



CONTROLLED

RHINO-RACK

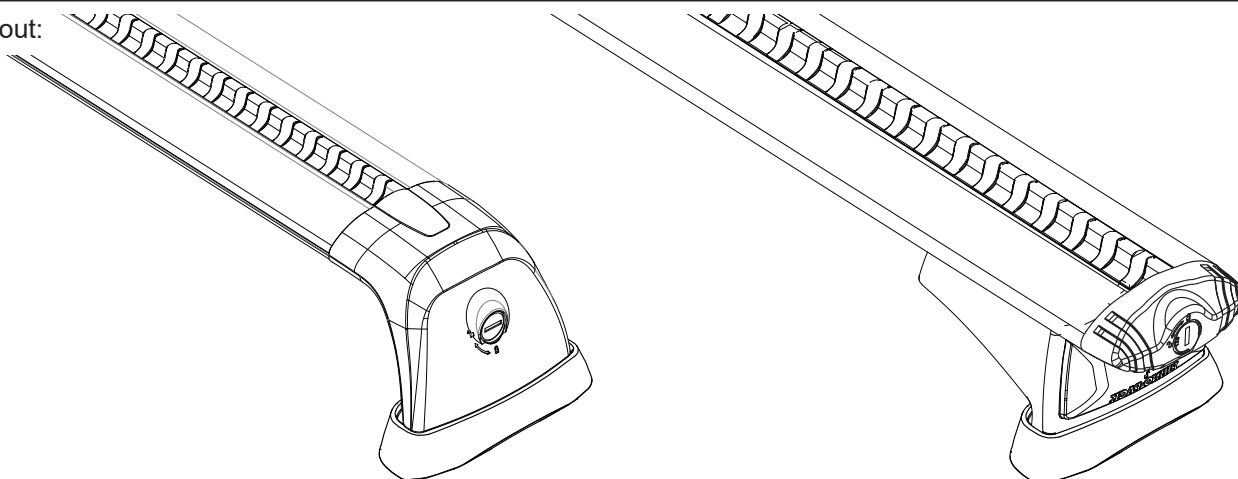
RCP21-BK

PEUGOT Expert 2dr Van SWB/LWB 04/08 - 03/15

CITROEN Dispatch 2dr Van Low Roof SWB/LWB - 04/08 - 12/13

FIAT Scudo 2dr Van Low Roof SWB/LWBV 04/08 - 12/15

Layout:



Maximum carrying capacity:

Crossbar Setup	On Road Cargo Allowance	Off Road Cargo Allowance	Roof Allowance	Rack Weight (includes legs and crossbar)
Three crossbar system	110kg / 242lbs	73kg / 160lbs	120kg / 264lbs	10kg / 22lbs

Off Road: Any driven path taken that is not on sealed (tared / bitumen) and maintained

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

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 the Rhino-Rack website to ensure you have the latest issue of the instructions
- 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:

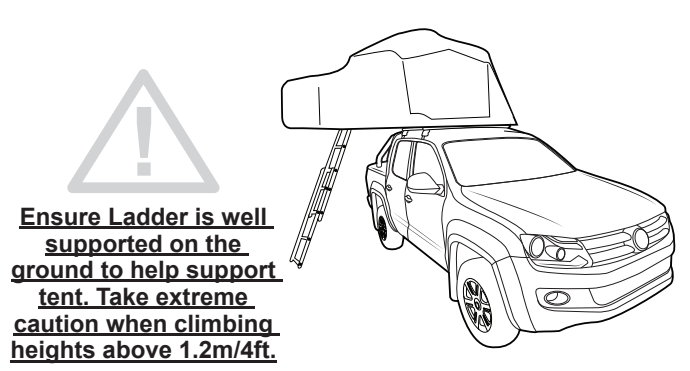
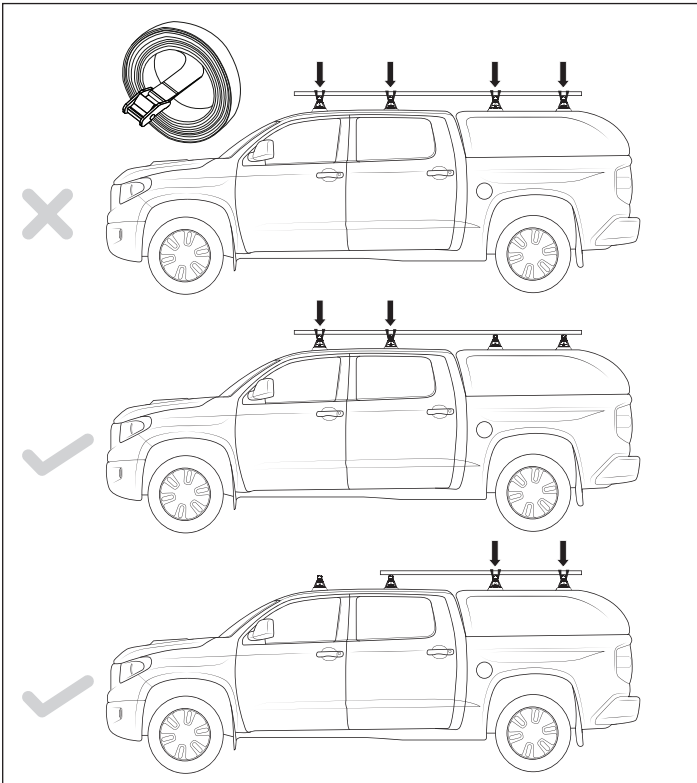
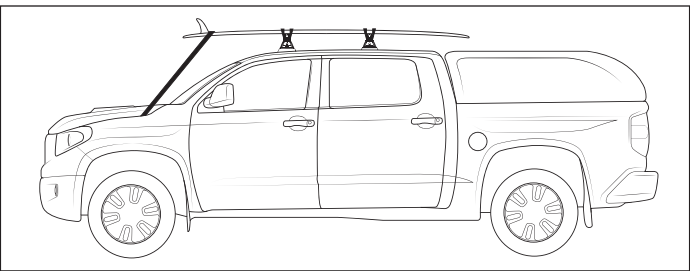
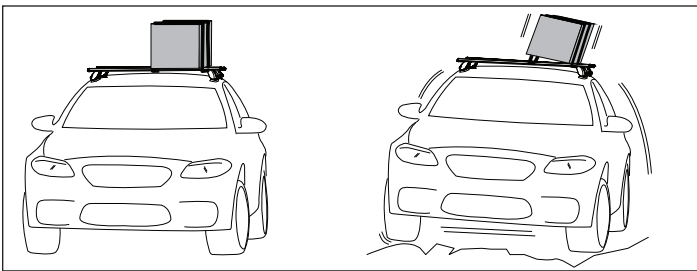
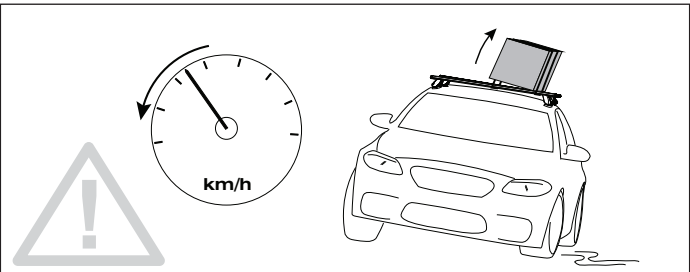
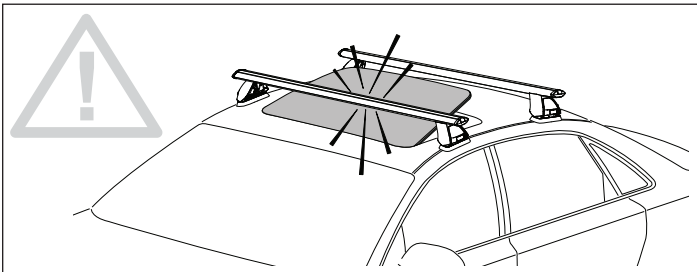
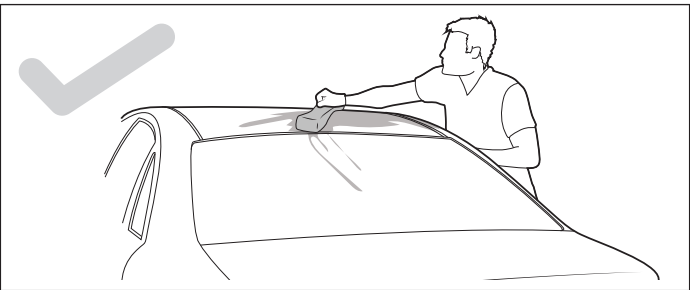
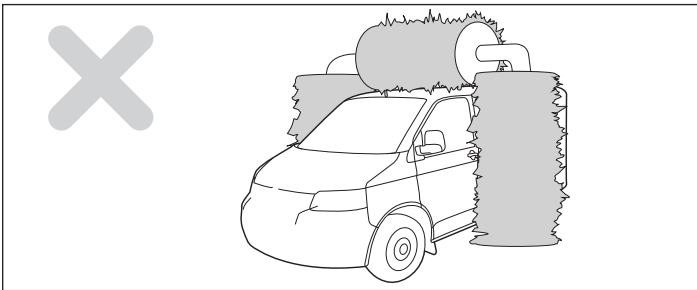
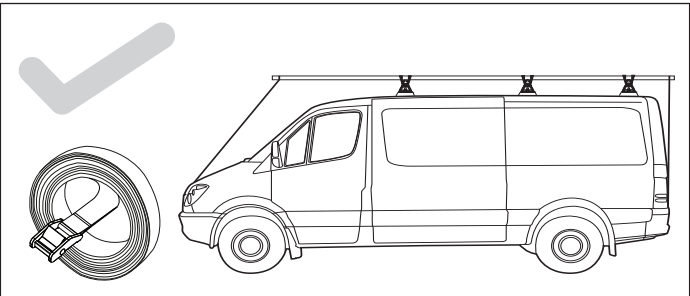
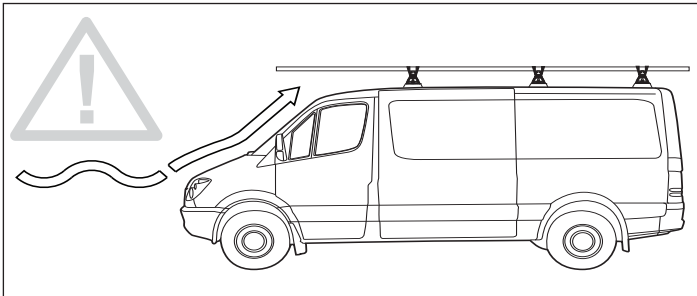
It is your responsibility to ensure these fitting instructions are given to the end user or client.

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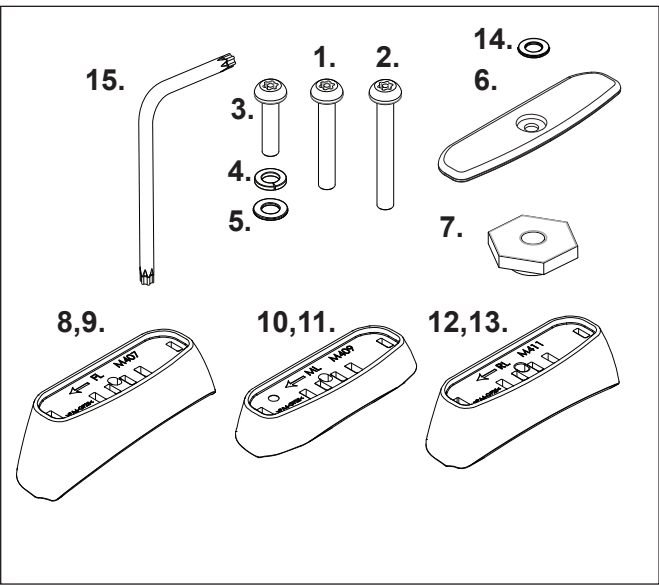
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Parts List

Item	Component Name	Qty	Part No.
1	M6 x 40mm Torx	2	B248
2	M6 x 45mm Torx	2	B249
3	M6 x 32mm Torx	2	B246
4	M6 Spring Washer	6	W004
5	M6 x 16mm Flat Washer	6	W031
6	Pad Cover Plate	6	M126
7	Spigot Nut	6	N042K
8	Front Left Pad	1	M407
9	Front Right Pad	1	M408
10	Middle Left Pad	1	M409
11	Middle Right Pad	1	M410
12	Rear Left Pad	1	M411
13	Rear Right Pad	1	M412
14	M6 Washer (used on cover plate)	4	W003
15	T27 Torx Key	1	H054
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WARNING:

Failure to use the correct length M6 screws will result in vehicle damage. Refer Step 3.

Tools Required: Torx key, provided in kit.

Instructions

1

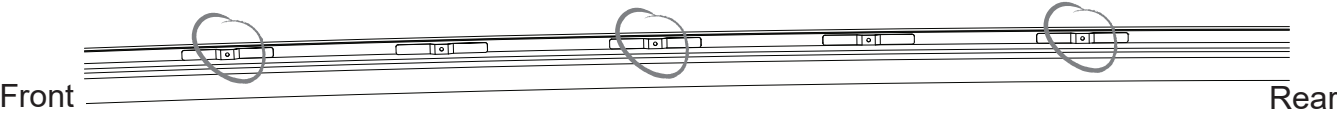
Short Wheel Base (SWB):

Two or Three cross bar option is available for the SWB van which has five roof mounting brackets. Use only the mounting brackets as indicated below.

Two cross bars; Front & Middle, or Rear & Middle.

Three cross bars; Front, Middle, Rear.

Top view of roof.



Long Wheel Base (LWB):

Two or Three cross bar option is available for the LWB van which has six roof mounting brackets. Use only the mounting brackets as indicated below.

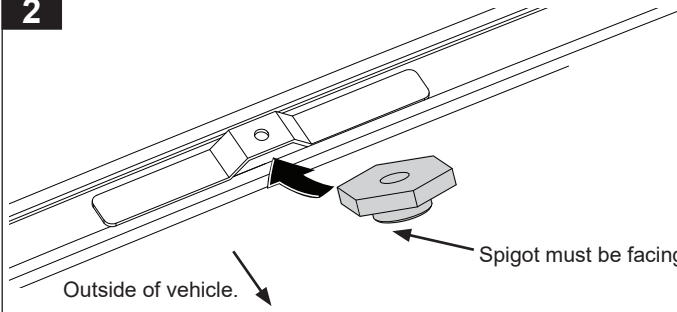
Two cross bars; Front & either of the two Middle brackets, or Rear & either of the two Middle brackets.

Three cross bars; Front, either of the two Middle and Rear.

Rear



2



Fit brass hex spigot nut:

Carefully place the brass hex spigot nut (*spigot facing down*) under the raised bracket. Fit from the outer side of the vehicle.

Fit nuts to all brackets that you will be using - refer Step 1 for positioning of two and three cross bars.

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3 Roof pad orientation:

Pad orientation is identified by the lettering on top. Arrows on pads must face towards front of vehicle when installed.

WARNING: Different length M6 screws are used for the pads.

As shown below, failure to use the correct length screws will result in vehicle damage.

FL = Front Left

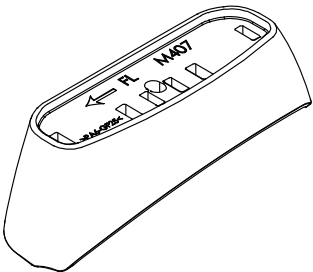
ML = Middle Left

RL = Rear Left

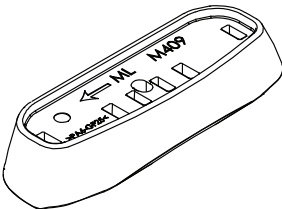
FR = Front Right

MR = Middle Right

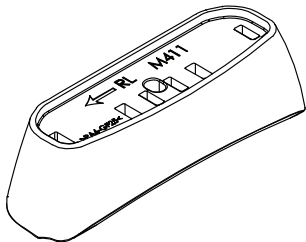
RR = Rear Right



FRONT Left & Right pad.
M6 x 45mm screw.



MIDDLE Left & Right pad.
M6 x 32mm screw.

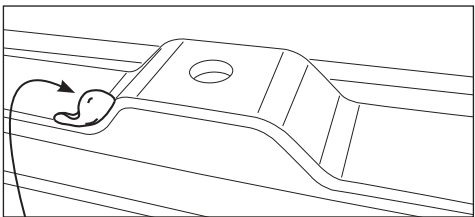


REAR Left & Right pad.
M6 x 40mm screw.

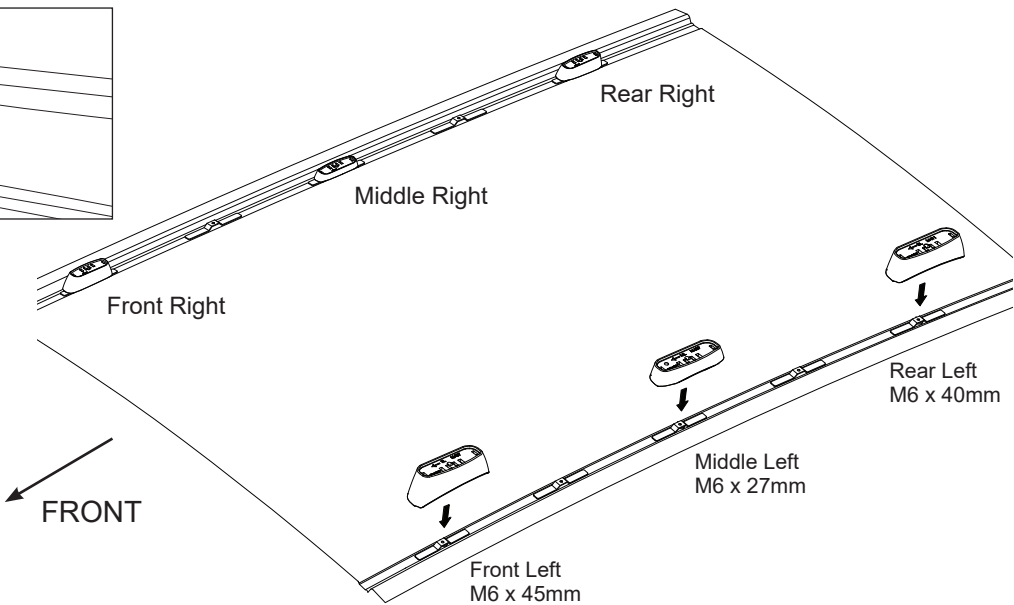


4 Sit pads on roof brackets:

Three cross bar SWB shown. Check each bracket on the roof to make sure the surface is free of dirt. Also check that no lumps of drip check are on the mounting surface of the bracket otherwise the pad will not sit correctly. Remove drip check lumps if necessary.

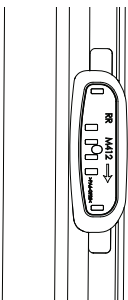


Check for blobs of drip check
and remove if necessary.



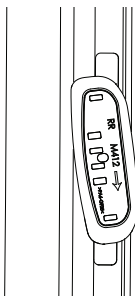
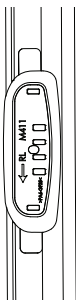
5 Check pads for correct alignment:

Check that each pad is parallel to the opposing side and sitting properly on the roof brackets.



Opposing pads must be
parallel to each other.

Correct.

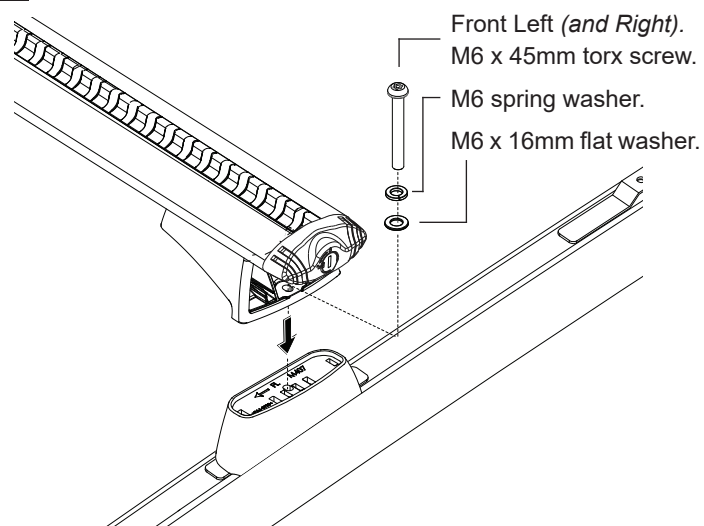


Incorrect.



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6



Locate cross bars.

Position the corresponding cross bar on the correct set of roof pads. Correct M6 screw length must be used to avoid roof damage. **Tighten the M6 screws to 3-4 Nm with the allen key provided.**

FRONT Left & Right pad.
M6 x 45mm screw.

MIDDLE Left & Right pad.
M6 x 32mm screw.

REAR Left & Right pad.
M6 x 40mm screw.

7

Fit Cover Plates:

When crossbars are not in use, remove and fit the pad covers in place.

