

MAXIMUM PRODUCT LOAD RATING: 150 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 Heavy Duty Roof Rack System.
- Place these instructions in the vehicle's glove box after installation is complete.



TOOLS REQUIRED:

- 13 mm Socket Wrench
- 13 mm Spanner
- 10 mm Open Ended Spanner
- #2 Phillips Head Screwdriver
- Torque Wrench (Optional)
- Rubber Mallet (Optional)
- Tape Measure
- Scissors
- Spirit Level



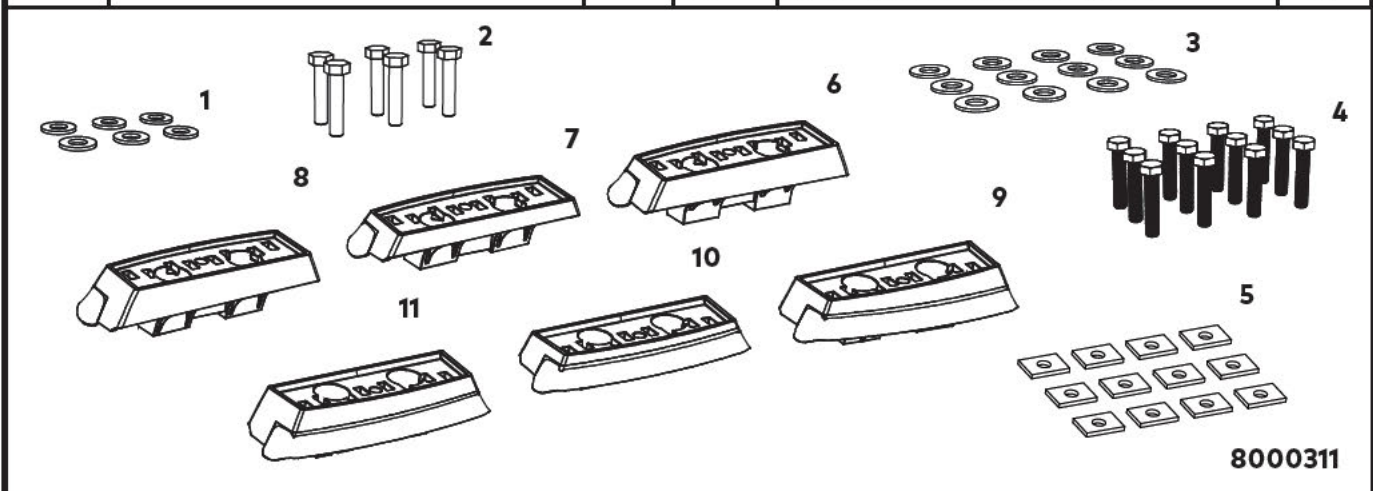
LEG AND BAR COMPONENTS SOLD SEPARATELY



IF INSTALLING LOCKNLOAD PLATFORM ON LAND CRUISER 200, HEIGHT PACKER KIT 8890338 MUST BE PURCHASED

KIT CONTENTS

ITEM	COMPONENT	QTY	ITEM	COMPONENT	QTY
1.	M6 Washer	x6	6.	Front Left Pad (2804013)	x1
2.	M6 Set Screw 30 mm	x6	7.	Middle Left Pad (2804014)	x1
3.	M8 Washer	x12	8.	Rear Left Pad (2804015)	x1
4.	M8 Hex Bolt 40 mm	x12	9.	Front Right Pad (2804016)	x1
5.	Foam Adhesive	x12	10.	Middle Right Pad (2804017)	x1
			11.	Rear Right Pad (2804018)	x1



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INSTALLATION



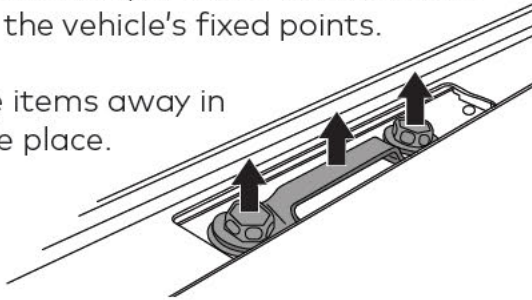
IF INSTALLING A LOCKNLOAD PLATFORM TO LAND CRUISER 200, PROCEED TO PAGE 7

1 REMOVE FIXED POINT HARDWARE

Remove fixed-point covers.

Remove bolts, washers and brackets from the vehicle's fixed points.

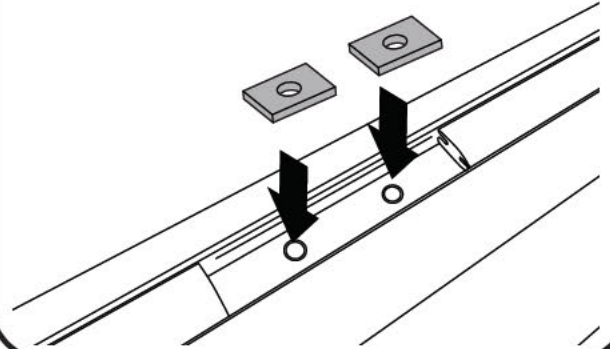
Store items away in a safe place.



NOTE - do not remove the front covers for the Land Cruiser 200.

2 AFFIX FOAM ADHESIVE

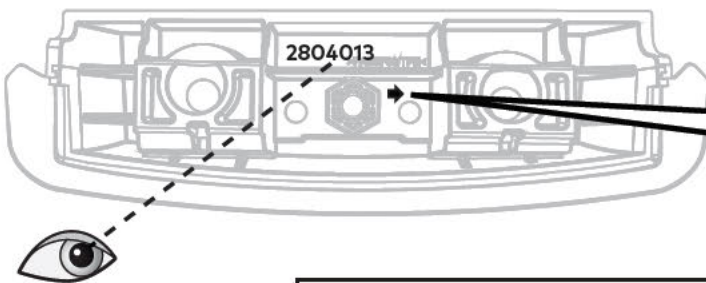
Apply Foam Adhesive over plastic tubes in the vehicle's mounting holes, with adhesive side to vehicle.



3 PAD POSITIONING

Place Pads over vehicle's fixed points as shown.

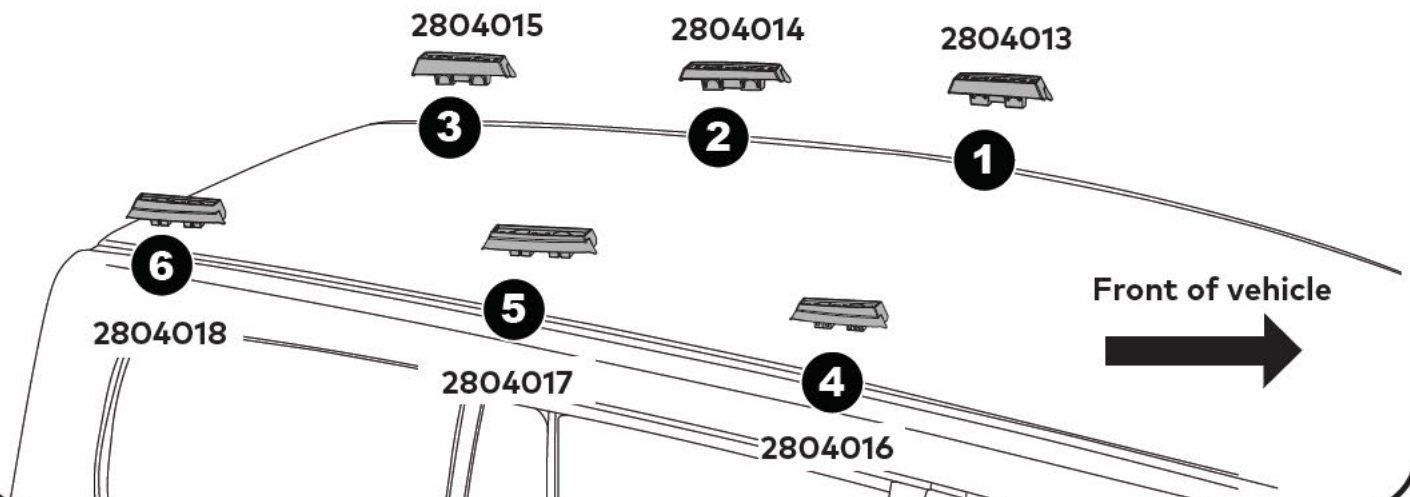
It is important to put the Pads in the correct position on the vehicle.



Ensure that the arrows on underside of Pads are facing the front of vehicle

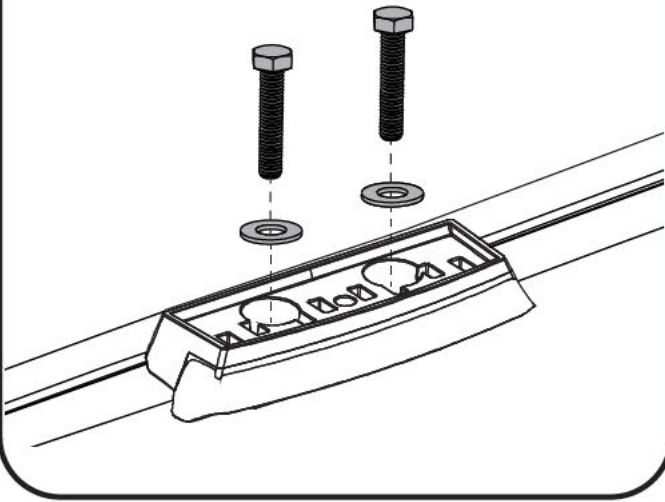


1 = 2804013 **2** = 2804014 **3** = 2804015
4 = 2804016 **5** = 2804017 **6** = 2804018



4 SECURE PADS TO FIXED POINTS

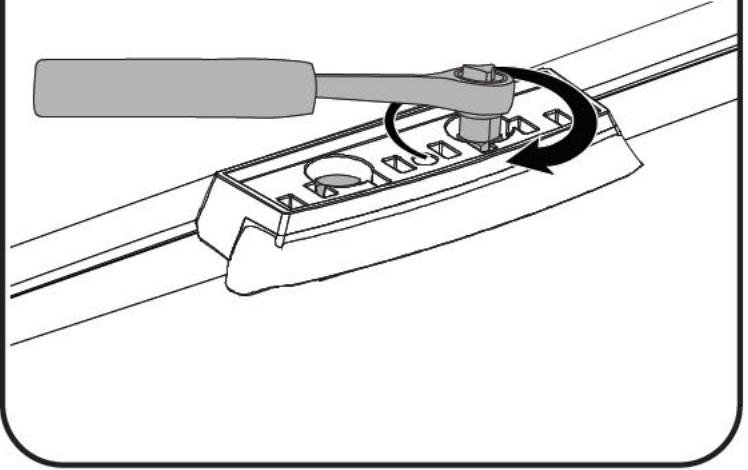
Assemble 1 x M8 Washer onto each M8 Hex Bolt 40 mm as shown. Insert into Pads.



5

Tighten all M8 Hex Bolts to 7 Nm using 13 mm Socket Wrench. Check all Bolts are completely tightened down and secure as required.

Do not over tighten.



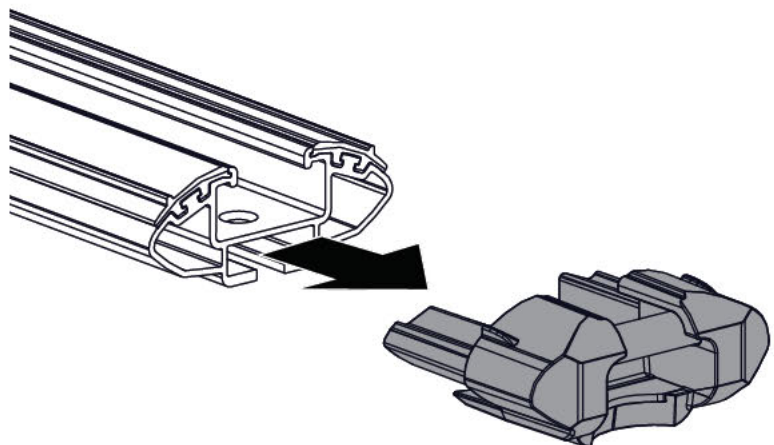
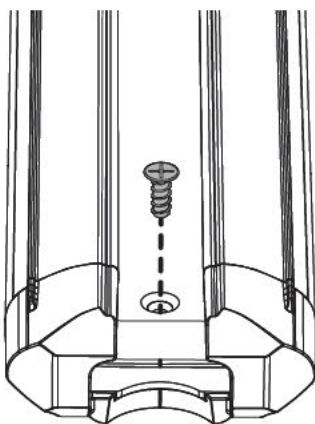
IF INSTALLING LOCKNLOAD ROOF RACKS, CONTINUE ON TO STEP 6

IF INSTALLING A LOCKNLOAD PLATFORM TO PRADO 150, SWITCH TO PLATFORM INSTRUCTIONS

6 REMOVE END CAPS FROM BARS

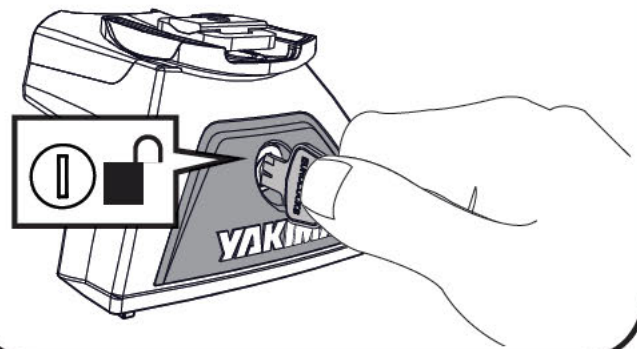
From the LockNLoad Bar Kit (sold separately), remove Plastite Screw from each Bar end using a #2 Phillips Head Screwdriver and pull out End Caps from Bars.

Keep all parts aside for later installation.



7 REMOVE LEG COVERS

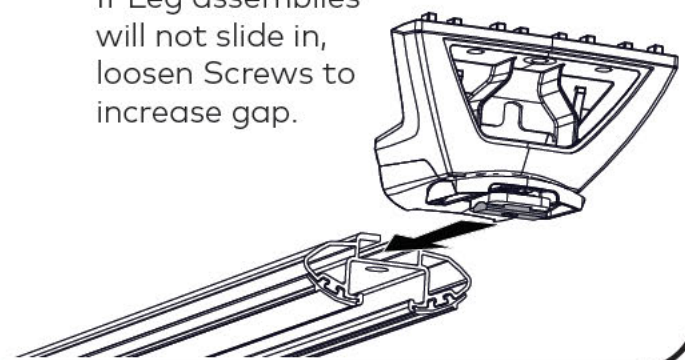
Using the keys supplied in the LockNLoad Leg Kit (sold separately), remove all Leg Covers.



8 INSERT LEGS

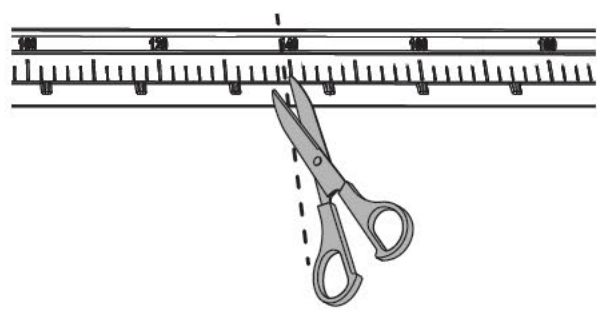
Slide the pre-assembled Leg assemblies into the underside channel of LockNLoad Bars.

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



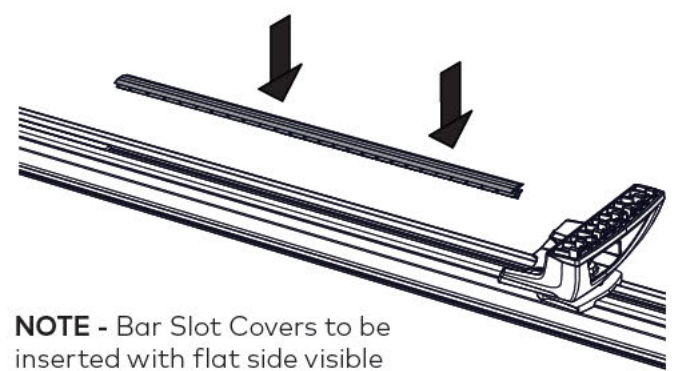
9 BAR SLOT COVERS

From the LockNLoad Bar Kit, cut Bar Slot Covers as per the table and press into underside channel of each Bar end as shown.



PRADO 150		
BAR SLOT COVER CUT MEASUREMENTS		
Front Bar	Middle Bar	Rear Bar
200 mm x2	179 mm x2	166 mm x2

LAND CRUISER 200		
BAR SLOT COVER CUT MEASUREMENTS		
Front Bar	Middle Bar	Rear Bar
220 mm x2	208 mm x2	197mm x2



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

10 CHECK LEG TO LEG MEASUREMENTS

With a Tape measure check leg to leg measurements are correct as per the table. Ensure measurements are taken from the centre of the Legs as shown.

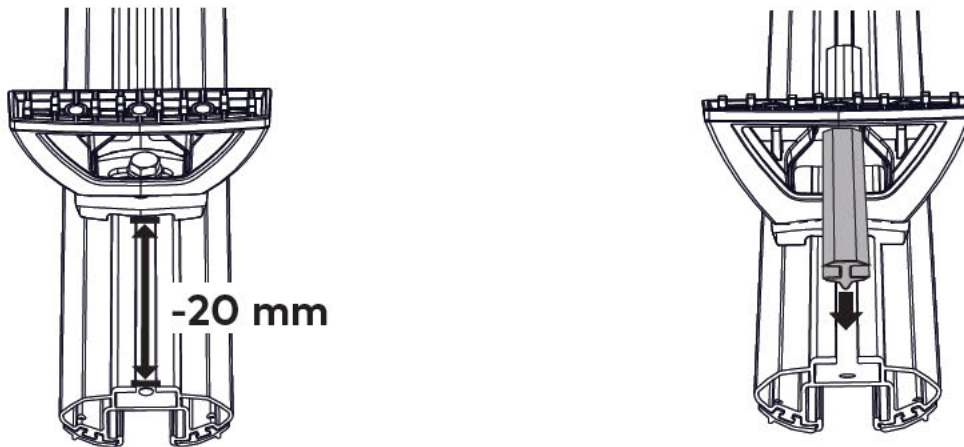
PRADO 150		
LEG TO LEG MEASUREMENTS		
Front Bar	Middle Bar	Rear Bar
980 mm	935 mm	911 mm

LAND CRUISER 200		
LEG TO LEG MEASUREMENTS		
Front Bar	Middle Bar	Rear Bar
1018 mm	995 mm	974 mm

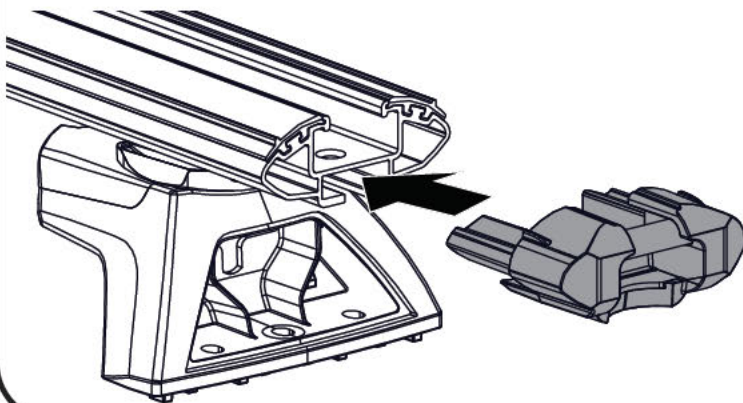


11**BAR SLOT COVERS (OUTSIDE LEG)**

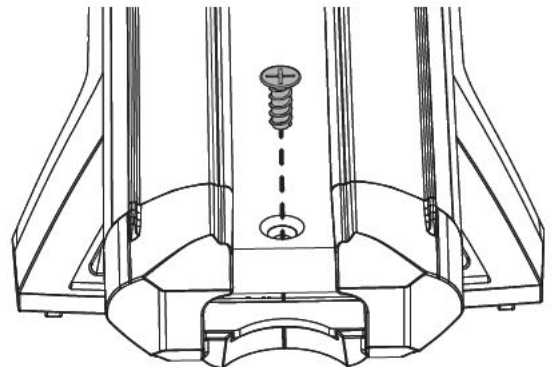
Measure the Bar channel outside of the Legs and subtract 20 mm from this measurement. Using the remaining pieces of Slot Cover from Step 9, cut to this length and insert into the underside channel of each Bar end as shown.

**12****SECURE END CAPS TO BARS**

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

**13**

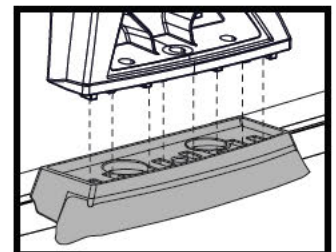
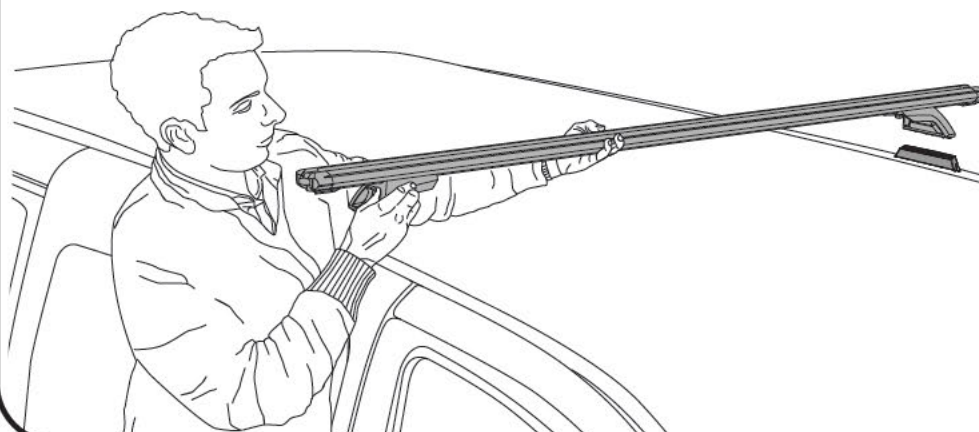
Secure using Plastite Screw (from LockNLoad Bar kit). Tighten using a #2 Phillips Head Screwdriver.

**14****BAR FITMENT**

Carefully place Bar assembly over Pads.

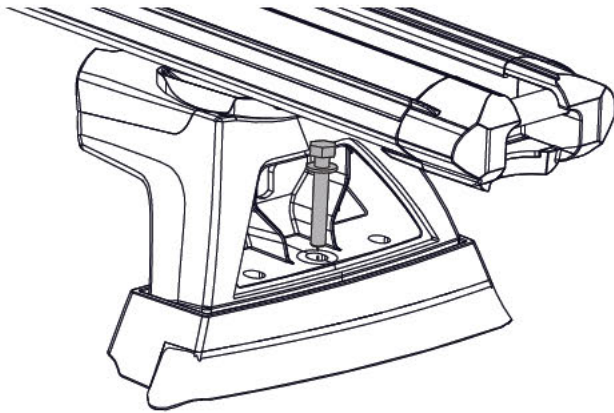
Take care not to damage vehicle.

Once positioned, locate the raised notches on base of Legs into the recesses on Pads. Repeat for all Bars.



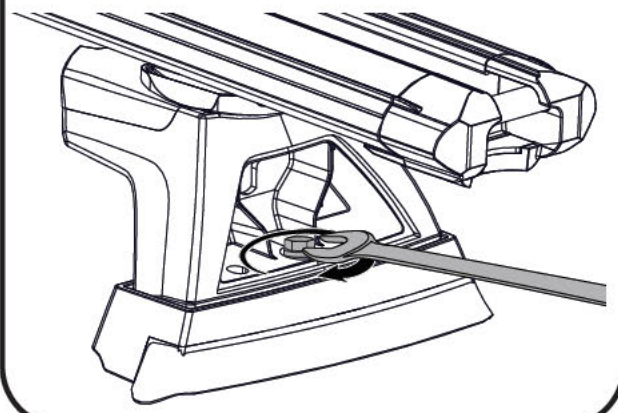
15**SECURE BARS TO PADS**

From the LockNLoad Mounting kit, assemble 1 x M6 Washer onto each M6 set screw 30 mm as shown. Insert through the centre hole on Leg into Pad.

**16**

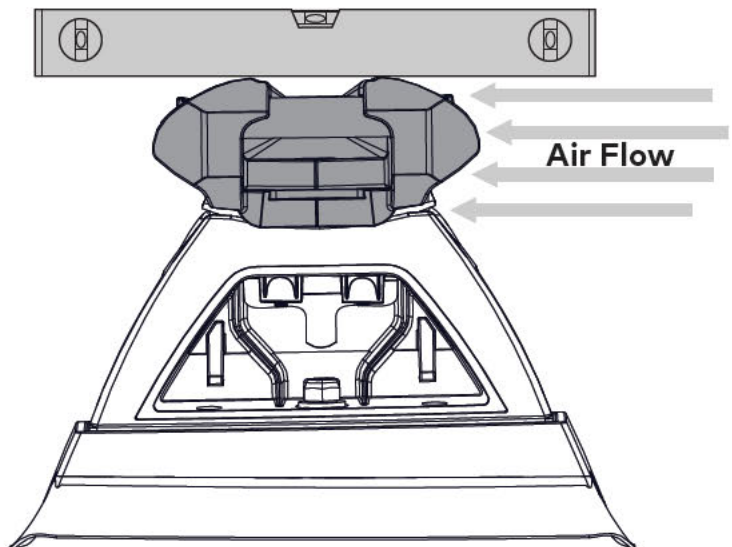
Tighten all M6 set screws to 7 Nm using 10 mm Open Ended Spanner.

Do not over tighten.

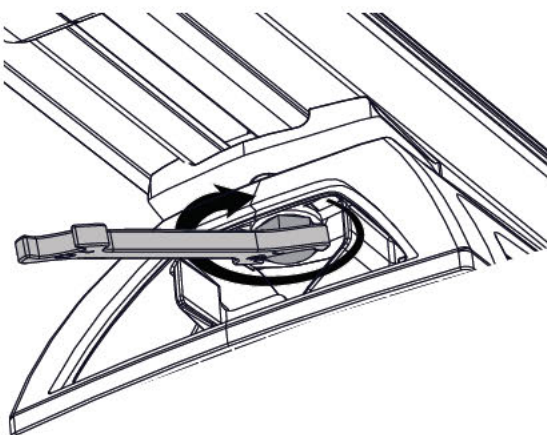
**17****LEVEL BARS**

With vehicle on a level surface, adjust all Bar angles to be level using a Spirit Level.

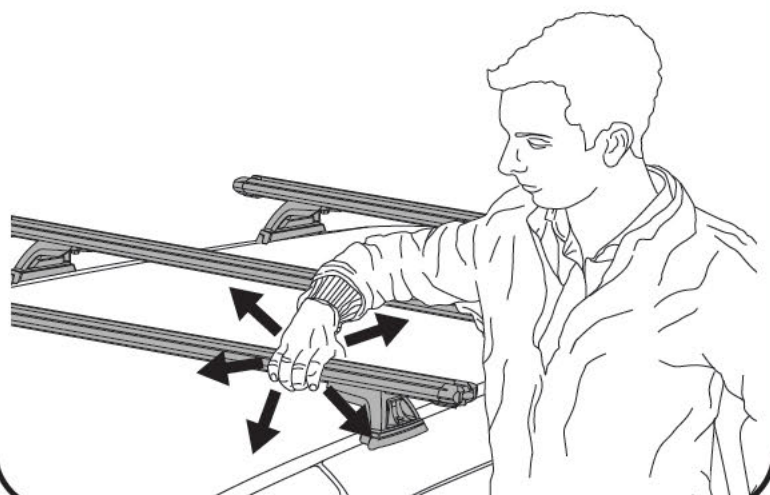
The Bar angle can be adjusted to reduce any wind noise. In most cases this is achieved by getting the Bar in-line with air flow parallel to the ground.

**18****SECURE LEGS TO BARS**

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

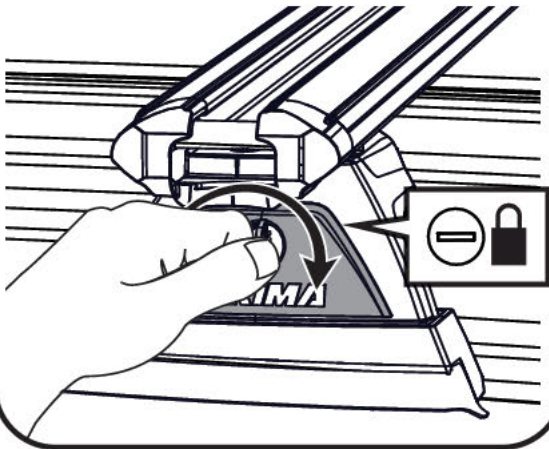
**19****CHECK BAR LEGS ARE SECURE**

Check all Bar Legs are secure.



20**FIT LEG COVERS**

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

**21****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:



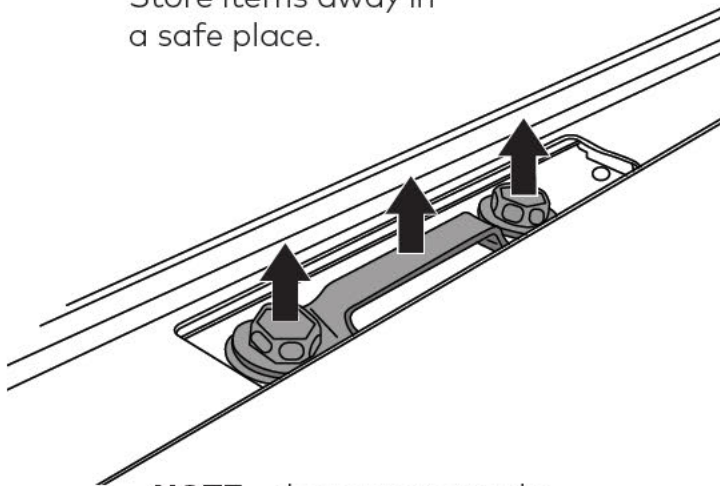
PLATFORM INSTALLATION - LAND CRUISER 200 ONLY

1**REMOVE FIXED POINT HARDWARE**

Remove fixed-point covers.

Remove bolts, washers and brackets from the vehicle's fixed points.

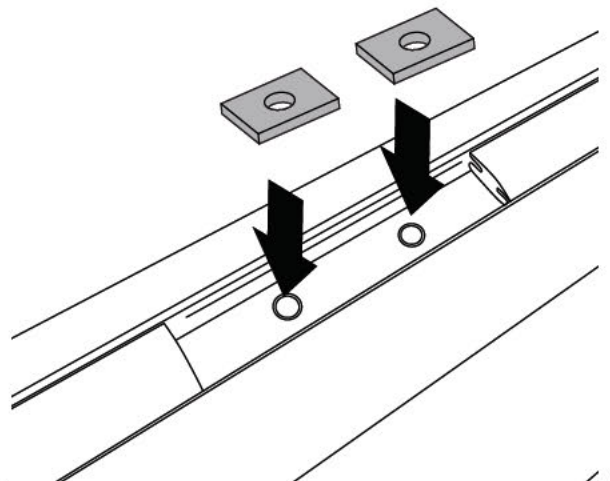
Store items away in a safe place.



NOTE - do not remove the covers second from the front.

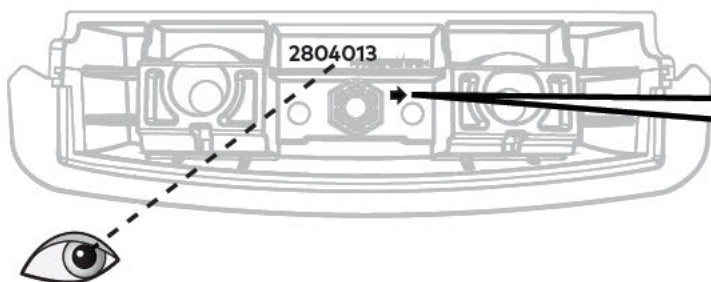
2**AFFIX FOAM ADHESIVE**

Apply Foam Adhesive over plastic tubes in the vehicle's mounting holes, with adhesive side to vehicle.



3 PAD POSITIONING

Place Pads over vehicle's fixed points as shown. It is important to put the Pads in the correct position on the vehicle. Use Height Packers from LockNLoad Height Packer kit 8890338 (sold separately) on the front and rear mounts as shown.



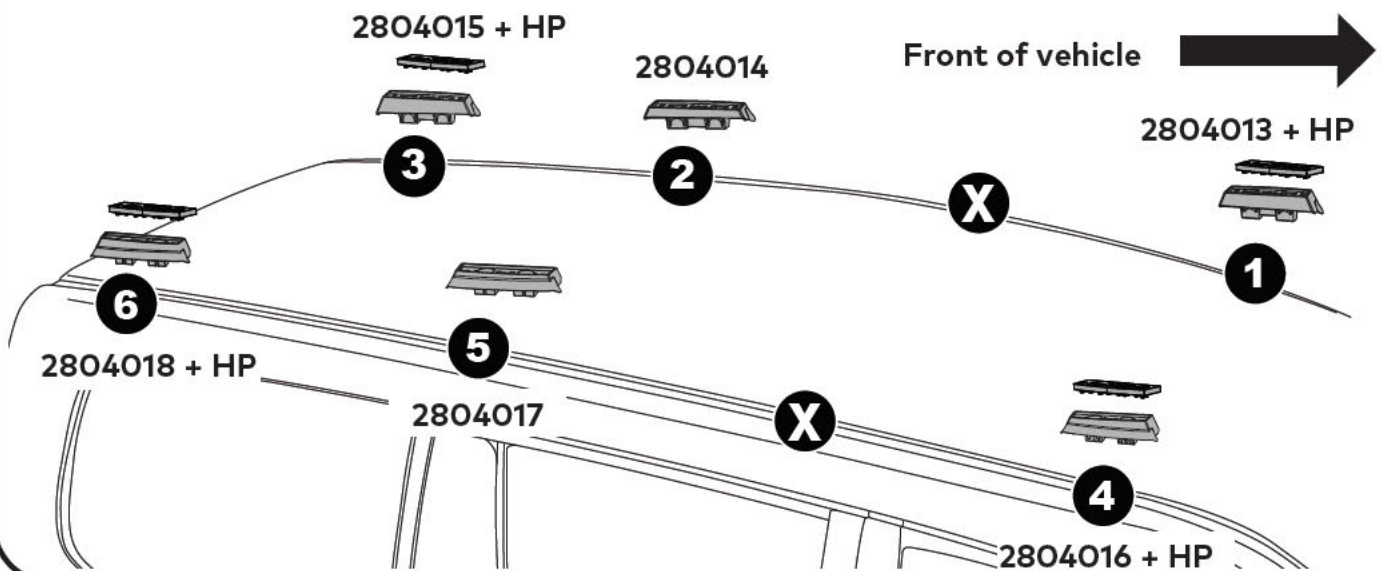
Ensure that the arrows on underside of Pads are facing the front of vehicle



SPECIAL NOTE

This install uses the fixed points at the very front of the vehicle. The points second from the front are not used.

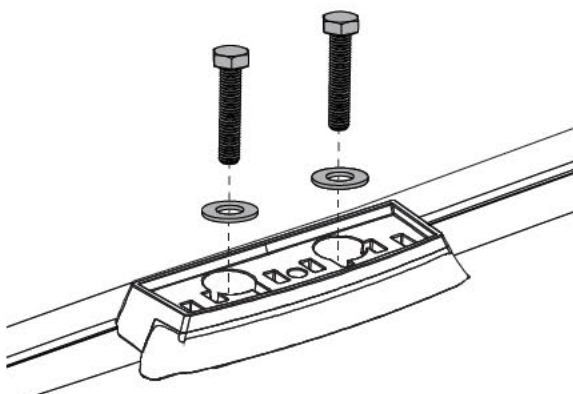
- | | | |
|--------------------|--------------------|--------------------|
| 1 = 2804013 | 2 = 2804014 | 3 = 2804015 |
| 4 = 2804016 | 5 = 2804017 | 6 = 2804018 |



4 SECURE PADS TO FIXED POINTS

Assemble 1 x M8 Washer onto each M8 Hex Bolt 40 mm from **Mounting kit** as shown.

Insert into Pads.

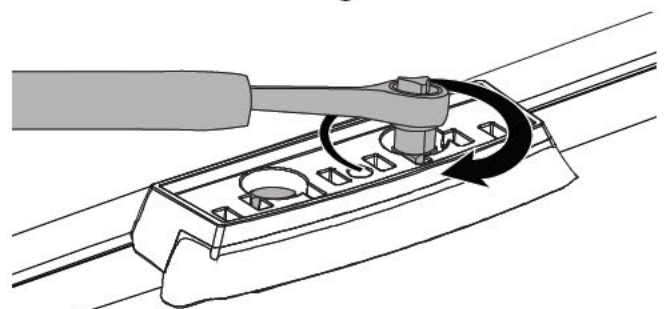


5

Tighten all M8 Hex Bolts to 7 Nm using 13 mm Socket Wrench.

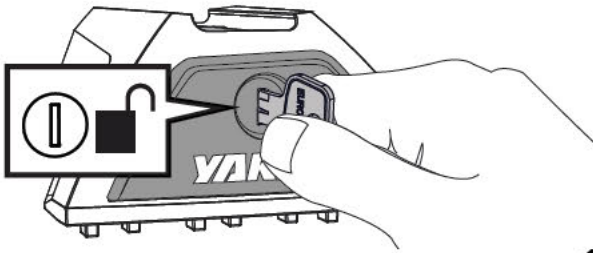
Check all Bolts are completely tightened down and secure as required.

Do not over tighten.

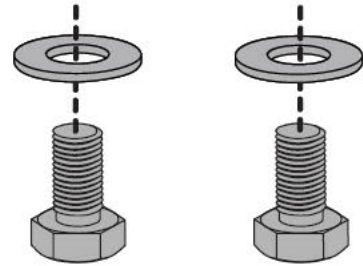


6**REMOVE LEG COVERS**

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

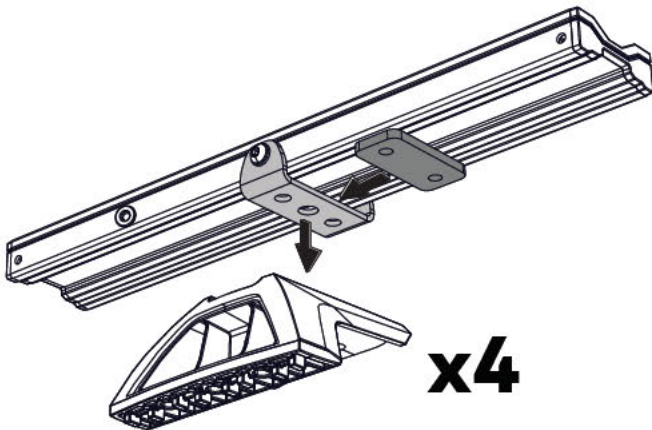
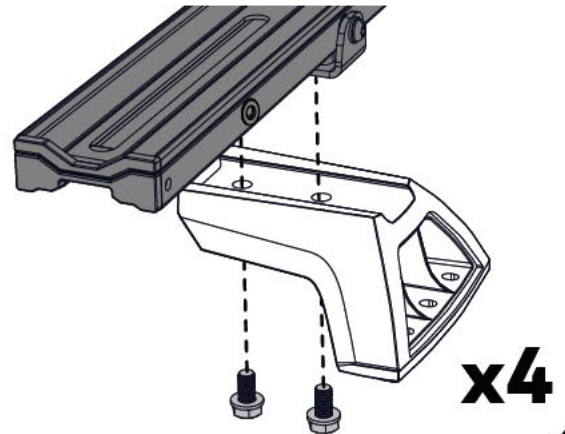
**7****ASSEMBLE SCREWS**

From the Leg Kit, assemble one M8 Washer onto each M8 Set Screw 16 mm as shown.

**8****INSTALL FRONT AND MIDDLE PIVOT MOUNT ASSEMBLIES**

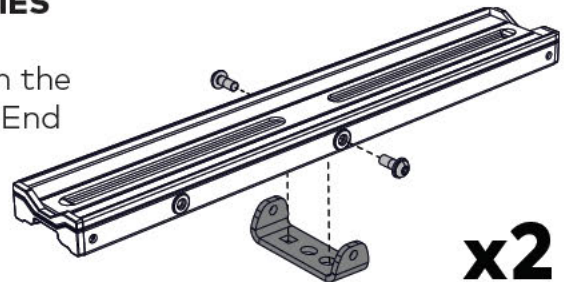
Place a Pivot Mount assembly (from Pre-Assembled Platform Kit) on top of the front and middle Legs and insert Nut Plate (from Leg Kit) on top of Mounting Bracket as shown.

Secure using the two Screw and Washer assemblies from the previous step.

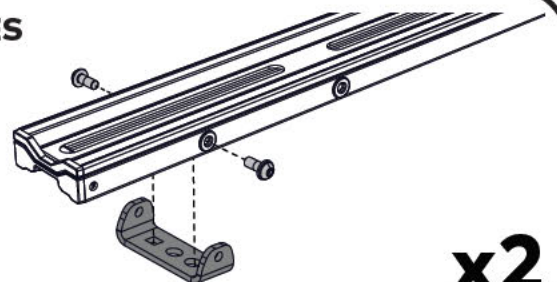
**x4****x4****9****DISASSEMBLE REAR PIVOT MOUNT ASSEMBLIES**

Remove the 2x M6 Capscrews and Bracket from the rear Pivot Mount assemblies using a 4 mm Ball End Allen Key or a suitable Torque Wrench.

Keep the 2x M6 Capscrews with Washers and Bracket aside for the next step.

**x2****10****REASSEMBLE REAR PIVOT MOUNT ASSEMBLIES**

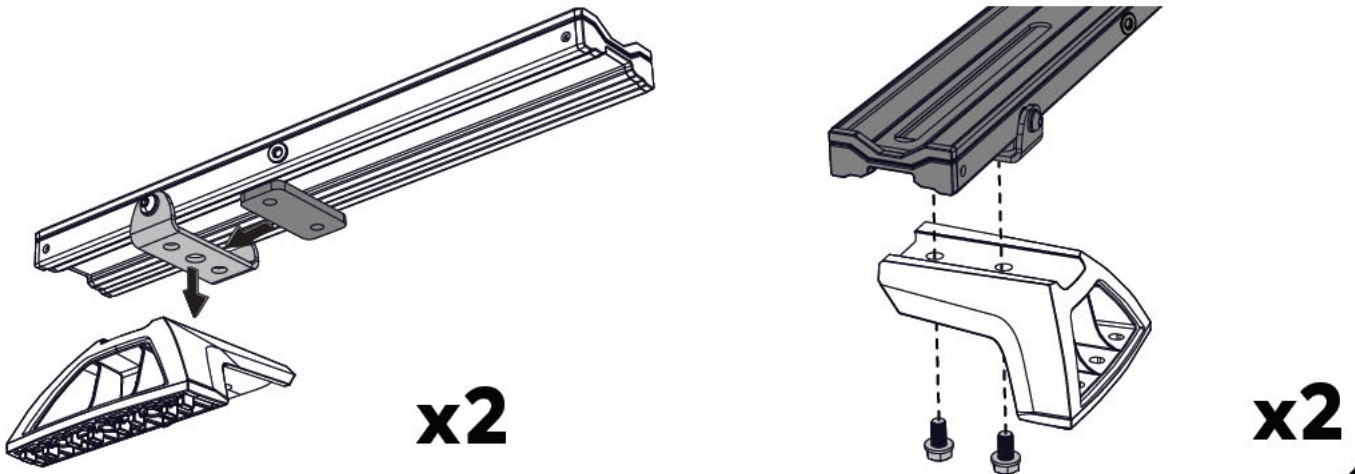
Re-install the 2x M6 Capscrews and Bracket via the off-set holes using a 4 mm Ball End Allen Key or a suitable Torque Wrench.

**x2**

11 INSTALL REAR PIVOT MOUNT ASSEMBLIES

Place the off-set Pivot Mount assemblies on top of the rear Legs and insert Nut Plates (from Leg Kit) on top of Mounting Brackets as shown.

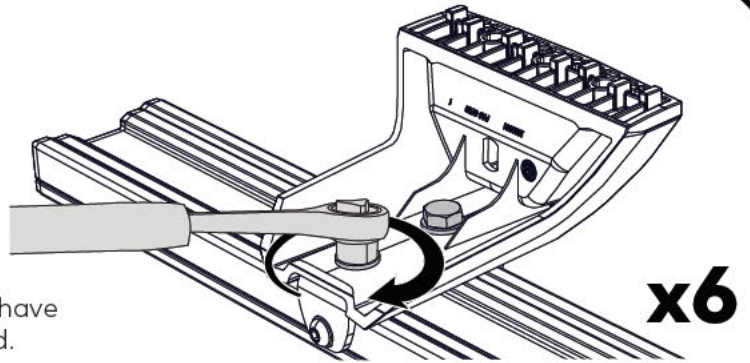
Secure using the two Screw and Washer assemblies from the Leg Kit.



12 TIGHTEN ALL PIVOT MOUNT ASSEMBLIES TO LEGS

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

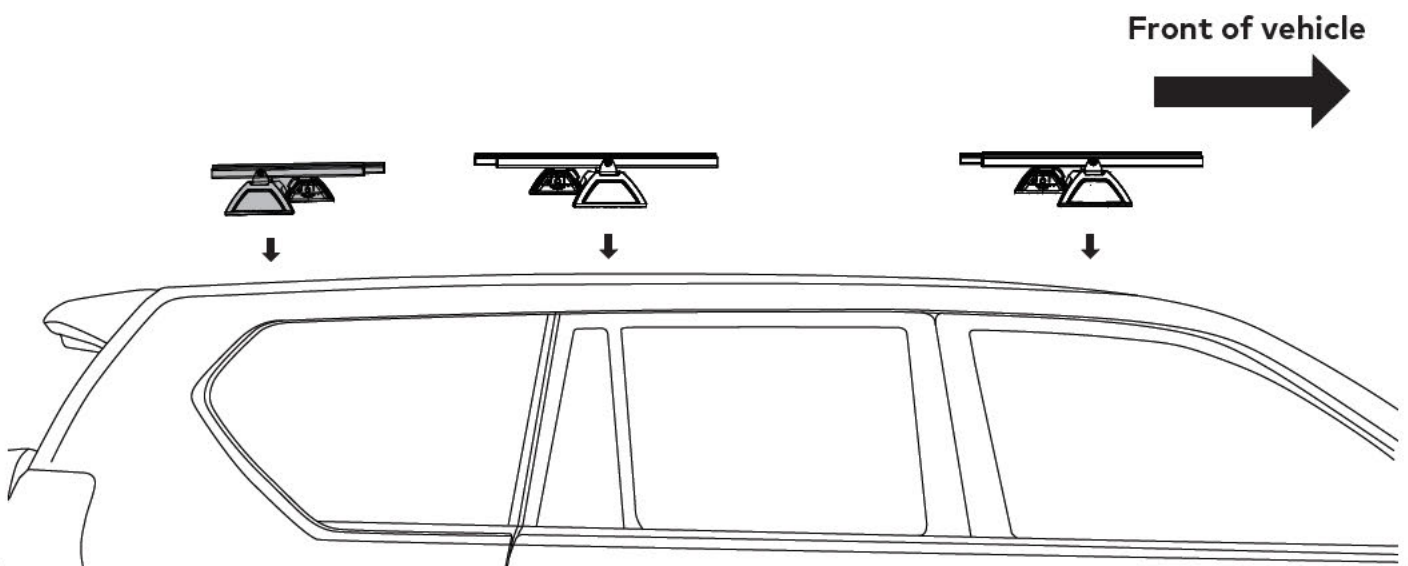
NOTE - The Pivot Mount assembly will still have movement after securing which is intended.



13 INSTALL LEGS WITH PIVOT MOUNTS

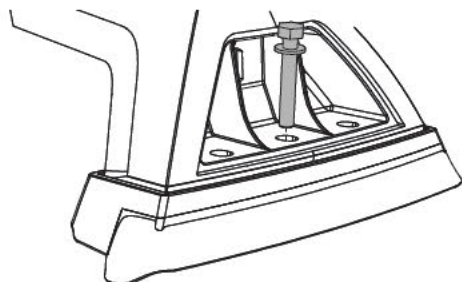
Place Legs with Pivot Mounts on top of the already installed Pads on the vehicle.

Ensure Pivot Mounts using the off-set rivnut hole are installed at the rear of the vehicle. The shorter end of the Pivot Mount should point to the rear.



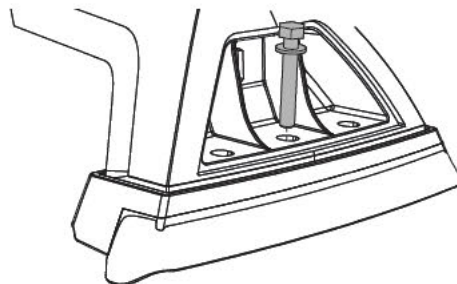
14 SECURE LEG ASSEMBLIES TO PADS - OUTER LEGS

From the LockNLoad **Mounting kit**, assemble 1 x M6 Washer onto each M6 Hex Bolt 40 mm from the LockNLoad **Height Packer kit 8890338**. Insert through the centre hole on leg into Pad as shown.



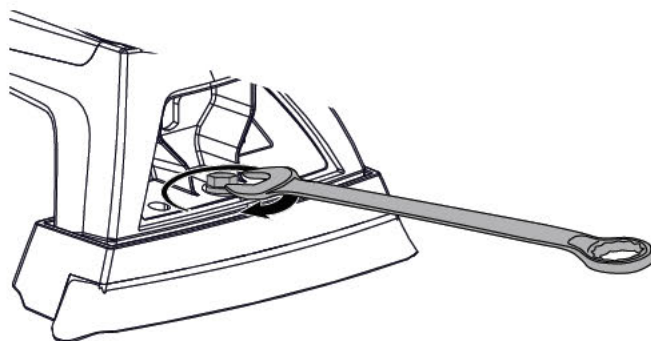
15 SECURE LEG ASSEMBLIES TO PADS - CENTRE LEGS

From the LockNLoad **Mounting kit**, assemble 1 x M6 Washer onto each M6 Hex Bolt **30 mm**. Insert through the centre hole on leg into Pad as shown.



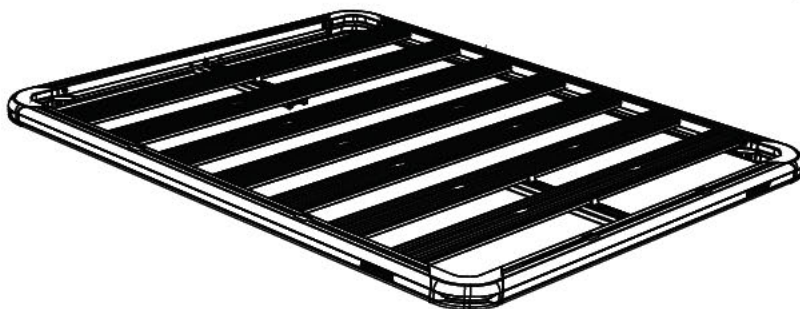
16 Tighten all M6 Hex Bolts to 7 Nm using 10 mm Open Ended Spanner.

Do not over tighten.



17 REMOVE ASSEMBLED PLATFORM FROM CARTON

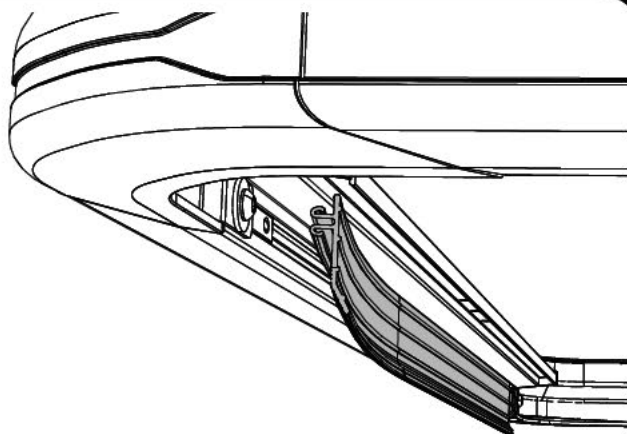
NOTE - 7 Slat Platform shown - indicative of sizes A and B.



18 INSTALL WIND DEFLECTOR

Install wind deflector into front of Platform. This is done by pressing one end of the deflector into the slot and working across the length of the deflector.

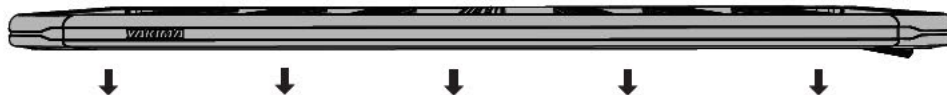
Installation should be confirmed by hearing an audible 'CLICK' when the deflector is fully installed.



19**LIFT PLATFORM ONTO VEHICLE**

With the help of an assistant, carefully lift assembled Platform up and onto Pivot Mounts on vehicle roof. Centre platform evenly on Legs so there is an equal overhang on sides and ideally on the front and rear.

NOTE - Wind Deflector is to be at the front of the vehicle.

**20****INSERT T-BOLTS INTO PIVOT MOUNTS AND FINALISE INSTALL**

Open the instructions that came with your Platform and follow the process starting from Step 3 in the Vehicle Mounting Instructions section on Page 7.

For the T-Bolts going into the short Pivot Mounts, these will both attach to the same slat and be forward of the centre of the leg.

YAKIMA

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