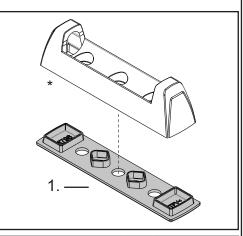


# RHINO-RACK

#### QMFK05

#### \*Note:

RLT600 Parts as separate. Fix the Quick Mount Rubber Flat Base into the Quick Mount Leg base as shown.



Item	Component Name	Qty	Part No.
1	Quick Mount Rubber Flat Base	6	M796
2	Instructions	1	R769

Issue: 01 Document No: R769 Prepared: Kayle Everett



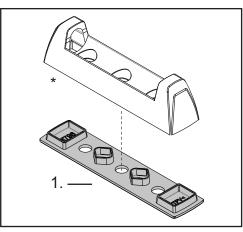
# RHINO-RACK

#### QMFK05

#### \*Note:

shown.

RLT600 Parts as separate. Fix the Quick Mount Rubber Flat Base into the Quick Mount Leg base as



Item	Component Name	Qty	Part No.
1	Quick Mount Rubber Flat Base	6	M796
2	Instructions	1	R769

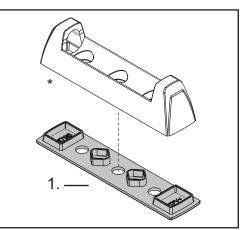
Issue: 01 Document No: R769 Prepared: Kayle Everett



#### QMFK05

#### \*Note:

RLT600 Parts as separate. Fix the Quick Mount Rubber Flat Base into the Quick Mount Leg base as shown.



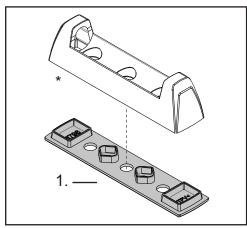
Item	Component Name	Qty	Part No.
1	Quick Mount Rubber Flat Base	6	M796
2	Instructions	1	R769

Issue: 01 Document No: R769 Prepared: Kayle Everett

#### QMFK05

#### \*Note:

RLT600 Parts as separate. Fix the Quick Mount Rubber Flat Base into the Quick Mount Leg base as shown.



Item	Component Name	Qty	Part No.
1	Quick Mount Rubber Flat Base	6	M796
2	Instructions	1	R769

Issue: 01 Document No: R769 Prepared: Kayle Everett

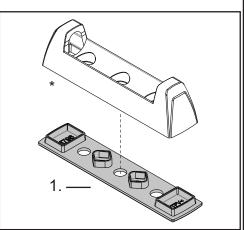


# NO-RACK

#### QMFK05

#### \*Note:

RLT600 Parts as separate. Fix the Quick Mount Rubber Flat Base into the Quick Mount Leg base as shown.



Item	Component Name	Qty	Part No.
1	Quick Mount Rubber Flat Base	6	M796
2	Instructions	1	R769

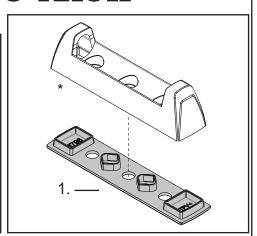
Prepared: Kayle Everett Issue: 01 Document No: R769



#### QMFK05

#### \*Note:

RLT600 Parts as separate. Fix the Quick Mount Rubber Flat Base into the Quick Mount Leg base as shown.

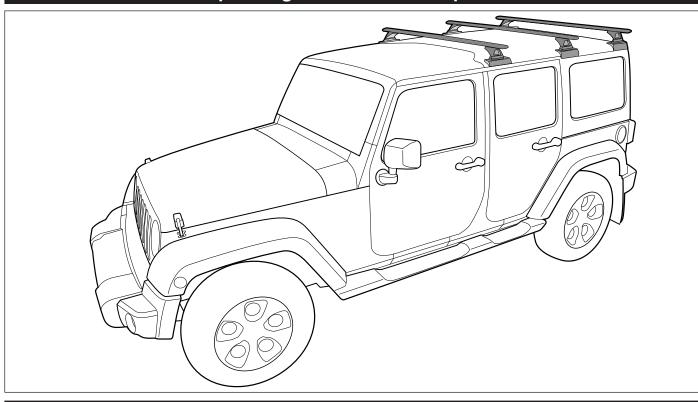


Item	Component Name	Qty	Part No.
1	Quick Mount Rubber Flat Base	6	M796
2	Instructions	1	R769

Issue: 01 Document No: R769 Prepared: Kayle Everett

# BACKBONE

## Jeep Wrangler JK 4dr Hard Top 2007 0n



## **Important Information**

Max: 120kg (264lbs) - Three Crossbars. Max: 100 (220lbs) - Two Crossbars. Time: 2 Hours.

Read through instructions before installation. If you are unsure or have any questions, refer to the dealer or place of purchase.

#### **Recommendations:**

It is essential that all bolt connections be checked after driving a short distance when you first install your crossbars. Bolt connections should be checked again at regular intervals (probably once a week is enough, depending on road conditions, usage, loads and distances travelled). You should also check the crossbars each time they are refitted. Make sure to fasten your load securely. Please ensure that all loads are evenly distributed and that the centre of gravity is kept as low as possible. Use non stretch ropes.

Please remove crossbars when putting vehicle through an automatic car wash.

#### Load Ratings:

Maximum permissible load is 120kg (264lbs) for three crossbars including the weight of the crossbars, 7.5kg (16lbs) for three bars and 5kg (11lbs) for two bars. When crossbars are to be used in off-road conditions, please build a safety factor of 1.5 into this load limit for off-road use, three crossbars = **80kg (176lbs)** and two crossbars = **66kg (145lbs)**. Although the crossbars are tested and approved to AS1235-2000, Off road conditions can be much more rigorous. However, increasing the number of crossbars does not increase the vehicles maximum permissible roof loading.

Note for Dealers and Fitters: This is a two person installation. The removal of the hard top requires assistance. It is your responsibility to ensure instructions are given to the end user or client.

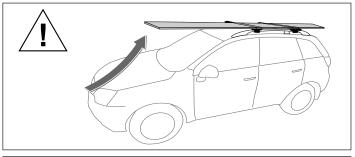
Rhino-Rack 3 Pike Street, Rydalmere, NSW 2116, Australia. (Ph) (02) 9638 4744 (Fax) (02) 9638 4822

Document No: R433 Prepared By: Kayle Everett Authorised By: Chris Murty

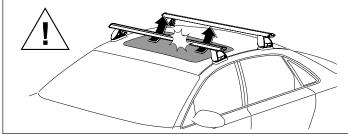
Issue No: 04 Issue Date: 18/09/2014

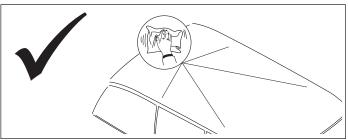
These instructions remain the property of Rhino-Rack Australia Pty. Ltd. and may not be used or changed for any other purpose than intended.

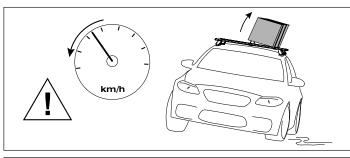


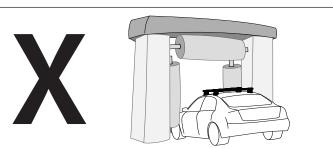


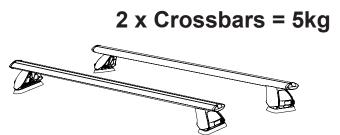


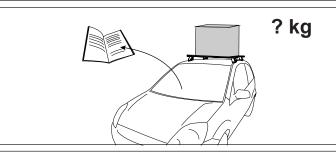












When these roof racks are to be used on a vehicle that is driven off sealed roads the maximum load rating must be divided by 1.5. Remember to subtract the weight of the roof racks to determine your maximum permissible load capacity.



3 bars 120kg
(264lbs)
2 bars 100kg
(220lbs) load
rating (Urban road)

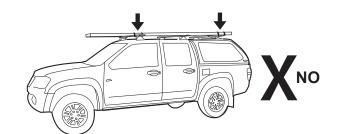
3 bars 80 kg (176lbs) 2 bars 66kg (145lbs) load rating (Off road)

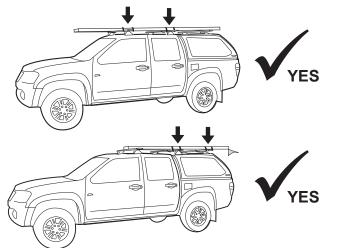
Load rating not taking into account crossbar weight - 5kg



#### **WARNING!** Important Load Carrying Instructions

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 roofracks or the canopy roofracks.

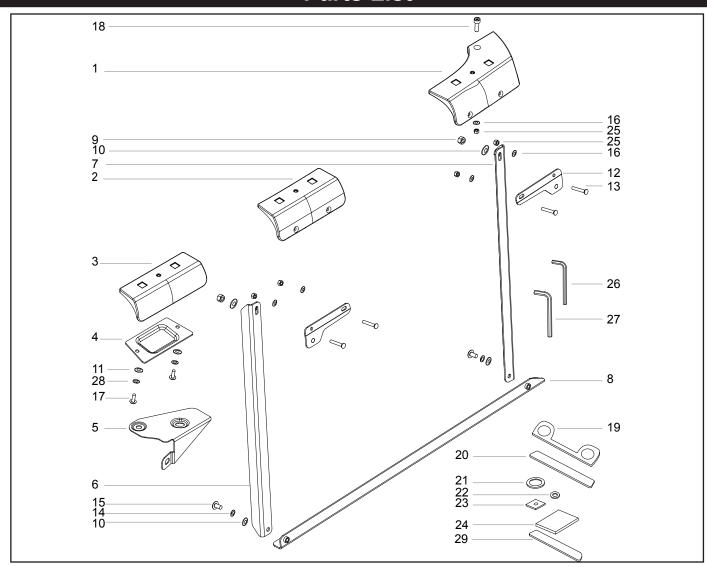








## **Parts List**



Item	Component Name	Qty R	Qty L	Part No.
1	Rear Bracket	1	1	CA1274
2	Middle Bracket	2		CA1275
3	Front Bracket	2		CA1276
4	Backing Plate	2		CA1277
5	Front Support Plate	1	1	CA1278
6	Internal Support Vertical	2		CA1279
7	Internal Support Vertical	2		CA1280
8	Internal Support Base	1	1	CA1281

#### Tools Required:

-10mm Spanner -Support Stands

- 13mm Spanner -6-18mm Step Drill

-Drill -Tape Measure

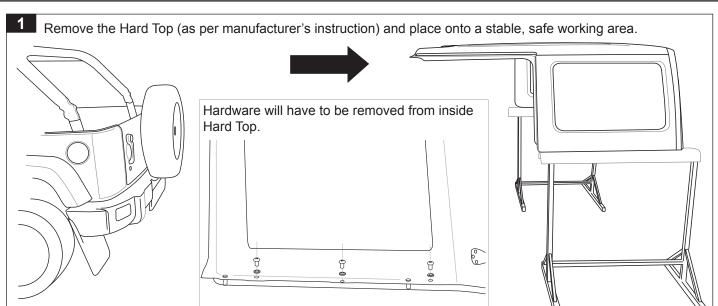
-3.0mm Drill Bit -Marker Pen

-6.5mm Drill Bit -4mm Allen Key (supplied)

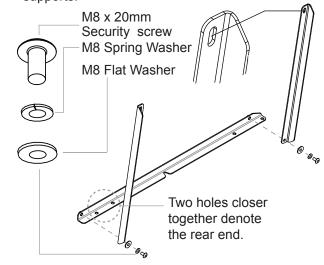
-5mm Allen Key (supplied)

Item	Component Name	Qty	Part No.
9	M8 Nyloc Nut Black	4	N043
10	M8 Flat Washer Black	8	CA1068
11	M6x12.5mm Flat Washer Black	4	W003-Blk
12	Bracket Fixture Plate	4	CA1282
13	M6 x 40 Counter Sunk HD Bolt Black	8	B211
14	M8 Spring Washer Black	4	W019-Blk
15	M8x20 Hex Setscrew Black	4	B020-Blk
16	M6 Flat Washer Black	10	W054-Blk
17	M6x20 Button Security Screw	4	B062
18	M6 x 30 Socket HD with O-Ring	2	B210
19	Front Bracket Foam	2	CA1283
20	Middle Bracket Foam	2	CA1284
21	Bracket O Foam L	2	CA1285
22	Bracket O Foam S	4	CA1286
23	Bracket Foam Square	2	CA1287
24	Bracket Support Material	2	CA1288
25	M6 Nyloc Nut Blk	10	N069
26	4mm Allen Key	1	H001
27	5mm Allen Key	1	H002
28	M6 Spring Washer	4	W004
29	End Bracket Rear Foam	2	-
30	Instructions	1	R433

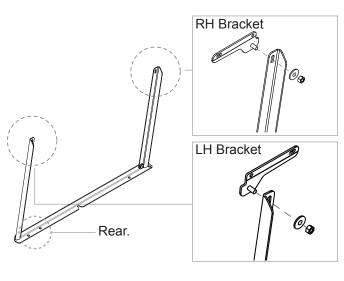


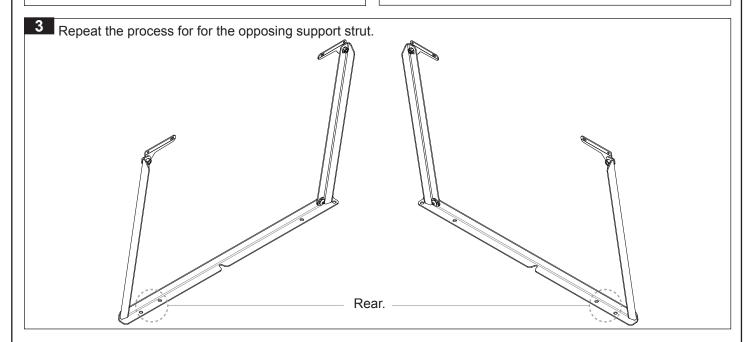


2a Assemble the Support Struts as shown. Finger tighten. Check part ID to make left and right side supports.



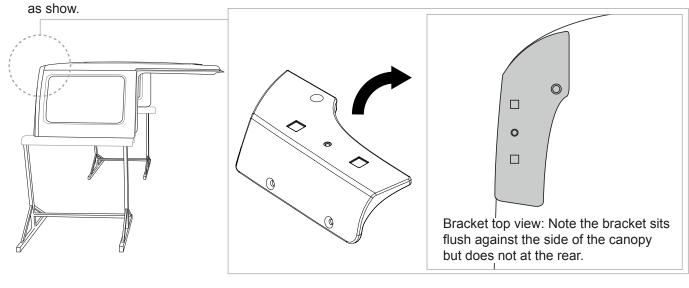
2b Attach item 12 to the arms as shown, using an M8 washer and M8 an Nyloc nut. Finger tighten.



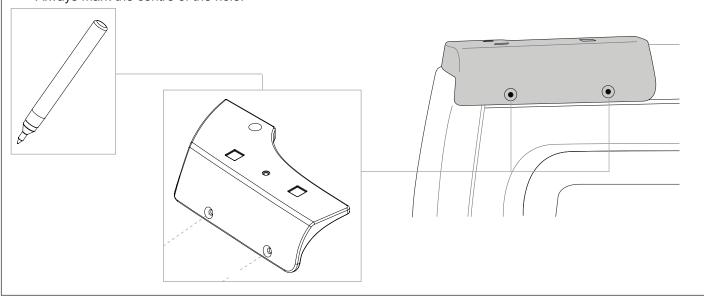


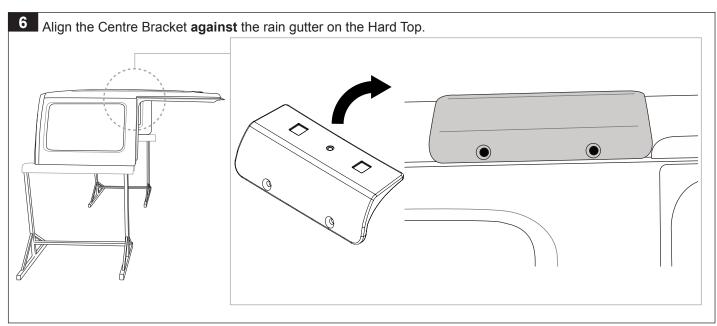


Align the REAR bracket with the REAR of the Hard Top. Line the bracket flush with the contour of the Hard Top

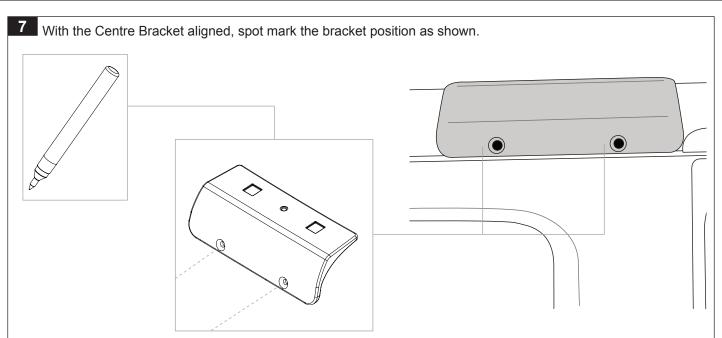


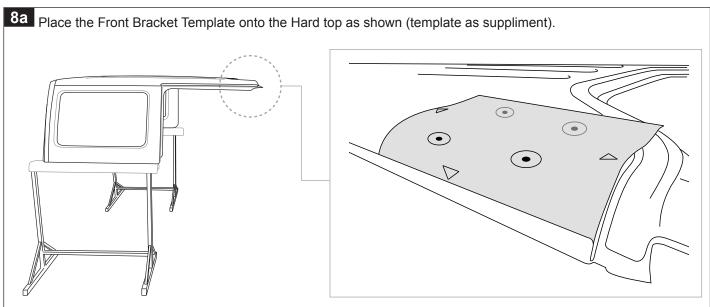
With bracket aligned, spot mark the bracket position as shown. It is important to be accurate when marking. Always mark the centre of the hole.

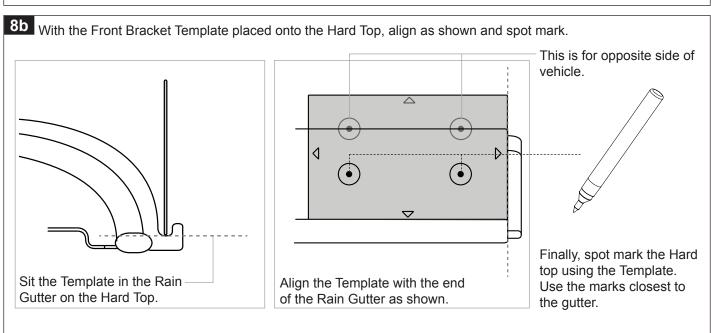






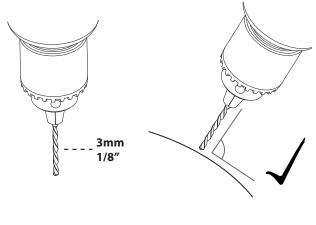


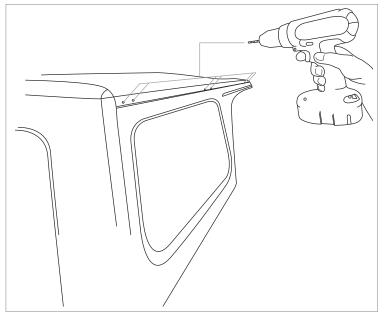




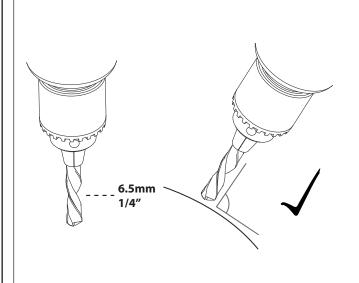


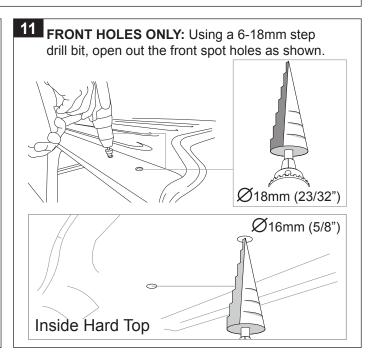
9 Using a 3mm (1/8") drill bit, spot drill ALL spot marks previously layed out. Angle drill when completing.



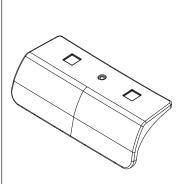


Using a 6.5mm (1/4") drill bit, drill out the REAR and MIDDLE spot drilled sections on the Hard Top.

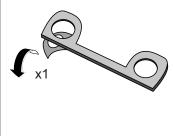




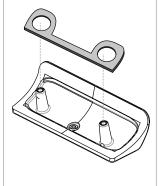
12 With relation to the Front Bracket, take corresponding foam pads and remove the protective strip as shown. Fit to bracket.



a. Remove adhesive protective strip.



b. Fit adhesive to bracket.



c. Ready for installation.



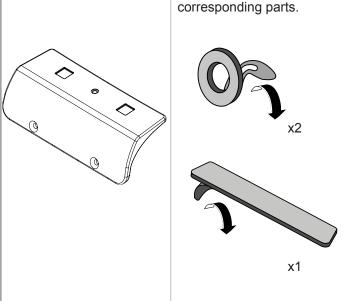


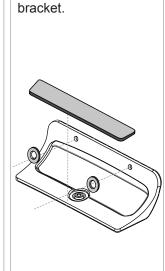
a. Remove adhesive

protective strip from

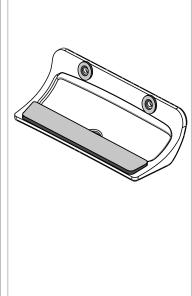


With relation to the Centre Bracket, take corresponding foam pads and remove the protective strip as shown. Fit to bracket.



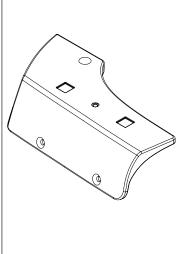


b. Fit adhesive to

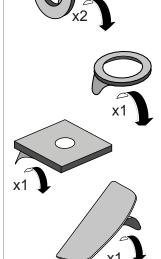


c. Ready for installation.

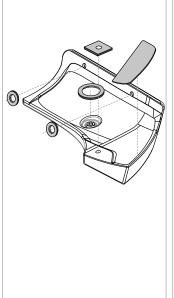
With relation to the Rear Bracket, take corresponding foam pads and remove the protective strip as shown. Fit to bracket.



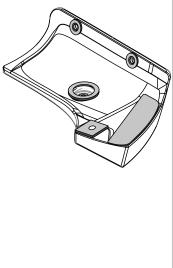
a. Remove adhesive protective strip from corresponding parts.



b. Fit adhesive to bracket.



c. Ready for installation.

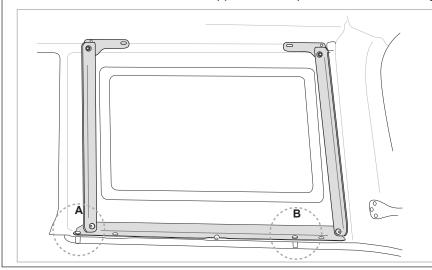




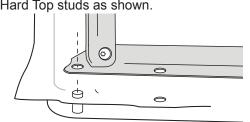


#### Note: Repeat the previous steps 4 to 14, for the opposing side of the Hard Top

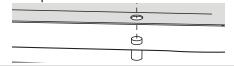
With assistance to hold the Support Strut in place, set the assembly on the inside of the Hard Top as shown.



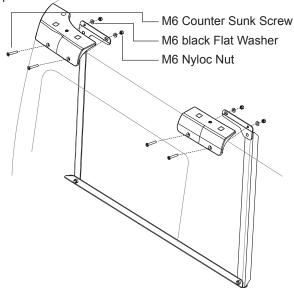
A. The Support Strut will slot onto the Hard Top studs as shown.



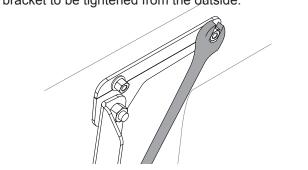
B. The Support Strut will slot onto the Hard Top studs as shown.



- With assistance to hold the Support Strut in place, move to the outside of the Hard Top. Place the REAR Bracket in place. Insert M6 counter sunk screws, fastening from the inside with M6 black flat washers and M6 Nyloc nuts. Hold the nyloc nuts in place with a 10mm spanner. Tighten from the outside with a 4mm allen key. Repeat this process for the CENTRE Bracket.
  - 1. Assemble as shown. Finger tighten to fix in place.

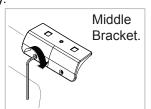


2. Hold Nyloc Nut with a spanner, allowing the bracket to be tightened from the outside.

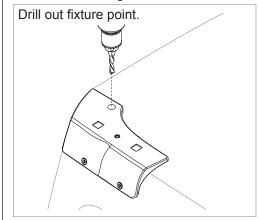


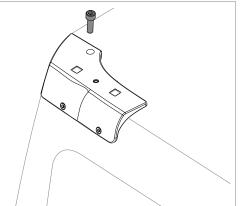
Fix with a 4mm Allen Key.





With Rear Bracket now secure, drill out the top fixture point with a 6.5mm (1/4") bit. Use an M6 socket HD bolt with O'ring, an M6 flat washer and an M6 nyloc nut to fix the bracket. View from inside Hard Top



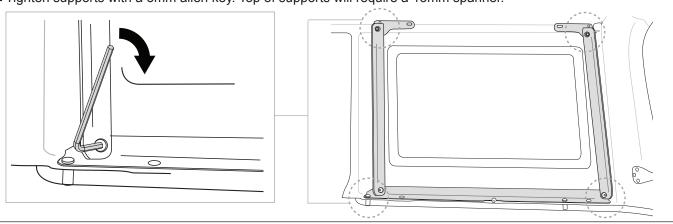




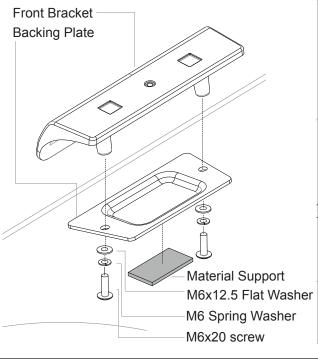


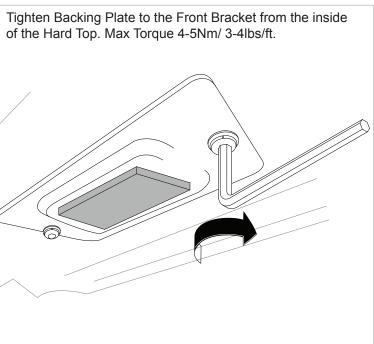


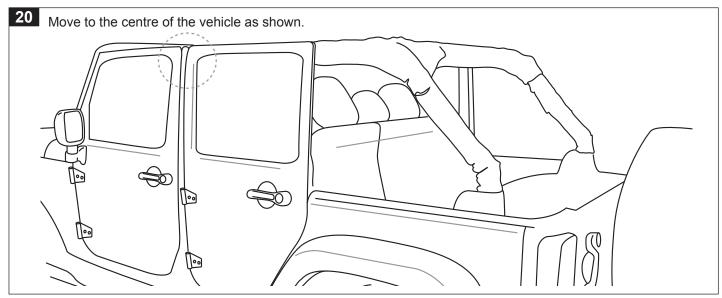
Tighten supports with a 5mm allen key. Top of supports will require a 13mm spanner.



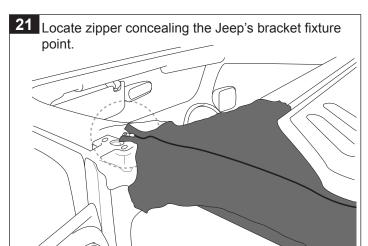
Place the FRONT Bracket onto the Hard Top. Using the black M6x20 dome head setscrews, M6 spring washers and M6 flat washers, attach the Backing plate and material support to the Front Bracket from inside the Hard Top as shown. Tighten with a 4mm Allen Key.

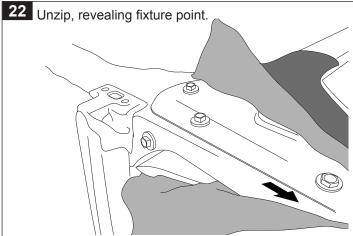






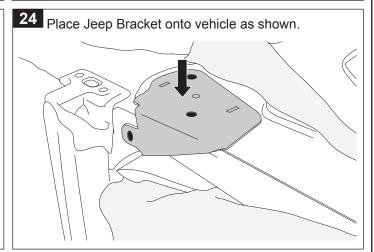




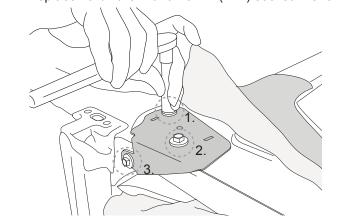


Remove hardware with a 13mm socket wrench.

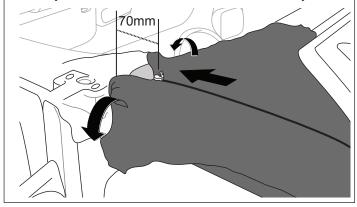




Replace hardware with a 13mm (1/2") socket wrench.

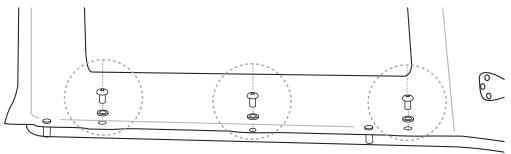


Re-zip protective cover to 70mm from the top. Tuck any excess material under and out of the way.



## Note: Repeat previous steps 15-26 for the opposing side of the Hard Top

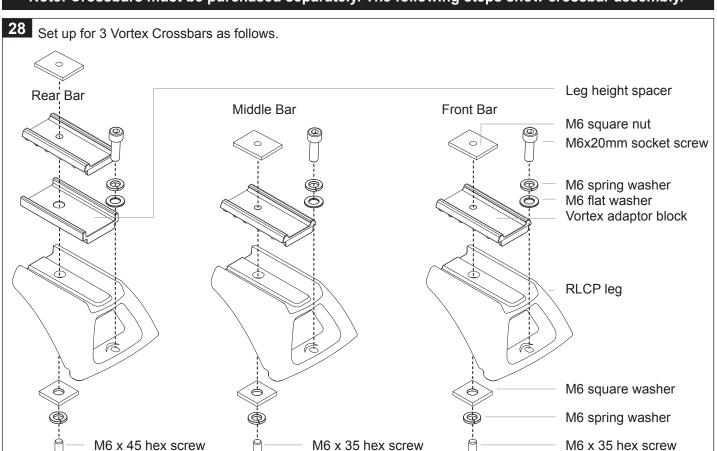
Place the Hard Top back onto the Jeep (refer to manufacturers instructions). Replace the hardware removed in step 1 on both sides of the inner Hard Top.

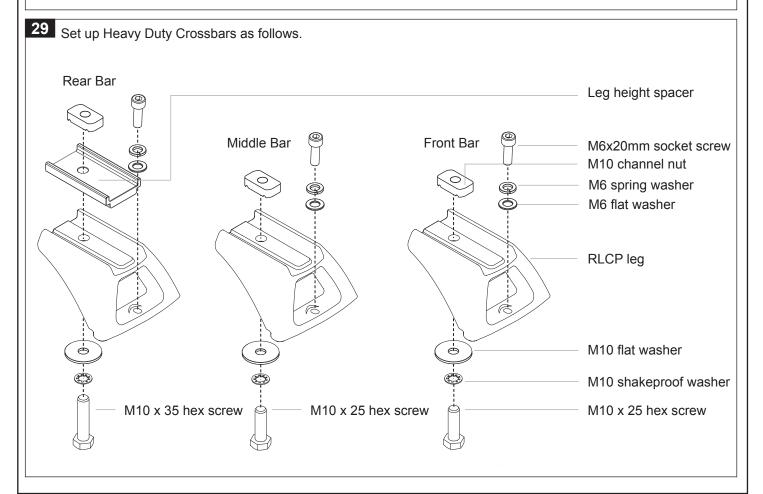




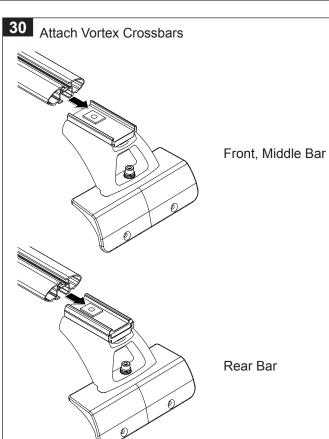


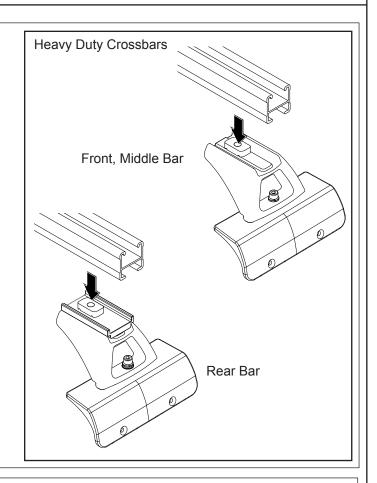
#### Note: Crossbars must be purchased separately. The following steps show crossbar assembly.



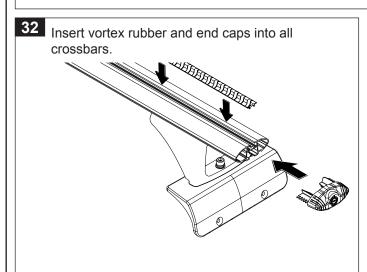


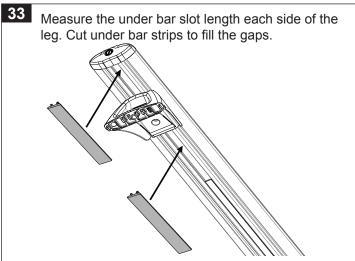






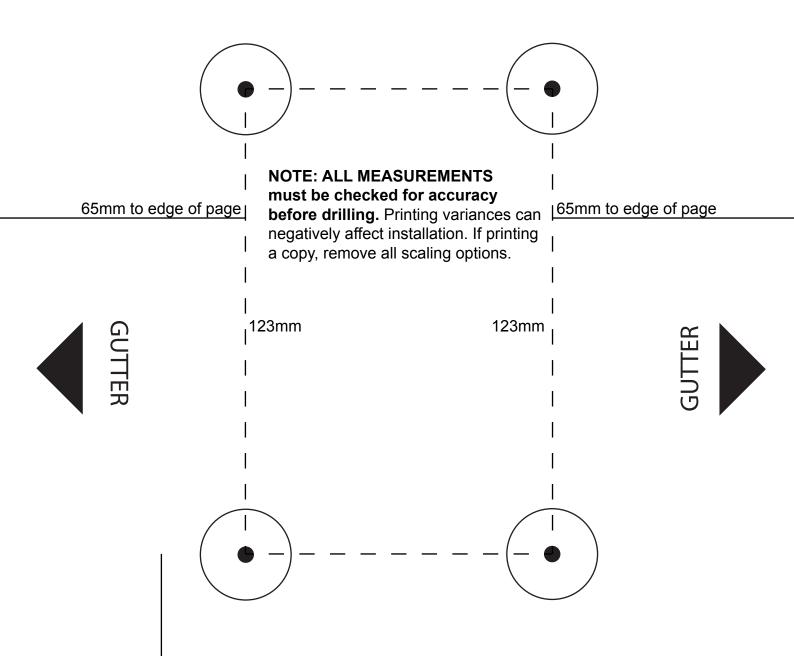
Adjust crossbar overhang to be equal on both sides. Tighten M6 crossbar bolts to 3-4Nm/ 2-3lb/ft. Tighten M6 security screws to 3-4Nm/ 2-3lb/ft.





Note: RE-CHECK ALL FASTENERS ARE SECURE.





82mm

**FRONT OF VEHICLE** 



Fold or trim template here.



Front Bracket Template:

Issue01

Prepared by: Kayle Everett

Date:22/04/14

Authorised: Chris Murty

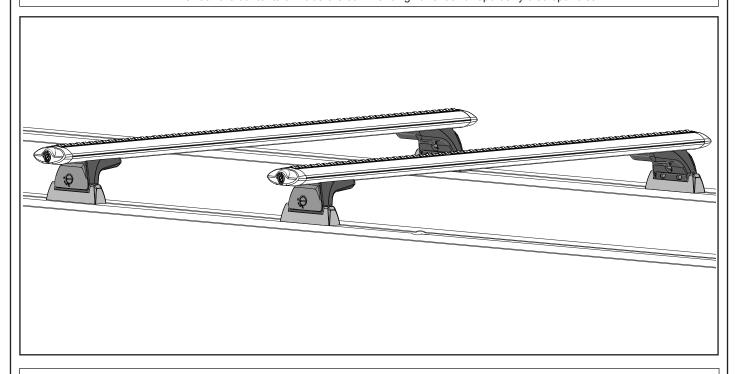
CONTROLLED



**Quick Mount Track Legs RLT600** 

Important: Please read these instructions carefully prior to and during installation.

Check the contents of kit before commencing fitment and report any discrepancies.



Clean roof prior to installation.

#### Important Information

Maximum carrying capacity: Up to 100kg. Evenly distributed over the crossbars.

It is essential that all bolt connections be checked after driving a short distance when you first install your crossbars. Bolt connections should be checked again at regular intervals (probably once a week is enough, depending on road conditions, usage, loads and distances travelled). You should also check the crossbars each time they are re-fitted.

Make sure to fasten your load securely. Ensure all loads are evenly distributed and centre of gravity is kept as low as possible. **Use only non-stretch fastening ropes or straps.** 

**Caution:** 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.

Please remove crossbars when putting vehicle through an automatic car wash.

#### Load ratings:

Maximum permissible load for system is up to 100kg per pair of crossbars. When crossbars are to be used in off-road conditions, please build a safety factor of 1.5 into this load limit. Although the crossbars are tested and approved to AS1235-2000, off-road conditions can be much more rigorous. However, increasing the number of crossbars does not increase the vehicles maximum permissible roof loading.

Please refer to your vehicle manufacturers handbook for the maximum roof loading allowable for your make and model vehicle. Always use the lower of the two figures

#### Note for Dealers and Fitters:

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

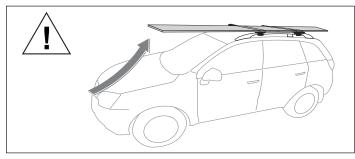
Rhino-Rack 3 Pike Street, Rydalmere, NSW 2116, Australia. (Ph) (02) 9638 4744 (Fax) (02) 9638 4822

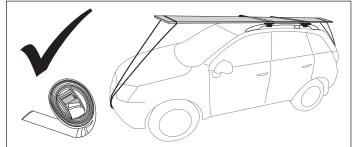
Document No: R474 Prepared By: Kayle Everett Authorised By: Chris Murty

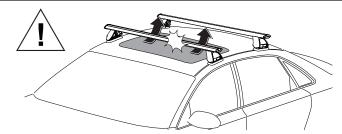
Issue No: 06 Issue Date: 26/10/15

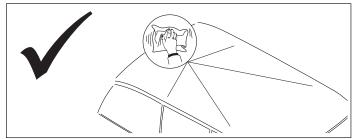
These instructions remain the property of Rhino-Rack Australia Pty. Ltd. and may not be used or changed for any other purpose than intended.

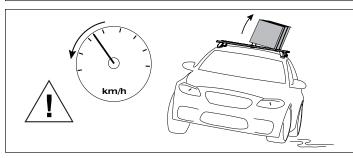


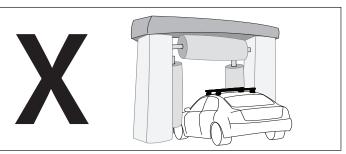


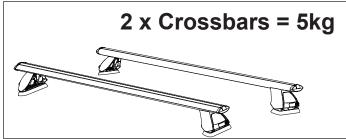


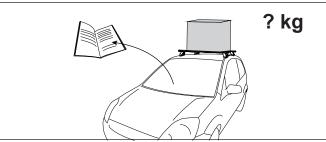




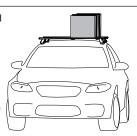








When these roof racks are to be used on a vehicle that is driven off sealed roads, the manufacturer maximum roof load rating (to be found in the vehicles User Manual) should be *divided by 1.5.* Do not forget to subtract 5kg from your maximum carrying capacity due to the weight of the crossbars and legs.

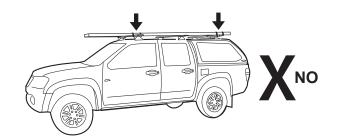


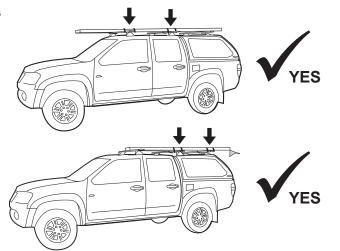
100kg load rating (Urban road) 67 kg load rating (Off road - 50kg / 1.5)



#### **WARNING!** Important Load Carrying Instructions

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 roofracks or the canopy roofracks.



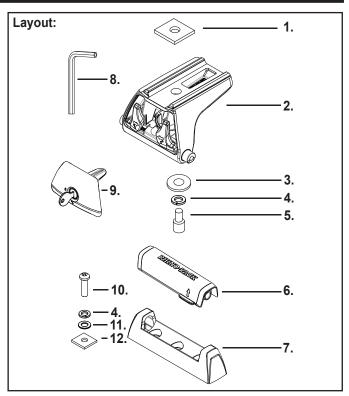




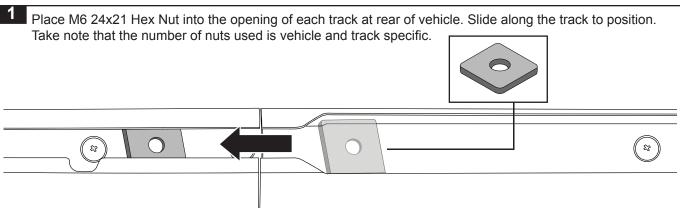
### **Parts List**

Item	Component Name	Qty	Part No.
1	M6 30x25x5 Nut	4	N035A
2	Track Leg Body	4	M703
3	M6x16x1.6 Flat Washer	4	W031
4	M6 Spring Washer	12	W004
5	M6x20 Socket HD	4	B054
6	Track Leg Base Cover	4	M702
7	Track Leg Base	4	M701
8	5mm Allen Key	1	H021
9	Track Leg Lockable Cover	4	M704
10	M6x16 Button Security Screw	8	B061
11	M6x12.5 Flat Washers	8	W003
12	M6 24x21x4 Nut	8	N057
13	Instructions	1	R474

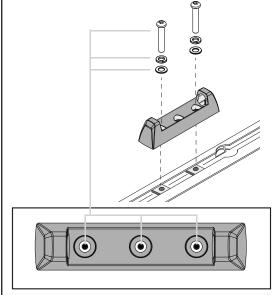
**Tools Required:** Allen Key (provided)
Metal Key (provided)

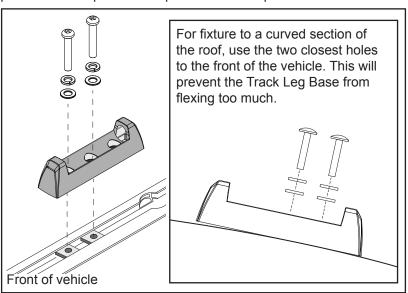


#### Instructions



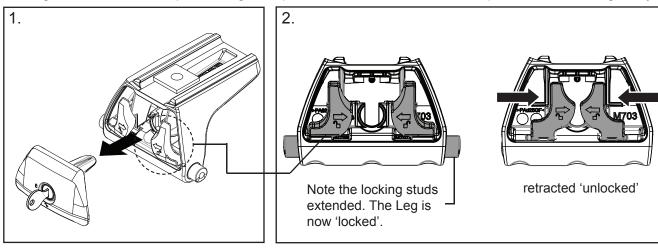
Place the mounting plate onto the track. Fix in place with security screws, spring and flat washers. Note that the amount of fixing hardware used is dependent on the previous step and vehicle requirements.

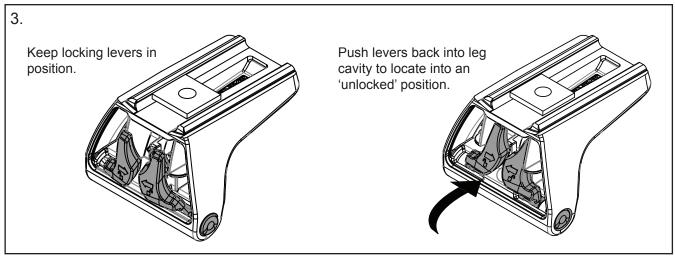


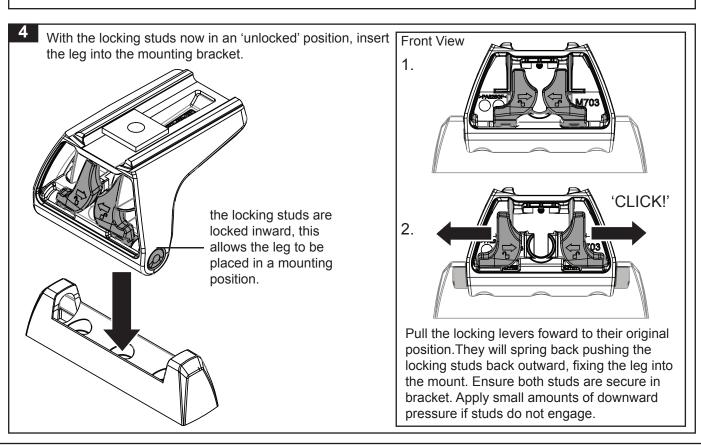




Prepare the Leg for installation as follows: 1 - Remove cover plate. 2 - Locate and Pinch locking levers together. 3 - With levers pinched together, push them backward into a locked position within the leg cavity.



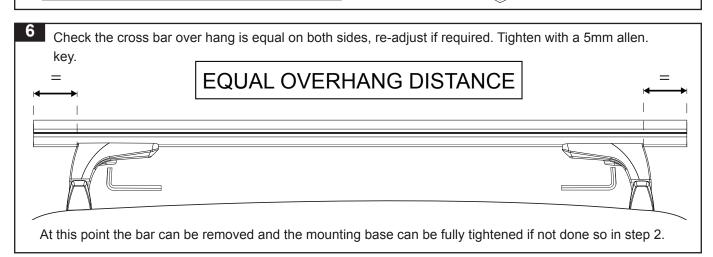


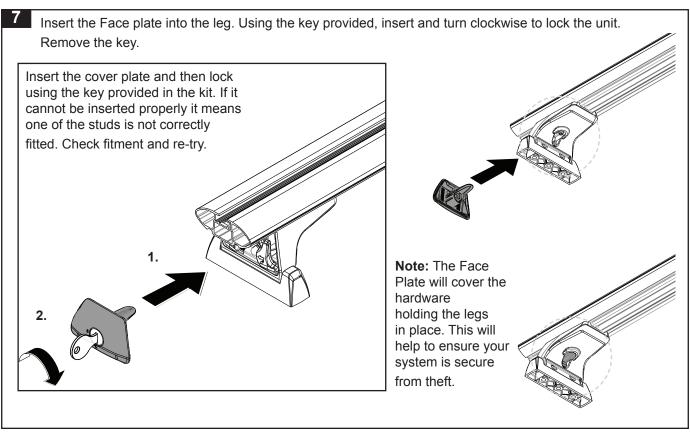




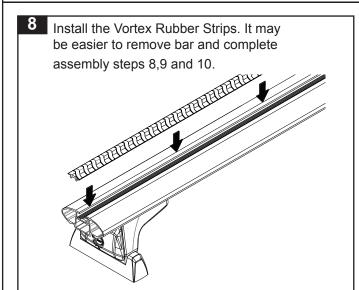
Assemble the leg hardware as shown. Slide the leg into the bar and finger tighten. Repeat for all 4 legs.

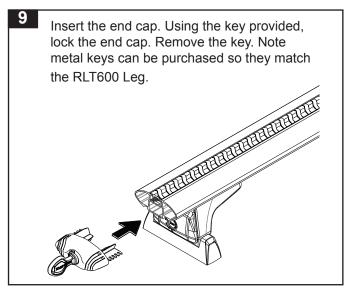
Note: Leg hardware comes pre-assembled.





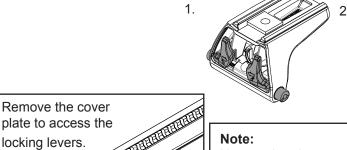




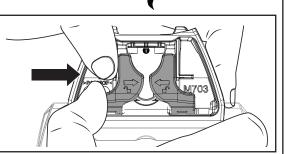


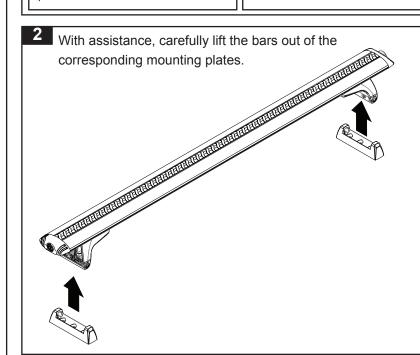
### **Removing the Bars**

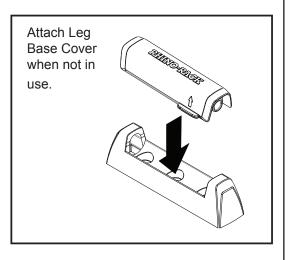
Remove the cover plate from the legs. Squeeze the locking levers together and push them backward into the leg cavity. Assistance may be required.



Use two hands to push in the locking levers if tight. Do not used a screw driver as this may damage the levers.



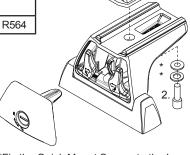




# Note: Max

	QIVI VAUU			
em	QMVA05	Qty	Part No.	Note: Max Spacer height 30mm
1	Quick Mount VA 5mm Spacer	2	M760	1.
2	M6x25 Socket HD Cap Screw	2	B039	
3	Instructions	1	R564	]

Quick Mount Spacers can be combined to achieve a desired height. 5mm 10<sub>mm</sub> 15mm 20<sub>mm</sub> 25mm



\*Fix the Quick Mount Spacer to the Leg using the hardware in the leg kit. The bolts found in the spacer kit will replace the original in the leg kit.

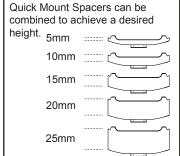
Issue: 02

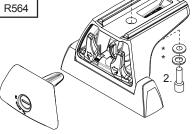
Document No: R564

#### Prepared: Kayle Everett CONT

# NO-RACK

Item	QMVA05	Qty	Part No.	Note: Max Spacer height 30mm
1	Quick Mount VA 5mm Spacer	2	M760	1.
2	M6x25 Socket HD Cap Screw	2	B039	
3	Instructions	1	R564	





\*Fix the Quick Mount Spacer to the Leg using the hardware in the leg kit. The bolts found in the spacer kit will replace the original in the leg kit.

Issue: 02

Document No: R564

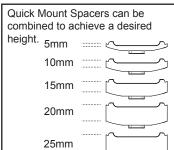
# Prepared: Kayle Everett

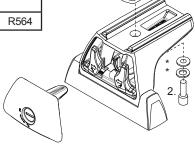
#### CONT

# INO-RACK

#### QMVA05

Item	QMVA05	Qty	Part No.	Note: Max Spacer height 30mm
1	Quick Mount VA 5mm Spacer	2	M760	1.
2	M6x25 Socket HD Cap Screw	2	B039	
3	Instructions	1	R564	
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\*Fix the Quick Mount Spacer to the Leg using the hardware in the leg kit. The bolts found in the spacer kit will replace the original in the leg kit.

Document No: R564 Issue: 02

Prepared: Kayle Everett

# INO-RACK

#### QMVA05

Item	QMVA05	Qty	Part No.
1	Quick Mount VA 5mm Spacer	2	M760
2	M6x25 Socket HD Cap Screw	2	B039
3	Instructions	1	R564

Quick Mount Spacers can be combined to achieve a desired height. 5mm

> 10<sub>mm</sub> 15mm 20mm 25mm

\*Fix the Quick Mount Spacer to the Leg using the hardware in the leg kit. The bolts found in the spacer kit will replace the original in the leg kit.

CONT

Note: Max

30mm

Spacer height

Note: Max

30mm

Spacer height

Issue: 02 Document No: R564

#### Prepared: Kayle Everett

## **NO-RACK**

#### QMVA05

Item	QMVA05	Qty	Part No.
1	Quick Mount VA 5mm Spacer	2	M760
2	M6x25 Socket HD Cap Screw	2	B039
3	Instructions	1	R564

Quick Mount Spacers can be combined to achieve a desired height. 5mm 10mm

> 15mm 20mm 25mm

> > Document No: R564

# \*Fix the Quick Mount Spacer to the Leg

using the hardware in the leg kit. The bolts found in the spacer kit will replace the original in the leg kit.

CONT

Note: Max

30mm

Spacer height

Prepared: Kayle Everett

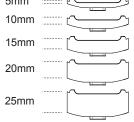
# INO-RACK

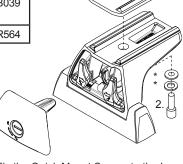
#### QMVA05

Issue: 02

Item	QMVA05	Qty	Part No.
1	Quick Mount VA 5mm Spacer	2	M760
2	M6x25 Socket HD Cap Screw	2	B039
3	Instructions	1	R564

Quick Mount Spacers can be combined to achieve a desired height. 10mm 15mm





\*Fix the Quick Mount Spacer to the Leg using the hardware in the leg kit. The bolts found in the spacer kit will replace the original in the leg kit.

Prepared: Kayle Everett Issue: 02 Document No: R564



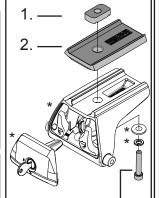
Item	Component Name	Qty	Part No.
1	M6 Channel Nut	2	N002
2	Quick Mount Leg HD Bar Spacer	2	M709
3	M6x40 Socket HD Cap Screw	2	B047
4	Instructions	1	R569

RLT600 Parts as seperate.

Fix the Quick Mount Spacer to the Leg using the hardware in the leg kit. The bolts found in the spacer kit will replace the original in the leg kit.

**Tools Required:** 5mm Allen Key

Issue: 02 Document No: R569



Note: Max Spacer height 30mm

Prepared: Kayle Everett

# RHINO-RACK

Item	Component Name	Qty	Part No.
1	M6 Channel Nut	2	N002
2	Quick Mount Leg HD Bar Spacer	2	M709
3	M6x40 Socket HD Cap Screw	2	B047
4	Instructions	1	R569

RLT600 Parts as seperate.

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**Tools Required:** 

5mm Allen Key



Issue: 02 Document No: R569

CONTROLLED

Note: Max Spacer height

30mm

Prepared: Kayle Everett

# **RHINO-RACK**

Item	Component Name	Qty	Part No.
1	M6 Channel Nut	2	N002
2	Quick Mount Leg HD Bar Spacer	2	M709
3	M6x40 Socket HD Cap Screw	2	B047
4	Instructions	1	R569

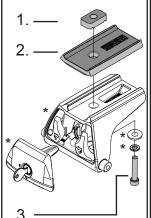
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**Tools Required:** 5mm Allen Key

Issue: 02 Document No: R569



Note: Max Spacer height

Prepared: Kayle Everett

# RHINO-RACK

Item	Component Name	Qty	Part No.
1	M6 Channel Nut	2	N002
2	Quick Mount Leg HD Bar Spacer	2	M709
3	M6x40 Socket HD Cap Screw	2	B047
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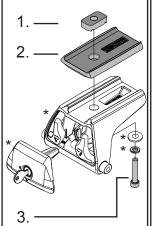
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RLT600 Parts as seperate.

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**Tools Required:** 5mm Allen Key

Issue: 02 Document No: R569



Note: Max Spacer height

Prepared: Kayle Everett

CONTROLLED



# **RHINO-RACK**

Item	Component Name	Qty	Part No.
1	M6 Channel Nut	2	N002
2	Quick Mount Leg HD Bar Spacer	2	M709
3	M6x40 Socket HD Cap Screw	2	B047
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#### \*Note:

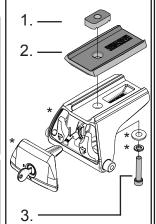
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#### **Tools Required:** 5mm Allen Key

Issue: 02

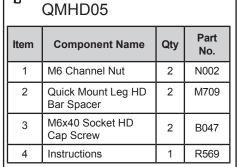




Note: Max Spacer height

Prepared: Kayle Everett

# RHINO-RACK



#### \*Note:

RLT600 Parts as seperate.

Fix the Quick Mount Spacer to the Leg using the hardware in the leg kit. The bolts found in the spacer kit will replace the original in the leg kit.

Tools Required: 5mm Allen Key

Issue: 02



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Note: Max Spacer height

Prepared: Kayle Everett Document No: R569