

MAX VEHICLE ROOF LOAD RATING: 100KG

TOTAL LOAD EQUALS WEIGHT OF ROOF RACKS + ACCESSORIES + CARGO

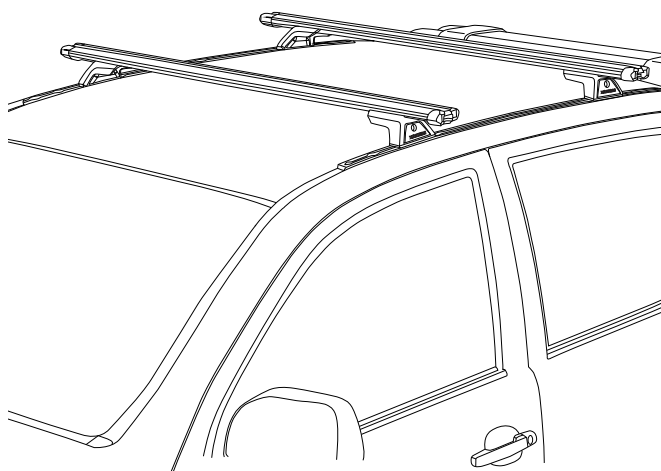
FIRST TIME INSTALLATION

- 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
- Fine Tooth Hacksaw
- Mastic Silicone Sealant
- #2 Phillips Head Screwdriver
- Zinc Rich Cold Galvanising Coating
- Vacuum Cleaner
- 10mm Open Ended Spanner
- 13mm Socket or Spanner
- Rivet Gun
- Rubber Mallet (Optional)
- Flat Head Screw Driver

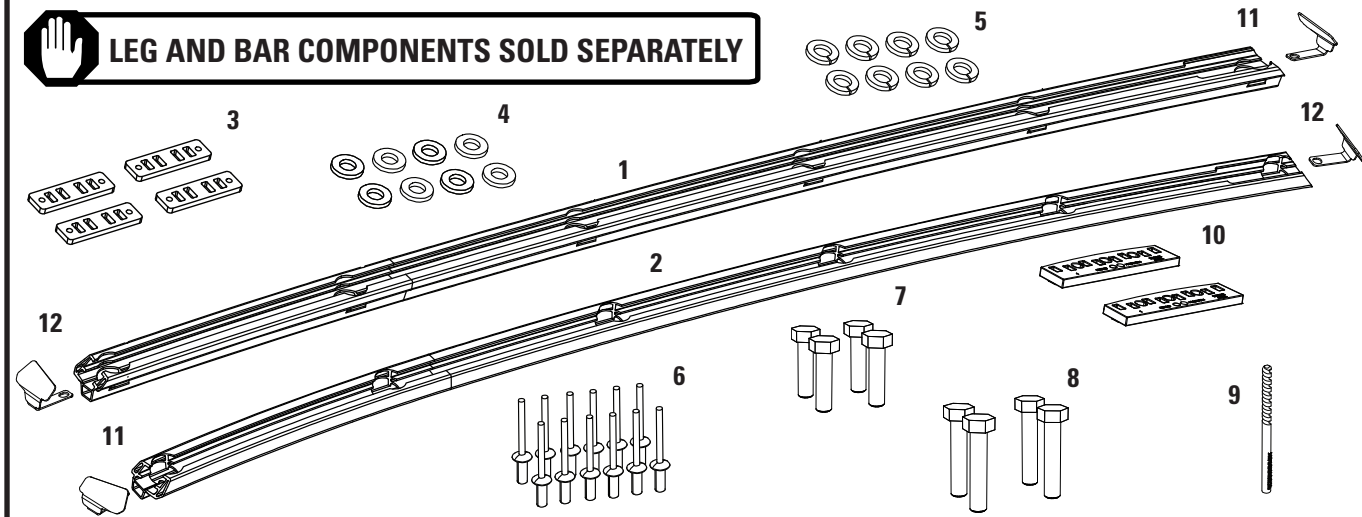


KIT CONTENTS

ITEM	COMPONENT	QTY	ITEM	COMPONENT	QTY
1.	Track Mits. Triton ML/MN Right Hand Side	x1	7.	M6 Hex Screw 20mm	x4
2.	Track Mits. Triton ML/MN Left Hand Side	x1	8.	M6 Hex Screw 30mm	x4
3.	Track Nut Plate	x4	9.	4.9mm Drill Bit	x1
4.	M6 Washer	x8	10.	LOCKN'LOAD Height Packer	x2
5.	M6 Spring Washer	x8	11.	End Cap Front Left & Rear Right	x2
6.	Rivet	x12	12.	End Cap Rear Left & Front Right	x2



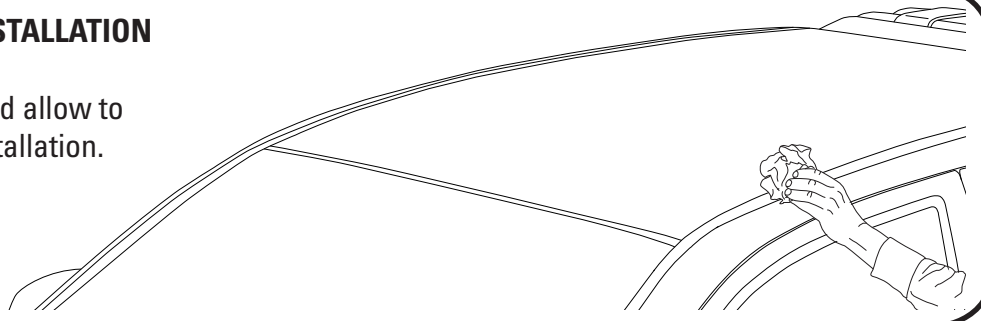
LEG AND BAR COMPONENTS SOLD SEPARATELY



TRACK INSTALLATION

1 BEFORE BEGINNING INSTALLATION

Clean roof thoroughly and allow to dry before beginning installation.

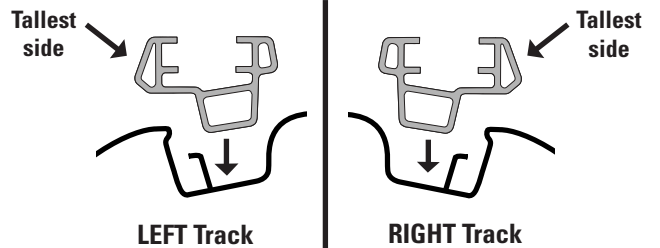


2 TRACK ORIENTATION

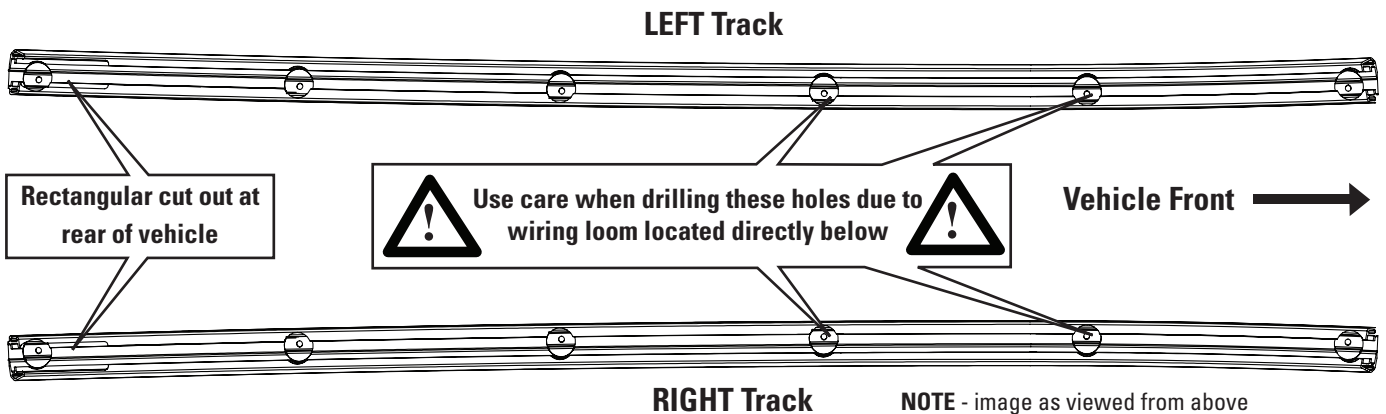
Track locates against spine in roof channel. The tallest side of Track faces **outside of vehicle** as shown, with rectangular cut outs at rear of vehicle.

It is recommended to install one Track at a time.

The help of an assistant is required to install Tracks.



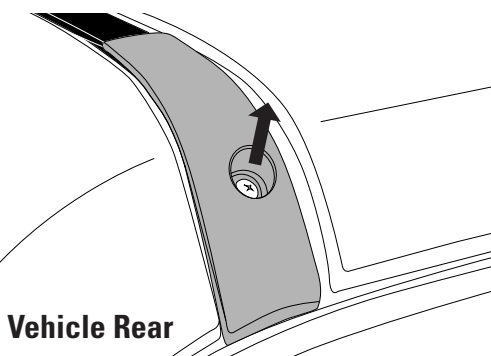
NOTE - images as viewed from rear of vehicle



3 REMOVE REAR ROOF TRIM CAP

Remove screw from rear roof trim cap using a #2 Phillips Head Screwdriver then slide cap backwards to remove.

Store screw and trim cap in a safe location for use in Step 6.

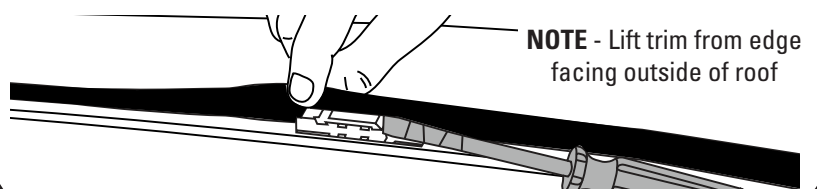


4 COMPLETELY REMOVE ROOF TRIM

Lift rubber roof trim with fingers to expose the white plastic clips in the channel. Using a Screwdriver (wrap tape around end of Screwdriver to prevent paint scratching), gently depress clips to unhook them from roof trim.

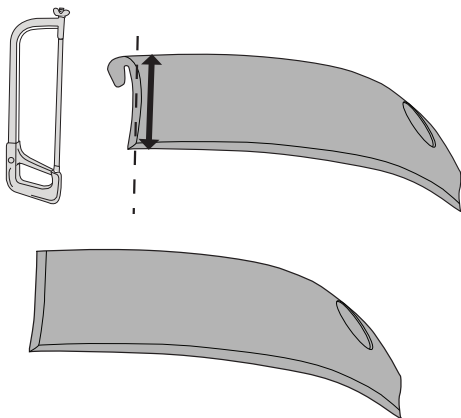
Remove clips from exposed roof channel spine by twisting screwdriver to unhook them. Keep any clips that will be positioned in front of track in place.

Store roof trim in a safe location for use in Step 15.

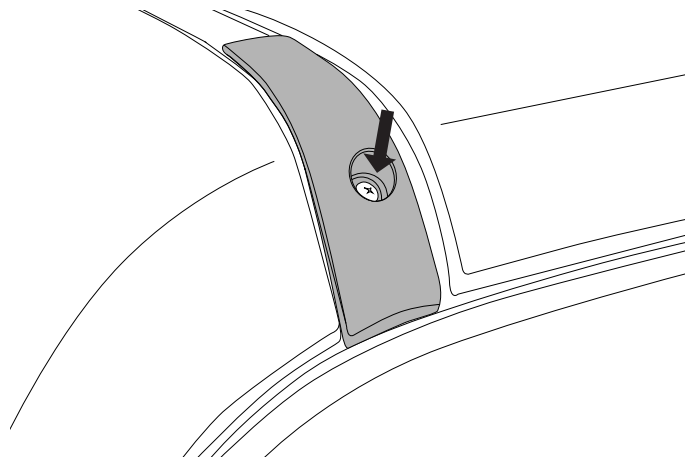


5**CUT ROOF TRIM CAP**

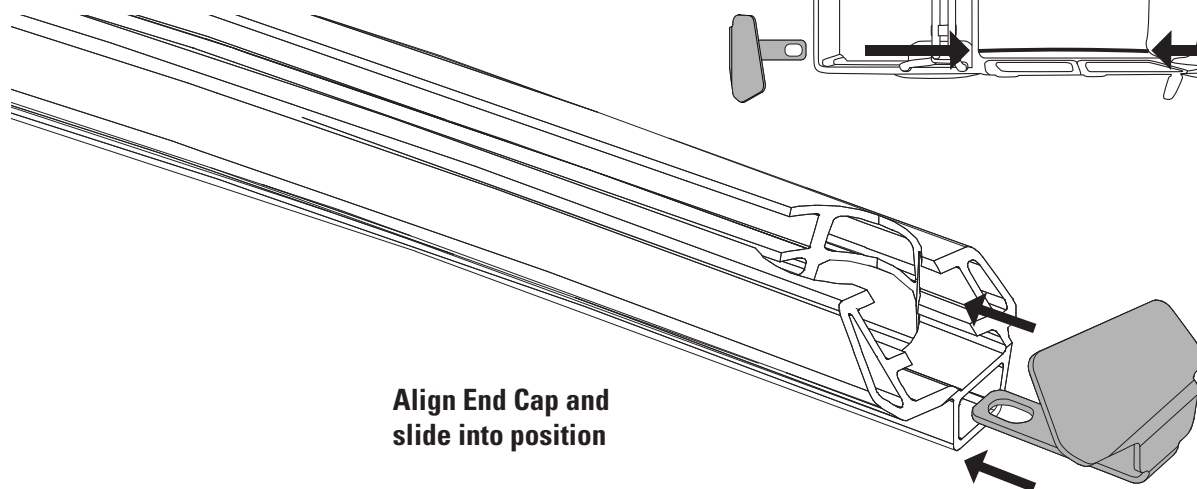
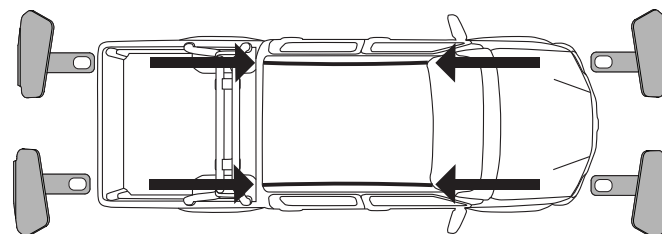
Using a Fine Tooth Hacksaw, cut a small amount off the roof trim cap removed in Step 3 to square it off as shown. Neaten edges as required.

**6****REFIT ROOF TRIM CAP**

Refit rear roof trim cap modified in the previous Step using a Phillips Head Screwdriver to secure screw.

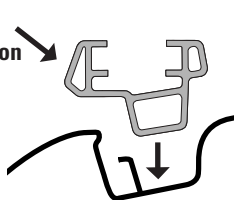
**7****END CAP FITMENT**

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

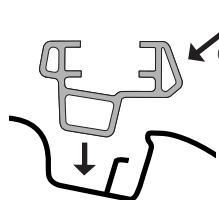
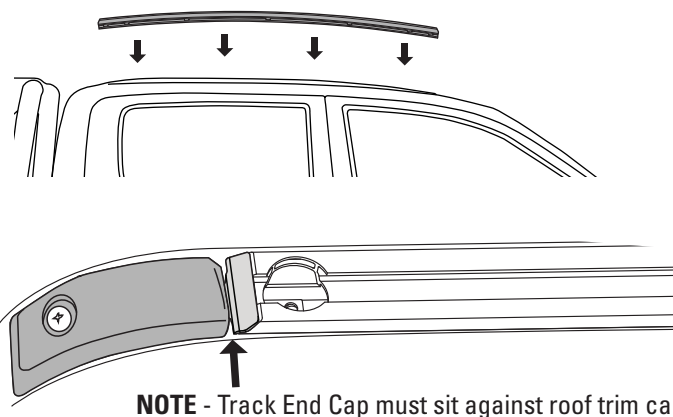
**8****ALIGN TRACK IN ROOF CHANNEL**

Place Track into roof channel, lining up the rear Track End Cap against the roof trim cap. Ensure Track orientation and spacing is correct as shown.

Large extrusion

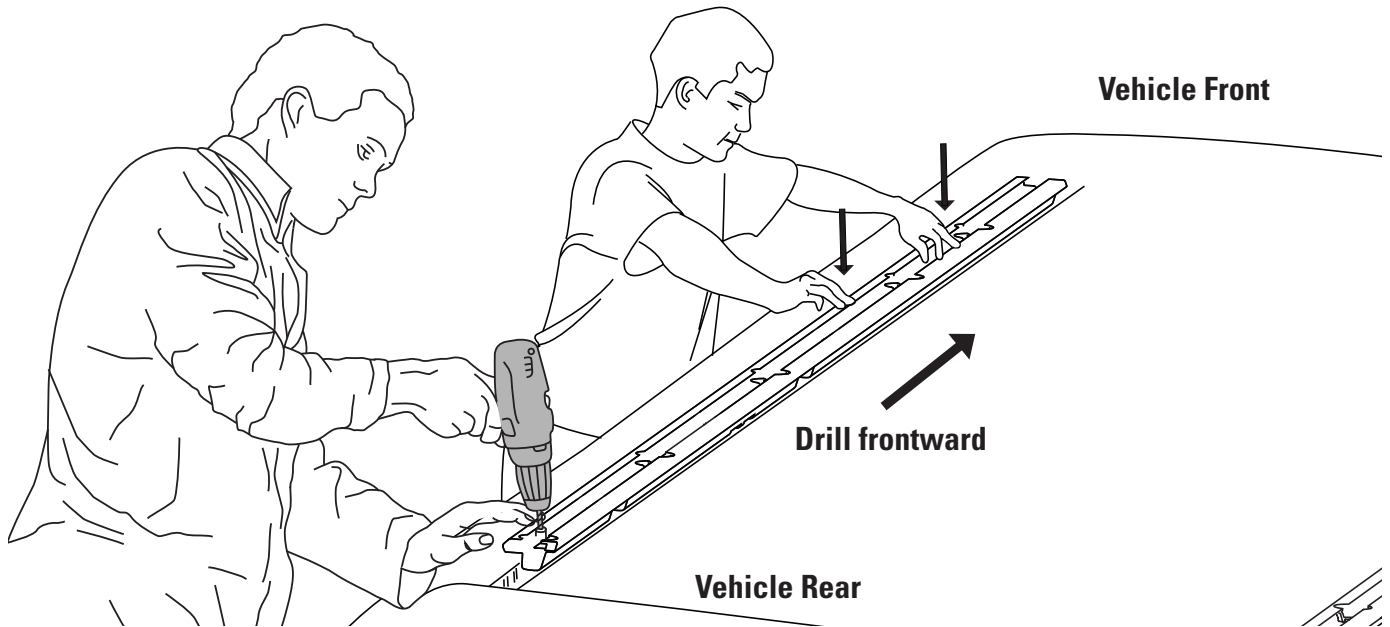
**LEFT Track**

Large extrusion

**RIGHT Track****NOTE** - images as viewed from rear of vehicle

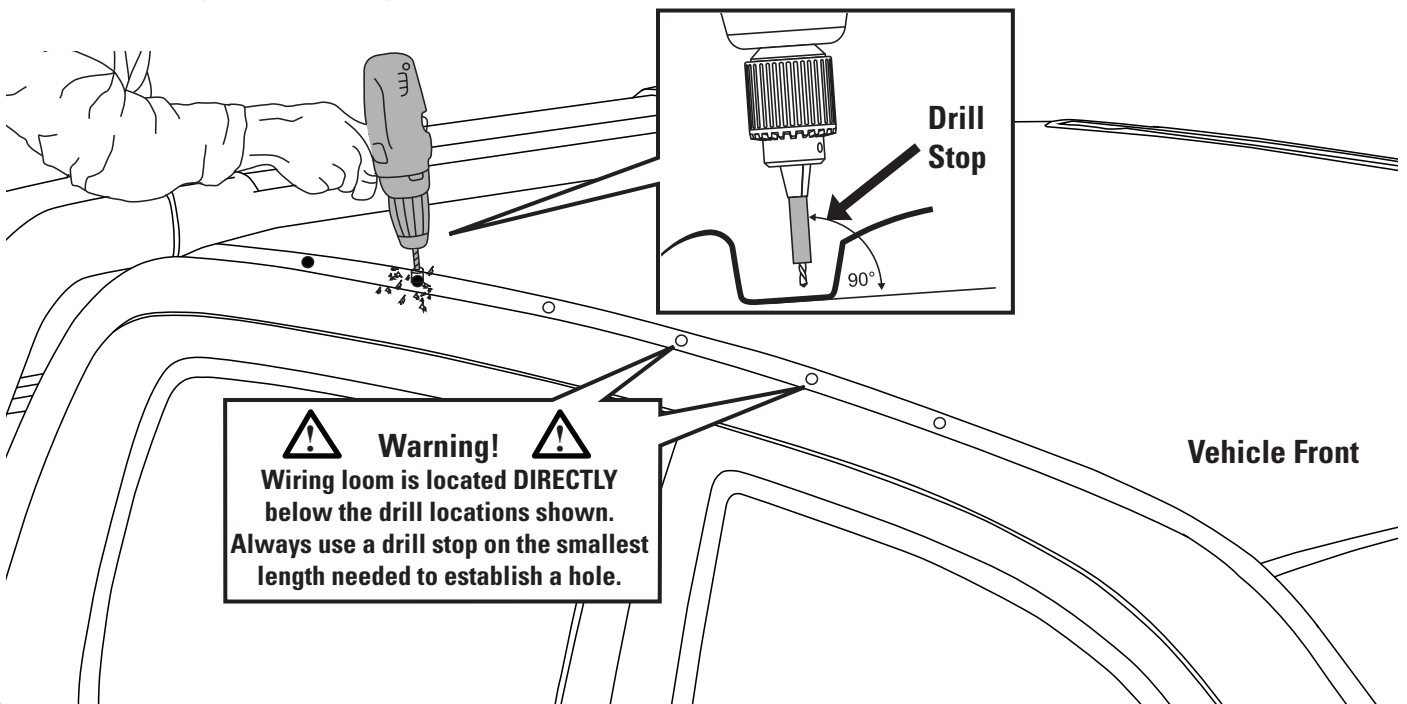
9**SPOT DRILL RIVET HOLES**

With the help of an assistant, hold track down firmly in roof channel. Using the supplied 4.9mm Drill Bit, start spot drilling each rivet hole in the Track **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**. Once complete, remove Track taking care not to scratch vehicle.

**10****DRILL ROOF CHANNEL**

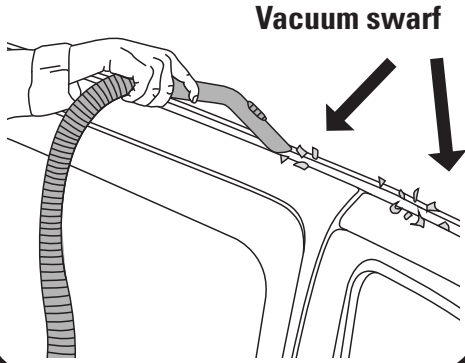
All rivet holes can now be carefully drilled through. **To avoid drilling into roof lining a drill stop must be set at 5mm**. **Ensure that a drilling angle perpendicular to the roof angle is maintained**. If a complete hole is not established, increase the drill stop length in 1mm increments until a complete hole is formed at each located. The drill bit should only just break through into the roof cavity.

NOTE - Once all holes are correctly drilled, ensure the interior light still functions to confirm no damage to the wiring loom.



11 REMOVE SWARF

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



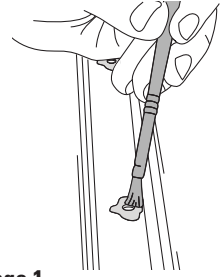
12 APPLY PROTECTIVE SEALANTS

Stage 1

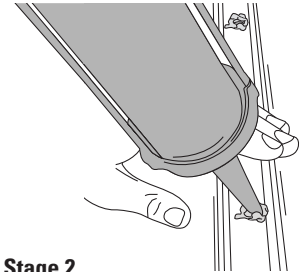
Liberal apply a Zinc Rich Cold Galvanising Solution to the inside surface and surrounds of each drilled hole. Allow solution to become touch dry before proceeding with Stage 2 (approx. 10 min depending on product used).

Stage 2

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



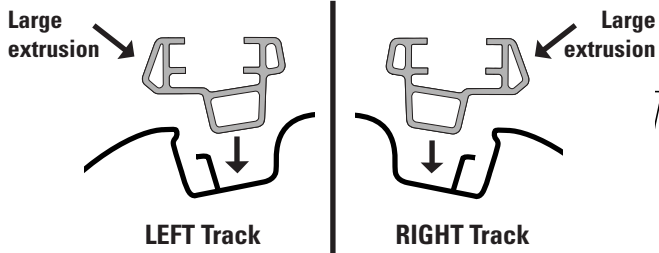
Stage 1
Apply liberally in and around holes. Allow to dry.



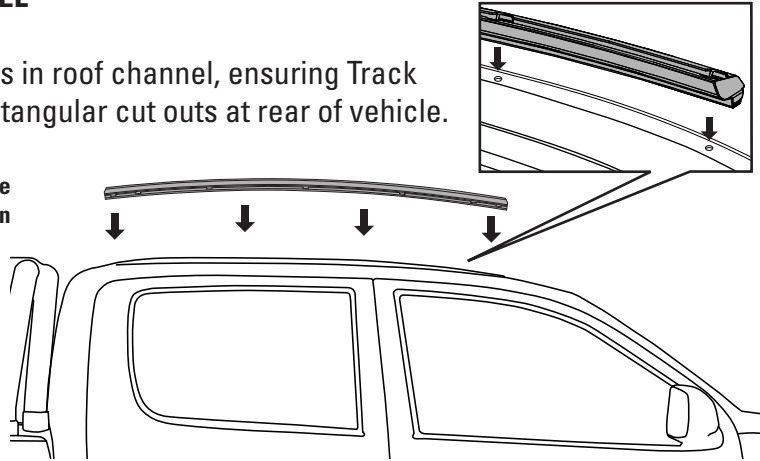
Stage 2
Apply liberally in and around holes

13 PLACE TRACK BACK INTO ROOF CHANNEL

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



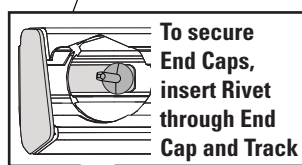
NOTE - images as viewed from rear of vehicle



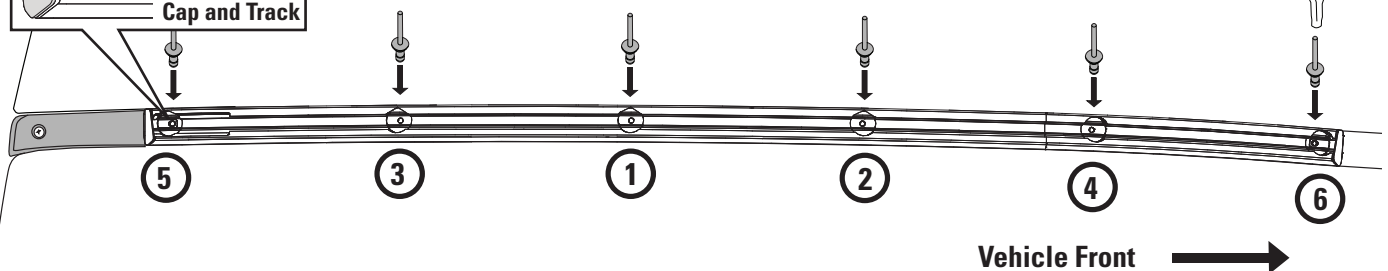
14 TRACK INSTALLATION

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

Using a Rivet Gun, punch each Rivet starting from the front of the vehicle working consecutively rearwards as shown. Ensure to keep Track against spine in roof channel.



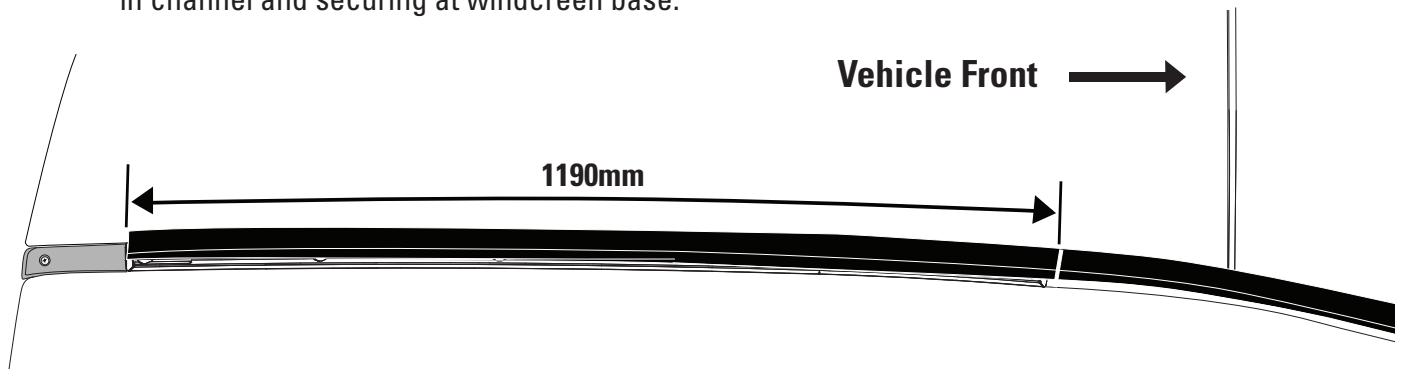
Rivet rearwards



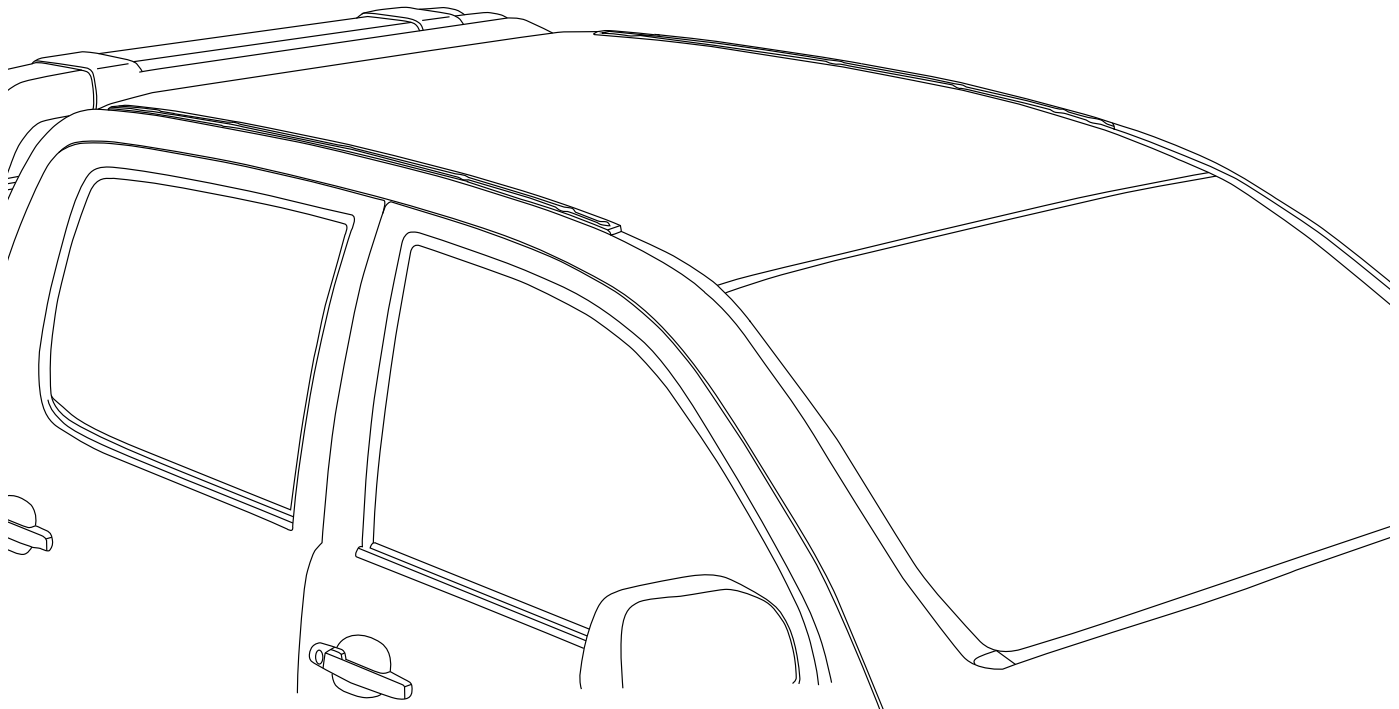
15**CUT AND REFIT FRONT ROOF TRIM**

Place roof trim removed in Step 4 on top of Track and re-attach at the base of the windscreen. Using a Tape Measure, measure 1190mm forward from the rear of the Track and mark a measurement line on trim with a pencil. Remove trim from vehicle and cut trim on marked line with a hacksaw. There is a steel section inside the rubber trim.

Re-fit front section of roof trim, attaching to white plastic clips in channel and securing at windscreen base.

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

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

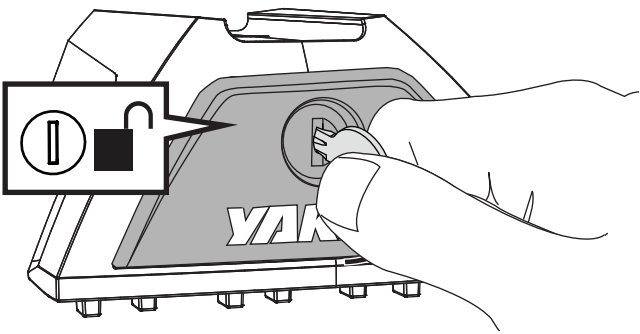


PLEASE SEE STEPS 17-42 FOR BAR INSTALLATION

BAR INSTALLATION

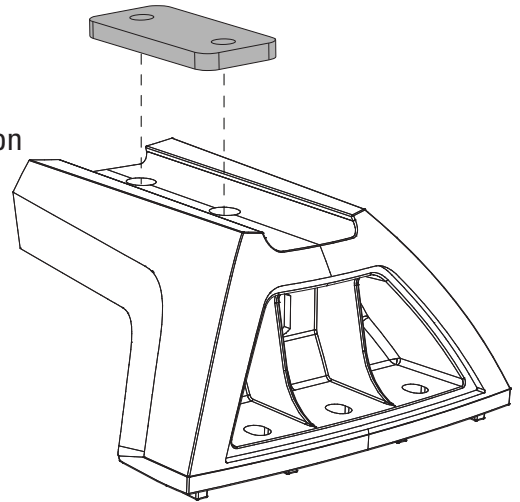
17 REMOVE LEG COVERS

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

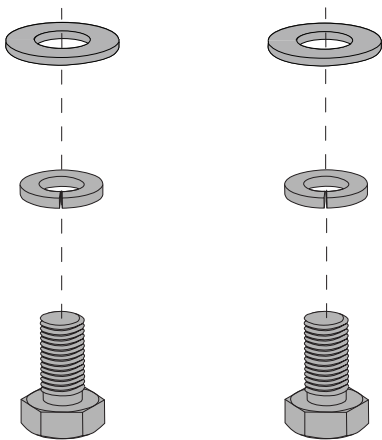


18 LEG ASSEMBLY

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

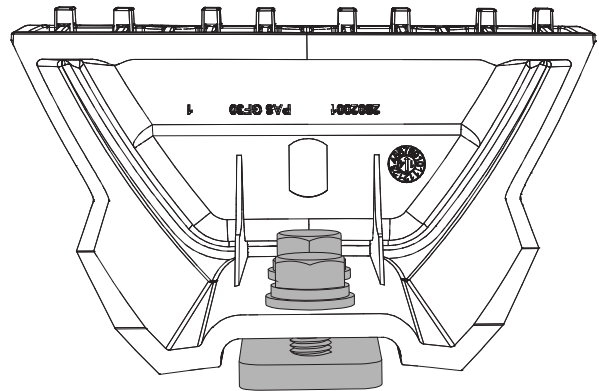


19 From the LOCKN'LOAD Leg Kit, assemble 1 x M8 Spring Washer and 1 x M8 Washer onto each M8 Set Screw 16mm in the order shown.



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

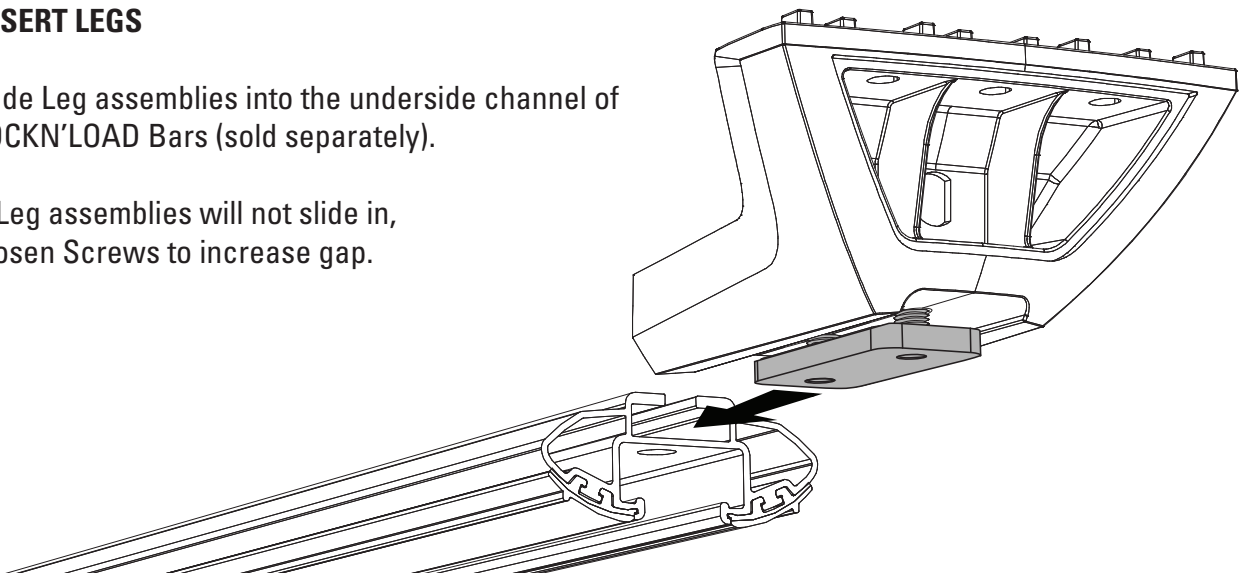
Ensure there is a sufficient gap between the Nut Plates and Legs for the next Step.



21 INSERT LEGS

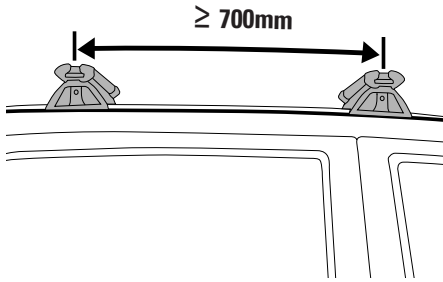
Slide Leg assemblies into the underside channel of LOCKN'LOAD Bars (sold separately).

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



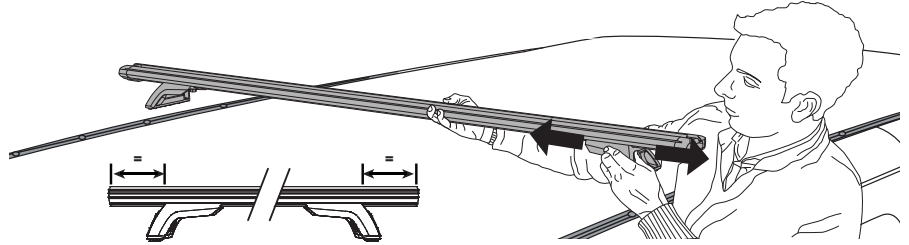
22 BAR LOCATION

IMPORTANT: Before beginning Bar installation, identify where along the Track you want the Front and Rear Bars fitted. We recommend a minimum of 700mm between Bars.



23 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.

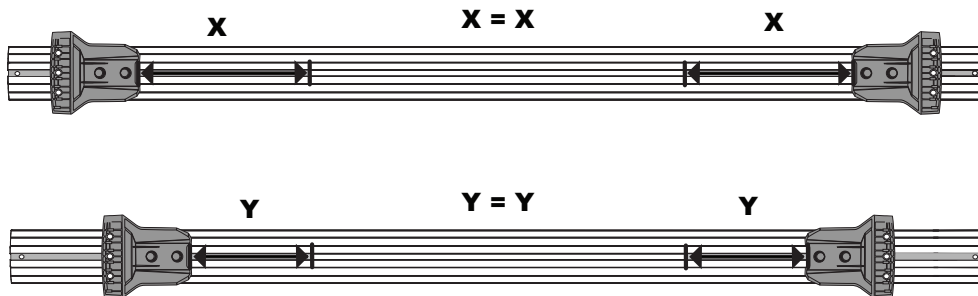


NOTE - Front and Rear Bars require individual adjustment due to tapered roof. Bars must be installed perpendicular to Tracks.

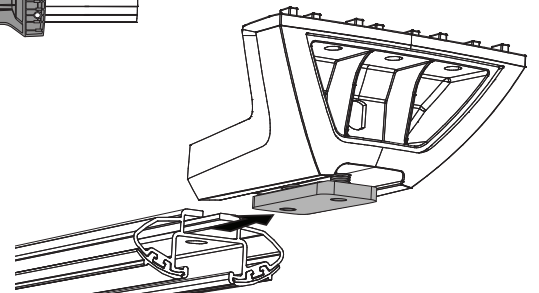
24 CHECK BAR SLOT MEASUREMENTS

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 24.

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

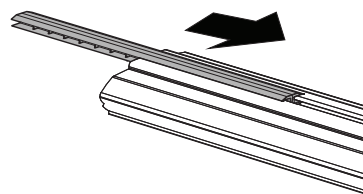
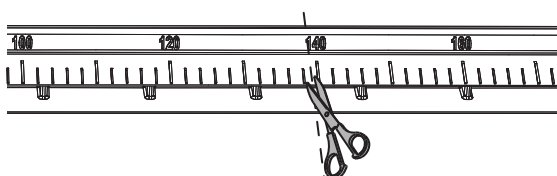


Remove Legs from Bar once equal measurement is obtained and recorded. Loosen the previously finger tightened screw on each leg, keeping Nut Plate and Screw assemblies in place as shown.

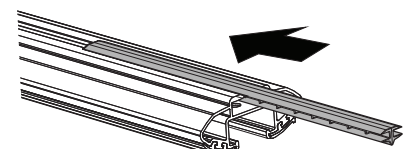


25 BAR SLOT COVERS

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.



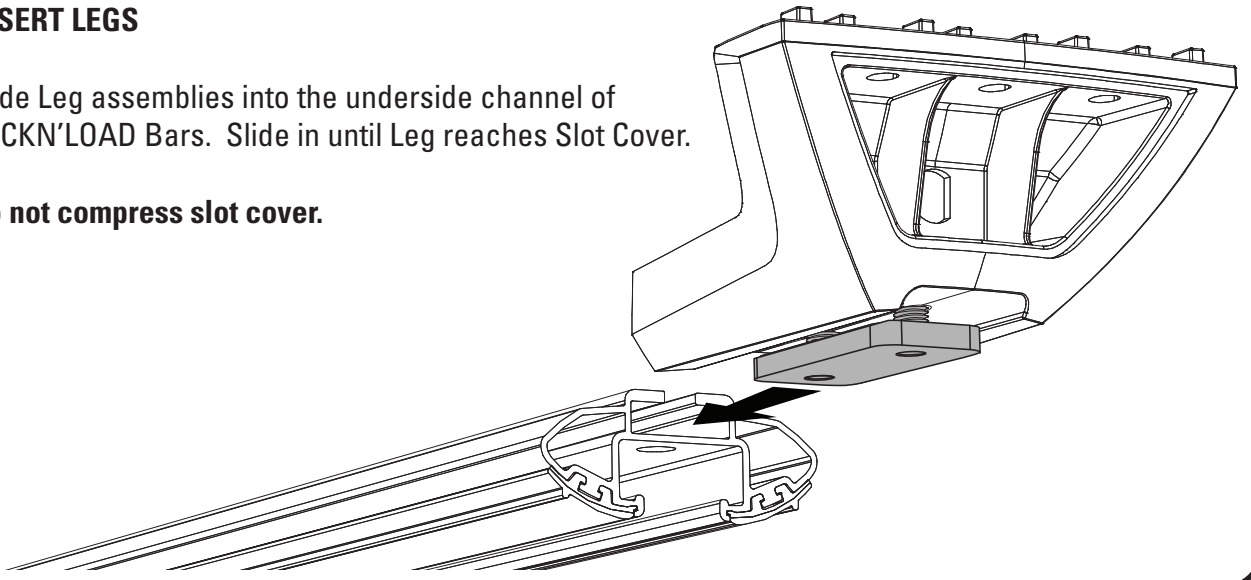
NOTE - Bar Slot Covers to be inserted with flat side visible



26 INSERT LEGS

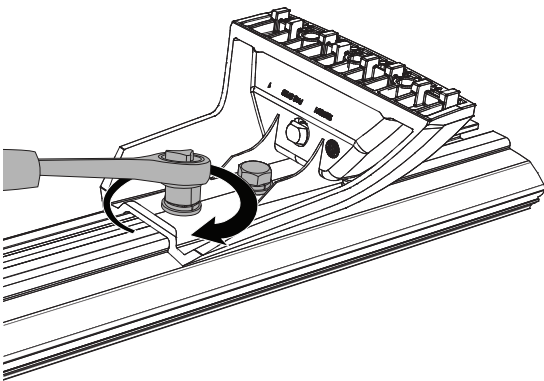
Slide Leg assemblies into the underside channel of LOCKN'LOAD Bars. Slide in until Leg reaches Slot Cover.

Do not compress slot cover.



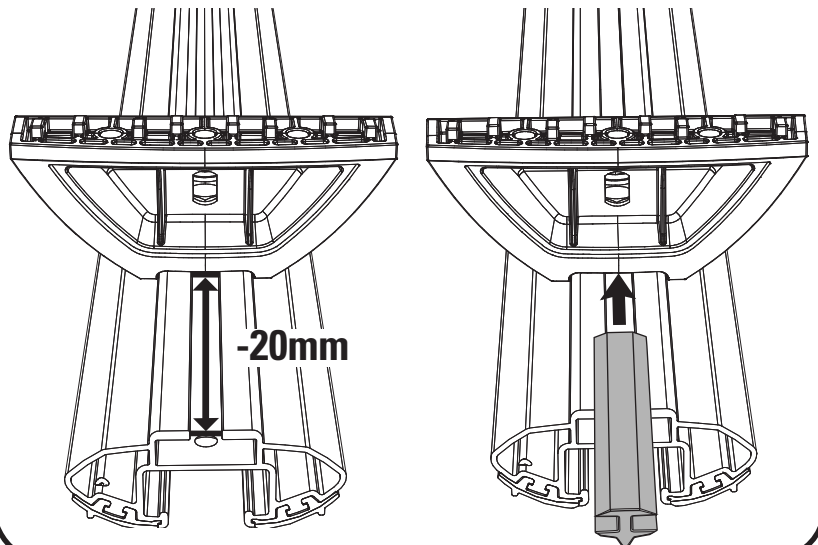
27 SECURE LEGS TO BARS

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



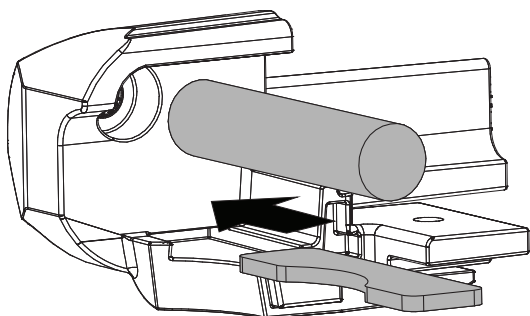
28 BAR SLOT COVERS (OUTSIDE LEG)

Measure the Bar channel outside of the Legs and subtract 20mm from this measurement. Using the remaining pieces of Slot Cover from Step 26, cut to this length and insert into the underside channel of each Bar end as shown.

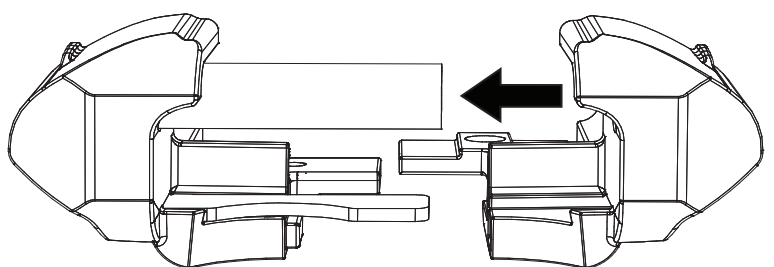


29 END CAP ASSEMBLY

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



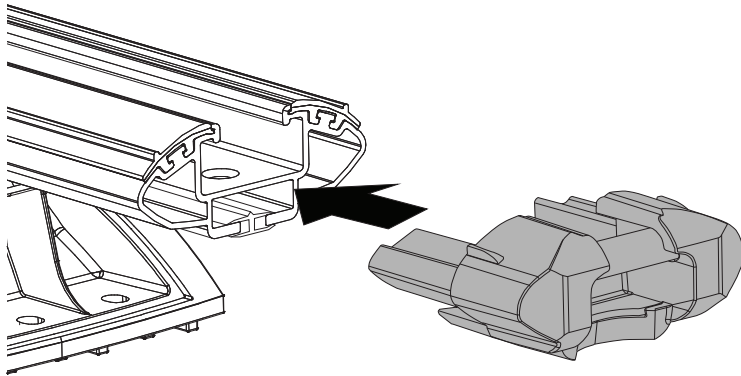
30 Connect all End Cap Halves together.



31

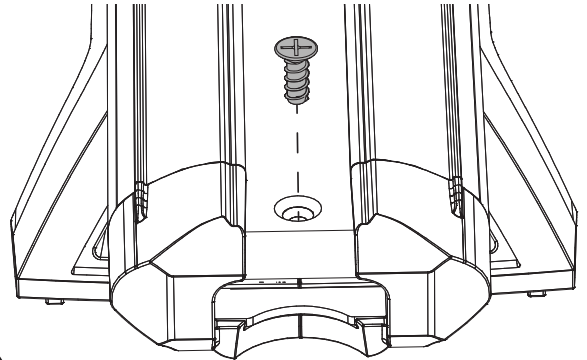
SECURE END CAPS TO BARS

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



32

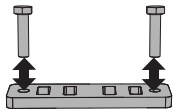
Secure using Plastite Screw (from LOCKN'LOAD Leg Kit). Tighten using a #2 Phillips Head Screwdriver.



33

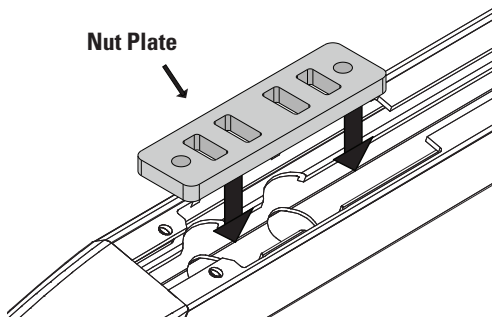
INSERT NUT PLATES

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



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

Nut Plate

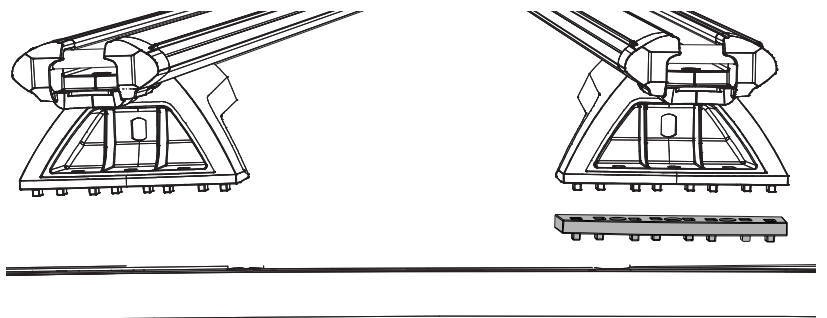


34

HEIGHT PACKER SET-UP

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

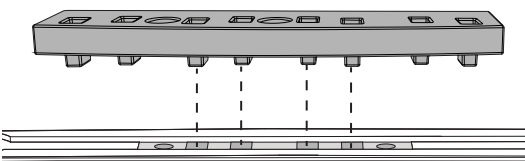
Vehicle Front →



35

HEIGHT PACKER FITMENT

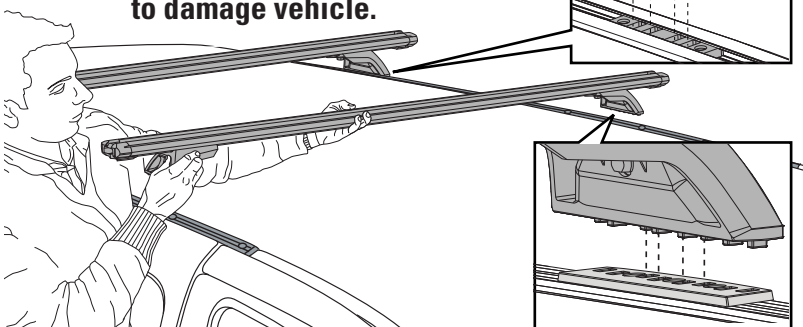
Fit Height Packers on top of Nut Plates, locating the four central raised Notches on base of Height Packer into the cut outs on Nut Plate as shown.



36

BAR FITMENT

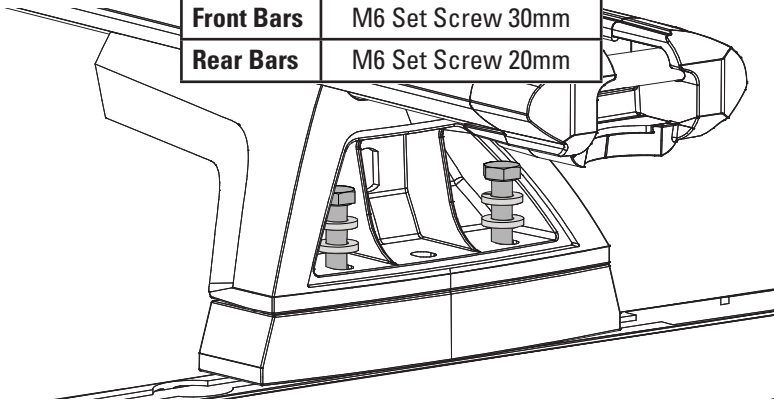
Slide Height Packers on Track into position for front Bar placement and Nut Plates for rear Bar placement. Place Bar assembly onto Tracks, carefully locating the four central raised notches on base of Legs into the cut outs on Height Packers and Nut Plates as shown. **Take care not to damage vehicle.**



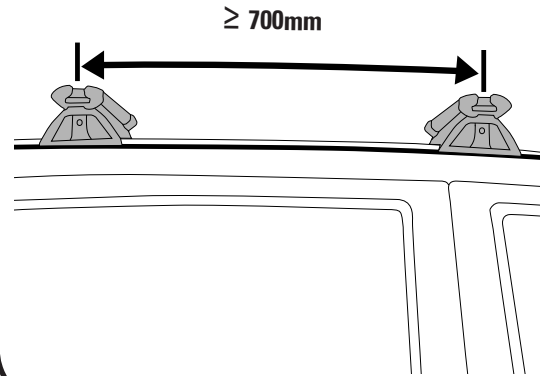
37**SECURE BARS TO TRACKS**

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

Front Bars	M6 Set Screw 30mm
Rear Bars	M6 Set Screw 20mm

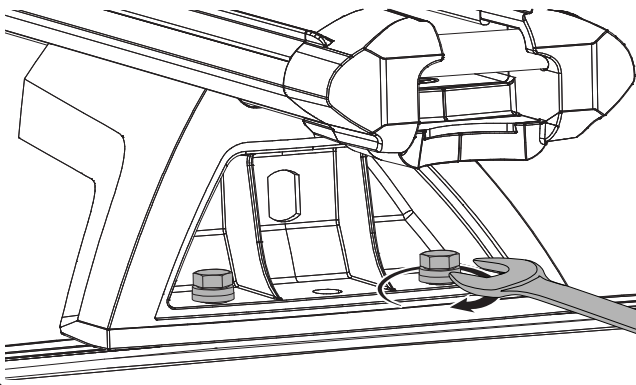
**38**

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

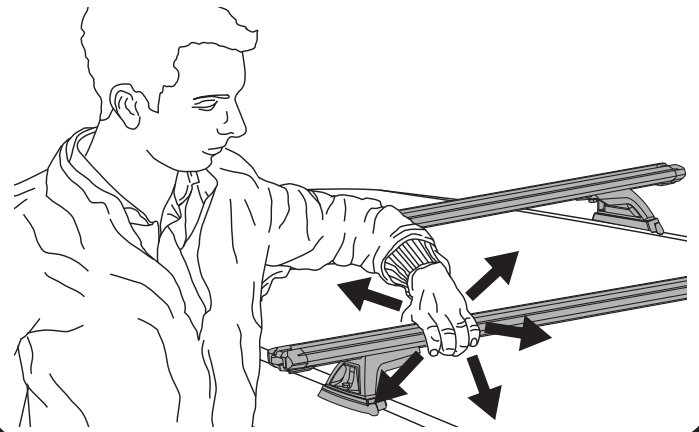
**39**

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

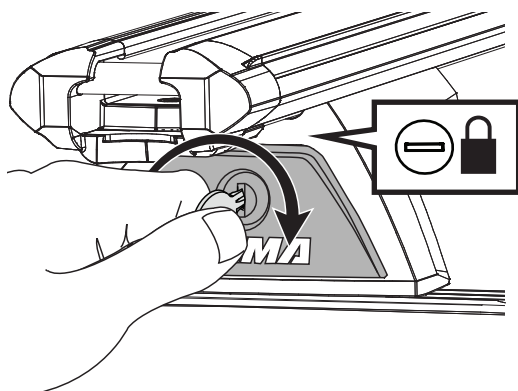
Do not over tighten.

**40****CHECK BAR LEGS ARE SECURE**

Check all Bar Legs are secure.

**41****FIT LEG COVERS**

Using the keys and Covers supplied in the LOCKN'LOAD Leg Kit, fit and lock all Leg Covers.

**42****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: