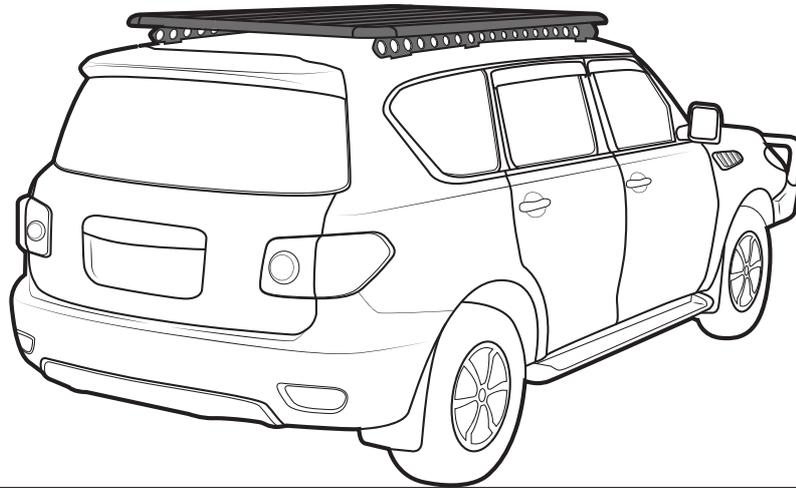




RHINO-RACK

Nissan Patrol Y62/ Armada RNPB1

Fit Time: 2 Hours



Important Information

Maximum carrying capacity:

Suitable Pioneers	On Road Cargo Allowance	Unsealed Cargo Allowance	Static Allowance	Roof Allowance	Rack Weight
42104B	80kg / 177lb	56kg / 123lb	320kg / 705lb	120kg / 265lb	40kg / 88lb
45104B	77kg / 170lb	53kg / 117lb	317kg / 699lb		43kg / 95lb
41104	74kg / 163lb	50kg / 110lb	314kg / 692lb		46kg / 101lb
42107B	84.5kg / 187lb	60.5kg / 133lb	324.5kg / 715lb		35.5kg / 78lb
45107B	81.5kg / 180lb	57.5kg / 127lb	321.5kg / 709lb		38.5kg / 85lb
41107	79kg / 174lb	55kg / 121lb	319kg / 703lb		41kg / 90lb

- Unsealed Road:** Any driven path taken that is not on sealed (tarred/ bitumen) and maintained road
- 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:

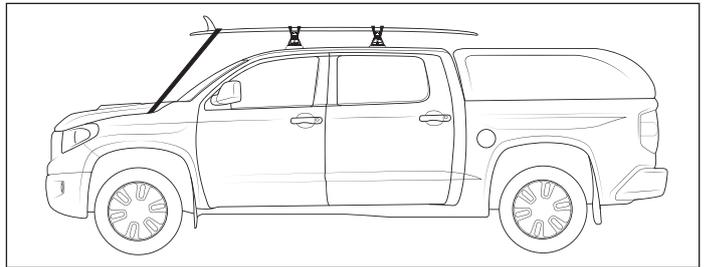
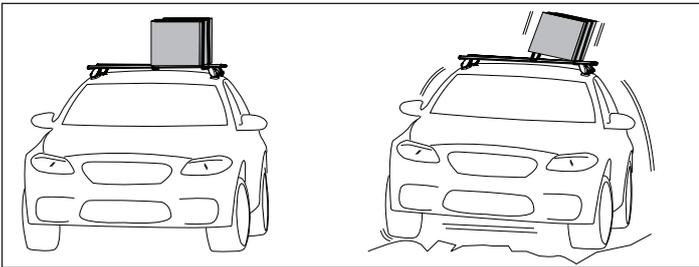
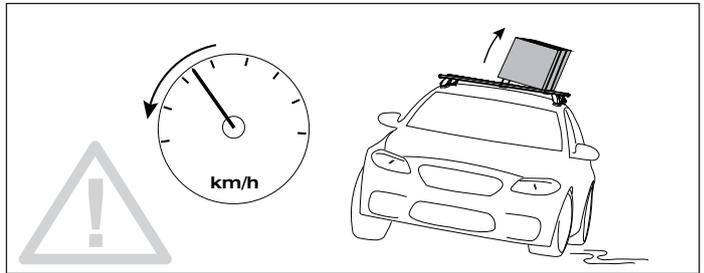
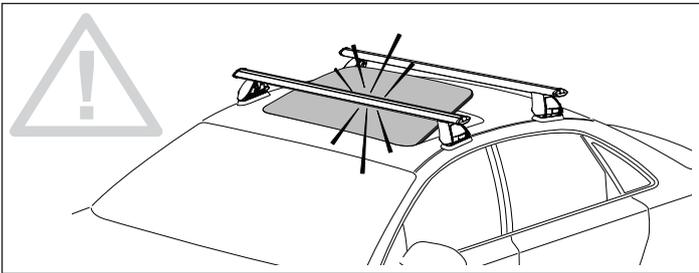
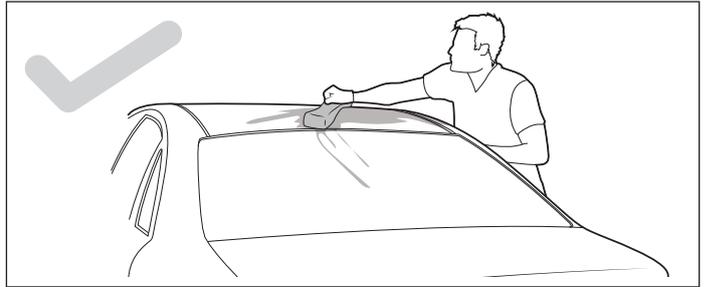
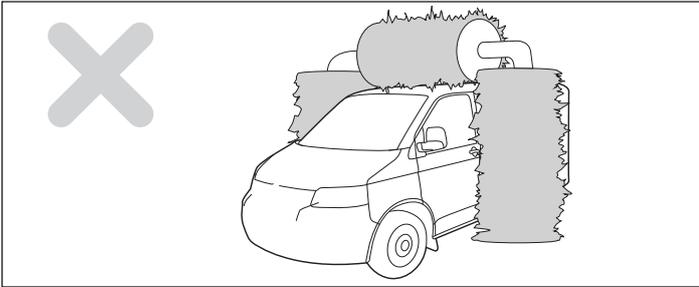
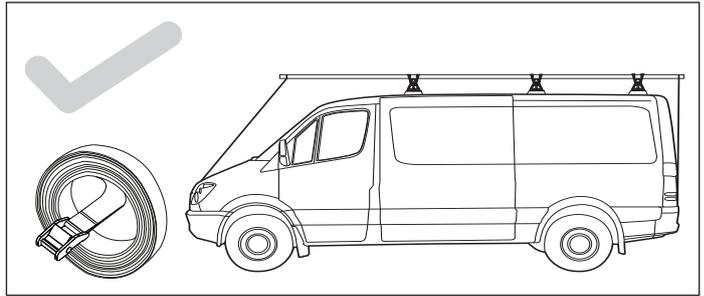
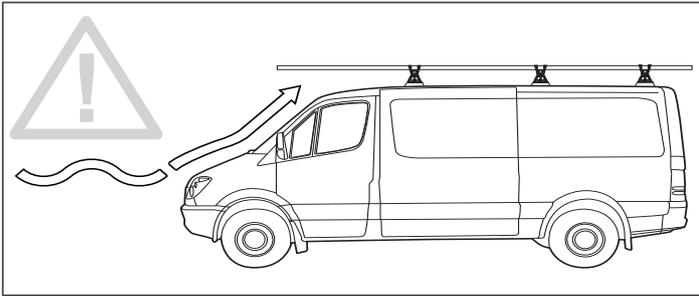
It is your responsibility to ensure these fitting instructions are given to the end user or client

Rhino-Rack, 22 Hanson St, Eastern Creek
NSW 2766, Australia
(02) 8846 1900
rhinorack.com.au

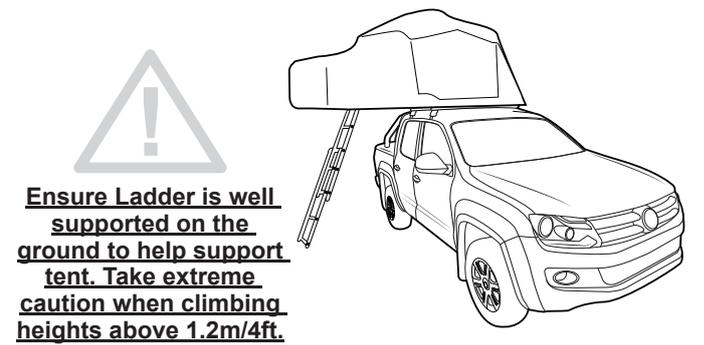
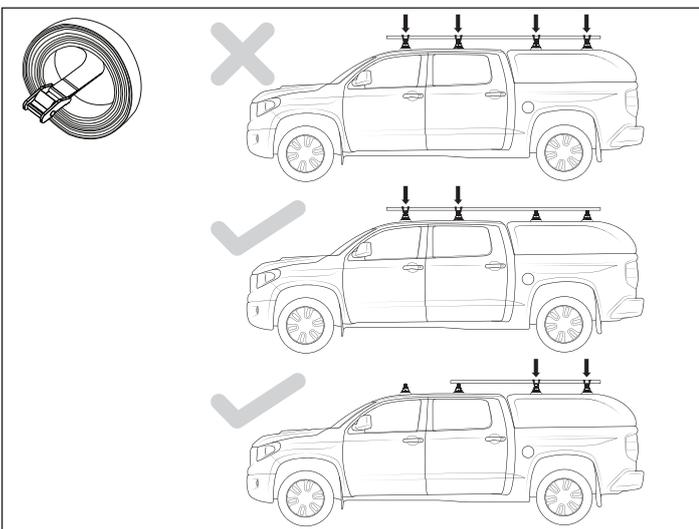
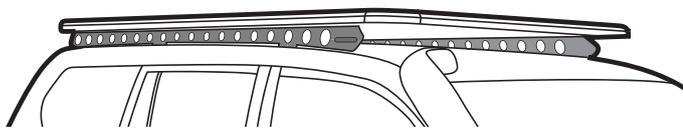
Document No: R1089
Issue No: 04
Issue Date: 09/05/2019

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Nissan Patrol Y62/ Armada RNPB1



System Weight: 27.5kg - 29.5kg

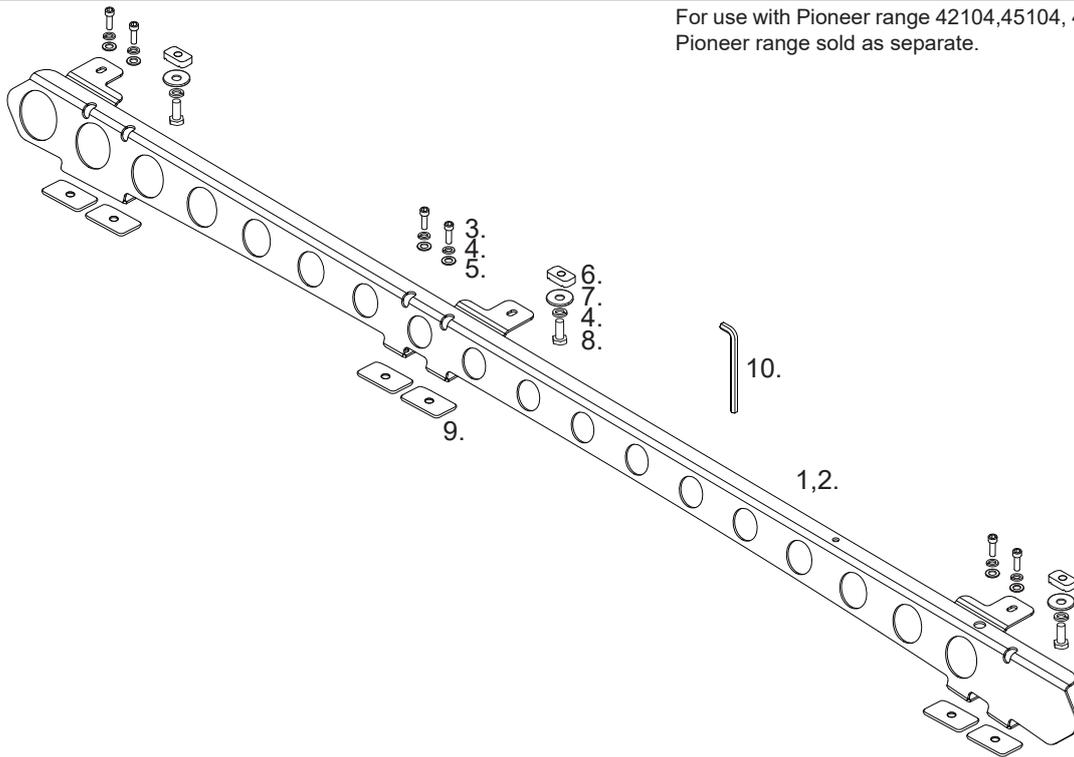


Ensure Ladder is well supported on the ground to help support tent. Take extreme caution when climbing heights above 1.2m/4ft.

Nissan Patrol Y62/ Armada RNPB1

Parts List

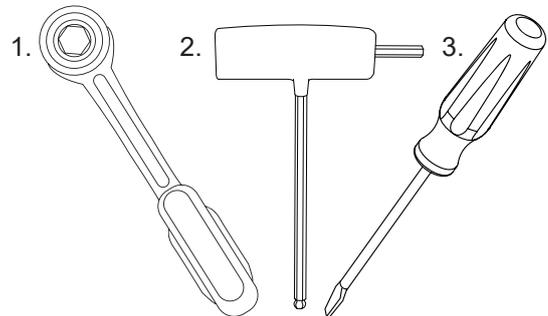
For use with Pioneer range 42104,45104, 42107 or 45107.
Pioneer range sold as separate.



Right Side Pictured

Item	RNPB1 Kit	Qty	Part No.
1	Patrol Left Rail	1	CA1468
2	Patrol Right Rail	1	CA1469
3	M8x20 Skt Screw	12	B050
4	M8 Spring Washer	18	W019
5	M8x16x1.6 Flat Washer	12	W020
6	M8 Channel Nut	6	N003
7	M8x24x2 Flat Washer	6	W043
8	M8x20 Hex Head Bolts	6	B020-BLK
9	Butyl Patch 45x25	12	CA1260
10	Short 6mm Allen Key	1	H009
11	Instructions	1	R1089

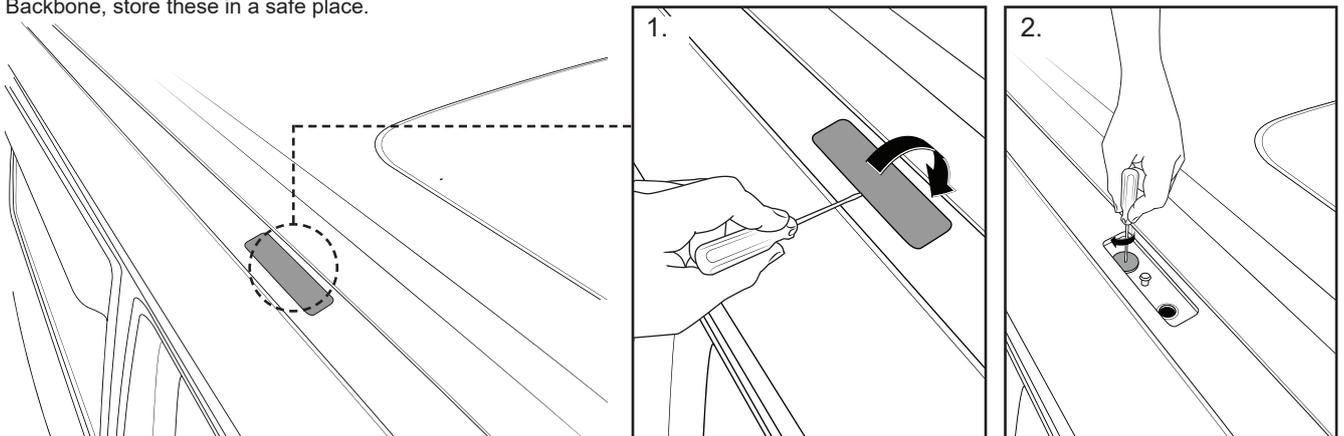
Tools Required:



1. Socket Wrench
2. 6mm Ball End Allen Key (recommended)
3. Flat blade/ Phillips Screw Driver

Removing Fixed point mount covers

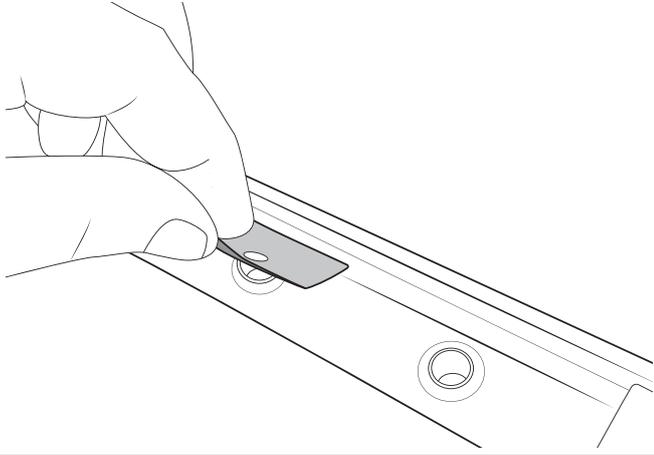
Move to the roof of the vehicle. Remove the six Mounting Point Covers (three per side). Use a Flat Blade Screw Driver to carefully flip off the Covers. Remove the two M8 Plastic Screws with a Phillips Screw Driver. Note that these are not required to fit the Backbone, store these in a safe place.



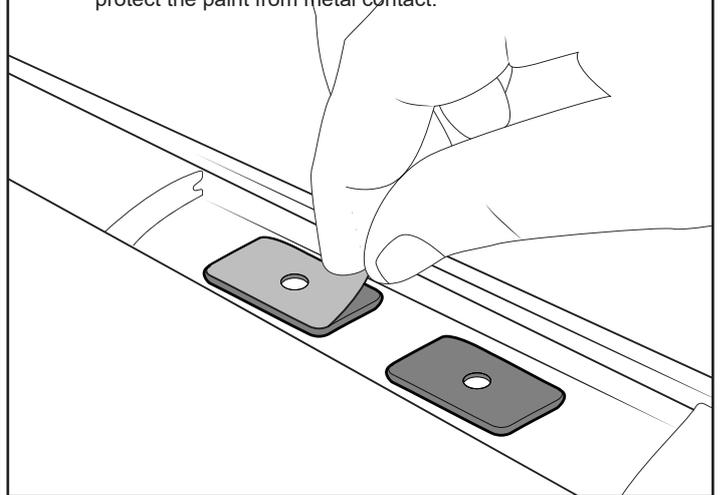
Nissan Patrol Y62/ Armada RNPB1

Mounting Backbone Rails and Pioneer Platform

- 1** Remove backing tape of the butyl patch and position over the top of mounting holes. Ensure patch has adhered to channel surface securely. Repeat this step for all 12 holes.

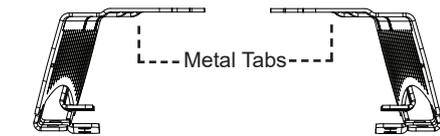


- 2** Once all butyl patches are placed, remove top cover tape, revealing just the Butyl. This will create a watertight seal and protect the paint from metal contact.

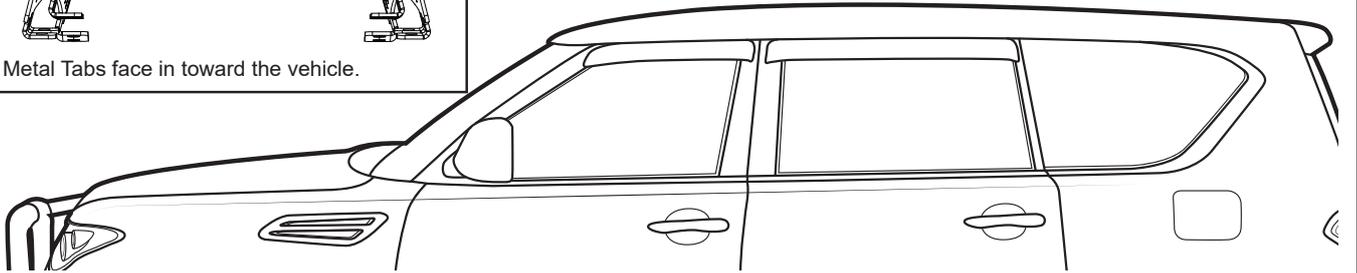


- 3** Place one side of the Backbone onto the roof of the vehicle. Line up the mounting points of the bracket to the those exposed on the roof in the previous steps.

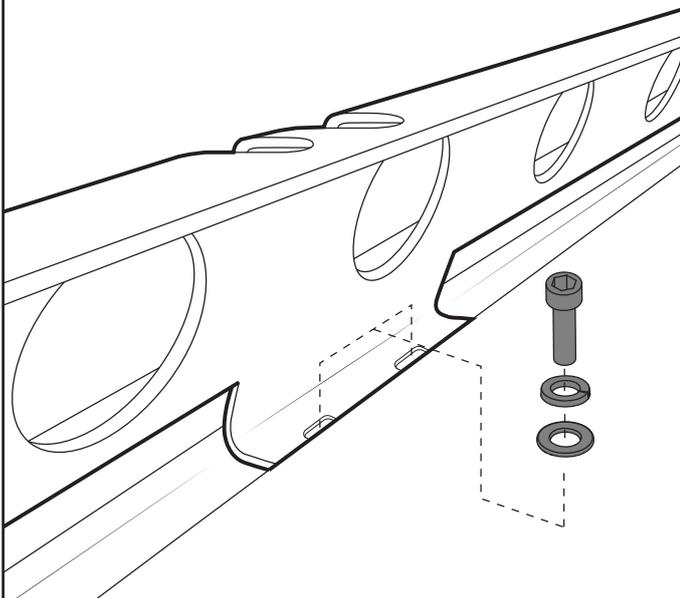
Front View:



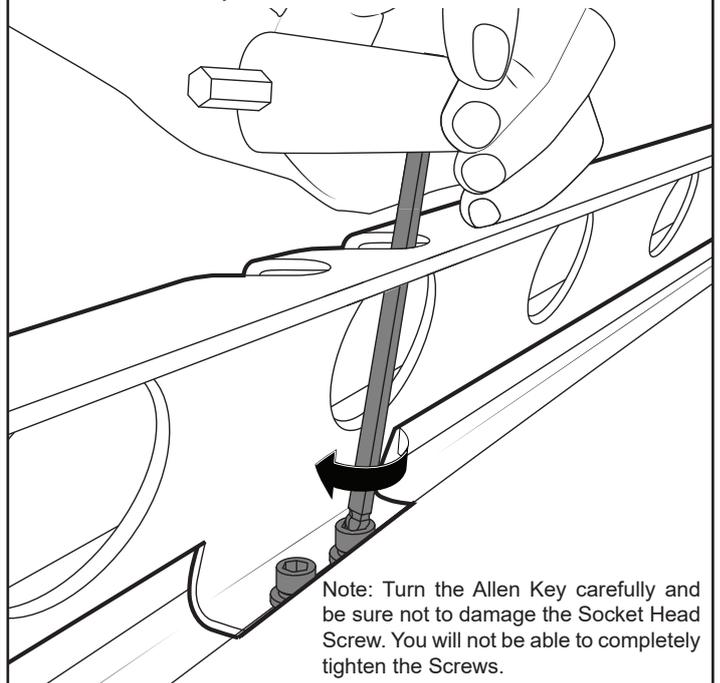
Metal Tabs face in toward the vehicle.



- 4** Using the M8 Socket Screws, M8 Spring and Flat Washers, place the hardware into mounting holes of rails. Make sure hardware and holes align with fixed roof mounts before proceeding to Step 5.



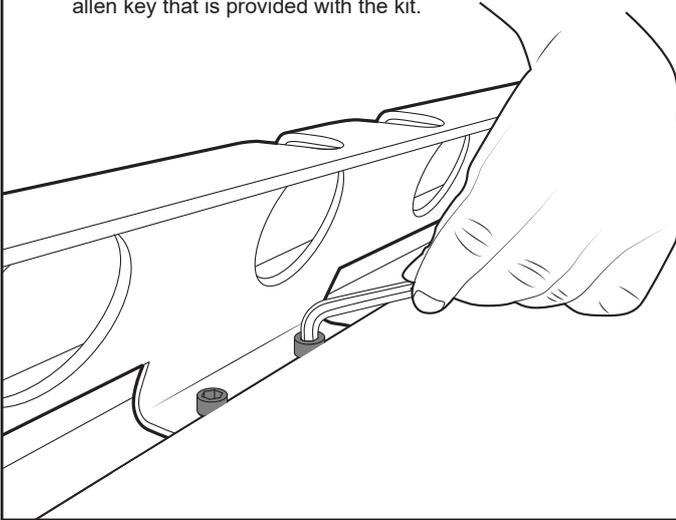
- 5** Start carefully securing Backbone by tightening M8 socket hardware into the roof fixed mount points with a 6mm Ball End Allen Key.



Note: Turn the Allen Key carefully and be sure not to damage the Socket Head Screw. You will not be able to completely tighten the Screws.

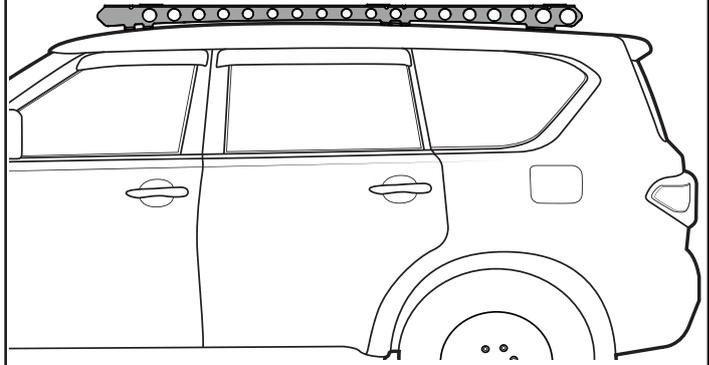
Nissan Patrol Y62/ Armada RNPB1

- 6** After all bolts have been tightened as much as possible with the ball end allen key - tighten completely using the small 6mm allen key that is provided with the kit.

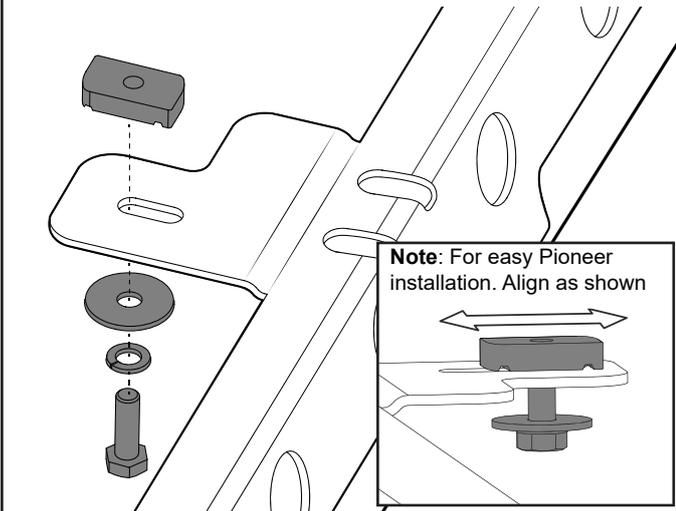


- 7** Repeat steps 3-6 for securing opposite side Backbone rail.

Ensure both plates are securely positioned on the car. Check each bolt before proceeding to attaching the Pioneer tray to the backbone rails.



- 8** Assemble M8 hardware as pictured below. Complete this for the six tabs on top of the backbone rails (3 each rail).



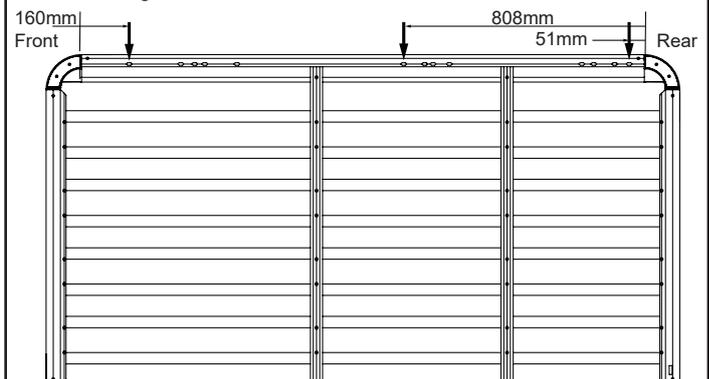
- 9** Install Pioneer underbars with slots indicated (42104, 45104, 41104, 42107, 41107 or 45107)

Front: 160mm from Front

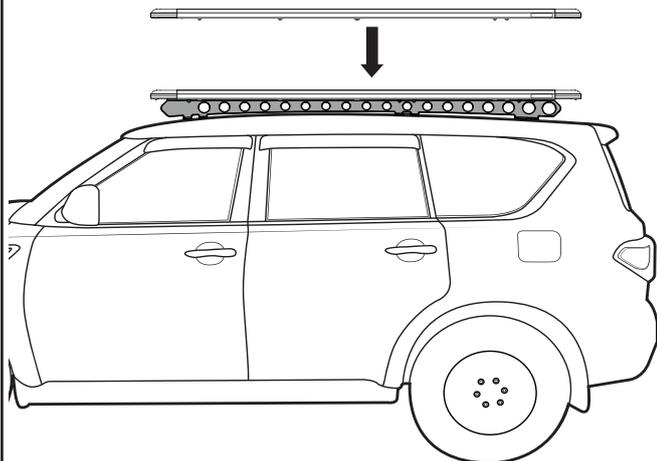
Middle: 808 from Rear

Rear: 51mm from Rear

For detailed underbar installation instructions, refer to Pioneer fitting instructions.



- 10** After underbars have been correctly fitted, place the Pioneer tray on top of the Backbone rails. Align the underbars with the top tabs and ensure the M8 hardware fits into underbar channel.



- 11** Once Pioneer underbars have been aligned properly, tighten all M8 hardware using 13mm socket wrench or 13mm spanner. Ensure channel nut has rotated within Pioneer underbar and is fixing Pioneer securely.

