

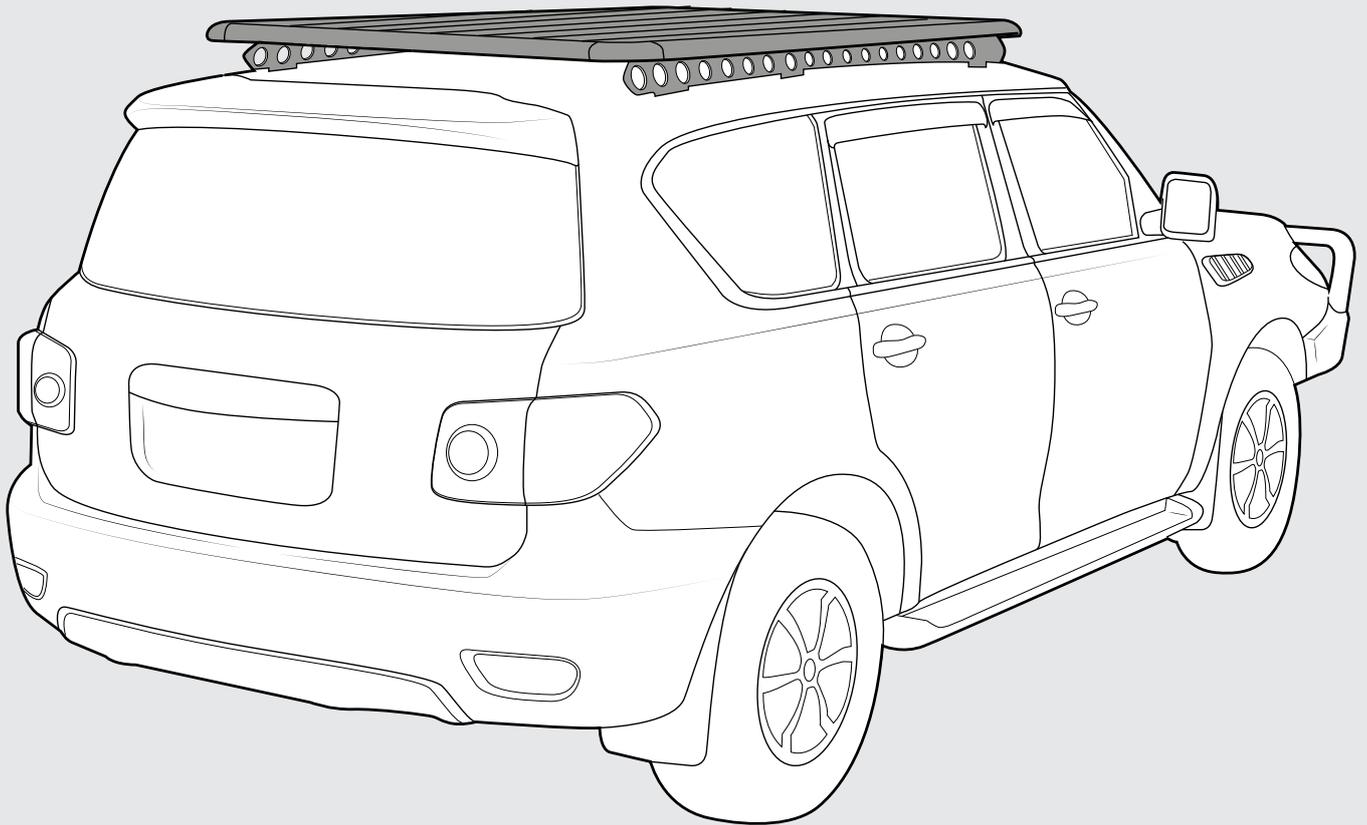
RHINO-RACK®

NISSAN Patrol Y62 / NISSAN Armada RNPB1

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.

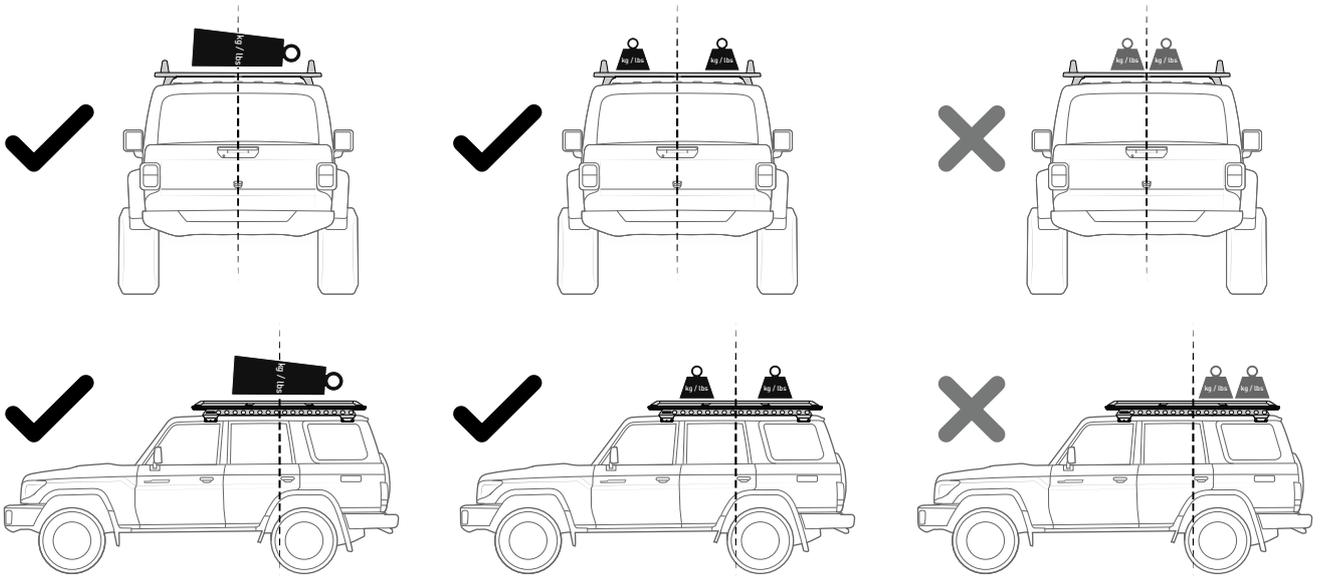
Fit Time: 2 hours



Rhino-Rack AUSTRALIA
22A Hanson Pl,
Eastern Creek, NSW, 2766
(02) 8846 1900
rhinorack.com.au

Rhino-Rack USA
Unit D, 2450 Airport Blvd,
Aurora, CO, 80011
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rhinorack.com

Document No: R1089
Issue No: 05
Issue Date: 22/06/2022

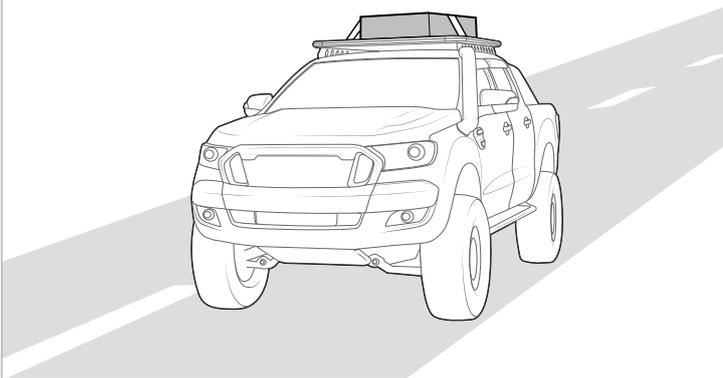


Distribute loads evenly and laterally/longitudinally as low as possible over the span.

Avoid point loads concentrated at the front or rear.

Exercise extreme care when transporting wind-resistant loads. Special consideration must be taken when cornering and braking.

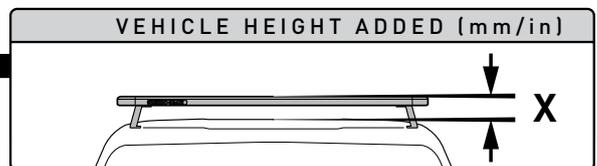
Off-road conditions can be much more rigorous. Extreme care must be taken on any driven path that does not contain a surface protection layer (tar/bitumen).



For additional Pioneer Vehicle Fitting Information refer to your vehicle's online supplement sheet.

RHINO-RACK PIONEER VEHICLE FITTING INFORMATION

VEHICLE	PIONEER	CONNECTOR	HEIGHT ADDED (mm/in)					
			XXX/XX					
VEHICLE NOTES: - Do not operate sunroof								
REGION	AUS	NZ	USA	CA	SA	UK	EU	ZA
AVAILABILITY	✓	✓	x	x	x	x	x	✓
RUNNING DATES	2015 -	2015 -	-	-	-	-	-	2015 -

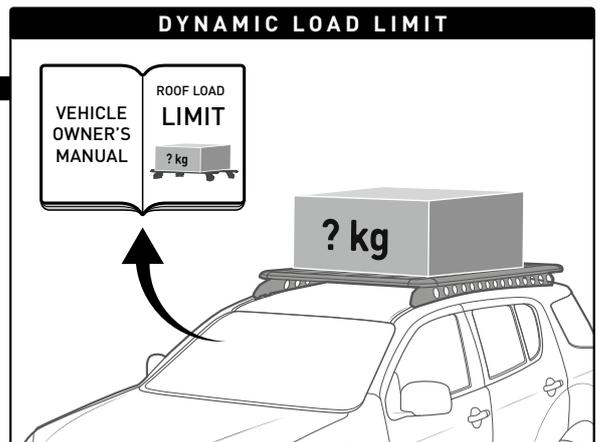


VISIT THE ONLINE CALCULATOR FOR CURRENT SYSTEM LOAD LIMIT DATA

DYNAMIC LOAD LIMIT (ON AND OFF-ROAD)
 *USE THE VEHICLE MANUFACTURER'S MAXIMUM ROOF ALLOWANCE IF IT IS LOWER THAN THE FIGURE LISTED

UP TO **XXX Kg** / **XXX lbs**
 +
 XX Kg / **XX lbs**
 =
 UP TO **XXX Kg** / **XXX lbs**
 *VEHICLE MANUFACTURER'S ROOF LOAD LIMIT

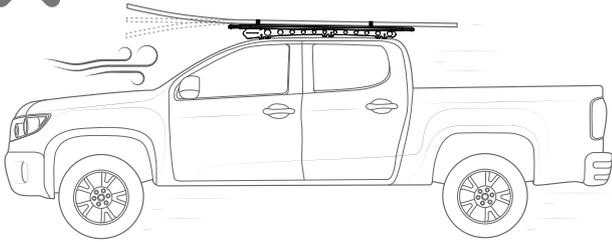
TOTAL STATIC LOAD LIMIT: UP TO



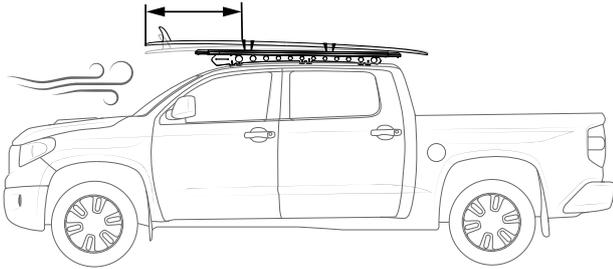
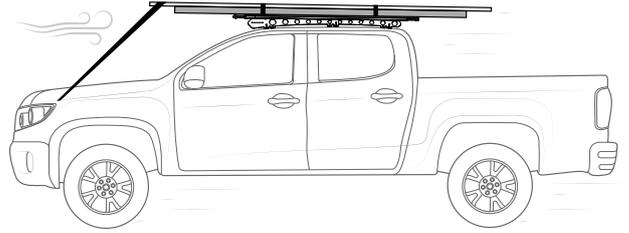
FRONT REAR

UNDERBAR SPACING

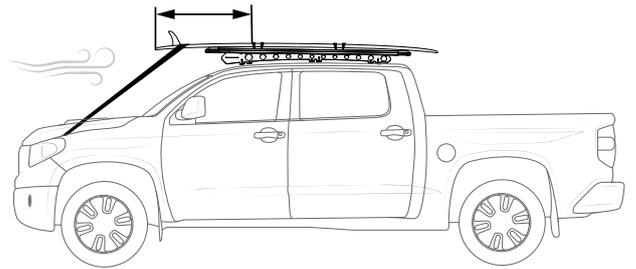
BAR NO.	A	B	C	E	F	G
DIMENSION (CM)						
SPACERS REQ'D						
CONNECTOR	BACKBONE		BACKBONE		BACKBONE	



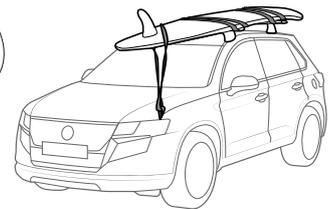
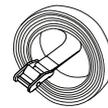
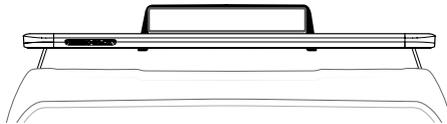
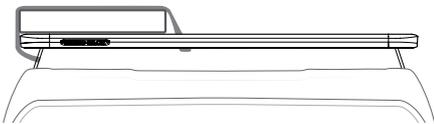
Long flexible loads must attach securely to rigid support and be tied down to the bonnet



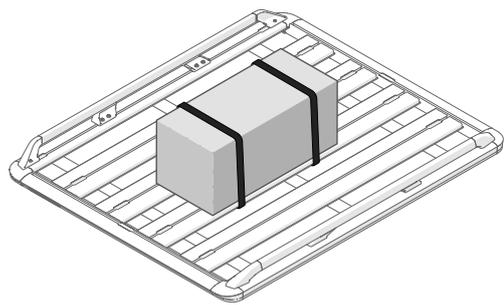
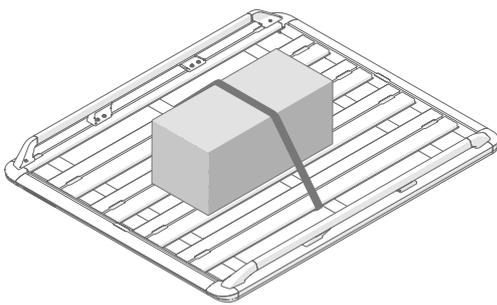
Surfboard Overhang > 600mm must be tied to the bonnet



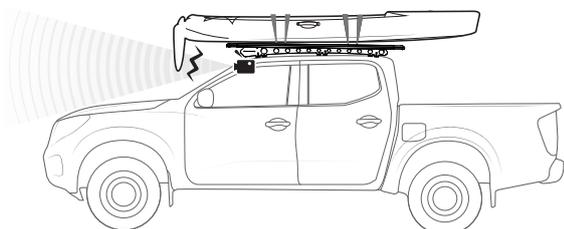
Loads must be tied down to Platform, **NOT** around Backbone



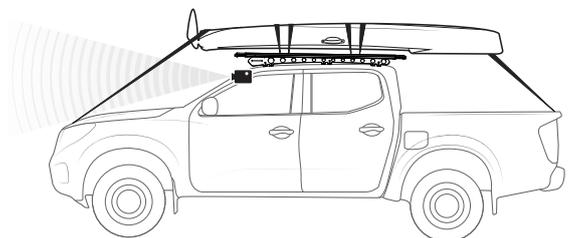
Use only non-stretch fastening ropes or straps to attach cargo to roof racks

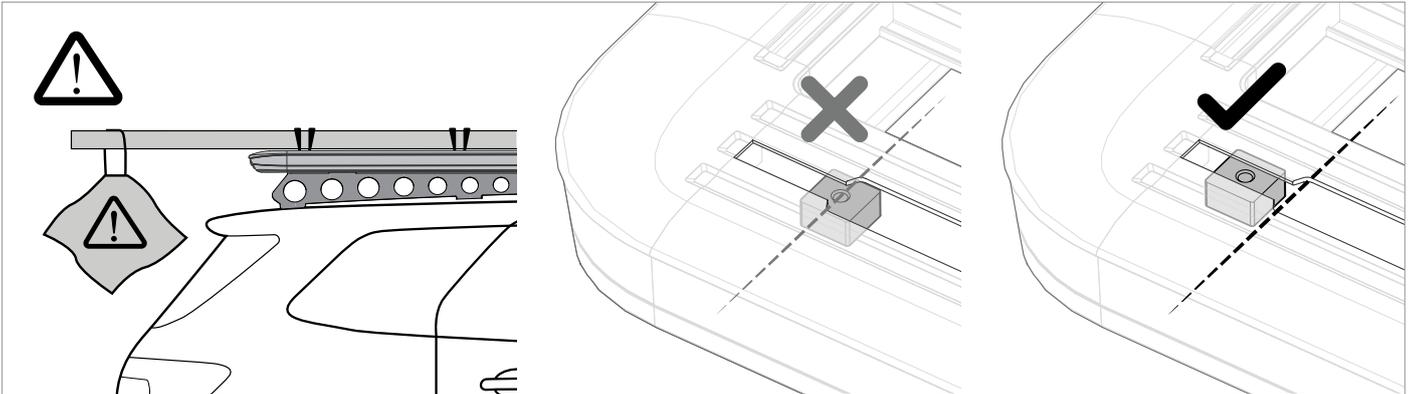
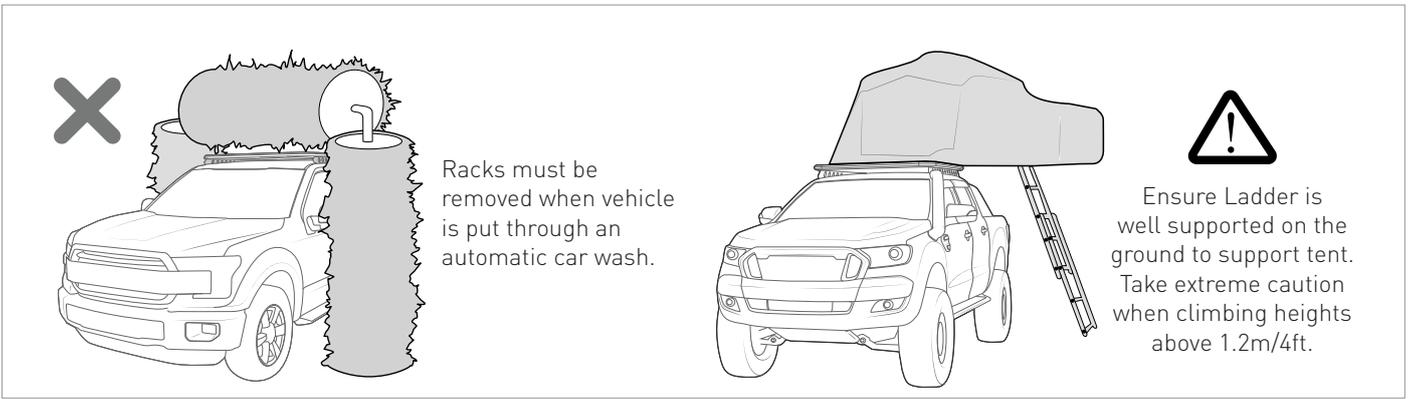


Do NOT obstruct windscreen camera sensors



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





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.

Parts List

Left Window Trimming Template Sticker

A x1

Right Window Trimming Template Sticker

B x1

Butyl Patch 45 x 25mm

C x12

Backbone Left

D x1

Backbone Right

E x1

M8 x 20mm Socket Head Cap Screw

F x12

M8 Spring Washer

G x18

M8 x 16 Flat Washer

H x12

Short 6mm Allen Key

I x1

Pioneer NG Bolt Kit
(For 5XXXX Pioneer only)

J x6

M8 x 20mm Hex Setscrew
(For 4XXXX Pioneer only)

K x6

M8 x 24 mm Flat Washer
(For 4XXXX Pioneer only)

L x6

M8 Channel Nut
(For 4XXXX Pioneer only)

M x6

Instruction

N x1

TOOLS REQUIRED:

- T1 - Metal Pick
- T2 - T30 Torx Key
- T3 - Trim tool
- T4 - 13mm Socket Wrench / Spanner
- T5 - Cleaning Rag
- T6 - Ruler
- T7 - Power Drill
- T8 - Drill Stop
- T9 - 2mm Drill Bit
- T10 - 10mm Drill Bit
- T11 - Marker / Pencil
- T12 - Dremel with 24mm Cut Off Wheel
- T13 - Vacuum
- T14 - Philips Head Screwdriver
- T15 - Caulking Gun with Butyl Mastic
- T16 - 6mm Ball End Allen Key

CONTENTS:

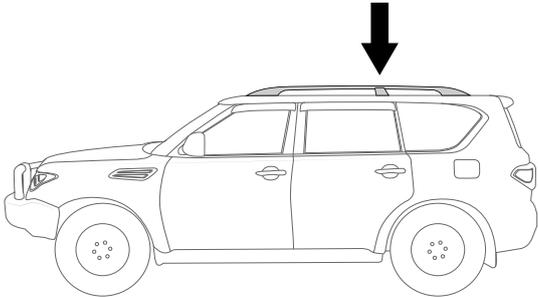
For **Factory Rail Variants**, complete Steps **1 - 16** and **18 - 27**

For **Bare Roof Variant**, complete Steps **17 - 27**

FACTORY RAIL REMOVAL (For **Bare Roof** Variants, skip to Step **17**)

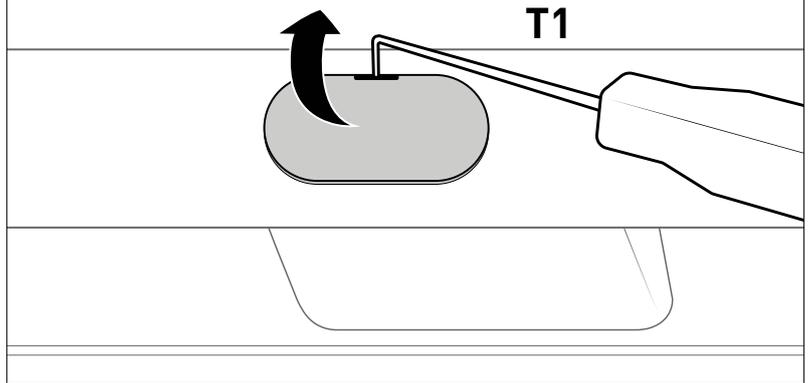
1

2021 Post-facelift Model depicted:
Steps may vary slightly for
Pre-facelift Models.

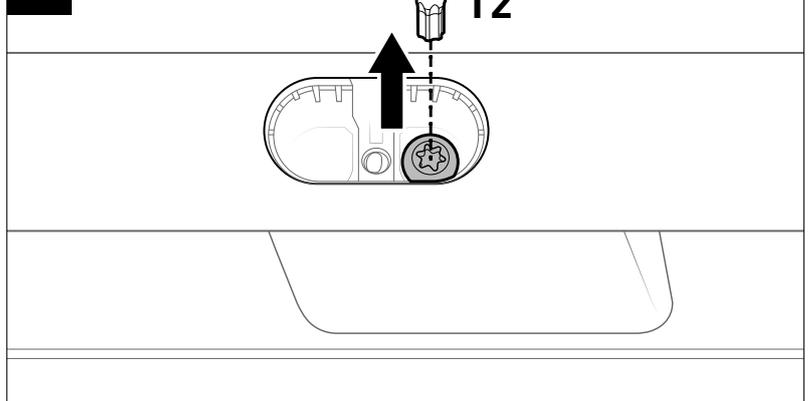


NOTE: Store hardware in a safe location.

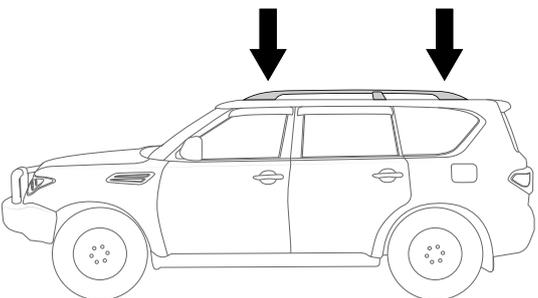
1a



1b

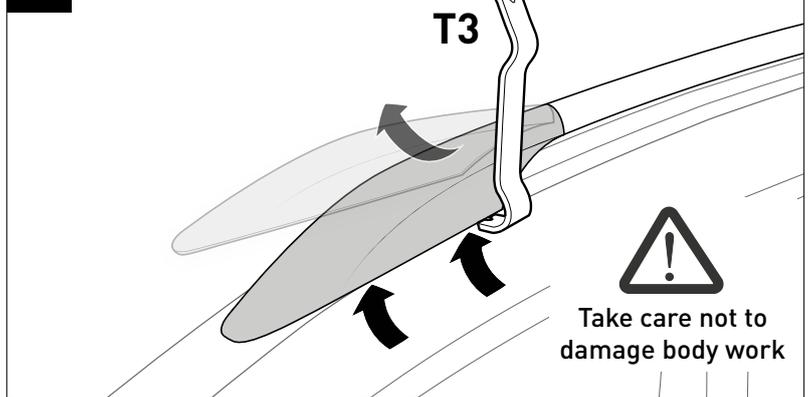


2

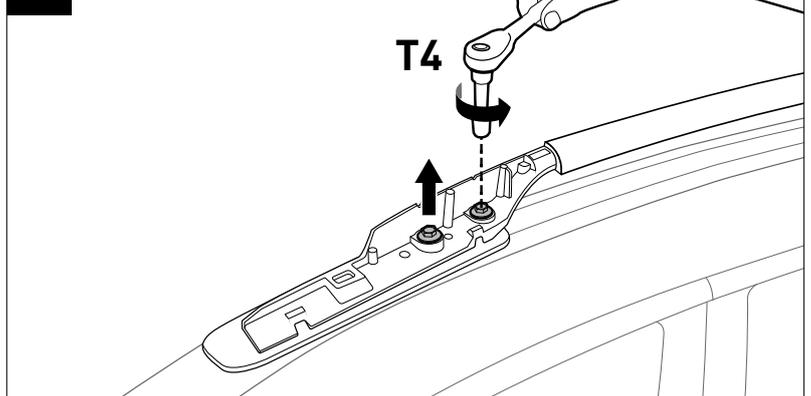


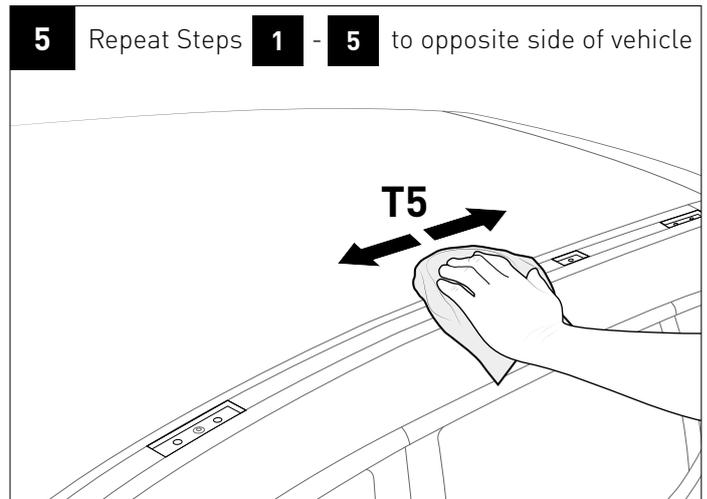
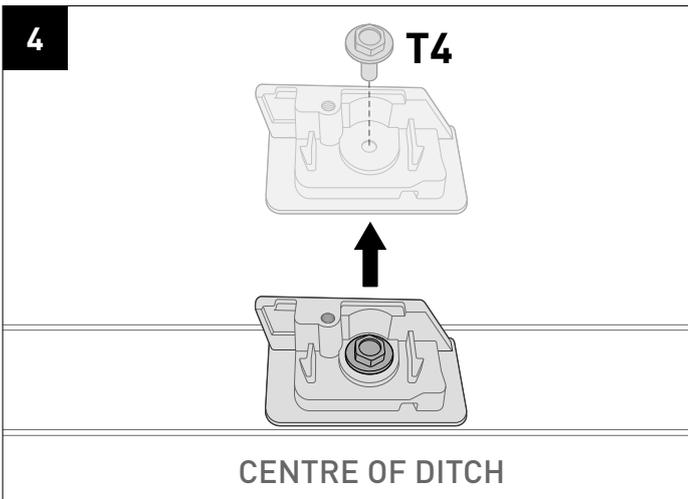
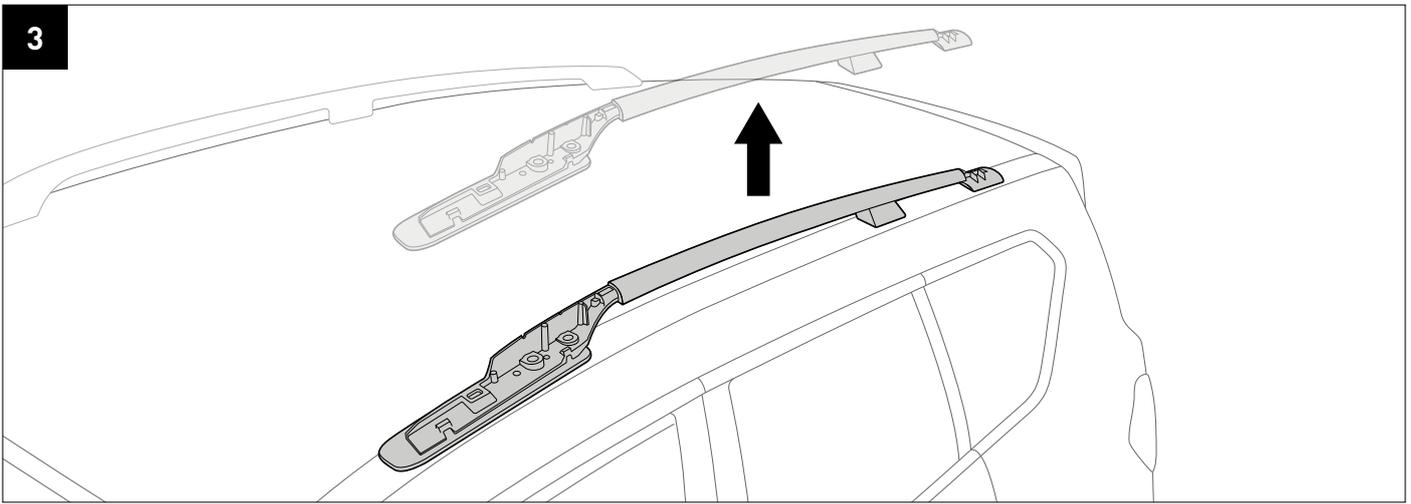
NOTE: Store rail covers and hardware in a safe location.

2a



2b

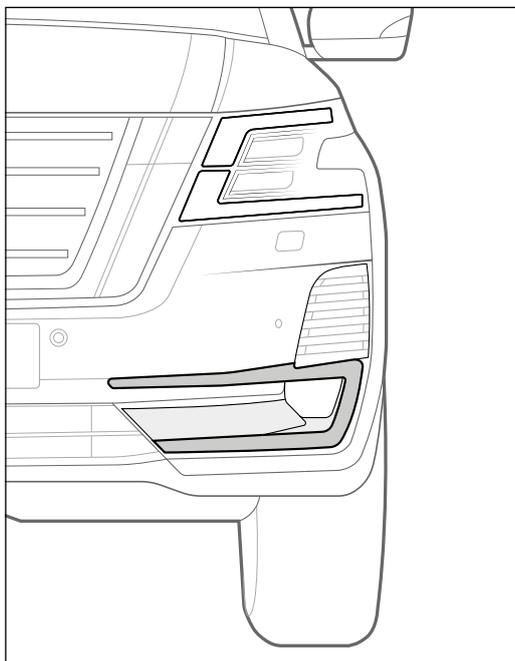




NOTE: Steps 6 to 16 apply to the Y62 Post-facelift (2021) Model only.

(For Pre-facelift Models, with two exposed threaded mounting holes, skip to Step 18)

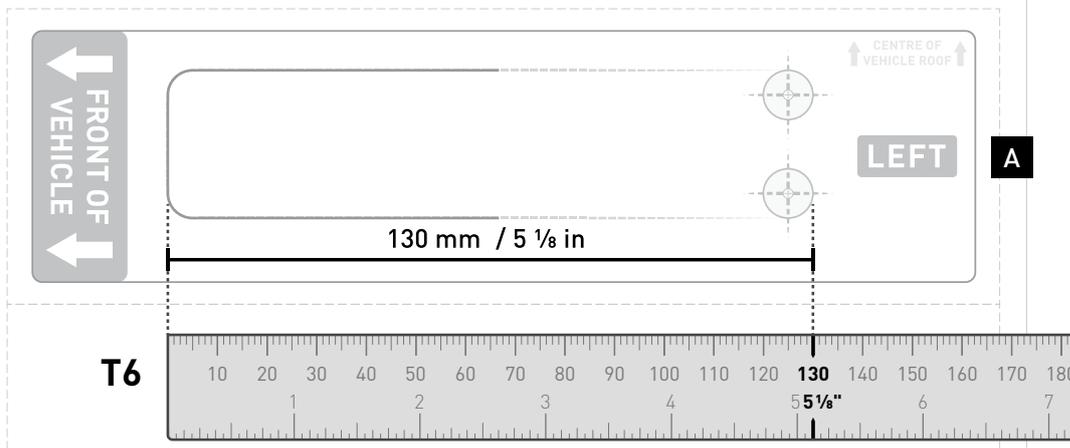
POST-facelift indentifiers:



6



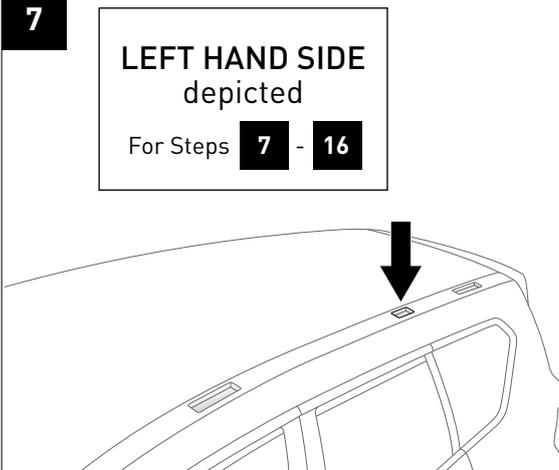
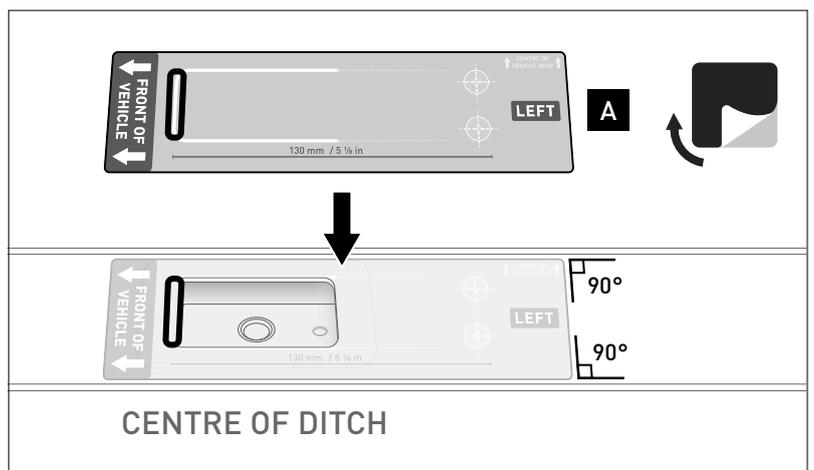
Check sticker scale



T6

7

LEFT HAND SIDE
depicted
For Steps **7 - 16**

FRONT OF VEHICLE

LEFT

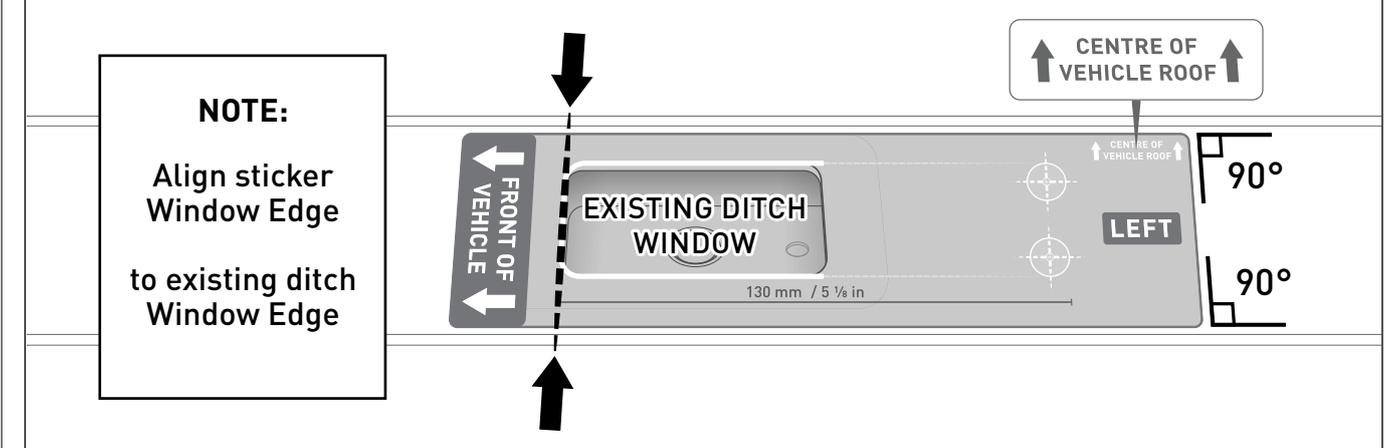
130 mm / 5 1/8 in

90°

90°

CENTRE OF DITCH

NOTE:
Align sticker
Window Edge
to existing ditch
Window Edge



FRONT OF VEHICLE

EXISTING DITCH WINDOW

130 mm / 5 1/8 in

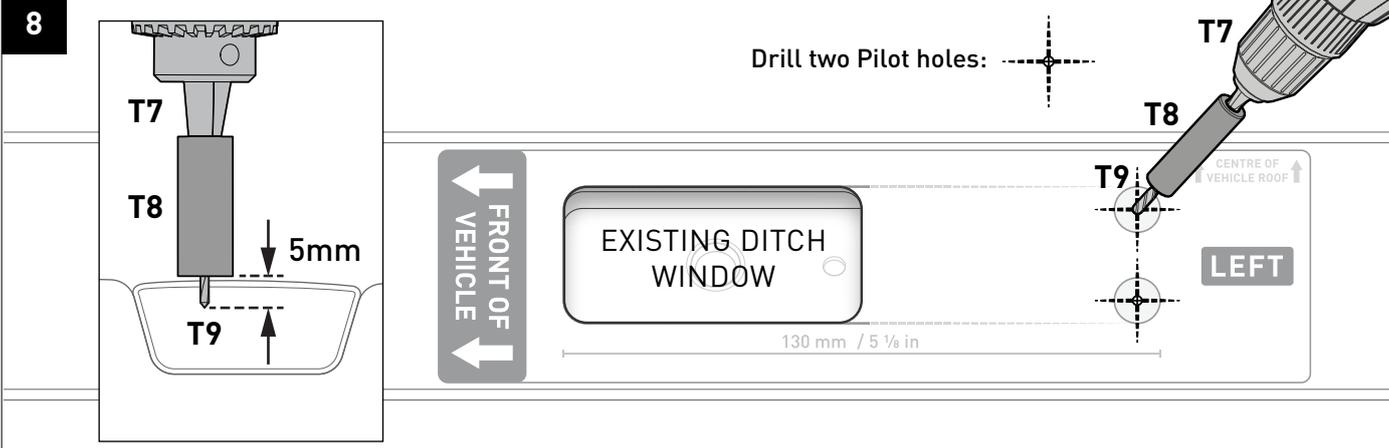
90°

90°

CENTRE OF VEHICLE ROOF

LEFT

8



T7

T8

5mm

T9

FRONT OF VEHICLE

EXISTING DITCH WINDOW

130 mm / 5 1/8 in

Drill two Pilot holes:

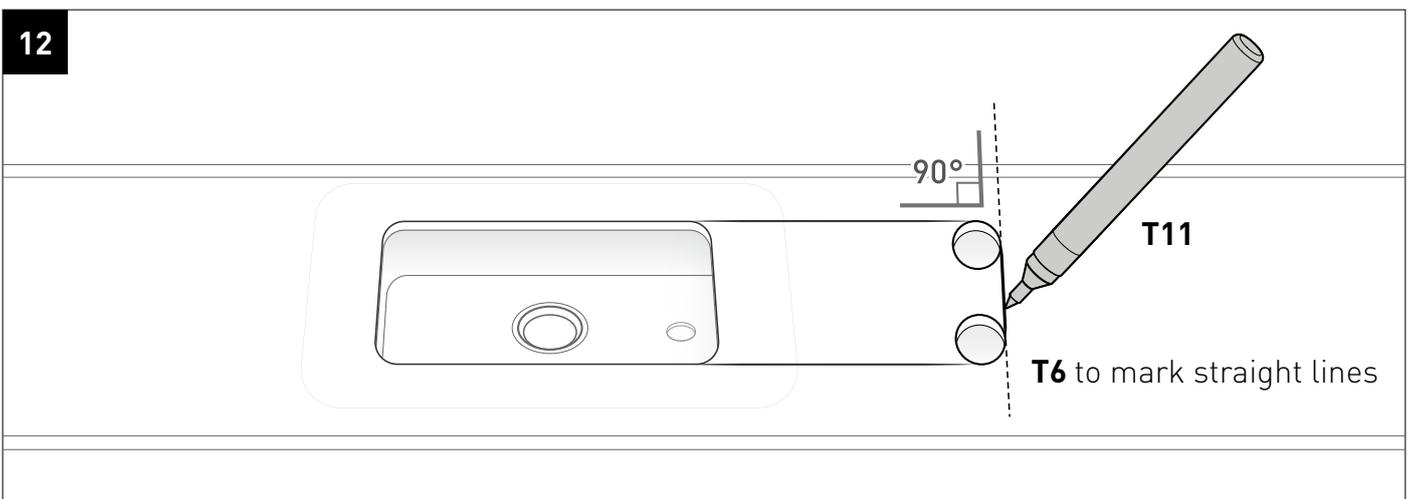
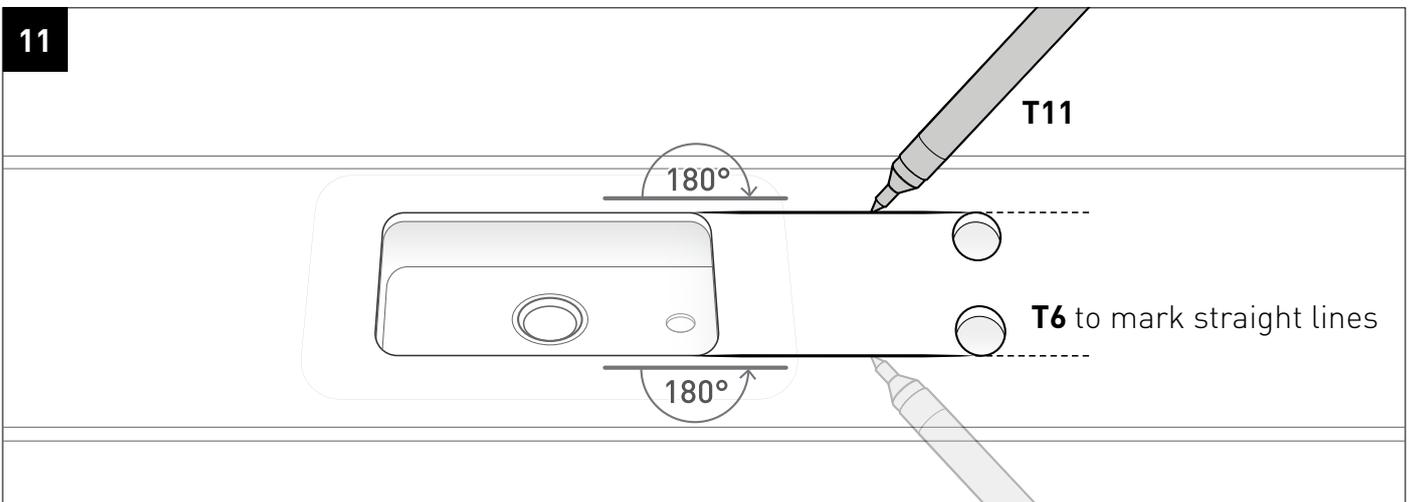
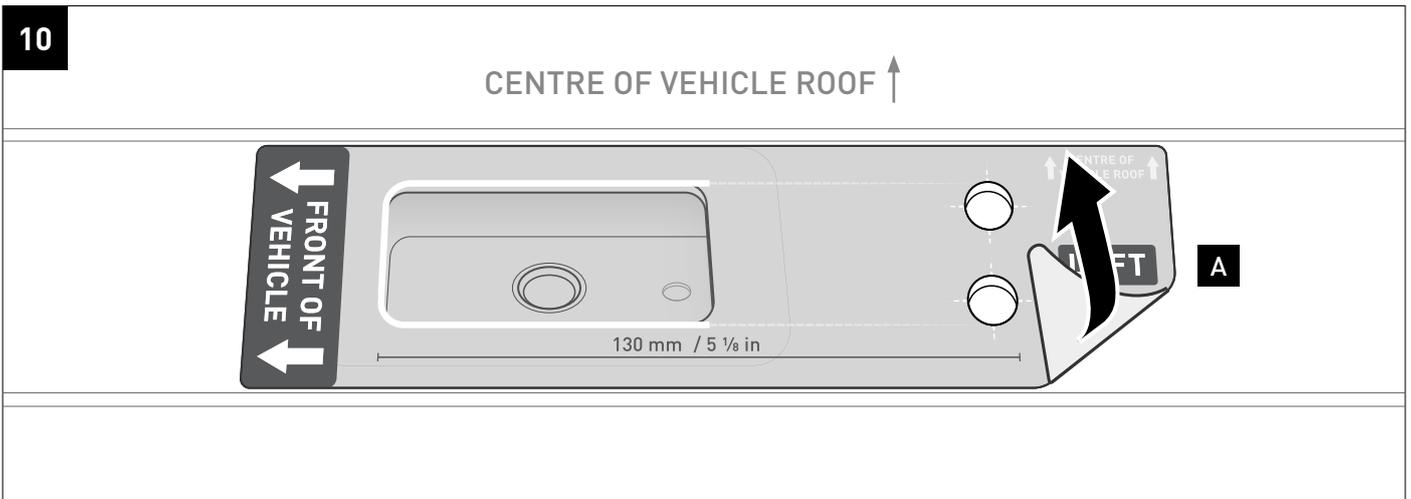
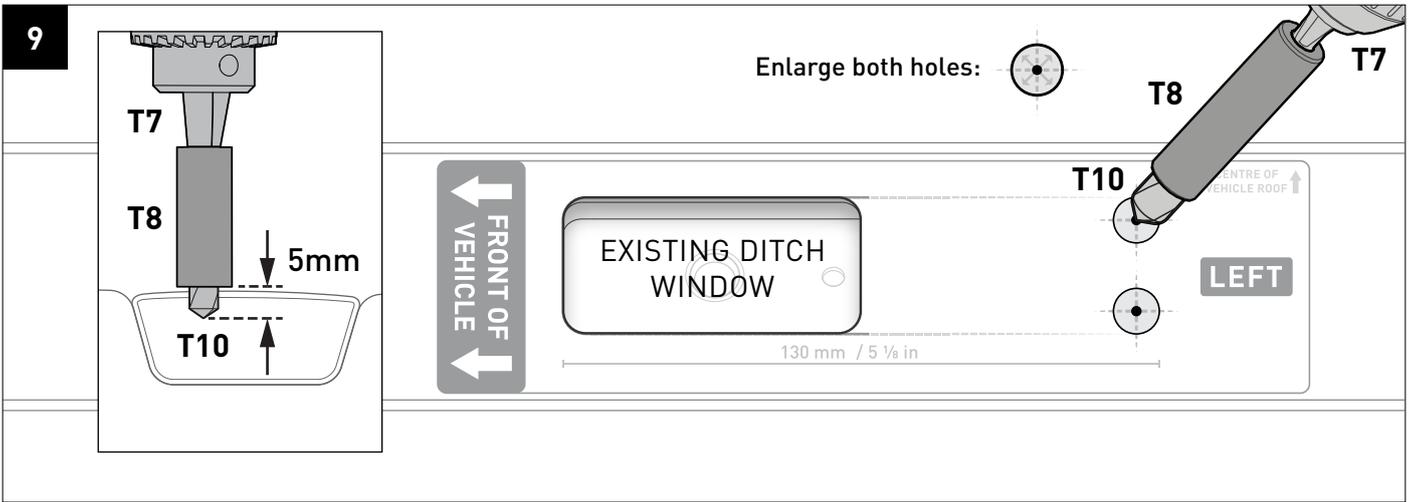
T7

T8

T9

CENTRE OF VEHICLE ROOF

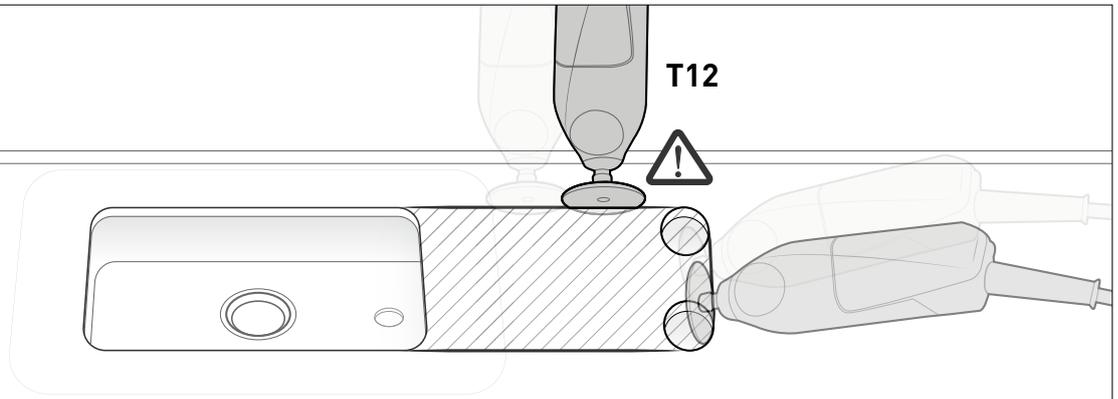
LEFT



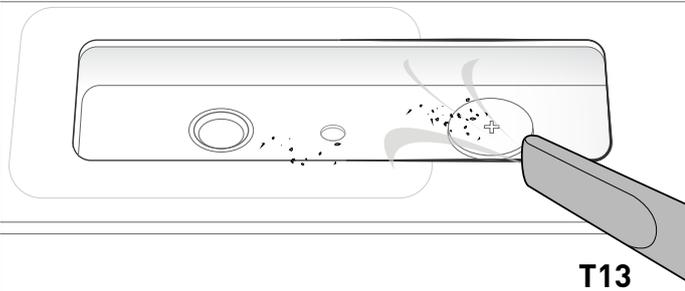
13



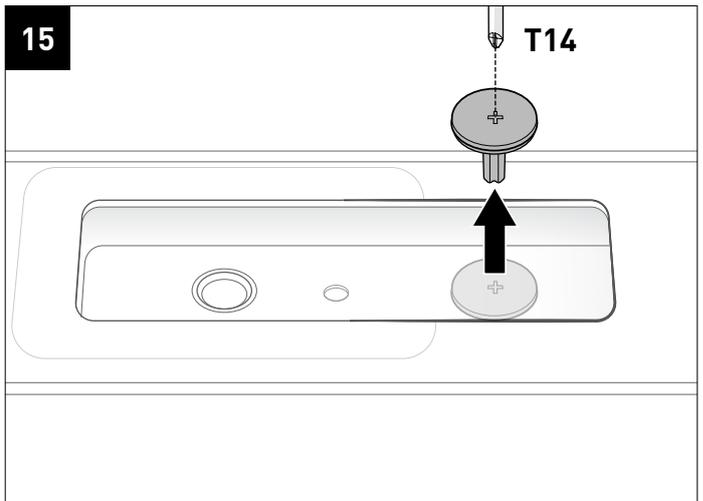
Use moderate speed when cutting through rubber ditch



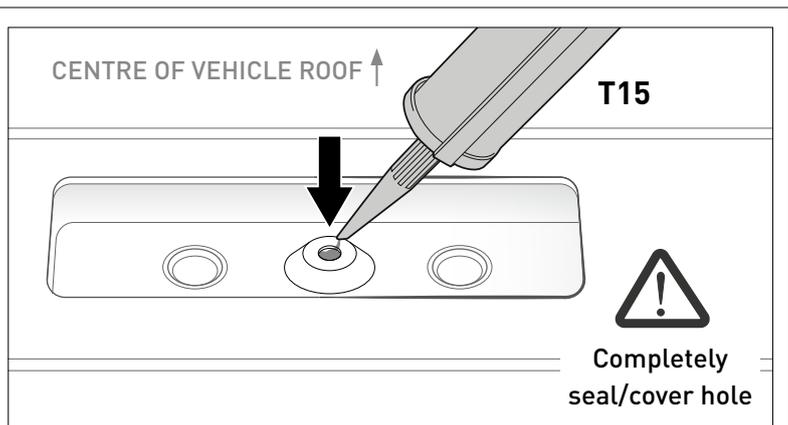
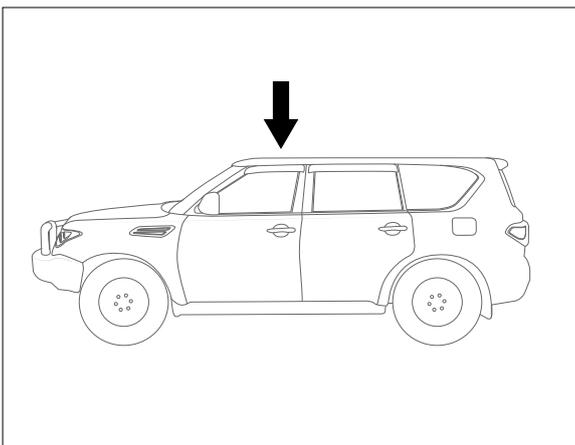
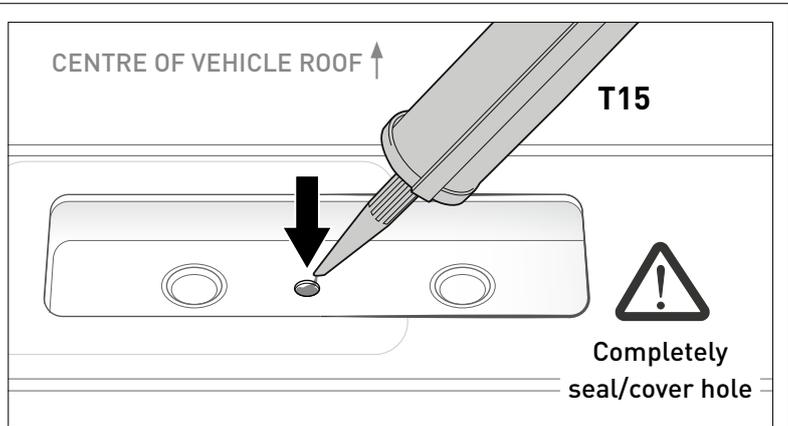
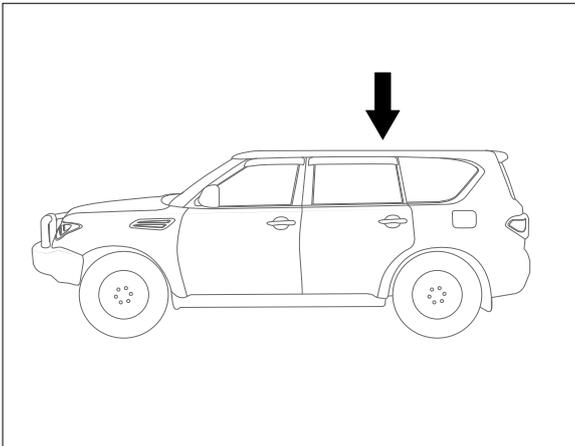
14



15

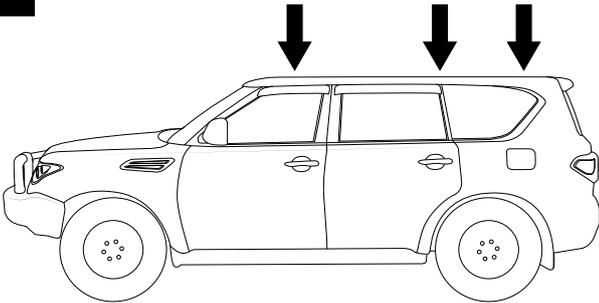


16



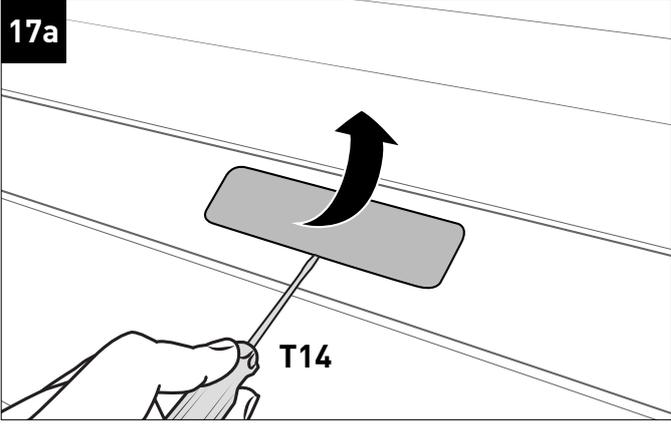
FOR BARE ROOF VARIANT (For Factory Rail Variant, skip to Step 18)

17

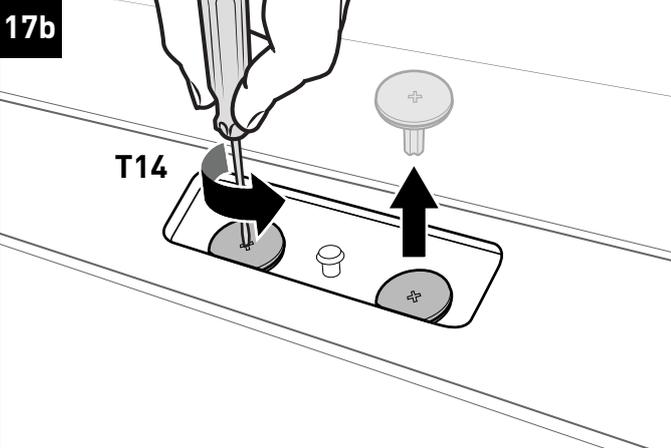


NOTE: Store window covers and hardware in a safe location.

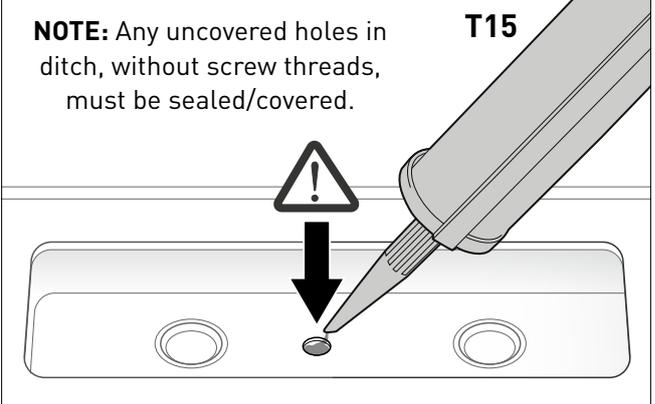
17a



17b

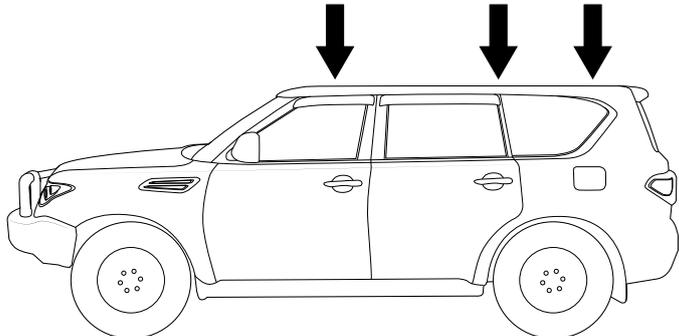


NOTE: Any uncovered holes in ditch, without screw threads, must be sealed/covered.

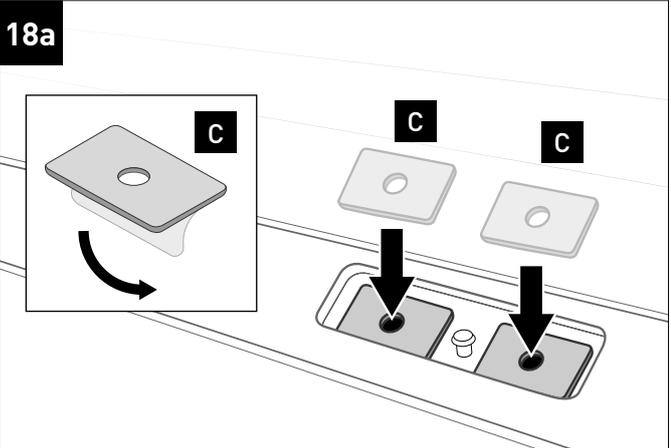


FOR ALL VARIANTS

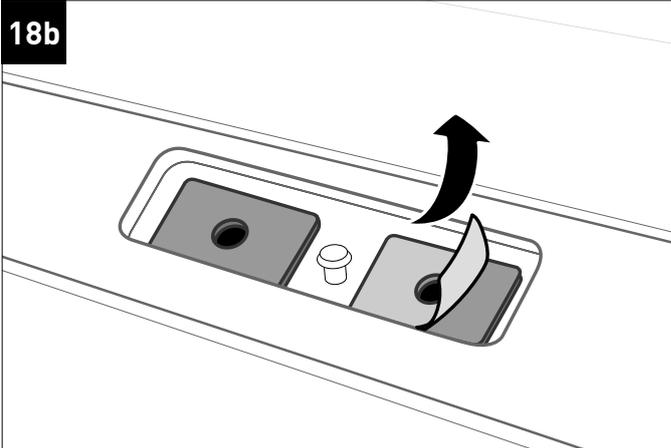
18



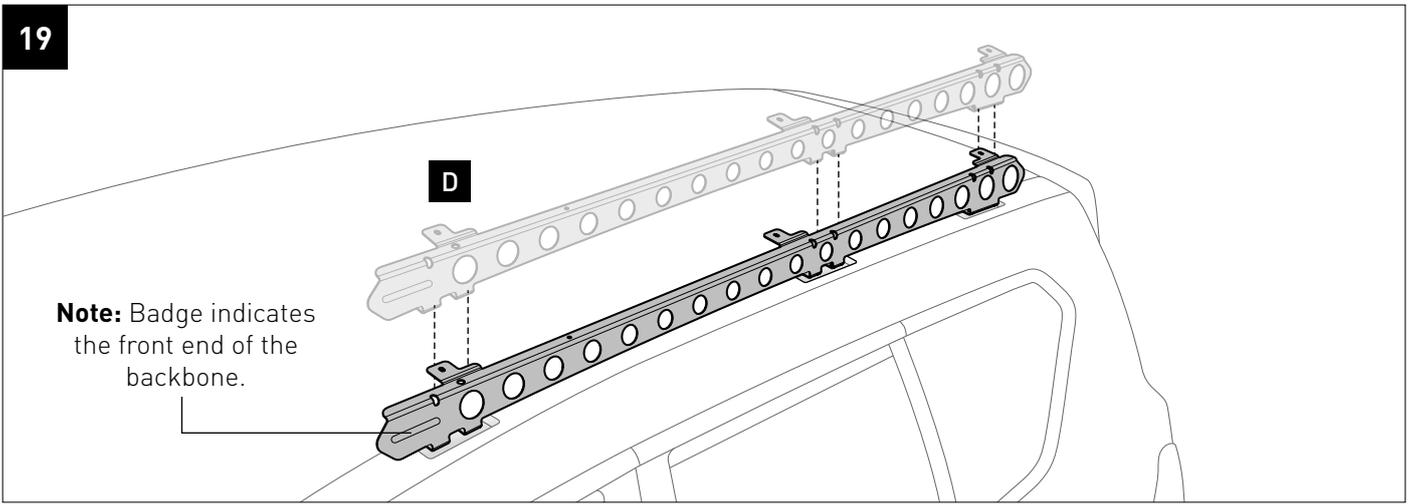
18a



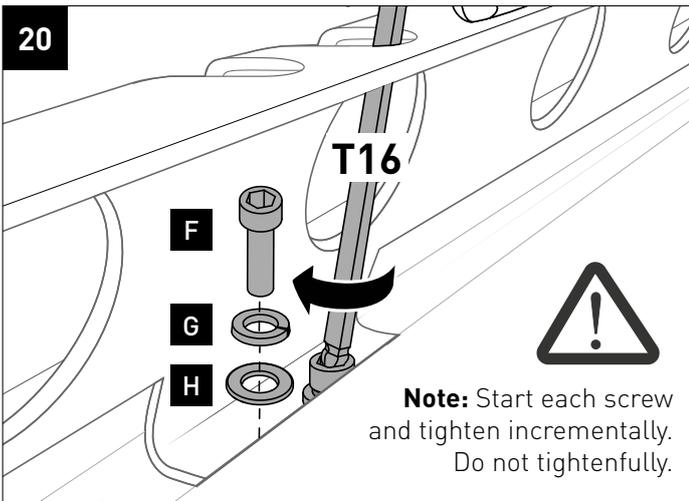
18b



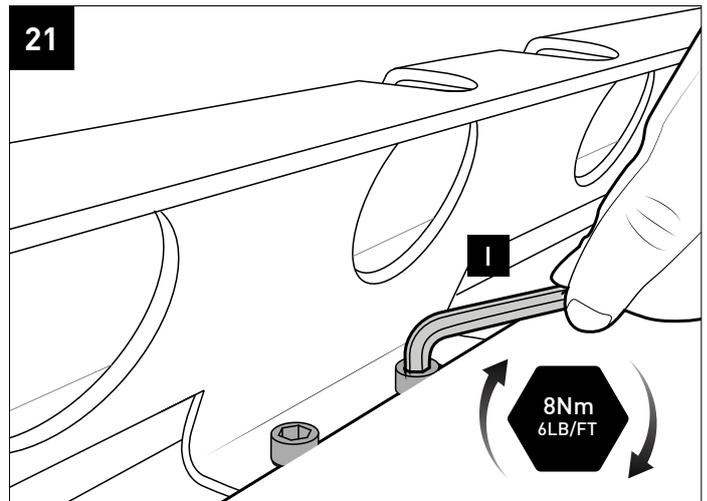
19



20



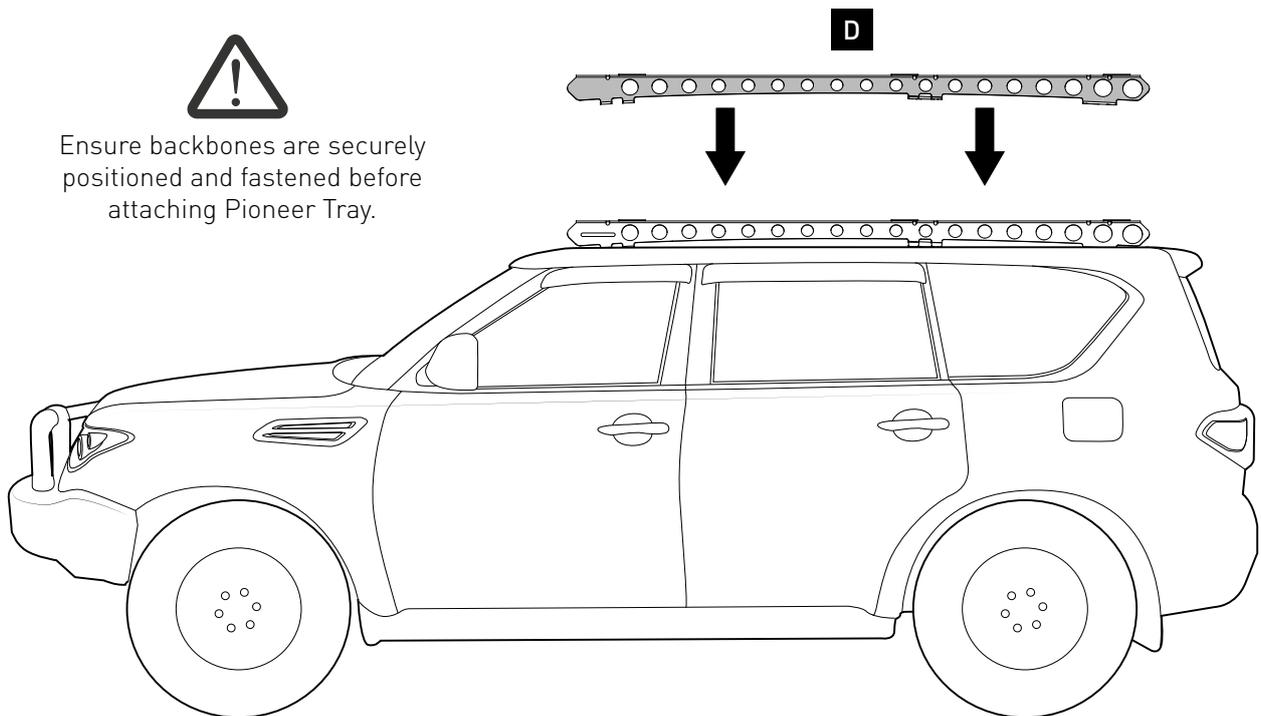
21



22 Repeat Steps 7 to 21 to opposite side of vehicle.

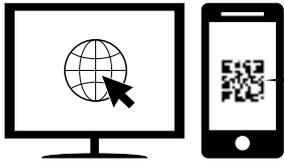


Ensure backbones are securely positioned and fastened before attaching Pioneer Tray.



PLATFORM INSTALLATION

23



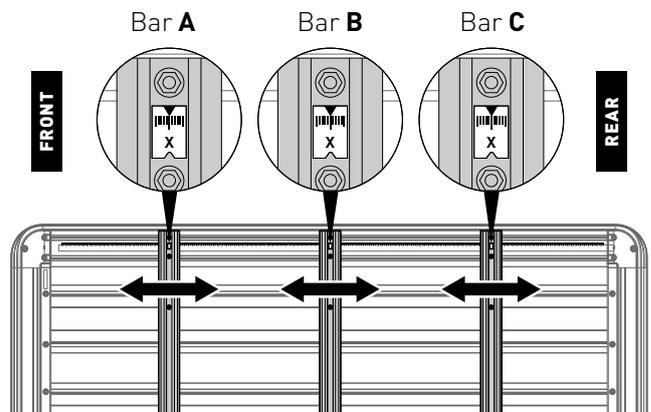
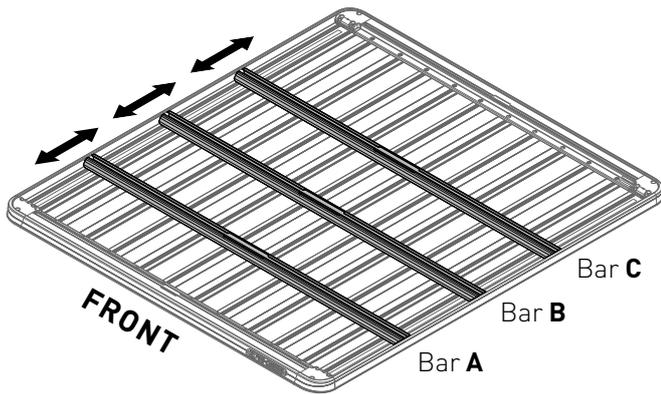
rhinorack.com/roof

1. Complete **Fit my vehicle** journey
2. Select your **Product Solution**
3. Scroll down to **'Product Details'**
4. Select the **'INSTRUCTIONS'** tab to View the Fitting Chart
5. Space your Underbars to the **A, B & C** dimensions provided.



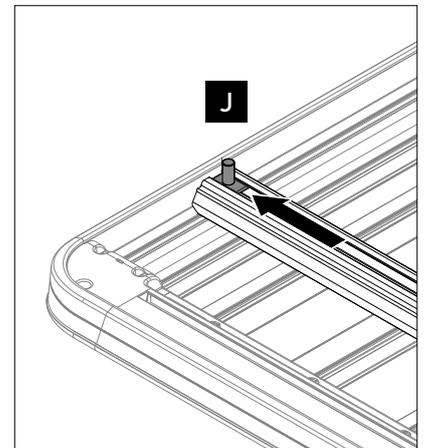
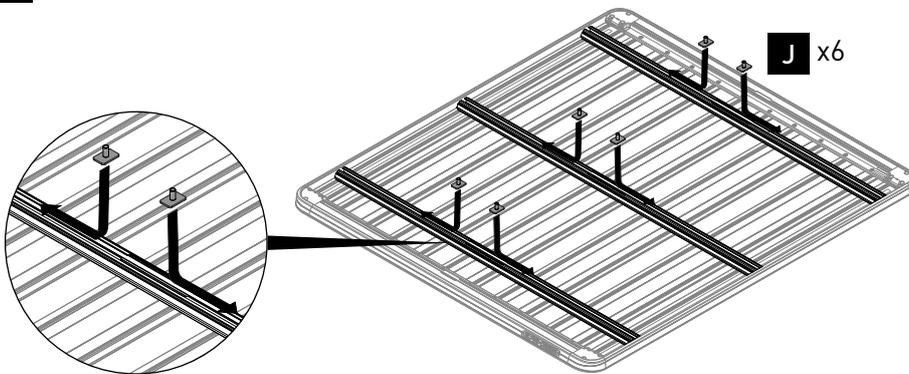
VIEW FITTING CHART

Example only



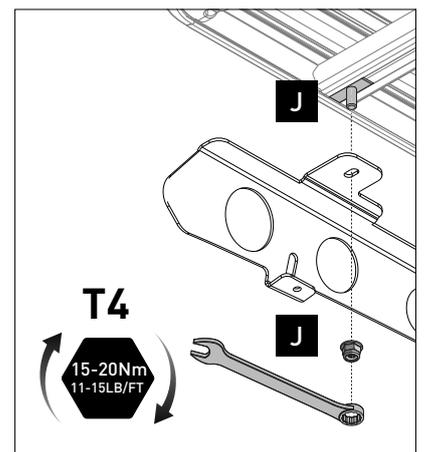
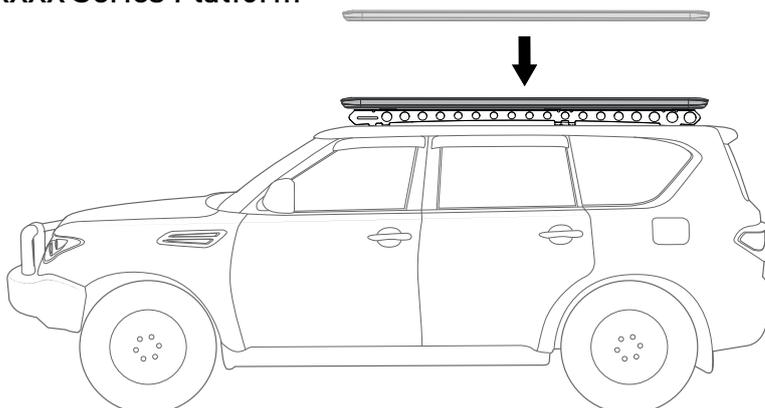
24

For 5XXXX Series Platform

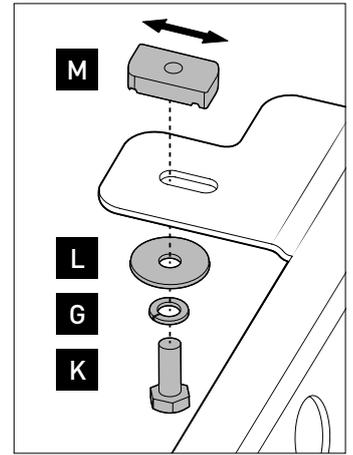
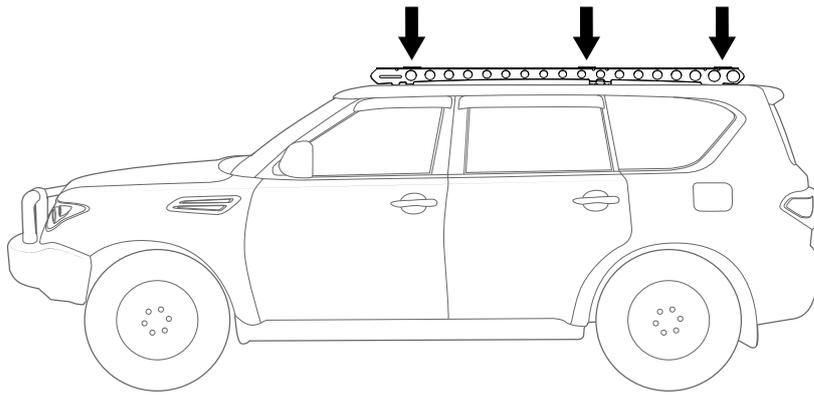


25

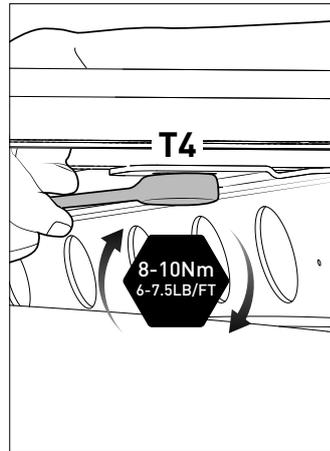
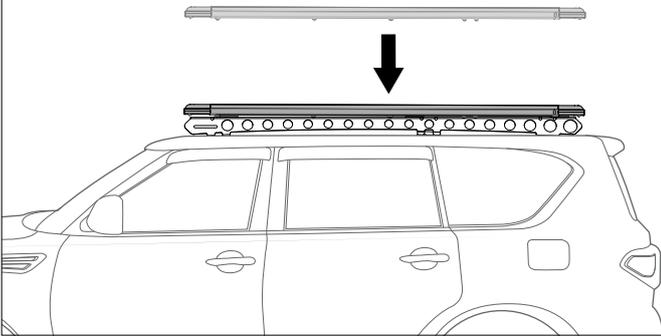
For 5XXXX Series Platform



26 For 4XXXX Series Platform



27 For 4XXXX Series Platform



Ensure channel nut has rotated within Pioneer underbar and is fixing Pioneer securely.

Pioneer underbar

