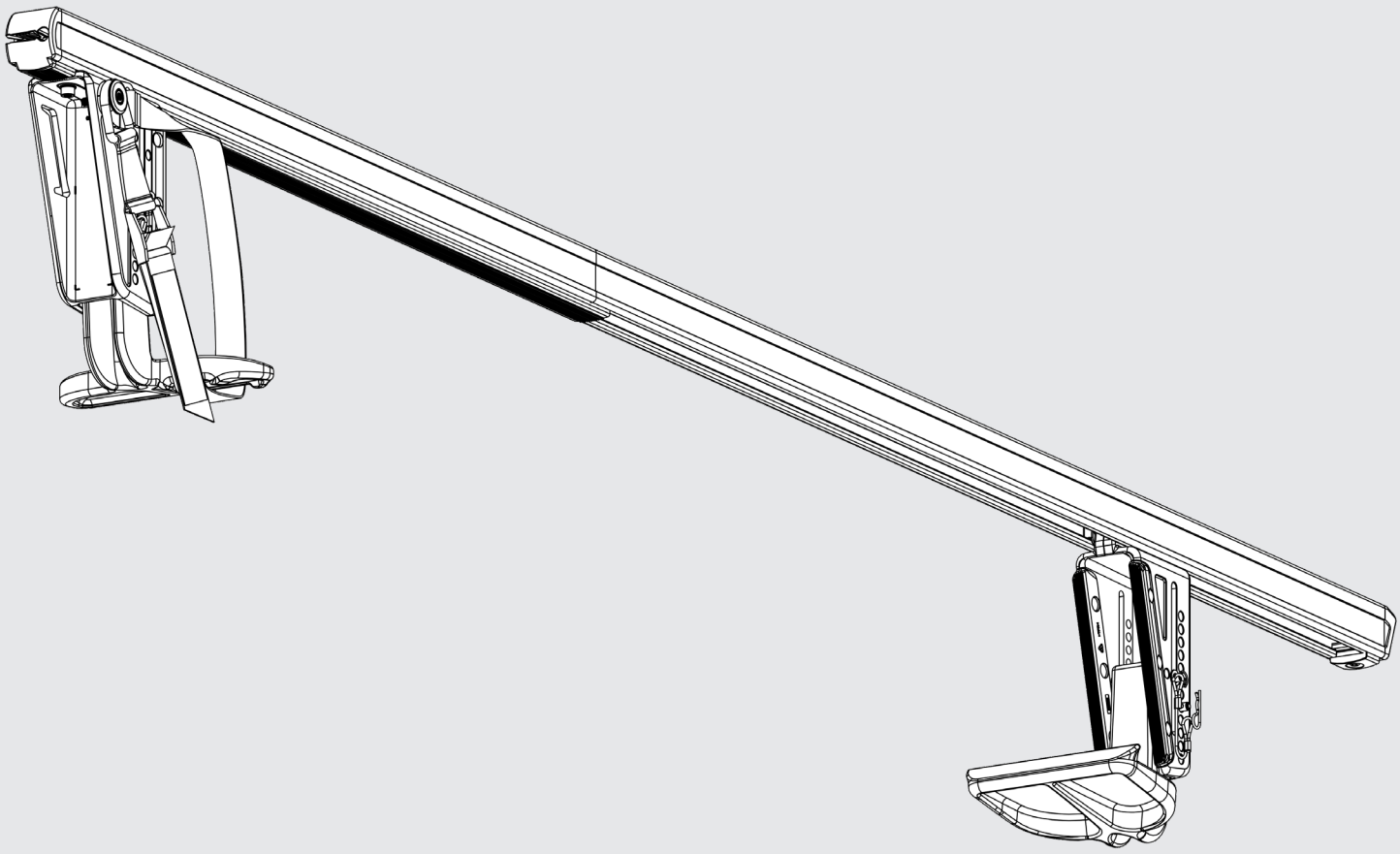
RHINO-RACK

CONTROLLED

Internal ladder Rack - ILRRACK

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.



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Issue No: 01
Issue Date: 10/08/20

Carrying Capacity

System load capacity: 14kg / 31lbs
Check your vehicle owners hand book for vehicle maximum carrying capacity. Please ensure you use the vehicle manufactures maximum roof allowance if it is lower than the figure listed in this instruction.
Load must be evenly distributed over the system.

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

- Always install in conjunction with an approved cargo barrier system.
- Check the Rhino-Rack website to ensure you have the latest issue of these instructions.
- Check part number/ or kit is correct for use with your vehicle.
- Please refer to your fitting instruction to ensure that the roof racks are installed in the correct locations.
- Check the contents of kit before commencing fitment and report any discrepancies.
- 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, off-road conditions can be much more rigorous. Extreme care must be taken in off road conditions.
- Do not remove any labels from the accessory.
- Always ensure you fasten your load securely.
- Use only non-stretch fastening ropes or straps to attach cargo to your load.
- Clean vehicle/ rails before fitting roof rack.
- Always secure safety strap before operating vehicle.
- Do not hang other objects from ladder rack or from ladder being transported by this accessory.
- Do not use as a grab handle.
- After loading, recheck the security of the load and Ladder Rack regularly throughout the journey.

Safety

- Check that all work practices comply with safety standards.
- Please wear appropriate clothing and use safety equipment.

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.

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.

RHINO-RACK

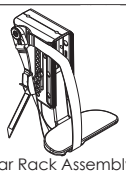
Internal Ladder Rack

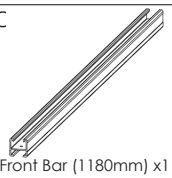
Part No : ILRRACK

Parts Supplied - ILRRACK

RA.

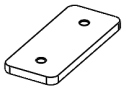
Front Rack Assembly x1

RB.

Rear Rack Assembly x1

RC

Front Bar (1180mm) x1

RD.

Rear Bar (800mm) x1

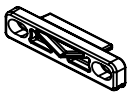
RE.

M6 Plate Nut x1

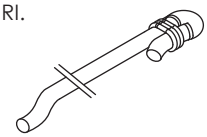
RF.

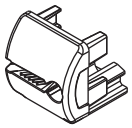
M6 x 12mm Button Head Screw x2

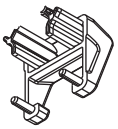
RG.

M6 Spring Washer x2

RH.

Slide Block x2

RI.

Bungee Cord x1

RJ.

Locking End Cap x1

RK.

End Cap x1

RL.

M6 x 25mm Socket Screw x2

RM.

M6 Channel Nut x 3

RN.

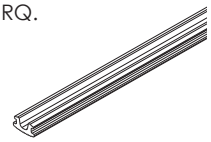
Internal Rack End Stop x1

RO.

M6 x 16mm Button Head Screw x1

RP.

M6 x 12.5mm Flat Washer x3

RQ.

Buffer Strip x1

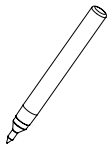
Tools and Materials Required

A.

Cleaning Rag

B.

Tape Measure

C.

Marker

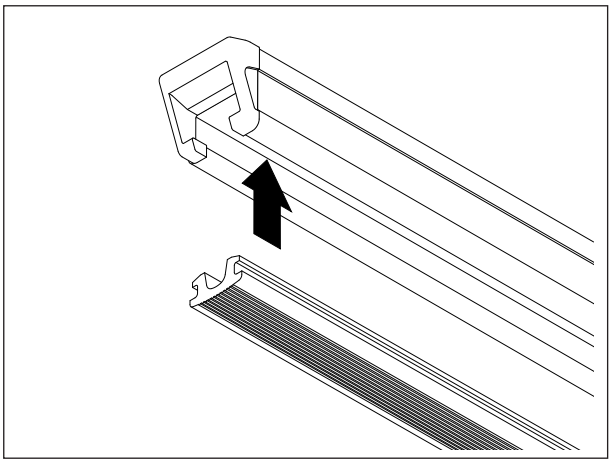
D.

Scissors

Refer to the vehicle specific installation instruction for installing your internal ladder rack to your vehicle.

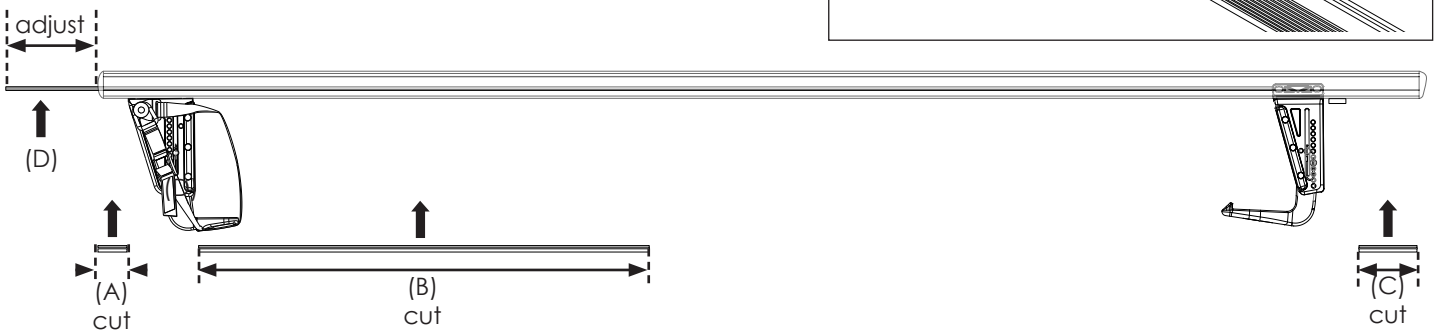
1. How to adjust for different length ladders

- Using the table below, cut the three lengths of buffer strip (A,B and C) to fit the size of the ladder.
- Adjust the bungee cord length (D) to fit the size of the ladder.



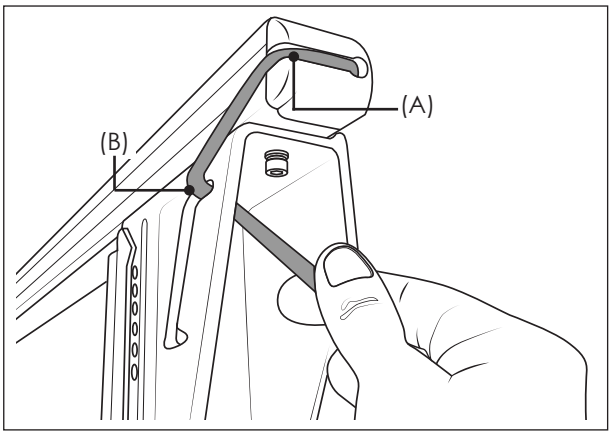
Ladder Length	Buffer A	Buffer B	Buffer C	Bungee D
1500mm	30mm	690mm	80mm	500mm
1800mm	30mm	690mm	80mm	500mm

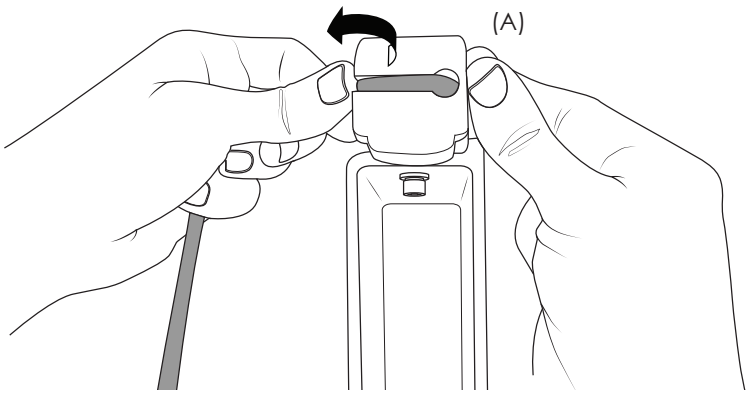
DEALER NOTE: Unless the **customer** specifies, set up for **1800mm** ladder length.

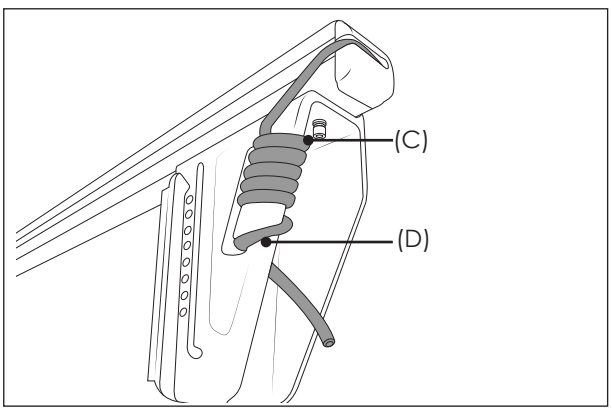


2. How to secure the bungee cord

- A) Lock the bungee cord into the V groove of the end of the locking end cap.
- B) Feed the bungee cord through the rear rack assembly and lock into the top V groove as shown.
- C) Wrap the excess bungee cord around the rack assembly as shown until there is 100mm remaining.
- D) Lock the cord into the bottom V groove.





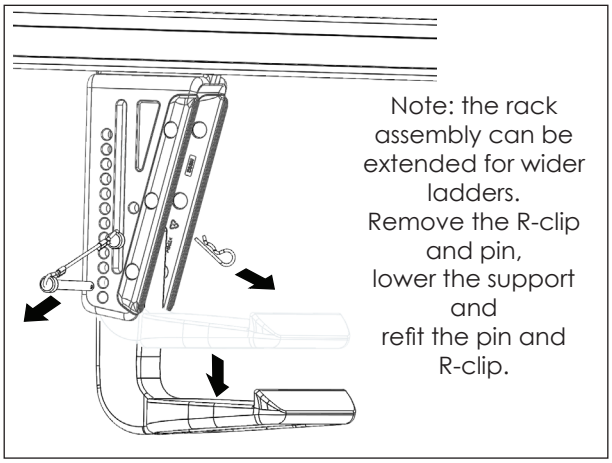


3. How to store the ladder

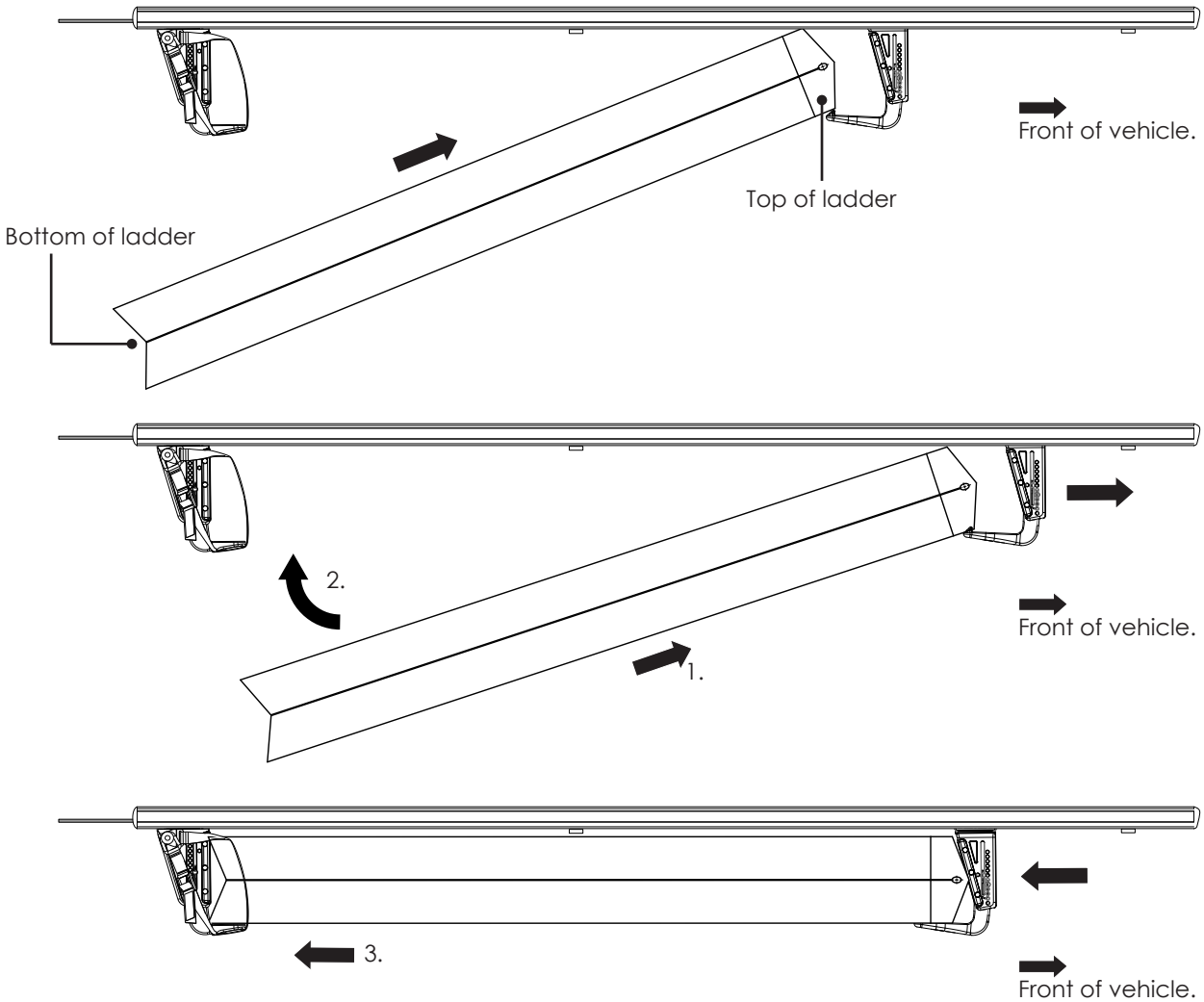
- Place the top of the ladder onto the sliding section of the rack.
- Push the ladder forward.
- Lift the bottom of the ladder upward finally resting it between both sections of the ladder rack.

Notes:

- Keep your back straight and the weight close to the center of your body.
- Avoid twisting your body without pivoting your feet at the same time.
- If required, support the ladder on the vehicle floor or ground when loading.

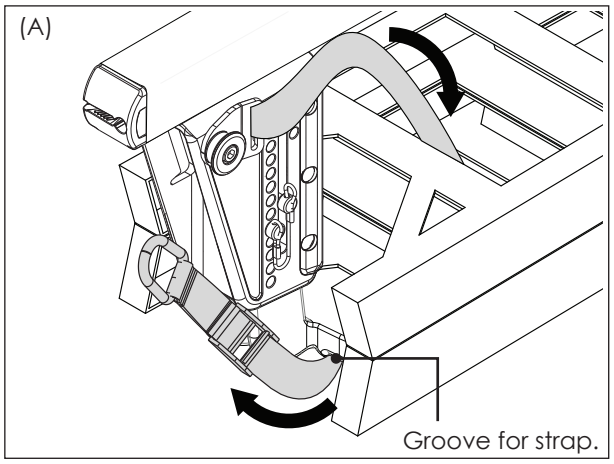


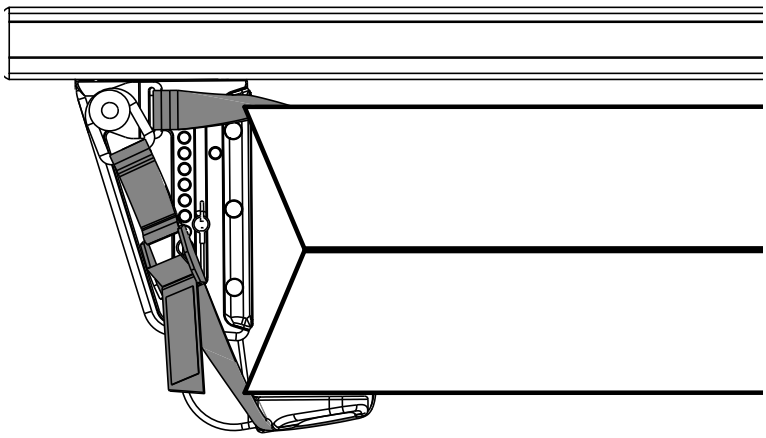
Note: the rack assembly can be extended for wider ladders.
Remove the R-clip and pin,
lower the support and
refit the pin and R-clip.

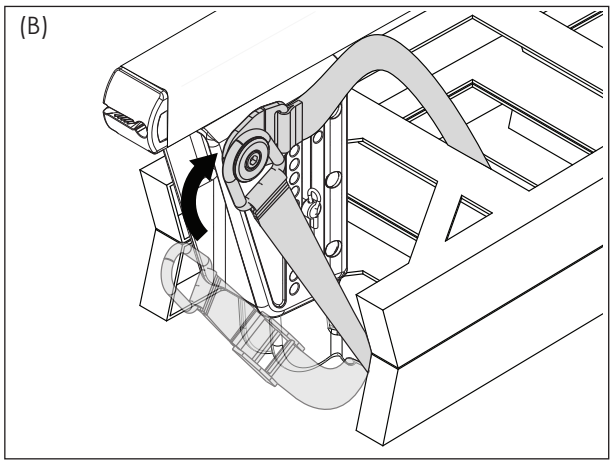


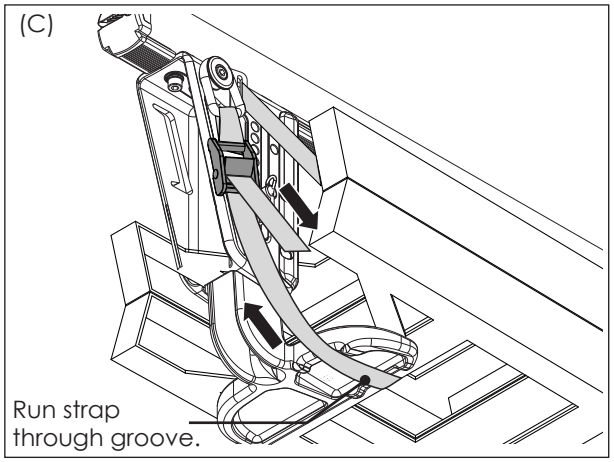
4. How to secure the ladder

- A) Wrap the safety strap around the ladder. Ensure the strap is located within the groves in the base of the rear rack assembly
- B) Place the 'D' Ring section of the safety strap over the strap mount on the ladder rack.
- C) Tighten the strap, securing the ladder in place. Ensure the strap is located within the groves in the base of the rear rack assembly after tightening.









5. How to unload the ladder

- Unload the ladder in the reverse of steps 3 and 4.

6. How to store the ladder rack

- Remove the R-clip and pin.
- Raise and swing up the lower support.
- Refit the pin and R-clip into the lifting locator.