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 product is installed correctly.
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: 90 mins
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).

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.
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!

Racks must be removed when vehicle is put through an automatic car wash.

Manufacturers Roof load limit does not support the use of Rooftop tents.

Loads must be tied down to Platform, not around legs.

Use only non-stretch fastening ropes or straps to attach cargo to roof racks.
Ensure sunroof will not collide with 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:

- M6: 4-5Nm, 3-4lbs/ft
- M8: 8-10Nm, 6-7.5lbs/ft
- M10: 16-18Nm, 12-13lbs/ft

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.

VISIT THE ONLINE CALCULATOR FOR CURRENT SYSTEM LOAD LIMIT DATA

<table>
<thead>
<tr>
<th>Cargo System Weight</th>
<th>System Weight</th>
<th>Total Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>23 kg</td>
<td>22 kg</td>
<td>45 kg</td>
</tr>
<tr>
<td>51 lbs</td>
<td>49 lbs</td>
<td>100 lbs</td>
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</table>

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

Vehicle Height Added

- 2DR Wrangler JL = 70mm
- 4DR Wrangler JL = 66mm
- 4DR Gladiator JT = 70mm
- 4DR Wrangler JK = 95mm
### Parts List

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Side Extrusion</td>
<td>B x2</td>
<td><img src="side_extrusion.png" alt="Side Extrusion" /></td>
</tr>
<tr>
<td>Front/Rear Extrusion</td>
<td>C x5</td>
<td><img src="front_rear_extrusion.png" alt="Front/Rear Extrusion" /></td>
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<tr>
<td>Underbar</td>
<td>D x2</td>
<td><img src="underbar.png" alt="Underbar" /></td>
</tr>
<tr>
<td>LHS Corner Base</td>
<td>E x1</td>
<td><img src="lhs_corner_base.png" alt="LHS Corner Base" /></td>
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<tr>
<td>LHS Corner Cover</td>
<td>I x2</td>
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<tr>
<td>RHS Corner Base</td>
<td>G x2</td>
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<tr>
<td>RHS Corner Cover</td>
<td>H x2</td>
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<tr>
<td>M6 x 12mm Hex Head Flanged Bolt</td>
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<tr>
<td>RHS Backbone</td>
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<tr>
<td>Gutter Backbone Strap</td>
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<td>Torque Tool</td>
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<tr>
<td>Instructions</td>
<td>x1</td>
<td><img src="instructions.png" alt="Instructions" /></td>
</tr>
</tbody>
</table>

### Tools Required
- T1 - Socket Wrench
- T2 - Tape Measure
5

H

100-003-00001

L

L

L

J

100-003-00002

INNER SIDE
PART IDENTIFIER

6

K

D

Q

P

D

7

6Nm
4.4LB/FT

Q

P

7a

7b
Installation orientation differs between vehicle models. Refer to your vehicle's installation orientation below.

**INSTALL ORIENTATION FOR:**
- 4DR Wrangler JK
- 4DR Gladiator JT

**INSTALL ORIENTATION FOR:**
- 4DR Wrangler JL
- 2DR Wrangler JL
2 DOOR
Wrangler JL = 40mm

4 DOOR
Wrangler JL = 106mm

4 DOOR
Gladiator JT = 100mm
Wrangler JK = 65mm

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