

MAX VEHICLE ROOF LOAD RATING: 100 KG

TOTAL LOAD EQUALS WEIGHT OF ROOF RACKS + ACCESSORIES + CARGO

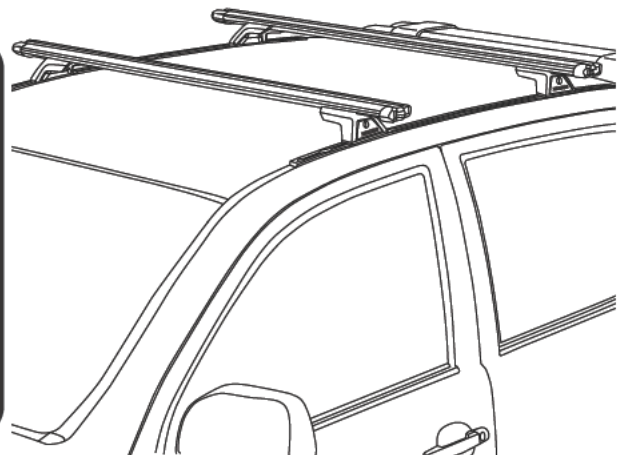
FIRST TIME INSTALLATION

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

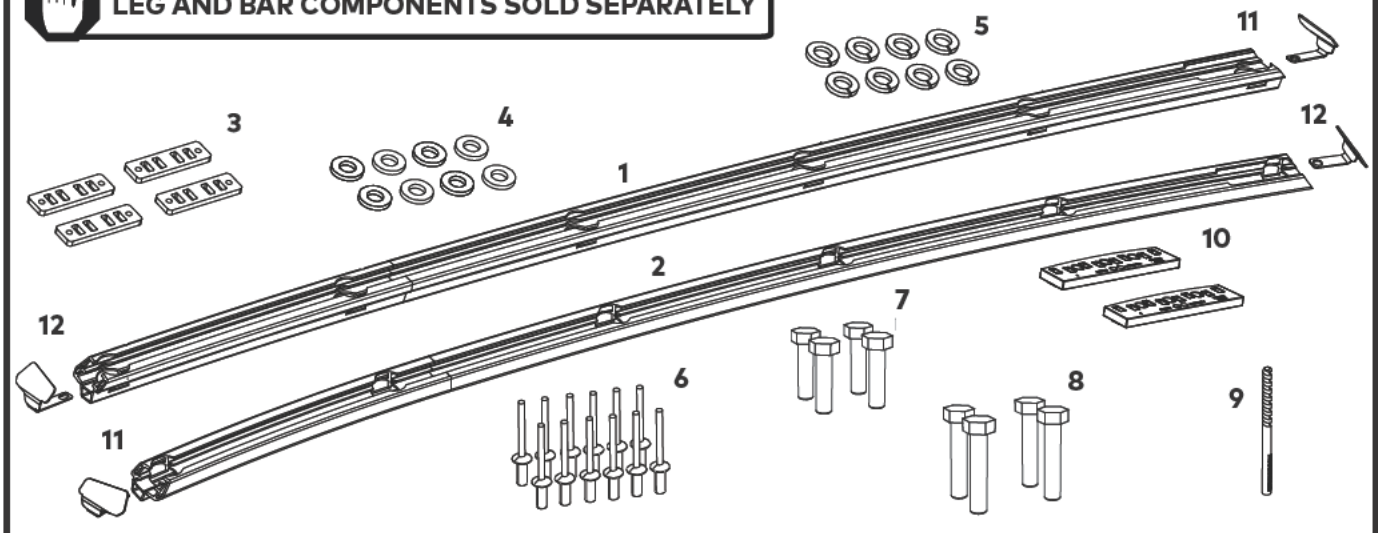


KIT CONTENTS

| ITEM | COMPONENT | QTY | ITEM | COMPONENT | QTY |
|------|--|-----|------|---------------------------------|-----|
| 1. | Track Mits. Triton ML/MN Right Hand Side | x1 | 7. | M6 Hex Screw 20 mm | x4 |
| 2. | Track Mits. Triton ML/MN Left Hand Side | x1 | 8. | M6 Hex Screw 30 mm | x4 |
| 3. | Track Nut Plate | x4 | 9. | 4.9 mm Drill Bit | x1 |
| 4. | M6 Washer | x8 | 10. | LockNLoad 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 |



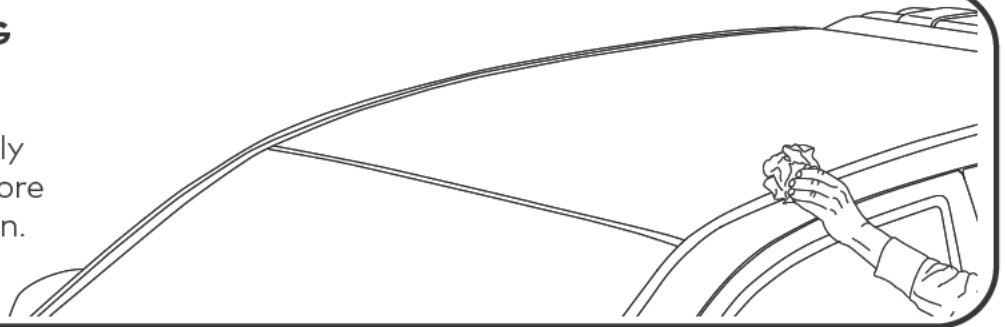
LEG AND BAR COMPONENTS SOLD SEPARATELY



TRACK INSTALLATION

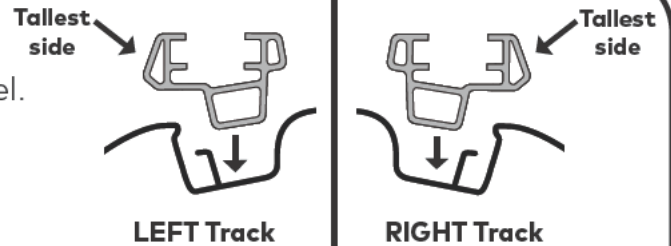
1 BEFORE BEGINNING INSTALLATION

Clean roof thoroughly and allow to dry before beginning installation.



2 TRACK ORIENTATION

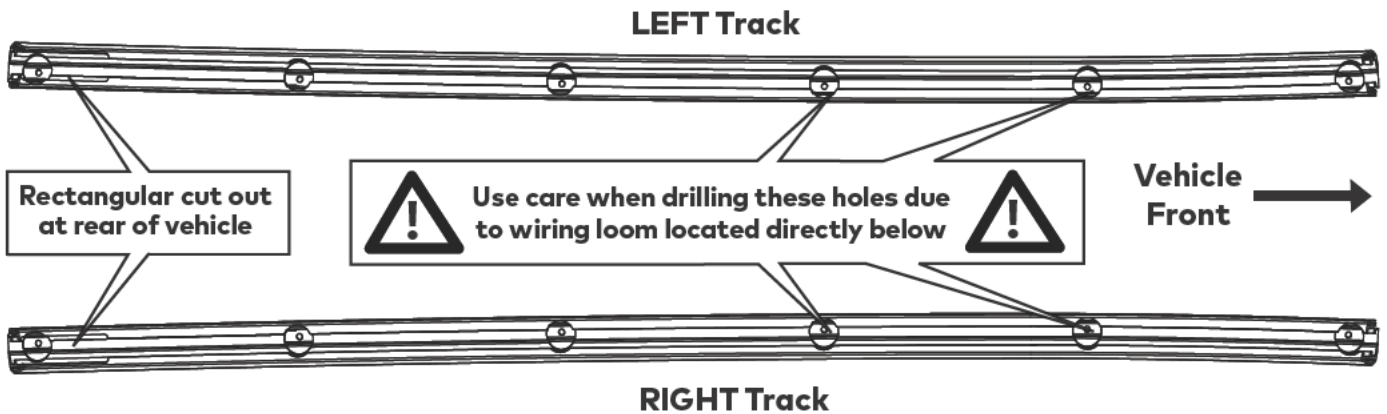
Track locates against spine in roof channel. The tallest side of Track faces **outside of vehicle** as shown, with rectangular cut outs at rear of vehicle.



It is recommended to install one Track at a time.

NOTE - images as viewed from rear of vehicle

The help of an assistant is required to install Tracks.

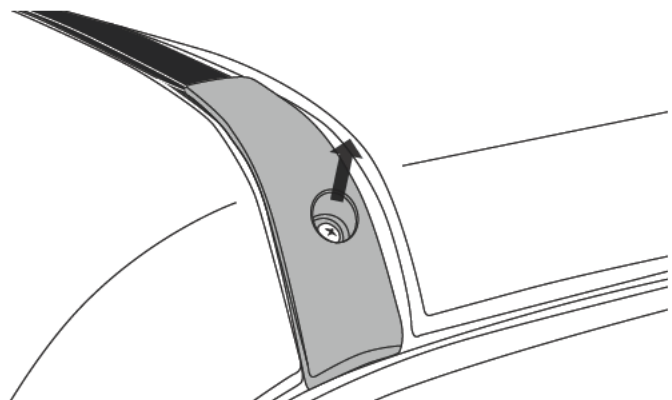


NOTE - image as viewed from above

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.



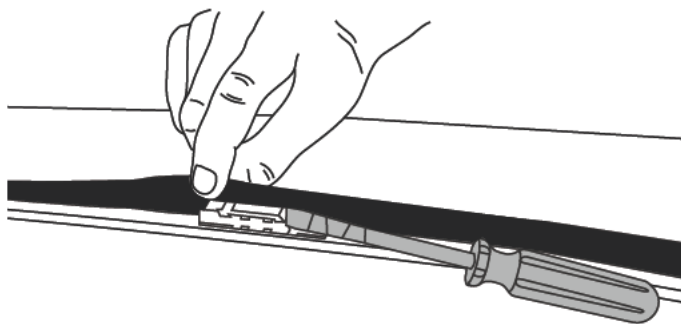
Vehicle Rear

4**COMPLETELY REMOVE ROOF TRIM**

Lift rubber roof trim with fingers to expose the white plastic clips in the channel. Using a Flat Head 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.

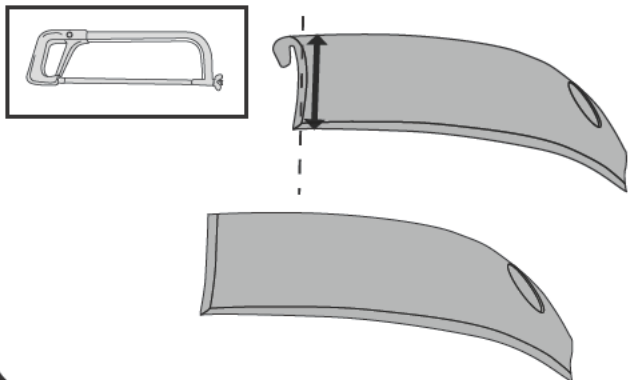
Store roof trim in a safe location for use in Step 15.



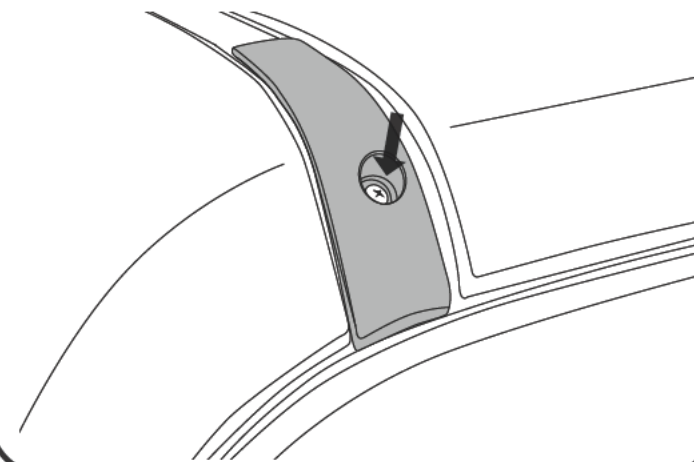
NOTE - Lift trim from edge facing outside of roof

5**CUT ROOF TRIM CAP**

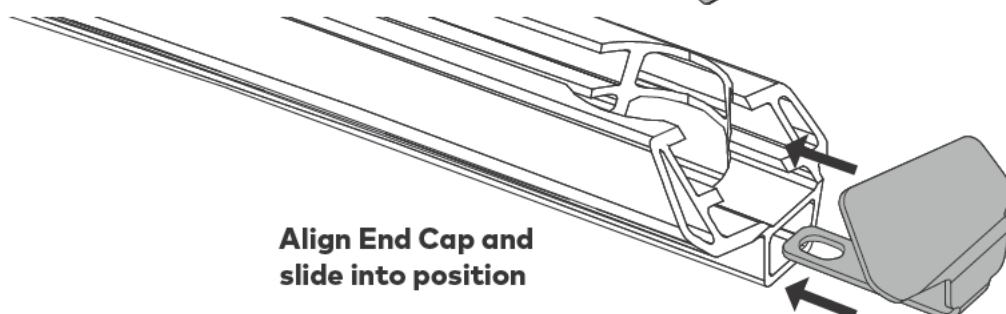
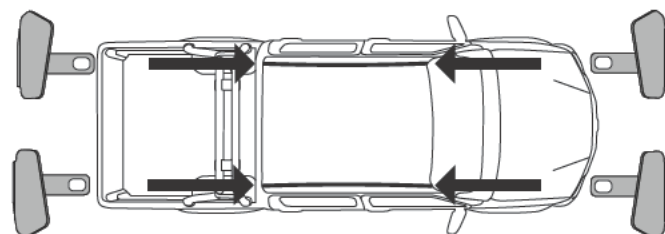
Using a Fine Tooth Hacksaw, cut a small amount off the roof trim cap removed in Step 3 to square it off as shown. Neaten edges as required.

**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**

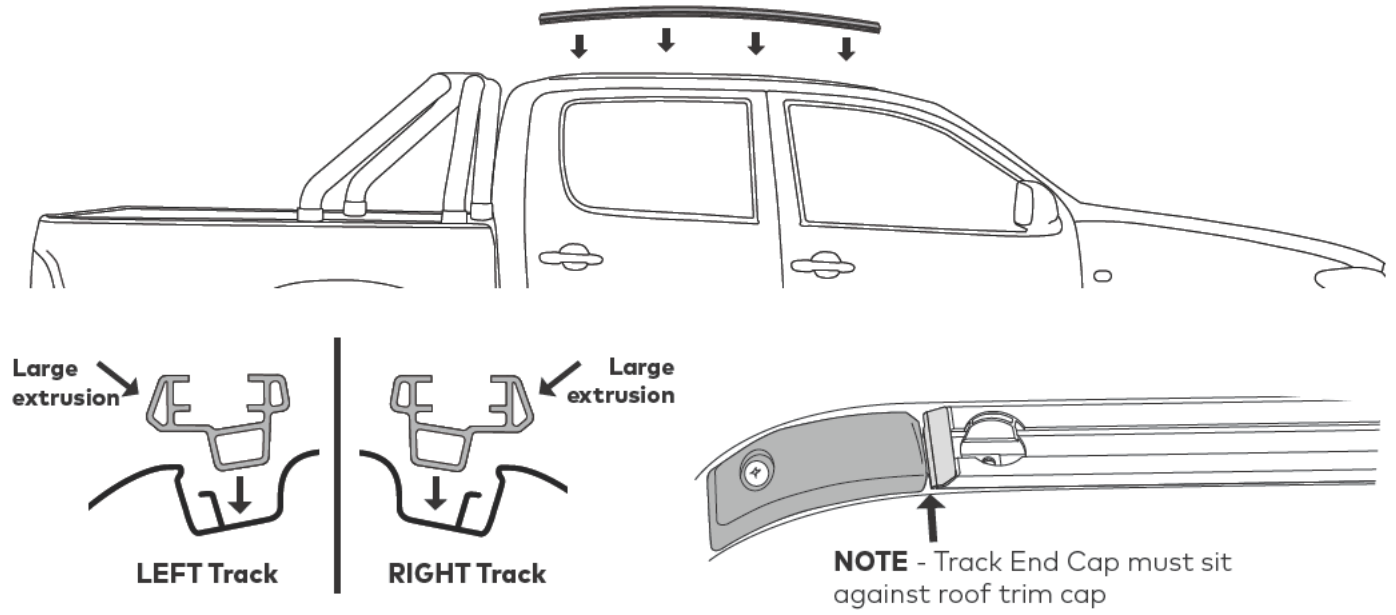
Assemble End Caps within Tracks as shown, taking note of End Cap orientation.



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.



NOTE - images as viewed from rear of vehicle

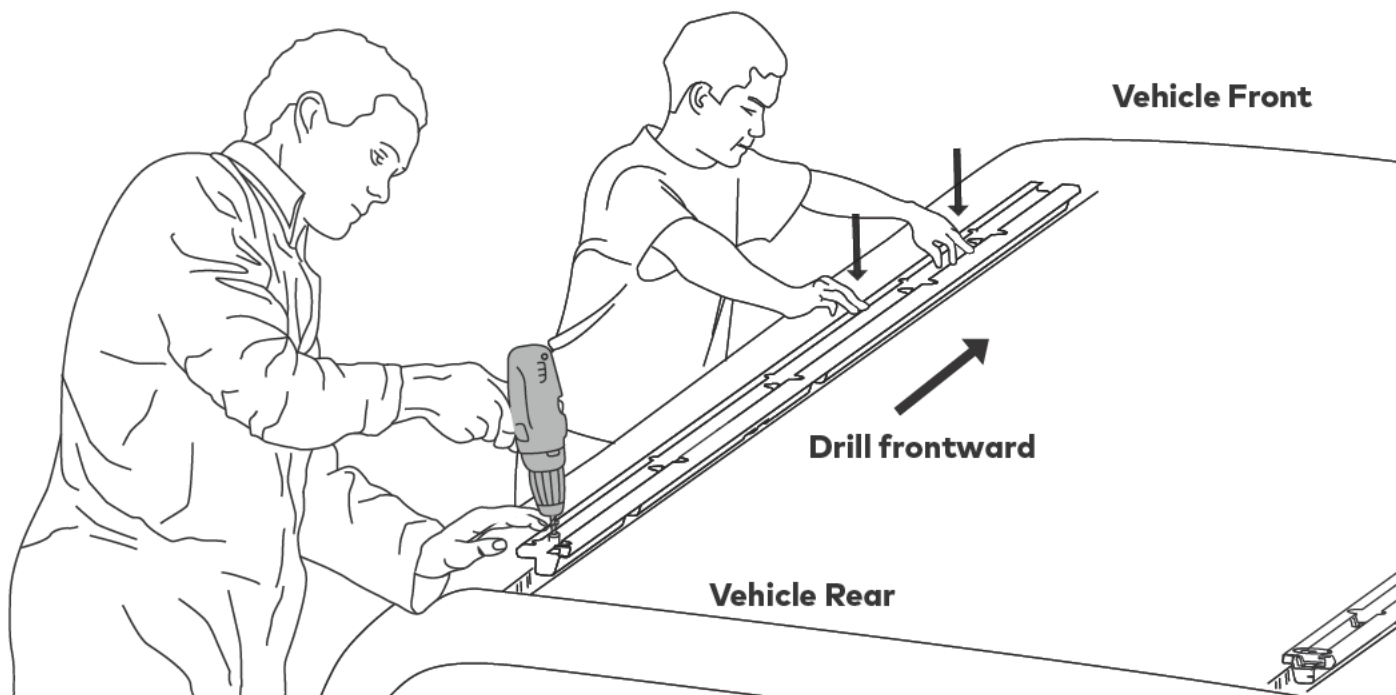
9

SPOT DRILL RIVET HOLES

With the help of an assistant, hold track down firmly in roof channel.

Using the supplied 4.9 mm 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

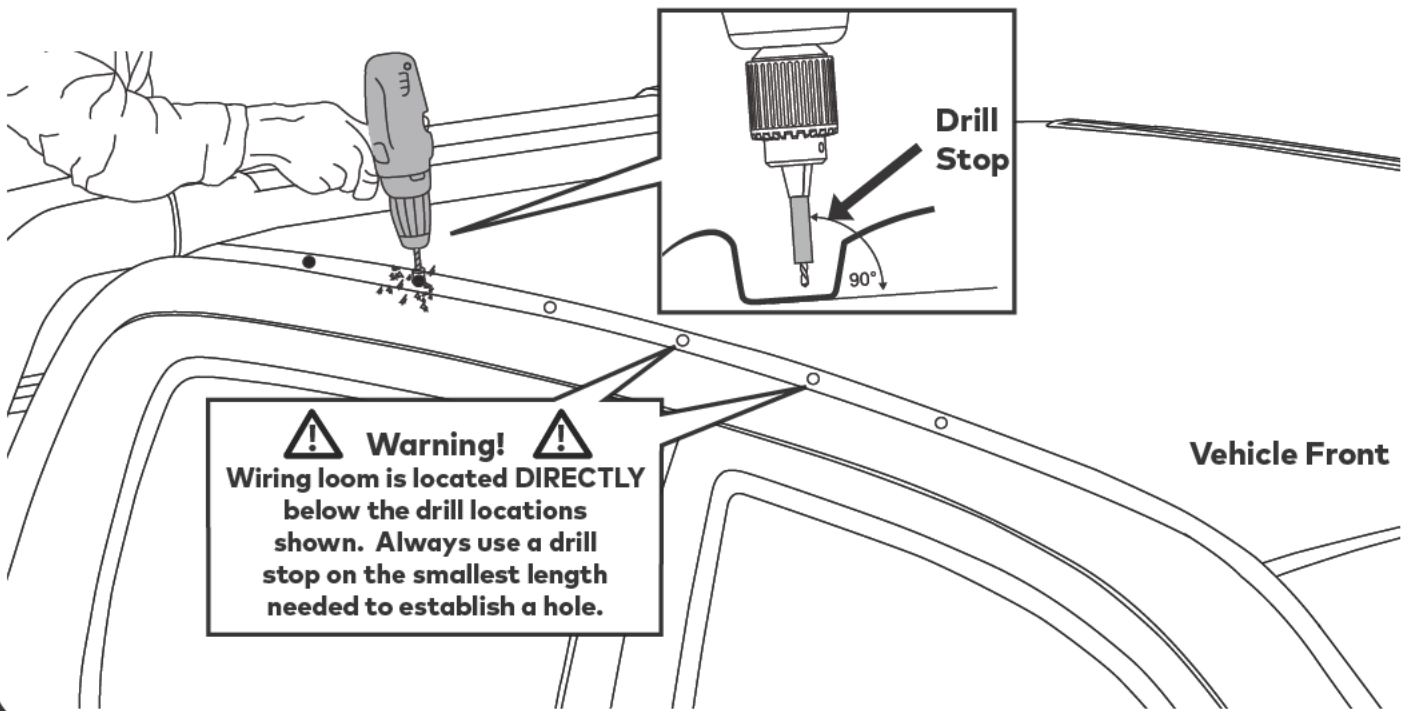
DRILL ROOF CHANNEL

All rivet holes can now be carefully drilled through.

To avoid drilling into roof lining a drill stop must be set at 5 mm. 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 1 mm increments until a complete hole is formed at each location. The drill bit should only just break through into the roof cavity.

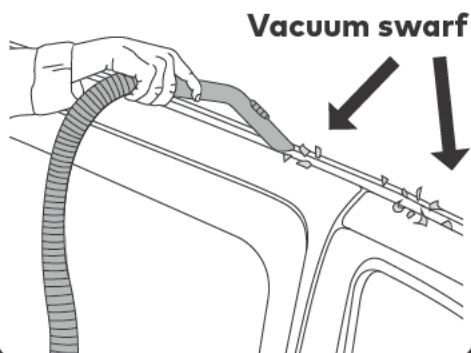
NOTE - Once all holes are correctly drilled, ensure the interior light still functions to confirm no damage to the wiring loom.



11

REMOVE SWARF

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



12

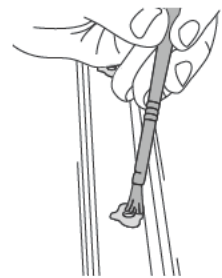
APPLY PROTECTIVE SEALANTS

Stage 1

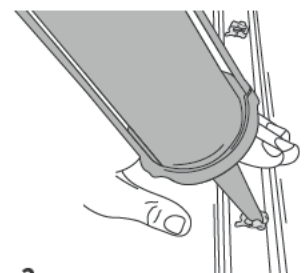
Liberaly apply a Zinc Rich Cold Galvanising Solution to the inside surface and surrounds of each drilled hole. Allow solution to become touch dry before proceeding with Stage 2 (approx. 10 min depending on product used).

Stage 2

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



Apply liberaly in and around holes. Allow to dry.

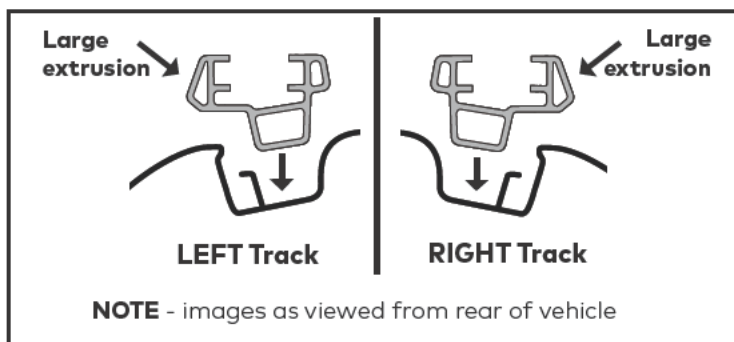
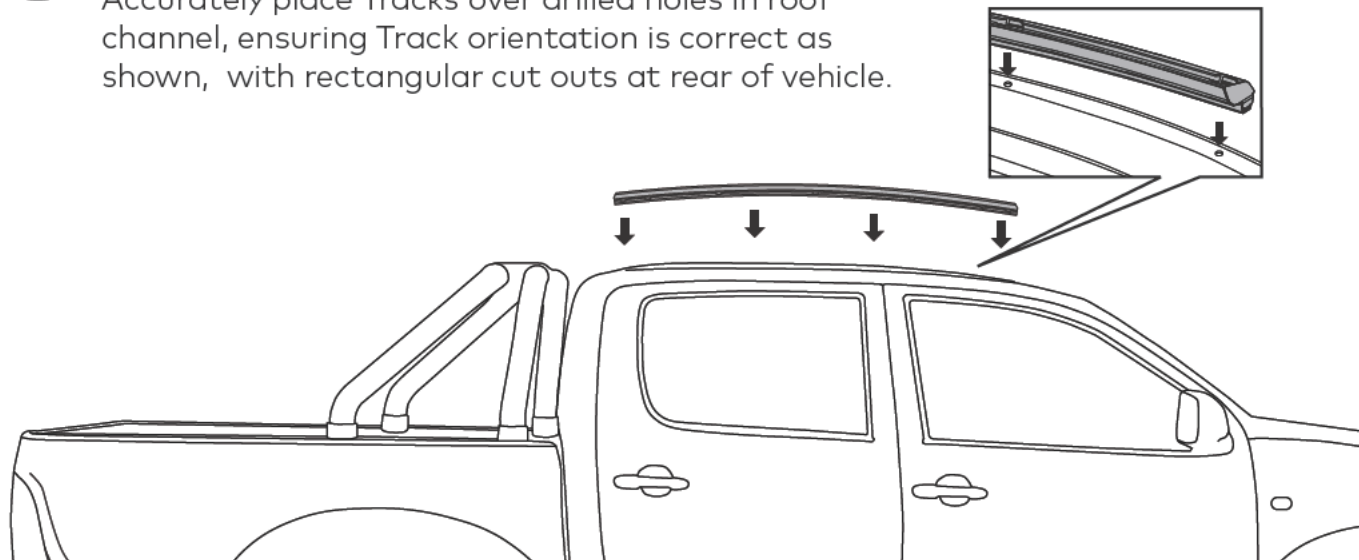


Apply liberaly in and around holes

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.

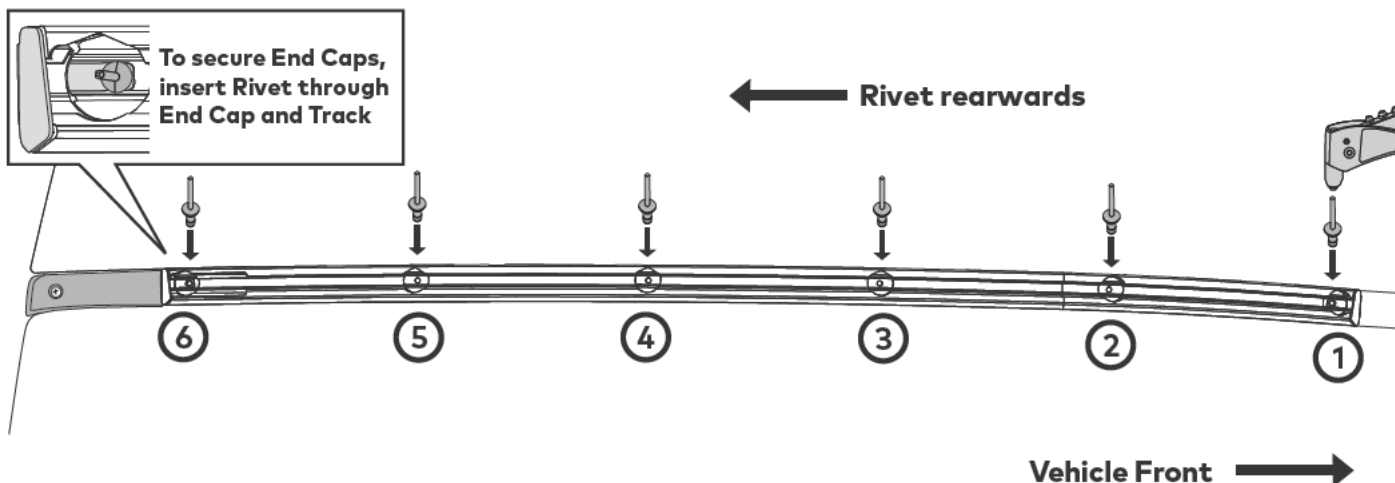


14

TRACK INSTALLATION

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

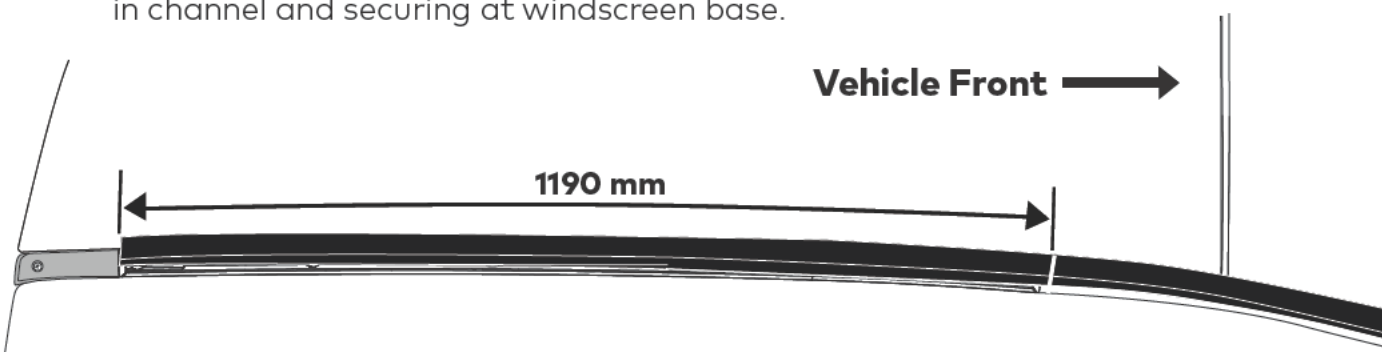
Using a Rivet Gun, punch each Rivet starting from the front of the vehicle working consecutively rearwards as shown. Ensure to keep Track against spine in roof channel.



15 CUT AND REFIT FRONT ROOF TRIM

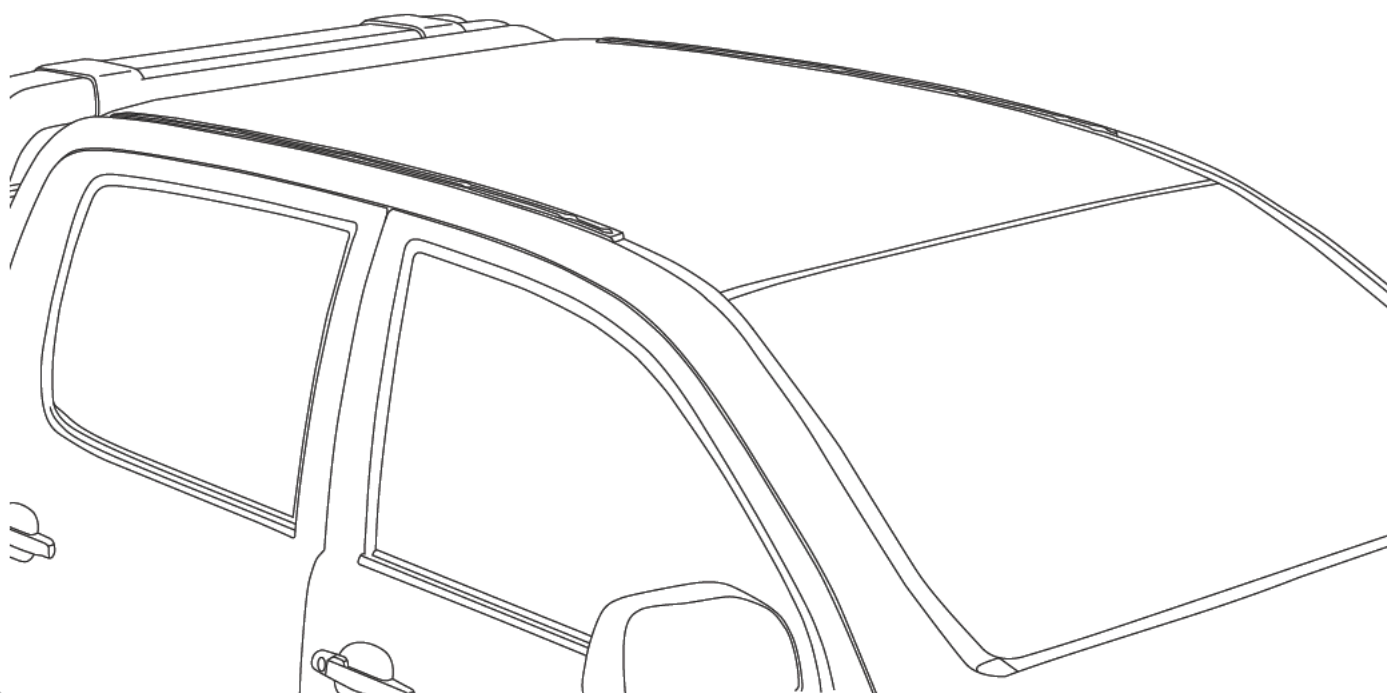
Place roof trim removed in Step 4 on top of Track and re-attach at the base of the windscreen. Using a Tape Measure, measure 1190 mm forward from the rear of the Track and mark a measurement line on trim with a pencil. Remove trim from vehicle and cut trim on marked line with a hacksaw. There is a steel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



! IF INSTALLING LockNLoad ROOF RACKS, CONTINUE ON STEP 17

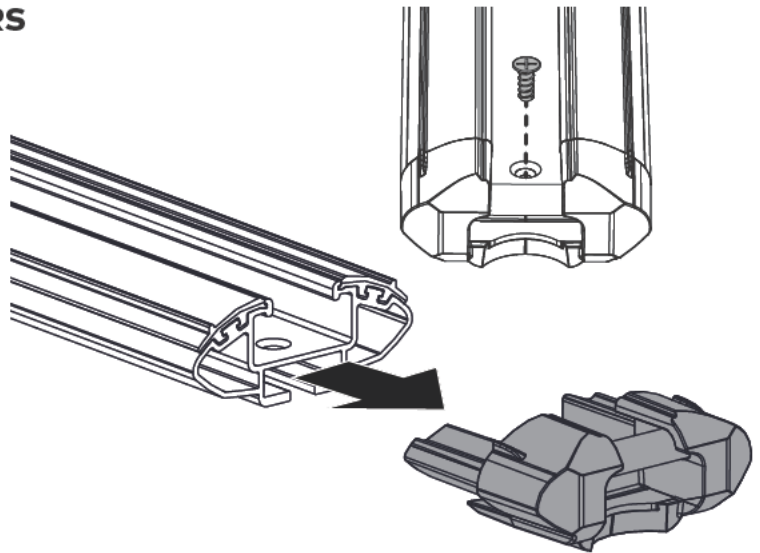
IF INSTALLING LockNLoad PLATFORM, NOW SWITCH TO YOUR PLATFORM INSTRUCTIONS

BAR INSTALLATION

17 REMOVE END CAPS FROM BARS

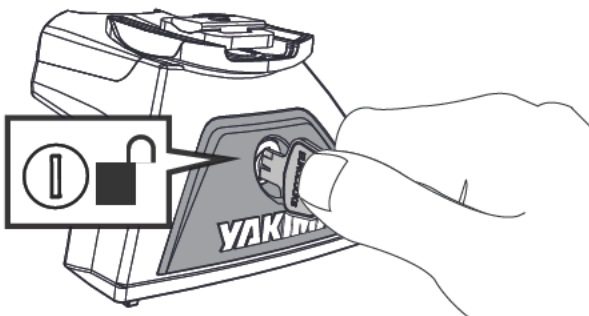
From the LockNLoad Bar Kit (sold separately), remove Plastite Screw from each Bar end using a #2 Phillips Head Screwdriver and pull out End Caps from Bars.

Keep all parts aside for later installation.



18 REMOVE LEG COVERS

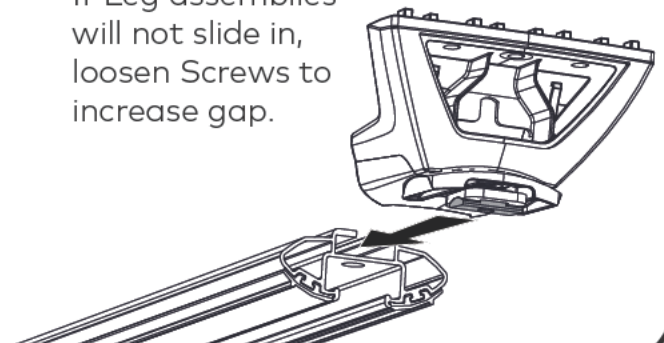
Using the keys supplied in the LockNLoad Leg Kit (sold separately), remove all Leg Covers.



19 INSERT LEGS

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

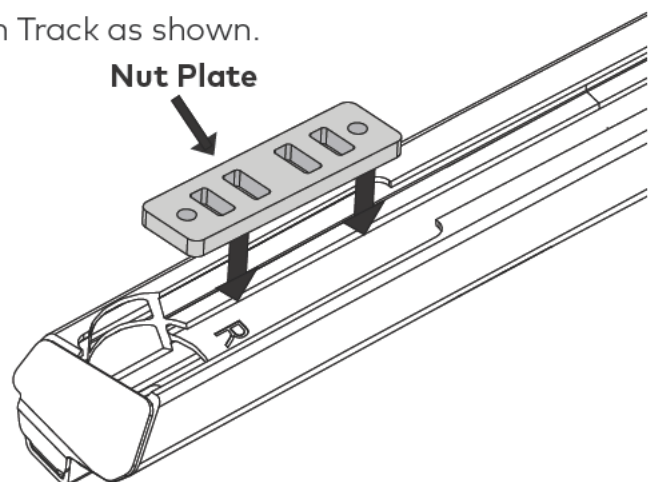
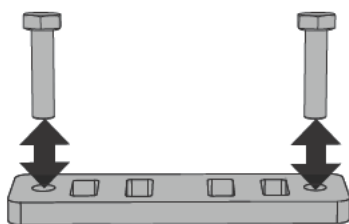
If Leg assemblies will not slide in, loosen Screws to increase gap.



20 INSERT NUT PLATES

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

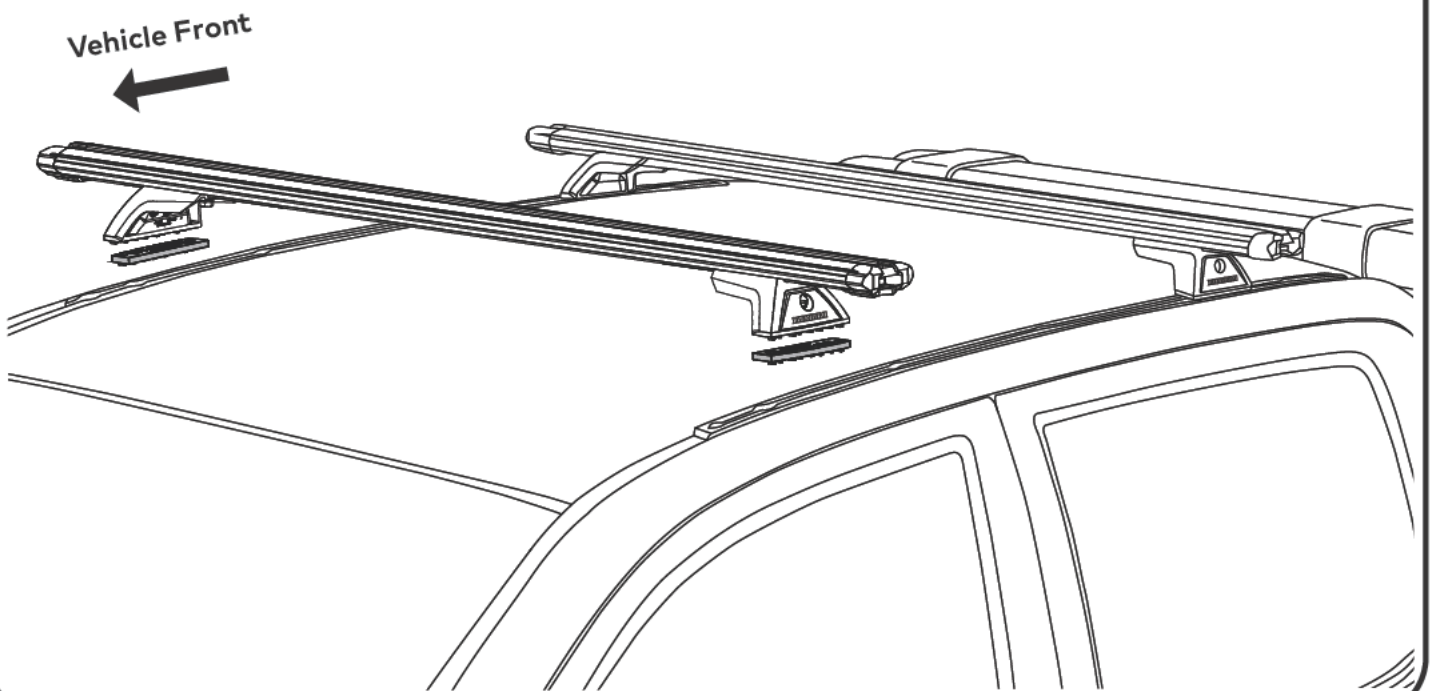
Insert two (2) Nut Plates into each Track as shown.



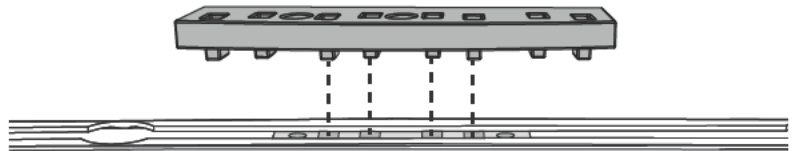
21**HEIGHT PACKER SET-UP**

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

The front Bar requires 1 x Height Packer on each leg as shown.

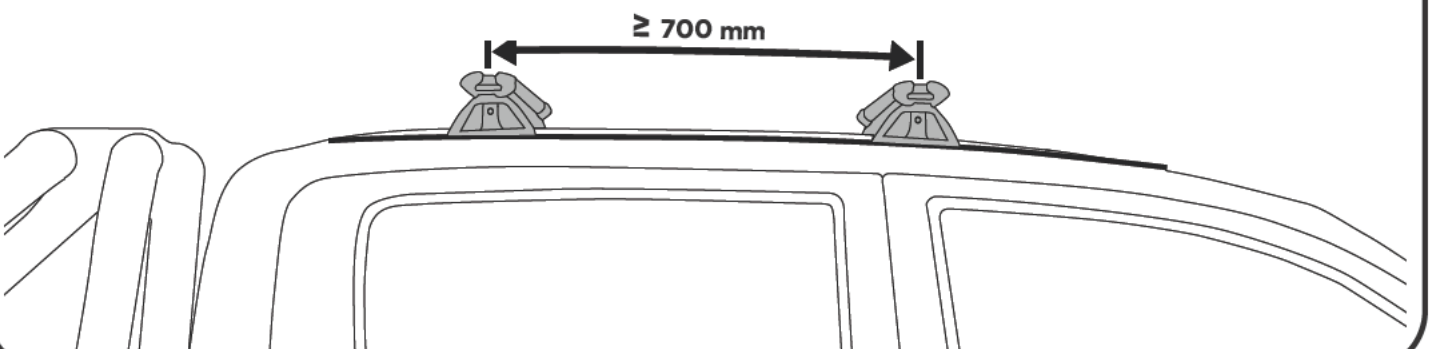
**22****HEIGHT PACKER FITMENT**

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.

**23****BAR LOCATION**

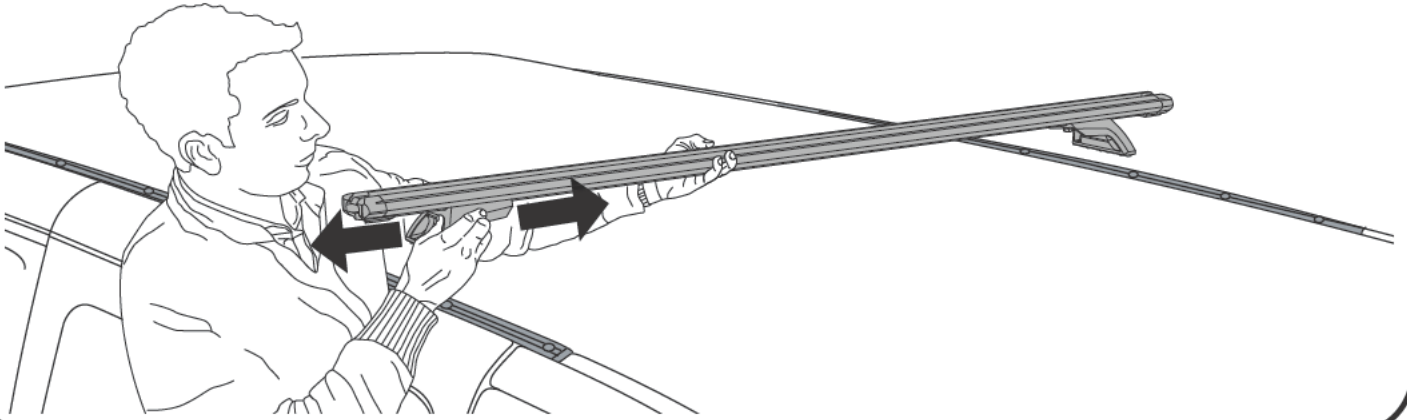
IMPORTANT: Before beginning Bar installation, identify where along the Track you want the Front and Rear Bars fitted.

We recommend a minimum of 700 mm between Bars.

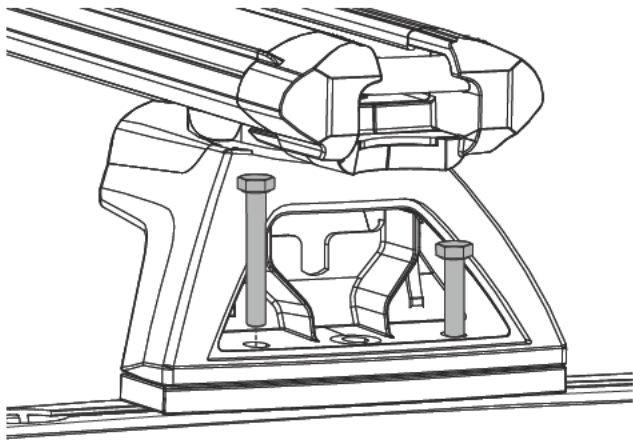


24**BAR PLACEMENT**

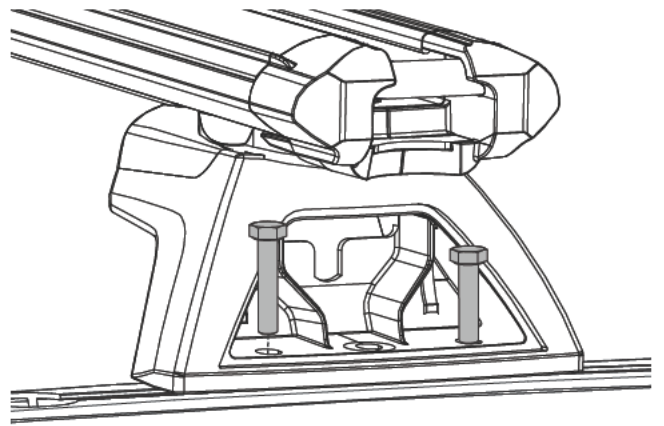
Carefully place front Bar assembly over Height Packers, ensuring spacing is correct as shown in the previous Step. **Take care not to damage vehicle.** Position Legs along Bar until both legs are securely positioned on Height Packers within Track.

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

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



| | |
|-------------------|--------------------|
| Front Legs | M6 Set Screw 30 mm |
|-------------------|--------------------|



| | |
|------------------|--------------------|
| Rear Legs | M6 Set Screw 20 mm |
|------------------|--------------------|

26**ADJUST BAR OVER HANG**

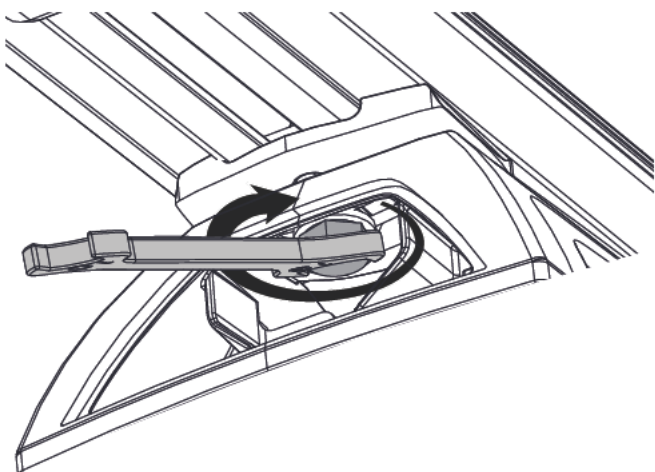
Use a Tape Measure to ensure even Bar overhang on each side, re-adjust if required by sliding bar along legs.



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

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.

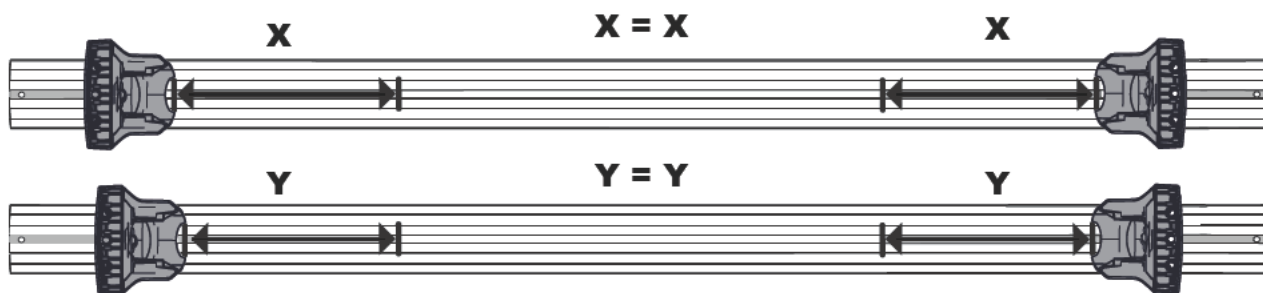
Identify slot on each Bar end. Using a Tape Measure, record Leg to underside slot distance of each bar in the table (right). Ensure measurement is taken from the centre of the Legs as shown.

BAR SLOT MEASUREMENTS**Bar 1 (X)**

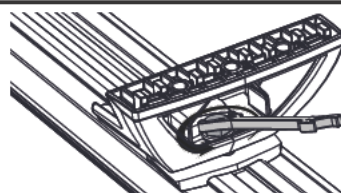
_____mm x2

Bar 2 (Y)

_____mm x2

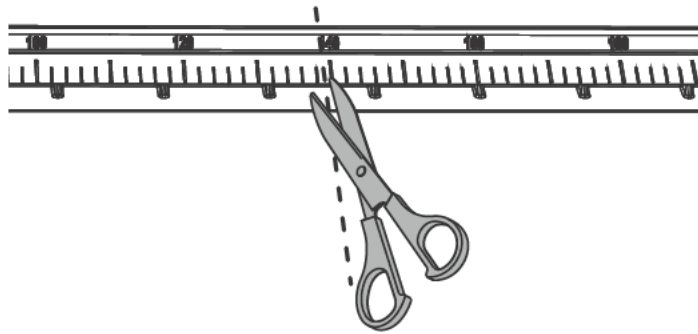


The ends of each bar should be the same measurement respectively, if not, loosen M8 Set Screws and repeat Steps 24-29.

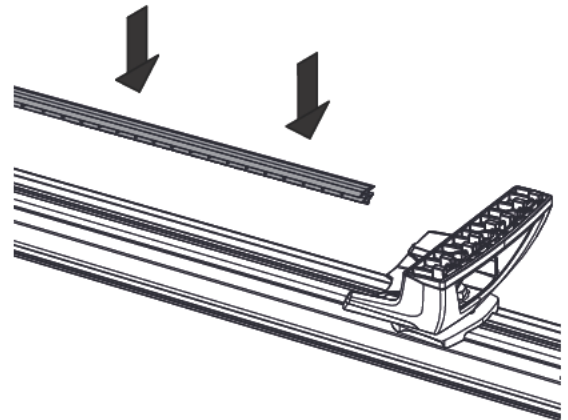


30**BAR SLOT COVERS (INSIDE LEG)**

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.

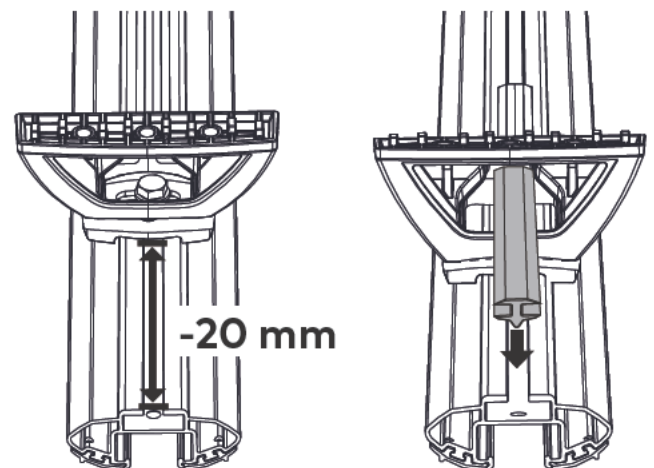


NOTE - Bar Slot Covers to be inserted with flat side visible

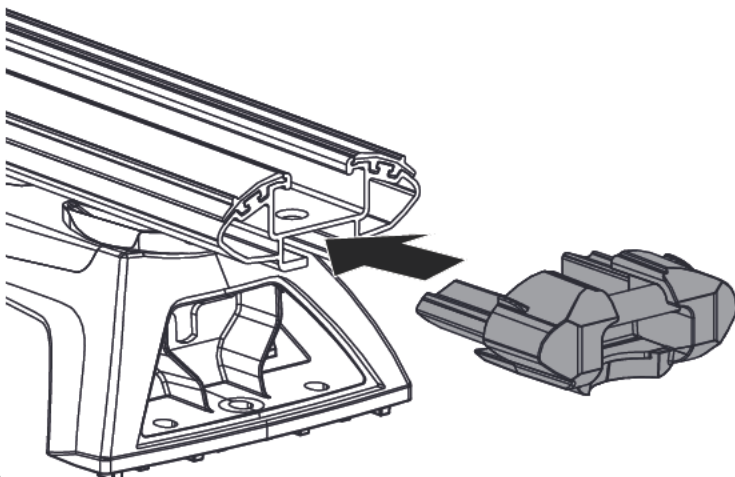
**31****BAR SLOT COVERS (OUTSIDE LEG)**

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

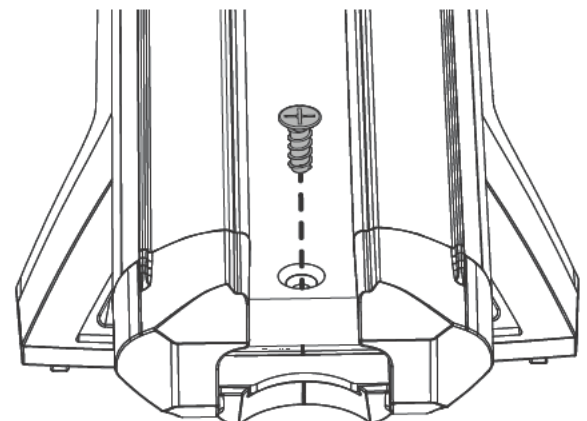
Using the remaining pieces of Slot Cover from the previous Step, cut to this length and press into the underside channel of each Bar end as shown.

**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.

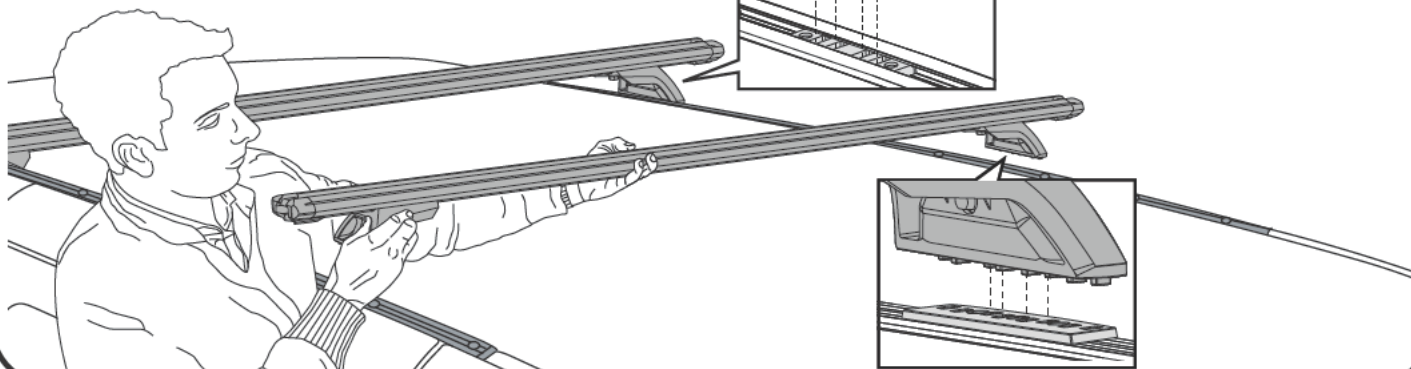


34**BAR FITMENT**

Slide Height Packers on Track into position for front Bar placement and Nut Plates for rear 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 Height Packers and Nut Plates as shown.

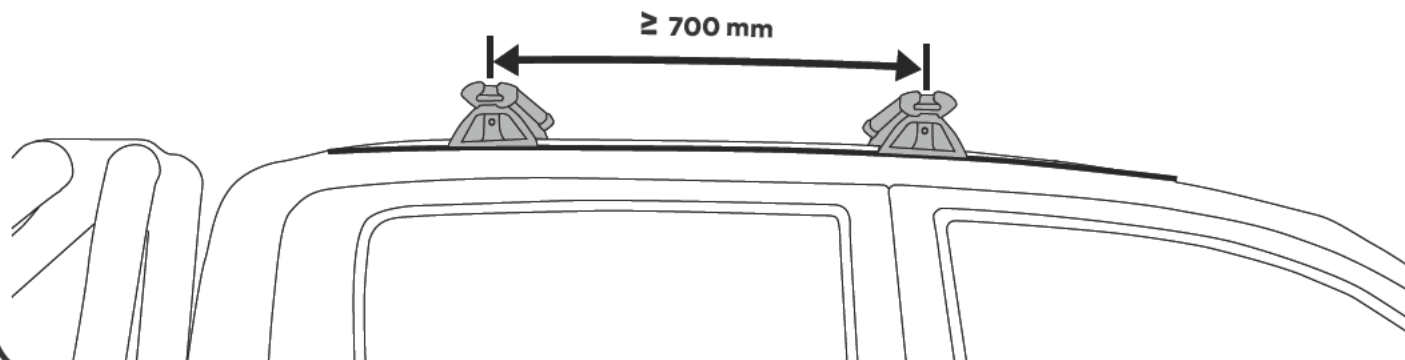
Take care not to damage vehicle.

Repeat for remaining bar.

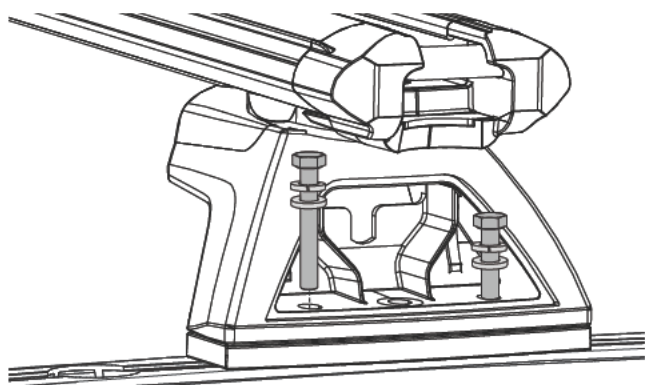
**35**

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

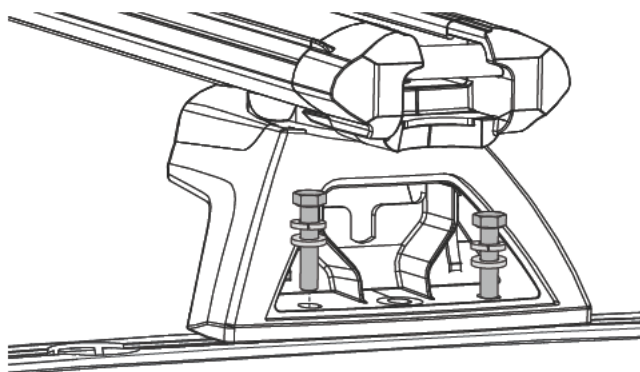
Measure from the centre of each Leg as shown.

**35****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 (20 mm and 30 mm). Insert through the outer holes on Legs into Height Packer as shown.



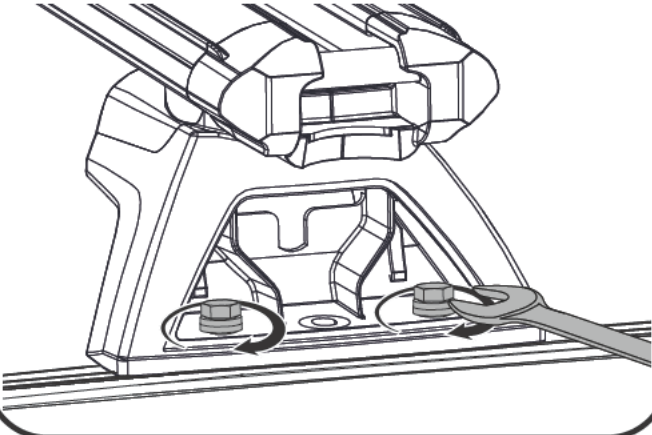
Front Legs M6 Set Screw 30 mm



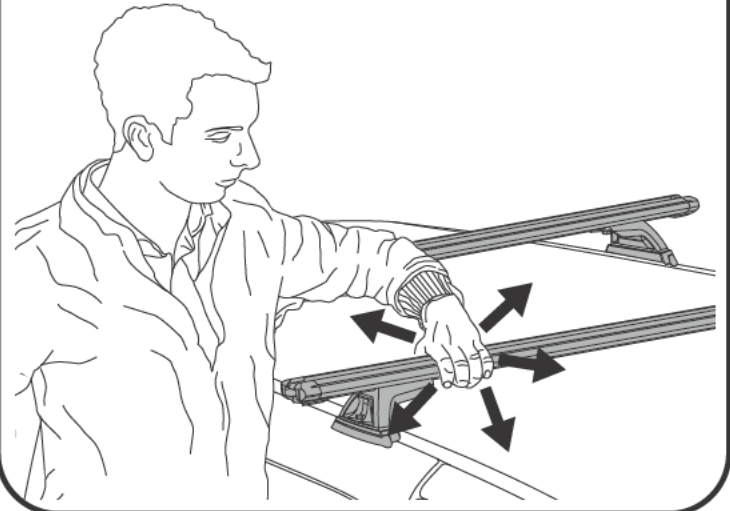
Rear Legs M6 Set Screw 20 mm

36**SECURE BARS TO TRACKS**

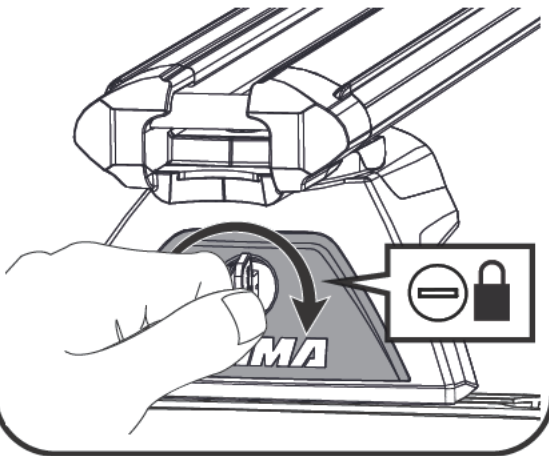
Tighten all M6 Hex Screws to 5 Nm using a 10 mm Open Ended Spanner. **Do not over tighten.**

**37****CHECK BAR LEGS ARE SECURE**

Check all Bar Legs are secure.

**38****FIT LEG COVERS**

Using the keys and Covers supplied in the LockNLoad 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 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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