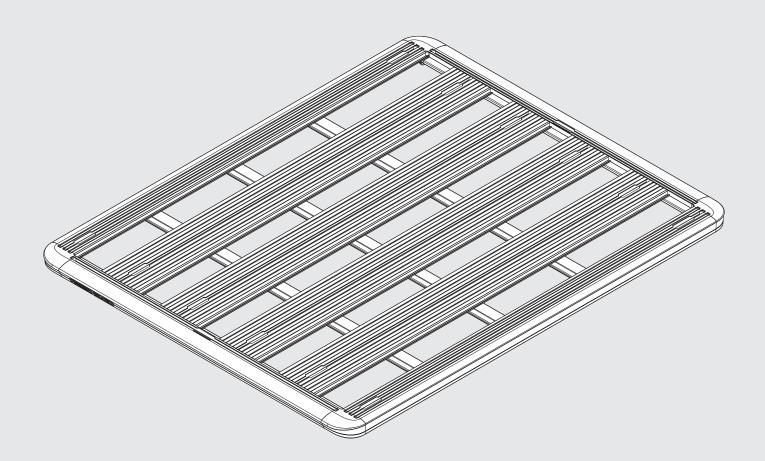


PIONEER ALLOY TRAY (flat pack)

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: 1 hour



Carrying Capacity

Max system load capacity (incl. system weight), refer to Pioneer fit sheet.

Check your vehicle owners hand book for vehicle maximum carrying capacity. Please ensure you use the vehicle manufacturers maximum roof allowance if it is lower than the figure listed in this instruction. Load must be evenly distributed over the system.

Off Road: Any driven path taken that does not contain a surface protection layer (tar/bitumen).

Vehicle Load Limit: Total permissible weight attached to the roof of the car. This is inclusive of the weight of the roof rack system. **System Load Limit:** Total permissible weight allowed on top, and attached to roof racks whilst the vehicle is in motion.

Torque Settings

Unless stated otherwise in these instructions, all fasteners should be set to the following torque settings - M6: 4-5Nm (3-4lbs/ft), M8: 8-10Nm (6-7.5lbs/ft) and M10: 16-18Nm (12-13lbs/ft).

Warning

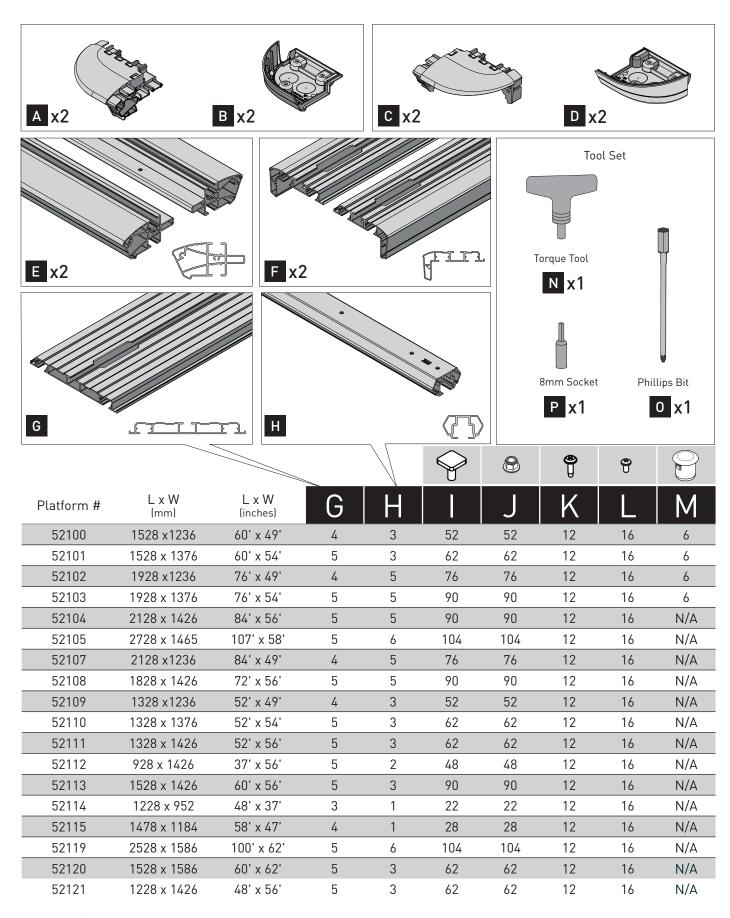
- Check part number or kit is correct for use with your vehicle.
- Do not attempt to fit the rack system to your vehicle unless you fully understand these fitting instructions. Please direct any questions regarding fitting to the dealer from where the roof racks were purchased.
- Although the system is tested and approved to AS1235-2000 / ISO 11154, off-road conditions can be much more rigorous. Extreme care must be taken in off road conditions.
- Roof racks must be removed when vehicle is put through an automatic car wash.
- With utility vehicles, the cabin and the canopy move independently. Roofracks and vehicle can be damaged if the item
 transported is rigidly fixed at points on both the cabin and canopy. Instead, rigidly fix to either the cabin roof racks or the canopy
 roof racks.
- Always ensure you fasten your load securely.
- Use only non-stretch fastening ropes or straps to attach cargo to your load.

In service maintenance checks

- · All bolted 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.

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.

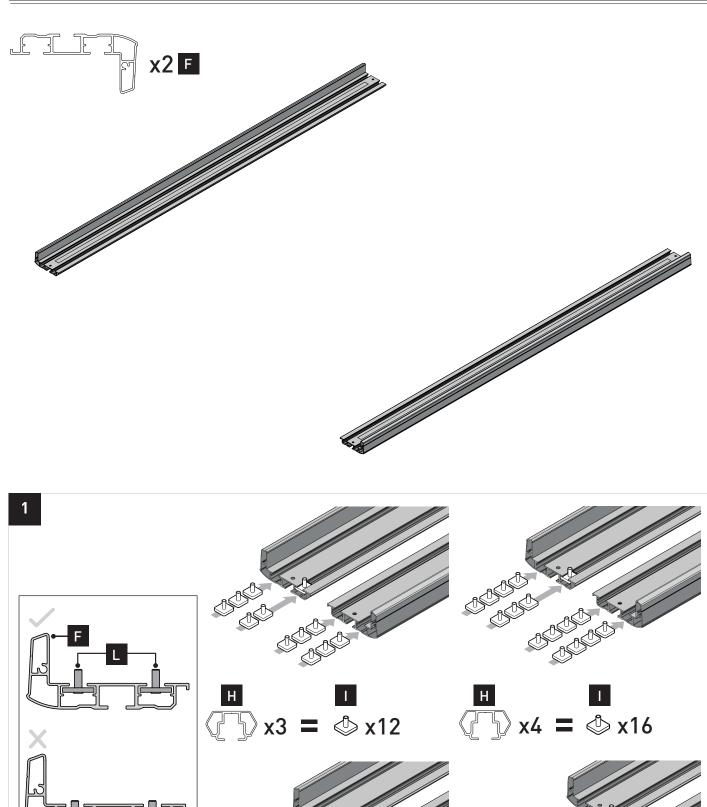


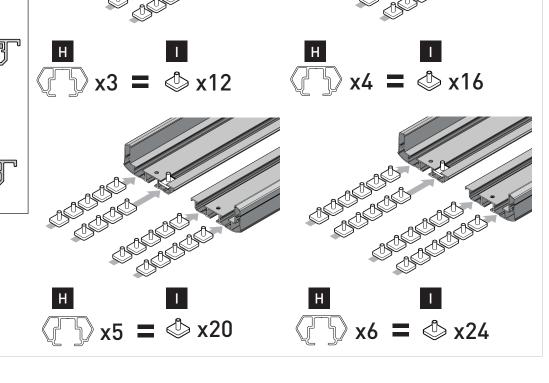
Tools required:

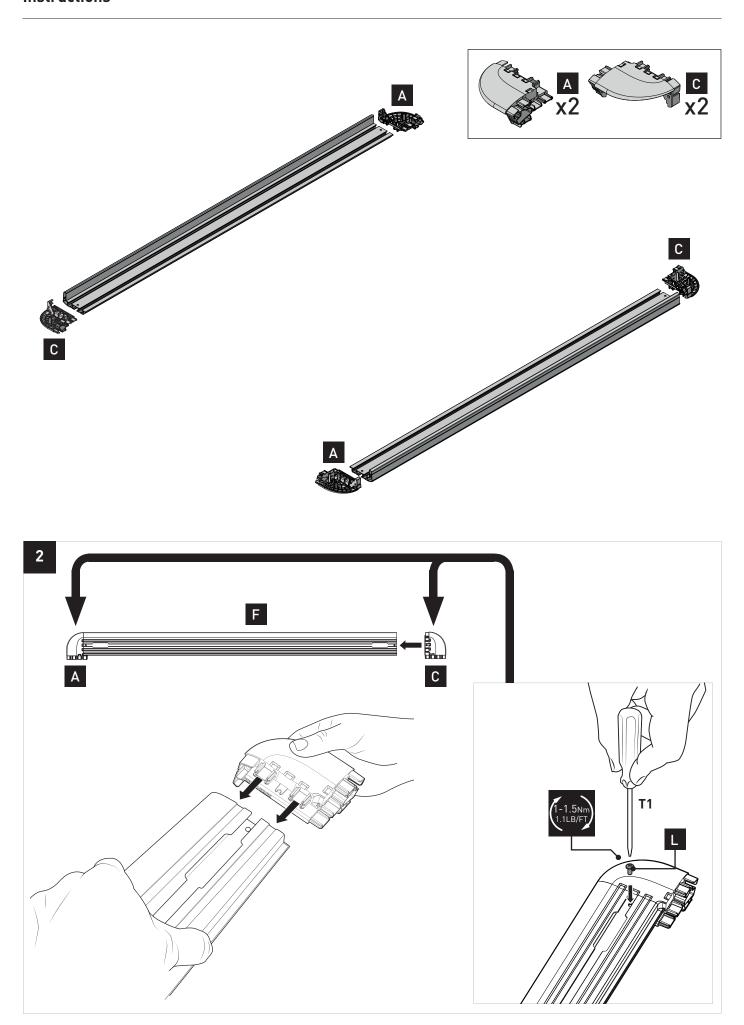
Herramientas necesarias:

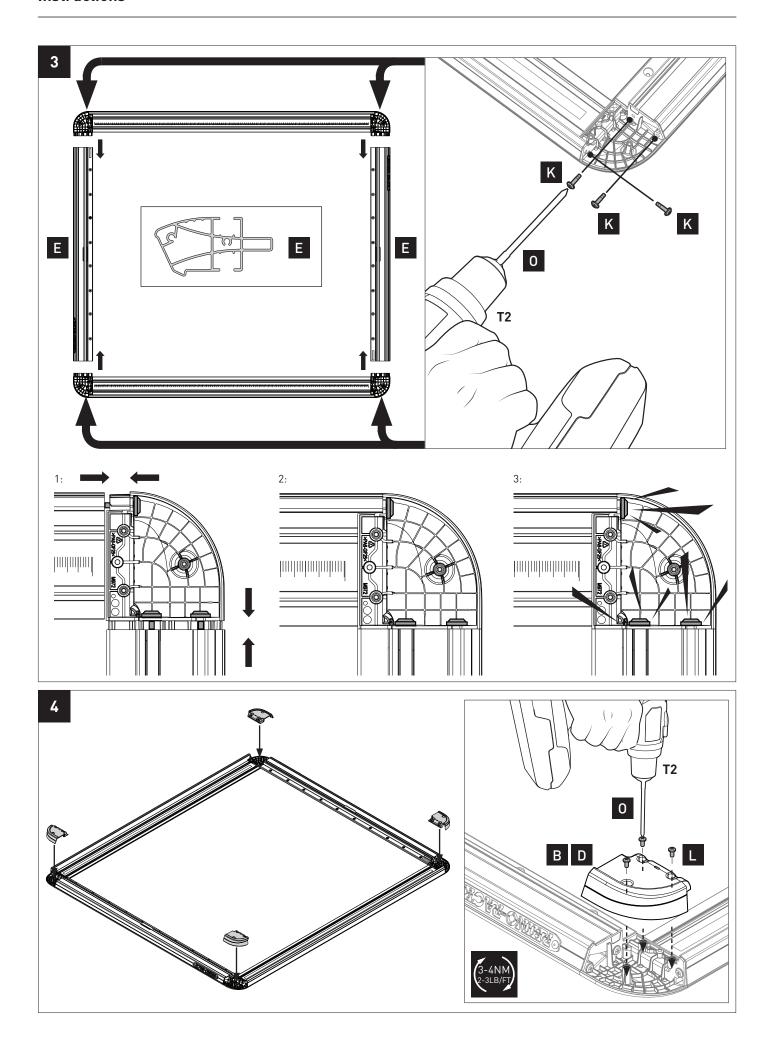
T1 - Phillips head screwdriver.

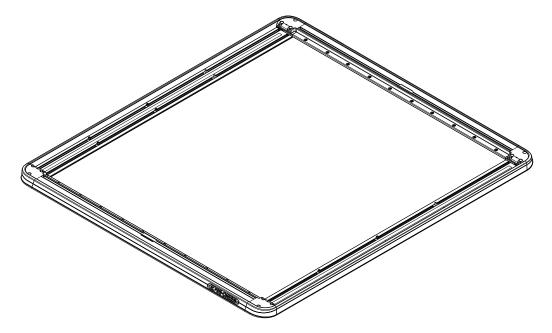
T2 - Power drill.



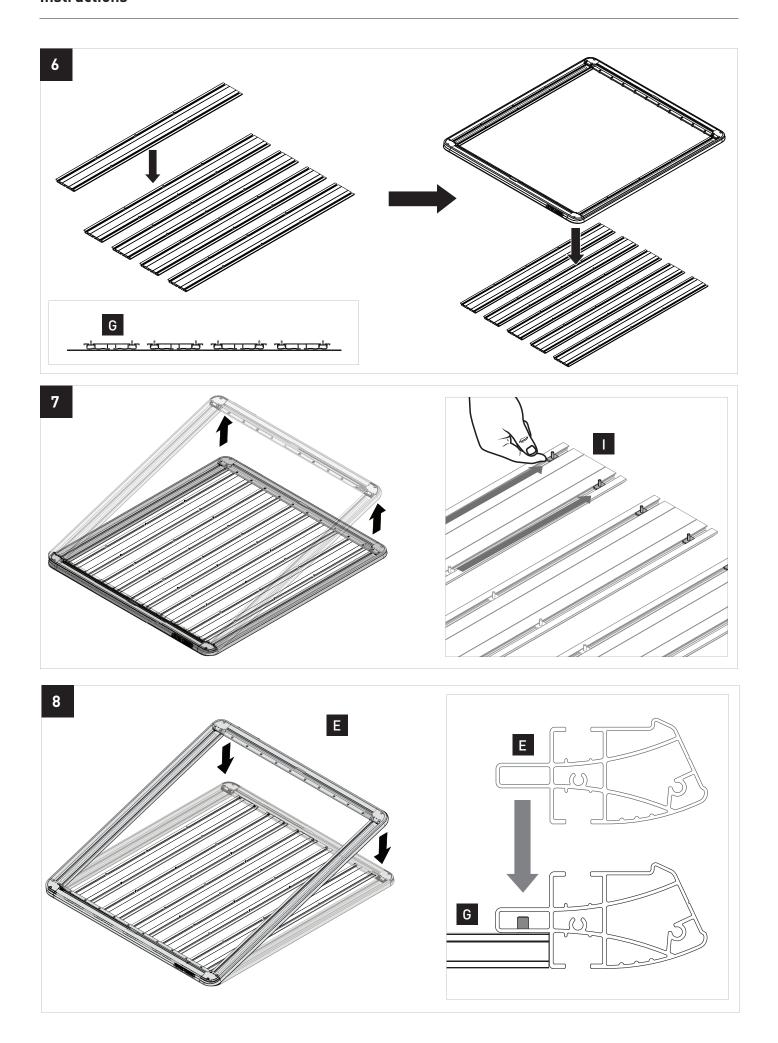


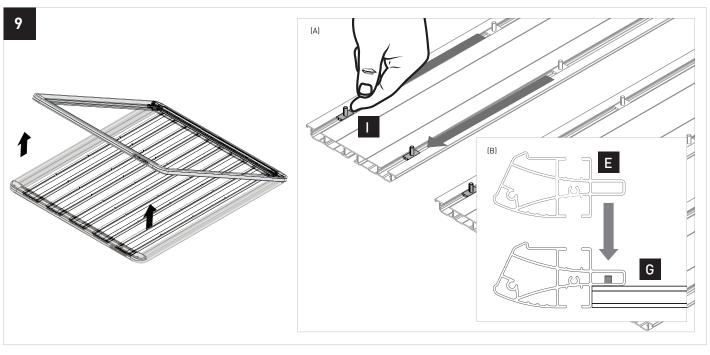


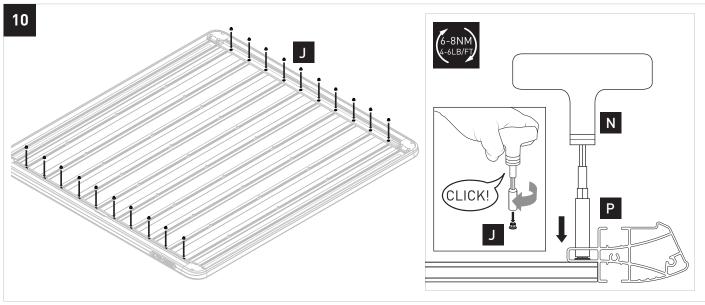


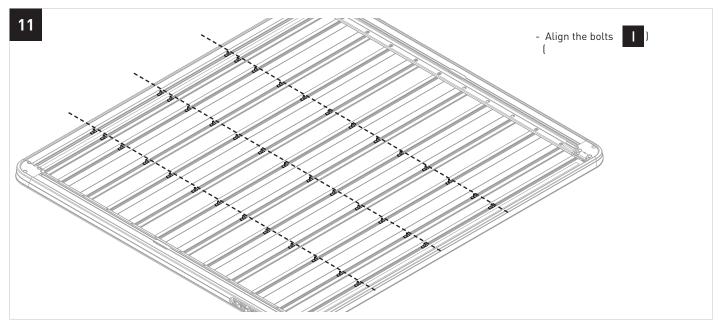


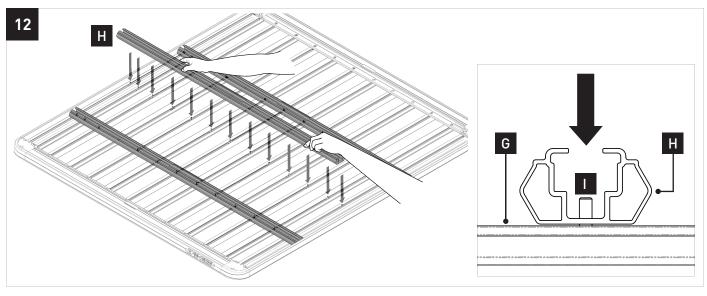
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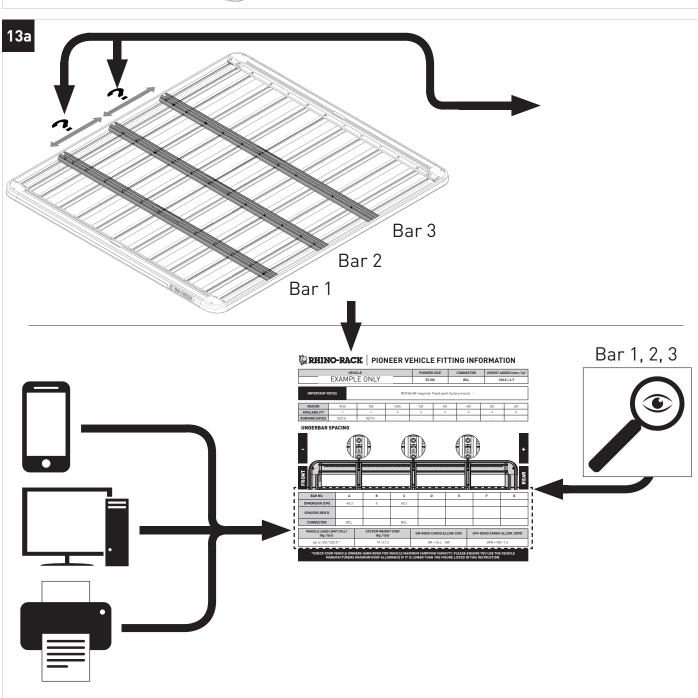


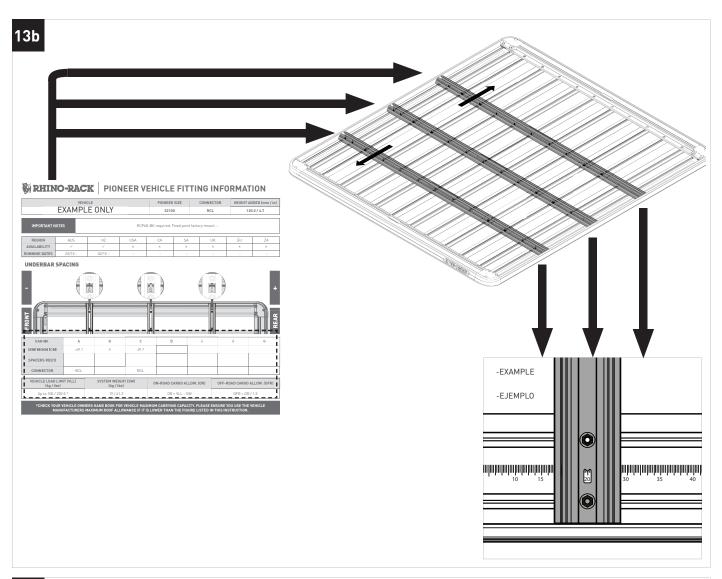


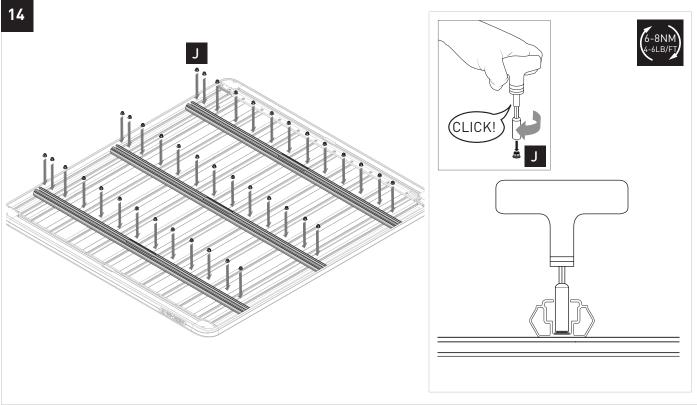


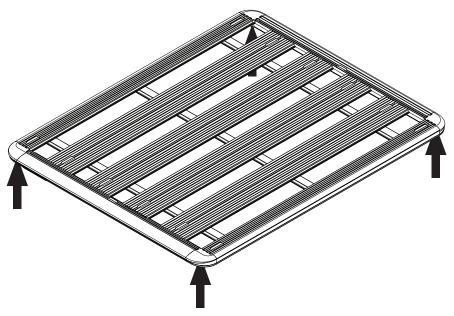


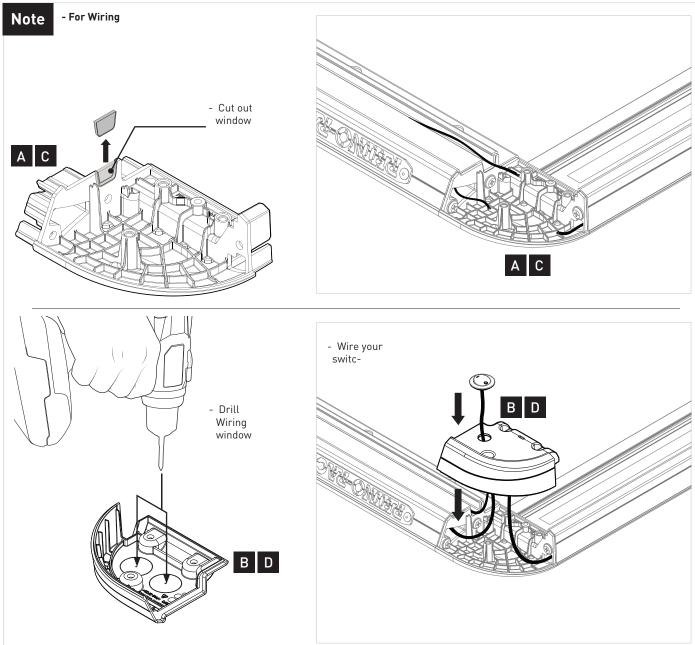


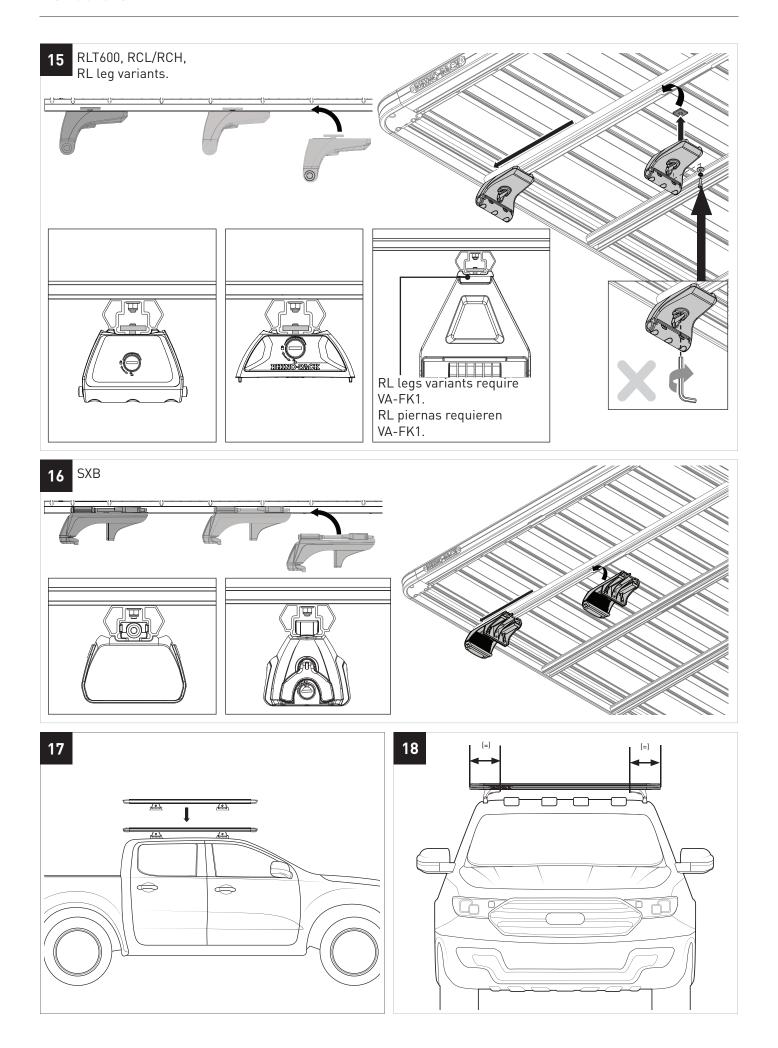


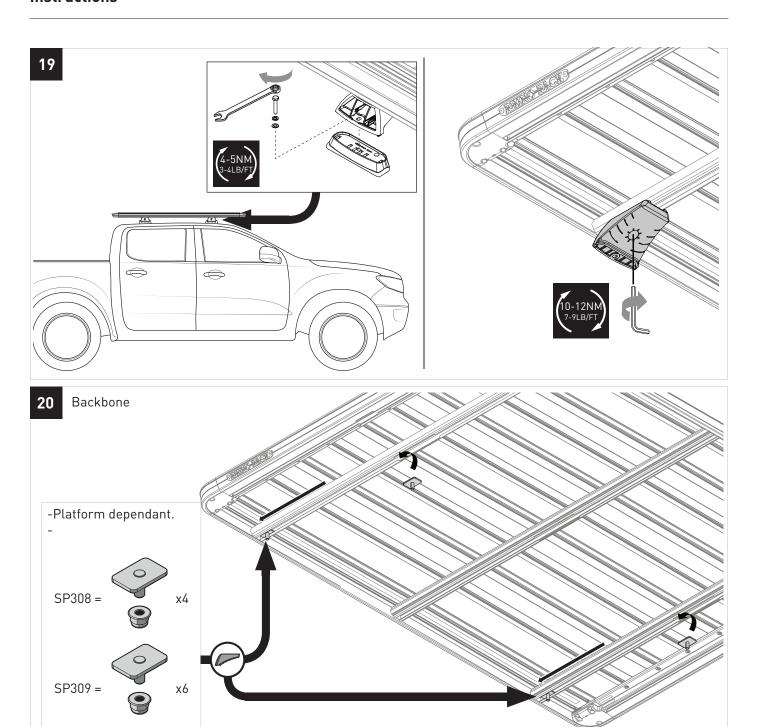


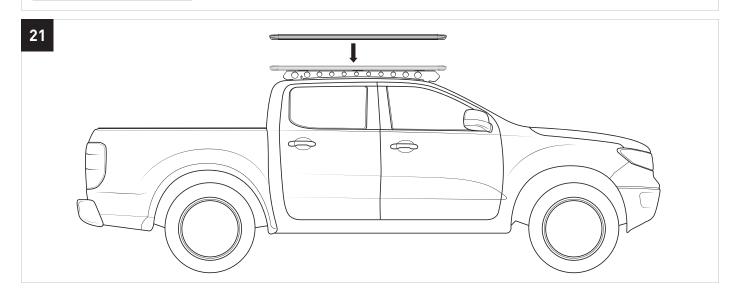


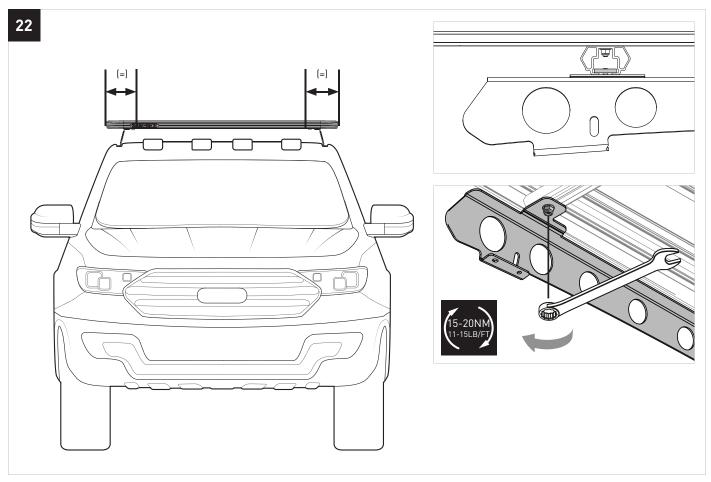


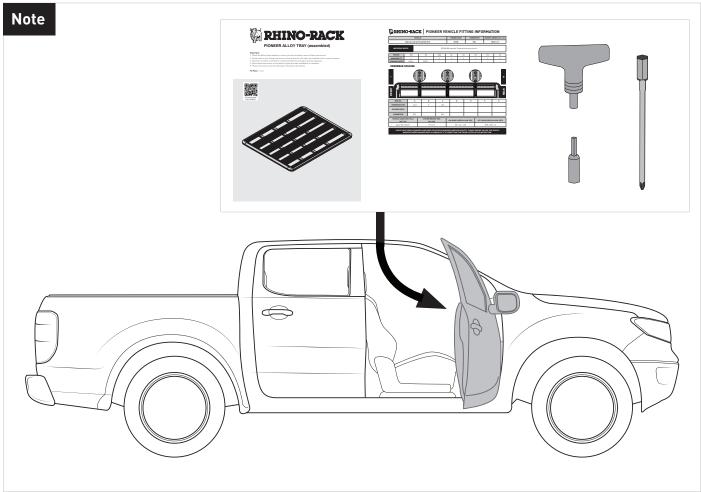




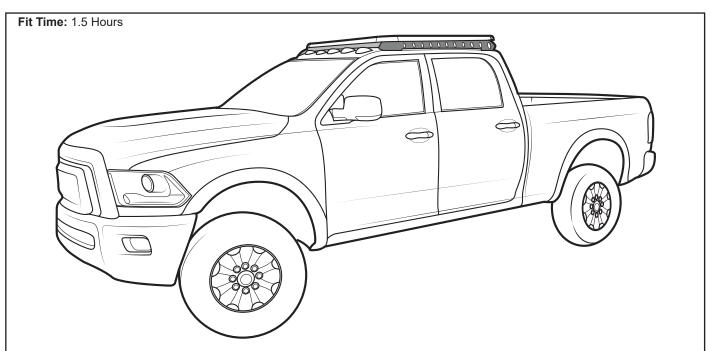












IMPORTANT INFORMATION

Maximum carrying capacity:

Suita Pion	able eers	On Road Cargo Allowance	Off Road Cargo Allowance	Static Allowance	Roof Allowance	Rack Weight
421	113	71.5kg / 157lb	51.5kg / 113lb	331.5kg / 730lb	100kg / 220lb	28.5kg / 63lb

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

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

Static Allowance: Total permissible weight allowed on top, and attached to roof racks whilst the vehicle is stationary

Please refer to your vehicle manufacturers handbook for maximum carrying capacity. Always use the lower of the two figures. Load must be evenly distributed over the entire Pioneer. Weight of roof rack accessories is to be included in cargo allowance.

Torque settings

Unless stated otherwise in these instructions, all fasteners should be set to the following torque settings - M6: 4-5Nm (3-4lbs/ft), M8: 8-10Nm (6-7.5lbs/ft) and M10: 16-18Nm (12-13lbs/ft).

Warning:

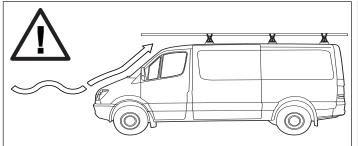
- Check Part No. and/ or Kit is correct for use with your vehicle
- Do not attempt to fit the rack system to your vehicle unless you fully understand these fitting instructions. Please direct any questions regarding fitting to the dealer from where the roof racks were purchased.
- Use only non-stretch fastening ropes or straps.
- The handling characteristics of the vehicle changes when you transport a load on the roof. For safety reasons we recommend you
 exercise extreme care when transporting wind-resistant loads. Special consideration must be taken into account when cornering and
 braking.
- Although the system is tested and approved to AS1235-2000 / ISO 11154, off-road conditions can be much more rigorous. Extreme care
 must be taken in off road conditions

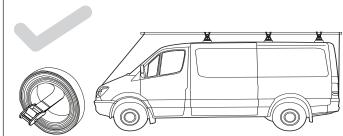
Recommendations:

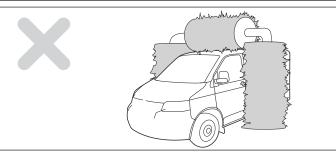
It is essential that all bolt connections be checked after driving a short distance when you first install your roof racks. Bolt connections should be checked again at regular intervals (once a week is enough, depending on road conditions, usage, loads and distances travelled). You should also check the roof racks each time they are re-fitted. Always make sure to fasten your load securely. Please also ensure that all loads are evenly distributed and that the centre of gravity is kept as low as possible and must be entirely contained within the extents of the roof racks.

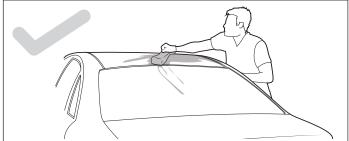
Note for Dealers and Fitters:

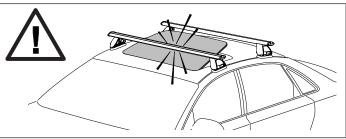
It is your responsibility to ensure these fitting instructions are given to the end user or client

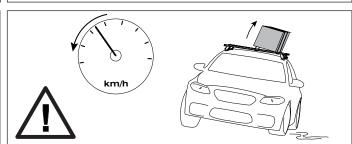






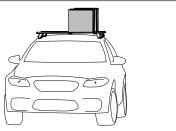


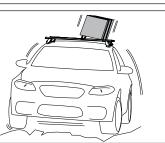




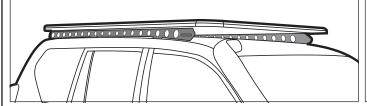
The handling characteristics of the vehicle changes when you transport a load on the roof. For safety reasons we recommend you exercise extreme care when transporting wind-resistant loads. Special consideration must be taken into account when cornering and braking.

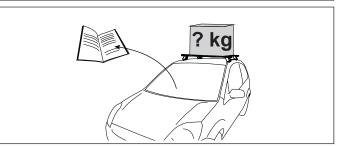
Although the system is tested and approved to AS1235-2000 / ISO 11154, off-road conditions can be much more rigorous. Extreme care must be taken in off road conditions

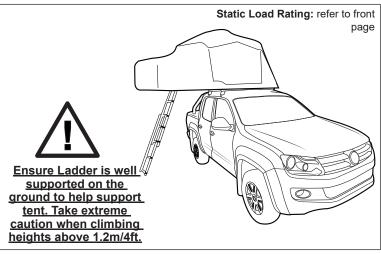


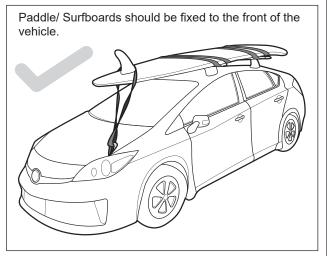


System Weight: 28.5kg / 63lbs



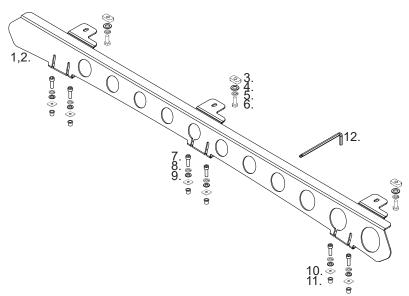






Parts List

Item	RR2B1	Qty	Part No.	
1	RAM Backbone LH	1	CA1800	
2	RAM Backbone RH	1	CA1801	
3	M8 Channel Nut	6	N003-BLK	
4	M8 x 24mm Flat Washer	6	W064-BLK	
5	M8 Spring Washer	6	W019-BLK	
6	M8 x 20mm Hex Bolt	6	B020-BLK	
7	M6 x 20mm Skt Screw	12	B054	
8	M6 Spring Washer	12	W004	
9	M6 x 12.5mm Flat Washer	12	W003	
10	Butyl Patch 20mm x 20mm	12	CA1266	
11	Rivnut	12	-	
12	Ball End Allen Key	1	H058	
13	Instructions	1	R1738	



Tools Required:

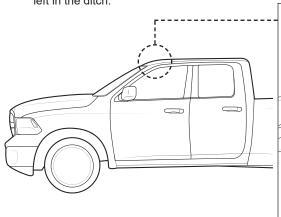
- 1. Power drill
- 3. 9mm (3/8") drill bit.

Punch+hammer. 4. Measuring tape.

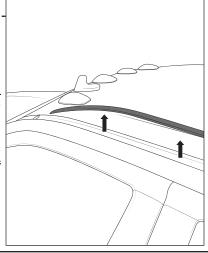
- Marker. Rivnut tool.
- 8. Drill stop.
- 7. Nylon scrape. 9. Cold galvanising 10. 13mm (17/32")
 - socket wrench.
- 11. 3mm (1/8") drill bit.

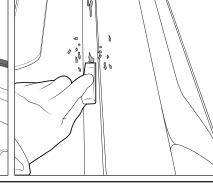
Instructions

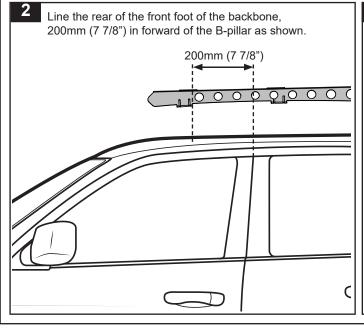
1: Starting at the front of the vehicle, remove the ditch mould from the vehicle. 2: Using a nylon scrape, clean out any material left in the ditch.

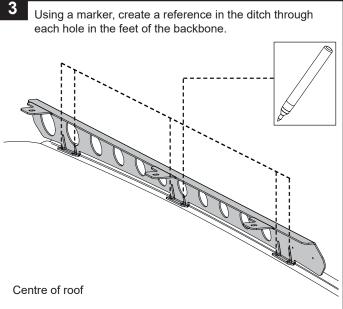


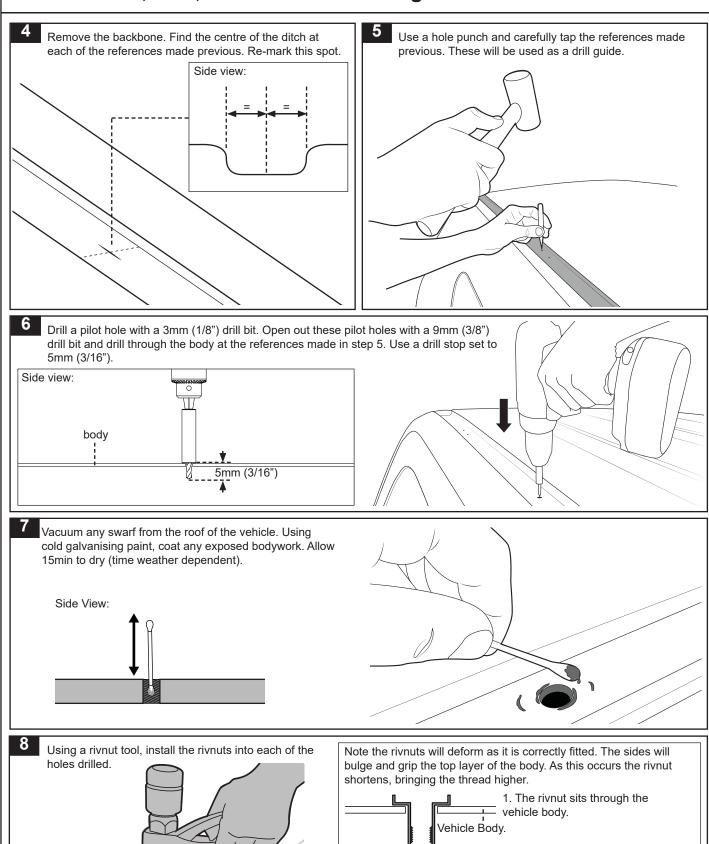
Note: Crew Cab variant shown throughout instruction. Mega Cab fits will follow the same steps.











2. As you tighten the sides of the rivnut will begin to bulge outward.

3. When correctly installed, the rivnut will be shortened and the thread moved up to just under the top layer

of the vehicle body.

