

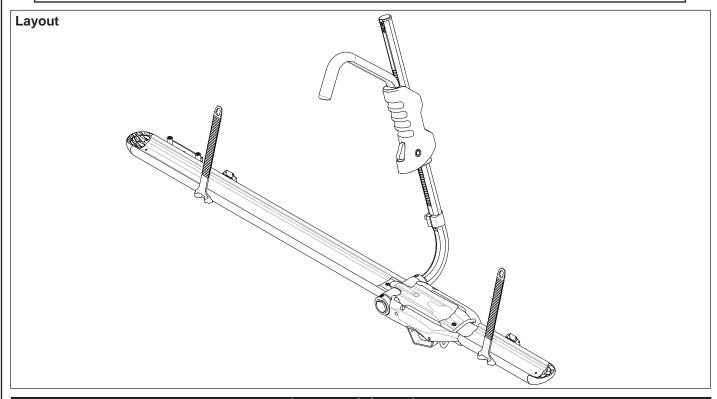
Important:

Please read these instructions carefully prior to installation.

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.

Place these instructions in the vehicle's glove box after installation is complete.



Important Information

Maximum carrying capacity: 21kg/45lbs bicycle **Recommendations:**

It is essential that all bolt connections be checked after driving a short distance when you first install your bike rack. Bolt connections should be checked again at regular intervals (probably once a week is enough, depending on road conditions, usage, loads and distances travelled).

Bike Carrier is not suitable for Tandem bikes, E-bikes, recumbents.

Remove front fenders, child seats & panniers before use.

Warning: Locks are only a deterrent. Please exercise care when protecting your items from theft.

Sensitivity to cross winds, behaviour in curves and braking.

The handling characteristics of the vehicle, changes when you transport a load. For safety reasons, we recommend you exercise extreme care when transporting wind-resisting loads; special consideration must be taken into account when braking.

Please remove bike rack when putting vehicle through an automatic car wash.

Load Ratings:

Maximum permissible load is 21kg/45lbs.

Note: the bike rack is configured for installation on the left side of the vehicle. For right side installation please follow steps 1-5 on pg 7.

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: R475 Prepared By: Kayle Everett Authorised By: Chris Murty

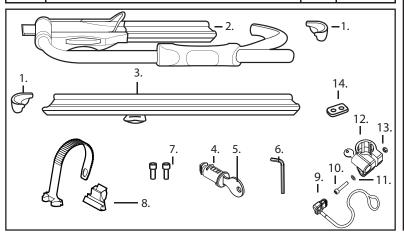
Fit Time: 15min Issue No: 07 Issue Date: 07/11/2016

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General Parts List

Item	Component Name	Qty	Part No.
1	Extrusion End Caps	2	SP203
2	Arm Assembly/ Main Body Casting	1	SP212/ SP211
3	Rear Extrusion (955mm)	1	SP214
4	Lock Core	3	-
5	Metal Key	2	-
6	Allen Key	1	H021
7	Socket Head Screw M6 x 18mm	2	-
8	Wheel Strap Complete	2	SP204
9	Cable	1	CA1509
10	M6 x 30mm Cap Screw	1	B047
11	M6 Flat Washer	1	W003
12	Cable Lock Housing/ Key	1	M799
13	Nyloc Nut	1	N010
14	Washer Plate 36mm x 20mm	1	SP242
15	Instructions	1	R475



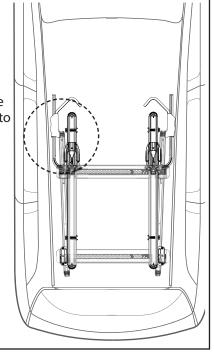
Tools Required:

- 1. Rubber Mallet 2. Allen Key (provided)
- 3. Metal Key 4. Loctite

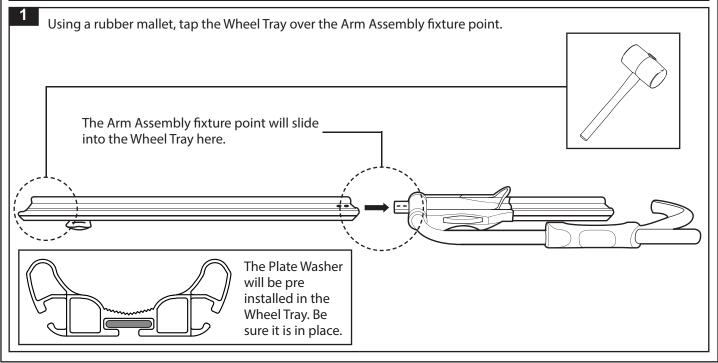


Note: See spare parts drawing online for any replacements required.

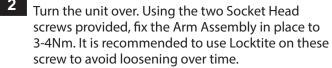
RBC050 is configured for the left hand side of the vehicle out of the box. If you wish to change this please go to page 7.

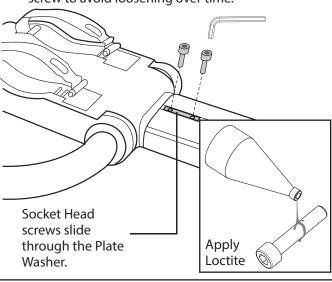


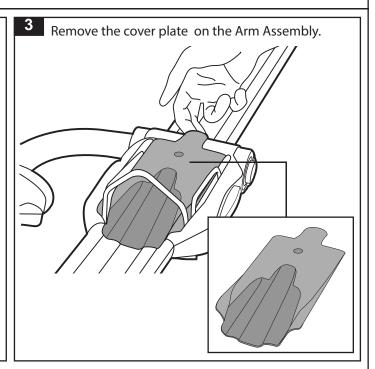
Fitting Instruction



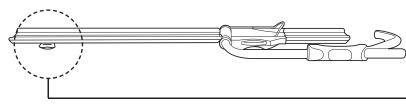


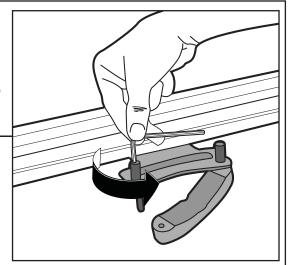




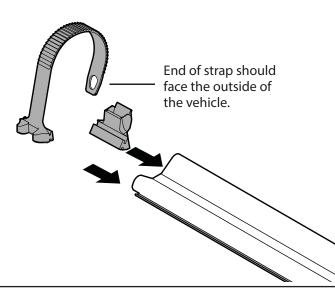


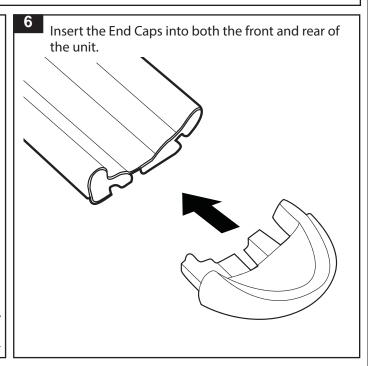
With the allen key provided. Unlock the grips at the opposite end of the unit from the Arm Assembly.



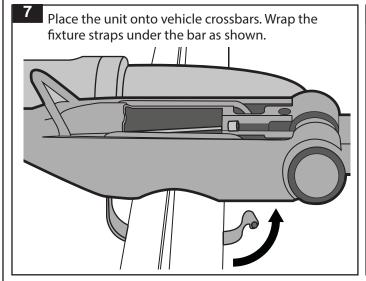


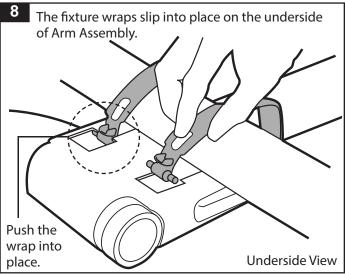
Slide the Wheel Tie Down Assemblies onto the Wheel Tray at both ends. Face the loose end of the strap to the outside of the vehicle.

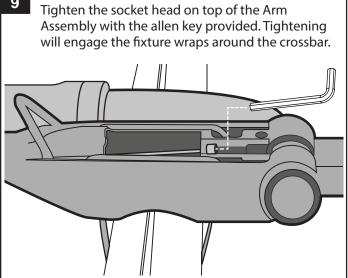


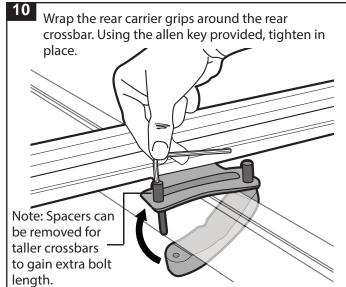


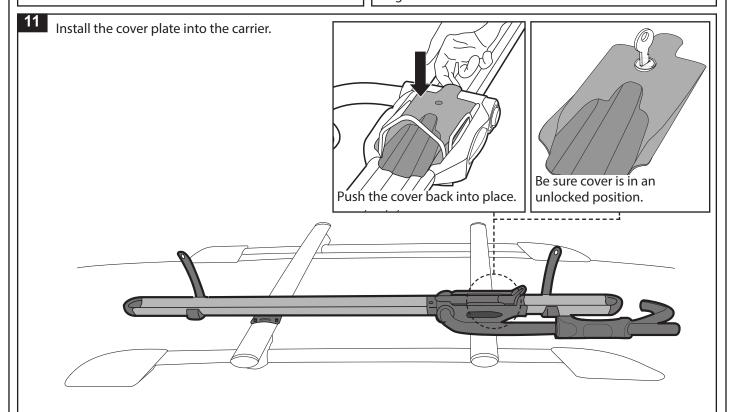








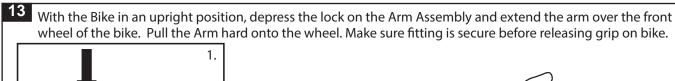


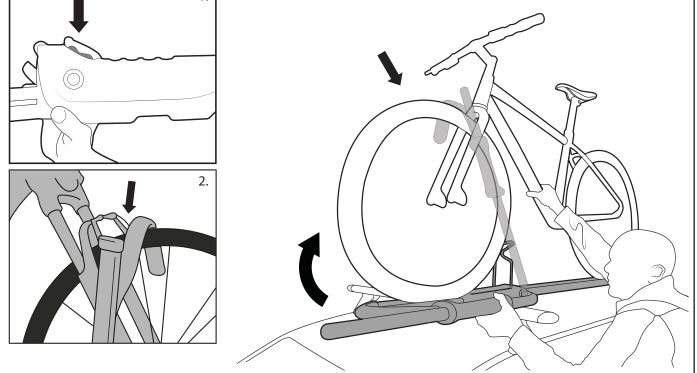




1: Swing open the Wheel Support Arm. 2: Carefully lift the bike up to the Carrier. Drop the wheels into the body of the Carrier. The far side of the Carrier will provide purchase as the bike is lifted into position. Be sure the Bikes front wheel sits in the Wheel Support.

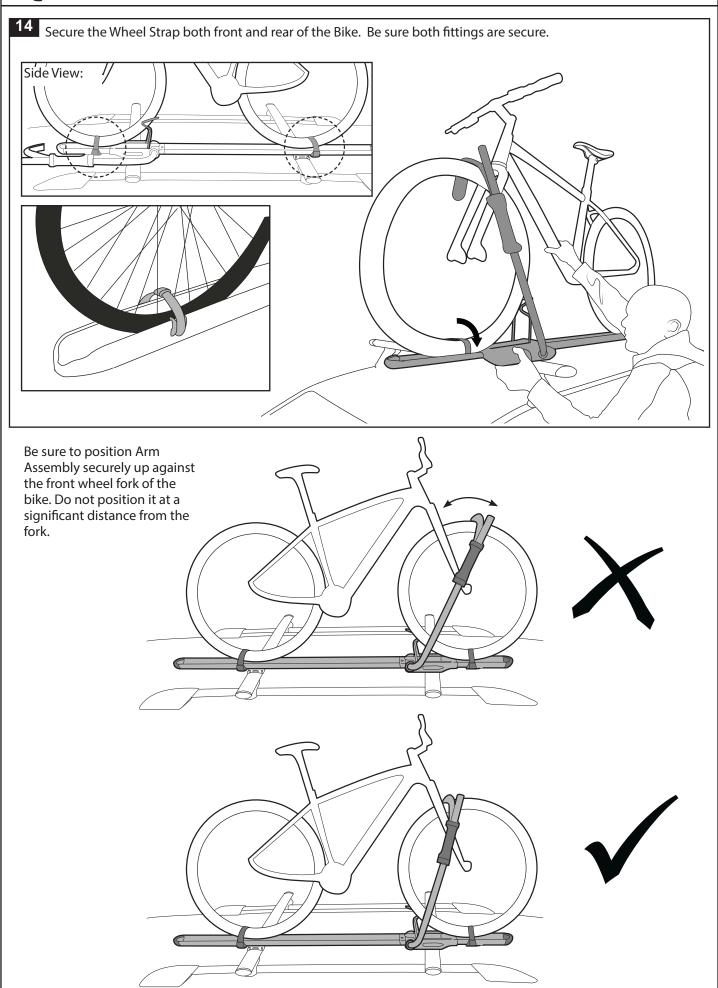
Side View 2:
Slide the wheels in on an angle and then lift upright.





Tall vehicle setup shown.

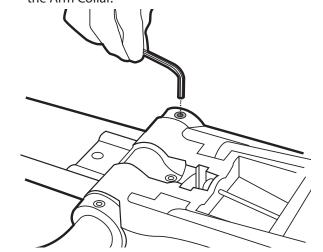


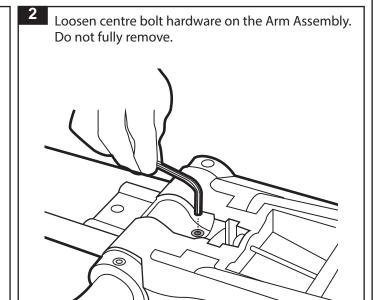




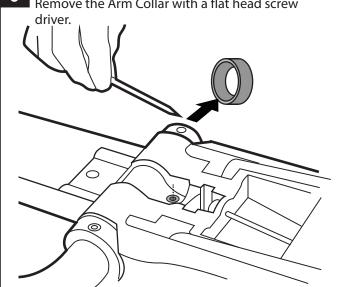
Opposing Arm Assembly Installation

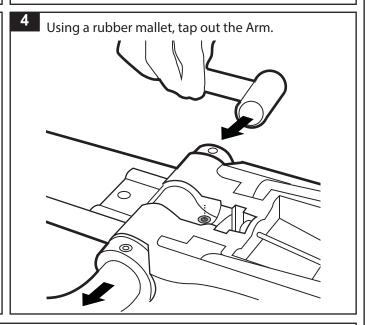
Remove cover plate from the Arm Assembly. With the provided allen key remove the hardware from the Arm Collar.



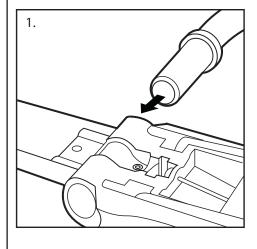


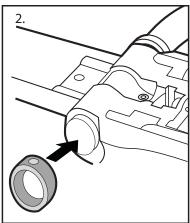
3 Remove the Arm Collar with a flat head screw

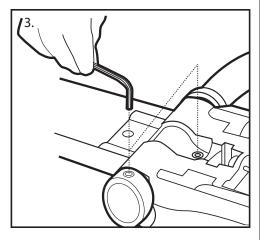




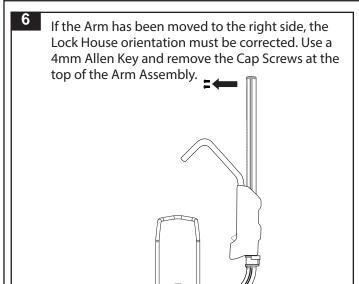
- 1: Swap the Arm to opposite site and insert back into the unit. 2: Place the Arm Collar back into position.
 - 3: Return collar hardware and tighten. Tighten centre bolt hardware.

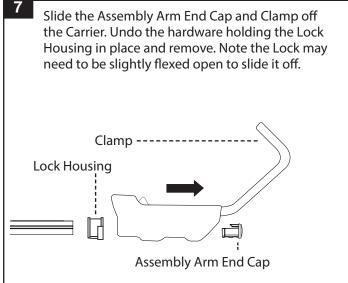




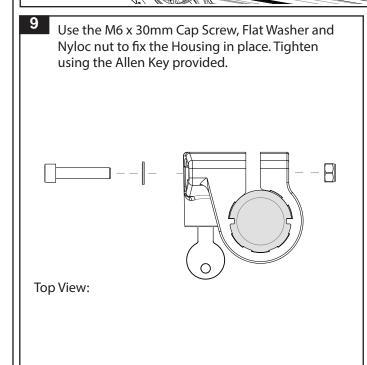


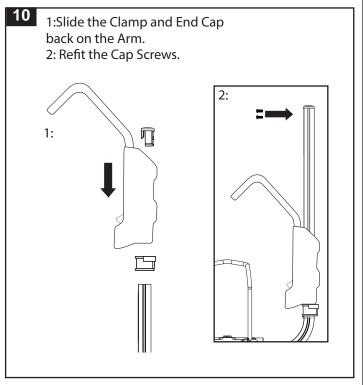






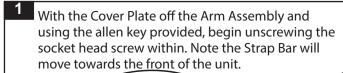
8 Slide the Lock Housing down the Arm Assembly and into position. The housing needs to be flexed over the slide stop on the Arm (force is required). Slide the Lock When in **Note:** The orientation of the unit Housing down position, the must be as shown. The Lock Housing Lock Housing the Arm. is flipped from its original position. sits under the Clamp Stop. ---- Arm. Lock Housing. Clamp Stop. - Clamp Stop.

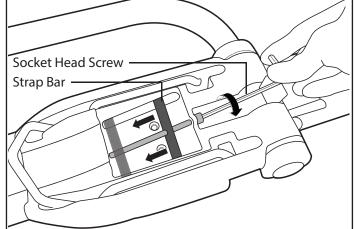


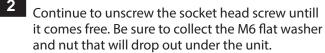


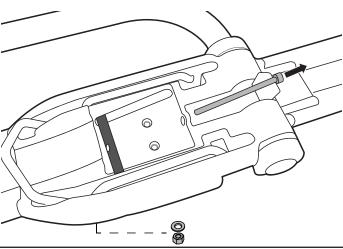


Vortex Crossbar C Channel Fitment *RBCA034 Required

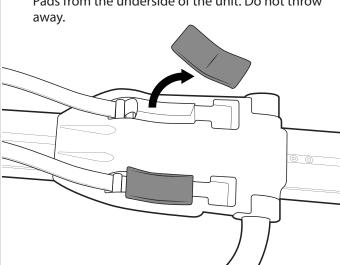




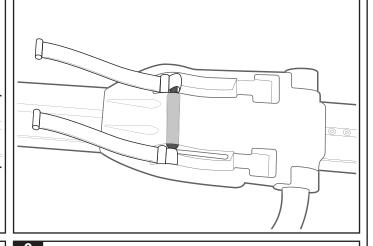




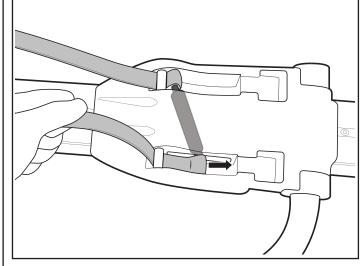
Turn the Arm Assembly over. Remove the Rubber Pads from the underside of the unit. Do not throw



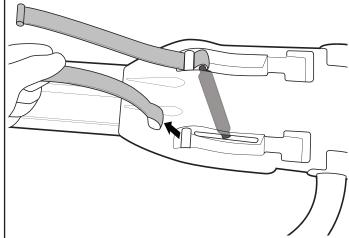
Note the position of the Strap Bar, this holds the straps in place.



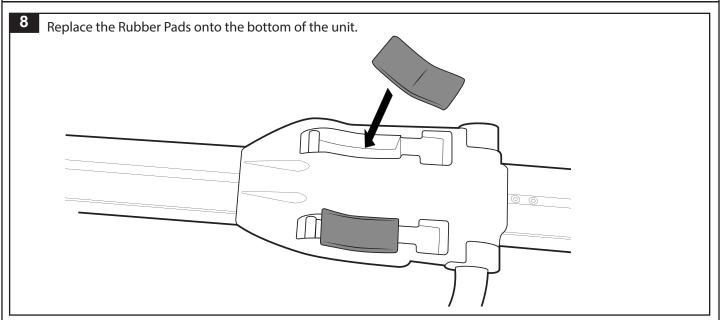
Take one of the straps and push it forward as shown. This will release one side of the Strap Bar from the strap.

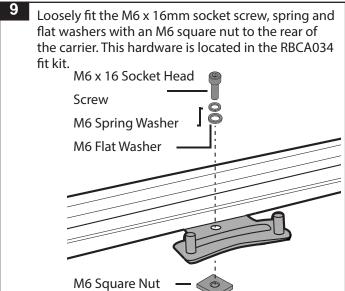


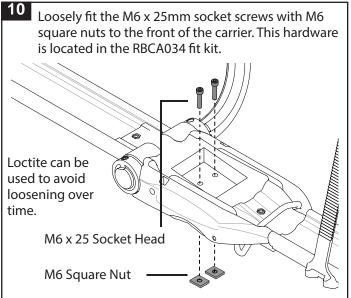
Remove both straps. The Strap Bar should fall out of the Arm Assembly. Store in a safe place.



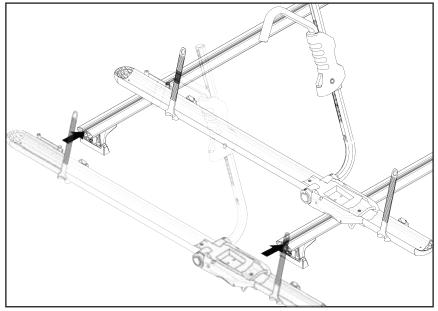


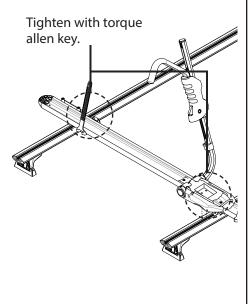






Slide the carrier into the C channel of the crossbars as shown. Using the torque allen key provided in the RBCA034 kit, fix RBC050 into place. Check fitment is secure before use.





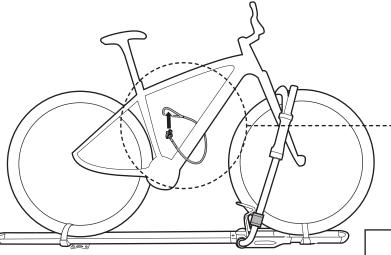


Securing Bike

1

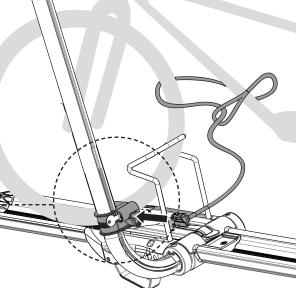
1: Loop the Cable Lock around the bike frame.

2: Place the Cable lock into the Housing on the Assembly Arm. Lock using the key provided. Remove the key.



- Attach the Cable to the Bike frame as shown.

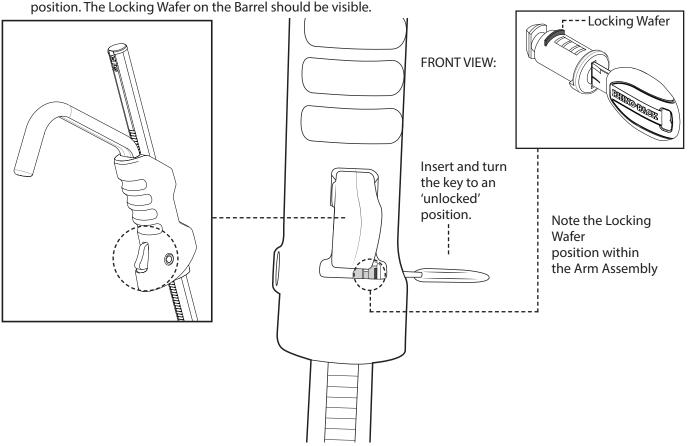
Clip the Cable into the Housing and lock using the key provided.



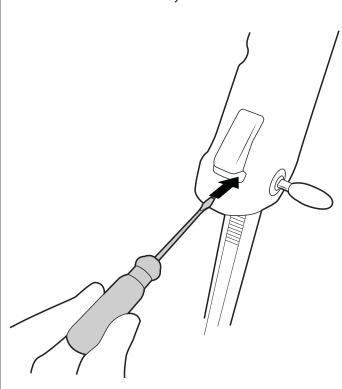


Removing Key Barrel (For Master Key Fitment)

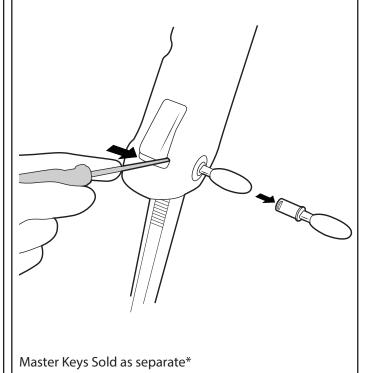
Locate the trigger on the Arm Assembly. Insert the Metal Key into the Lock Barrel and set to the 'unlocked' position. The Locking Wafer on the Barrel should be visible.



Use a flat head screwdriver to depress the Wafer within the Arm Assembly.



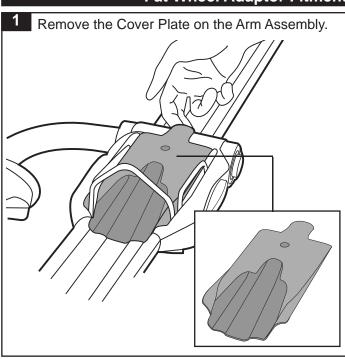
With the Wafer still depressed, carefully push the Lock Barrel out of the unit.

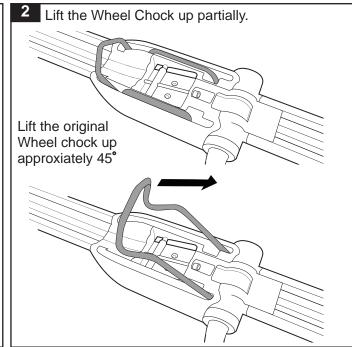


Fit Master Key as per instruction (sold separately)

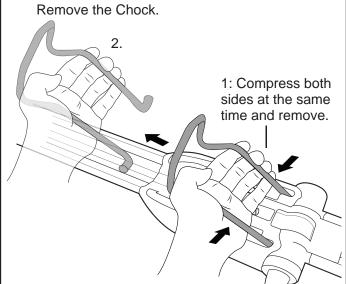


Fat Wheel Adaptor Fitment RBCA033 (sold separately)

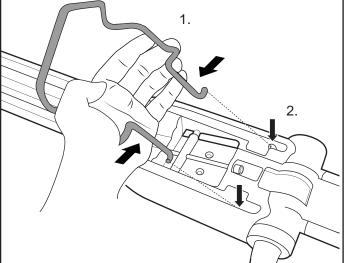




1: Compress both sides of the Wheel Chock inwards. 2: This with release it from the Carrier. Remove the Chock.



Compress both sides of the Fat Wheel Chock inwards. Slide it into the same orientation and position as the original Chock.



Replace the Cover Plate onto the Carrier.

