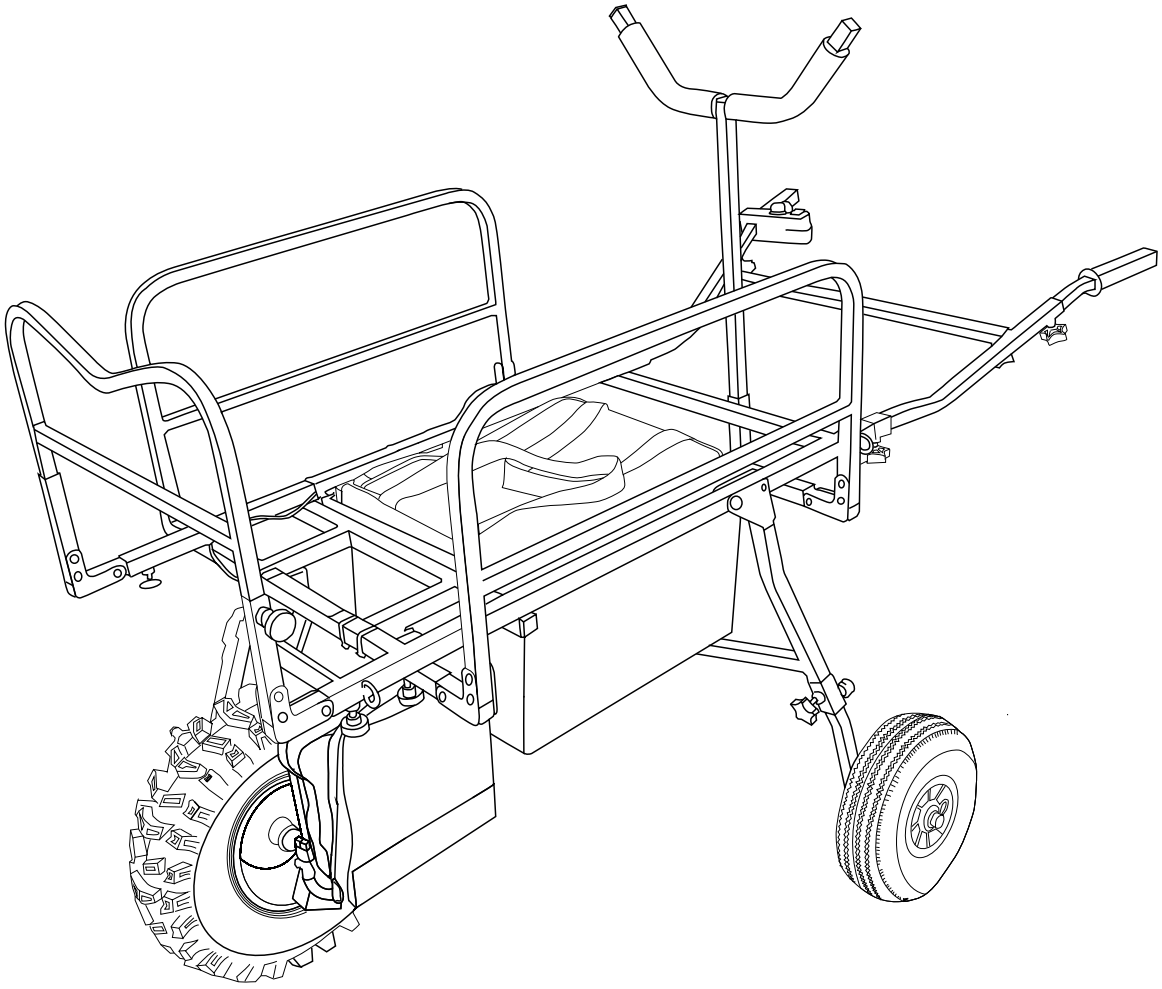
CARP-PORTER®



MK8
POWER-PORTER
ASSEMBLY GUIDE

CPP001

www.carp-porter.com

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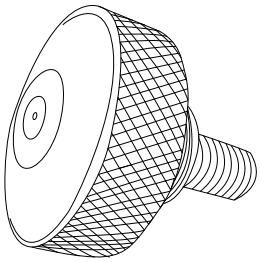
PARTS

CPS026



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CPS003

B x 1

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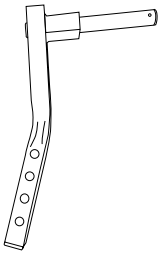

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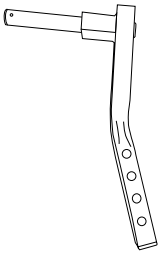

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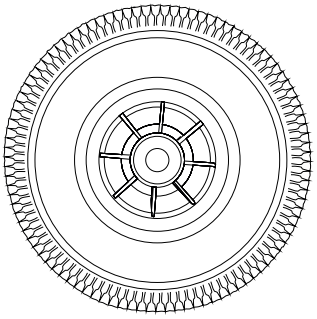

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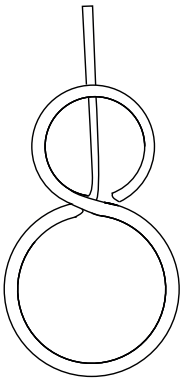

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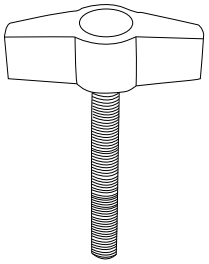

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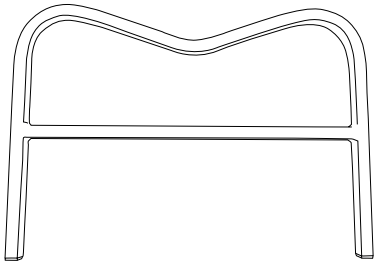

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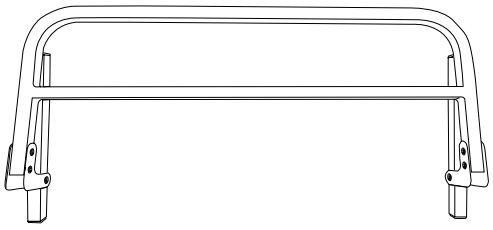

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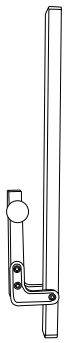

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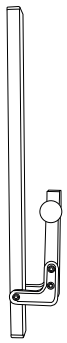

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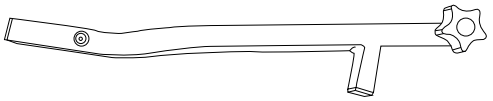

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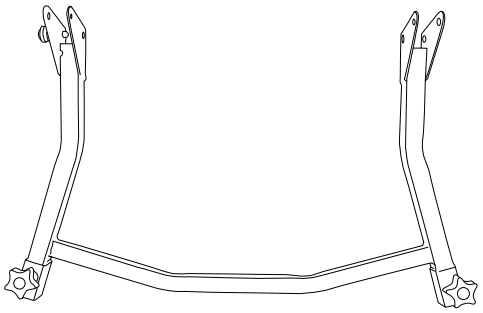

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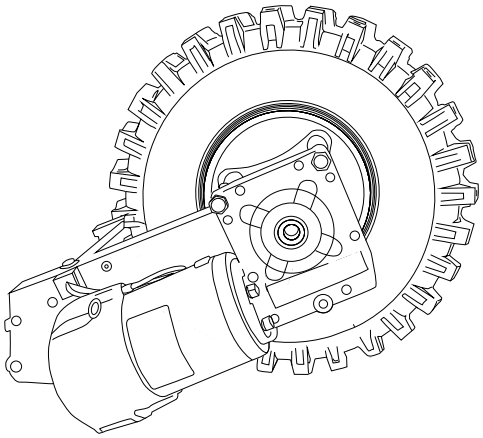

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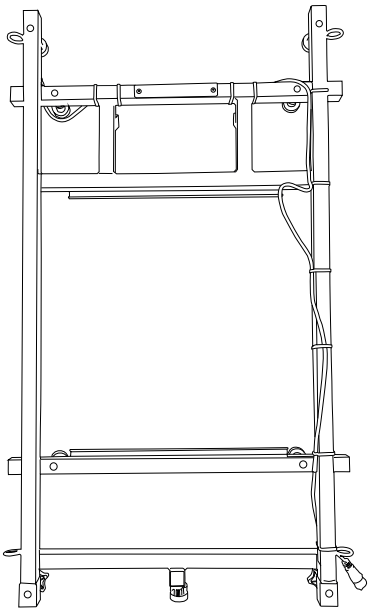

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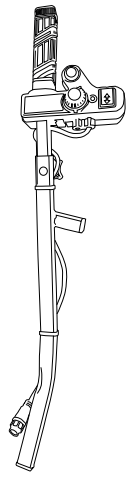

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N x 1

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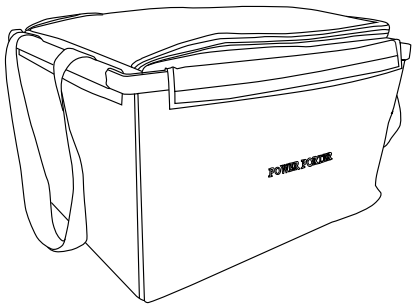

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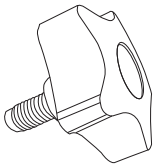

P x

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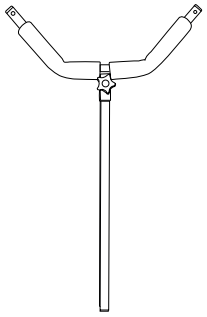

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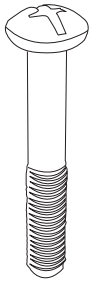
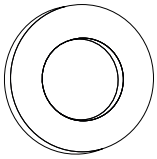


M6 x 2



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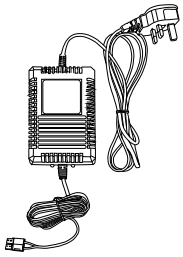
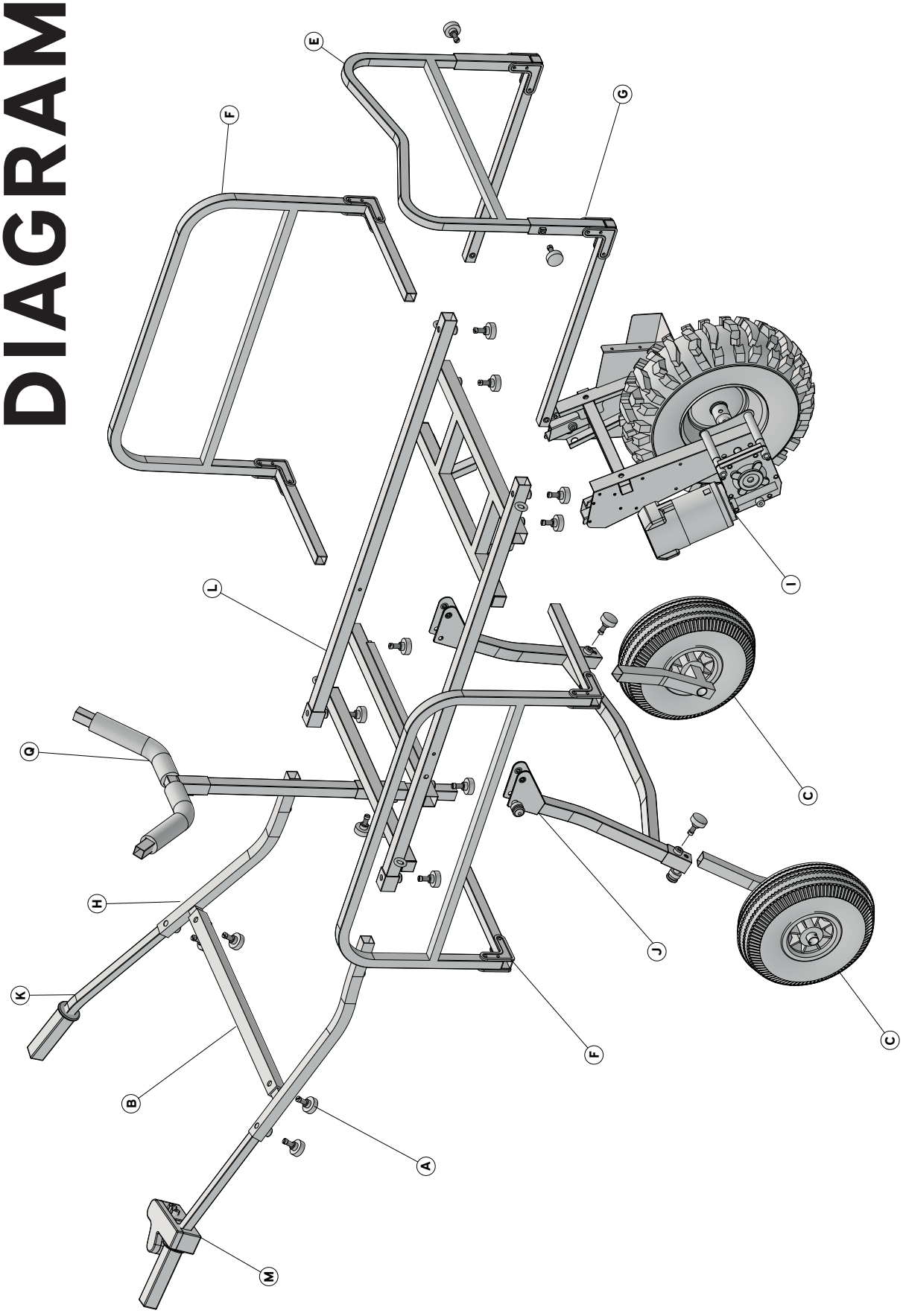


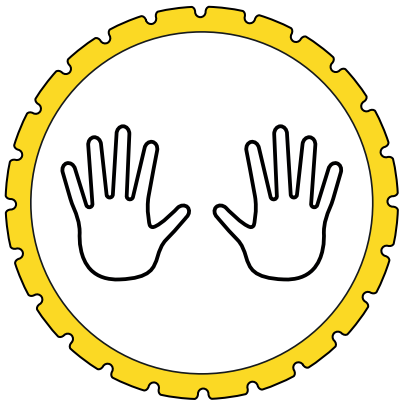
R x 1

DIAGRAM



01 REAR WHEEL ASSEMBLY

WHAT YOU'LL NEED...



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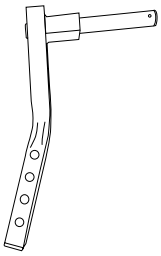
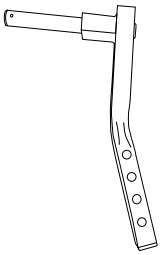
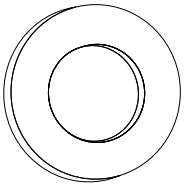


C x 1

CPS054 (L)



C x 1



M20 x 4

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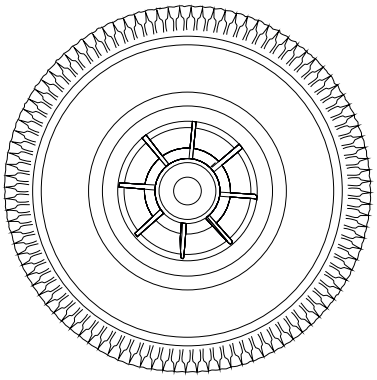

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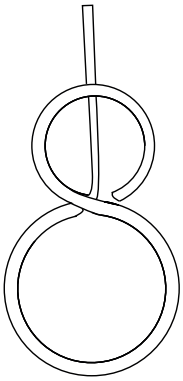
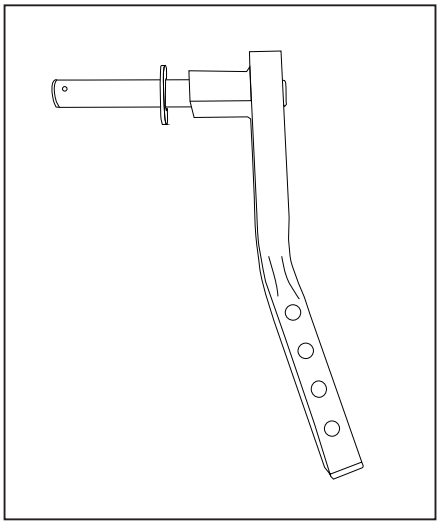
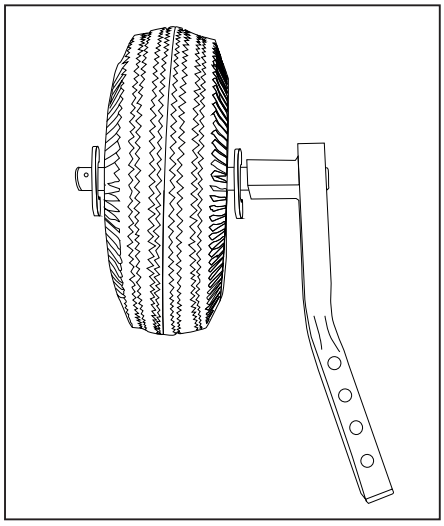


C x 2

STEP 1

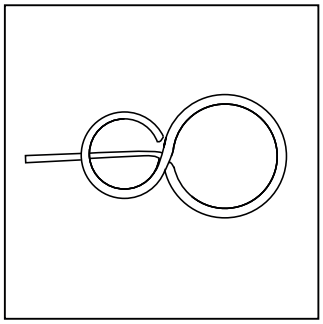
Take the adjustable rear wheel leg (C) place on a washer, then the wheel and another washer. Make sure the air valve on the wheel is facing the same way as the adjustable leg holes.

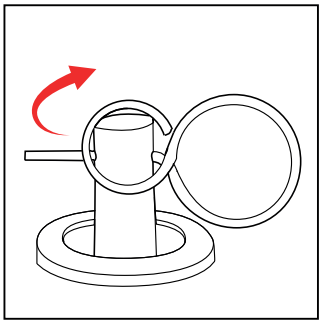


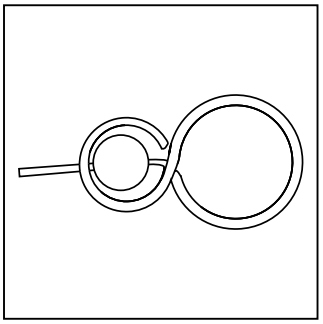


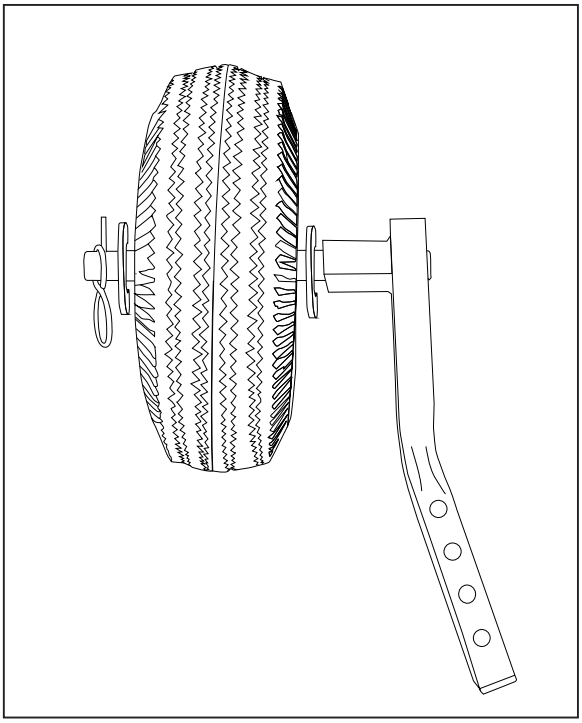
STEP 2

Fix figure of 8 pin to one end of axle shaft to secure in place, using the hole at the end of the axle. Double check that the valve on the tyre isn't facing the same way as the pin, this is to ensure the valve doesn't get caught in the pin when moving.







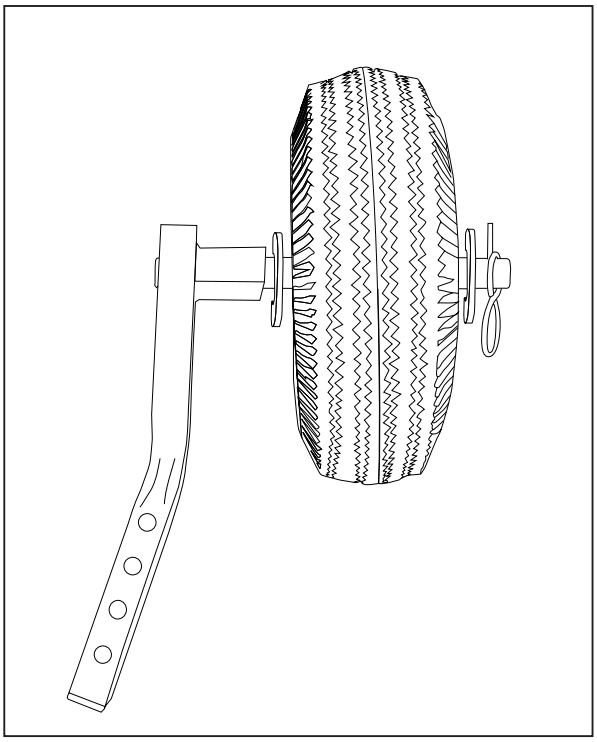


STEP 3

The rear wheel assembly should be in the same sequence as shown.

STEP 4

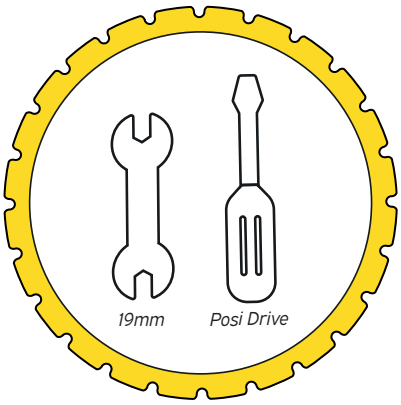
Complete the same process for the second rear wheel, with the valve facing away from the pin.



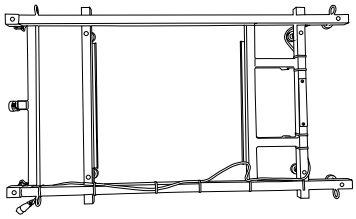
02

ADDING WHEELS TO FRAME

WHAT YOU'LL NEED...

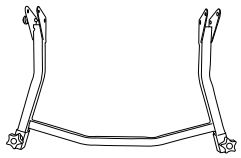


CPS060



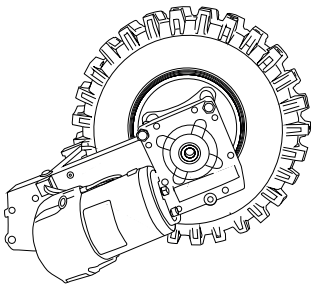
L x 2

CPS059



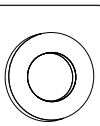
J x 1

CPP001C



I x 9

M6 x 2



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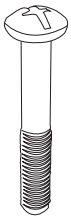
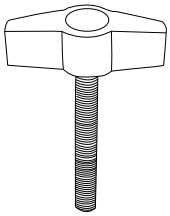
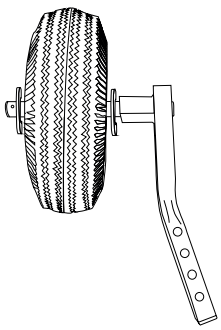


M6 x 2



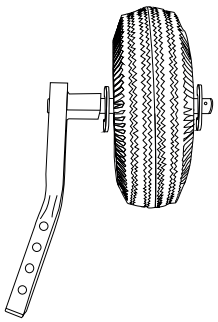
D

R



C x 1

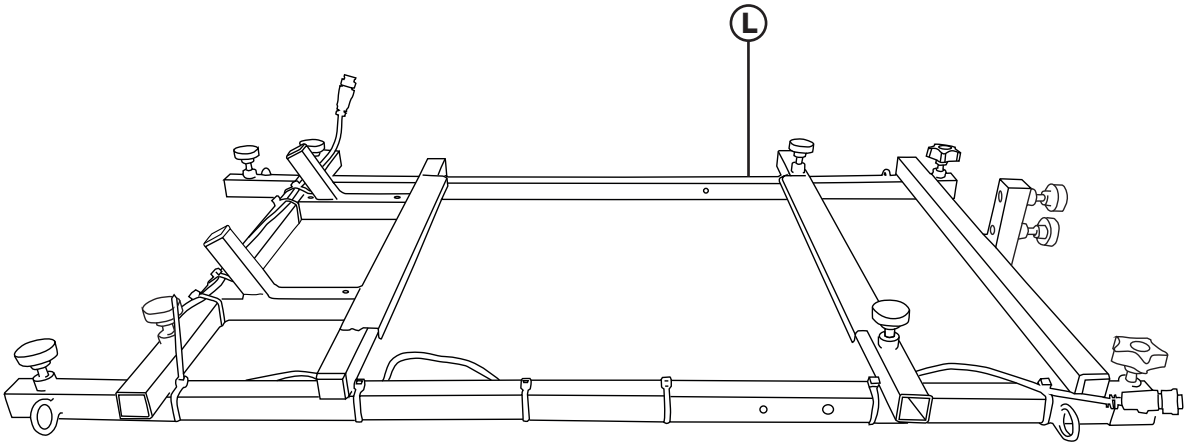
L

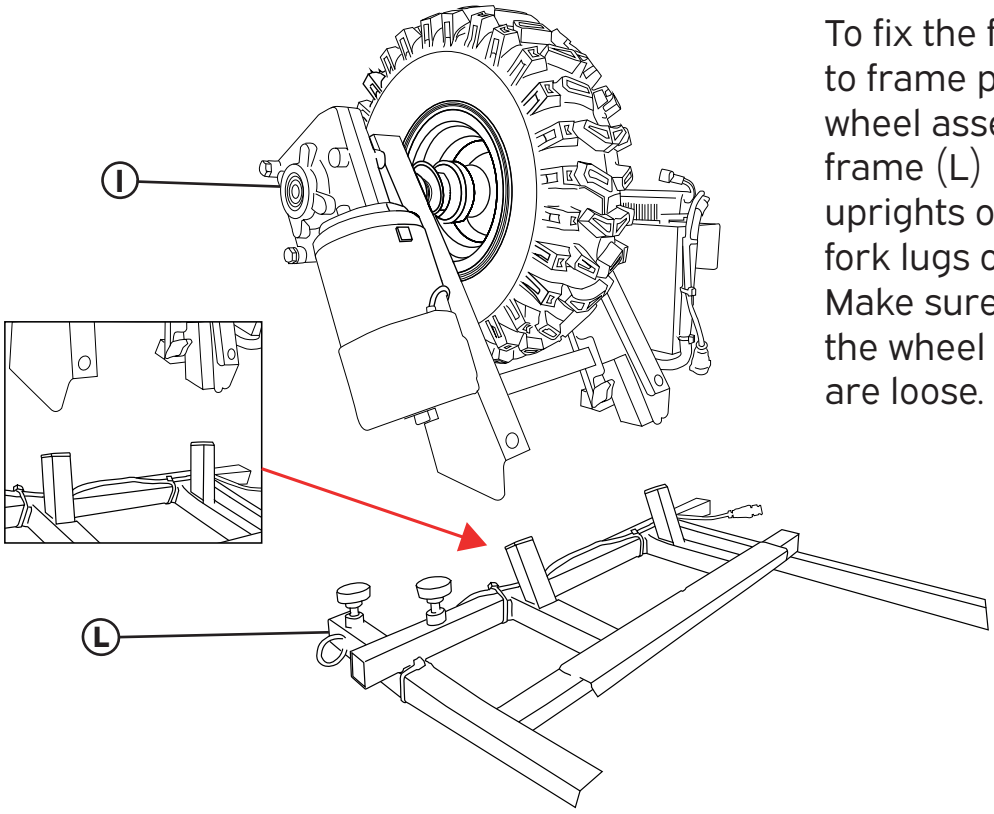


C x 1

STEP 1

Place frame (L) on the ground with fork lugs facing up.



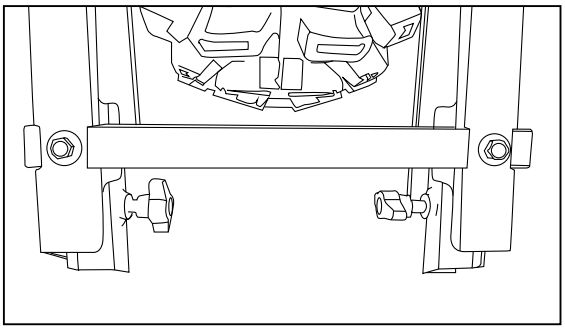


STEP 2

To fix the front wheel to frame position wheel assembly (I) on frame (L) locating axle uprights onto wheel fork lugs on frame. Make sure T screws on the wheel assembly are loose.

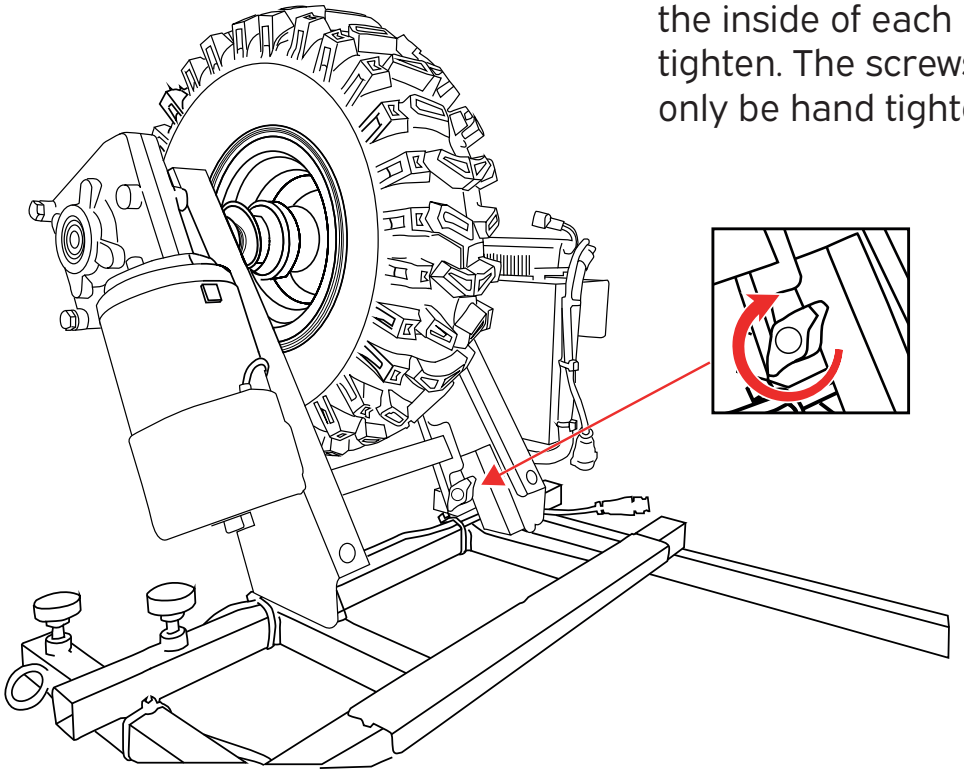
STEP 3

Be sure you are fixing the assembly on the correct way, there are 2 bolts and washers on the uprights they should be facing away from the frame. The uprights should slide right down to the base of the frame.



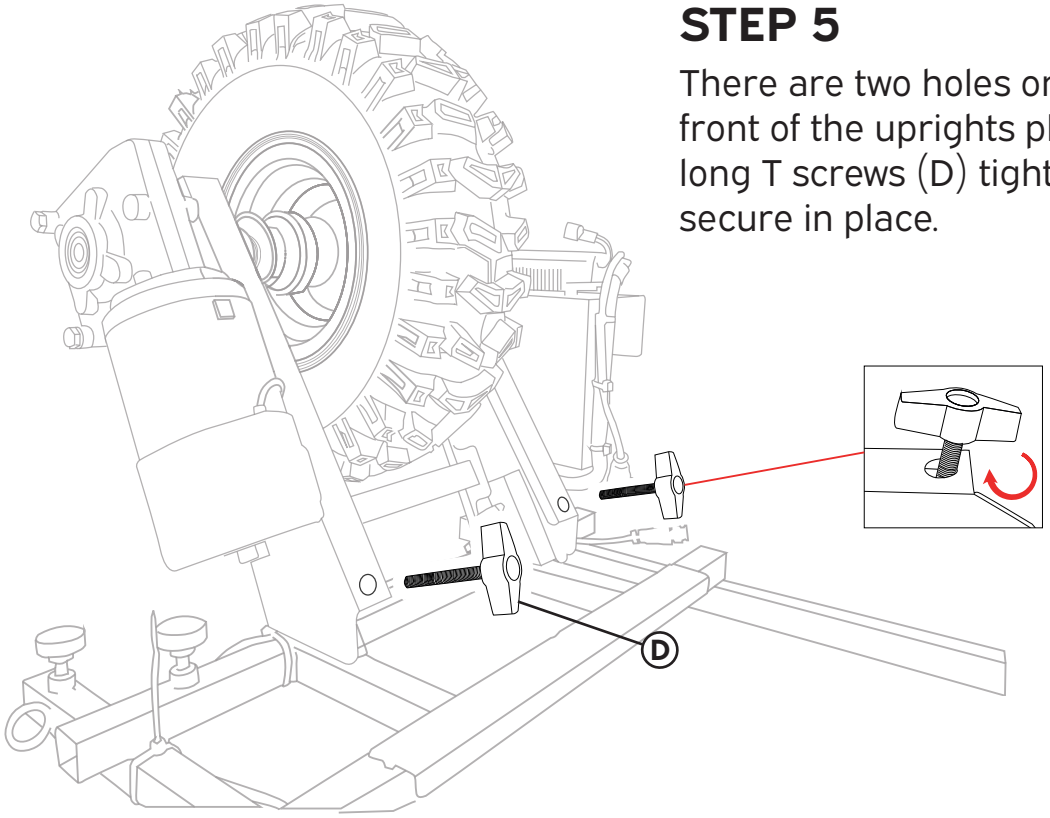
STEP 4

Locate the short T screws on the inside of each upright and tighten. The screws should only be hand tightened.



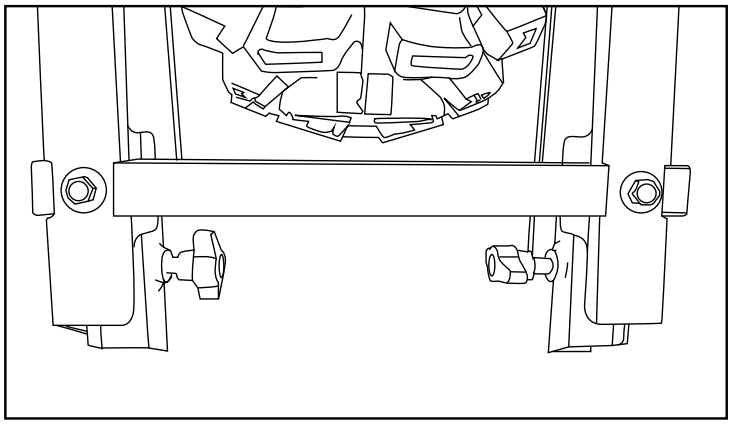
STEP 5

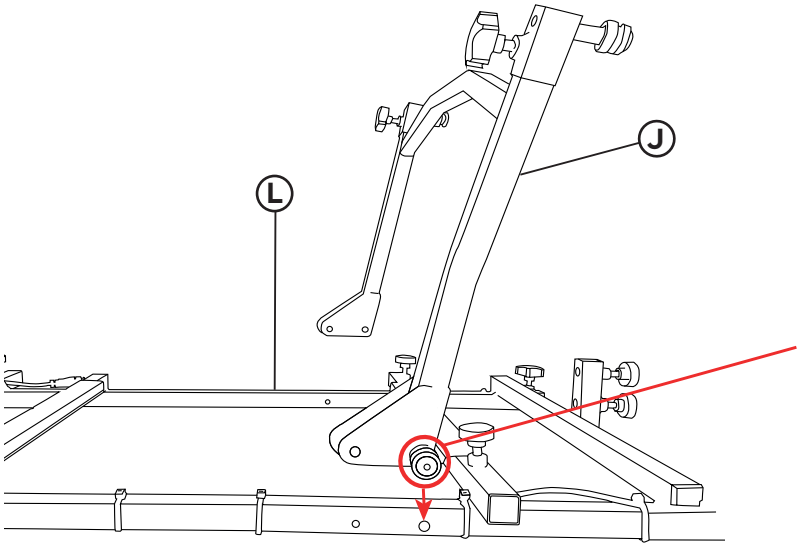
There are two holes on the front of the uprights place in long T screws (D) tighten and secure in place.



STEP 6

Check the bolts on the other side of the uprights, making sure they are tight.



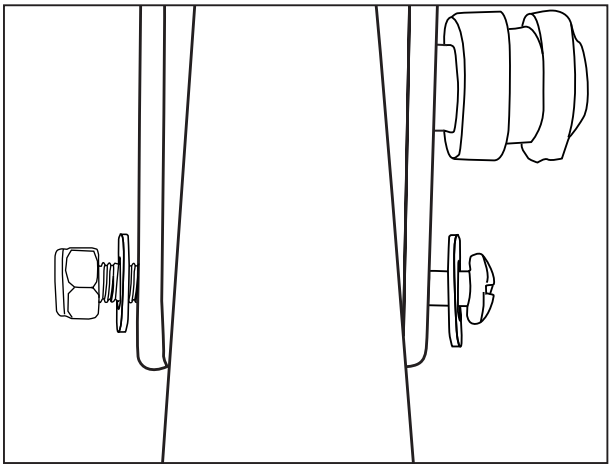


STEP 7

In order to attach the rear wheels take the rear leg bar (J) and fix to frame (L). Ensure the rear leg locking pin locates the corresponding hole in the side of frame. There are three locking pins on the assembly.

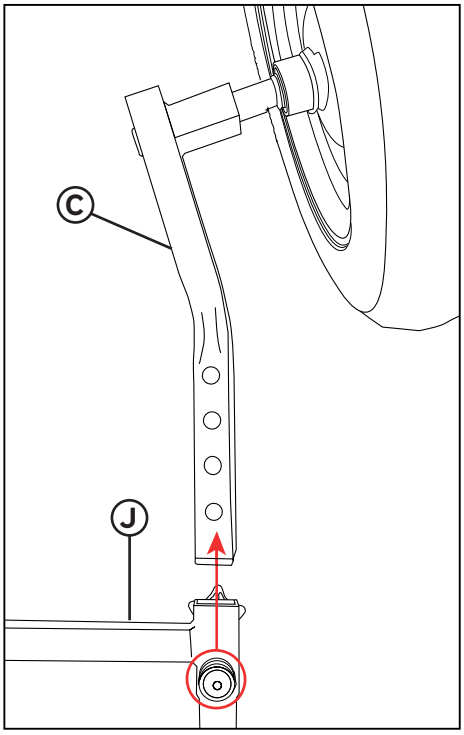
STEP 8

Attach rear leg bar (J) to frame (L) using the M6 bolts, nuts and washers



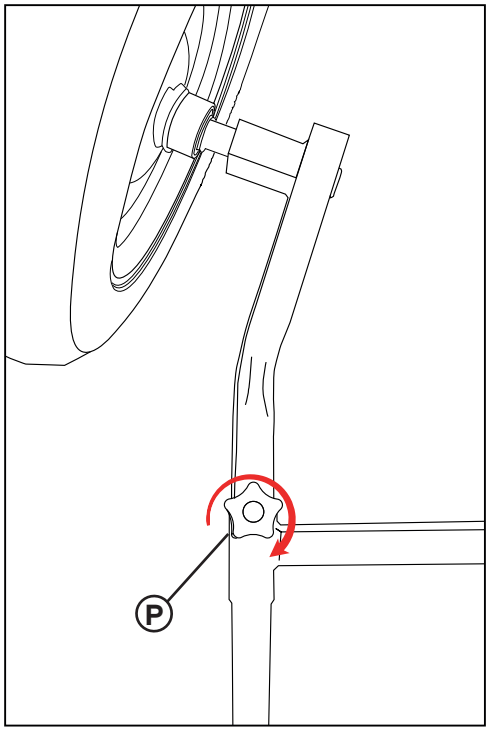
STEP 7

To fix the rear wheels to frame, attach rear leg assembly (C) onto leg bar (J). Ensure the holes on the adjustable leg are facing the same way as the locking pin and the flat side to the hand screw (P). Using the locking pin adjust the leg to your desired height.



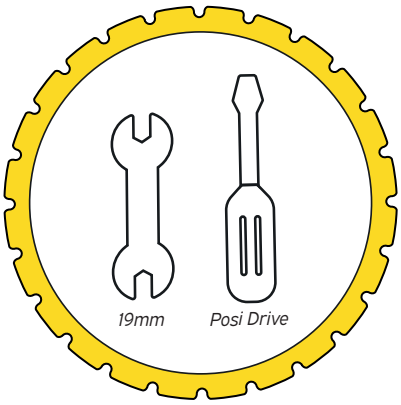
STEP 8

Now fully tighten the hand screw located on the other side of the rear leg bar (J), Make sure all hand screws (P) are fully tightened and the wheel is running freely. Repeat step 7 and 8 for the second rear wheel.



03 FRAME ASSEMBLY

WHAT YOU'LL NEED...



CPS058

H x 1

CPS026

A x 9

CPS058

M x 1

CPS003

B x 1

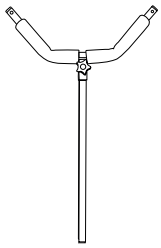
CPS057 (R)

G x 1

CPS056 (L)

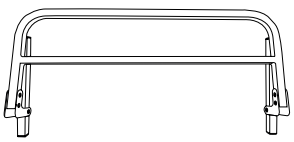
G x 1

CPS015



Q x 1

CPS053

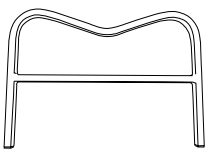


F x 2

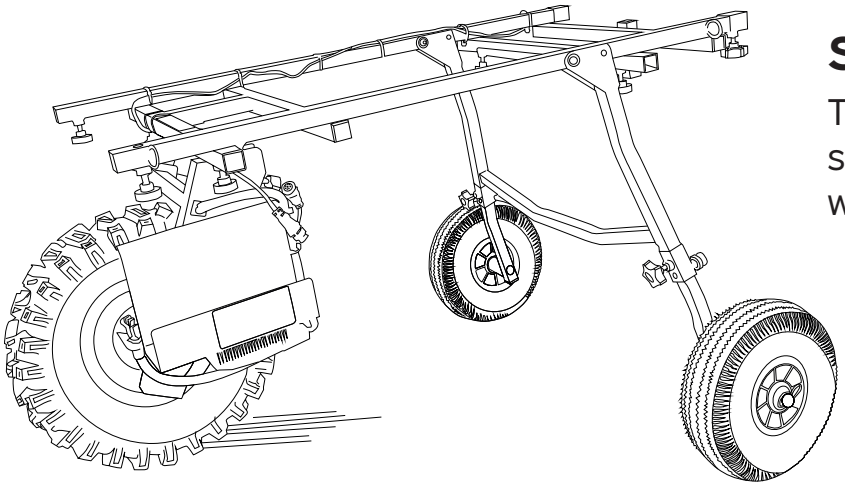
CPS058

K x 1

CPS052



E x 1

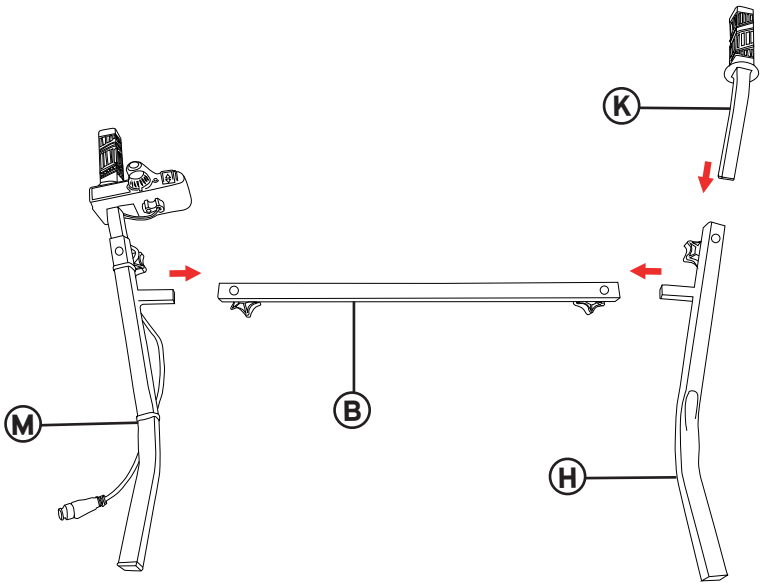


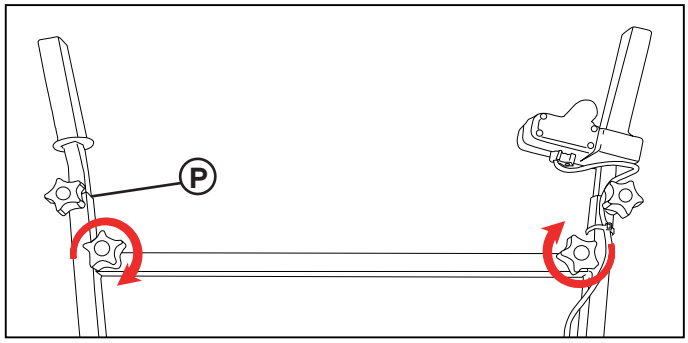
STEP 1

Turn the barrow over so its standing on its wheels.

STEP 2

For the handle assembly take parts (M),(K),(H) and (B) place these together in the same order as shown in the diagram. Making sure the hand screws are all facing the same way as the one found on controller handle (M).



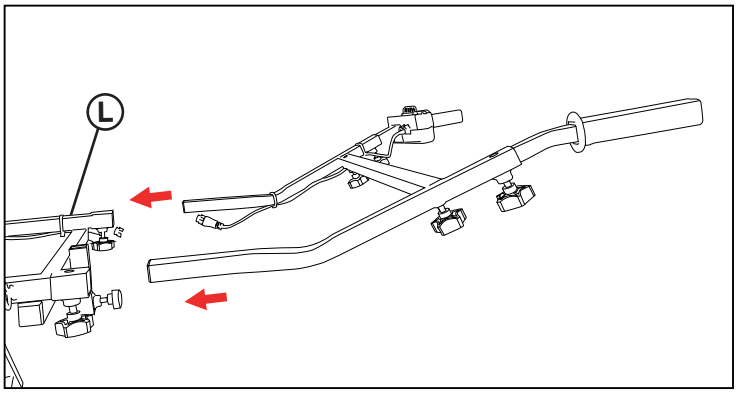


STEP 3

On the back of the assembly tighten all hand screws (P) to secure in place.

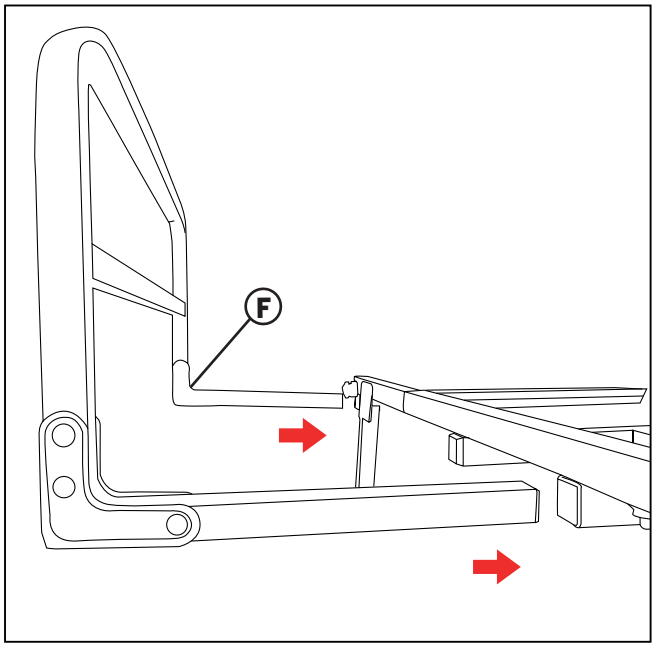
STEP 4

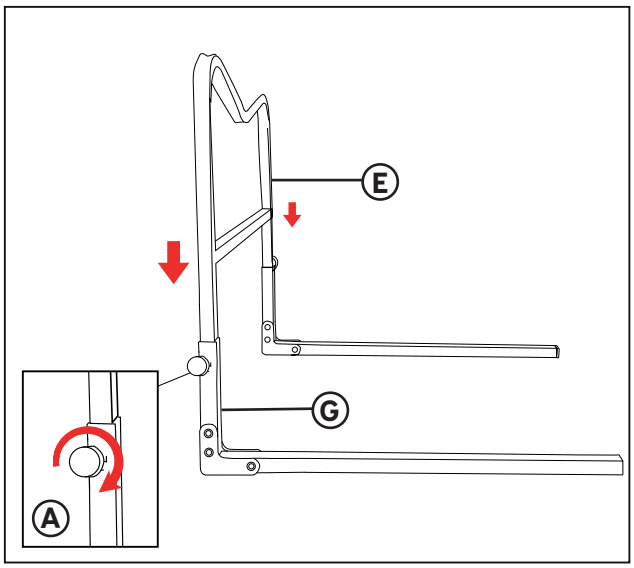
Now you can attach the handle assembly to the frame (L), locating frame tubes with the arms. Use the hand screws (P) at either side of the frame and lock into place.



STEP 5

Place the side bars (F) into the frame tube either side of the barrow. Tighten hand screws (P) to lock in place. The side bars are interchangeable and will fit either side of the barrow.



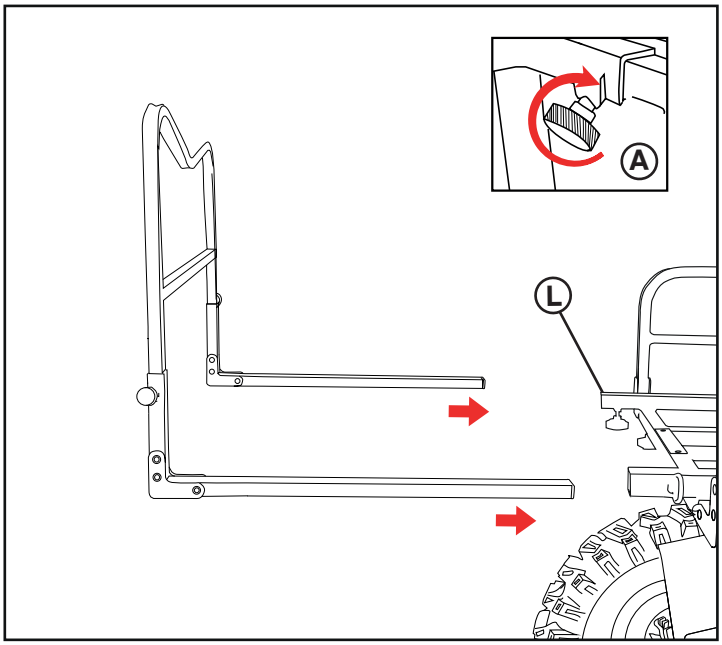


STEP 6

Take the front bar (E) and slide this into fork assembly (G). Then lock in place with thumb screws (A).

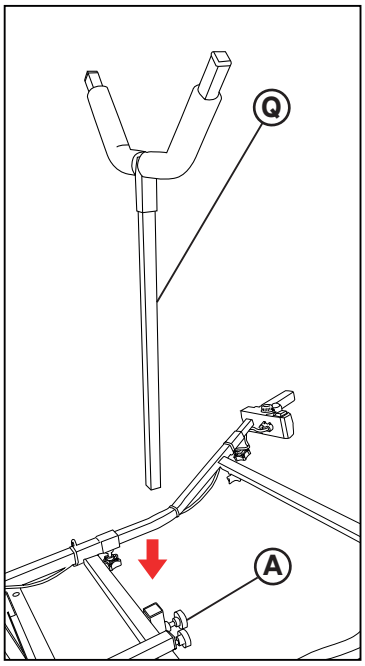
STEP 7

Fix the front bar to frame (L) and lock into place with thumb screws (A).



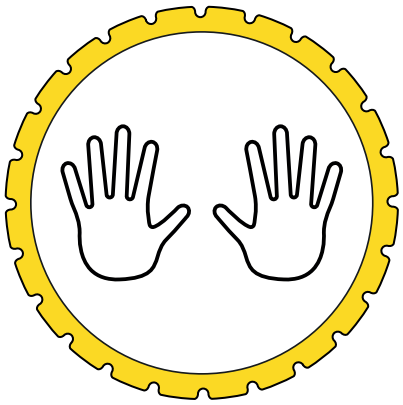
STEP 8

Place Y bar (Q) in the locator socket on the frame and tighten the two thumb screws (A) to set Y bar at desired height. You can adjust the height of the Y bar to suit different loading of tackle on the barrow.



04 CONNECTING ELECTRONICS

WHAT YOU'LL NEED...

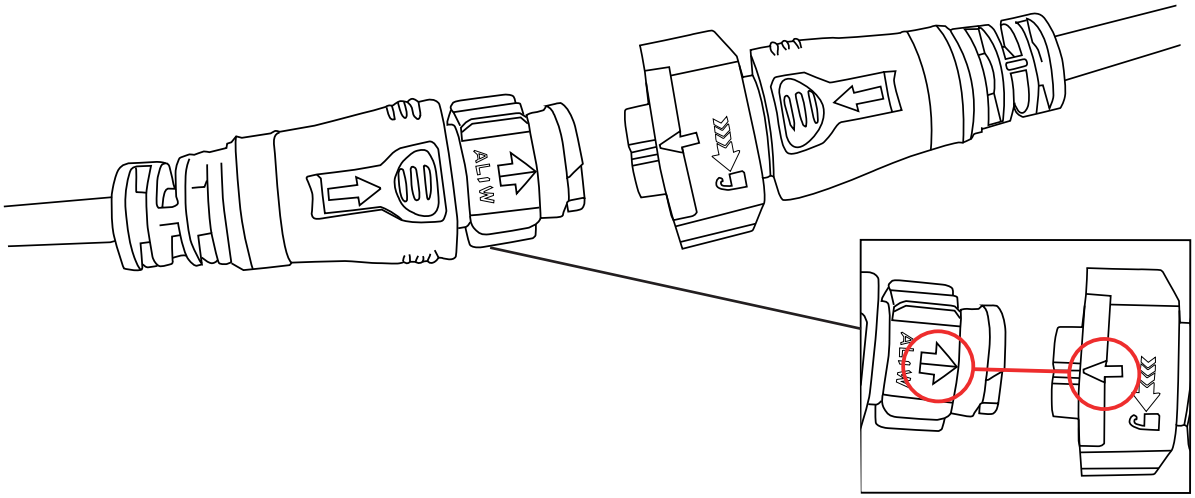


CPP009

N x 1

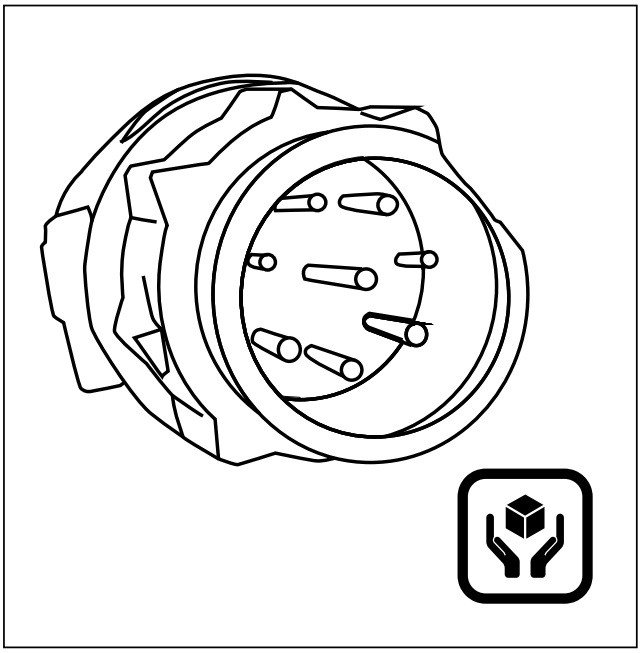
STEP 1

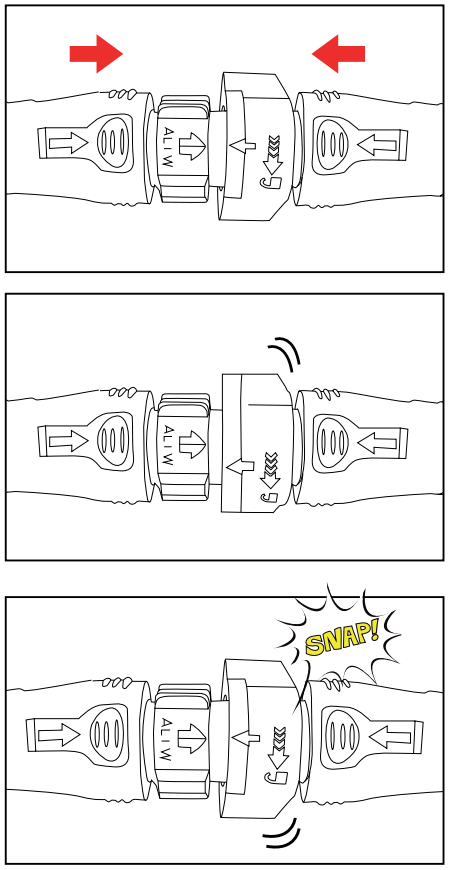
Locate the 2 connector plugs that meet at the back of the frame connecting the controller handle. Align the arrows up on each connector plug.



STEP 2

The pins in the connector plug are delicate and should not be forced or pushed, this could lead to the pins bending and breaking. **This is not covered under warranty.** Before proceeding make sure the arrows are in the correct position and only push once the arrows are adjacent to each other.



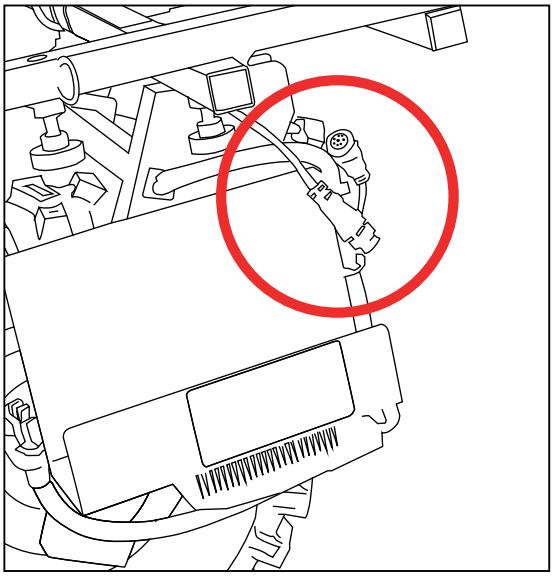


STEP 3

When pressure is applied the bayonet connector will rotate down toward the unlock symbol to connect the pins and snap back into place, you should hear the snap on its return. This means its locked in and fully connected.

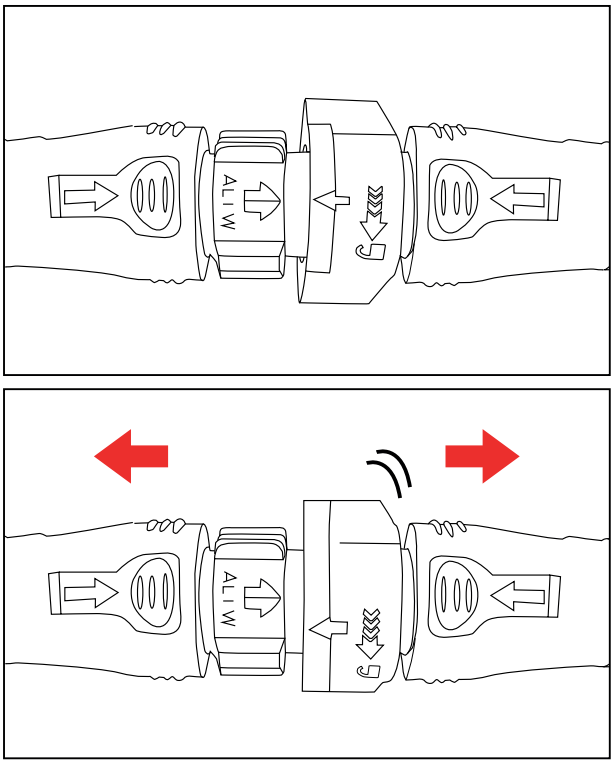
STEP 4

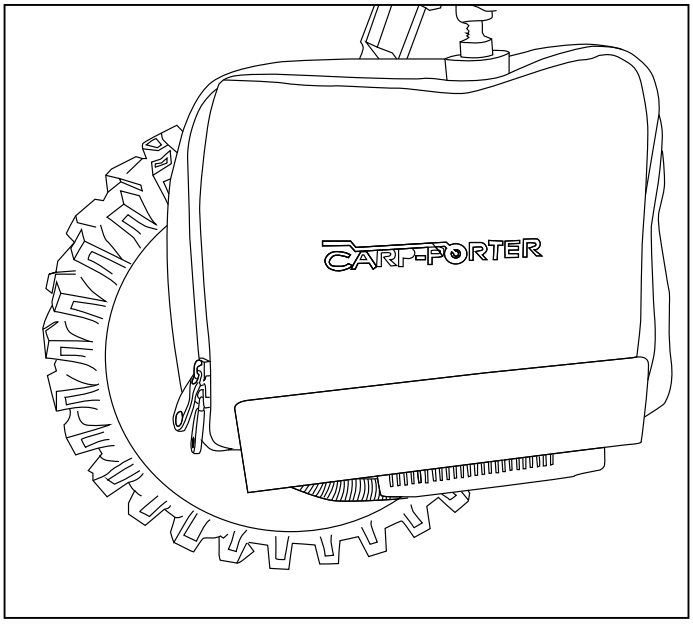
Repeat the same process for the two front plugs that connect the controller handle to battery.



STEP 5

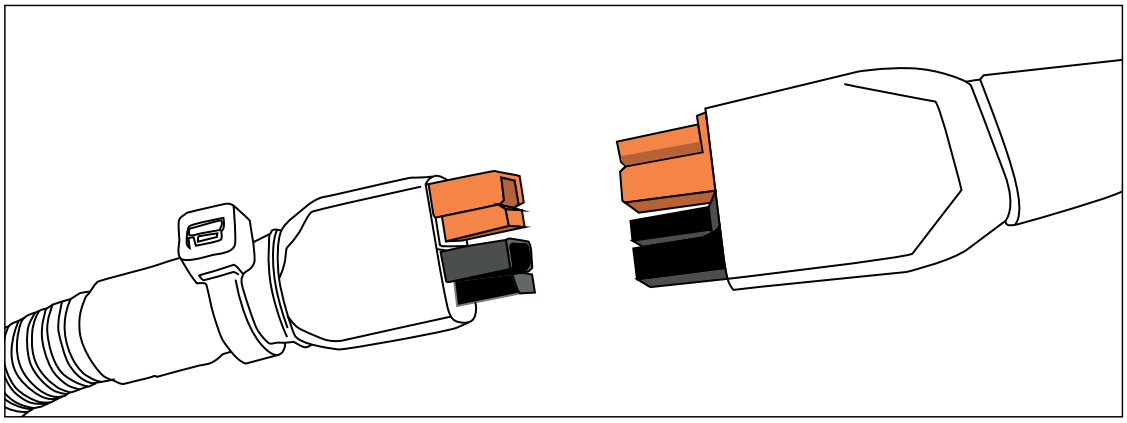
If you need to disconnect the plugs, turn the bayonet towards the unlocked padlock symbol and pull to separate, initially you may feel some resistance but they will free up after a couple seconds.





STEP 6

Place the battery (N) in the battery holder on the front wheel.

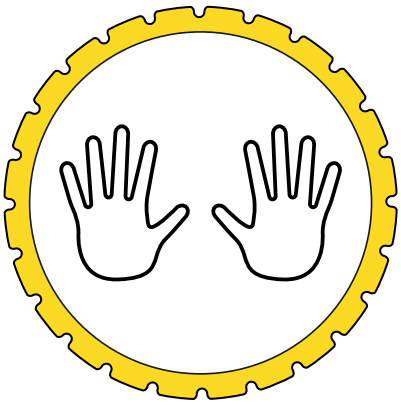


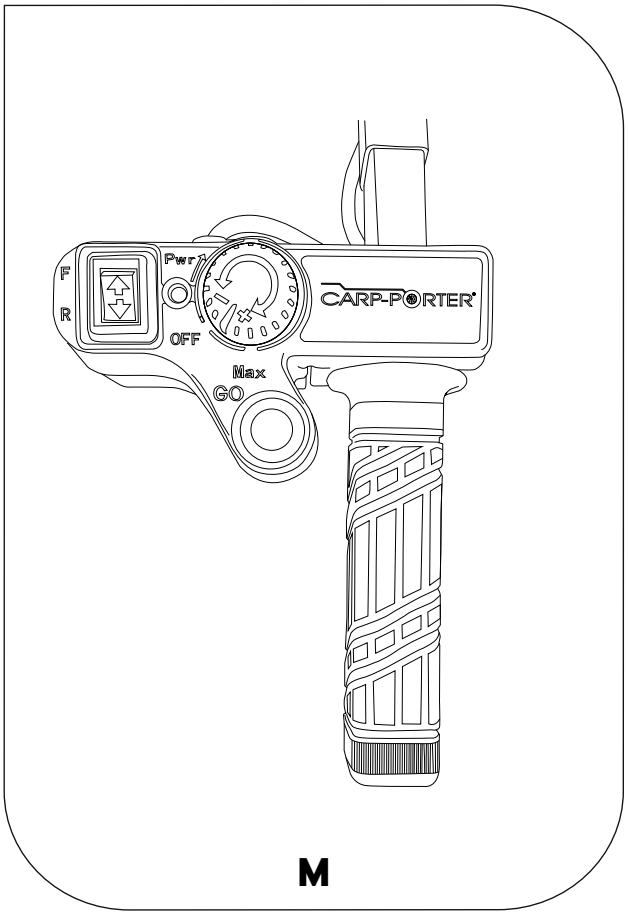
STEP 7

Once the battery is in place you can now connect the plugs locating from the front wheel to the battery, make sure the rotary dial on the hand controller is off before connecting, the plugs need to connect red to red and black to black as shown above.

05 HOW TO OPERATE

WHAT YOU'LL NEED...

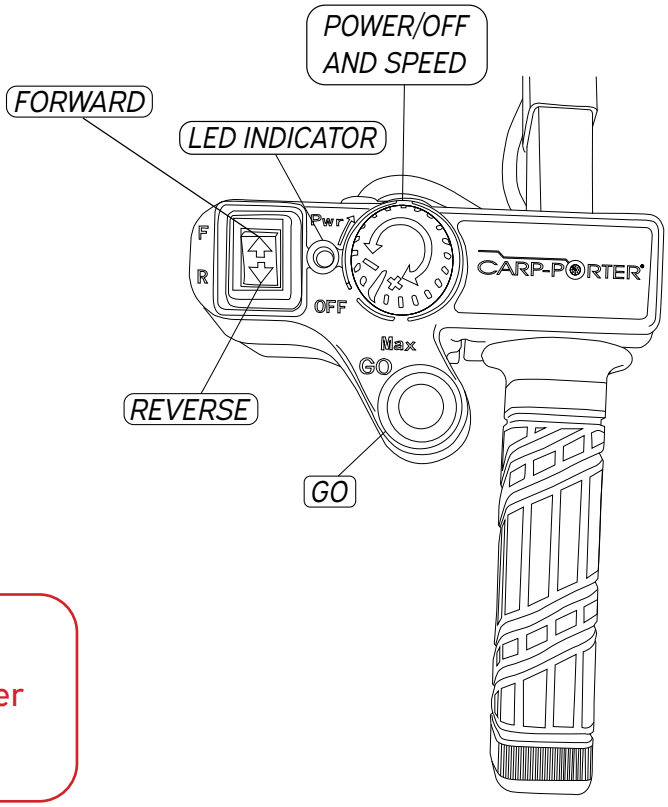




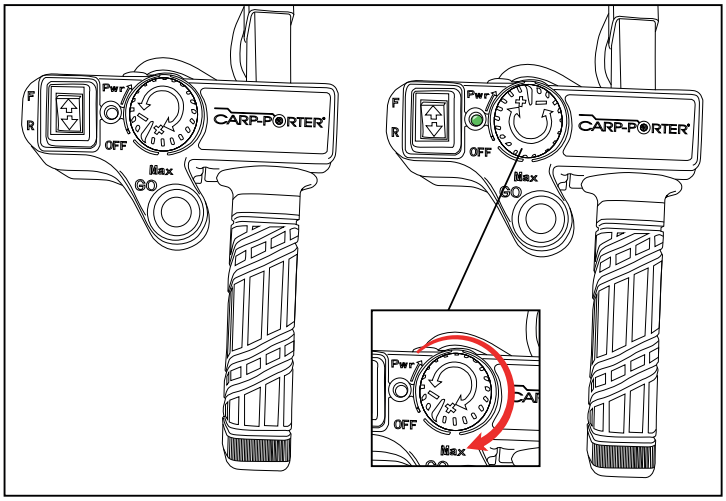
M

STEP 1

Now that everything is connected and ready for use familiarise yourself with the control unit.



Avoid heavy showers on your hand control unit and cover over night when leaving outside.

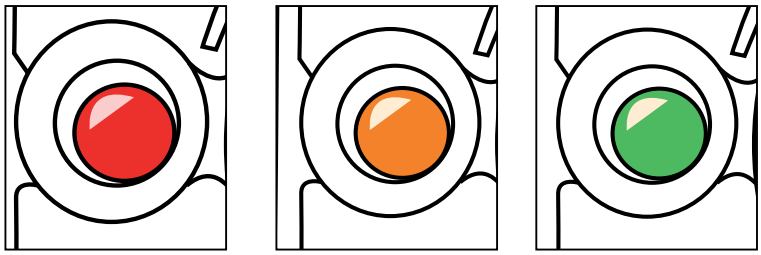


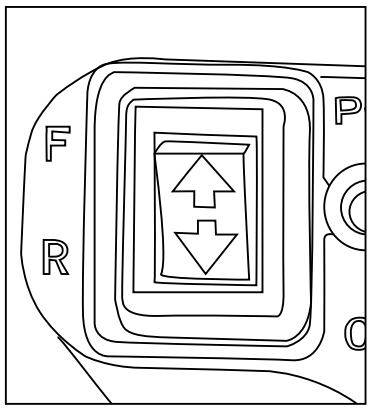
STEP 2

Rotate the power dial clockwise, the led indicator should now light up to indicate power, if this doesn't happen the battery may need charging.

STEP 3

The led light will show green if fully charged, amber will show low and red will flash for very low, if your light shows red or amber turn the dial to off mode and charge the battery. (See page 28 for charging instructions).



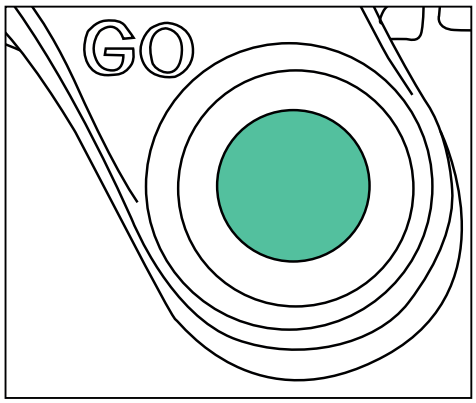


STEP 4

At the left hand side of the controller locate the direction switch, press up for forward and down for reverse.

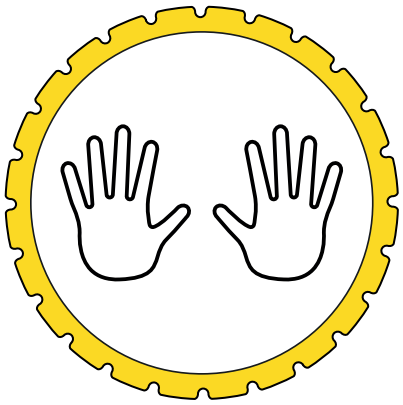
STEP 5

Press the green go button to start moving, the Power Porter has an average walk speed of 3.5/4mph with 60kg, the speed dial can be adjusted to match your terrain and load, turn clockwise to increase the speed.

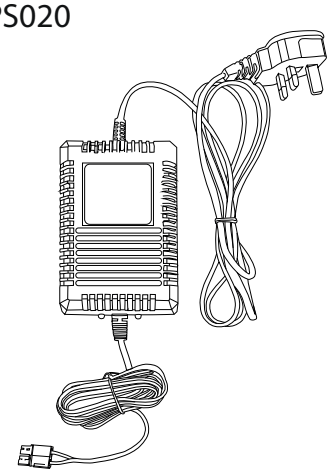


06 BATTERY LIFE & CARE

WHAT YOU'LL NEED...



CPS020



R x 1

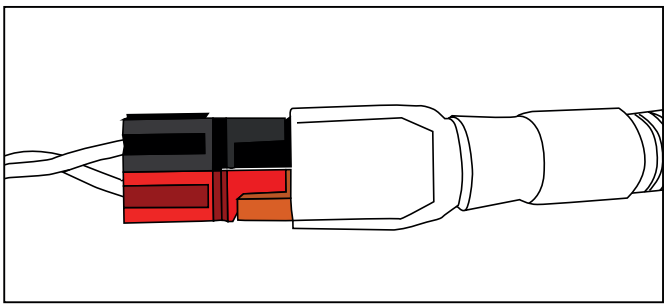
CPP009

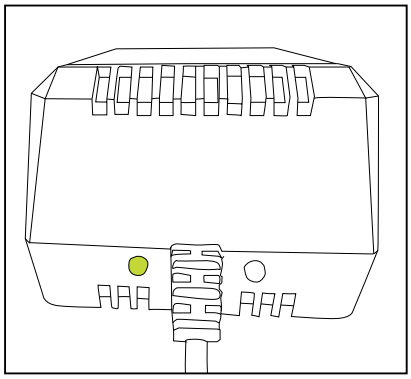
N x 1

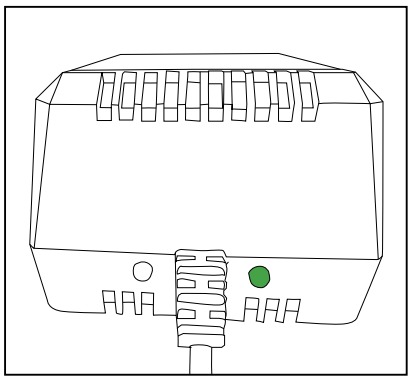
HOW TO CHARGE YOUR BATTERY

STEP 1

Plug in your battery charger, keep the plug socket off until you've attached the battery. Remove your battery pack from your barrow, making sure the power is off before disconnecting the battery and connect to the charger using the plugs, like before red to red and black to black.





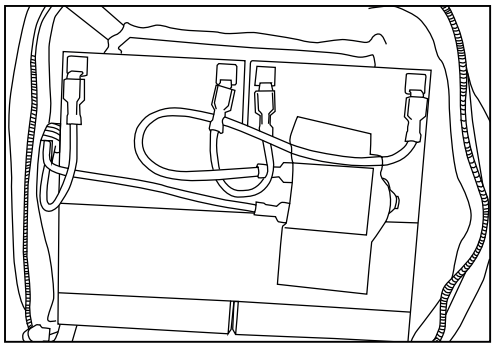


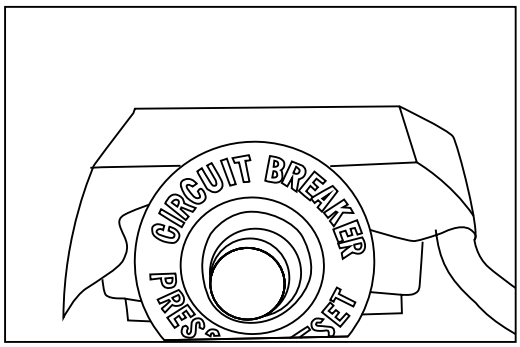
STEP 2

If the battery does need charging the led light on the charger will show amber, this will change to green when fully charged. We recommend to disconnect once the battery is charged and to not leave it unattended for long periods of time. Ensure there is good airflow around the charger as it may get hot whilst in use.

OVERLOAD PROTECTOR

Attached to your battery in the bag you have a switch current overload protector button, in the event of an overload this will protect the battery and trip out much like a fuse would. For example this can happen when you overload the circuitry on a big hill. If this does happen the Power Porter will lose power, simply press the reset button located on the battery, this will reinstate power and the led will light up.





HOW TO CARE FOR YOUR BATTERY

It is important to keep your battery fully charged before storing, especially if you are not using it for extended periods of time, this could lead to the battery being completely depleted and in need of replacement. To avoid replacement always follow the charging instructions to get the maximum life expectancy out of your battery.

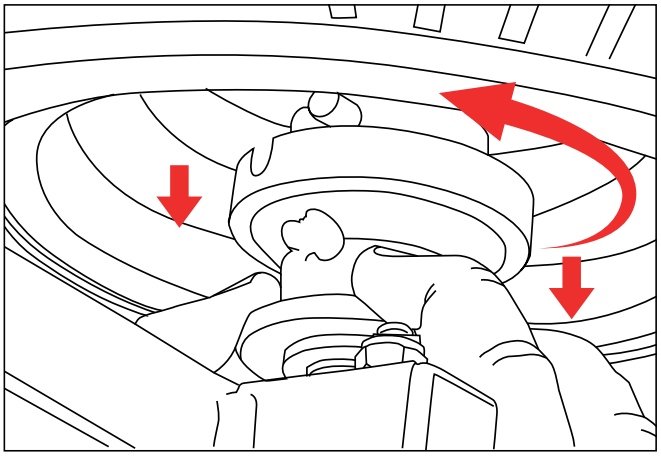
When in use never lean on the handles as the barrow will be pulling your weight in addition to the weight of the load, this can severely drain the battery. Always be responsible when storing your battery and keep out of reach of children. Check there is no damage to the battery or wires before use, this is a major fire hazard. In the event of any damage discontinue use immediately.

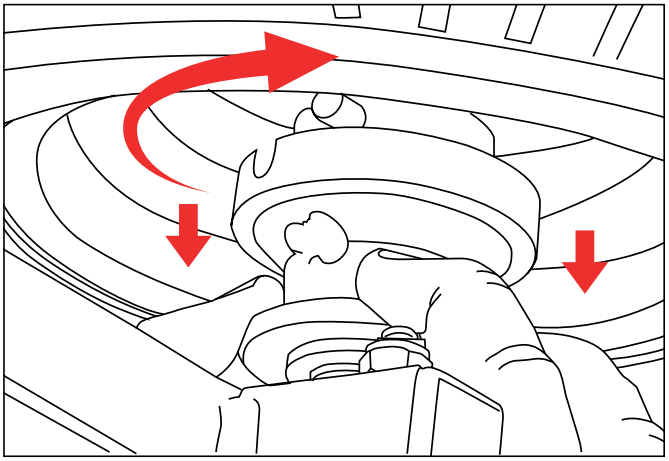
07 FREE WHEEL

WHAT YOU'LL NEED...

STEP 1

In the event of the battery failing it may be necessary to release the free wheel hub. First ensure the power is switched off, then release by pulling back and turning anticlockwise, the hub will disengage from the pins and free wheeling mode is possible.



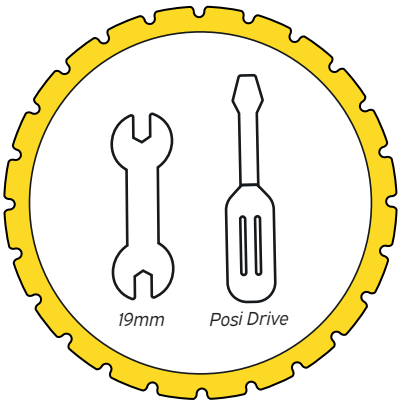


STEP 2

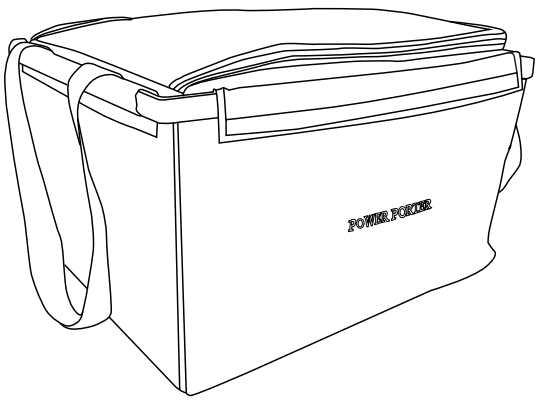
To lock back into drive, pull back the hub against the spring and turn to the right, the hub will release from free wheeling mode and lock back into the motor, this can now be used under power.

08 FINAL CHECKS

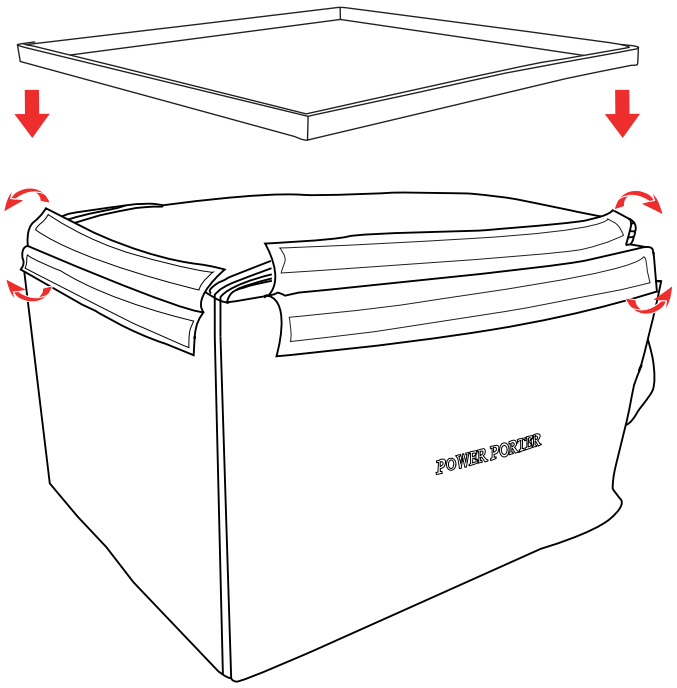
WHAT YOU'LL NEED...



CPS061



O x 1

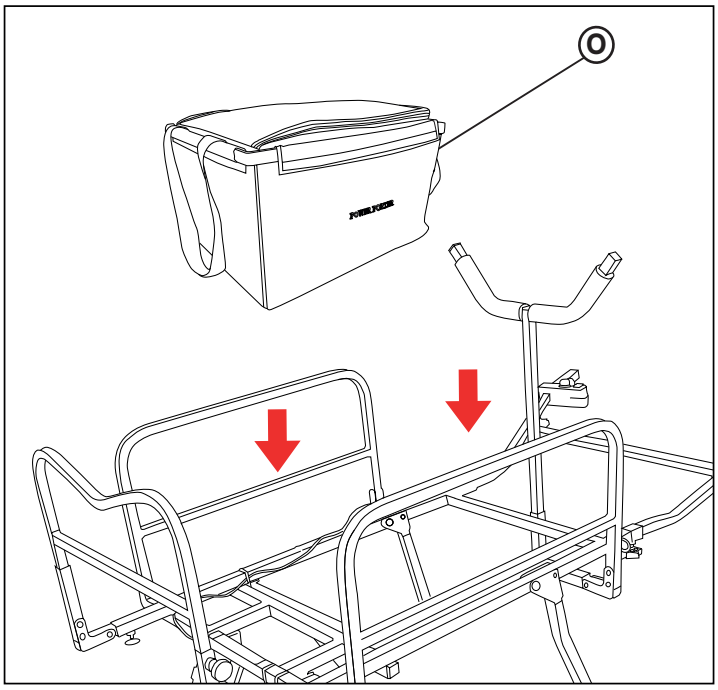


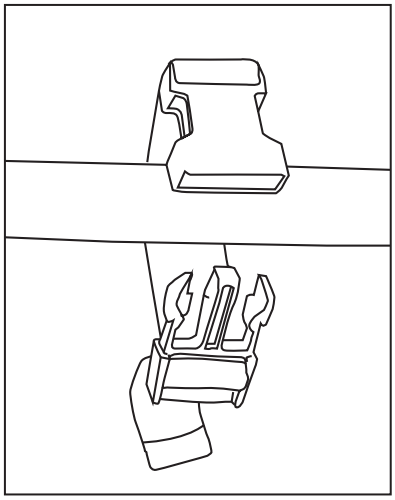
STEP 1

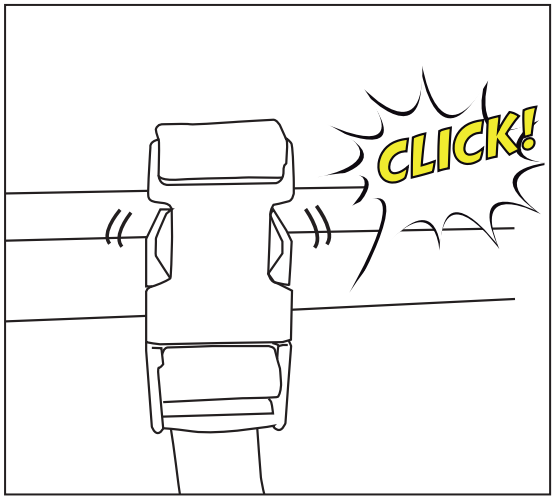
Attached drop-in bag support frames to drop in bag, fixing in place under the velcro flaps.

STEP 2

Place drop-in bag (O) into Carp Porter frame as shown, ensure the support frame inside the Velcro flaps locate in the bag retaining channel on the frame.

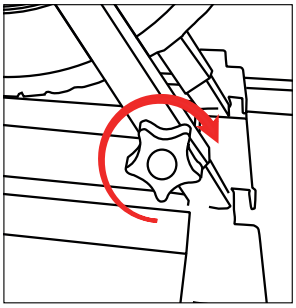


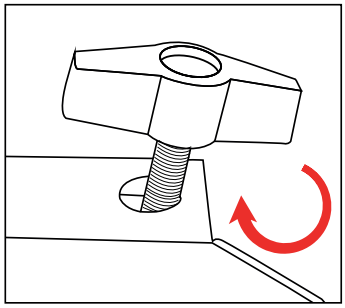


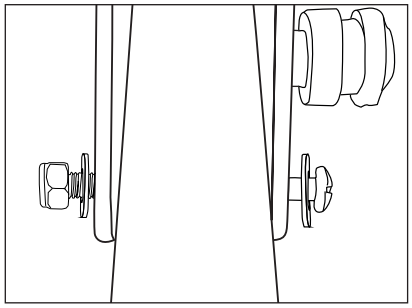


STEP 3

Once the bag is positioned correctly use the clips to secure the bag in place.

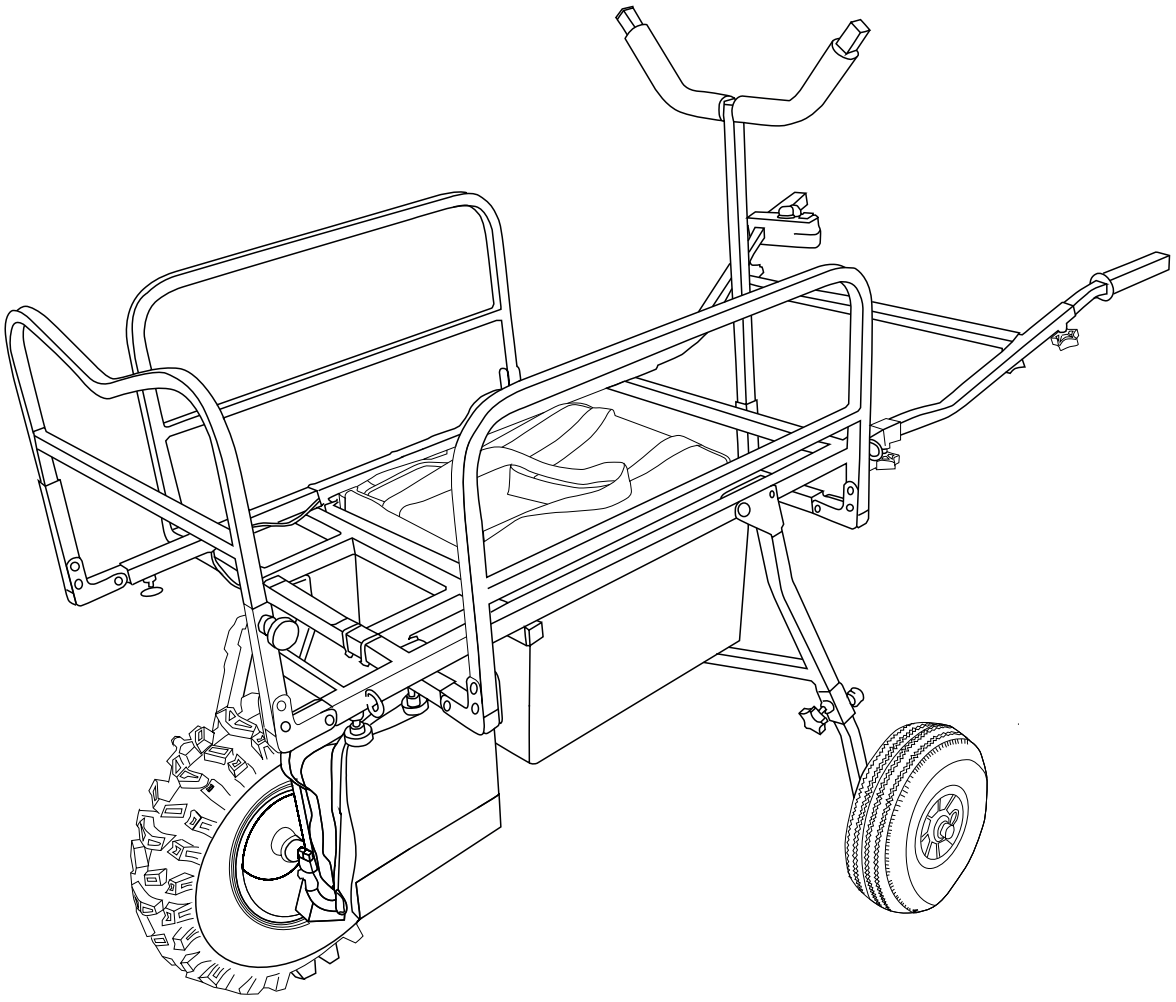






STEP 4

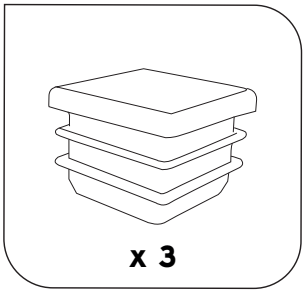
Finally check all hand screws are tightened correctly, the front wheel is inflated to the correct pressure of 30 psi and the rear wheels are the corresct pressure of 25 psi, make sure the bolts and nuts on the front wheel and rear wheels are tight.

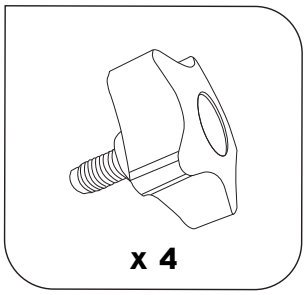


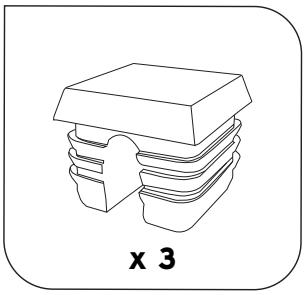
STEP 5

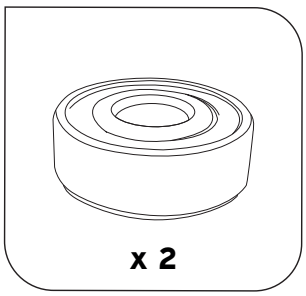
You should now have your fully assembled MK8 Power-Porter.

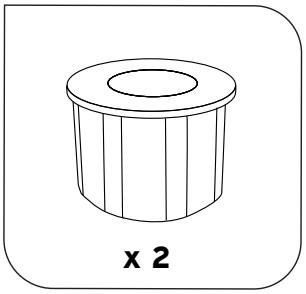
SPARE PARTS


x 3


x 4


x 3


x 2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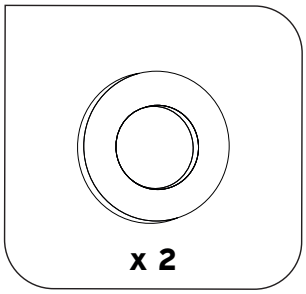
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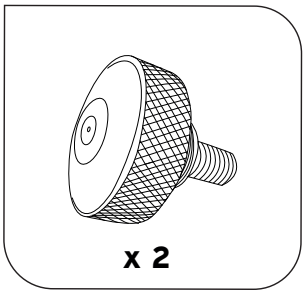
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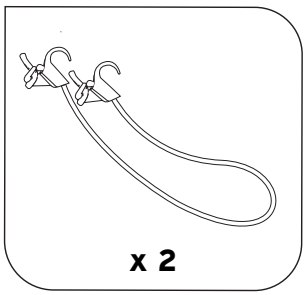
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The MK8 Power Porter comes with a pack of spare parts, this pack contains:

- Wheel bushes
- 2 M12 Washers
- 6 End caps
- 7 Hand screws
- 2 Wheel bearings
- 2 Bungee straps
- 2 Thumb screws
- 4 Hand screws

If you require any other spare parts please use the product codes provided in this manual and visit our website:

w w w . c a r p - p o r t e r . c o m

DISCLAIMER

IMPORTANT DO NOT OVER INFLATE THE WHEELS, CHECK THE MARKING ON THE TYRE FOR MAXIMUM INFLATION PRESSURE OF 30 PSI FOR THE FRONT WHEEL AND 25 PSI FOR THE REAR WHEELS.

Your MK8 Power-Porter has been designed to provide years of trouble-free service. To ensure your Power-Porter remains in tip top condition we recommend the following maintenance routine. During Winter or after exposure to rain spray WD40 inside all box sections at the handle, side and front bar fixing points. The hand screws located around the barrow frame are designed to be tightened by hand, do not use tools to over tighten.

We recommend that you avoid leaving your power porter out in heavy showers and keep all electrical parts covered when left outside overnight, always be responsible and be aware of your surroundings ensure there are no obstacles, children or animals in front of your Power-Porter before you drive away.

Be careful when handling your Power-Porter, especially when lifting in and out your car. The Carp Porter may be heavy and the wheels or the unrestrained parts may open or move unexpectedly. For best results always follow our instructions and safety guidance.

At Carp Porter it is part of our mission to make our packaging as recyclable as possible, this is an ongoing policy, and we continue to strive to develop and use sustainable packaging, and we ask you to join with us to help us protect the environment by recycling as much packaging as possible.