



# RHINO-RACK®

## Leg Instructions

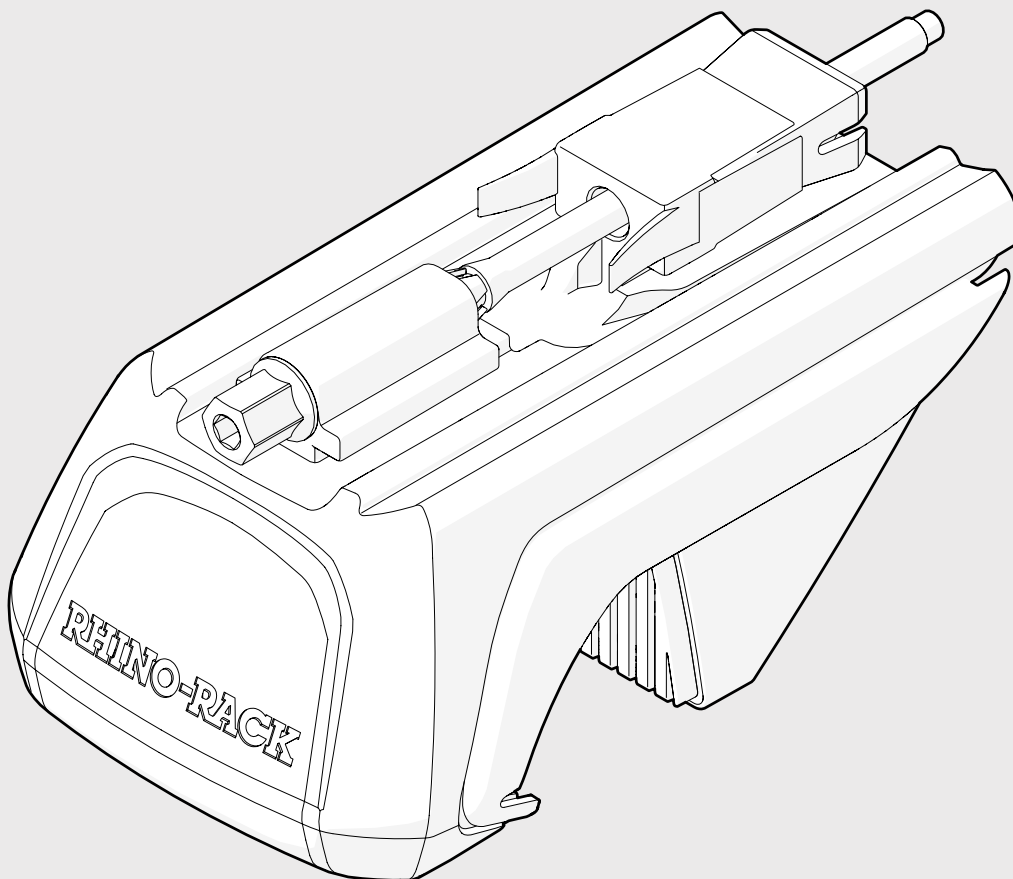
RX100

### Important:

1. Check the Rhino-Rack website to ensure you have the latest issue of these instructions.
2. Please refer to your fitting instruction to ensure that the roof racks are installed in the correct locations.
3. Check the contents of kit before commencing fitment and report any discrepancies.
4. Place these instructions in the vehicle's glove box after installation is complete.
5. These instructions must be followed for warranty to be upheld.

**Fit Time:** 15 mins

Instruction includes **SPORTZ** Bar steps.



Thank you for choosing Rhino-Rack!



### WELCOME TO THE HERD.

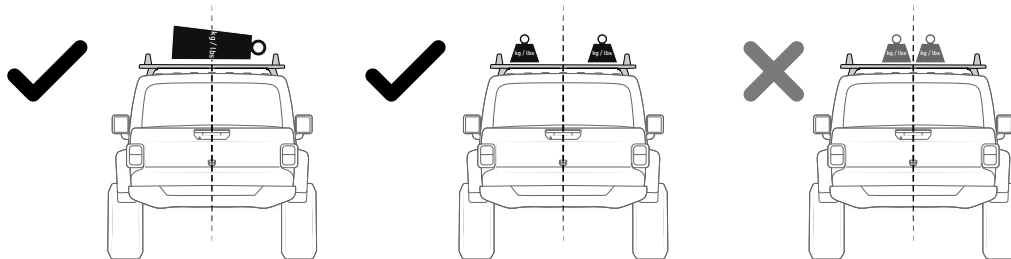
For peace of mind register your product by heading to [rhinorack.com/register](https://rhinorack.com/register)

**RHINORACK.COM**

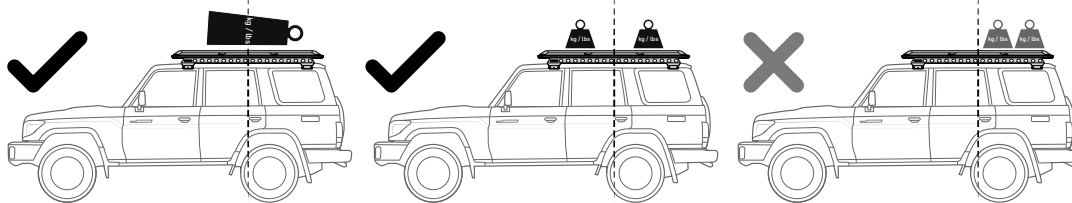
Doc. No: 520-RFI-00098

Issue No: 06

Issue Date: 20/06/2025

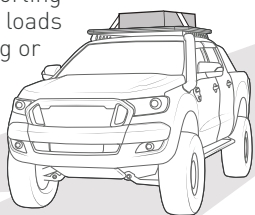


Distribute loads evenly and longitudinally as low as possible over the span.



Avoid point loads concentrated at the front or rear.

Use extreme caution transporting wind-resistant loads when cornering or braking.

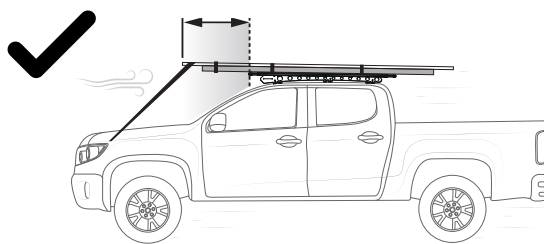
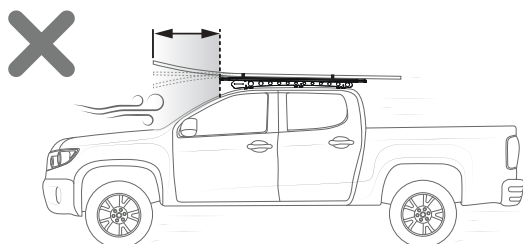


**110 KM/H**  
**68 MPH**

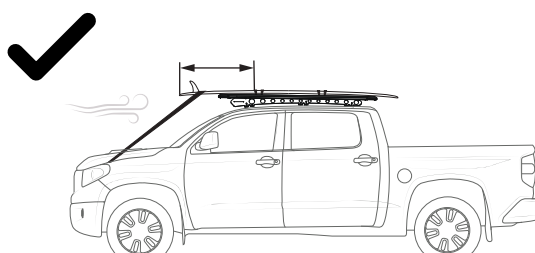
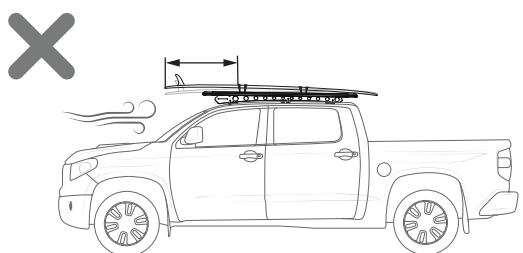
Do not exceed a maximum speed of **110 km/h** **68 mph**



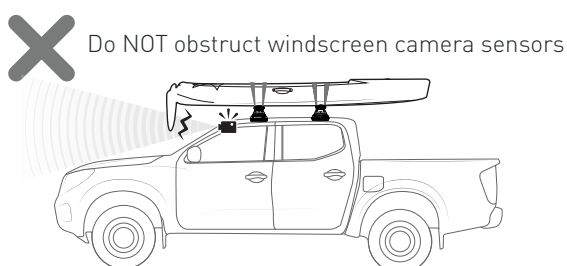
Off-road conditions can be more rigorous. Use extreme caution on paths without a sealed surface like tar or bitumen.



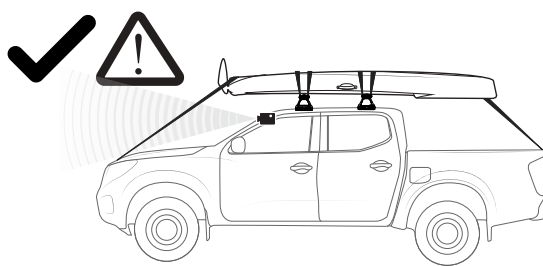
Long flexible loads must attach securely to rigid support and be tied down to the bonnet.



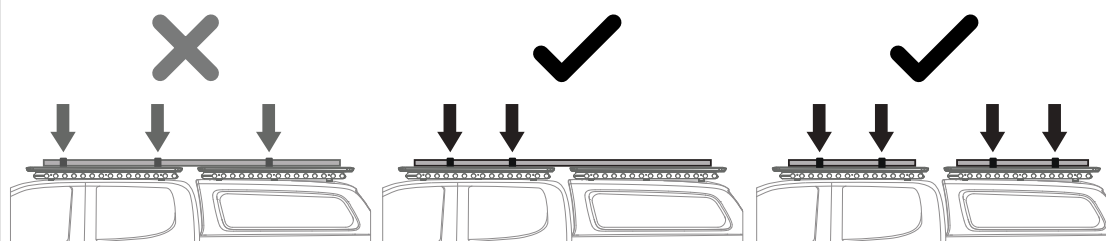
Surfboard Overhang greater than **600mm / 23 5/8 in** must be tied to the bonnet



Do NOT obstruct windscreen camera sensors

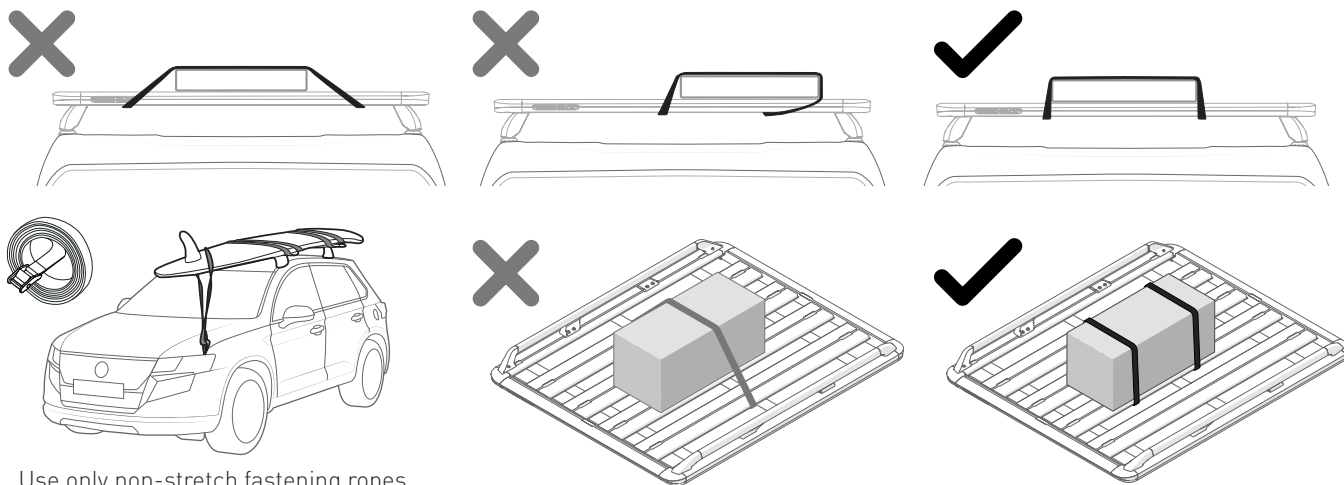


Warranty for roof rack system will be void if the front of the kayak is not secured to the bonnet

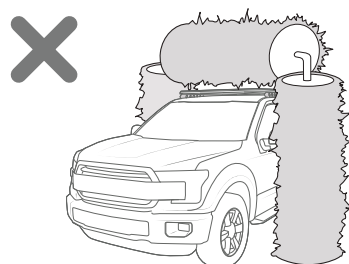


Tub/tray/canopys can move independently from the vehicle cabin.

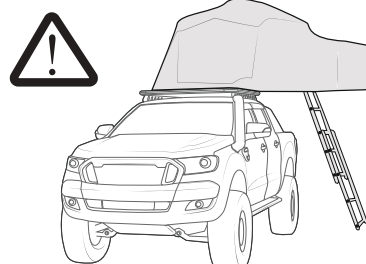
Rigidly fix to either the cabin roof racks **or** the tub/tray/canopy roof racks but not both simultaneously.



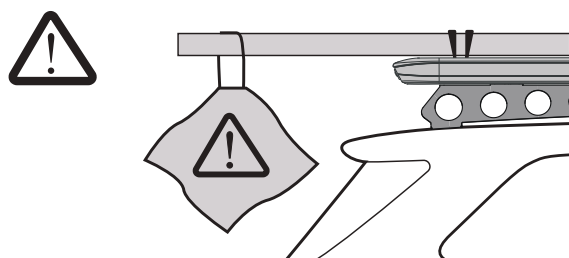
Use only non-stretch fastening ropes or straps to attach cargo to roof racks



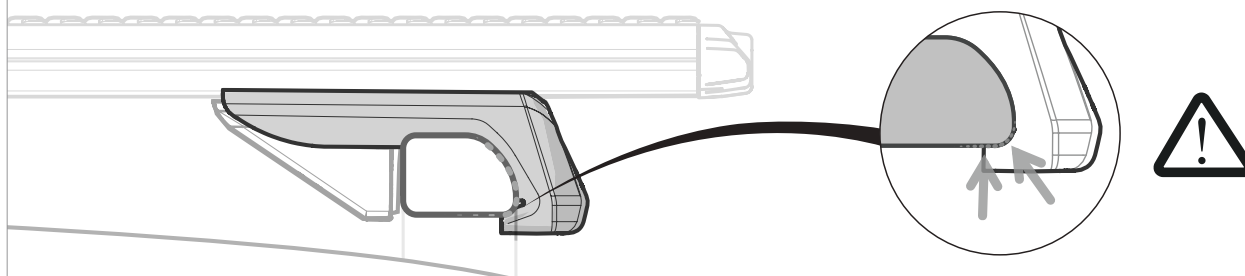
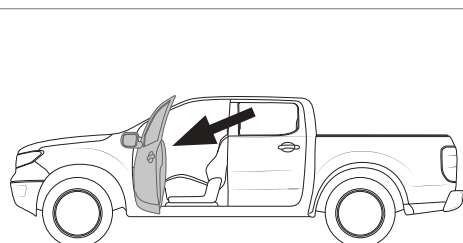
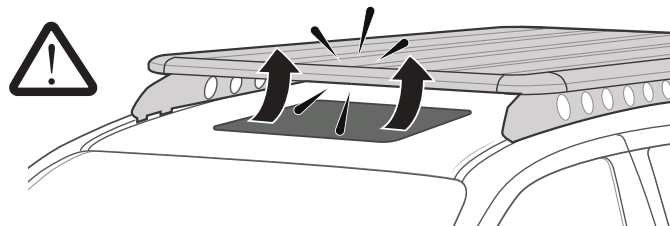
Racks must be removed when vehicle is put through an automatic car wash.



Ensure Ladder is well supported on the ground to support tent. Take extreme caution when climbing heights above 1.2m/4ft.



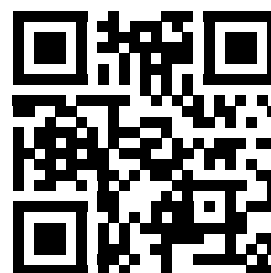
Ensure sunroof will not collide with roof rack system.



TAP HERE

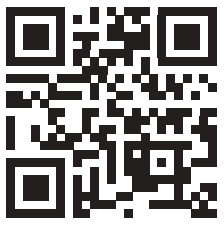


Youtube.com/Rhinorackaustralia



## Carrying Capacity

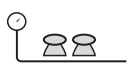
Check the website and the **vehicle owners hand book** for your vehicle manufacturer's maximum carrying capacity. Load must be evenly distributed over the system.



VISIT THE ONLINE CALCULATOR FOR CURRENT SYSTEM LOAD LIMIT DATA

DYNAMIC LOAD LIMIT (On and Off-road) :

\*USE THE VEHICLE MANUFACTURER'S MAXIMUM ROOF ALLOWANCE IF IT IS LOWER THAN THE FIGURE LISTED

|                                                                                            |                                                                                                    |                                                                                                   |                                                                                               |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <br>CARGO | <br>SYSTEM WEIGHT | <br>LOAD LIMIT | <b>OR</b>  |
| UP TO <b>95 KG</b><br><b>209 lbs</b>                                                       | <b>+</b> <b>5 KG</b><br><b>11 lbs</b>                                                              | <b>=</b>                                                                                          | UP TO <b>100 KG</b><br><b>220 lbs</b>                                                         |
|                                                                                            |                                                                                                    |                                                                                                   | <b>*VEHICLE MANUFACTURER'S ROOF LOAD LIMIT</b>                                                |

 **STATIC LOAD LIMIT: UP TO 250KG / 551LBS\***



### Cargo Load Limit

Total permissible weight allowed on top, and attached to roof racks whilst the vehicle is in motion.



### System Weight

Total weight of the roof rack system.  
(e.g. Crossbars, Backbone, Platform)



### Max System Load Capacity

Please ensure you use the vehicle manufacturer's maximum roof allowance if it is lower than the figure listed in the fitting chart/supplement.



### Vehicle Manufacturer's Load Limit

Total permissible weight attached to the roof of the car. This is inclusive of the weight of the roof rack system.

## In service maintenance checks

- All bolt connections should be checked after driving a short distance (5-10 mins street roads) when you first install your roof racks.
- All bolted connections should be checked again at regular intervals (weekly is recommended, depending on road conditions, usage, loads and distances travelled).
- All bolted connections should be checked each time they are re-fitted.
- Off-road conditions are more rigorous. Check all bolted connections and your load more regularly.
- Ensure that your vehicle manufacturer's GVM, and gross axle weights are not exceeded (refer to vehicle owner's manual).

### Torque Settings:

Unless stated otherwise in these instructions, all fasteners should be set to the following torque settings:



**4-5Nm**  
3-4ft/lbs



**8-10Nm**  
6-7.5ft/lbs

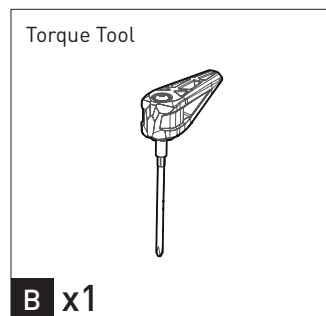
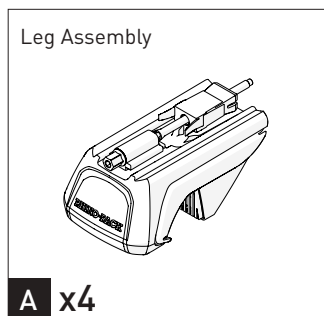


**16-18Nm**  
12-13ft/lbs

## Note for Dealers and Fitters

It is your responsibility to ensure these fitting instructions are given to the end user or client. These instructions remain the property of Rhino-Rack Australia Pty. Ltd. and may not be used or changed for any other purpose than intended.

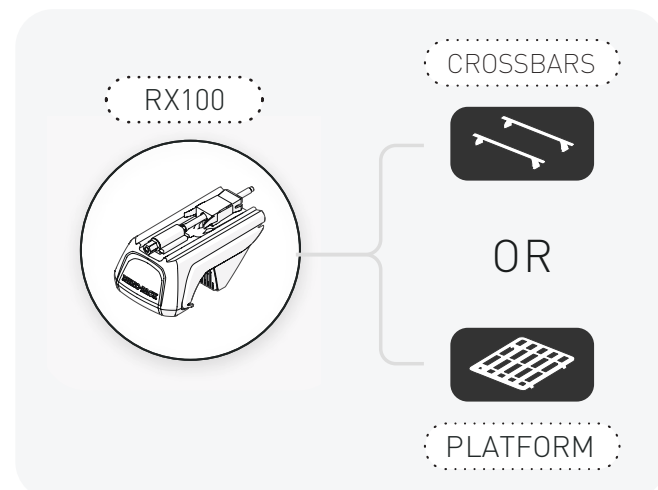
## Parts



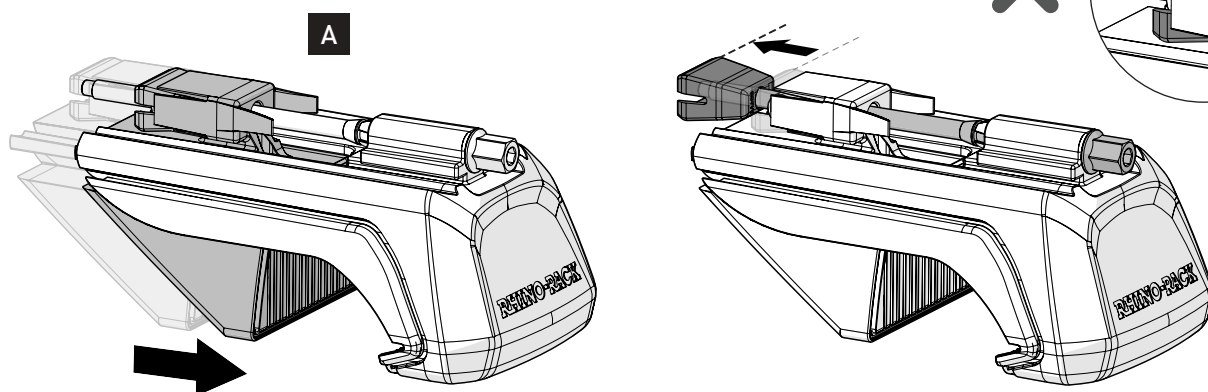
### TOOLS REQUIRED:

- T1** - Tape Measure
- T2** - Marker / Pencil
- T3** - Knife or Scissors
- T4** - Drill and 8mm Drill Bit (For some Platform Fits)

## Compatibility



1



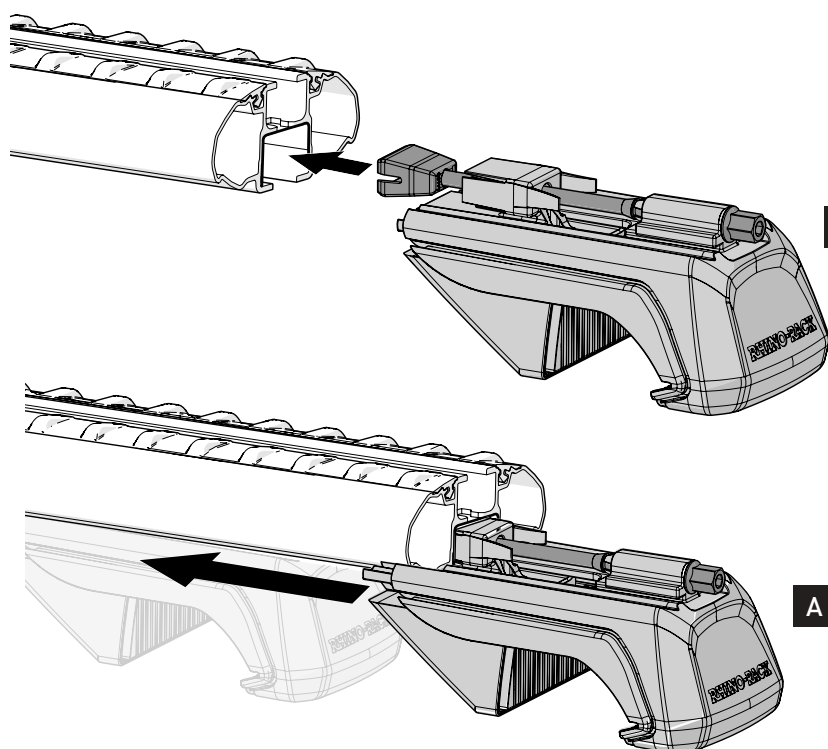
2a



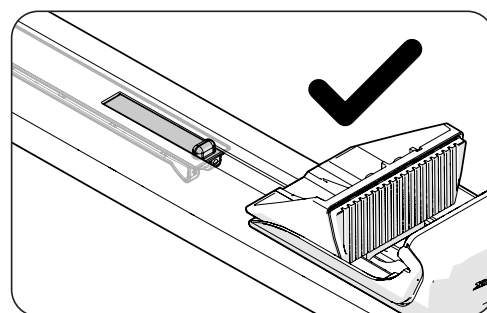
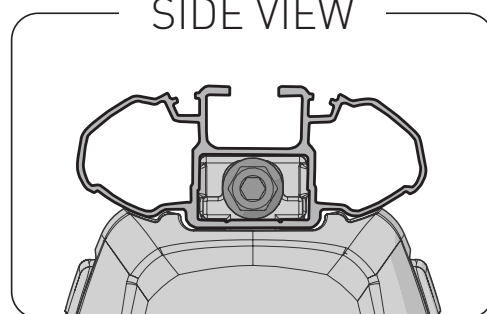
## FOR SPORTZ CROSS BARS

FOR PIONEER PLATFORMS SKIP TO **2b**

FOR VORTEX BARS SKIP TO **19**



SIDE VIEW



2b

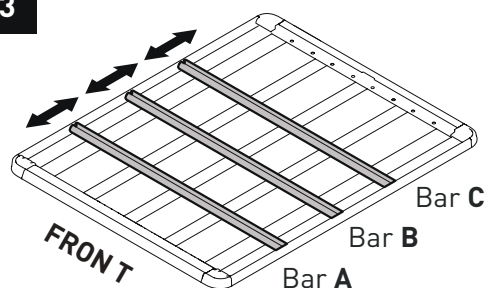


## FOR PIONEER PLATFORMS

FOR SPORTZ CROSS BARS SKIP TO

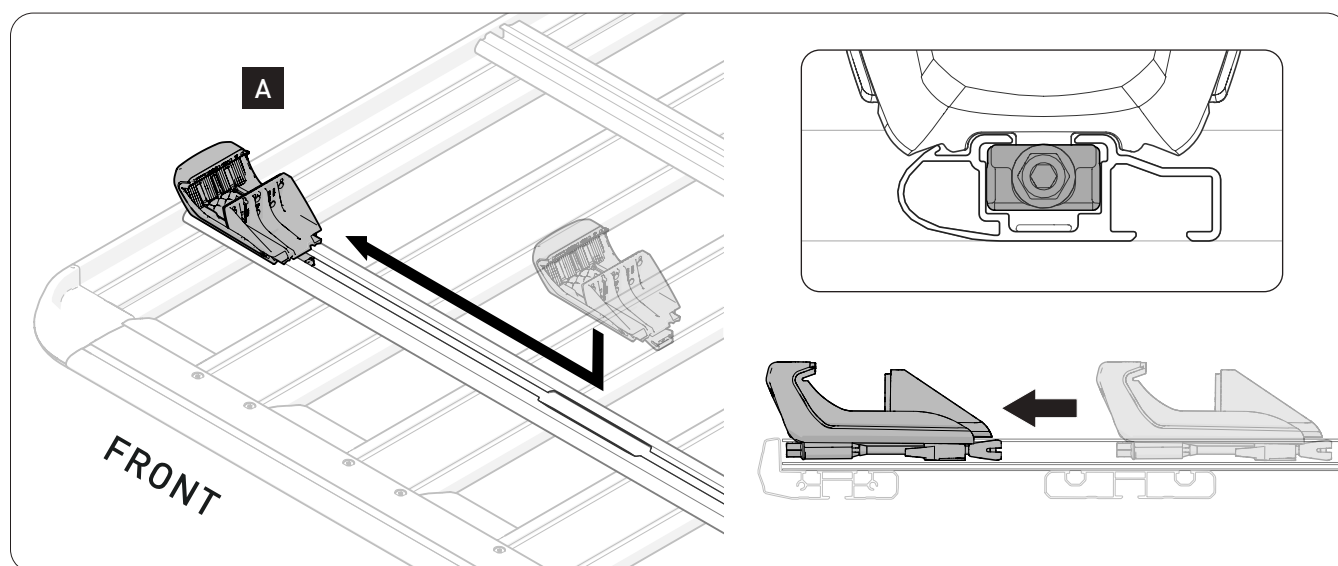
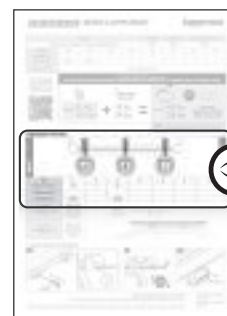
3

Proceed to vehicle-specific PIONEER FITTING CHART to adjust Platform underbars and for rail positioning.



rhinorack.com/roof

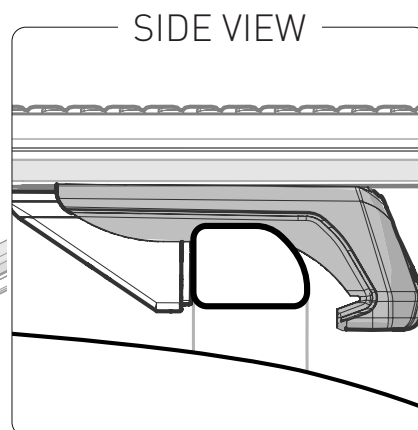
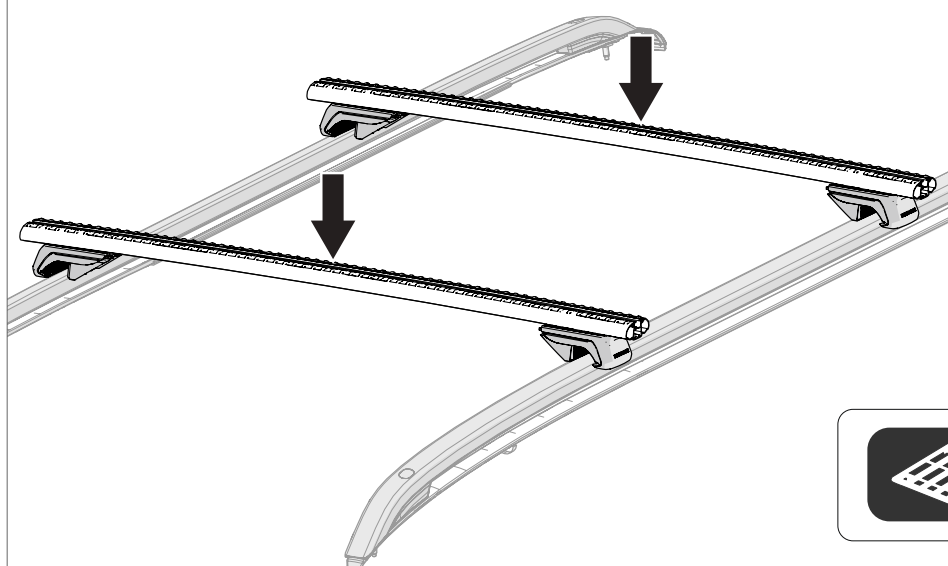
1. Complete **Fit my vehicle** journey
2. Select your **Product Solution**
3. Scroll down to '**Product Details**'
4. Download instructions under the '**INSTRUCTIONS**' tab



3



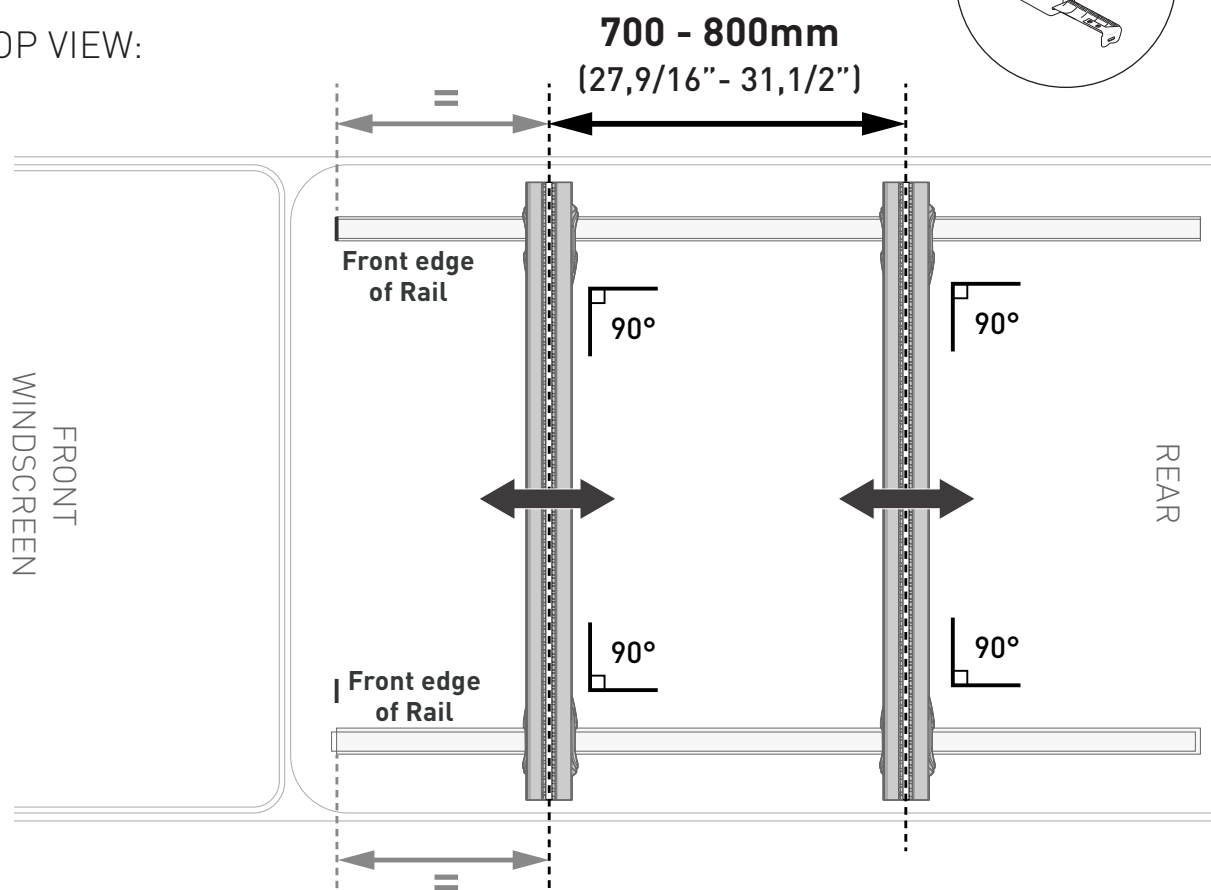
4



ONCE COMPLETED  
SKIP TO STEP **14**

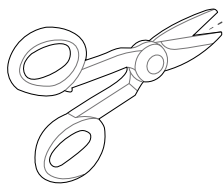
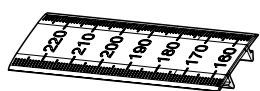
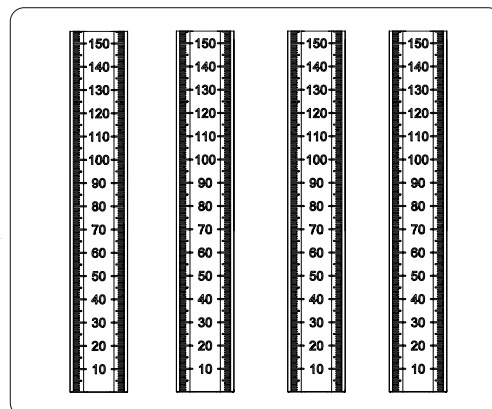
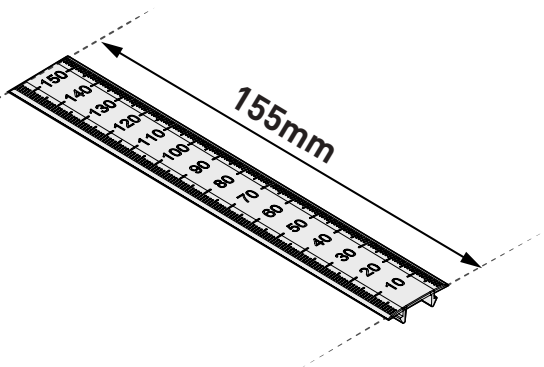
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TOP VIEW:

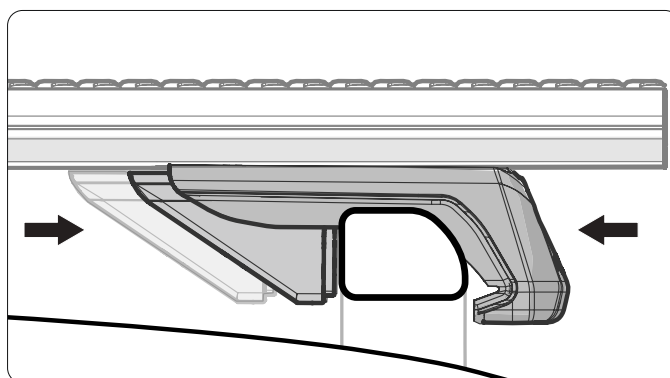
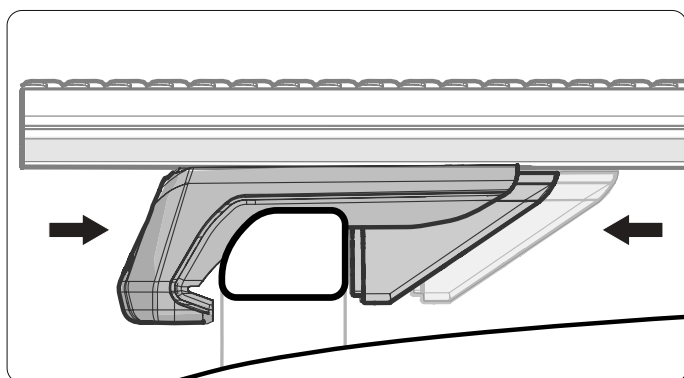
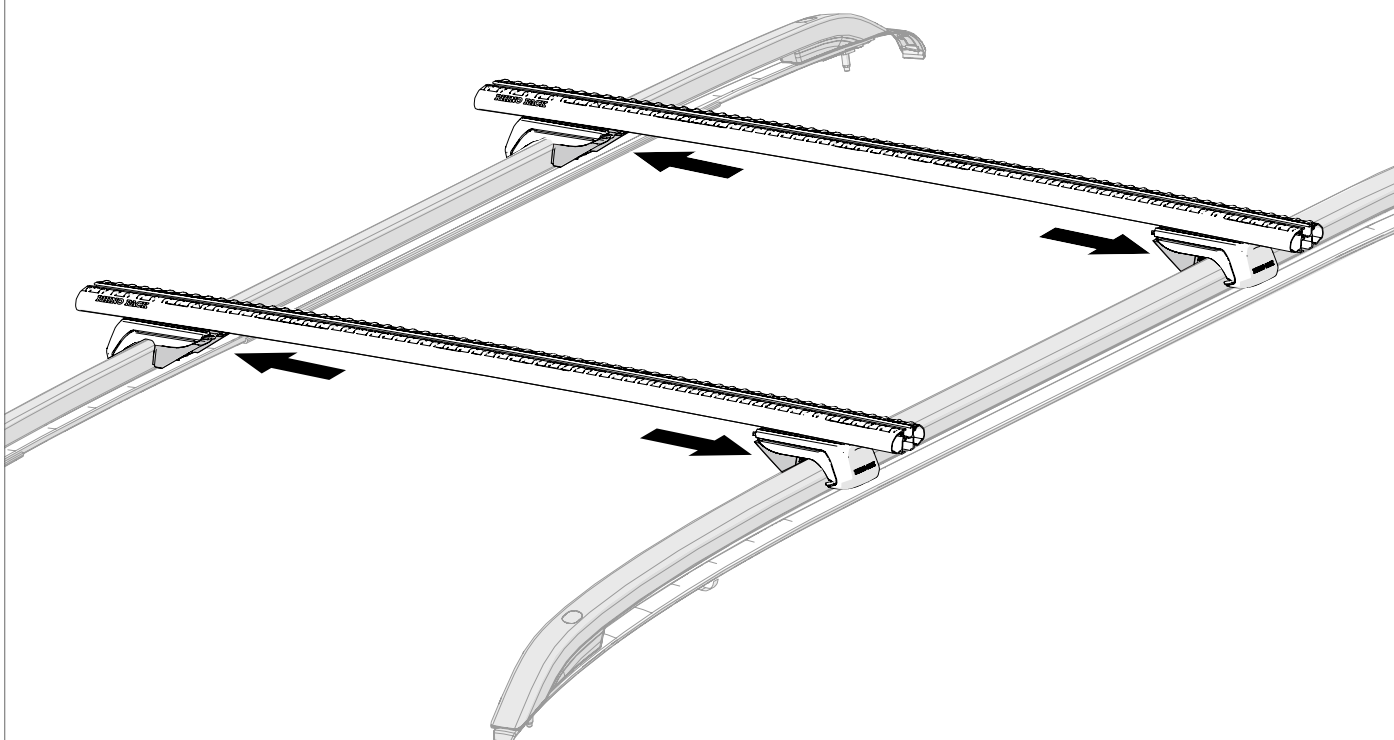


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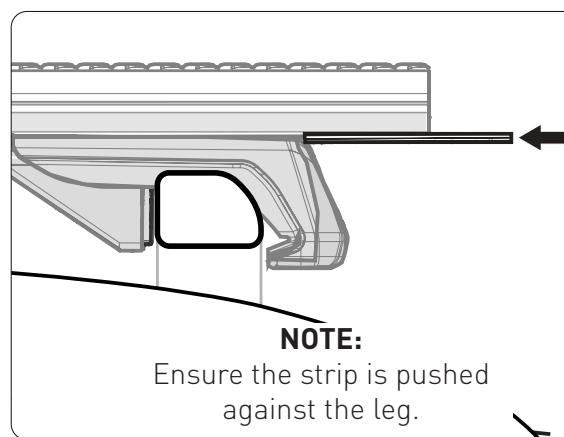
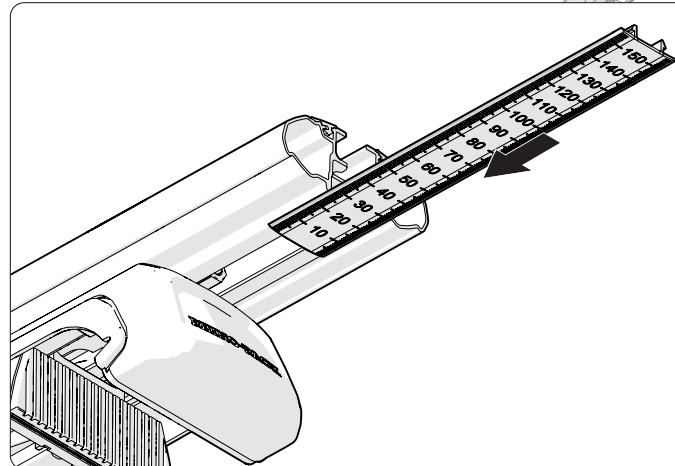
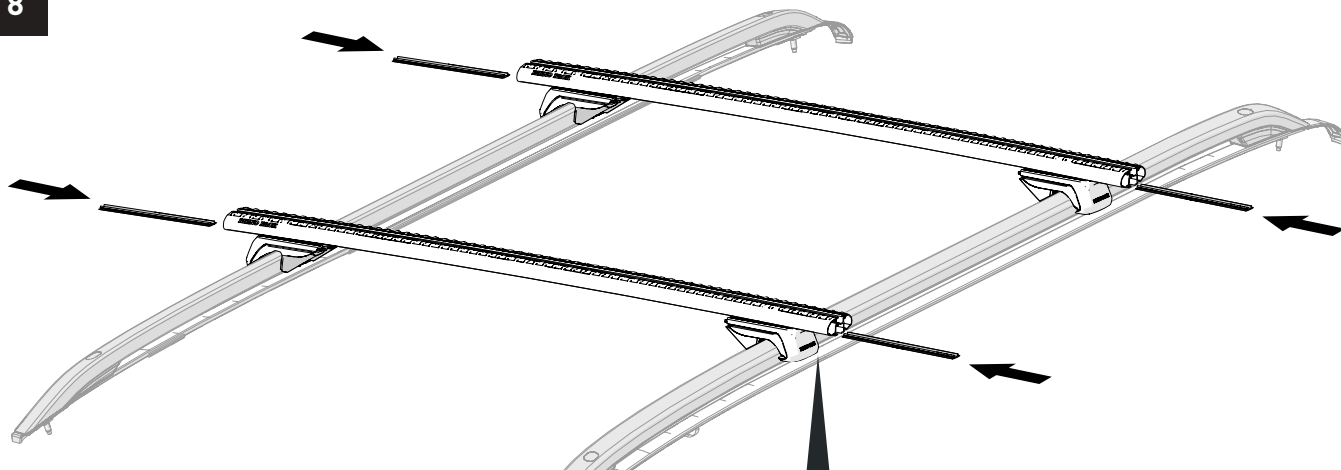
**NOTE:**  
In bar kit

**T3****X4**

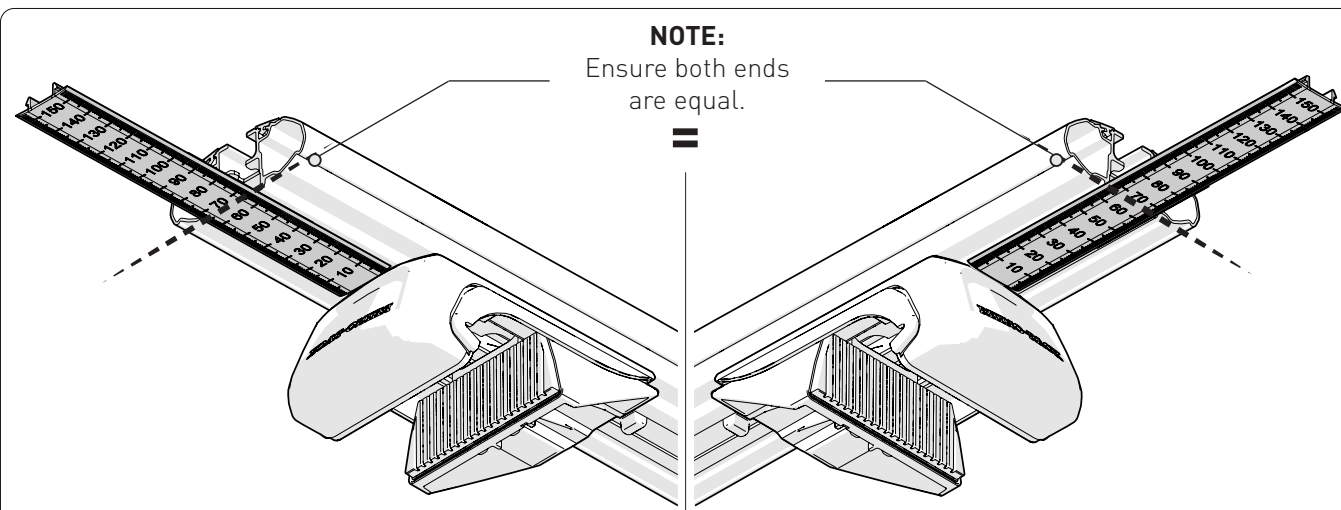
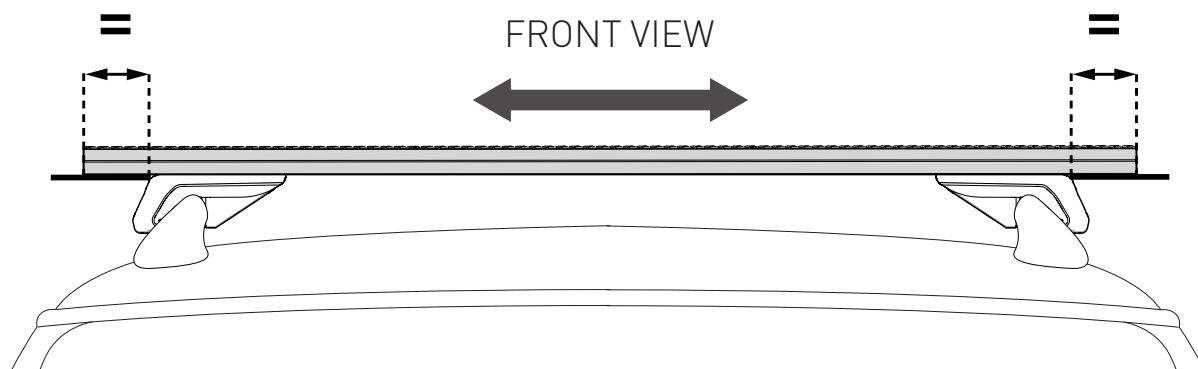
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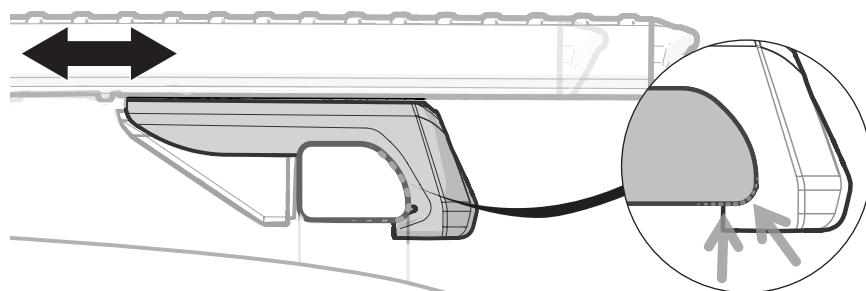
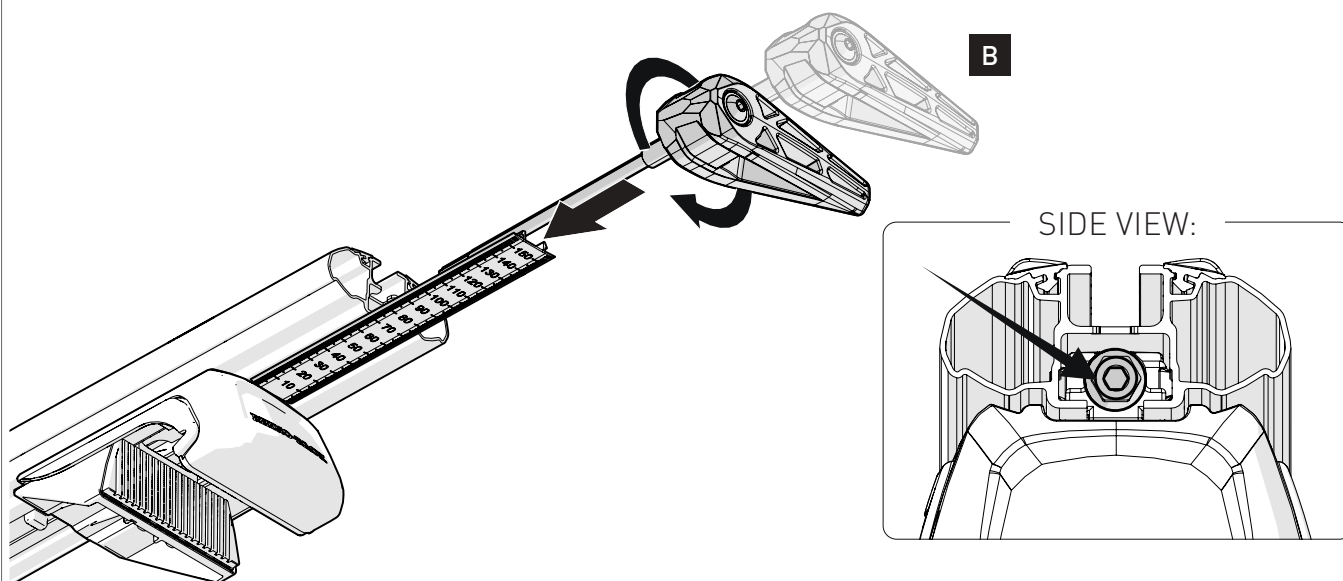
8



9



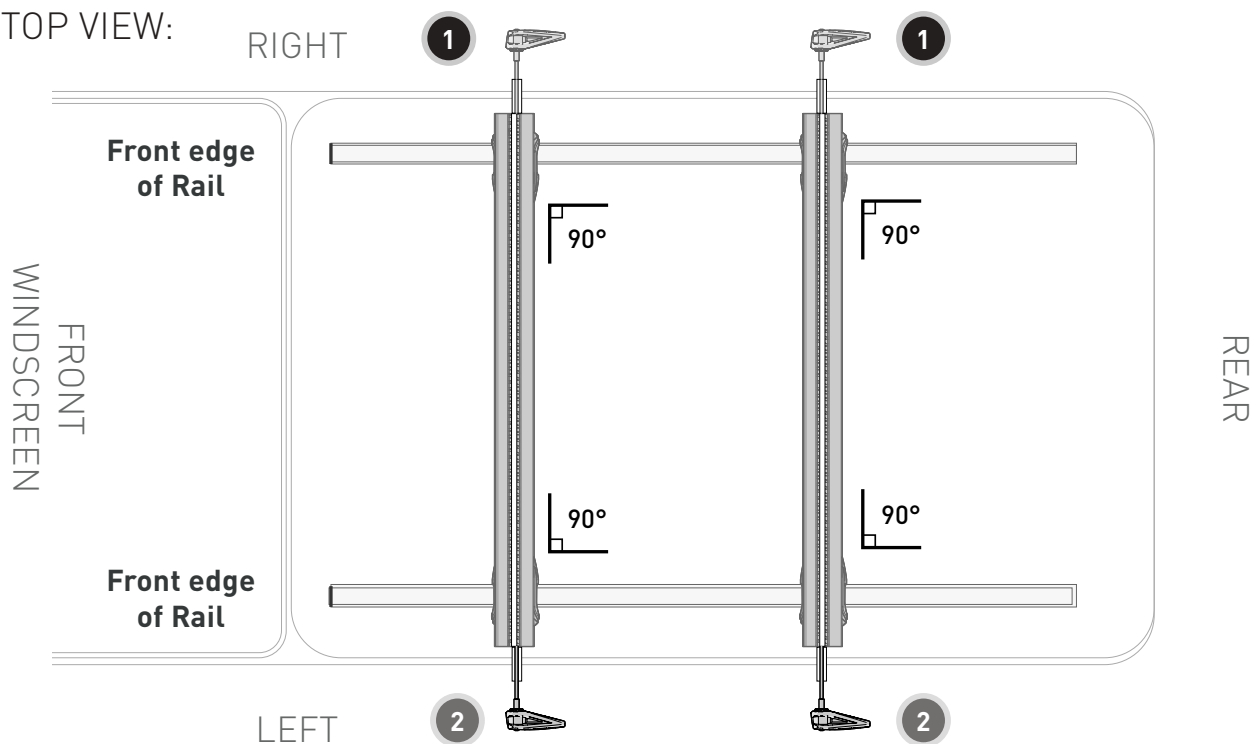
- 10 Slightly tighten** so that there is enough grip on the bar to hold the leg in place.



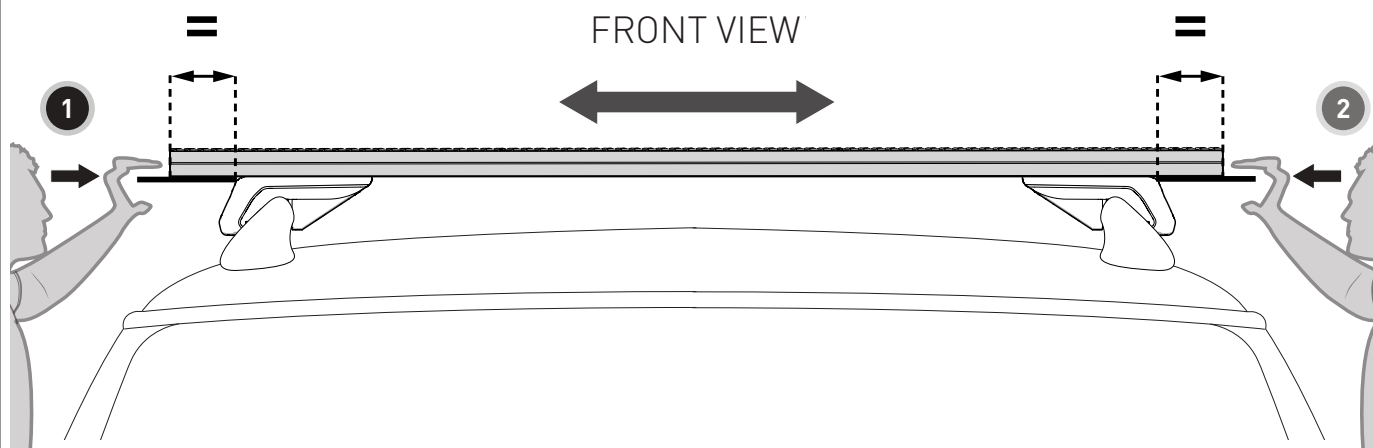
**NOTE:** Ensure the leg fully clamps the roof rails.

- 11 Incrementally tighten** each leg so that crossbars are firmly set in position.

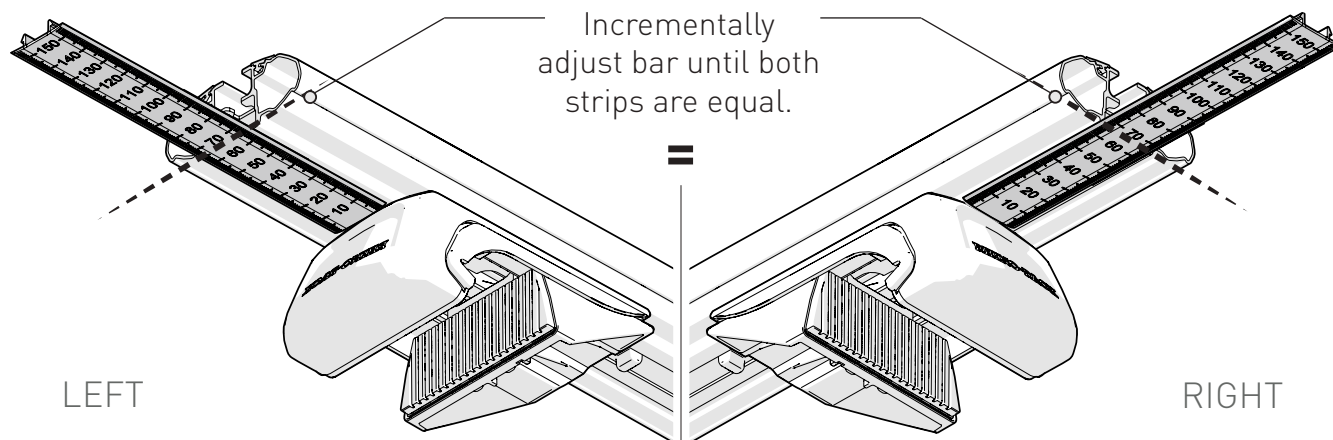
TOP VIEW:



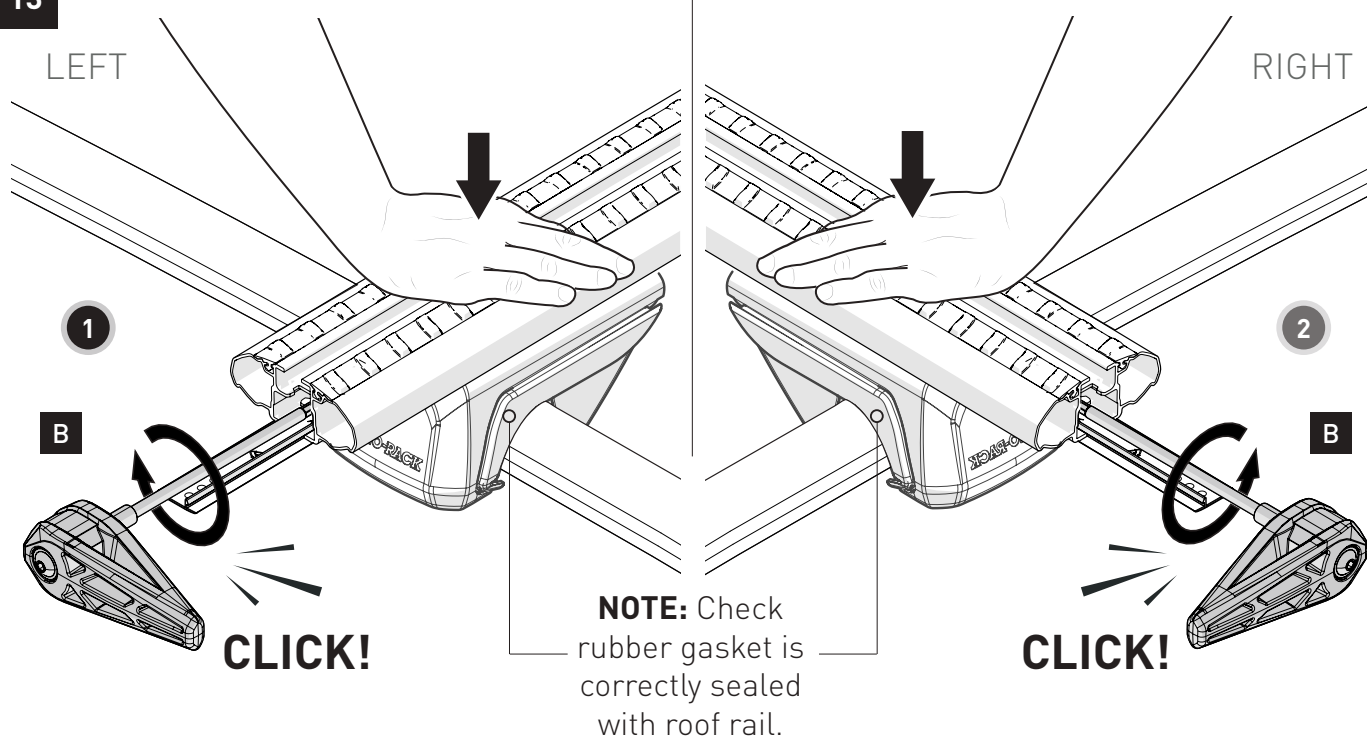
**12** **NOTE:** Ensure the strip is pushed against the leg.



**NOTE:**  
Incrementally  
adjust bar until both  
strips are equal.



**13**



Or tighten leg to

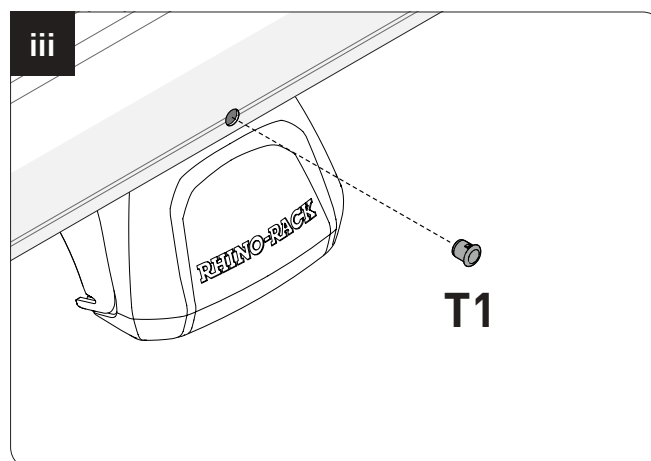
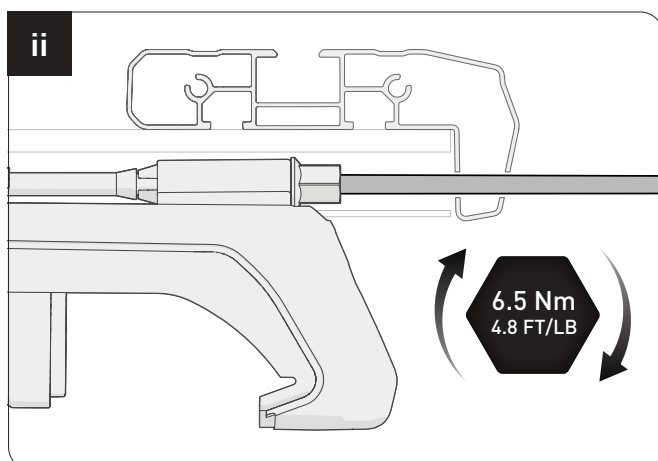
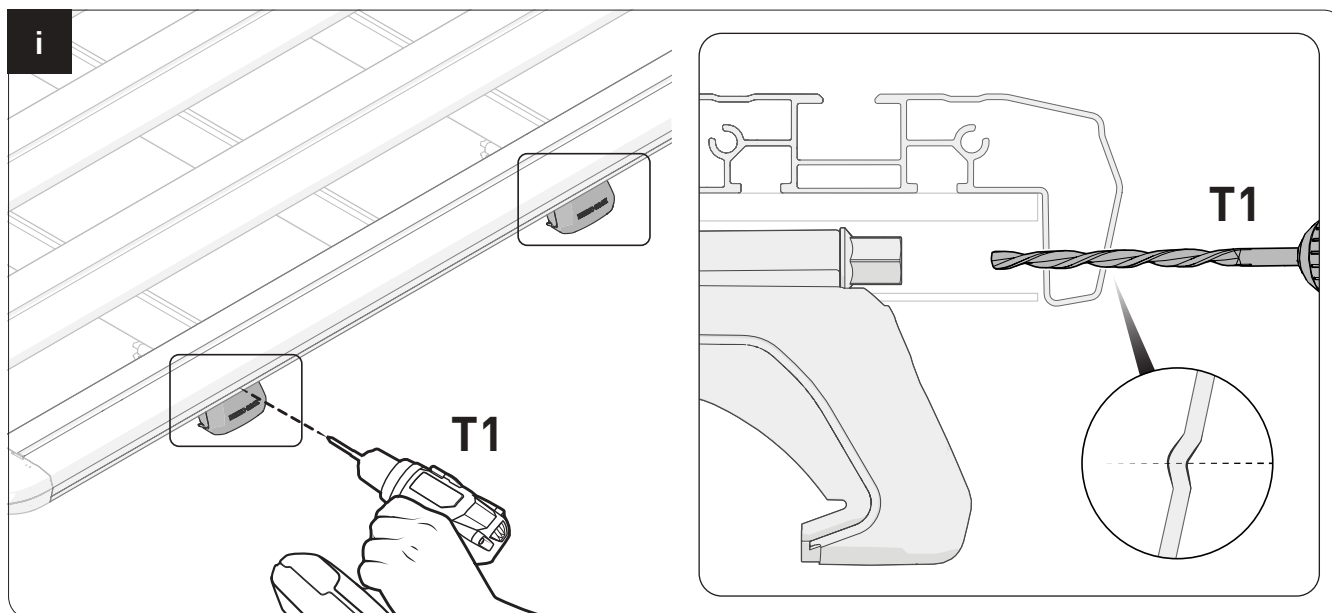


14



## NOTE FOR PIONEER PLATFORMS

FOR WHEN 6.5NM CANNOT BE OBTAINED

SKIP TO **15**

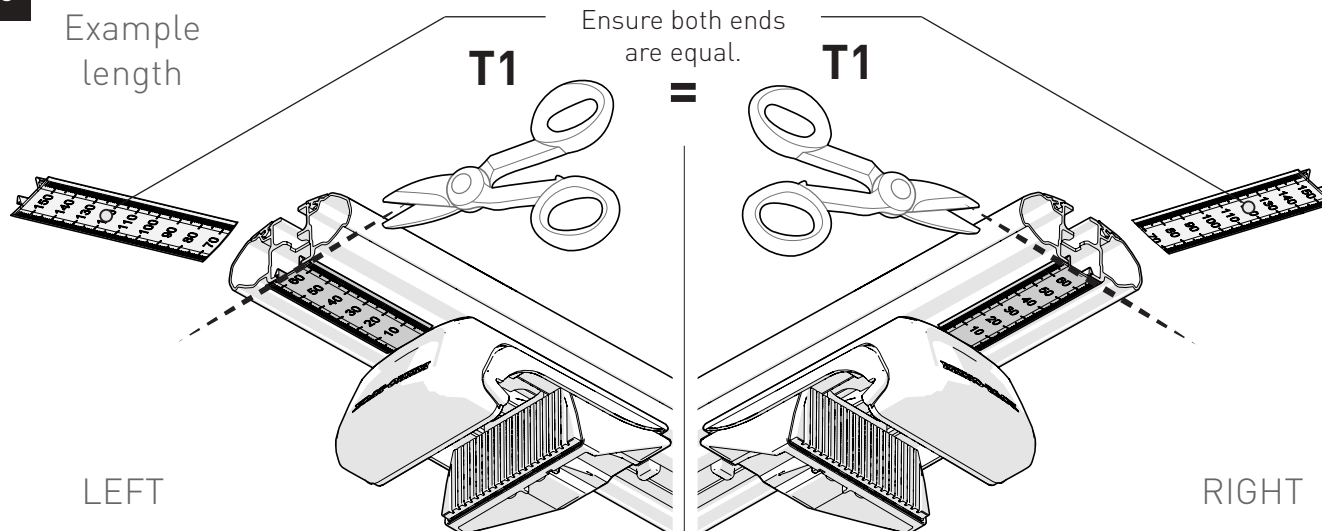
15

Example  
length**NOTE:**Ensure both ends  
are equal.

T1

T1

=



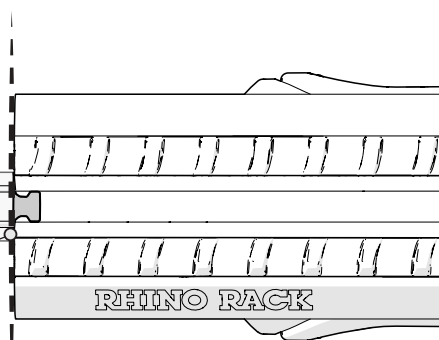
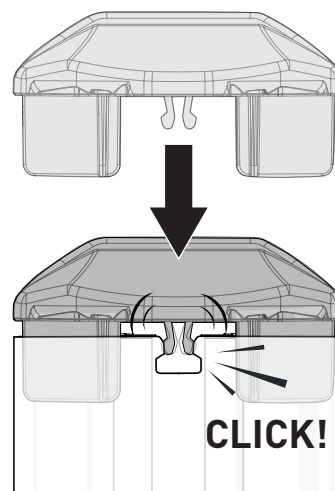
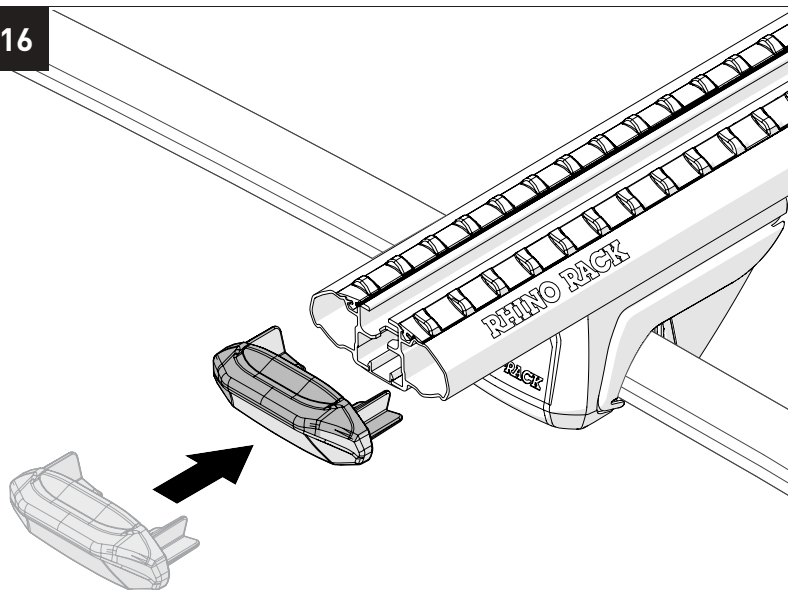
LEFT

RIGHT

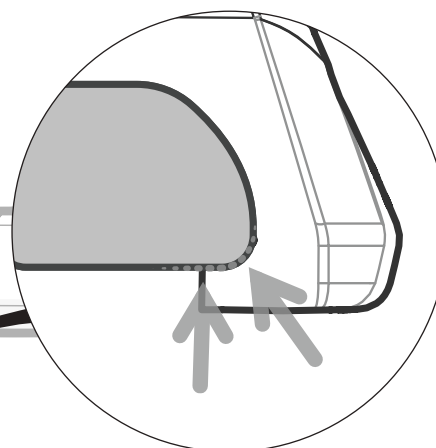
Step continues to the next page.

**NOTE:**

Cut measurement strip flush with the edge of the bar.

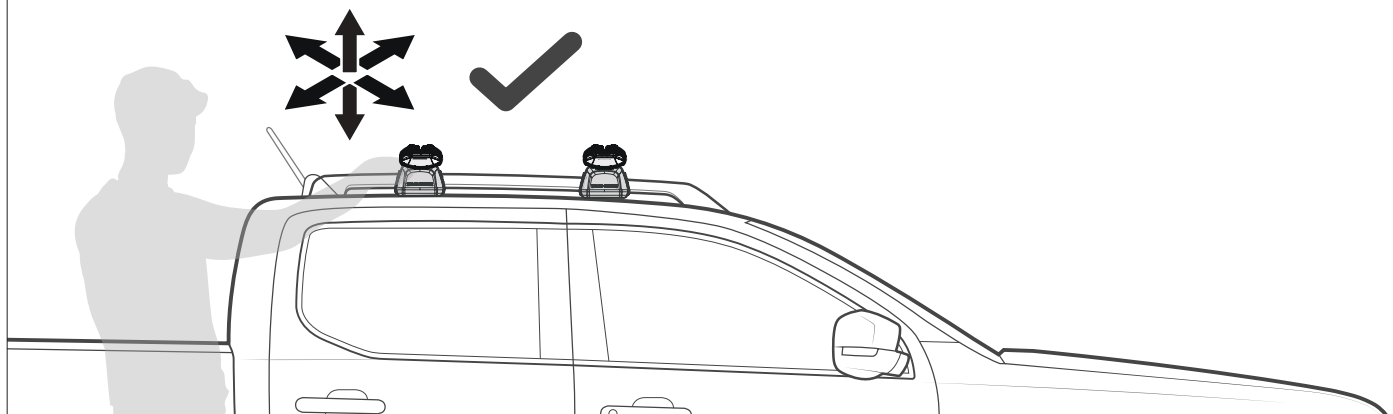
**T1****16****17**

Ensure the leg hooks tightly under the roof rails.



18

Check fitment is secure before use.



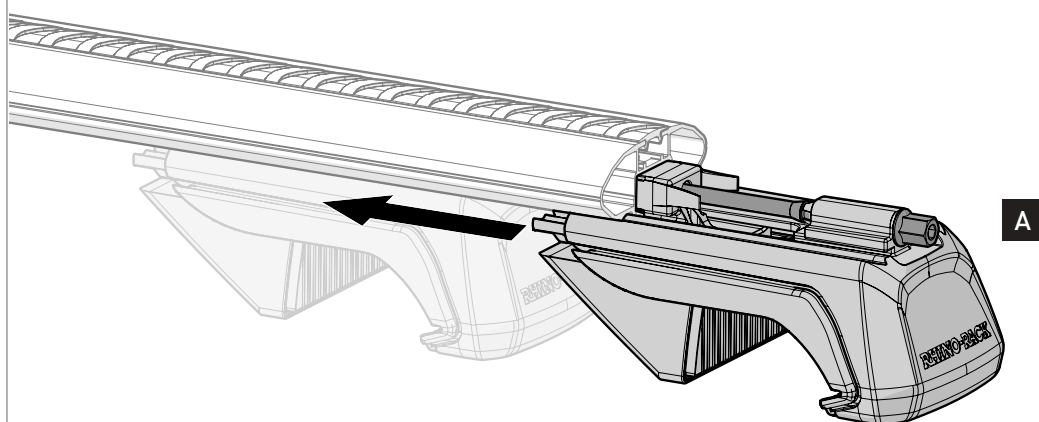
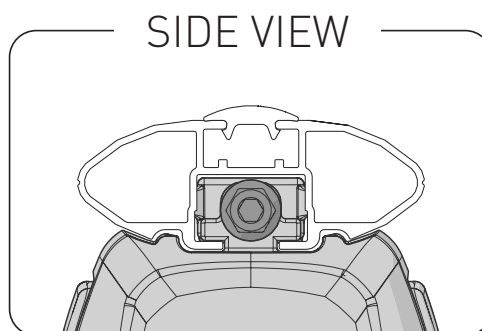
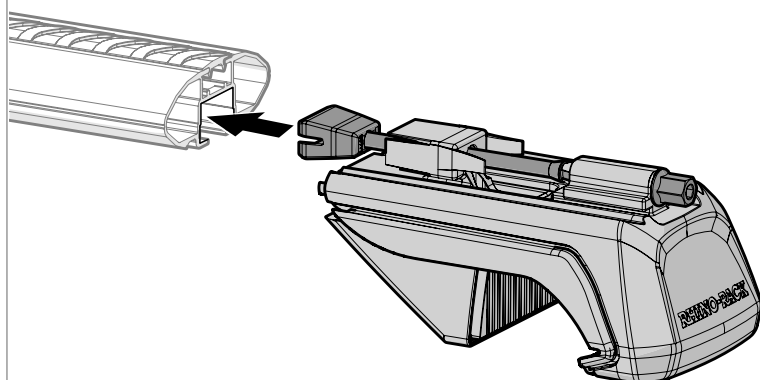
**SPORTZ Bar Installation** Complete.



19



**FOR VORTEX CROSS BARS**



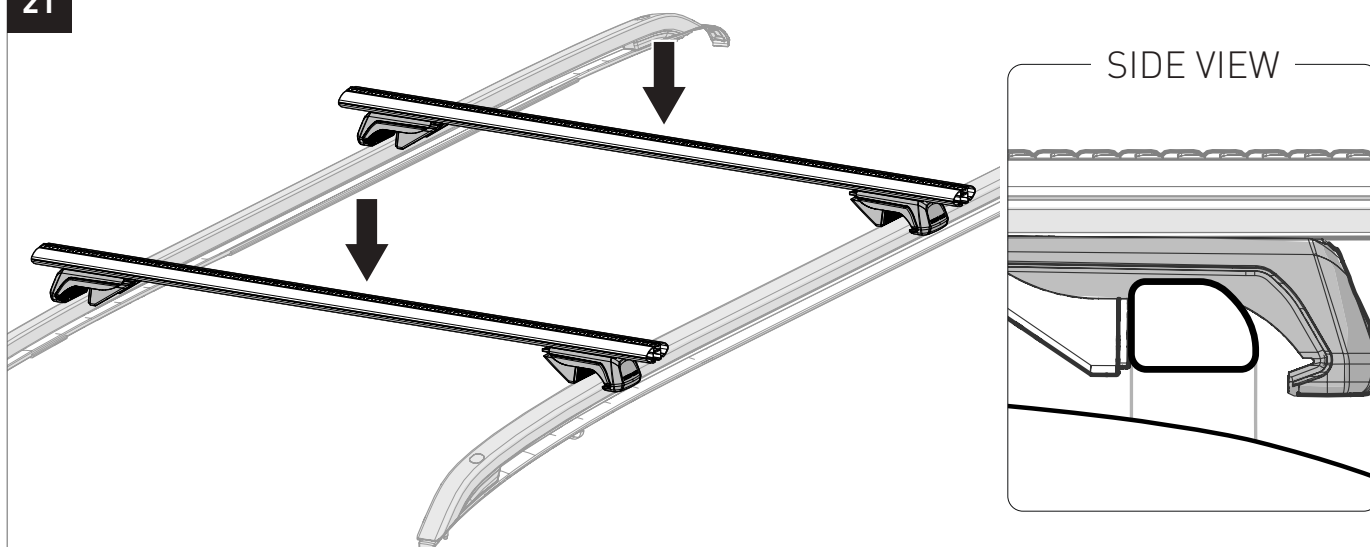
**NOTE:** For vehicles PRE 2022, skip to Step **20** after completing this Step.

**NOTE:** For vehicles POST 2022, skip to Step **33** after completing this Step.

20

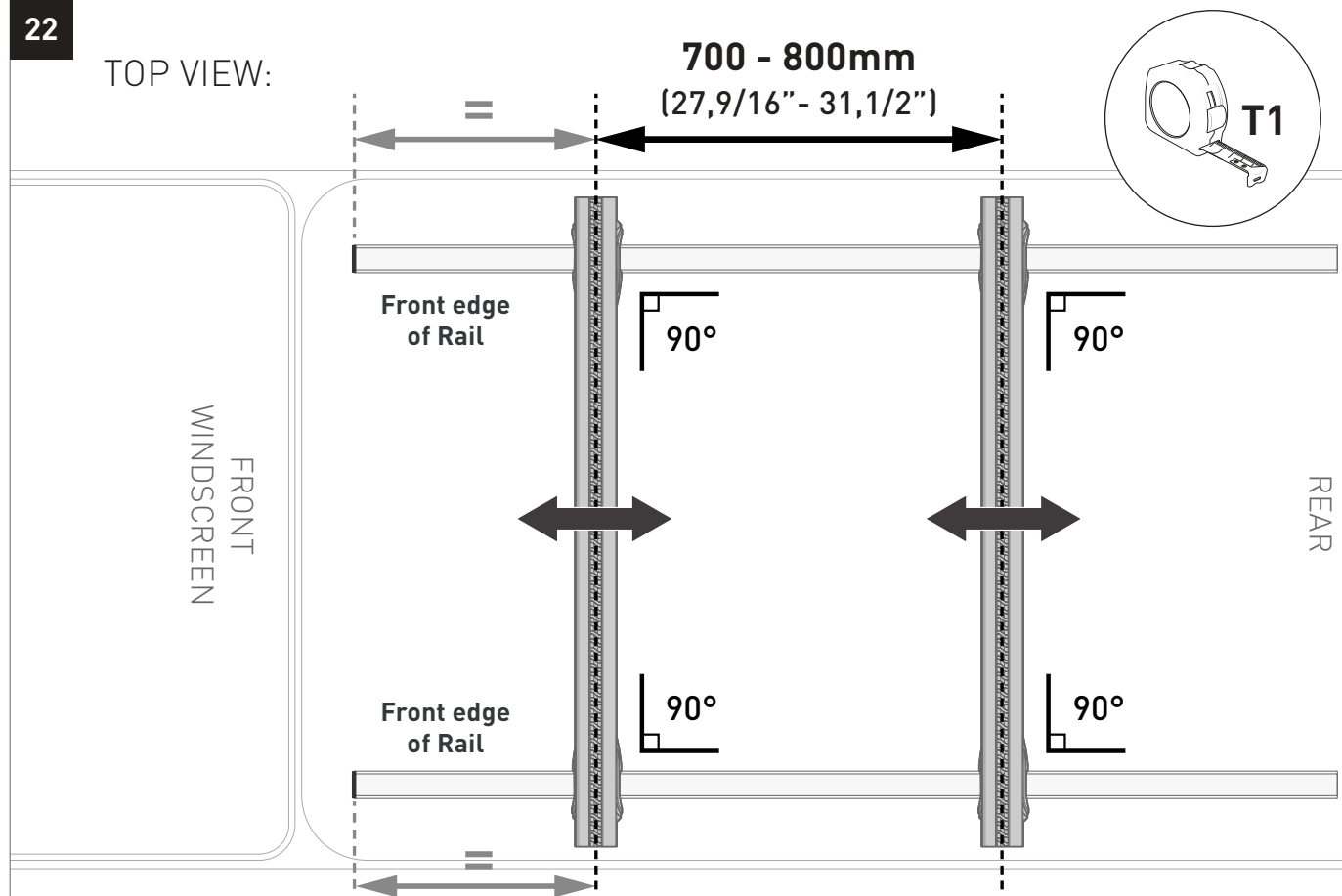


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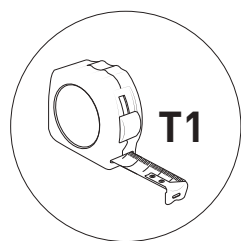


22

TOP VIEW:



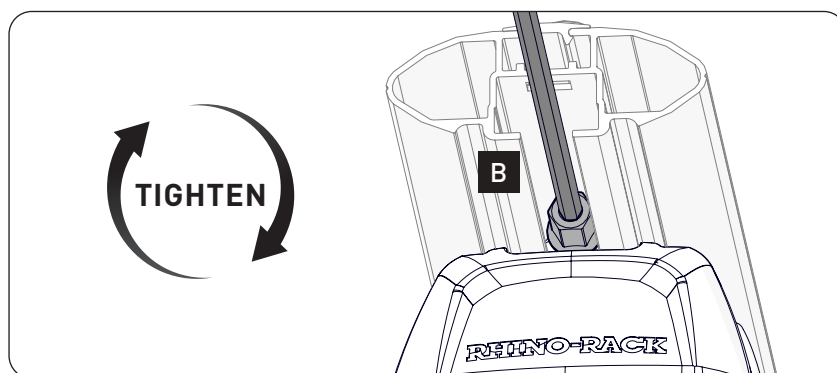
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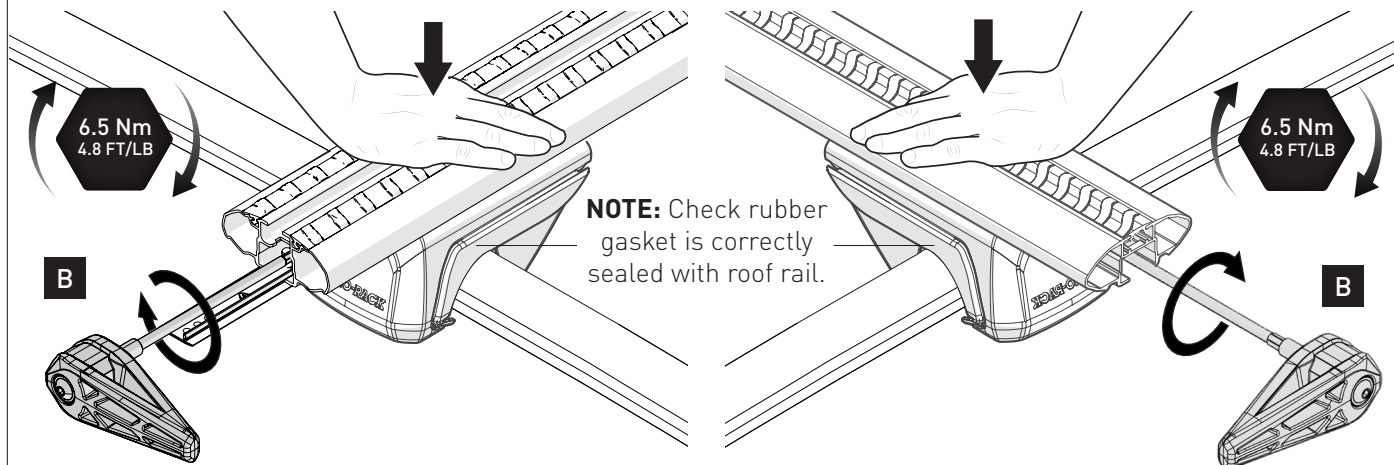
FRONT VIEW



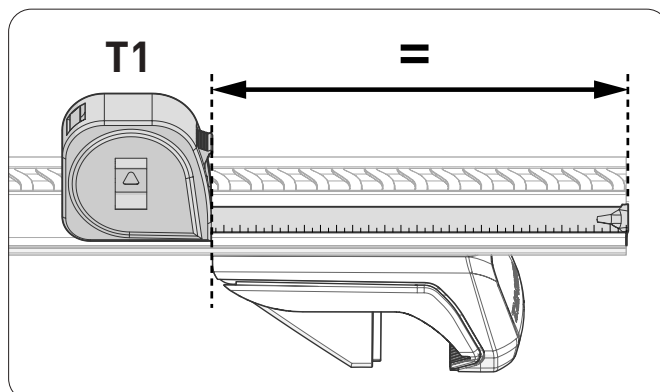
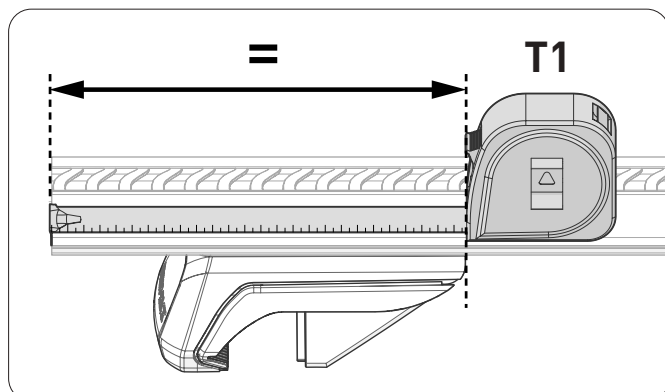
24



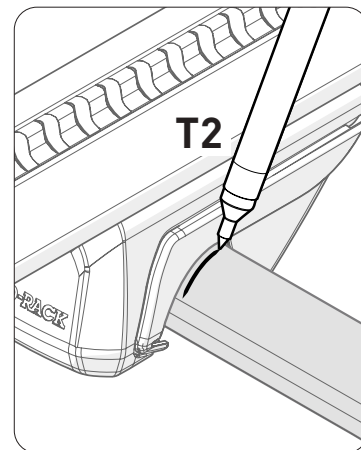
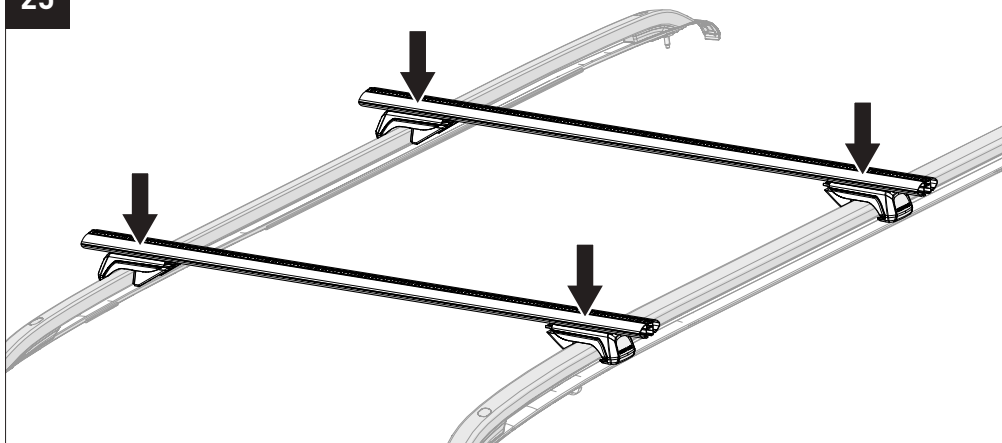
**Incrementally tighten** each leg so that crossbars are firmly set in position.



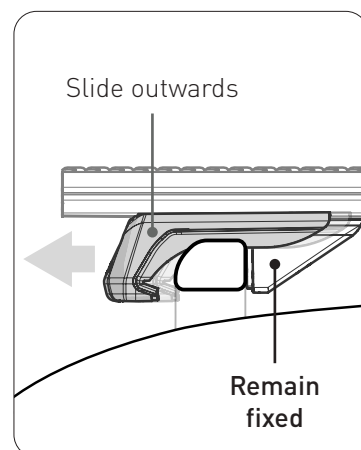
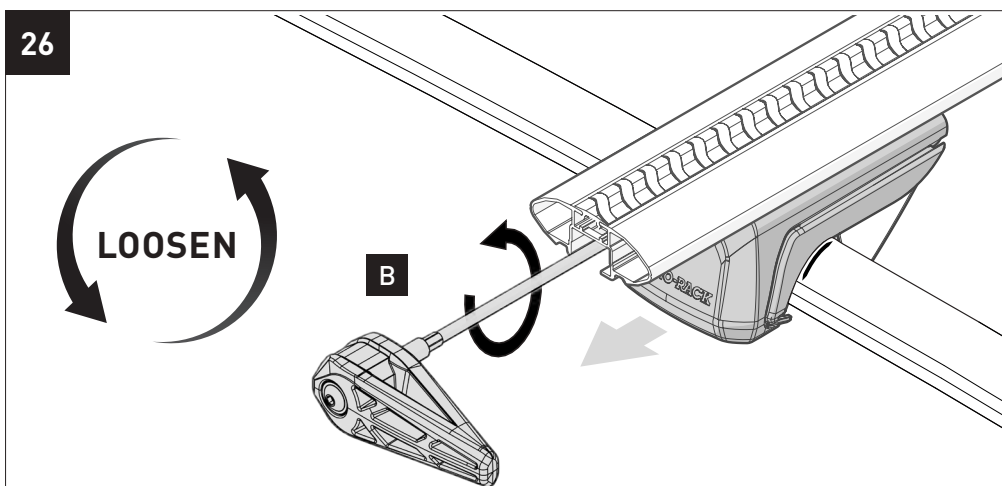
**While incrementally tightening legs, check bar/platform overhang is still equidistant.**



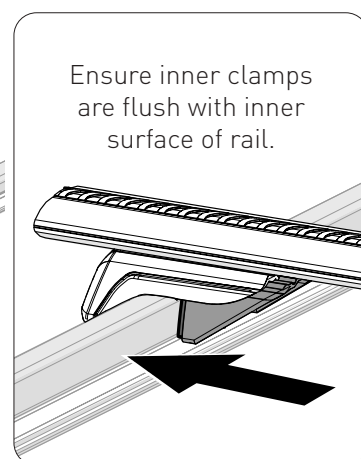
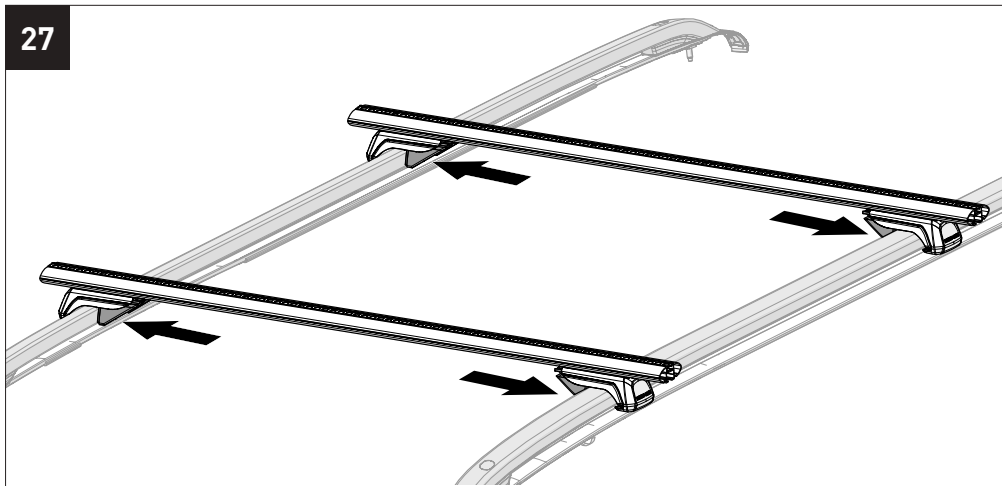
25



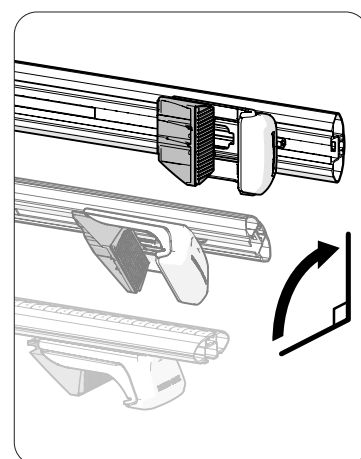
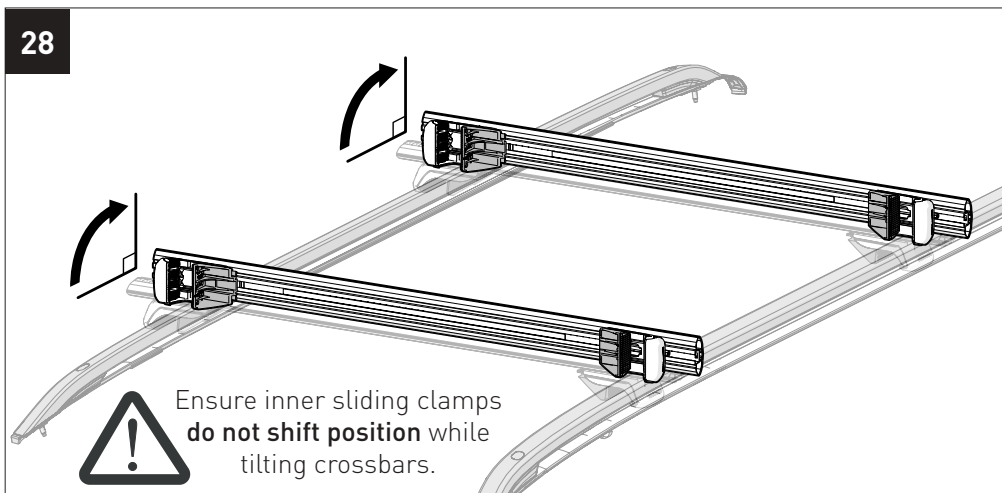
26



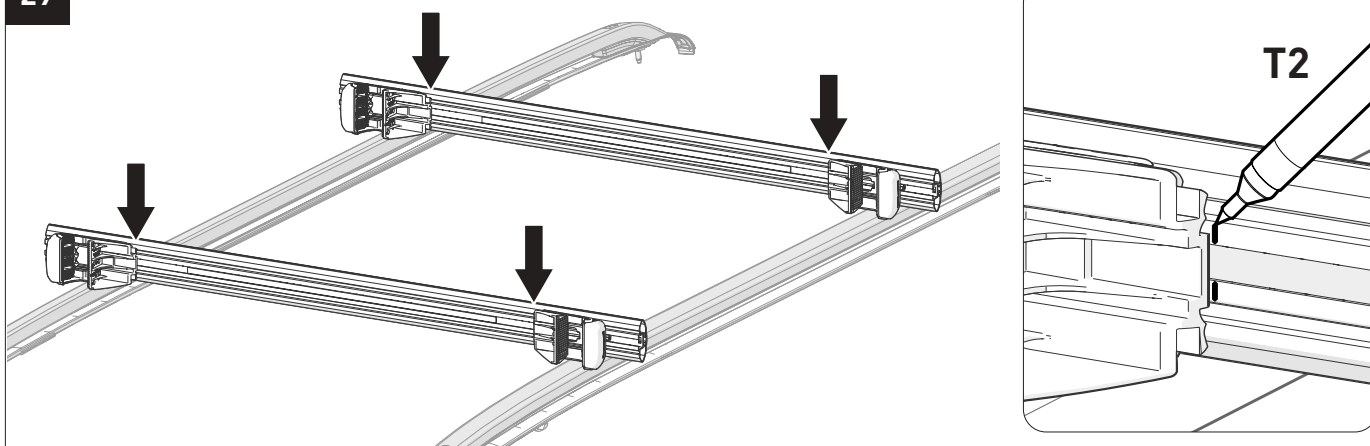
27



28



29



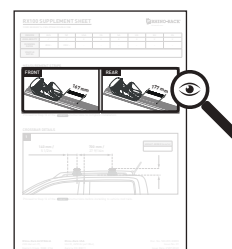
30

### For POST 2022 Vehicles:

Refer to Fit Sheet for underbar strip dimensions and cut to size.

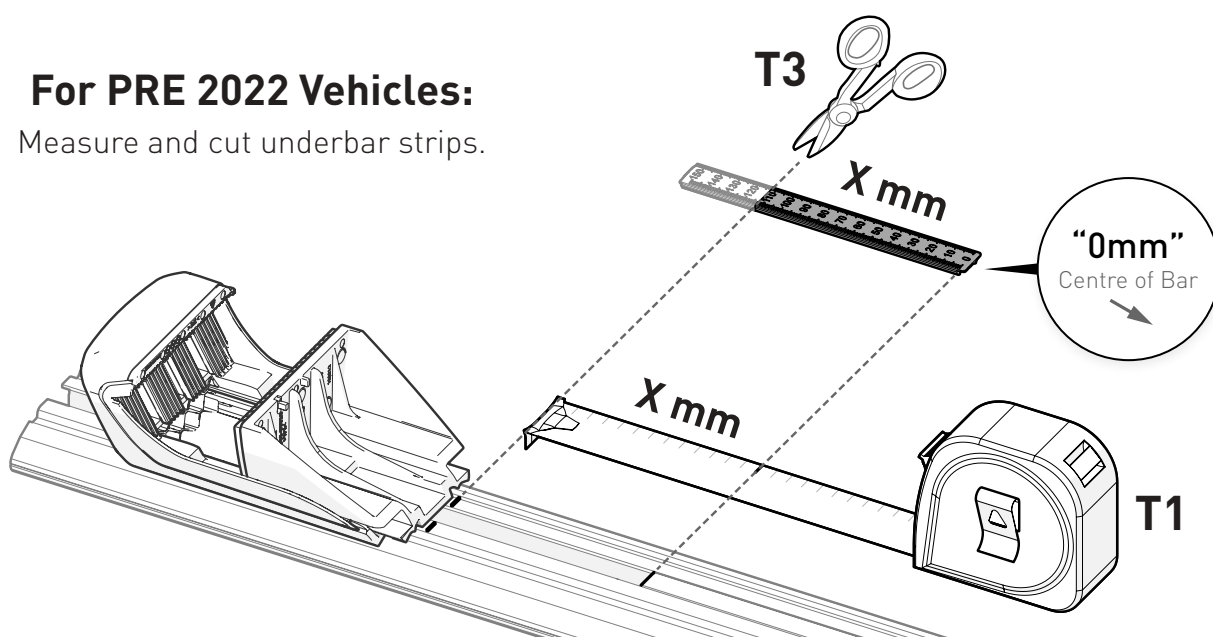


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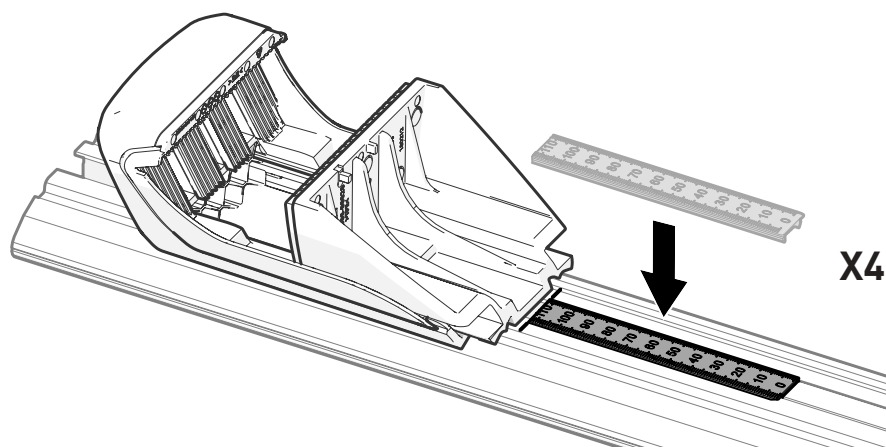


### For PRE 2022 Vehicles:

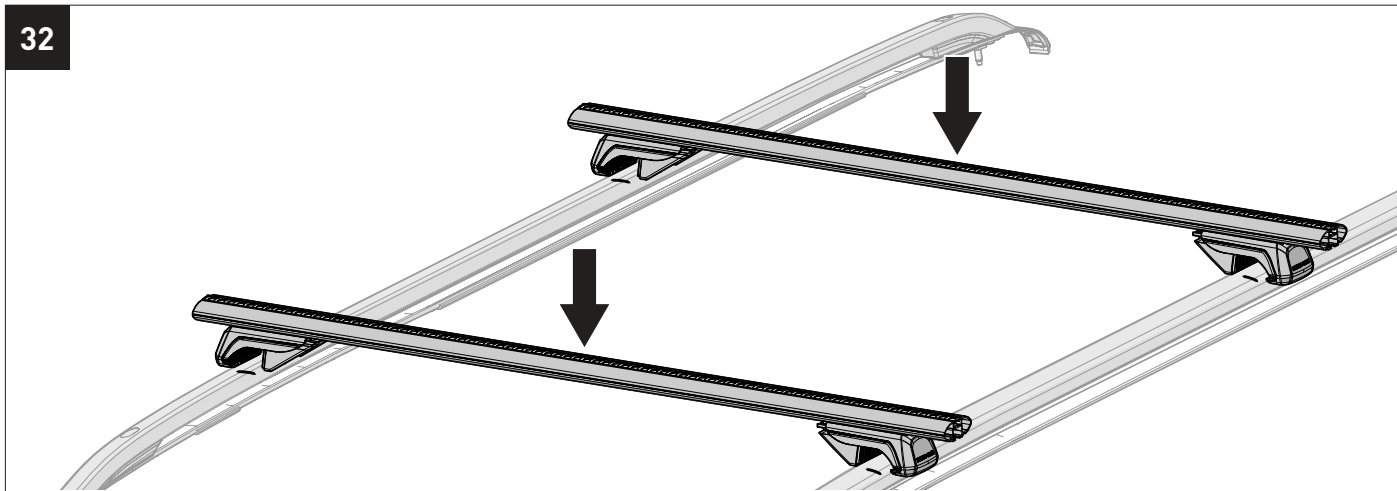
Measure and cut underbar strips.



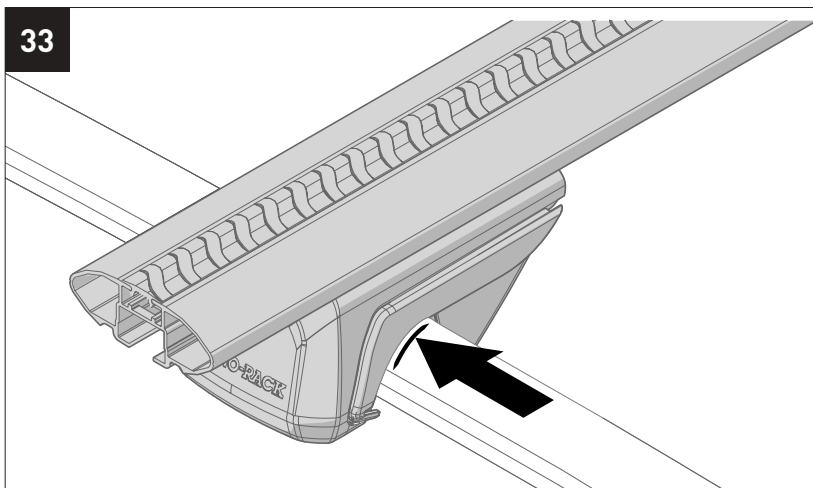
31



32



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**For POST 2022 Vehicles:**

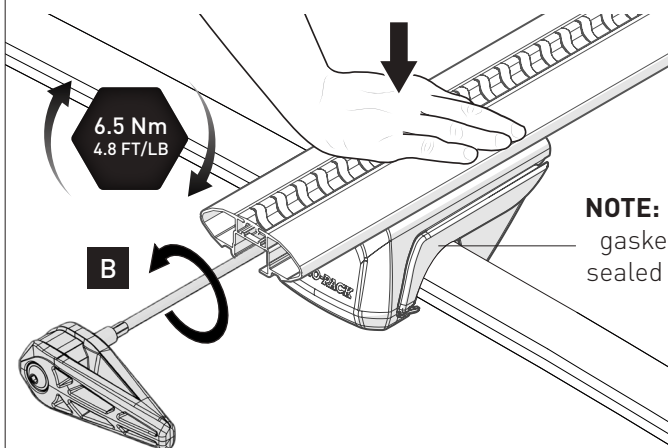
Refer to vehicle-specific Crossbar Supplement for rail positioning.

**For Pre 2022 Vehicles:**

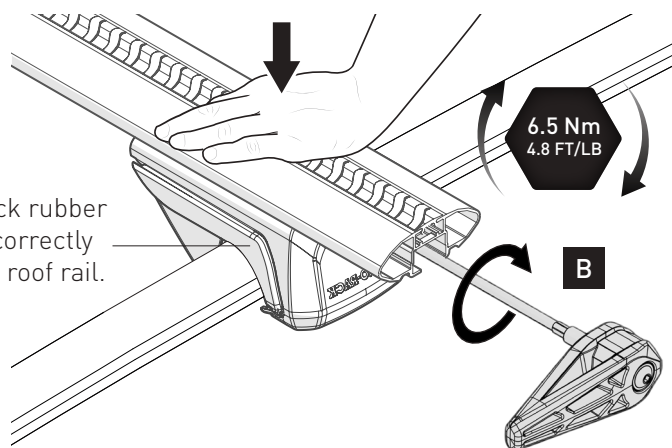
**Crossbars:** Realign to Step 29 markings.

34

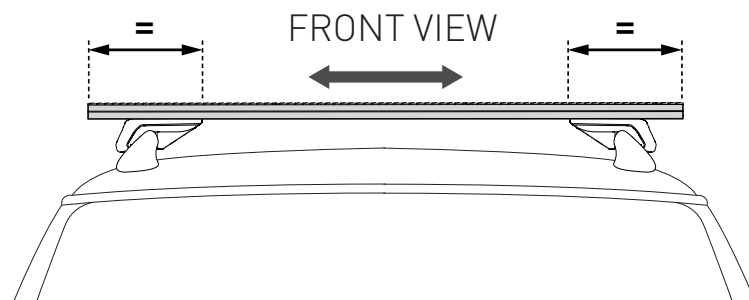
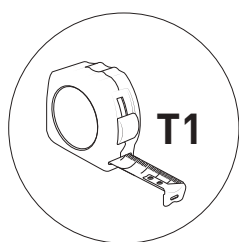
**Incrementally tighten** each leg so that crossbars/platforms are firmly set in position.



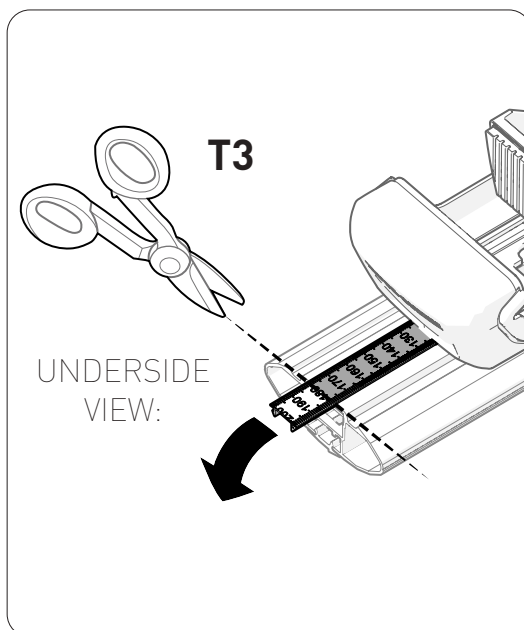
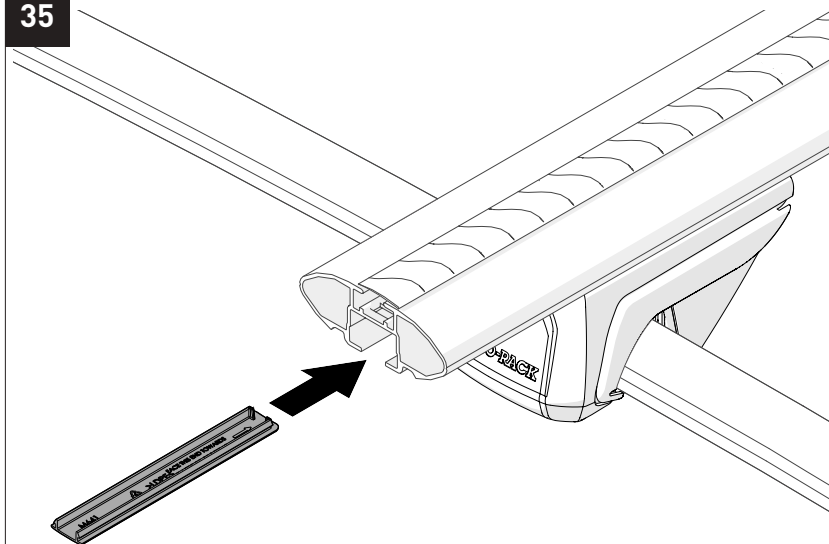
**NOTE:** Check rubber gasket is correctly sealed with roof rail.



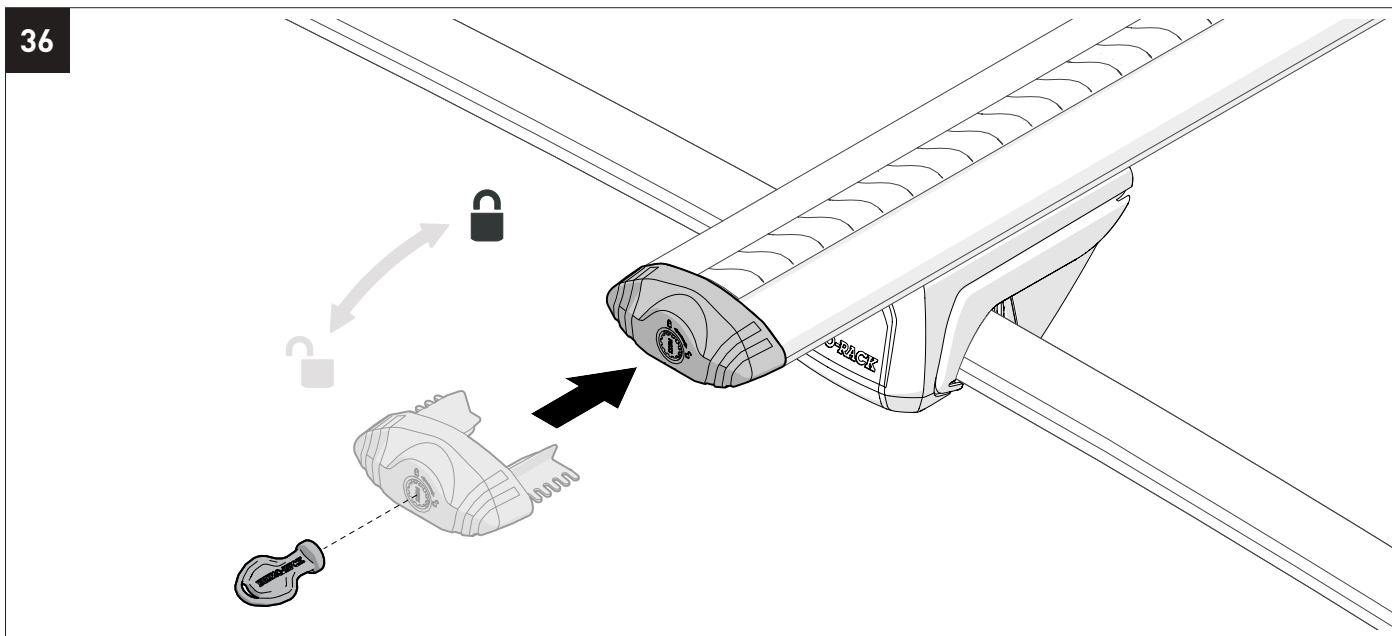
**While incrementally tightening legs, check bar overhang is still equidistant.**



35

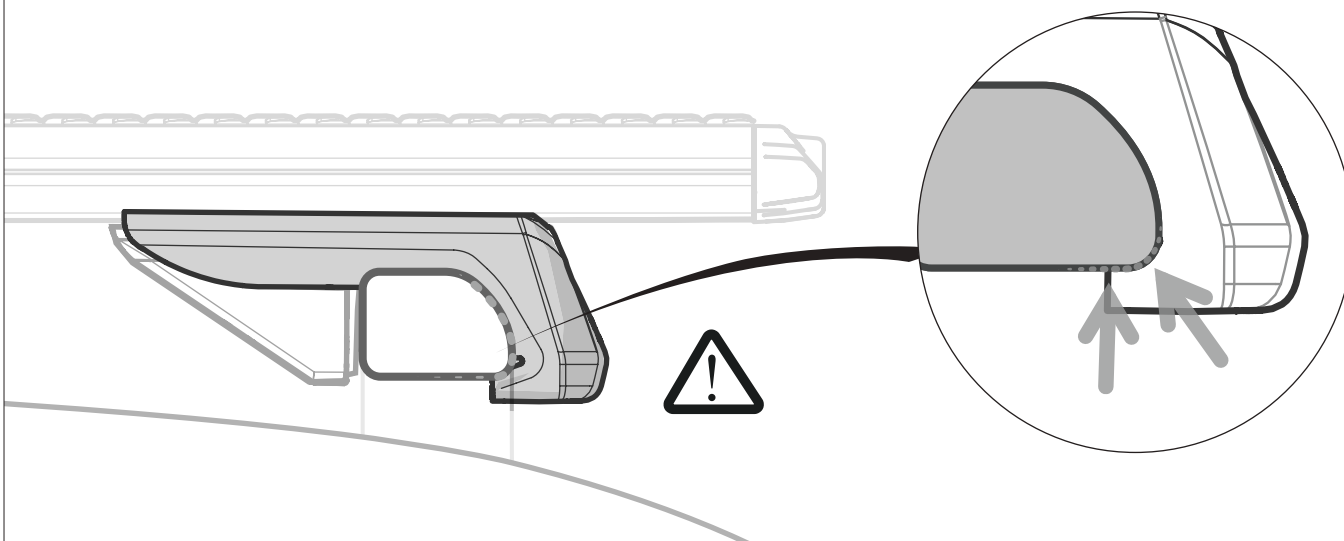


36



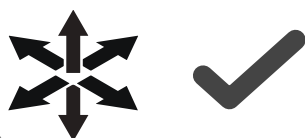
37

Ensure the leg hooks tightly under the roof rails.



38

Check fitment is secure before use.



**Vortex Bar Installation** Complete.



# NOTES

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# NOTES

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