



## OWNER'S INSTRUCTION AND SAFETY MANUAL

ITM. / ART. 803051

# 3-IN-1 TRAILER JOGGER STROLLER



**Maverick 400 Series  
Bike Trailer with Conversion**

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## CAUTION!

Biking and bicycle touring are increasingly popular recreational activities. Your new trailer is designed and constructed to provide a portable, comfortable and sturdy addition to your outdoor ventures. Please read the instruction manual and all safety warnings closely before using your trailer and keep manuals for future use.

For questions or additional information please visit [www.viavelobike.com](http://www.viavelobike.com), e-mail us at [service@innovativespt.com](mailto:service@innovativespt.com), or call 877-645-0113 between 8:00am - 5:00pm EST, Mon- Fri.

## TRAILER COMPONENTS

1. Retractable sunshade
2. All weather/mesh cover
3. Tow bar and hitch connector
4. Tow bar & conversion fork receiver
5. Padded, adjustable handlebar
6. 5 point safety harness (inside)
7. Push button release wheels
8. Rear brakes
9. Conversion fork arm
10. Jogger / Swivel wheel
11. Rear vent / Window
12. Rear Storage



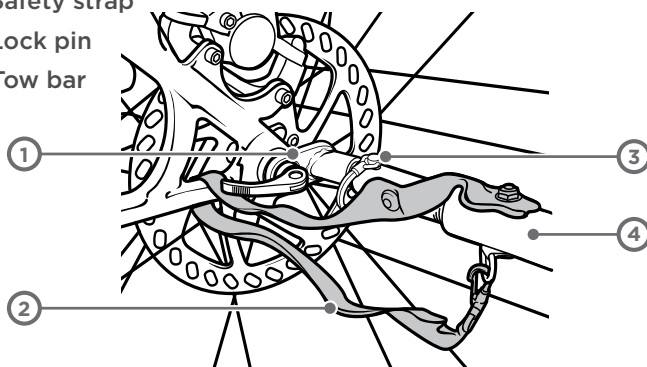
Trailer Mode



Jogger/Stroller Mode

## TOW BAR AND HITCH CONNECTOR COMPONENTS

1. Hitch connector
2. Safety strap
3. Lock pin
4. Tow bar



## PACKAGE CONTENTS:

Trailer body, cover, 2 rear wheels, brakes (L & R), tow bar with hitch connector, jogger / swivel wheel assembly, 2 conversion fork arms, 2 fixing screws, safety flag, and manual

## REQUIRED TOOLS:

Hex key (included)

10mm wrench (not included) - for attaching to non quick release bicycles only



TRAILER BODY



COVER



REAR WHEELS



BRAKE (L)



BRAKE (R)



HEX KEY



TOW BAR



HITCH  
CONNECTOR



SAFETY FLAG



CONVERSION  
FORK ARM (L)



CONVERSION  
FORK ARM (R)



FIXING SCREWS



SWIVEL / JOGGER  
WHEEL ASSEMBLY



## ASSEMBLING YOUR TRAILER

1. Remove all the trailer parts from the box. Set the main trailer body flat on the ground.
2. To open the frame, pull upwards on the handlebar until the trailer is partially unfolded.
3. Open the rear storage area.
4. While holding the upper frame in the raised position, pull the seat frame back and towards you.
5. Once you have pulled back the seat as far as it will go, close the paddle latches on each side of the frame to lock the frame in place.
6. Check that both paddle latches are engaged and secure.



### WARNING

Immediately discard of all plastic bags and plastic wrapping materials.



## LOCKING THE FRAME



## INSTALLING THE BRAKES

1. Lean the trailer backwards so that it rests on the handlebar and front of trailer is pointing upward.
2. Locate the two holes in the trailer and place screws through holes - from inside to outside, as shown.
3. Place the brake assembly against the frame, and use the hex key wrench provided to tighten the screws until snug. Repeat on both sides noting the orientation of the brake assembly.



**NOTE:** The nut is secured inside the brake assembly so you will not need a wrench or pliers to hold the nut while tightening the screws.



### WARNING

Check the security of the mounted brakes before each use.

## ATTACHING THE WHEELS

Before attaching wheels the first time - Remove the plastic caps from the ends of the axles and discard.

1. Push in the rubber button on the outside of the wheel hub.
2. Insert the wheel axle into the axle receiver on the trailer frame.
3. Pull firmly on the wheel to confirm the axle is fully engaged and locked.
4. Repeat for the other wheel.



## TO REMOVE THE WHEELS

1. Push in the rubber button on the outside of the wheel hub.
2. Pull the wheel axle out of the axle receiver on the trailer body.



### WARNING

You must make certain the frame is locked and wheels are secure before using the trailer. Failure to do so could result in serious injury to you or your child. Make sure both paddle latches are engaged prior to use. Both paddle latches are necessary for safe operation.

## ATTACHING THE COVER

1. Place the cover over the trailer with the window facing the front of the trailer.
2. Wrap the velcro backed straps and secure around both sides of the handlebar.
3. Pull down on the thumb tabs at the front corners of the cover and hook them onto the front of the trailer.
4. Secure the velcro material on the sides of the cover to the matching velcro material on the trailer.



## WARNING

Rocks and debris from the bicycle wheels could injure your child. Never use the trailer without the cover. Failure to do so could result in serious injury to your child.





## TRAILER MODE



Your trailer is designed to attach easily to just about any full-size bicycle. Once installed the hitch connector can be left on the bicycle and the trailer released using the lock pin.

The hitch connector must be attached to the left rear axle of the bike. Do not attach to any cycle where it cannot attach to the axle. It is recommended that the bicycle(s) to which the trailer will be attached undergo a safety check by a qualified bicycle mechanic before attaching the trailer to it. This trailer is not designed to be used with electric bikes or motorcycles.

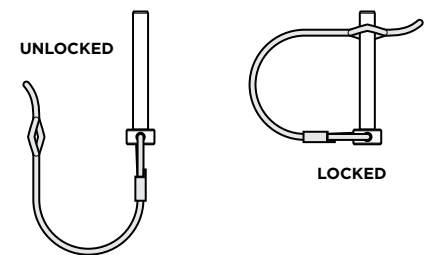
Additional hitch connectors for use on multiple bikes can be purchased at: [www.viavelobike.com](http://www.viavelobike.com)

## ATTACHING THE TOW BAR

1. The hitch arm is held in place by a spring pin and a lock pin. Depress the spring pin and slide the tow bar into the receiver on the left side of the trailer as shown.
2. Once the spring pin locks in place in the hole in the bracket, locate the lock pin, (tethered on the trailer frame), then insert the pin through the bracket and into the hole in the tow bar. The pin should go completely through the tow bar and bracket. Once the pin is through, rotate the spring clip up and over until it snaps into place over the pin head. Give the pin a tug to be sure it is secure.



## USING LOCK PIN



To use the lock pin, insert the pin at attachment point until it pushes through the opposite hole. Once the pin is through, rotate the spring clip up and over until it snaps into place over the pin head.

To unlock, reverse order.



## WARNING

Check this pin periodically during and before each use to be sure it has not become loose. Failure to do so could result in serious injury to you or your child.



## ATTACHING THE SAFETY FLAG

1. Assemble the flag
2. Insert the end into the small sleeve on the right side of the trailer body.

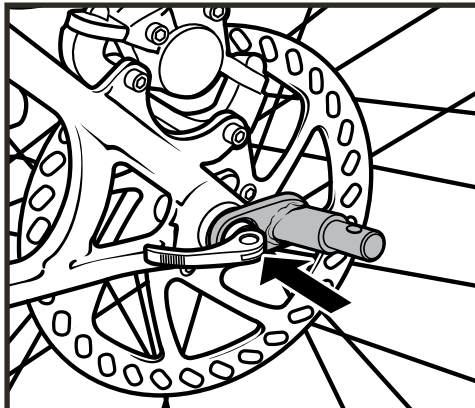


### WARNING

This flag is meant for use only with the trailer and greatly increases your visibility to others. This flag is not a toy. Do not let your child play with this flag when not in use. Failure to comply with this warning could result in serious injury to your child.

## ATTACHING THE HITCH CONNECTOR TO A BIKE

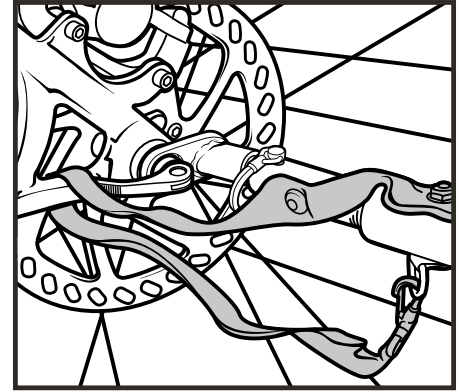
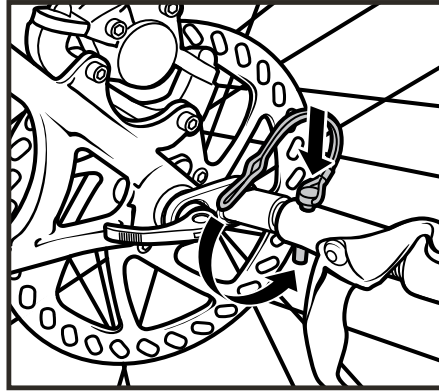
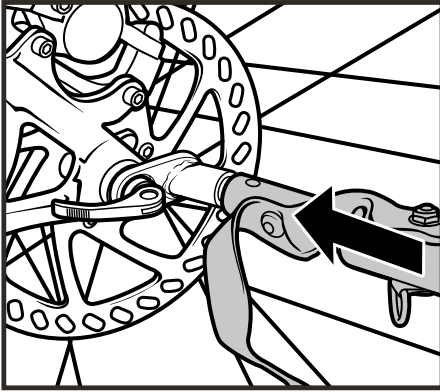
1. Remove the quick release or nut from the left side of the bikes rear axle.
2. Install the hitch connector between the quick release or nut and the bike frame.
3. Tighten the quick release or nut according to the manufacturers recommendation.



**NOTE:** Additional hitch connectors for use on multiple bikes can be purchased at: [www.viavelobike.com](http://www.viavelobike.com)

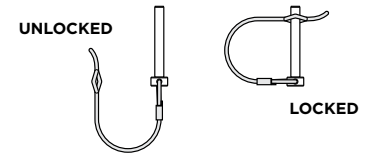
## ATTACHING THE TRAILER TO A BIKE

1. Insert the flex connector onto the hitch connector.
2. Insert the lock pin through the flex connector and into the hole in hitch connector. Once the pin is through, rotate the spring clip up and over until it snaps into place over the pin head. Give the pin a tug to be sure it is secure.
3. Wrap the safety strap around the frame of the bike and latch to the D-ring on the tow bar.



### USING LOCK PIN

To use the lock pin, insert the pin at attachment point until it pushes through the opposite hole. Once the pin is through, rotate the spring clip up and over until it snaps into place over the pin head. To unlock, reverse order.

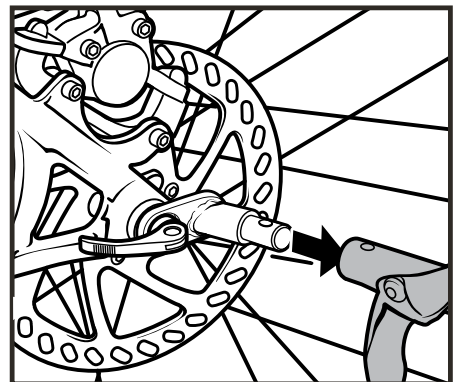
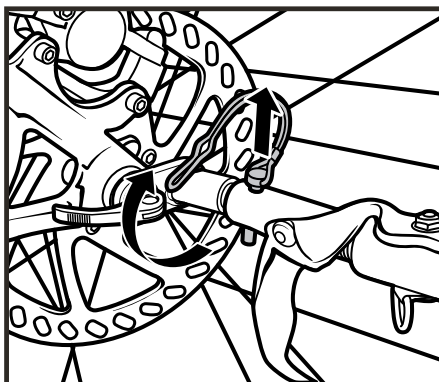
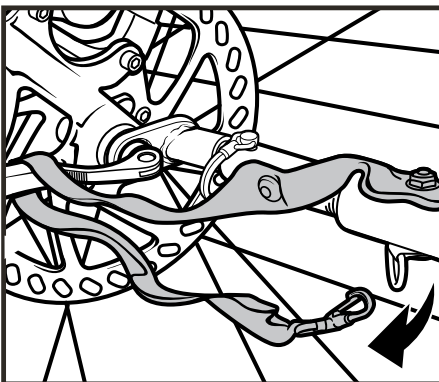


## WARNING

Safety strap must attach to the bike frame when using this product in trailer mode. The lock pin must be in place and locked before riding. The height of the hitch connector shall not exceed 15.5" (400mm) above the road surface and the standard drawbar load shall be between 30 and 80N.

## REMOVING THE TRAILER FROM THE BIKE

1. Remove the safety strap by releasing the clip on the D-ring.
2. Remove the lock pin to release the flex connector and trailer. The hitch connector can remain on the bike when the trailer is removed.



## JOGGER / STROLLER MODE



CONVERSION  
FORK ARMS

(L)



(R)



FIXING SCREWS



SWIVEL / JOGGER  
WHEEL ASSEMBLY



Your trailer can accept an optional conversion kit.

## ASSEMBLE THE CONVERSION KIT

1. Take one conversion fork arm and insert into the corresponding receiver in the housing.
2. Secure the conversion fork arm in place with a bolt as shown.
3. Repeat for other side.

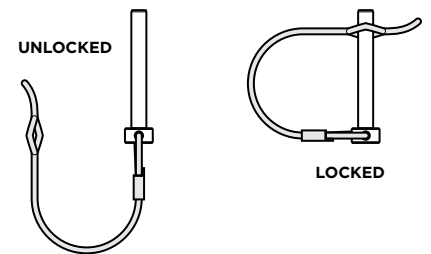


## ATTACHING THE CONVERSION KIT

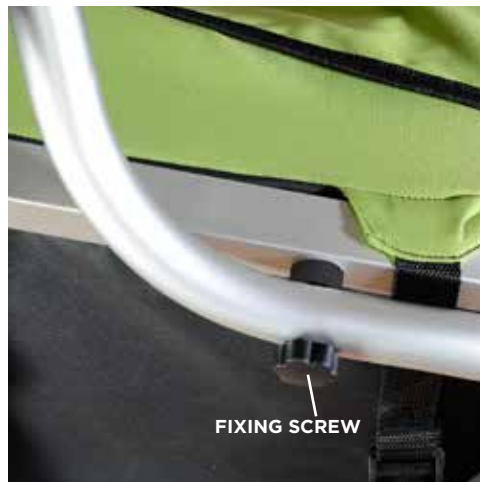
1. To install the conversion kit, first remove the tow bar from trailer by releasing the lock pin and then press the spring pin and pull out the arm.
2. Lean the stroller backwards so that it rests on the handlebar and front of stroller is pointing upward.
3. Position front wheel assembly over fork receivers. Depress the spring pins and slide the fork arms into the fork receivers on the trailer as shown.
4. Once the spring pins lock in place in the holes in the brackets, locate the lock pins (tethered on the trailer frame), then insert the pins through the bracket and into the hole in the fork arms. The pin should go completely through the fork arm and bracket. Once the pin is through, rotate the spring clip up and over until it snaps into place over the pin head. Give the pin a tug to be sure it is secure.
5. Tighten the fixing screw into the threaded nut in the bottom of the front frame tube. Perform same action for both fork arms.



### USING LOCK PIN



To use the lock pin, insert the pin at attachment point until it pushes through the opposite hole. Once the pin is through, rotate the spring clip up and over until it snaps into place over the pin head. To unlock, reverse order.



## WARNING

Check these pins periodically during and before each use to be sure it has not become loose. Failure to do so could result in serious injury to you or your child.



## ATTACHING AND REMOVING THE FRONT WHEEL

1. Open the quick release on the wheel to allow the axle to fit inside the front forks. Slide the front wheel onto the front forks, making sure the axle is properly seated.
2. Insert the tabs on the washers into the slots on both sides of the forks.
3. Close the quick-release lever, making sure it is tight. If the wheel is still loose in the forks, open the quick release, tighten the thumb nut, and close the quick release. Repeat this until there is sufficient resistance to securely lock the wheel. To Remove, reverse order.



## WRIST STRAP

The safety strap is installed on the handlebar. When using as a Stroller or Jogger, loop the free end of the safety wrist strap around your wrist to prevent the carrier from rolling away.



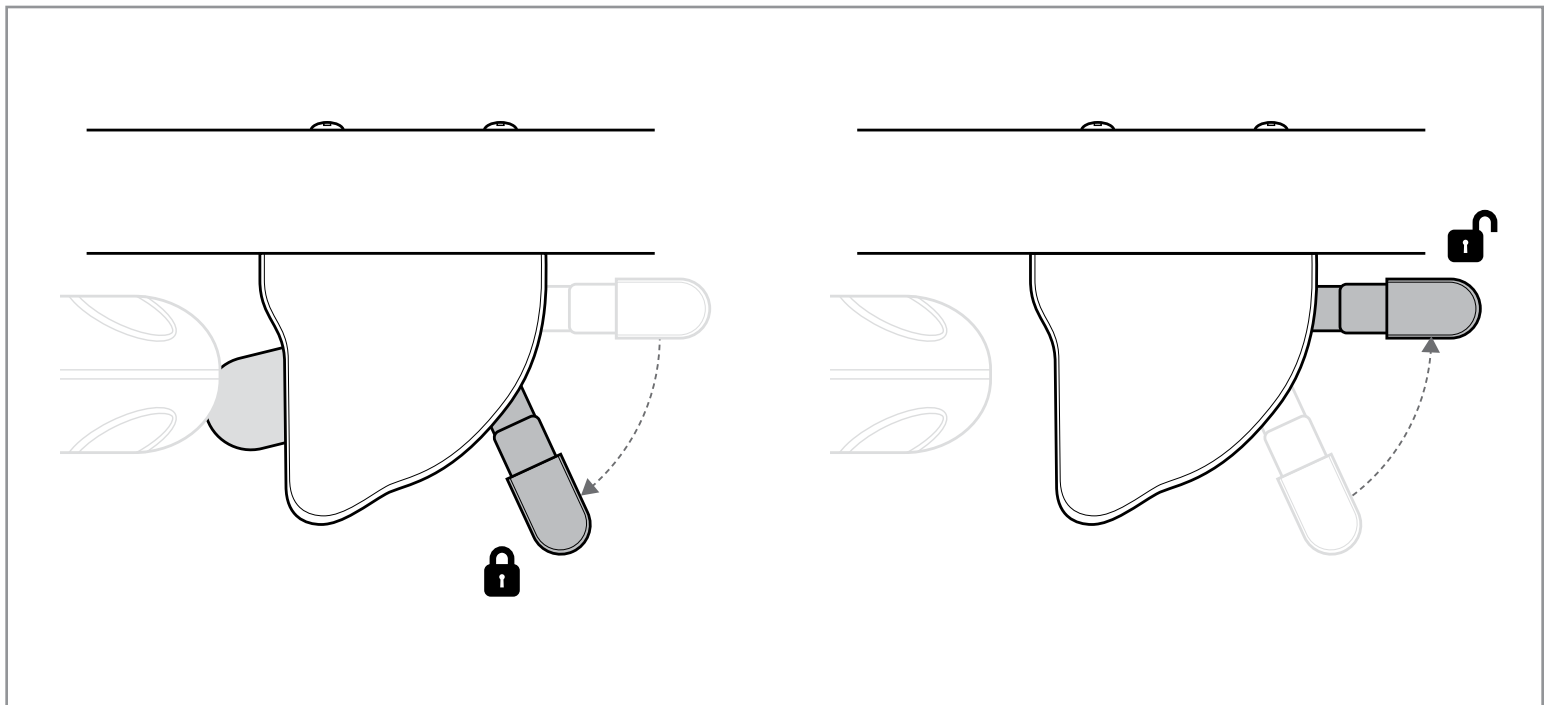
## USING THE BRAKES

To operate brake, simply move lever outward to contact tire. Release by pushing the lever in toward frame as shown.



### WARNING

For safety, lock both brakes to prevent rolling, and make certain both brakes are released prior to riding.



**NOTE:** This brake is self-adjusting to tire wear, but for best function, make sure to keep tires within the recommended pressure on sidewall, and replace tires when you notice visible signs of wear.

## USING THE JOGGER / SWIVEL WHEEL



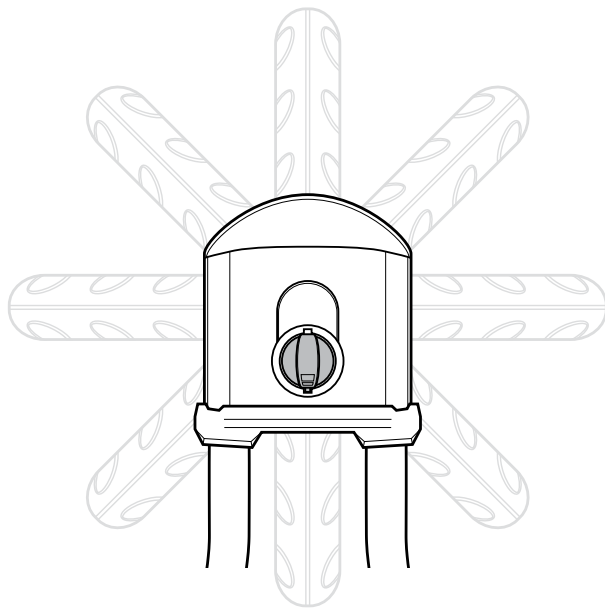
**NOTE:** When loading and unloading child, lock the front wheel in the fixed position.

**TO UNLOCK** - Allowing the wheel to swivel

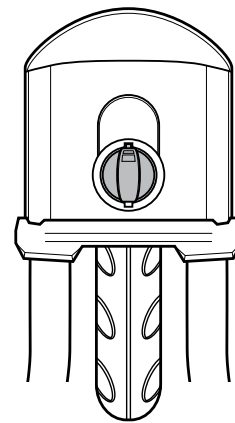
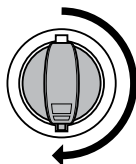
Lift knob up and rotate 180° so marking is pointing towards the trailer.

**TO LOCK** - Locking the wheel in a fixed position

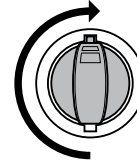
Lift knob up and rotate 180° so marking is pointing away from the trailer while slowly rotating the front wheel until it locks in place.



SWIVEL 360°



JOGGER / FIXED



## USING THE COVER AND WINDSCREEN

The clear vinyl windscreen and the protective mesh barrier easily opens for loading. In inclement weather, the clear windscreen protects your passengers from the elements. Weather permitting, you can roll up the clear windscreen and affix with the elastic straps provided. The mesh allows ventilation, but prevents debris from entering the trailer. Use the velcro at the bottom of the cover to keep the clear windscreen closed.

## RETRACTABLE SUNSHADE

To provide additional shade inside, roll the sunshade down.

To allow more light inside, you can roll up the sunshade and affix with the velcro tabs.

## OPENING AND CLOSING THE COVER

To open the cover; pull down on the thumb tabs at the front corners of the cover to unhook it from the front of the trailer.

To close the cover; pull down on the thumb tabs at the front corners of the cover and hook it onto the front of the trailer.

## REAR WINDOW

To help improve the air flow inside, the rear window cover can be rolled up and stored with the elastic strap on the top.



## WARNING

Rocks and debris from the bicycle wheels could injure your child. Never use the trailer without the cover. Failure to do so could result in serious injury to your child.

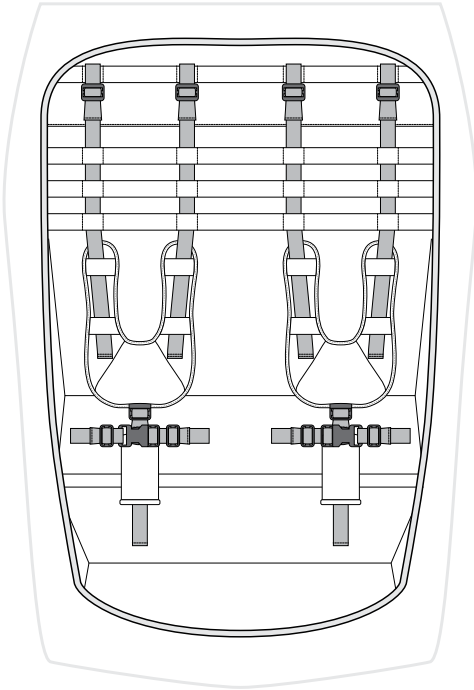


## SECURING YOUR CHILD

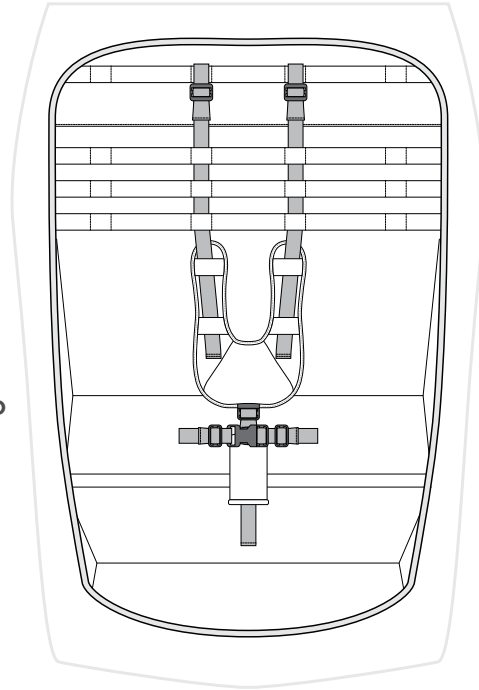
When using the trailer with one child, always seat the child in the center position. For two children use the outer positions.

1. Unclip the buckles on the crotch strap and waist belt. Place your child in the seat.
2. Place the padded shoulder harness onto the child's shoulders and adjust the vertical straps as needed. Buckle the crotch strap to the shoulder harness.
3. Buckle the waist strap and adjust so you can fit average size fingers between belt and your child. The buckle should be centered in your child's abdomen.

TWO CHILDREN



SINGLE CHILD



**NOTE:** Before loading or unloading your child, the rear brakes must be engaged to prevent rolling.

## ADJUSTING THE SHOULDER HARNESS

Adjust the vertical straps so the shoulder harness fits snugly on your child's shoulders and the bottom of the harness is centered in your child's lower chest.

You can increase or decrease the number of loops the vertical straps are fed through to raise or lower the height of the shoulder harness.

## REMOVING YOUR CHILD

1. Unclip the buckles on the crotch strap and waist belt.
2. Lift up the padded shoulder harness off the child's shoulders.



## WARNING

To avoid serious injury or death, children should always wear the seat belt and shoulder straps. There should be a minimum distance of 1.5" (40mm) between the top of the child's head (without a helmet on) and the roof of the cabin. If the child's head protrudes above the upper crossbeam when seated, they are too tall to ride safely in the trailer.

## ADJUSTING THE HANDLEBAR

1. Press the buttons on each side and rotate the handlebar into a comfortable position.
2. Push up or down on the handlebar to ensure that it is locked in position.



## CARGO STORAGE

The trailer has a rear storage area. This is not intended for items weighing more than 4.5kg (10 lbs). To access the rear storage area, unzip the access panel on the rear of the trailer.



**NOTE:** Before loading or unloading storage items, the rear brakes must be engaged to prevent rolling.



## WARNING

Distribute items carefully and evenly. Items may cause the trailer to become unstable. Failure to comply with this warning could result in serious injury to you or your child.

## FOLDING YOUR TRAILER

To fold your trailer, simply open the rear storage area and locate the release latches on the vertical frame tubes. To operate the latches, first depress the locking button, and then pull latch to unlock the frame. Push the seat frame forward to fold. The trailer can be folded with or without the wheels on. If the wheels are removed, they can be stowed inside the trailer when not in use.

## UNLOCKING THE FRAME



## **GENERAL MAINTENANCE**

From time to time, check your trailer for loose hardware, worn parts, torn material or stitching.

Repair or replace parts as needed.

Over or under inflation of tires may cause handling issues for the trailer. Replace tires only with street tread tires.

We suggest you periodically clean all parts, wipe dry and then let air dry, especially if exposed to salt water, salt spray, beach sand etc.

**WARNING! Do not make any modifications to the trailer. Be sure that the trailer and bike are in good working conditions. A bike dealer can help you with inspection and maintenance.**

**Do not use cleaning solvents. Clean only with mild soap and water.**

## **SEASONAL STORAGE OF YOUR TRAILER**

Inspect the trailer and its parts before and after each use and storage. Check the working conditions of both trailer and bike before each use.

Store trailer in a dry area and always make sure trailer is dry before storing.

**WARNING! To prevent color fading and eventual weakening of the fabrics or components, store the trailer out of direct sunlight.**

## **SERVICE AND REPAIR OF YOUR TRAILER**

Service and repair can be performed by any bike shop.

For any assembly questions or for replacement parts, PLEASE DO NOT RETURN TO THE STORE!

Call customer service at **1-877-645-0113** for immediate assistance or by e-mail at **[service@innovativespt.com](mailto:service@innovativespt.com)**





## WARNINGS

**Please read the warnings carefully. Failure to follow these warnings and assembly instructions could result in serious injury or death.**

- Passengers and riders must always wear properly fitted CPSC approved cycling helmets.
- Maximum weight capacity for one child is 22kg (50lb), and for two children is 44kg (100lb). Exceeding capacity may cause the trailer to become unstable.
- Not for use with children under 12 months or over 5 years of age or with an upper body height of 595mm (23.5").
- Children must be able to hold up head with helmet on. Check with your pediatrician to make sure your child's development makes him or her a suitable passenger in this trailer.
- Do not carry more than two children. When pulling one child in the trailer, seat them in the center.
- Do not place more than 5kg (10lb) in storage compartment. Accessories or parcels placed in trailer may cause it to change balance and become unstable.
- Ride slower than you would if you were riding without the trailer.
- You will require extra stopping distance. Use your brakes early. Take corners very gradually.
- Do not exceed a speed over 13 kmph (8 mph) and reduce speed to 5 kmph (3 mph) when turning.
- Use on smooth roads only. Do not ride over curbs, potholes or off-road.
- Do not install a car seat or any other seating device to this trailer.
- Do not make any modifications to the trailer.
- Children must always fasten safety belts and wear bike helmets.
- Always instruct children NOT to rock, bounce, lean or extend limbs outside of the cabin.
- Install a rearview mirror on your bike to inspect children in the trailer while riding.
- Never leave children unattended in or around the trailer.
- Put on all brakes whenever you park the vehicle.
- Always use the flag supplied with the trailer to allow others to see you.
- Never allow children to assemble, fold, or disassemble this unit.
- Periodically re-check all fasteners to make sure they are tight.

## PRE-RIDE SAFETY CHECK

**Before every ride the following safety check should be performed.**

- Check to ensure hitch connector is tight.
- Check to ensure hitch safety strap is secure.
- BUCKLE UP! Check seat harness and secure all baggage.
- HELMETS ON! Ensure rider and child helmets are on and secure.
- Check TIRE AIR PRESSURE. Always maintain between 40 PSI and 65 PSI (2.0 BAR and 2.8 BAR) or as indicated on tire sidewall.

## GENERAL SAFETY GUIDELINES

**SAFETY FIRST!** Check the working conditions of both bike and trailer before each use. If you discover broken components, misalignments or missing parts, correct the problem prior to use. Please refer to all warning and guidelines for the proper use of this trailer. Be aware of what is necessary to safely control the bike-trailer combination. Follow these safety guidelines for safe and effective performance.

- Inspect the trailer and its parts before and after each use. Proper care and maintenance of the trailer are essential to safety.
- When assembling the trailer, make sure that the wheels are correctly and securely installed as described in the assembly instructions. Inflate the tires to the desired pressure and check the pressure before each use. Over-inflation may cause the trailer to bounce or turn over. Use only tires with street tread and not with BMX or knobby tread.
- Attach the hitch connector securely to the bicycle frame. The connector should be tightened and the safety strap wrapped around the stay or frame and the hook snapped into the D-ring.
- The person riding the towing bicycle should be at least 18 years of age and in good physical condition.
- Be sure that the bicycle used with the trailer is in good working condition and has good brakes. A bicycle shop can help you with inspection and maintenance. Please have your bicycle inspected by a qualified bicycle mechanic for compatibility.
- Riding at dusk or dawn with this trailer is not recommended. A reflector that complies with CPSC regulations must be mounted and visible on the rear and sides of the trailer.
- Be aware of exposure hazards such as wind-chill and heat exhaustion by less-active trailer passengers in prolonged exposure in colder temperatures, or by extended periods in warmer temperatures without adequate ventilation and hydration. Do not overload the trailer. The load limit for cargo and/or passengers is 45kg(100lb). Position the load as low as possible and center it within the trailer (front to rear and left to right). Any extra gear should be placed towards the rear. All loads should be secured so that it does not shift.
- Use extra caution when turning on uneven pavement, and going downhill.
- Do not ride over curbs. Avoid bumps and holes. Always signal your turns.
- Do not travel on the highways, busy streets or in areas unsafe for bicycling.
- Do not use trailer in snow or icy conditions.
- Do not travel or descend at high speeds.
- Do not allow any of the child's body, clothing, shoelaces, or toys to come in contact with moving parts.

**IMPORTANT:** Instruct children riding in the trailer not to bounce, rock or lean; such movements may cause the trailer to lean or flip. The tow-bar must not bear any extra load.

Do not attempt to install other seating systems in the trailer. It is not designed for car seats, stroller seats, infant beds, or any other type of seating. Use of any seating system other than the original equipment seat will void the warranty, and may result in damage to the trailer or injury of the passengers.

Pulling this trailer affects the operation of the bicycle. Stopping, starting and turning are affected, depending on the weight of the cargo. To familiarize yourself with the changes, load the trailer to capacity and practice in a safe area. Do not use your trailer until you have become accustomed to how it affects your bicycle handling.

**SUFFOCATION WARNING:** Plastic bags can be dangerous. To avoid danger of suffocation, keep plastic bags away from babies and children.

## REGISTRATION

Visit our website [www.viavelobike.com](http://www.viavelobike.com) for more information and to register your new trailer.

## ACCESSORIES

Visit our website [www.viavelobike.com](http://www.viavelobike.com) for the latest product information, accessories, conversion kits and replacement parts.



Product and colors may vary.

Phone: 401-272-0072  
Toll Free: 877-645-0113  
Email: [service@innovativespt.com](mailto:service@innovativespt.com)  
Web: [www.viavelobike.com](http://www.viavelobike.com)