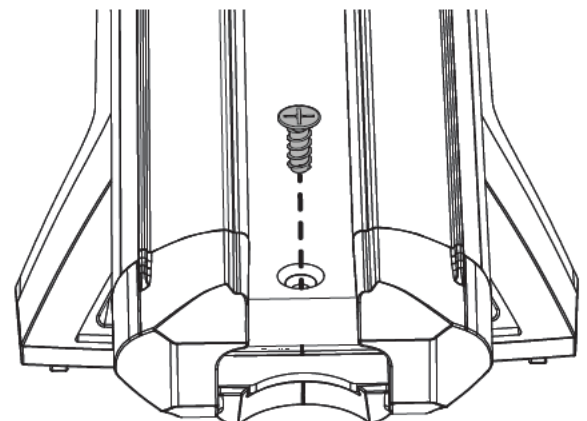
Using the remaining pieces of Slot Cover from the previous Step, cut to this length and press into the underside channel of each Bar end as shown.

**29****SECURE END CAPS TO BARS**

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

**30**

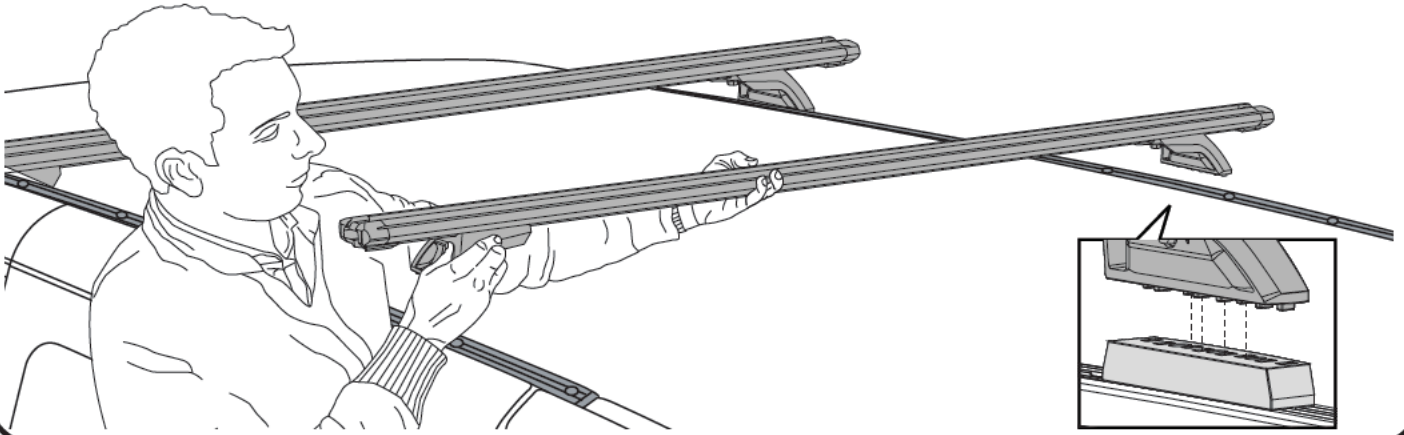
Secure using Plastite Screw (from LockNLoad Bar Kit). Tighten using a #2 Phillips Head Screwdriver.



31

BAR FITMENT

Slide Height Packers on Track into position for 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 Bars.

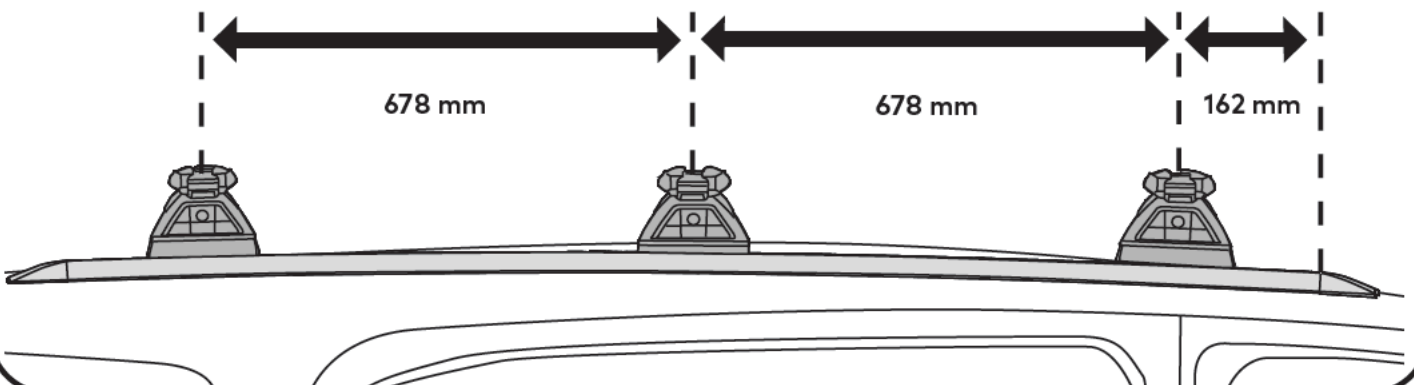


32

Position Bars along Tracks, ensuring there is a distance of 678 mm between each Bar and the front bar is 162 mm back from the end of the front Track End Cap.

Measure from the centre of each Leg as shown.

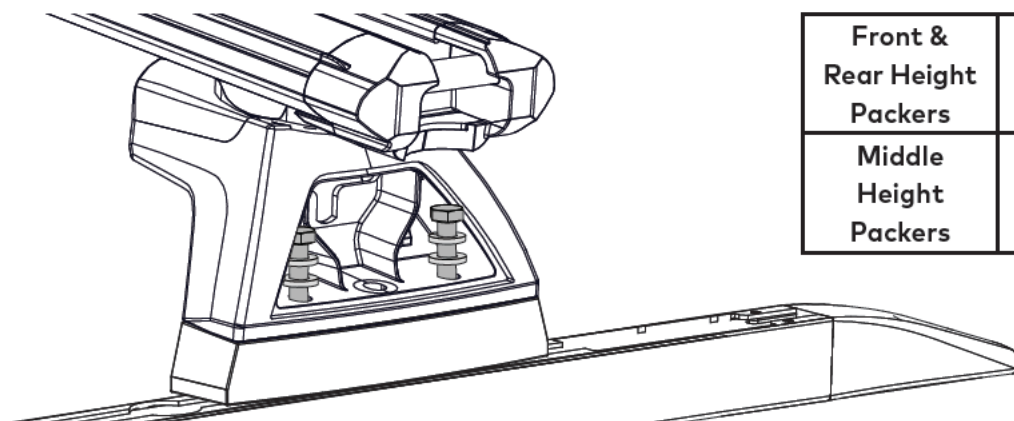
Vehicle Front →



33

M6 HEX SCREW ASSEMBLY

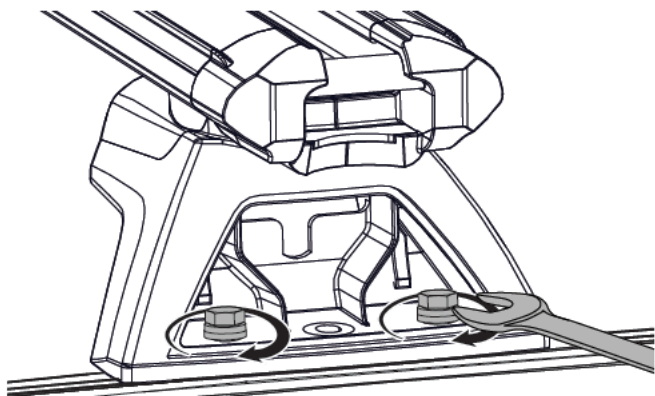
From the LockNLoad Track Kit, assemble 1 x M6 Spring Washer and 1 x M6 Washer onto each M6 Hex Screw (45 mm and 30 mm). Insert through the outer holes on Legs into Height Packer as shown.



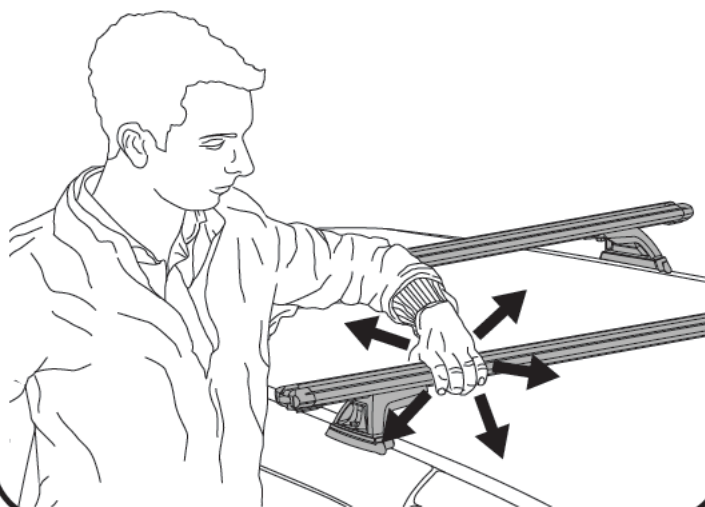
Front & Rear Height Packers	M6 Set Screw 45 mm
Middle Height Packers	M6 Set Screw 30 mm

34**SECURE BARS TO TRACKS**

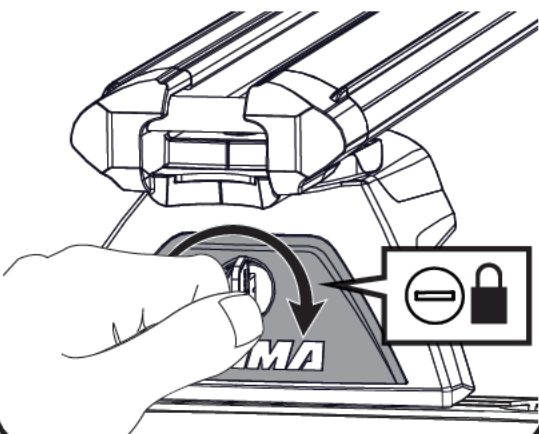
Tighten all M6 Hex Screws to 5 Nm using a 10 mm Open Ended Spanner. **Do not over tighten.**

**35****CHECK BAR LEGS ARE SECURE**

Check all Bar Legs are secure.

**36****FIT LEG COVERS**

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

**37****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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