

RHINO-RACK®

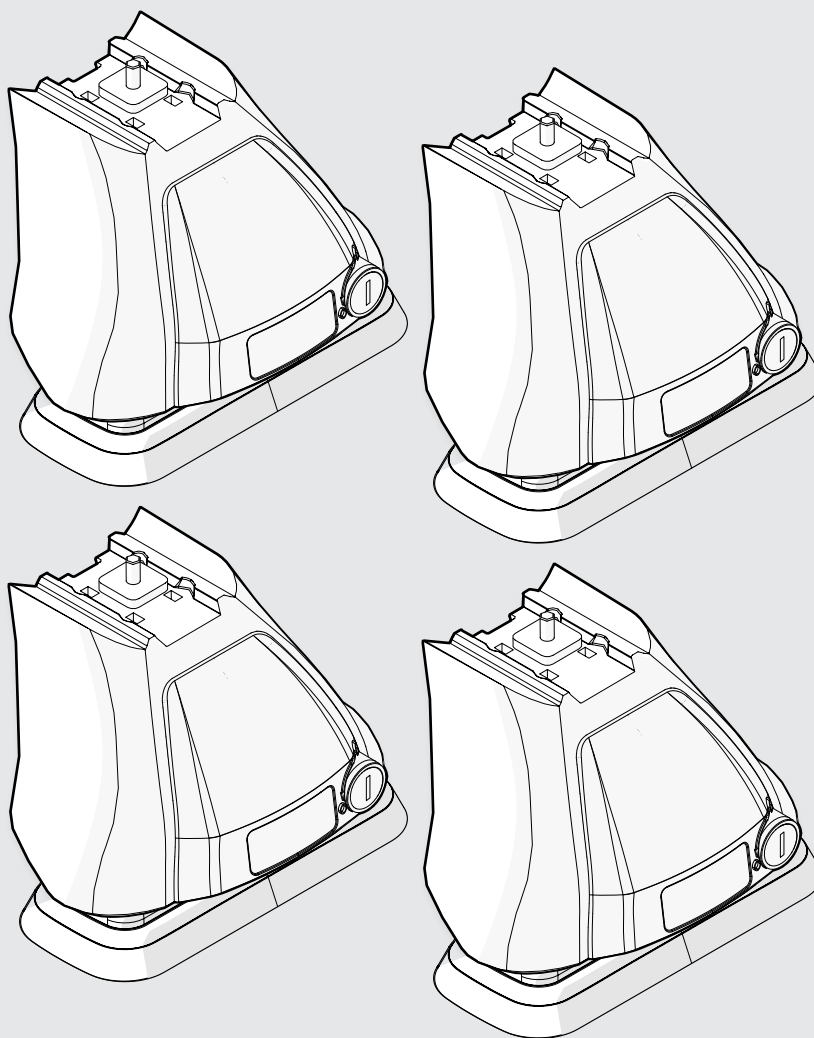
Rhino 2500FMP Crossbar System

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: 30 mins

Instruction includes new **SPORTZ** Bar steps.



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Document No: R083

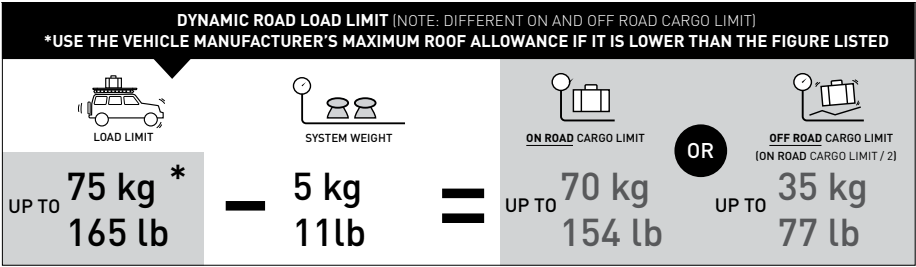
Issue No: 9

Issue Date: 07/08/2025

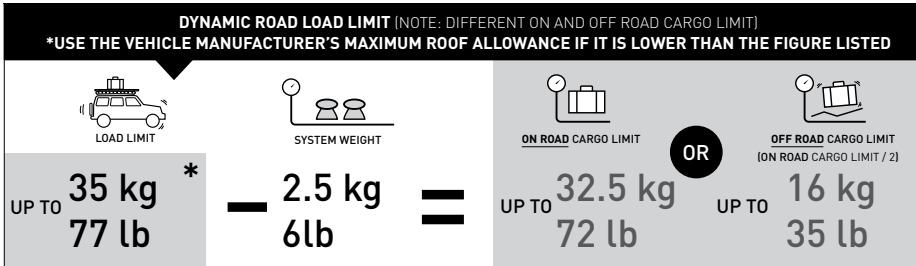
Carrying Capacity

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.

2 BARS



1 BAR



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 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).

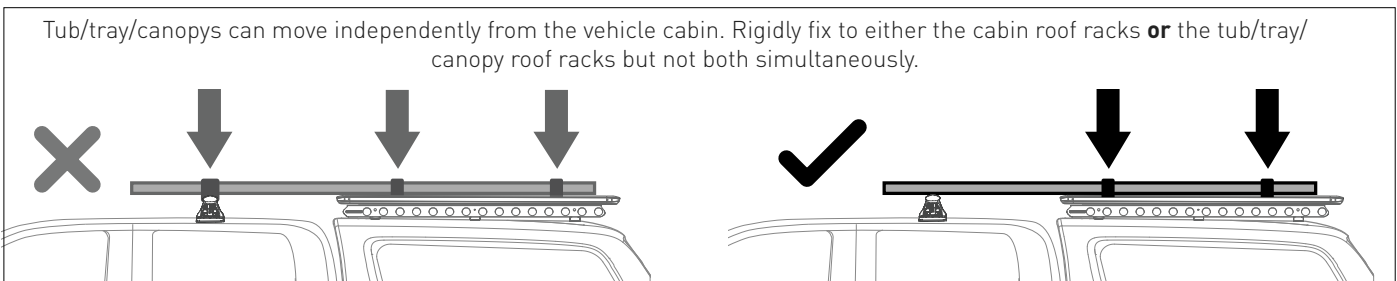
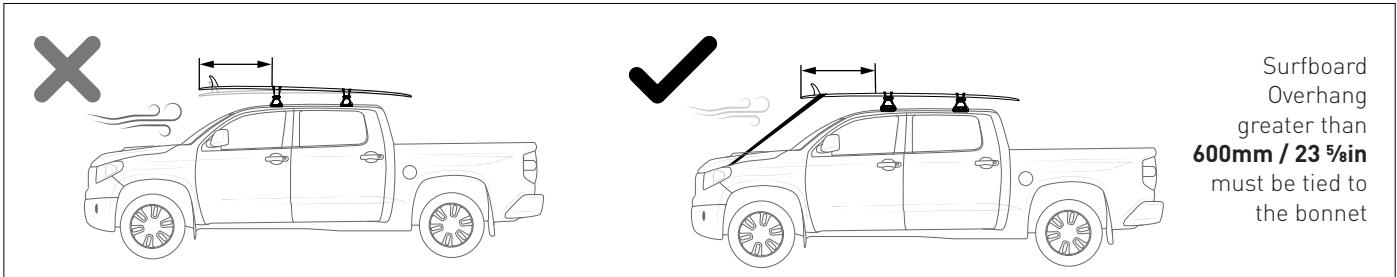
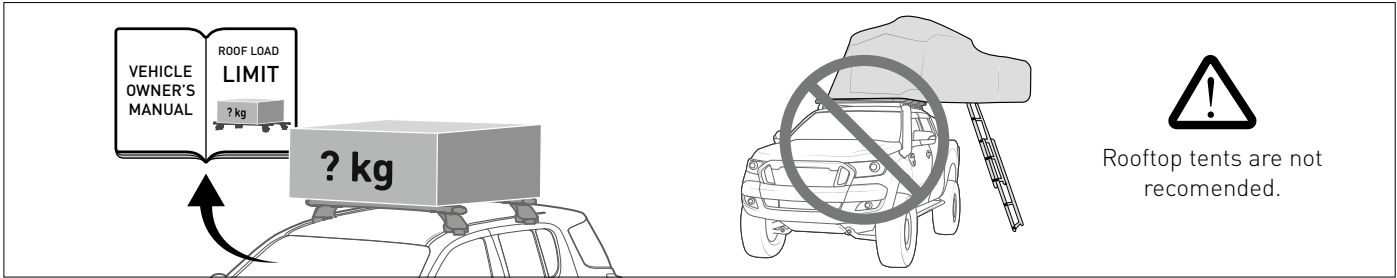
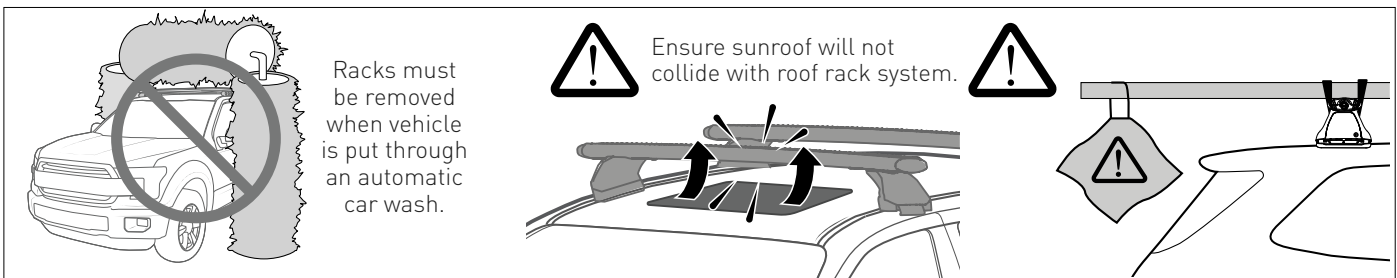
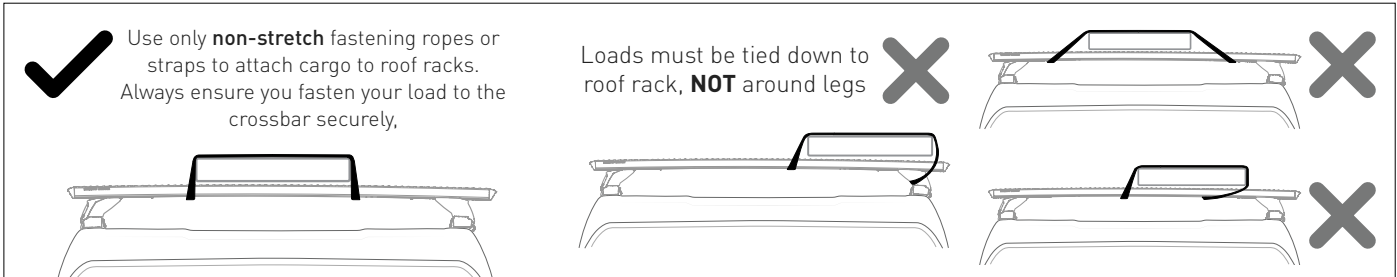
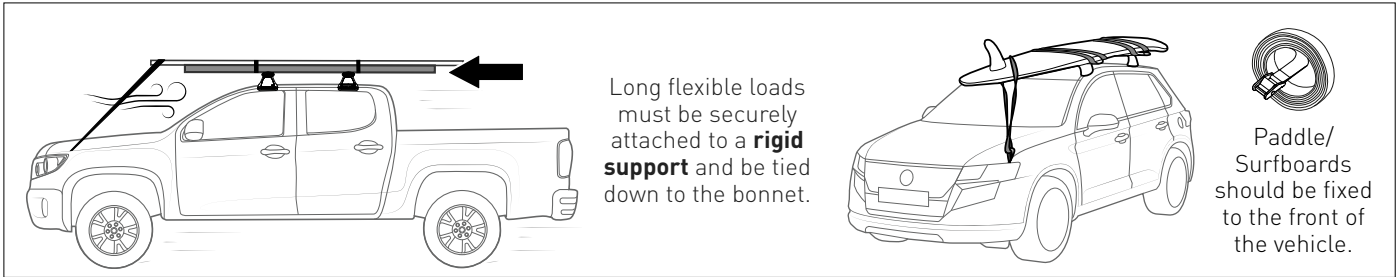
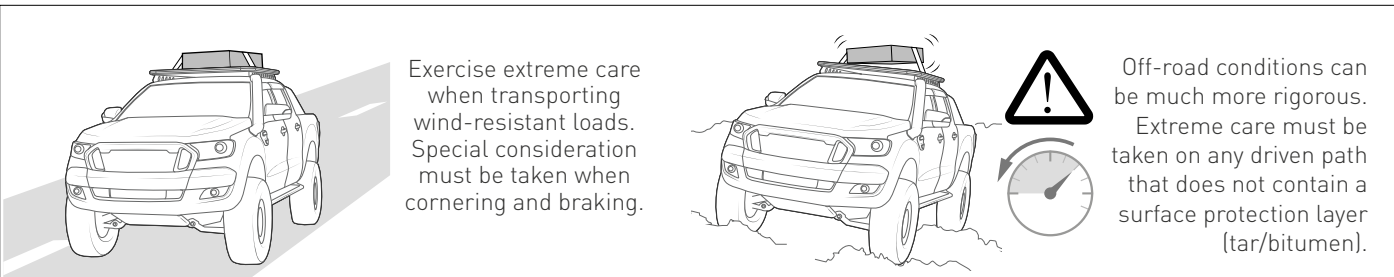
Torque Settings:

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

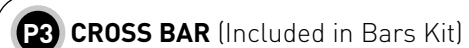


Note for Dealers and Fitters

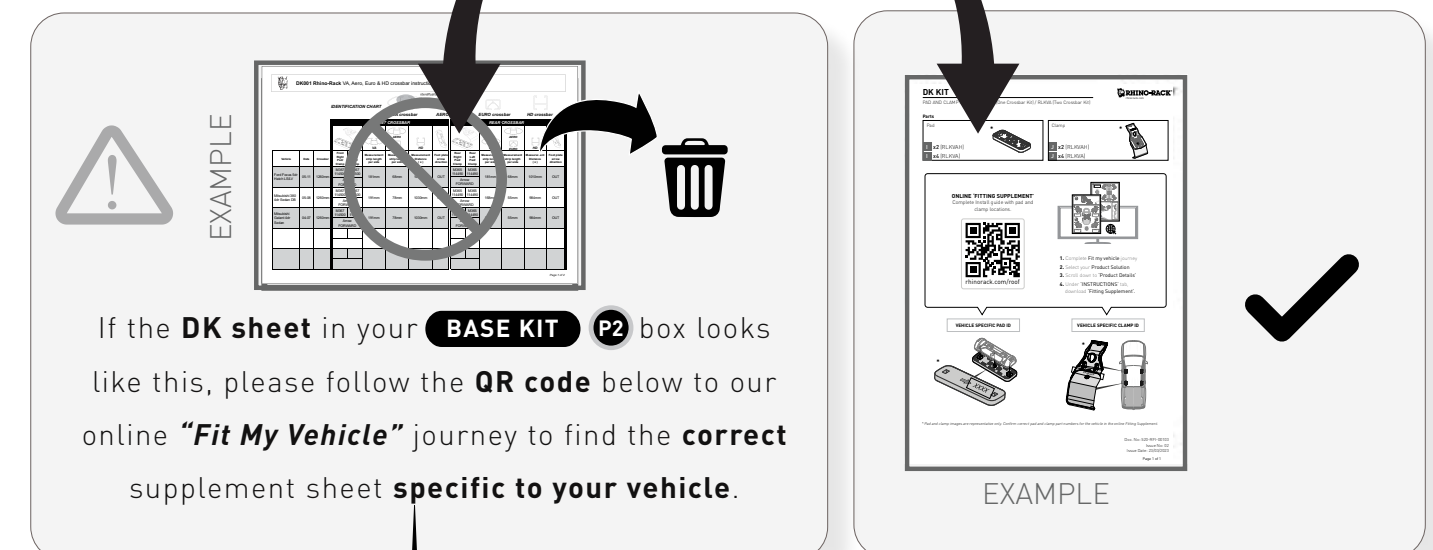
It is your responsibility to ensure these fitting instructions are given to the end user or client. These instructions remain the property of Rhino-Rack Australia Pty. Ltd. and may not be used or changed for any other purpose than intended.



P1 LEG PARTS (Included in Leg Kit)



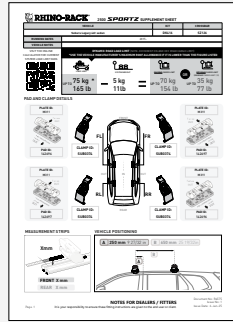
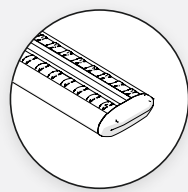
T1 - Scissors / Cutters
T2 - Measuring Tape
T3 - Torque Wrench
T4 - 10mm Spanner



Page 5 of 24

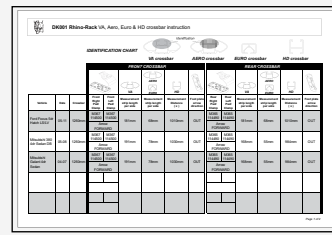
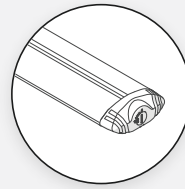
SEE THE **EXAMPLES** OF SUPPLEMENT SHEETS BELOW. PROCEED TO THE CORRESPONDING STEPS DEPENDING ON YOUR **BAR PROFILE**.

SPORTZ BAR



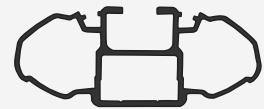
EXAMPLE

VA BAR



EXAMPLE

OR



For **RLKVA** Leg with **SPORTZ** Bar go to Step **1** - **22**.

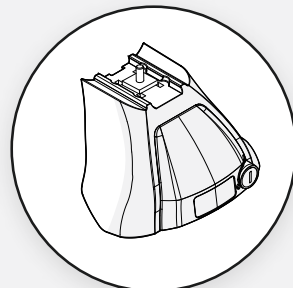


For **RLKVA** Leg with **VORTEX** Bar go to Step **1** - **7** & **24** - **36**.

System Components

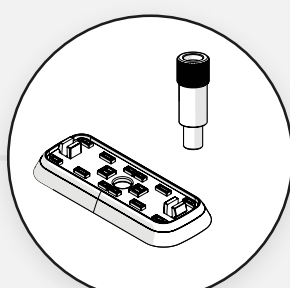
To complete the installation ensure you have **Base Kit**, **Legs** and **Crossbars**.

LEGS



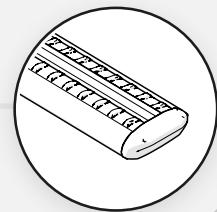
P1

BASE

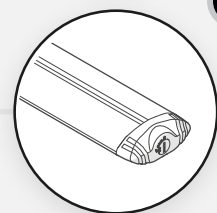


P2

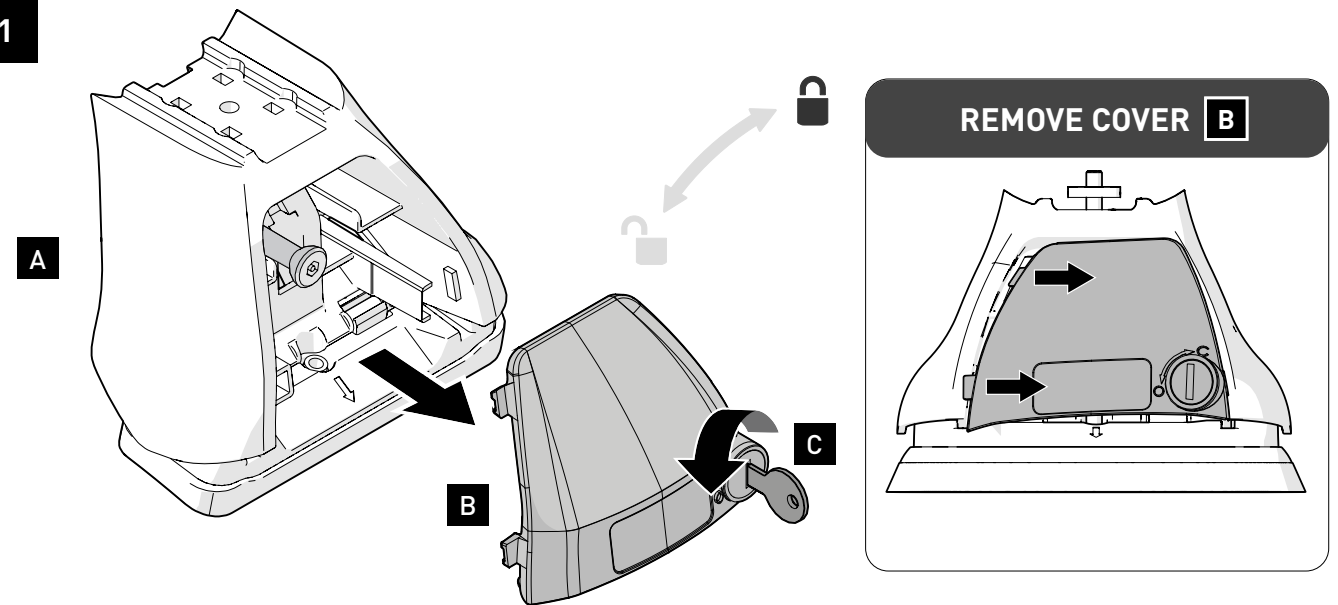
BARS



P3



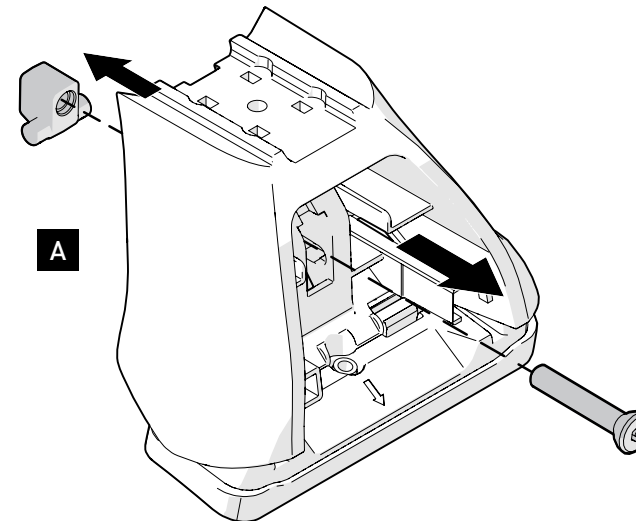
1



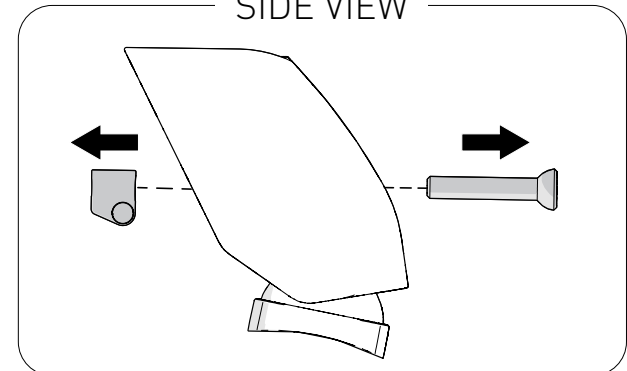
REMOVE COVER B

2

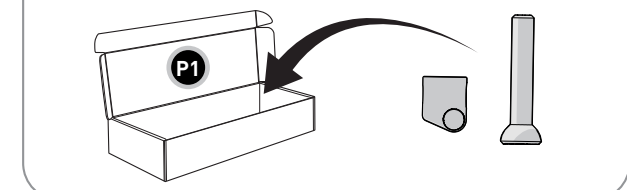
Remove pre-assembled hardware



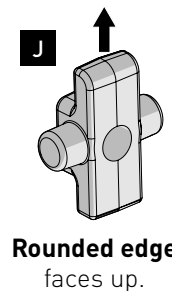
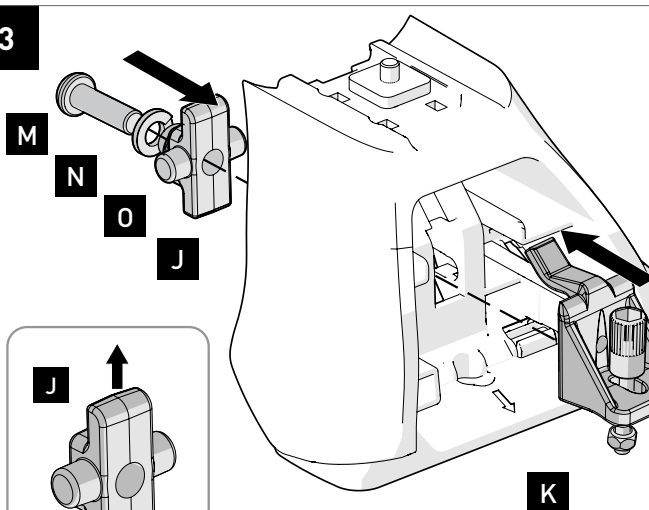
SIDE VIEW



Store hardware in a safe place

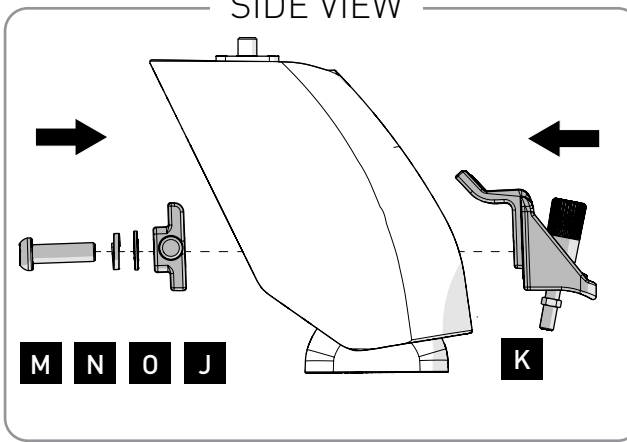


3

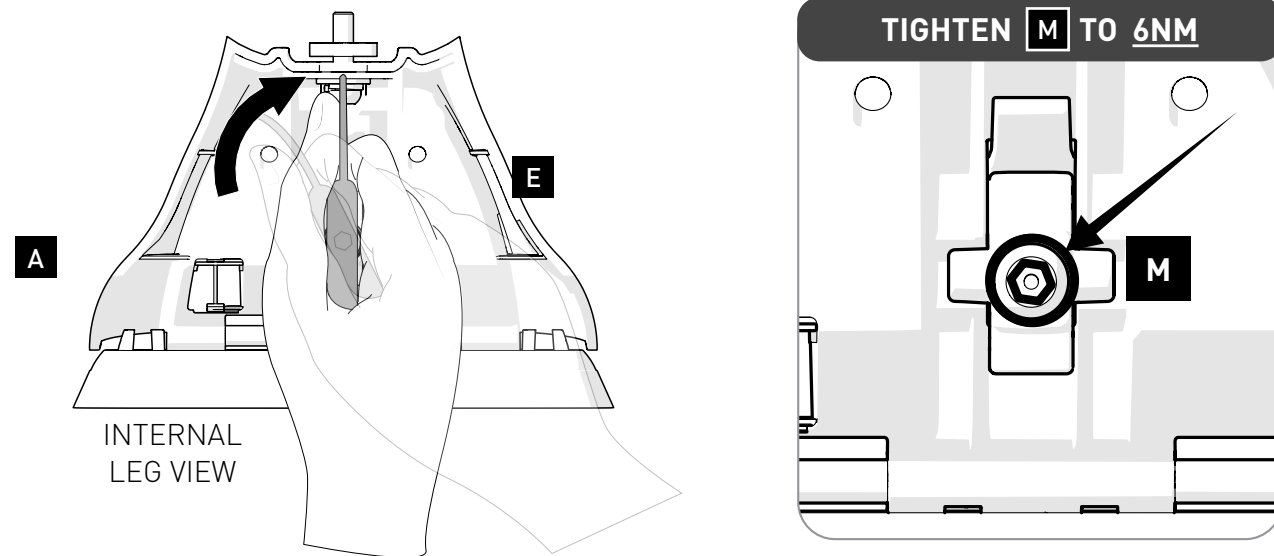


Rounded edge faces up.

SIDE VIEW



4



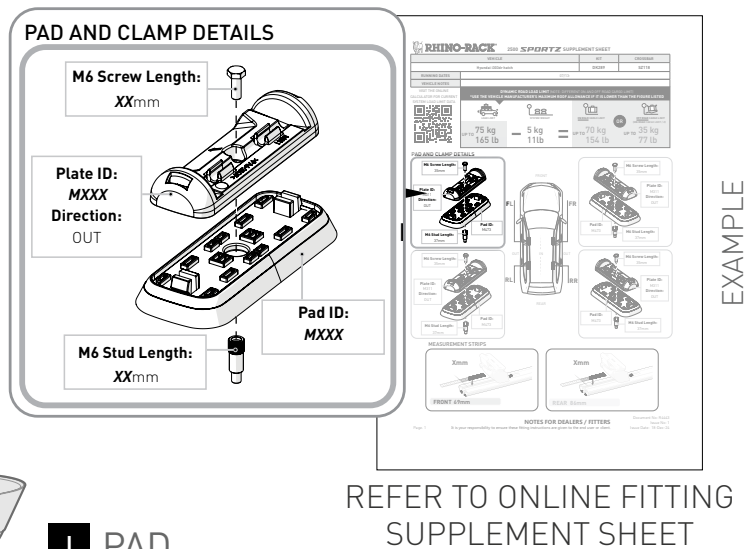
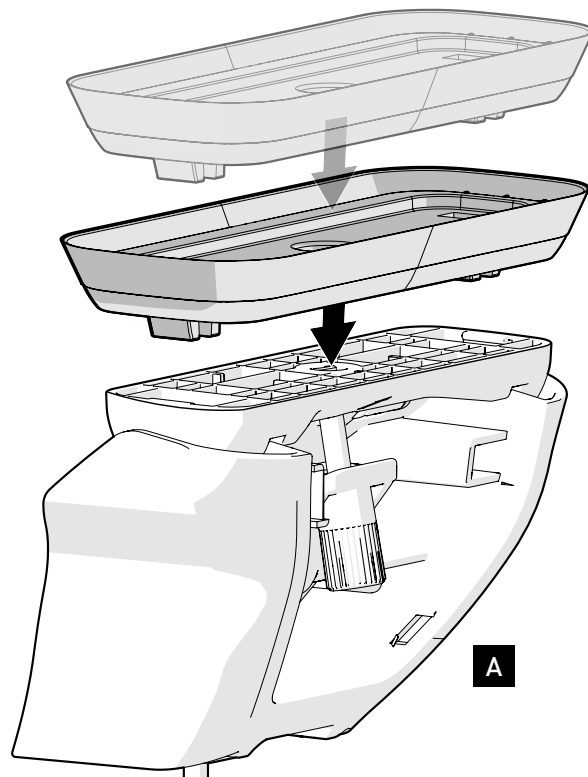
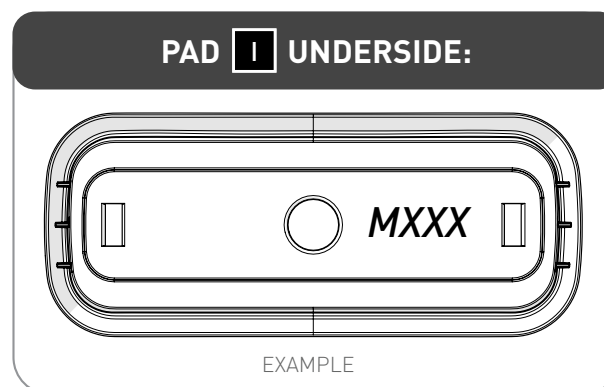
5



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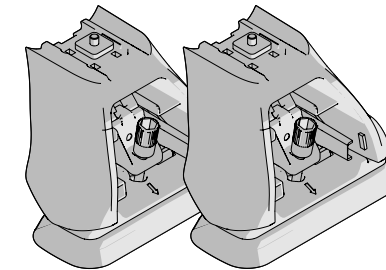
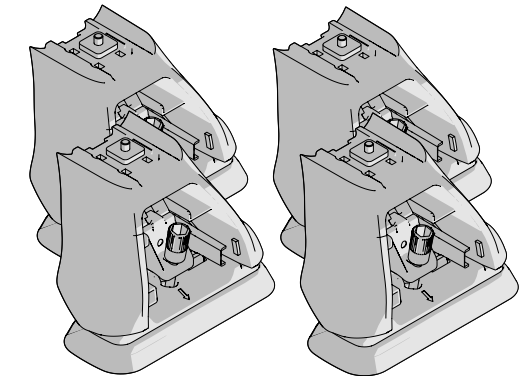
IMPORTANT NOTE:

Refer to **Page. 05** to find your supplement sheet, or follow this link to the "Fit My Vehicle" journey online.

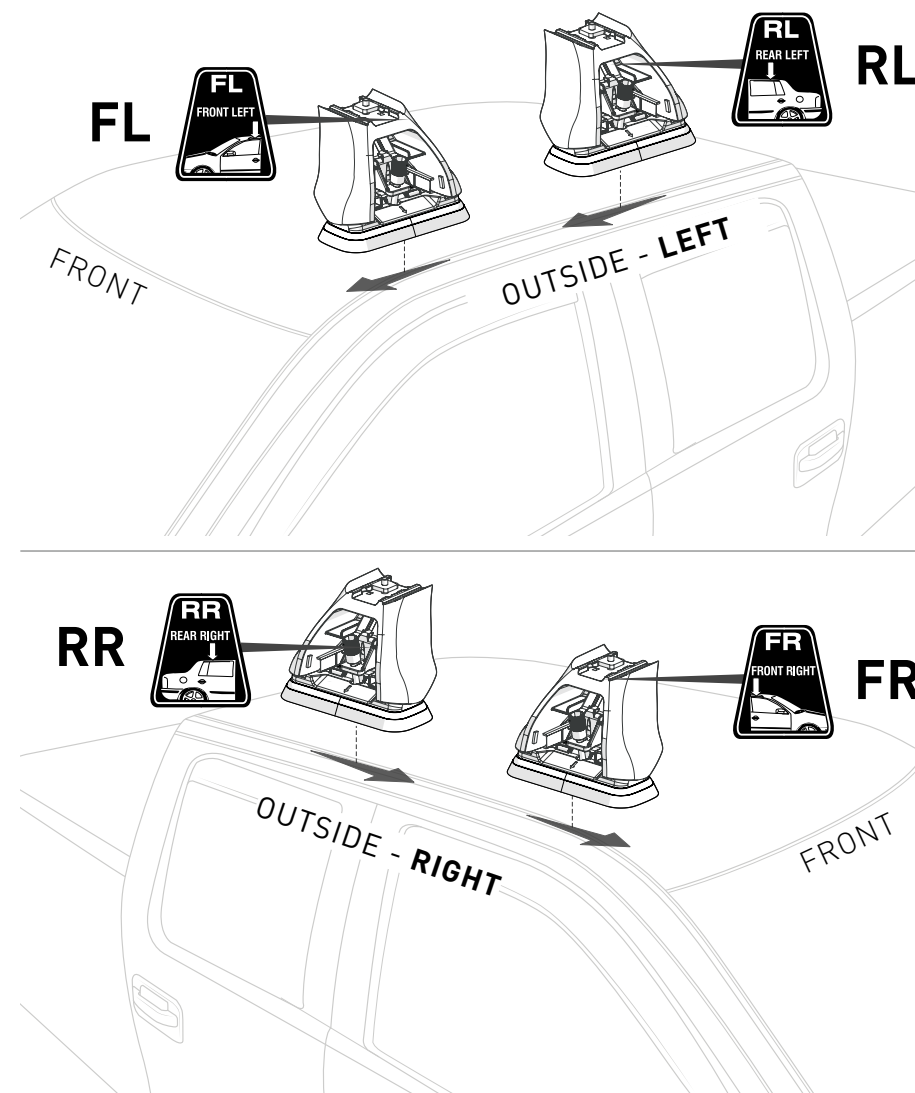
**I** PAD**PAD I** UNDERSIDE:

6

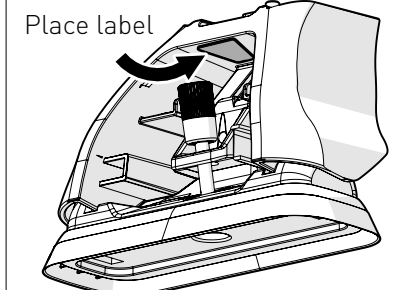
Repeat Step **1** - **5** for **ALL LEGS** required for your fit.

1 BAR**2 BARS**

7

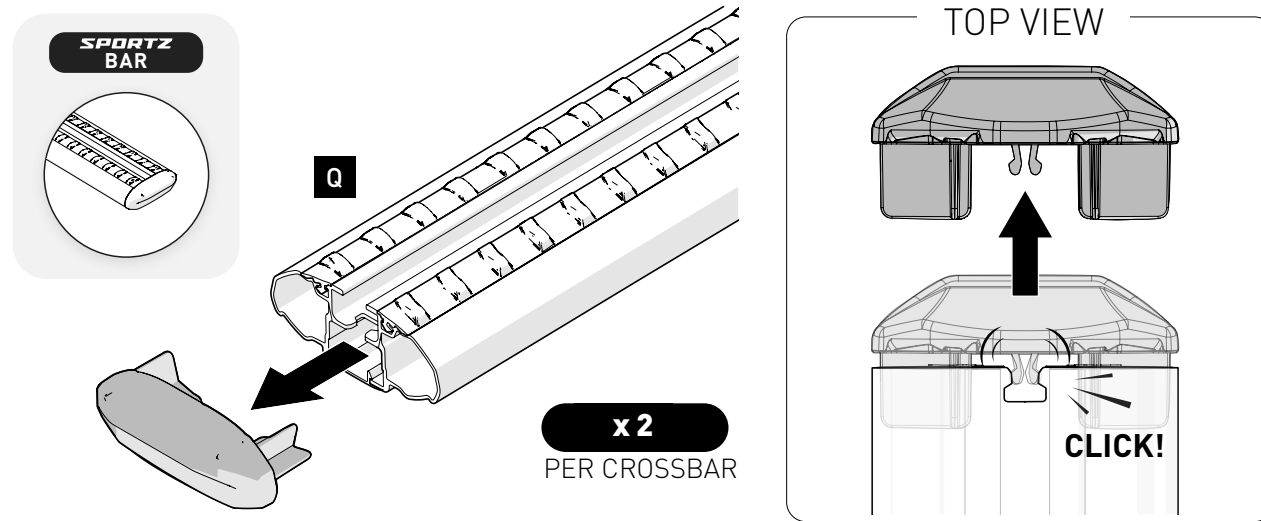
**LEG LOCATION LABELS F**

Place labels to help identify the leg's location on the vehicle roof when re-fitting crossbars.

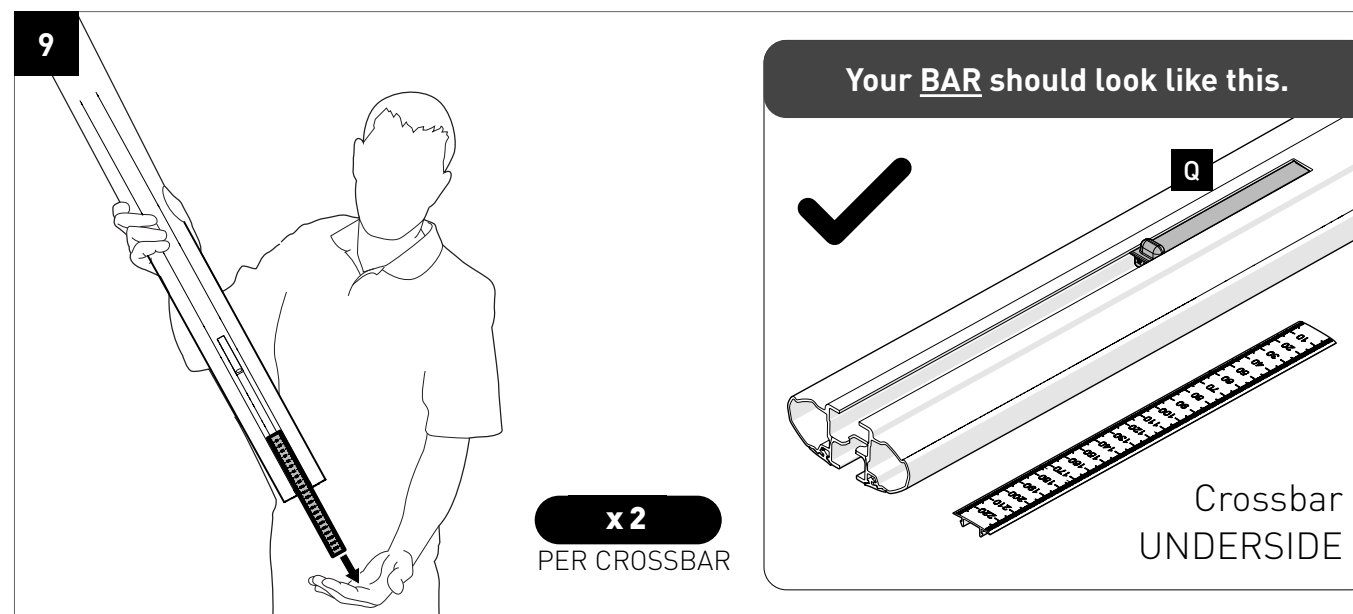


FOR **VA** BAR SKIP TO STEP. **24**

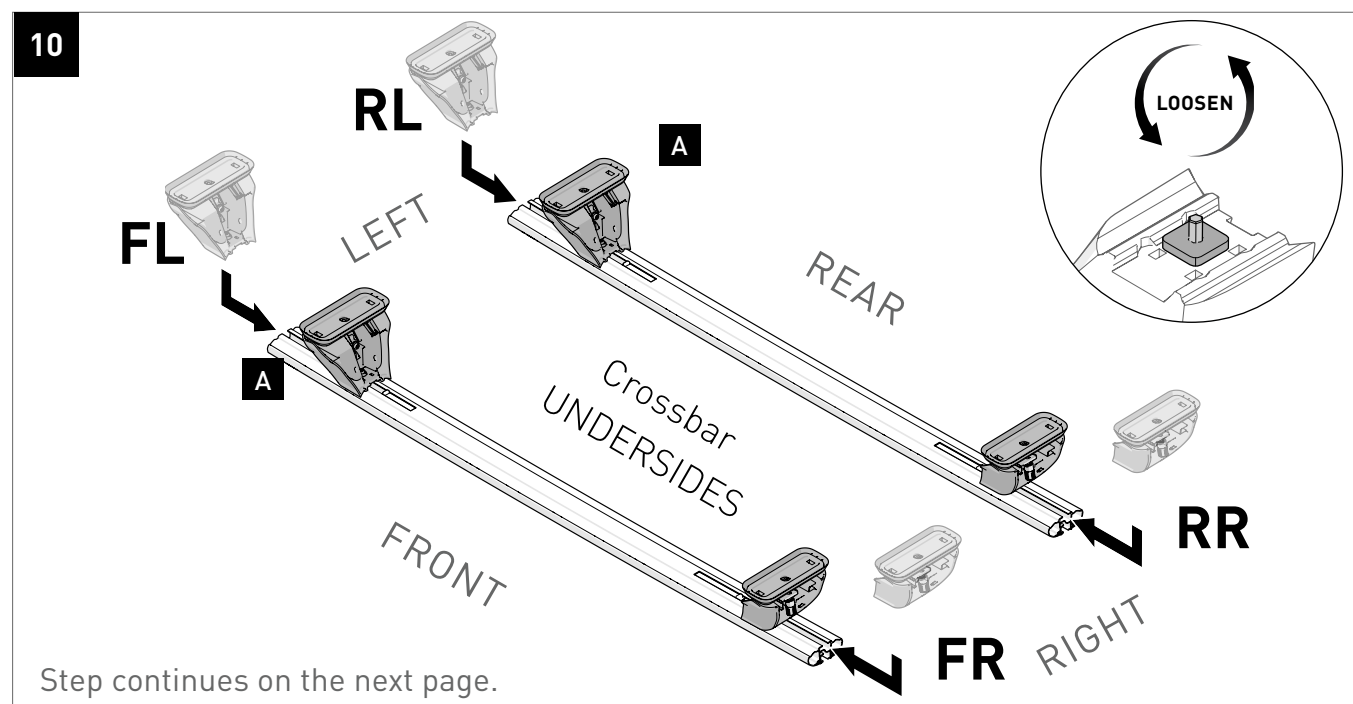
8



9

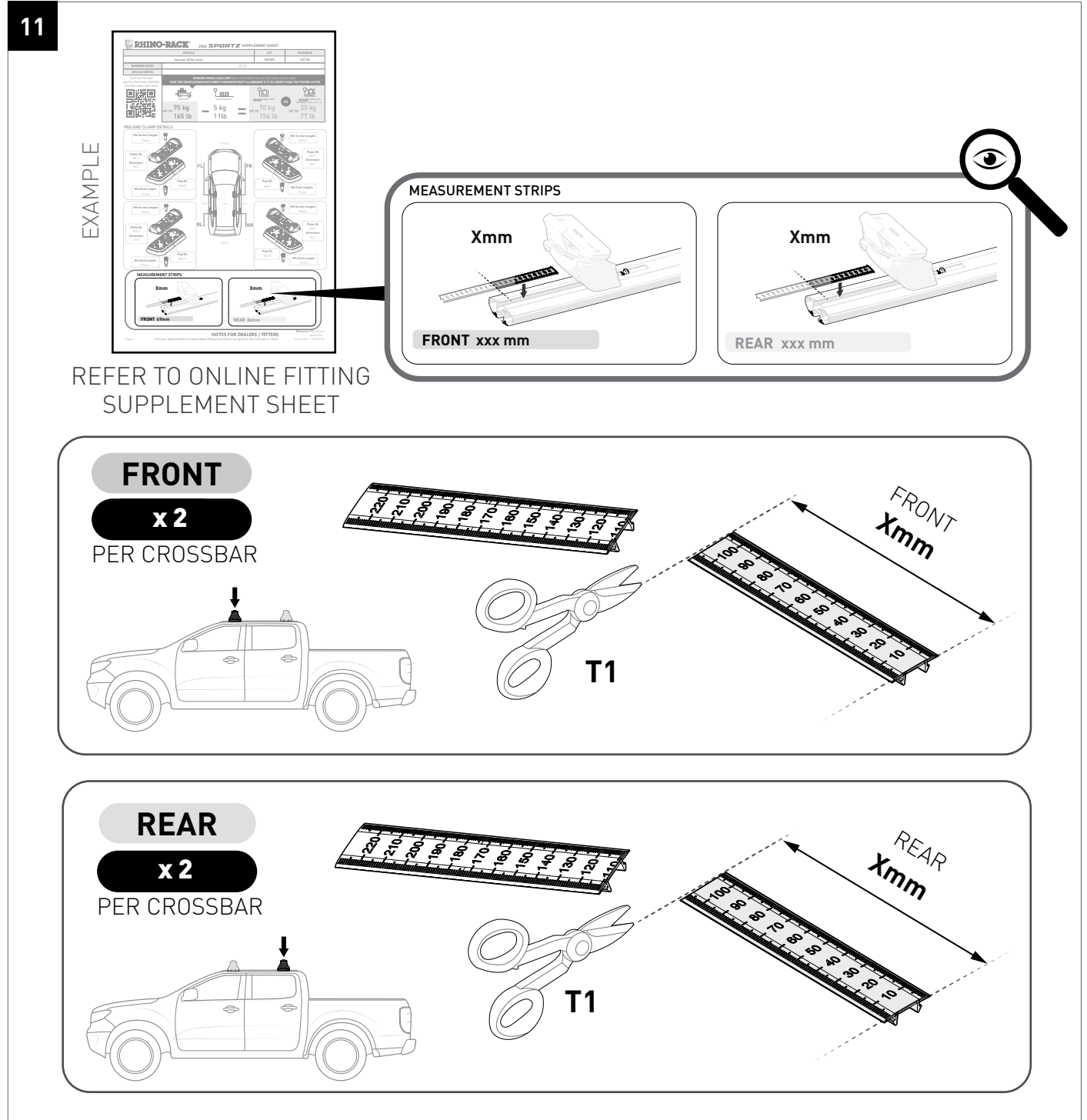


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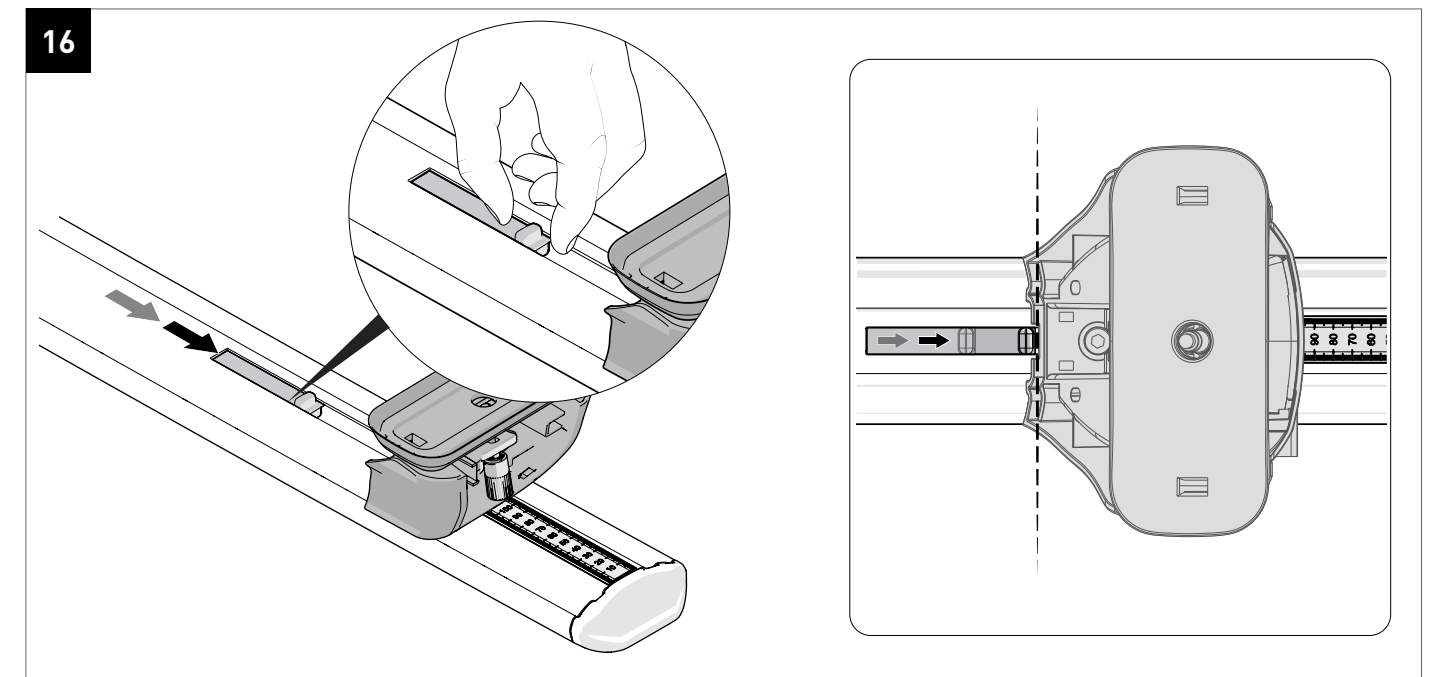
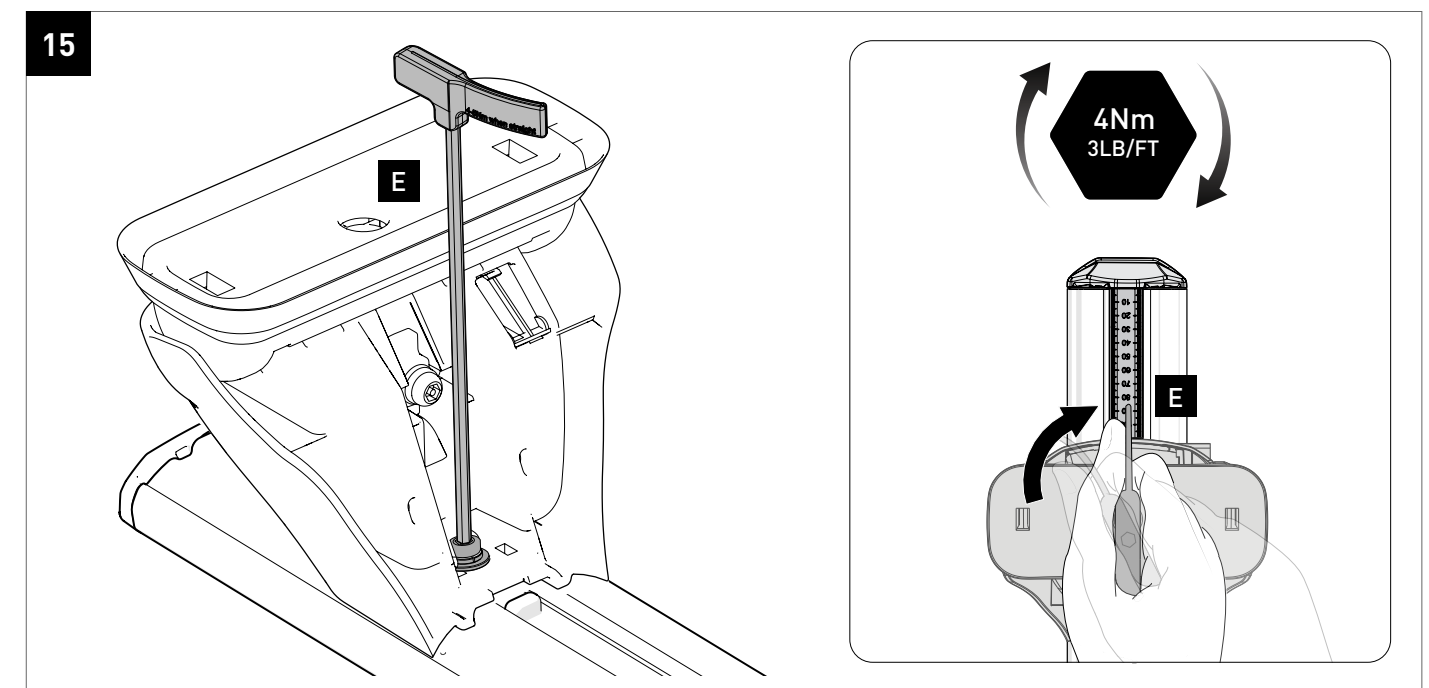
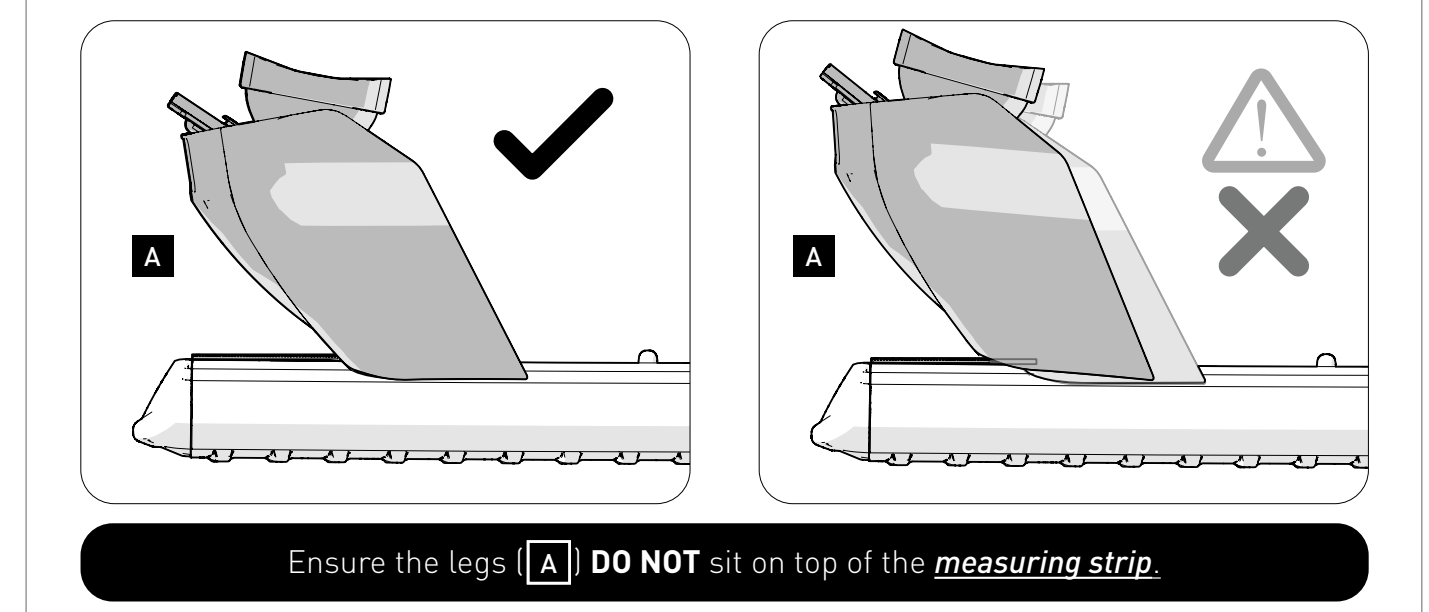
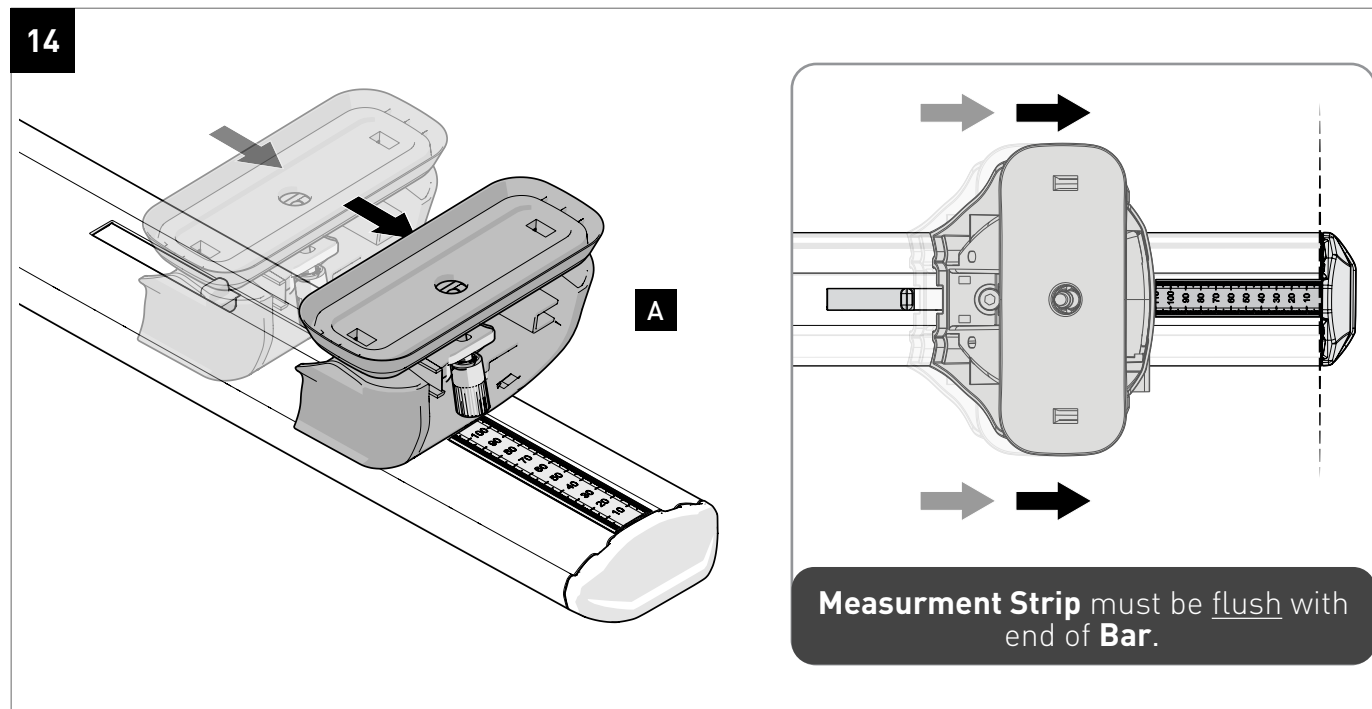
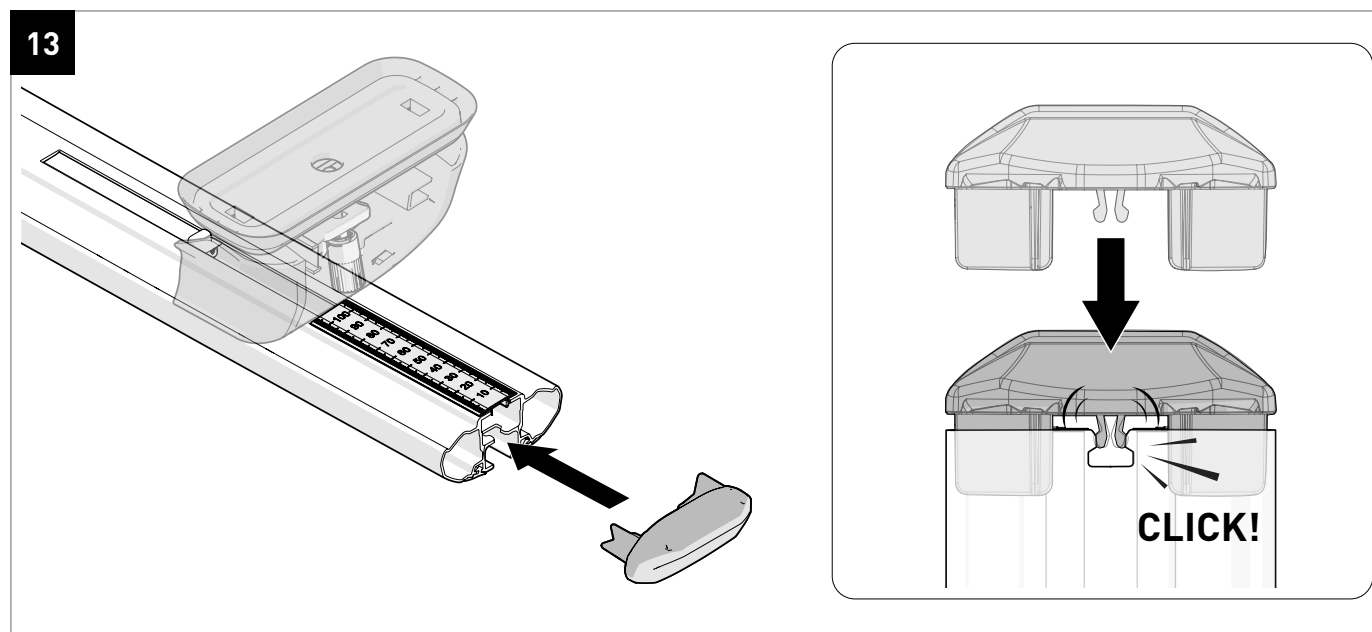
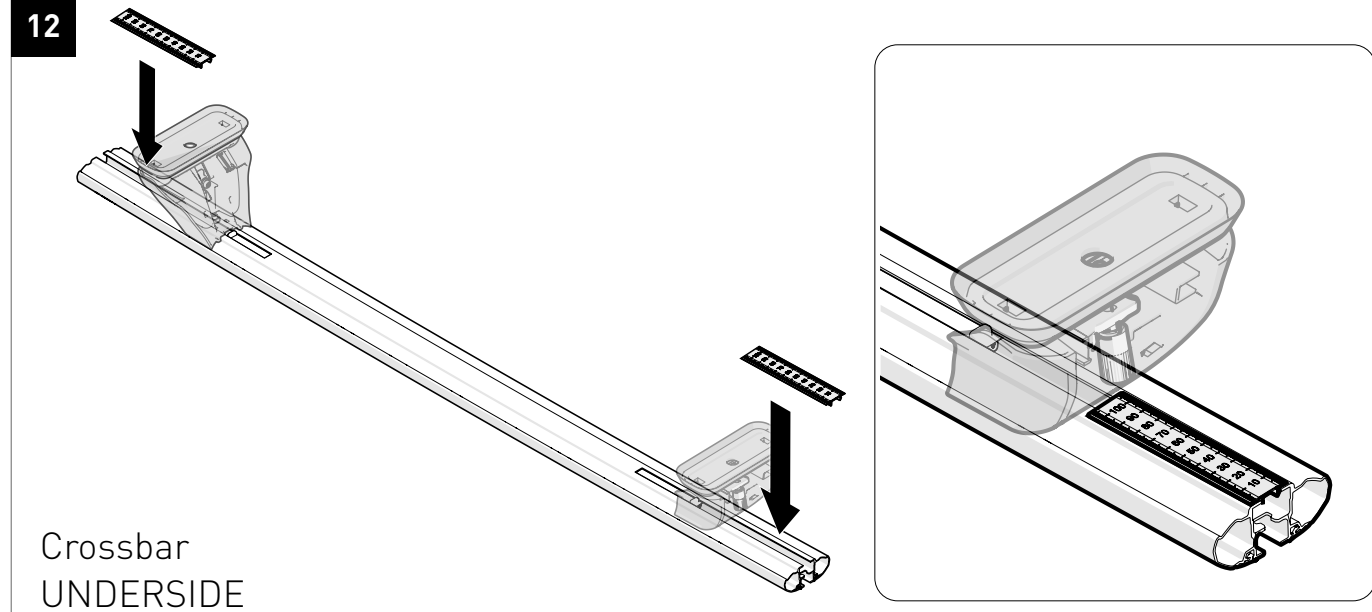


Step continues on the next page.

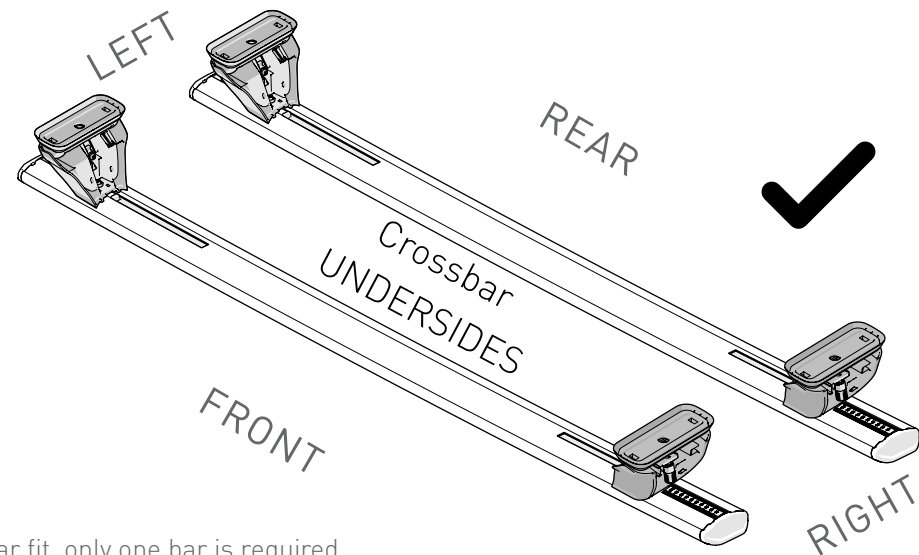
11



NOTE:
Ensure that the
Internal Slider is in
the bar.

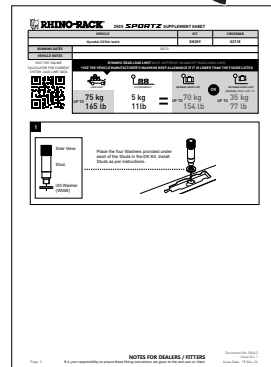
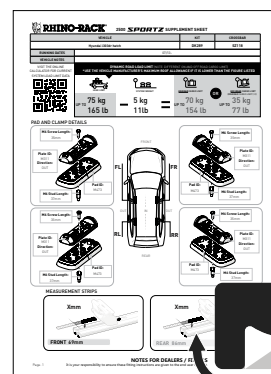


17



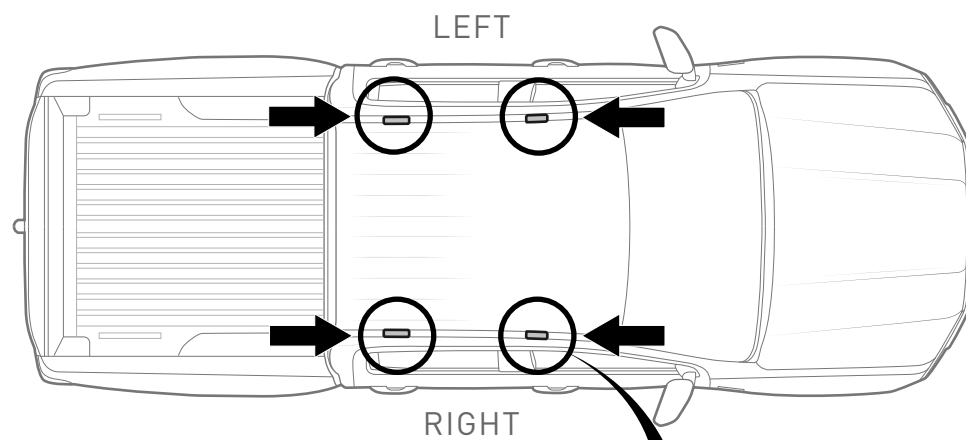
Note: If a single bar fit, only one bar is required.

18

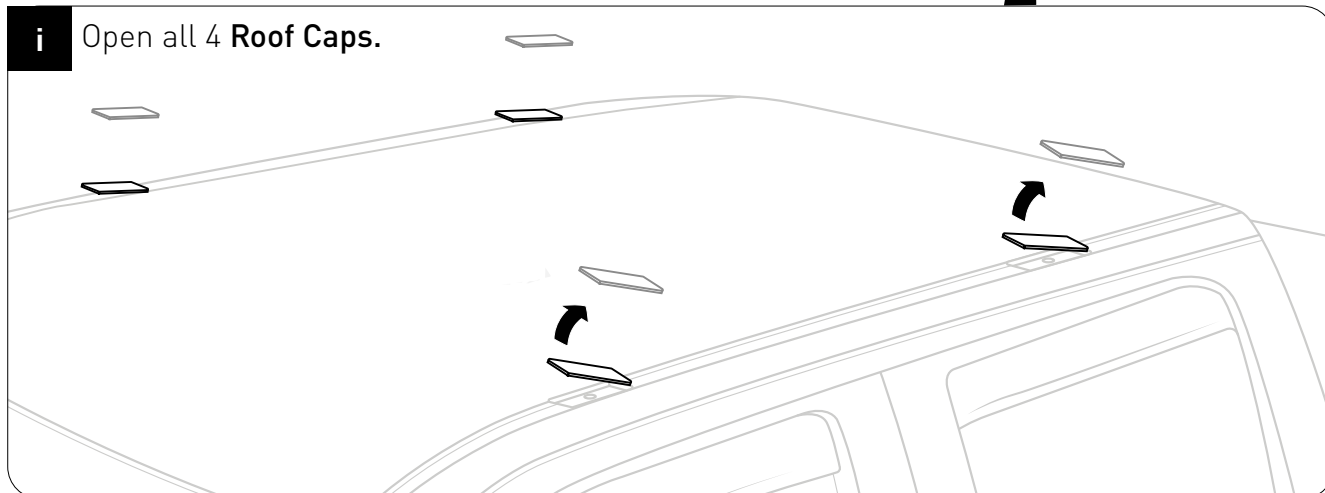


NOTE

Check to see if your supplement sheet includes an **extra page** explaining how to access your vehicle-specific fixed point attachments.

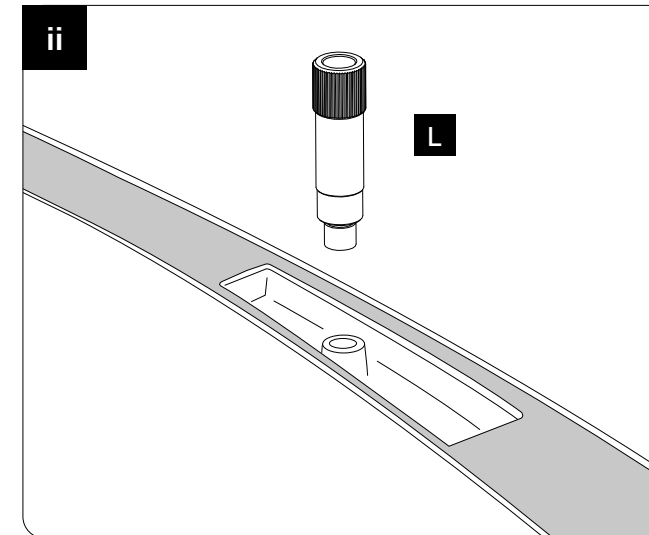


i Open all 4 Roof Caps.

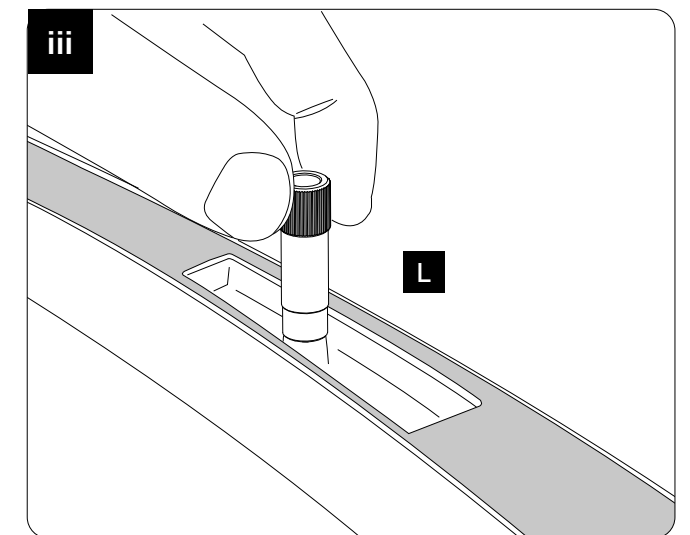


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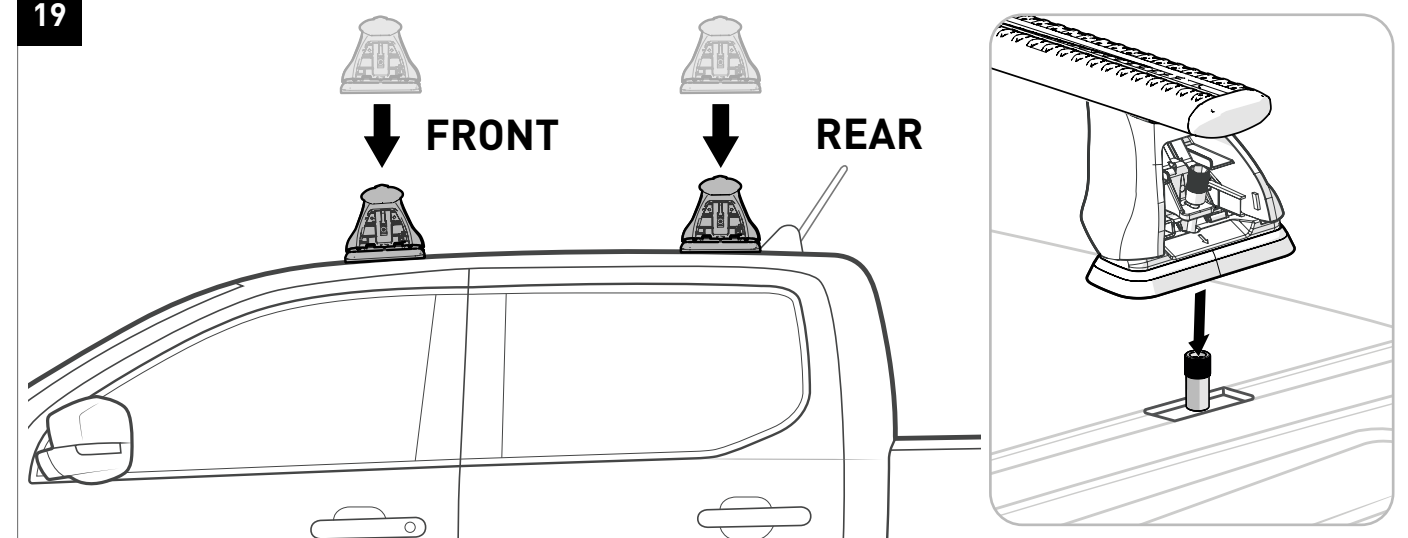
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iii

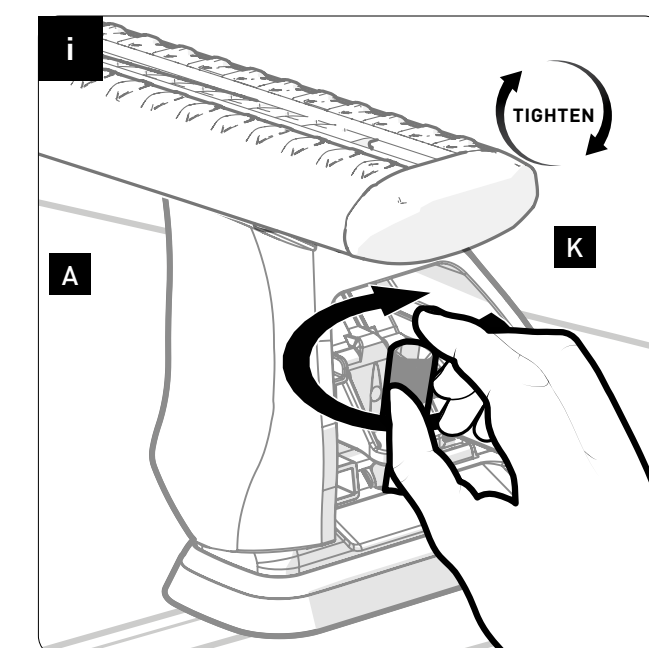


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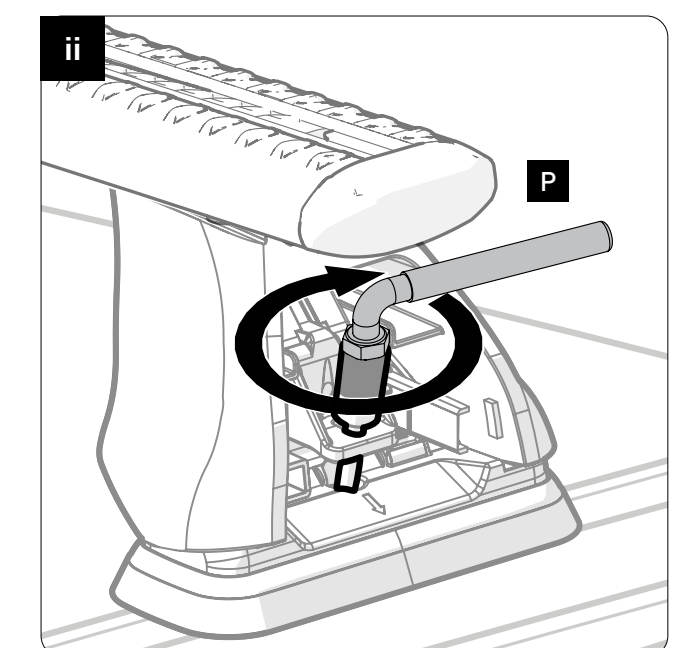


20

i

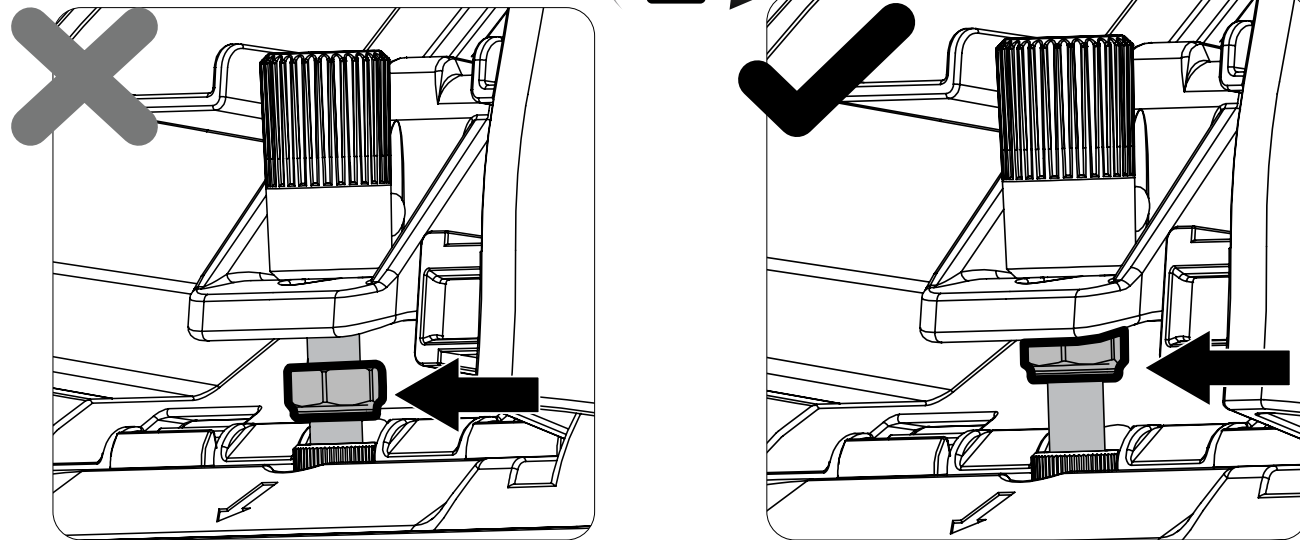


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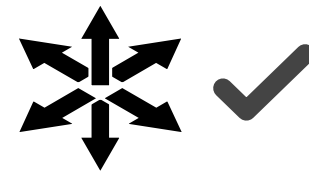


21 Tighten Lock Nut using T4

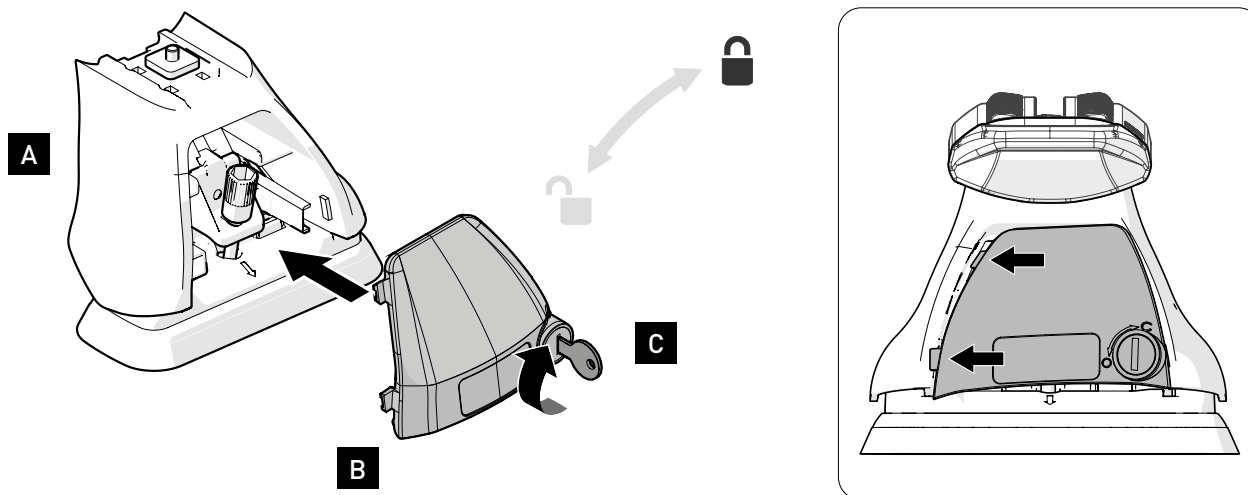
1-2Nm
0.7-1.5LB/FT



22 Check fitment is secure



23



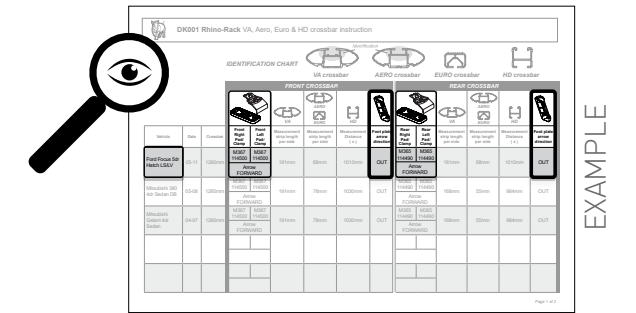
SPORTZ Bar Installation Complete.

24

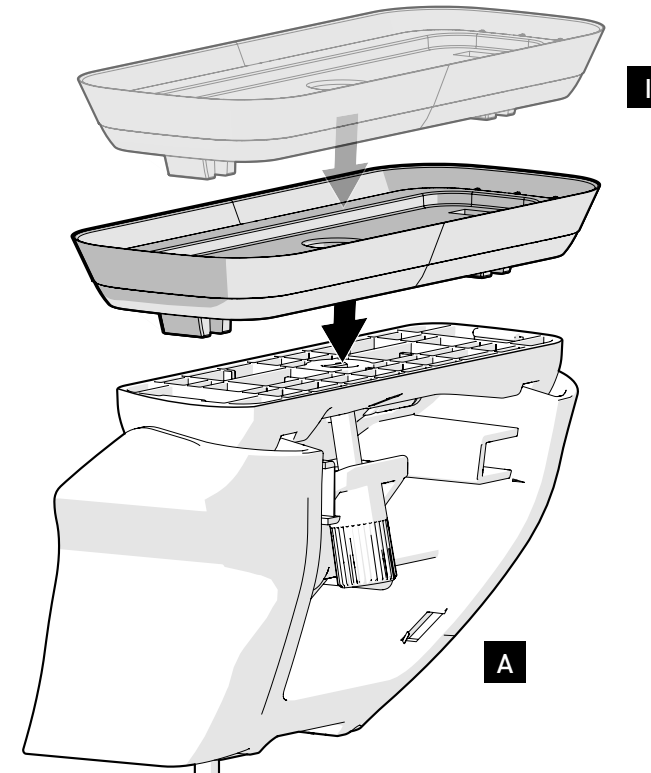


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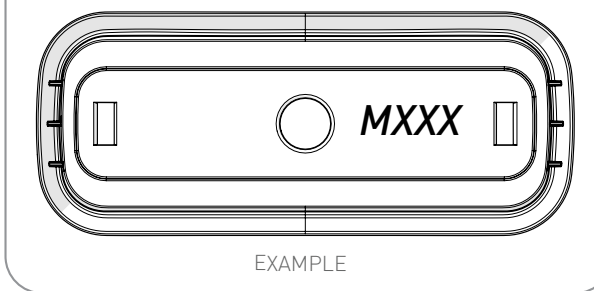
IMPORTANT NOTE:
Refer to **Page. 05** to find your supplement sheet, or follow this link to the "Fit My Vehicle" journey online.



OR REFER TO ONLINE FITTING INSTRUCTION

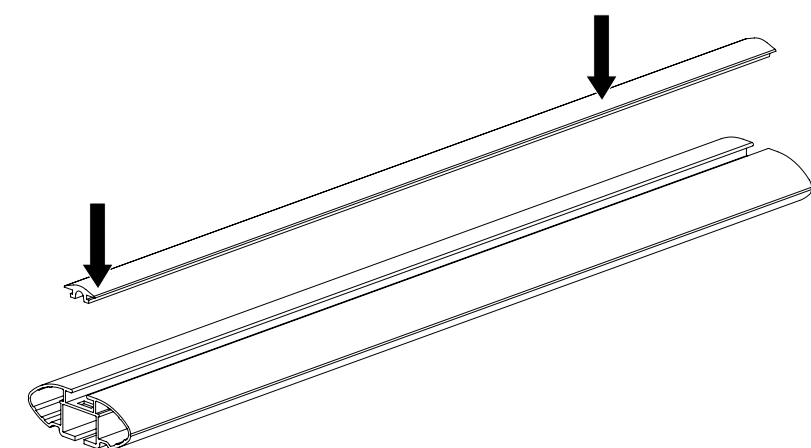


PAD I UNDERSIDE:

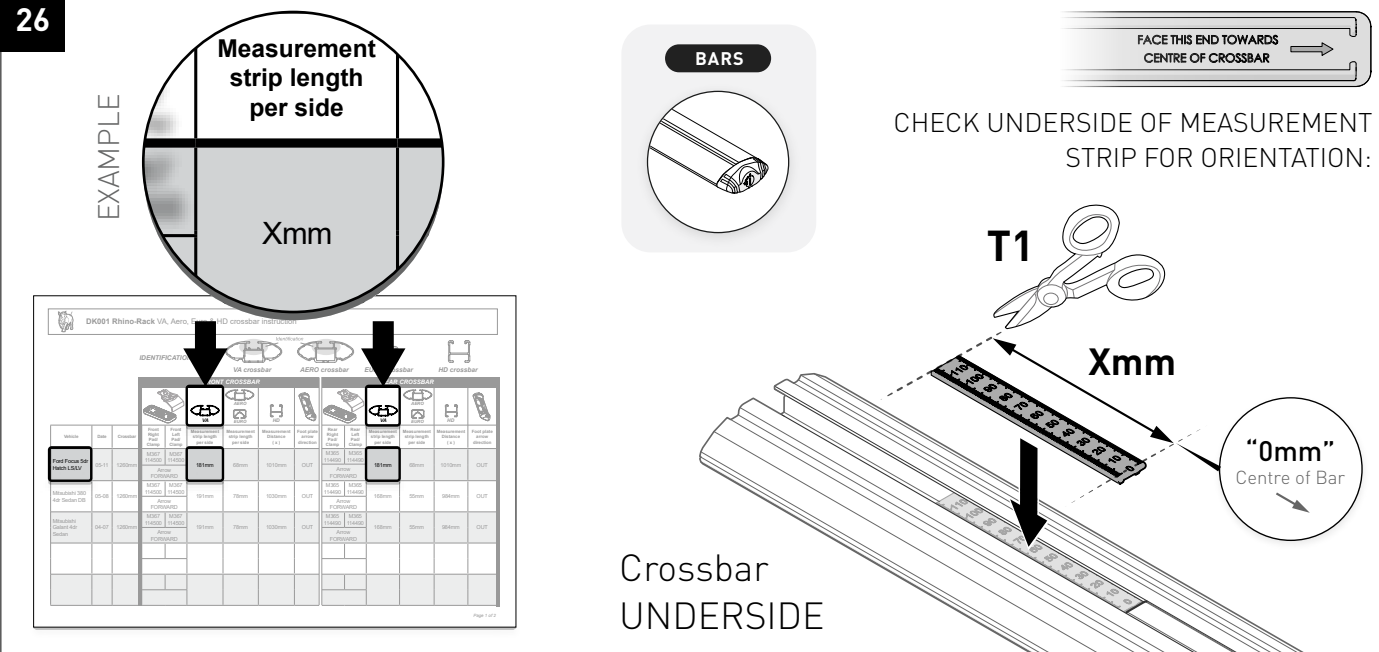


EXAMPLE

25 Insert crossbar rubber. Refer VA kit for parts.

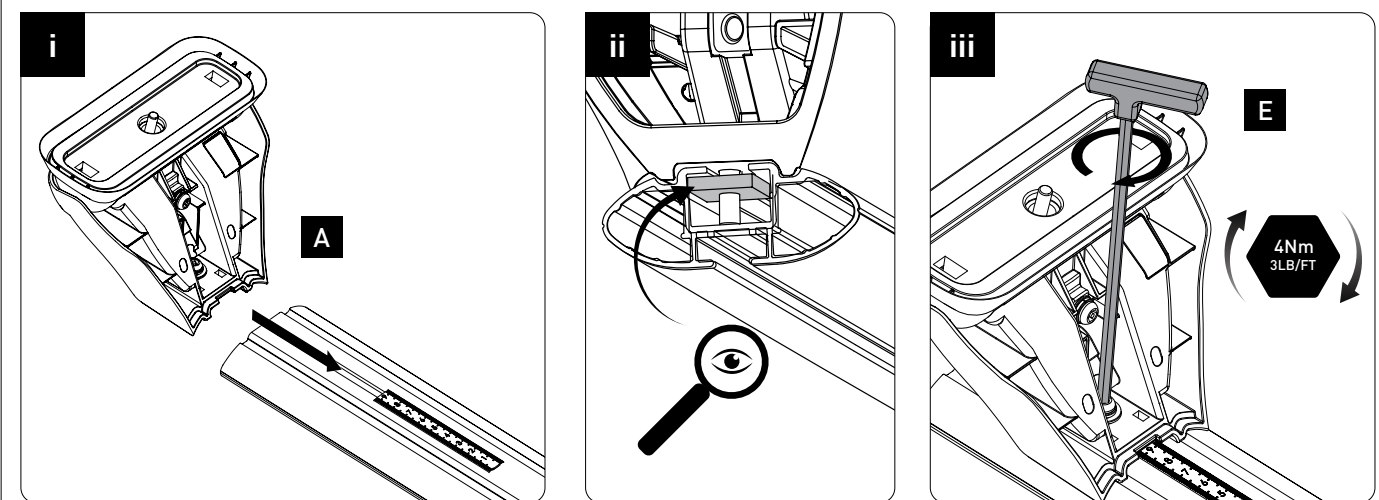


26



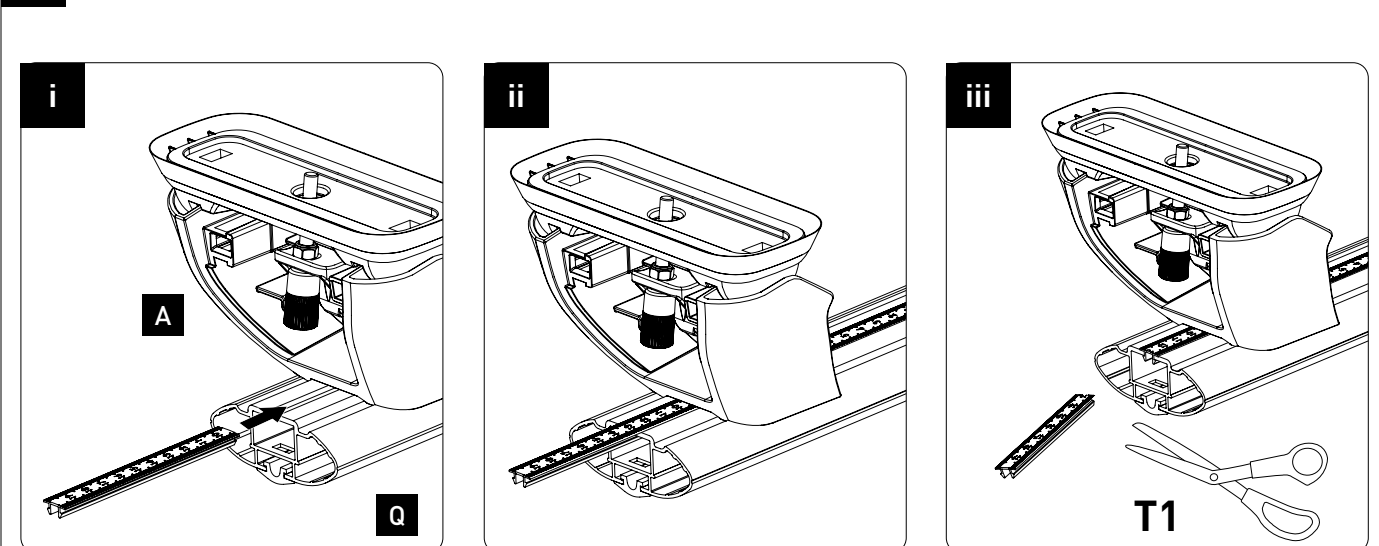
27

Tighten M6 screw with Allen key provided to 4 Nm (35 lbf.in).



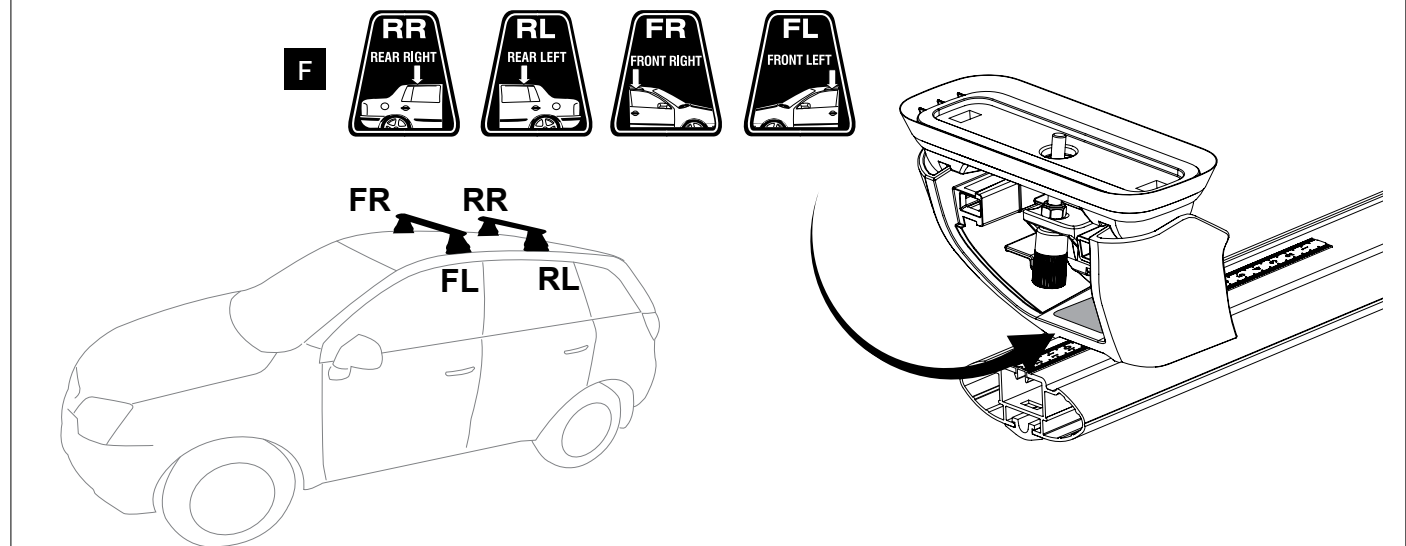
28

Fit remaining measurement strip.



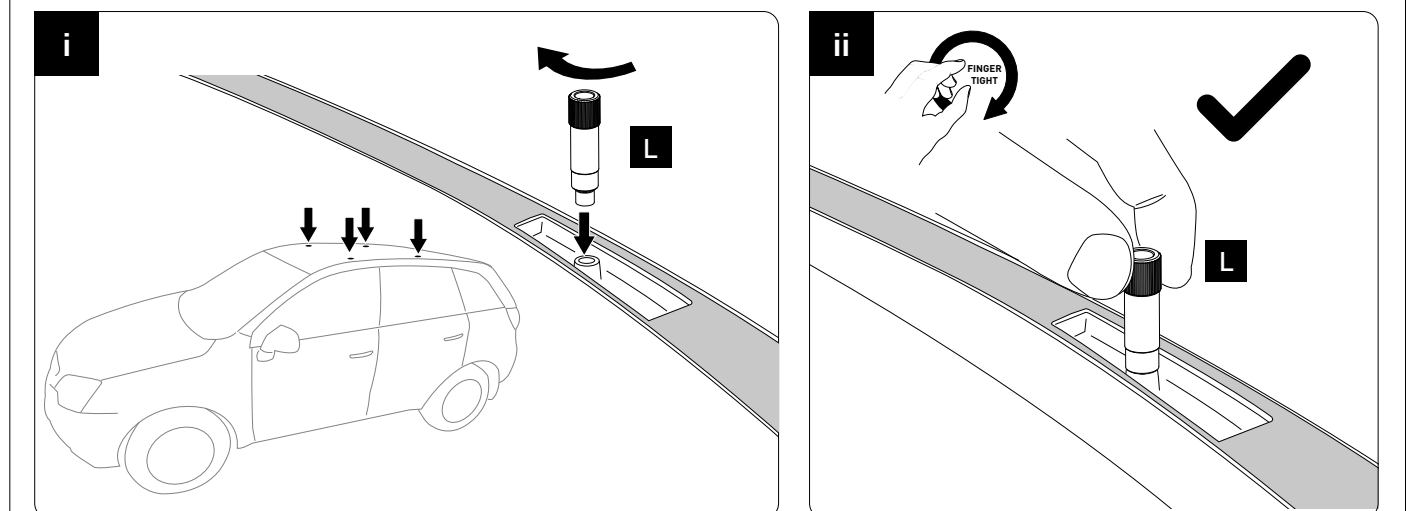
29

Attach location decals.

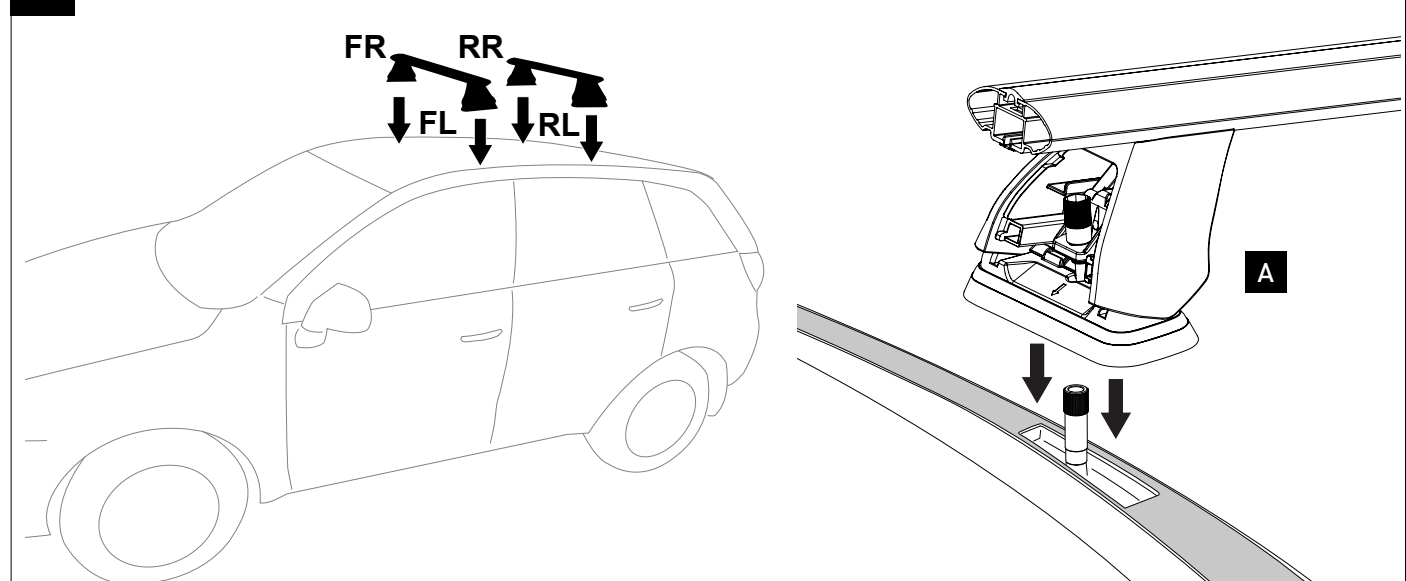


30

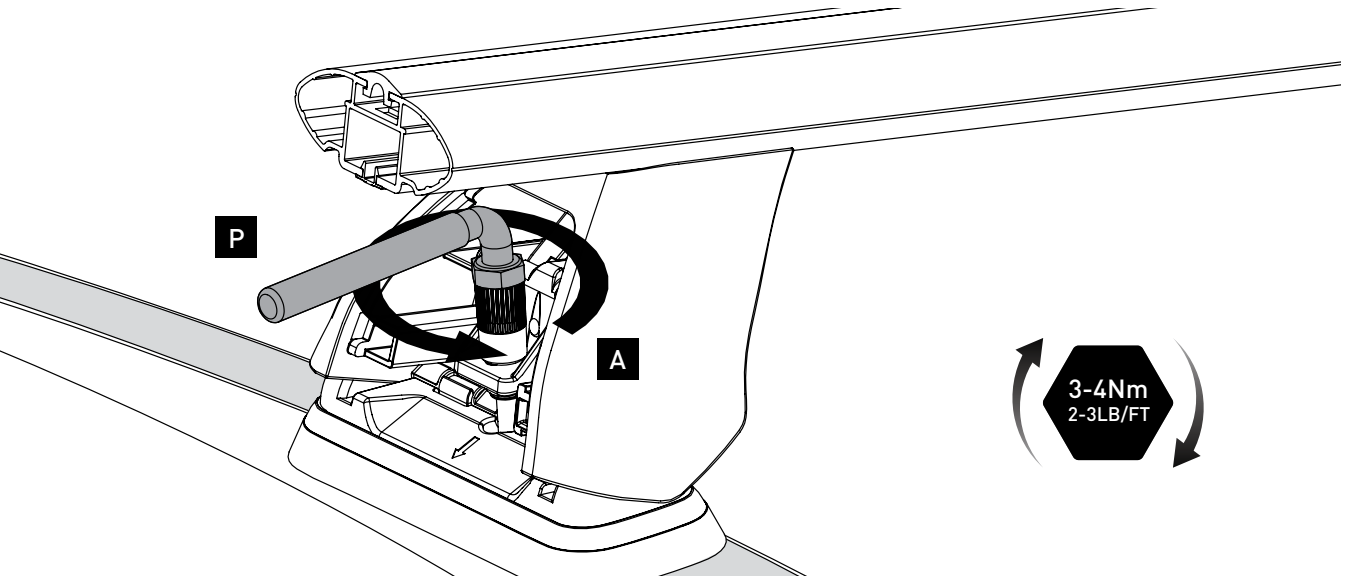
Open Roof Caps and Attach **4 Studs**. (Finger tighten only.)



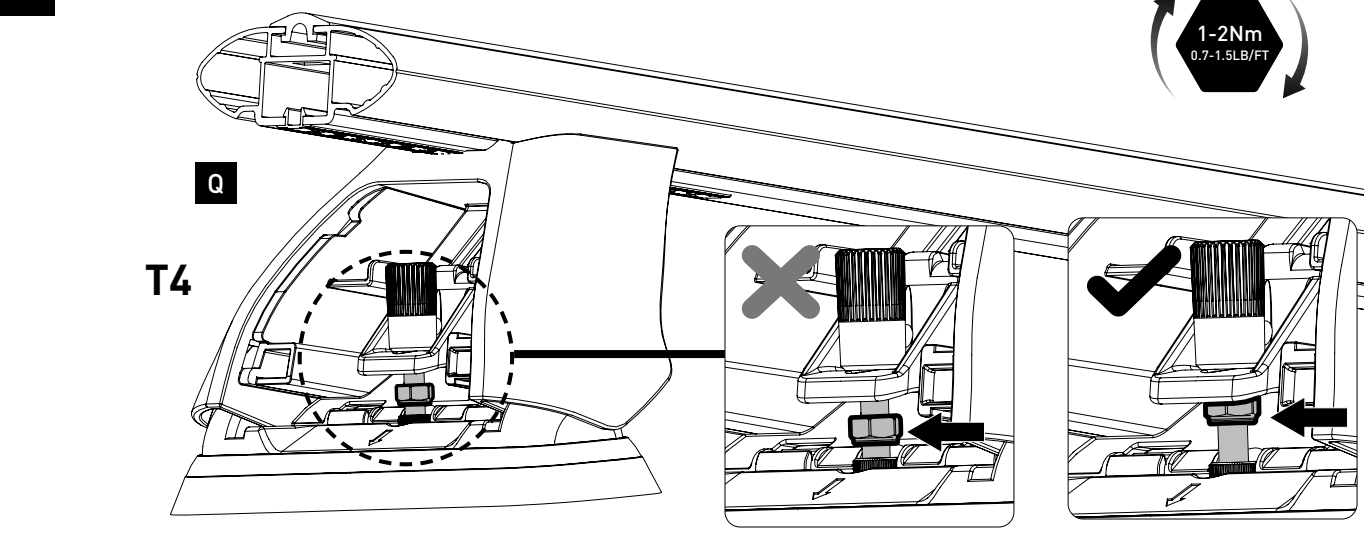
31



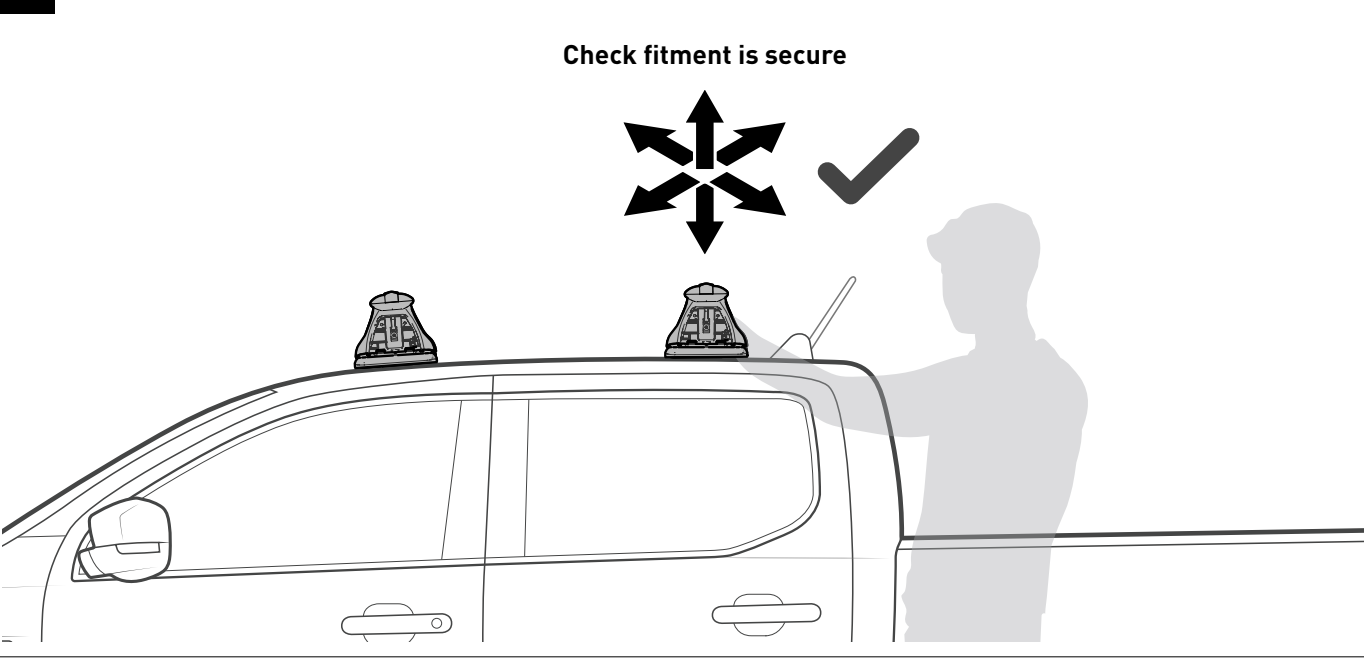
32 Attach crossbars. Tighten plastic bolt housing alternating both sides. Tighten to 3-4 Nm.



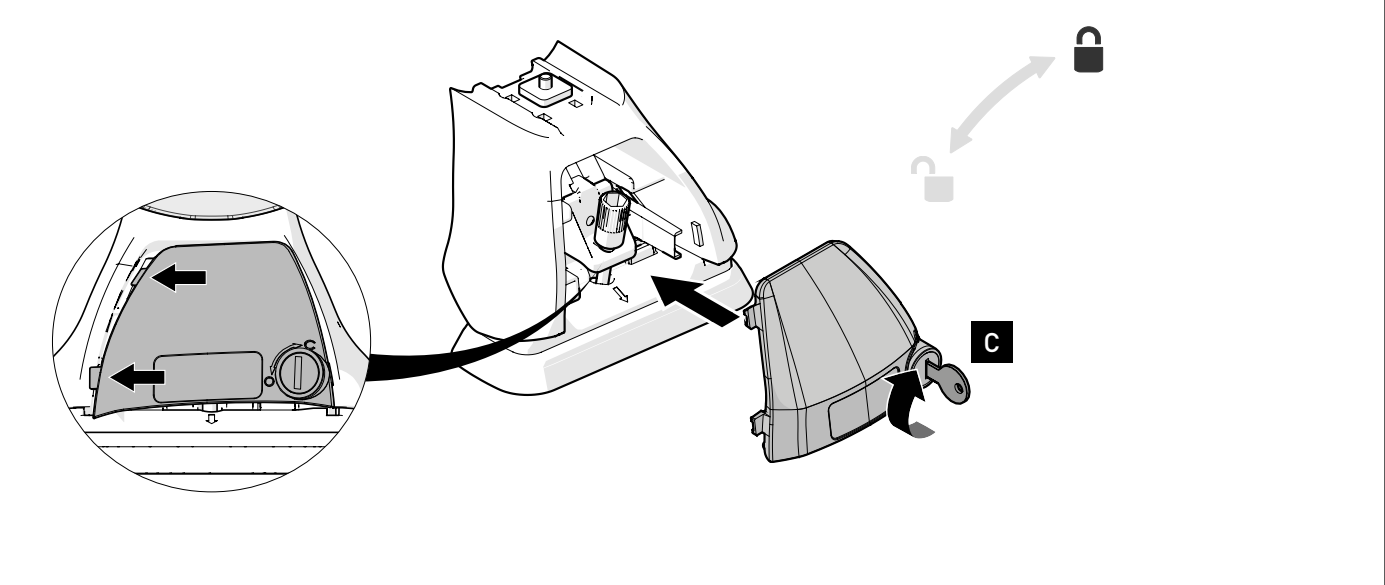
33



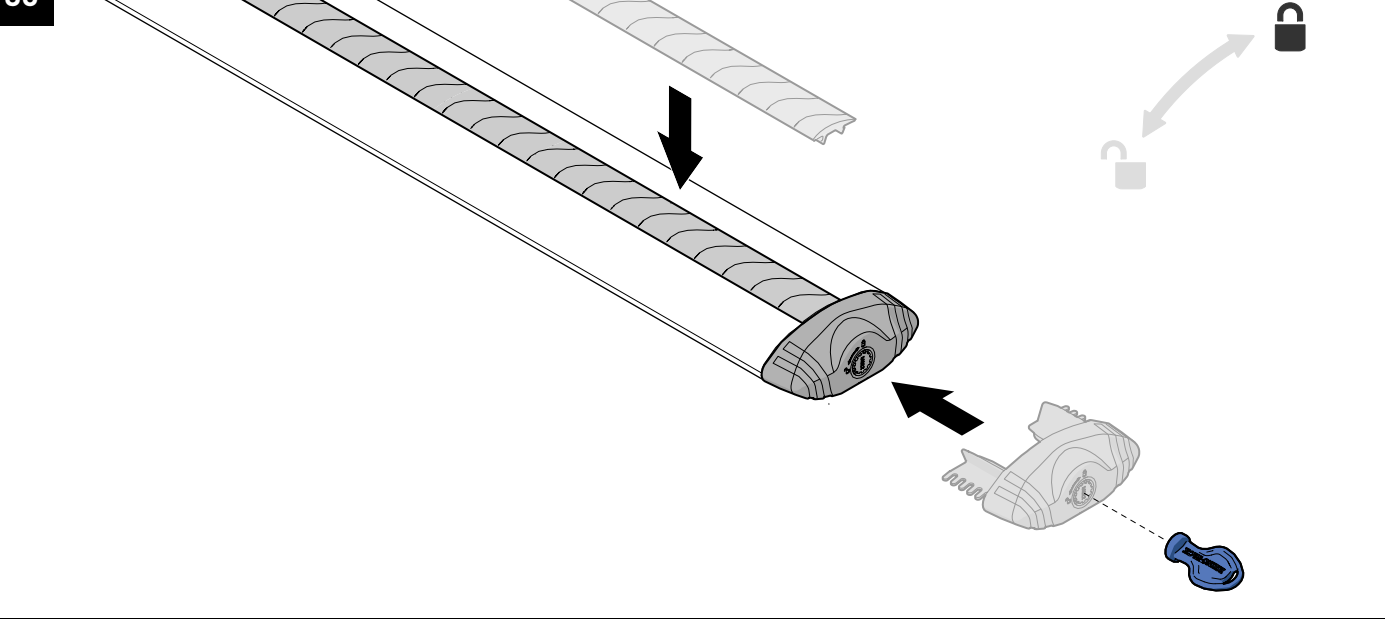
34



35 Attach front cover.



36



 **Vortex Bar Installation Complete.** 

NOTES

NOTES



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Eastern Creek, NSW, 2766

Rhino-Rack USA

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Aurora, CO, 80011