

Owner's Manual

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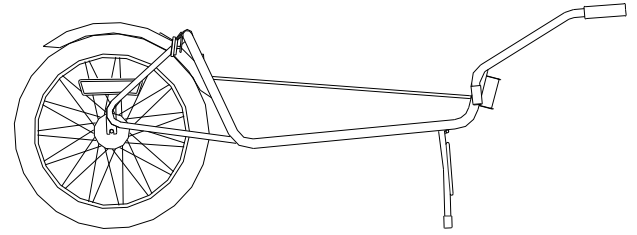
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The content, information and material contained in this Owner's Manual is for general informational purposes only. If you are seeking advice on any matters relating to information on our product, you should, where appropriate, contact Stamet Tech at info@mayacycle.com directly with your specific query.



Stamet Tech Inc. would like to thank you for purchasing our universal one-wheel bicycle cargo trailer, the Maya Cycle. The Maya Cycle trailer will serve your needs to conveniently transport cargo not only by pulling it behind your bicycle, but also by easily converting into the Maya Cycle wheelbarrow when required, allowing you to carry your cargo right to where you want it.



Maya Cycle is designed for transporting cargo of up to 66 lbs (30 kg). Maya Cycle is NOT designed or intended for the purpose of transporting children or animals and doing so may cause serious injury to both the cyclist and passenger.

Please read the following instructions carefully. If you have any questions regarding assembly, please contact your dealer or Stamet Tech Inc.

WARNINGS

- Maya Cycle is designed to carry cargo ONLY
- DO NOT PUT CHILDREN OR ANIMALS IN THE TRAILER AT ANY TIME
- Cargo Capacity is 30 kg (66 lbs)
- The heavier your cargo load, the more it will affect your riding capability
- The elastic straps are used to secure cargo to the frame
- The Maya Cycle flag is designed to safely show other vehicles and pedestrians that your bicycle is towing an attachment behind you
- The wheel, the fender reflectors and the reflective strip on the bag help in night visibility

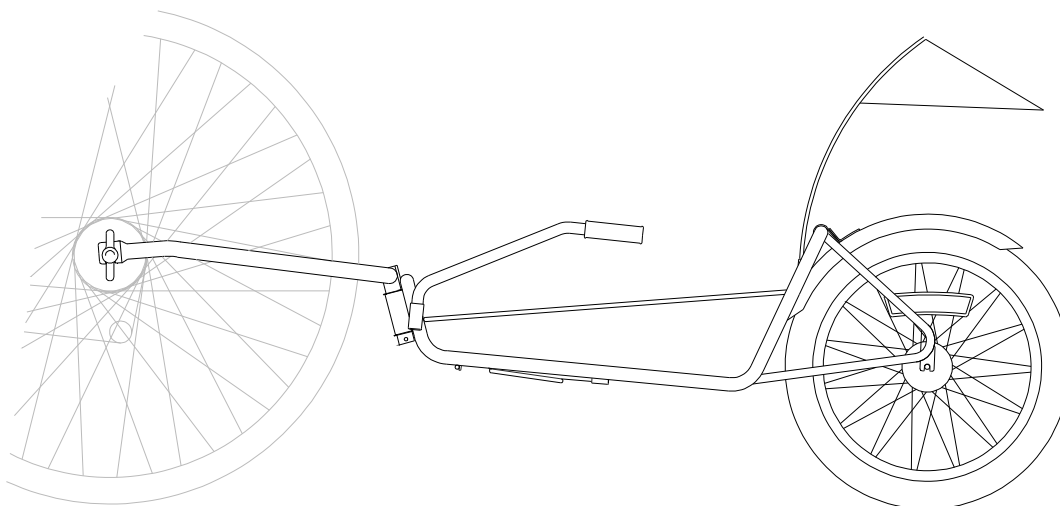


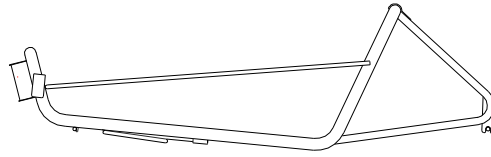
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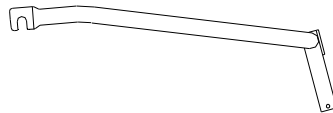
Maya Cycle Bicycle Trailer Assembly Instructions

Step 1: Check for all parts in the box:

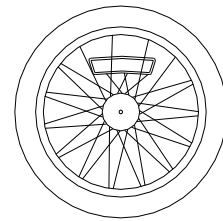
- Trailer – 1pc



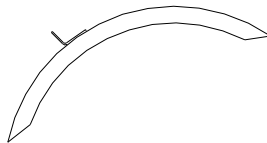
- Fork – 1pc



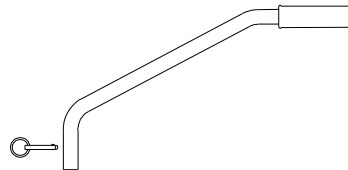
- 16 x 1.75" fully assembled wheel with spoke reflector – 1pc



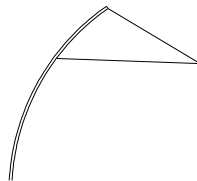
- Fender and bolt – 1pc



- Handlebar set with spring pin – 2 sets



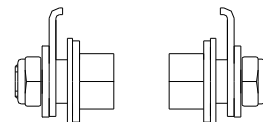
- Safety flag – 1 set



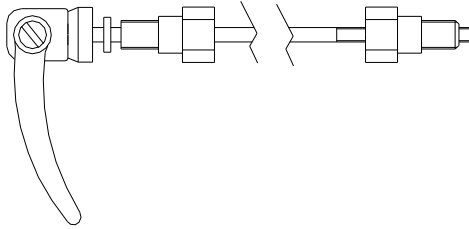
- Reflective light with nut – 1 set
(attached to the frame)



- Maya Cycle adaptor nuts (steel washers, plastic washers, axle brackets, lock nuts) – 2 sets



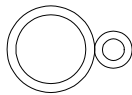
- Quick release set (sleeve, nut, squire, steel washers – note that plastic washer x2, steel washer x4, axle bracket x2, lock nut x2 are included in the Maya Cycle adaptor nut set) - 1pc



- Elastic strap – 2 sets



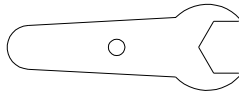
- Welded ring – 1pc (attached to the fork)



- Detent ring pin with lanyard – 3pcs (attached to the frame and to the fork)



- Lock nut wrench



Step 2: Putting Maya Cycle together

Attach the wheel, the fender and the reflective light to the Maya Cycle trailer as shown in Figure 1. Use the nuts and bolts provided with each part.

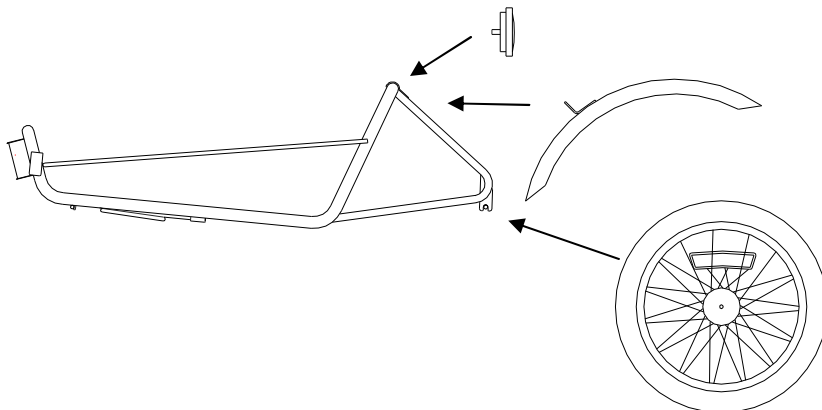


Figure. 1 Maya Cycle trailer, wheel and fender attachment

Step 3: Replacing the standard bicycle rear-axle nuts with the Maya Cycle adaptor nuts

- A) Remove only one rear-axle nut from the rear axle of your bicycle, keeping the bicycle wheel in its original position.
- B) Replace it with the Maya Cycle adaptor nut. The sequence of parts assembled is shown in Figure 2.
- C) Please note that once the original bicycle rear wheel axle nut is removed, the length of the axle rod from the bicycle fork to the end should not exceed 14mm. If it does, an additional washer needs to be placed between the Maya Cycle adaptor and bicycle rear fork. The Maya Cycle adaptor needs to be tight against the bicycle fork, same as the original rear wheel axle nut.
- D) Repeat the above with the other rear-axle nut.

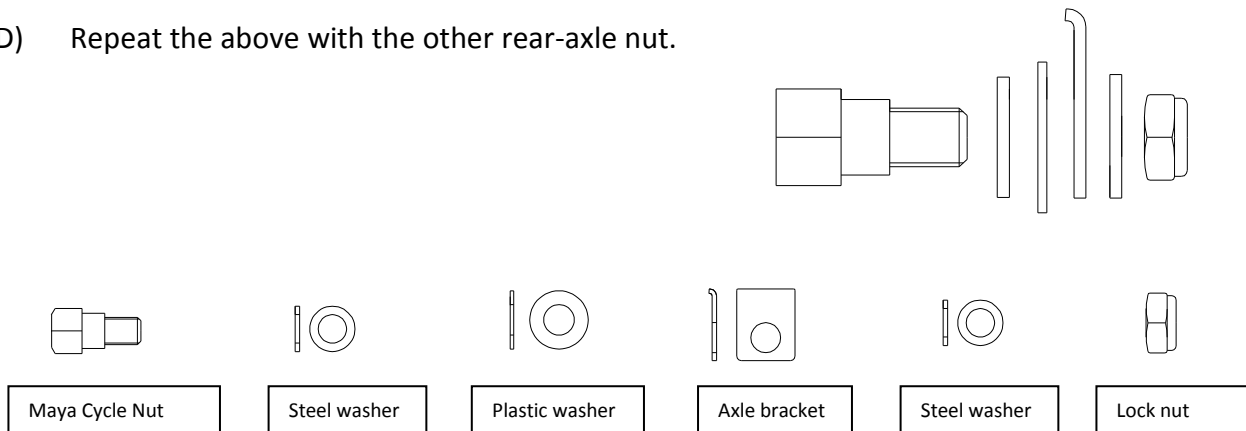


Figure. 2 Maya Cycle adaptor nuts and components

- E) Bicycles have various distances between the outside surfaces of their rear fork at the axle. The Maya Cycle fork fits best on bicycles where the distance between the flat surfaces is between 130mm and 165mm. The fork (Fig. 3) can be manually adjusted to reach a desired distance to fit between the axle bracket and the plastic washer. Ideally, the fork should sit tight against the plastic washers.

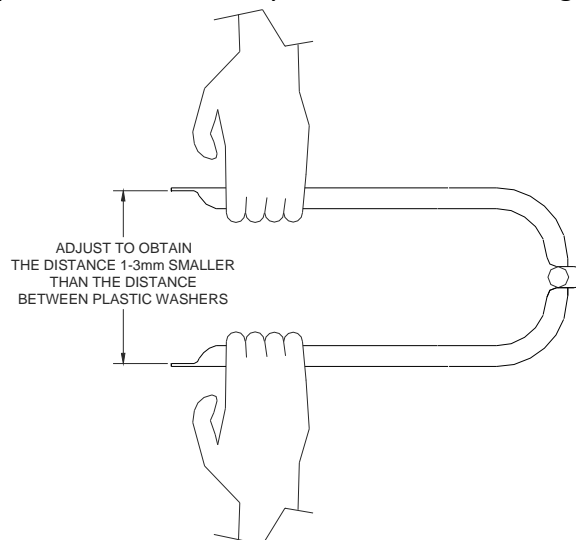


Figure. 3 Manual adjustment of the fork to obtain a desired distance

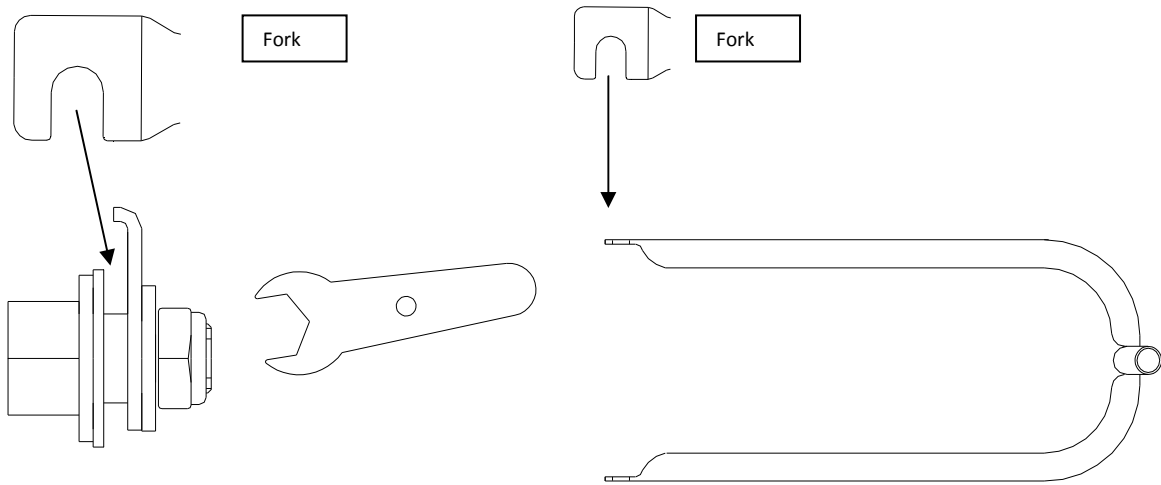


Figure. 4 Attaching the Maya Cycle fork to the adaptor nuts

- F) Loosen the lock nut and hook the fork between the plastic washer and axle bracket. Position the axle bracket so it firmly grips the top of the fork and tighten the lock nut using the lock nut wrench.

Quick Release Option

- G) Replace the existing quick release on your bicycle with the Maya Cycle Quick Release (QR) set. Use the lock nuts, steel washers, axle brackets and plastic washers from the Maya Cycle adaptor nuts and place them on the Maya Cycle QR Squire as per sequence in Fig 5 shown below. Use your bicycle's quick release springs if they are needed.

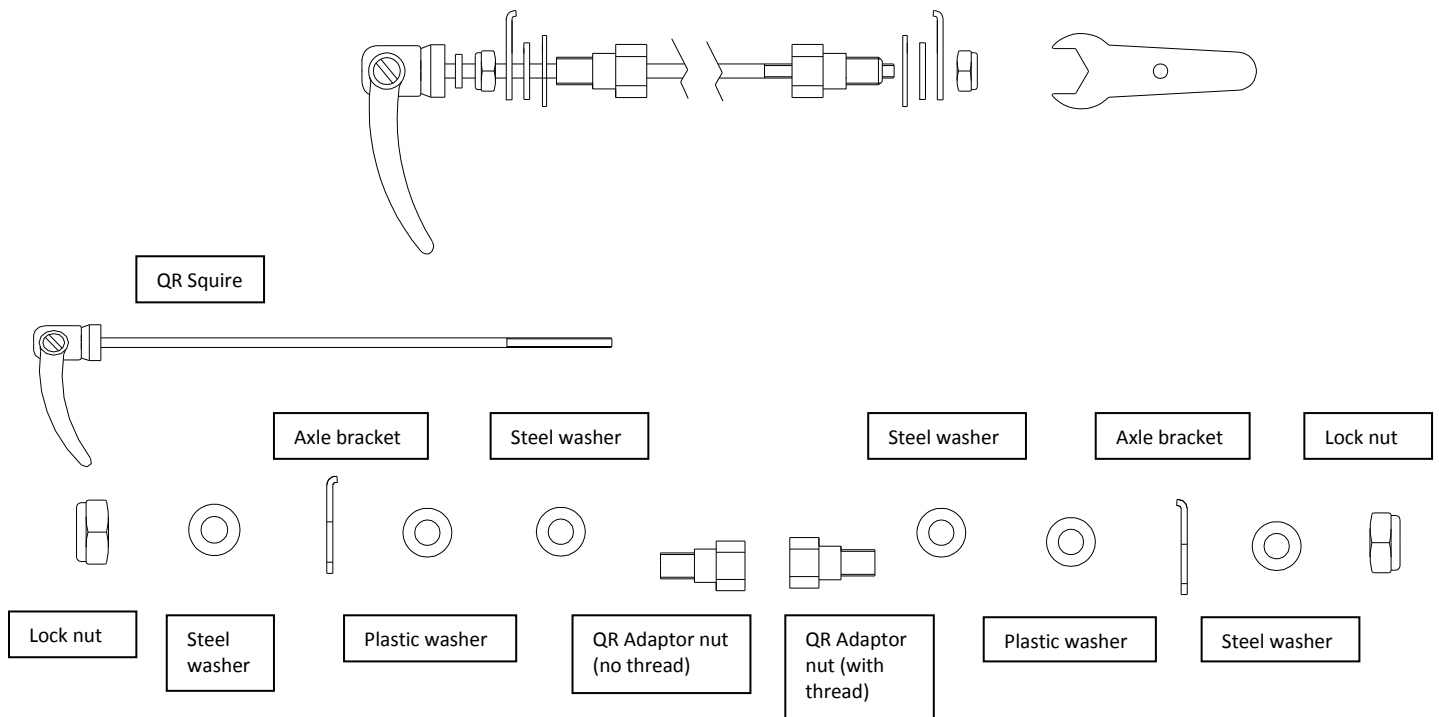


Figure. 5 Quick Release components and assembly

H) In order to place the fork, loosen the lock nut a few turns. Position the axle bracket so it firmly grips the top of the fork. Tighten the lock nut using the lock nut wrench. Note that the wrench can be placed within the forks pivot tube and retained by the spring pin.

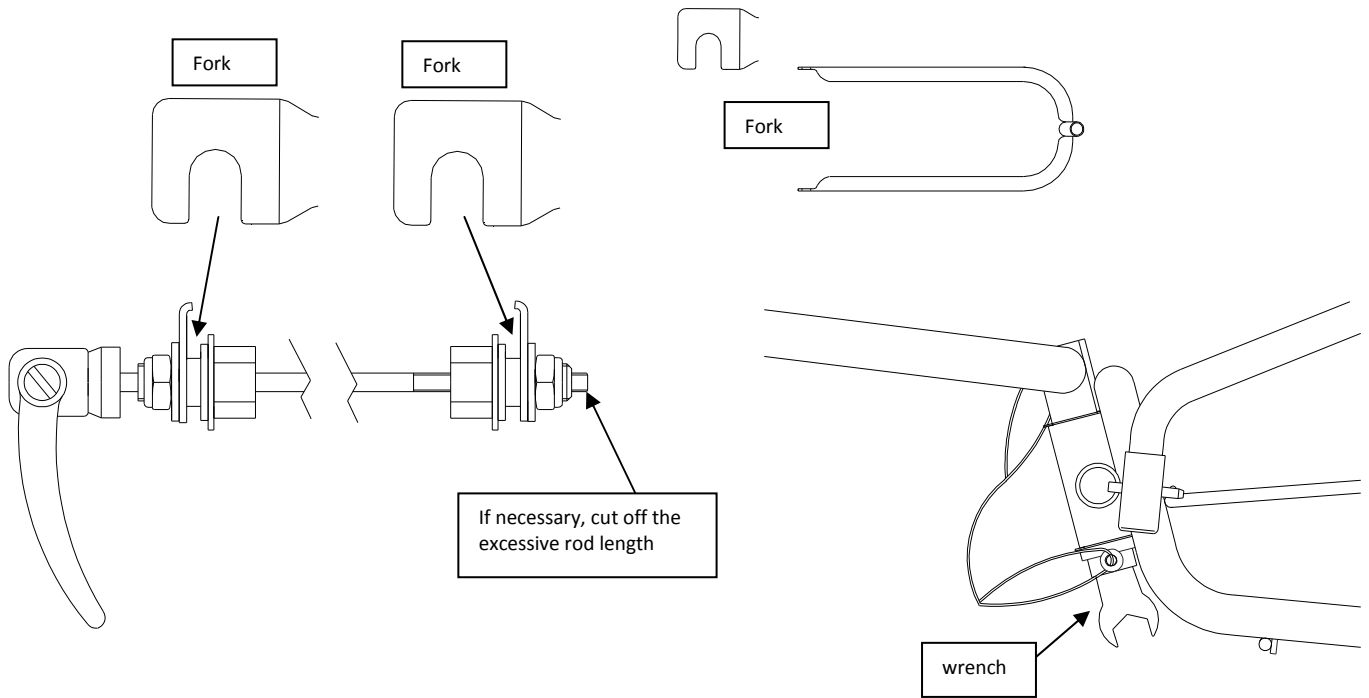
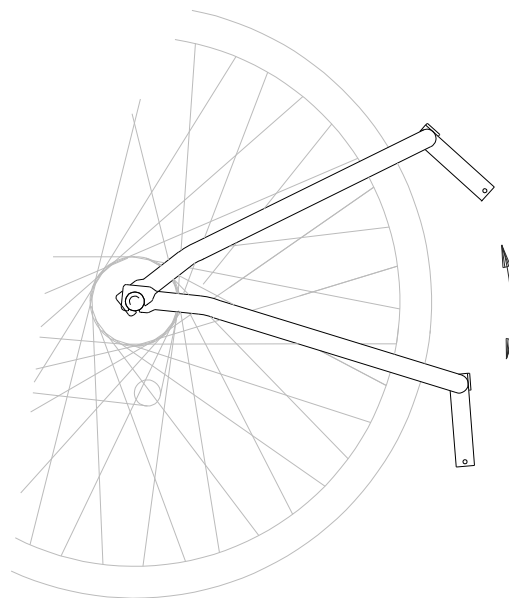


Figure. 6 Attaching the Maya Cycle fork to the Quick Release

I) Lift the fork up and down. The lock nuts should remain stationary while the fork moves up and down smoothly. It is normal for the lock nuts to loosen slightly.

Figure. 7 Check that the lock nut remains stationary



Step 4: Attaching the fork to the Maya Cycle Trailer

- A) Position the trailer in line with the back wheel of the bicycle.
- B) Insert the pivot tube of the fork into the trailer sleeve.
 - With the kickstand up and little or no cargo, stand over the back wheel of the bicycle, facing the trailer. Attach the Maya Cycle trailer to the fork using your hands as shown in Figure 8.

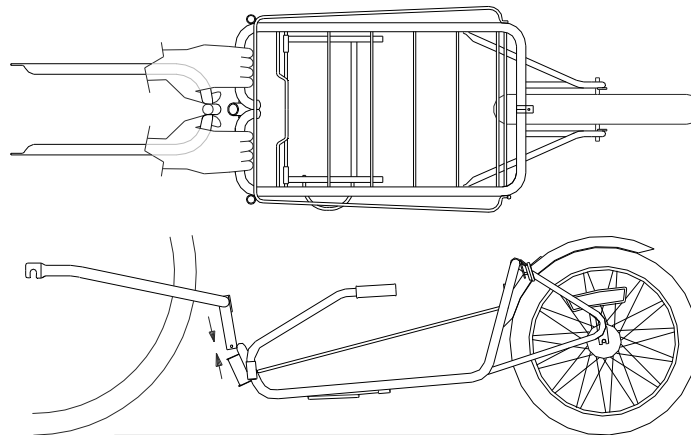


Figure. 8 Attaching Maya Cycle trailer to the fork with the kickstand up

- With the kickstand down, stand over the back wheel of the bicycle, facing the trailer. Lift the back of your bicycle wheel by the sides of the fork and point the pivot tube into the trailer sleeve. This method is particularly handy when the trailer is loaded with heavy cargo.

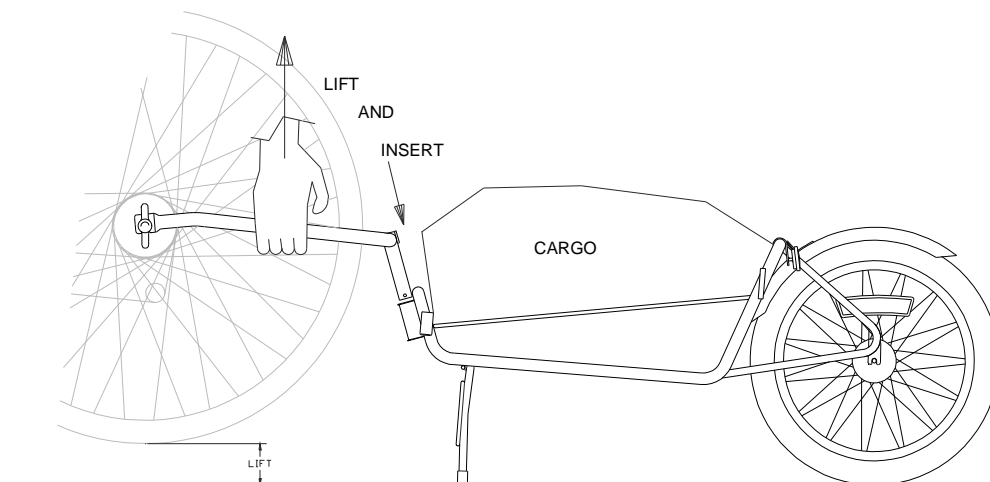


Figure. 9 Attaching Maya Cycle trailer to the fork with kickstand down

- C) Place the welded ring over the pivot tube from the bottom and lock it in place by inserting the detent pin through the pivot tube. This will keep the trailer attached to the fork.

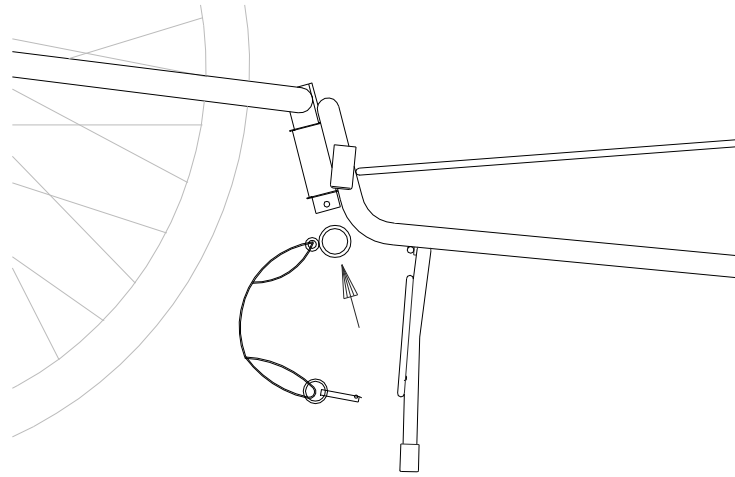


Figure. 10 Inserting welded ring and detent pin

Step 5: Wheelbarrow Handles and Flag Assembly

- A) The Maya Cycle wheelbarrow handles have two purposes: 1) to convert the trailer into a wheelbarrow; 2) to keep cargo that is stacked tall within the trailer. Use the spring pins to keep the handles in place.

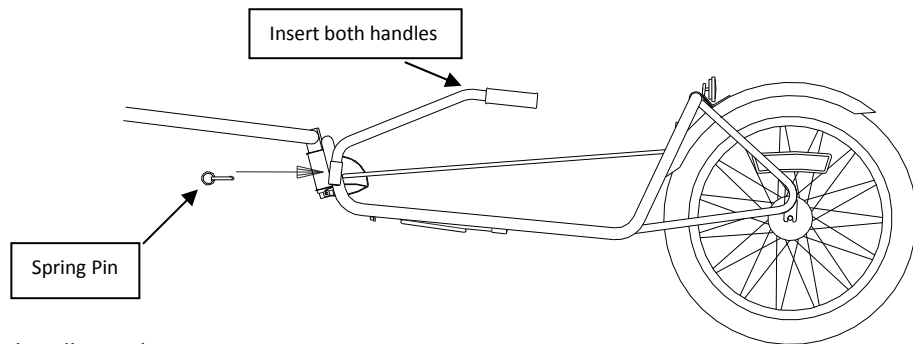


Figure. 11 Inserting both handles and spring pins

- B) Add safety flag to complete the assembly.

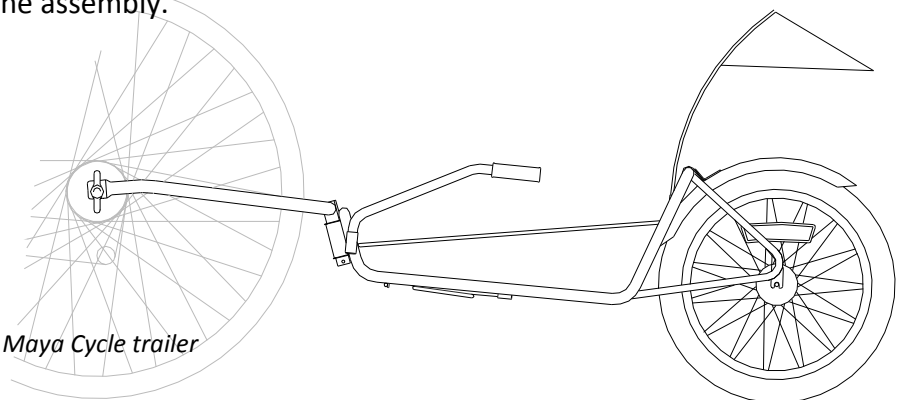


Figure. 12 Completely assembled Maya Cycle trailer

Conversion into Wheelbarrow Instructions

- Remove the trailer from the fork
- Remove the spring pin holding the handle bars in place
- Rotate the handlebar
- Place the spring pin back, holding the handle bars in place

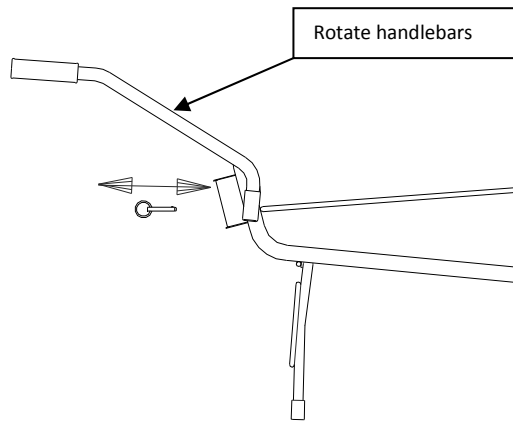


Figure. 13 Rotating of handlebars

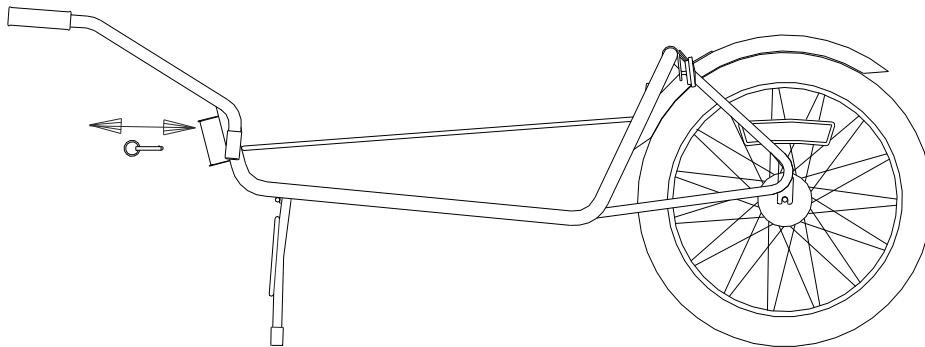


Figure. 14 Trailer in wheelbarrow mode

Important Dimensions to Consider

Please note that when the Maya Cycle trailer is attached to a bicycle with wheels smaller than 28 inches, the trailer's wheel will be unsupported when the kickstand is down. Please see dimensions below (for reference only).

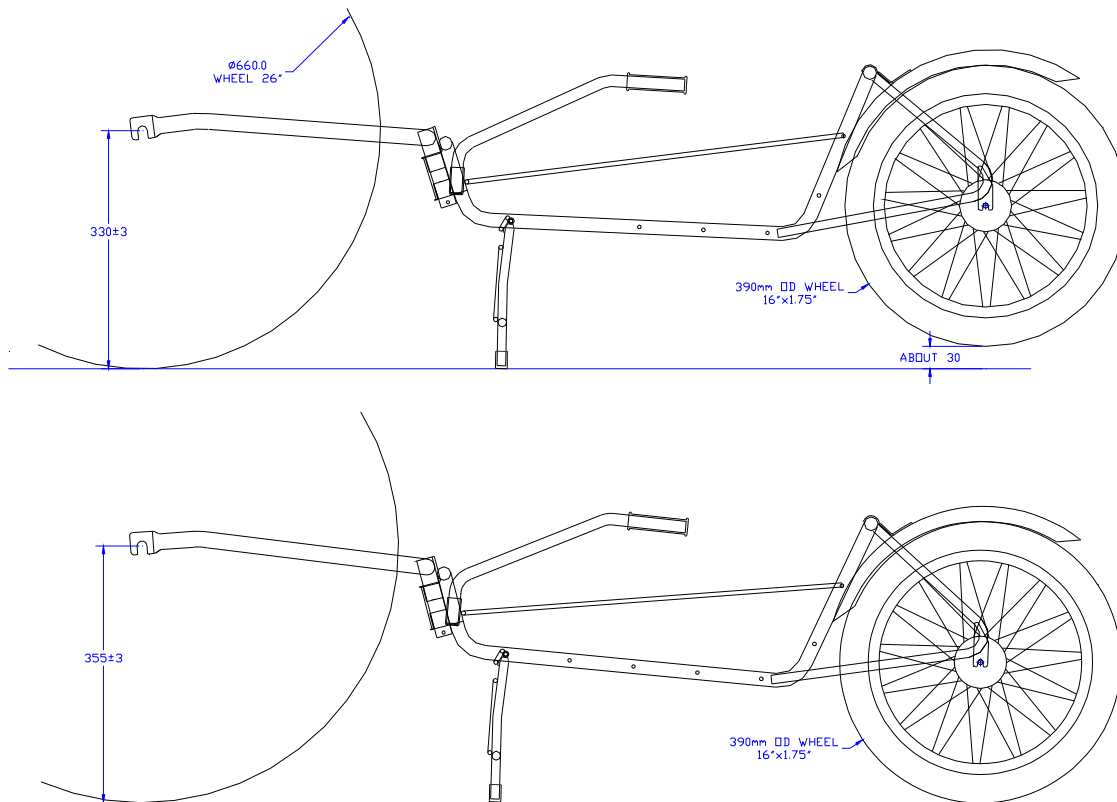


Figure. 15 26" vs. 28" wheel and trailer dimensions

Specifications

Frame: ASTM 513 steel welded tube

Finish: Powder Coated

Length of trailer including wheel extended from the back of your bicycle (approximately): 1 meter

Cargo Area (approximately): Length 0.48 m X Width 0.38 m X Height 0.31 m

Total trailer weight: 5.9 kg (13 lbs)

Total wheelbarrow weight (minus the fork): 4.8 kg (10.6 lbs)

Load Capacity: 30 kg (66 lbs)

Wheel size: 16 x 1.75" Nylon wheel with aluminum rim, steel hub, solid axle

Attachment: Specially designed Maya Cycle adaptor nuts and quick-release

Accessories: Safety flag, reflector lights, elastic straps

Disclaimer of Warranties – Owner’s Manual

1. Stamet Tech warrants to the original buyer of the Maya Cycle that for the warranty period (as defined below), the Maya Cycle will be free from material defects in materials and workmanship. The foregoing warranty is subject to the proper installation, operation and maintenance of the Maya Cycle in accordance with installation instructions contained in this Owner’s Manual supplied to the buyer. Excluded from the warranty are problems due to accidents, misuse, misapplication, storage damage, negligence, or modification to the Maya Cycle or its components. Warranty claims must be made by the buyer in writing within the warranty period. Stamet Tech’s sole obligation under the foregoing warranty is, at its option, to repair, replace or correct any such defect that was present at the time of delivery, or to remove the products and to refund the purchase price to the buyer. No other warranty, express or implied, is made by Stamet Tech, and none shall be imputed or presumed.
2. The “Warranty Period” begins on the date the Maya Cycle is purchased and continues for three hundred sixty five (365) calendar days.
3. Maya Cycle’s manufacturer’s Warranty includes the Maya Cycle bicycle trailer (body) and fork ONLY. Tire, flag, nuts, bolts, and any other removable parts are not included in the one year manufacturer’s warranty.
4. Any repairs under this warranty must be conducted by Stamet Tech or its authorized service representative.
5. Stamet Tech does not authorize any person or party to assume or create for it any other obligation or liability in connection with the Maya Cycle except as set forth herein.
6. Save and except for the above, Stamet Tech disclaims all warranties of any kind, whether express or implied, including, without limitation:
 - a. Any warranty of merchantability with respect to the Maya Cycle, and the buyer agrees to accept the Maya Cycle without any warranty of merchantability; or
 - b. Any warranty of fitness for any particular purpose whatsoever with respect to the Maya Cycle.