



**ALLEN**  
SPORTS

## INSTRUCTIONAL OWNER'S MANUAL

### PRODUCT REGISTRATION:

MAKE SURE TO REGISTER YOUR PURCHASE AT  
<http://allensportsusa.com/about/product-registration>  
TO QUALIFY FOR PRODUCT WARRANTY AND TO RECEIVE  
IMPORTANT PRODUCT NOTIFICATIONS

1

# MODEL AST202 BIKE TRAILER

Owner's Manual should be kept for future reference

1. Completely read and understand Owner's Manual before assembling or operating this product.
2. This product should be assembled by an adult.

## IMPORTANT SAFETY INFORMATION

!WARNING

- Failure to follow these warnings and assembly instructions could result in serious injury or death!
- Immediately discard all plastic bags and plastic wrapping materials!
- Maximum weight capacity for one child is 50 pounds, and for two children is 100 pounds!
- Never use this trailer/stroller if it becomes damaged!
- To avoid serious injury, children should always wear the seat belt and the shoulder straps!
- Never leave children unattended in or around this product!
- Never allow children to assemble, fold, or disassemble this unit!
- Accessories or parcels placed in trailer/stroller may cause it to become unstable!
- Not for use with children under 12 months old! Children must be able to support their own heads!
- Before riding, check that all parts are assembled according to the manufacturer instructions!
- Tires should be inflated to 25-35 PSI ( between 2.5 and 3.5 bar) for maximum comfort! Check tire pressure before each use!
- Use a foot pump or hand pump to inflate tires! Pressurized air hoses can cause over inflation!
- Periodically re-check all fasteners to make sure they are tight!
- Clean trailer only with soap and water. Do not use solvents!

!WARNING

## SAFE TOWING TIPS

!WARNING

- Make sure your bike brakes work properly! Braking distance is increased when pulling a trailer!
- This trailer is wide! Allow extra clearance near curbs, signs, parked cars, and other obstacles!
- A bicycle with trailer attached requires a wide turning radius! Do not turn sharply!
- Children must wear an approved safety helmet when using this product in trailer mode!
- Never remove protective canopy when pulling children in the trailer!
- Always use the safety flag when pulling this trailer!
- Do not ride over curbs! Avoid bumps and holes! Always signal your turns!
- Use extra caution when turning on uneven pavement, and going downhill!
- Not for use at high speeds! Do not exceed 10 MPH!
- NEVER use this trailer at night!
- Install a rearview mirror on your bike to check on children in trailer!
- Dress children appropriately to prevent them from getting chilled or overheated while riding!
- Protect against wind-chill in cold temperatures, and provide adequate ventilation and hydration during warmer temperatures.

!WARNING



## FULLY ASSEMBLED TRAILER



## PARTS LIST

### QUANTITY

### DESCRIPTION

1

Frame w/ Canopy, Sling  
Seat with 5 point safety  
harness, tow bar, tow  
bar coupler and rear  
wheel bracket attached

2

16" Rear wheels

1

Safety flag



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**Please Read all instructions and examine contents carefully before assembly.**

**PLEASE READ ALL INSTRUCTIONS AND EXAMINE CONTENTS CAREFULLY BEFORE ASSEMBLY.**

Please read the instruction manual and warning labels completely and carefully before using your trailer.

**CAUTION:** Please carefully read the instruction manual and all safety warning labels before using the trailer.

**IMPORTANT:**

Passengers and riders should always wear properly fitted, approved cycling helmets. In some countries, helmets are a legal requirement.

**! WARNING:**

- Not for infants under 12 months of age
- Children must be able to hold head up with helmets on
- Children must always use seat belt and bike helmets
- Never leave child unattended
- Always ride defensively
- Do not exceed 100 LB total weight.
- Maximum 2 passengers - Maximum weight 50 LB per child
- Maximum passenger height 42 Inches
- Do not exceed 10 MPH maximum speed, slower for turns or rough roads
- Braking Distances are increased when pulling the trailer. Slow down and allow extra stopping distance.
- Always instruct children NOT to rock, bounce or lean
- NEVER use the trailer off-road. This may result in damage to the trailer and or serious injury to the passengers
- Do not use the trailer in extreme weather, such as heat, cold, wind or rain. Passengers must be clothed appropriately to prevailing weather conditions.

**PRE-RIDE SAFETY CHECK:**

1. Check to insure hitch clamp is tight
2. Check to insure hitch safety strap is secure
3. BUCKLE UP! Check seat harness and secure all baggage
4. Inspect bike and trailer condition before each use
5. HELMETS ON! Insure rider and child helmets are on and secure
6. Check tire air pressure. Always maintain between 35 and 40 PSI (between 2.5 and 3.5 bar)
7. The bicycle to which the trailer will be attached should be inspected by a qualified bicycle mechanic before attaching the trailer to it.



**SAFETY GUIDELINES:**

Think Safety First! Check the working condition of both bicycle and trailer before every use. If you discover broken components, misalignments, or missing parts, correct the problem prior to use.

**PLEASE FOLLOW THESE SAFETY GUIDELINES WHEN USING YOUR TRAILER:**

- This trailer is intended only for transport of children and cargo in the manner as described in the following pages of the owners' manual. Use of the trailer apart from these guidelines is not recommended, and may result in injury or damage to the trailer or the bicycle.
- Inspect the trailer and its parts before and after each use. Proper maintenance of the trailer is essential to safety.
- When assembling the trailer, make sure that wheels are correctly and securely installed as described in the assembly instructions. If you are not familiar with the type of wheels used on this trailer, contact your place of purchase or a reputable bicycle shop to receive instruction in the correct operation of these devices. Inflate tires to 35-40 PSI (between 2.5 and 3.5 bar) and check air 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.
- Be sure that the bicycle used with the trailer is in good working condition, is appropriate in size and type to pull the cycle trailer, and has good brakes. Refer to the bicycle owners' manual for any advice regarding use of the bicycle with a trailer. A bicycle shop can help you with the inspection to determine if your bike is of the correct type to use with the trailer, and with routine maintenance of the cycle and the trailer.
- Do not overload the trailer. The load limit for cargo and passengers is 100 LB. 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 load should be secured so that it does not shift. Instruct children riding in the trailer not to bounce, rock or lean. Such movements may cause the trailer to lean or flip.
- When fully loaded, the Drawbar load measured at the hitch should be between 6-16 LB. This can be verified by lifting the tow bar of the loaded trailer before attaching the trailer to the bicycle. Make sure parking brakes are engaged when loading trailer.
- Do not attempt to install other seating systems in this 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 to the passenger.
- Never take this trailer off-road. It is intended for use on paved road surfaces. Use in any other conditions may result in damage to the product or injury to the passengers.

Pulling this trailer alters 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. Further safety strategies include the following:

- Never assume you will be given the right of way.
- Do not try to predict the actions of car drivers.
- Do not travel on highways, busy streets, or in areas unsafe for bicycling.
- Avoid riding at night. If you must ride at night, use lights and bright, reflective clothing. Do not ride at night with children in the trailer. Before use, consult your local authorities to determine appropriate lighting and safety requirements to conform to traffic code.
- To prevent overturning your trailer, do not pull over curbs or holes or hit obstacles in the roadway.
- Do not turn sharply, because trailer may turn over.
- Do not travel at high speeds.
- Do not exceed 10 MPH, slow for turns and rough road conditions. High speeds adversely affect your ability to control the bike and notice road irregularities. Braking distances are increased when pulling a trailer.
- Never take the trailer off road. It is designed for use on paved roadways. Off road use may result in damage to trailer or injury to passengers.



The safety of your child is of great concern. The trailer seat is intended for passengers older than 12 months and able to wear an approved helmet. Your child must be able to hold his head upright. Check with your pediatrician to make sure your child's development makes him or her a suitable passenger in the trailer. Helmets are recommended for all passengers, and may be required by law. Please check national and local laws regarding trailers and helmet use prior to operation. Make sure that your child is seated securely and the harness is properly engaged. The child's sitting height should be below the upper crossbar, and the correct shoulder strap height must be used. Refer to the instructions to adjust. The four-season cover must be fitted when children are in the trailer. This protects the child from road debris.



Refer to the instructions to adjust. The four-season cover must be fitted when children are in the trailer. This protects the child from road debris.



## MAIN CABIN FRAME AND ASSEMBLY

**STEP 1:** Remove the trailer, wheels, hitch arm and walking kit from the box.

**WARNING:** **Immediately discard all plastic bags and plastic wrapping materials!**

**STEP 2: OPEN FRAME**

Remove trailer and all components from carton. Unfold trailer by pulling the frame and remove all components from inside. Note that the window tubes are made in two pieces, and are connected by a spring pin located in the rear half of the window frame tubes. To assemble, slide the fabric sleeve forward to access the end of the frame tube. Next, slide the back half of the tube into the end of the frame tube (Fig 2), and allow the spring pin to lock in place. (Fig 2a)

**NOTE:** This process only needed for initial assembly. When folding for transport or storage, it is not necessary to disassemble the side frame tubes.

**WARNING:** **The spring-release pins must be engaged for safe operation of the trailer. Failure to assemble properly may result in frame collapse, resulting in damage to the trailer and injury to the user. If the spring-release pins do not engage properly, DO NOT USE. Call the customer service number as indicated in the attached literature for assembly assistance.**

Once the window tubes are assembled, lift the rear frame tube and align with the U-bracket at the rear of the window tube. (Fig 3). Slide the U-bracket over the rear frame tube, aligning the holes in the bracket and tube. (Fig 3a) Slide the QR pin through the holes in the tube, (Fig 4), and loop then end over the shaft of the pin to lock it in place. (Fig 5a). Frame is now assembled (Fig 5a).



FIGURE 1



FIGURE 2.



FIGURE 2A.

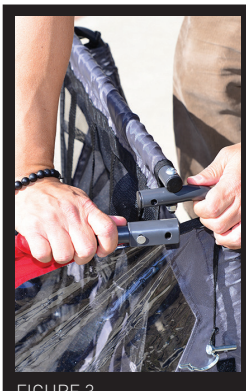


FIGURE 3.



FIGURE 3A.

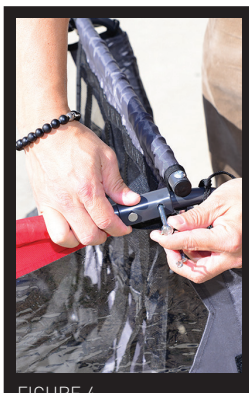


FIGURE 4.

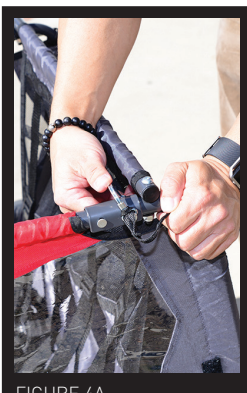


FIGURE 4A.



FIGURE 5.

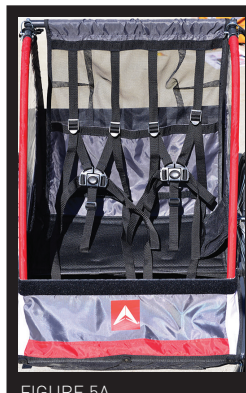


FIGURE 5A.

**NOTE:** Iframe must be properly assembled with quick release pins close and snapped shut. If QR pins are not correctly attached, frame may collapse, causing damage or injury. Do not use if QR pins are missing, or if the closure is damaged or missing.





## MAIN CABIN FRAME AND WHEEL ASSEMBLY

**NOTE:** For your safety and the safety of your child, before attaching the trailer to your bicycle, it is recommended that your bike undergo a safety check by a qualified bicycle mechanic.

### STEP 3: RELEASE THE TOW BAR

1. Turn the trailer on its side so the hitch arm is along the top edge (Fig6)
2. Find the quick-release pin that holds the tow bar in place in the tow bar bracket (Fig7).
3. Open the loop of the quick-release pin and remove the pin.
4. Rotate the hitch arm forward until it is seated in the U-channel. (Fig8) Re-install pin in front holes in the U-channel and close the snap pin so the loop of the pin lock is over the pin shaft.



FIGURE 6.



FIGURE 7.



FIGURE 8.

### STEP 4: INSTALL WHEELS



**WARNING!:** Remove the foam from the wheel axles and discard immediately. Do not remove the washers.

1. Lift the trailer back so the right side is up, and locate the right wheel marked with an "R" sticker.
2. Position the wheel with the stub axle next to the hole in the left wheel bracket (Fig9)
3. Slide the stub axle completely through the hole in the bracket so the wheel is in the use position (Fig10).
4. Tip trailer frame to allow access to the underside of trailer. Locate hole in end of hub axle.
5. Slide the quick-release pin (tethered to the bike frame near the wheel bracket) through the hole in the stub axle and loop the end over the shaft of the pin (Fig11). Repeat for the left wheel



FIGURE 9.



FIGURE 10.

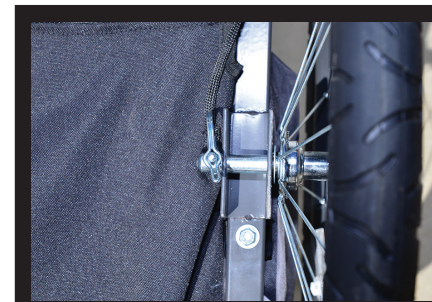


FIGURE 11.

**NOTE:** Wheels must be properly installed with quick release pins close and snapped shut. If QR pins are not correctly attached, wheels may fall off. Do not use if QR pins are missing, or if the closure is damaged or missing.



## FOUR SEASON COVER & FLAG

### STEP 5: ATTACHING THE FOUR SEASON COVER

1. Position the four-season cover over the trailer where roll-up window is facing towards the front side of the trailer. (Fig.12).
2. Wrap the Velcro backed fixing straps and secure the cover around the frame.
3. Secure the Velcro material at the bottom front of the cover to the matching Velcro material on the lower front fabric panel.



FIGURE 12.



FIGURE 13.

**NOTE:** The four-season cover is designed to keep passengers and cargo dry and warm in inclement weather. It also protects the passengers from flying debris. The four-season cover can be rolled up to allow for added ventilation in hot weather. Velcro closures keep the four-season cover in place when rolled up.



**WARNING!:** Never use the trailer without the four season cover. The front window or bug screen must be attached to protect children from flying objects.

### STEP 6: INSTALL THE SAFETY FLAG

1. Find and assemble the 3-piece safety flag.
2. Locate flag pocket in trailer cabin fabric, and insert flag in pocket as shown (Fig14).
3. Remove flag before attempting to fold Trailer



FIGURE 14.



## ATTACHING TO BIKE AND SAFETY HARNESS

### STEP 7: ATTACHING TRAILER TO BICYCLE

1. Loosen left side rear axle to allow the hitch to attach to frame.
2. Position hitch over left rear axle of bicycle frame (Fig15).
3. Tighten axle nut securely, testing to see the hitch is unable to pull loose (Fig16).
4. Loop Safety Strap around frame and secure to D-ring on hitch arm (Fig 17).



FIGURE 15.



FIGURE 16.



FIGURE 17.



**WARNING!:** Safety strap must attach to the bike frame when using this product in trailer mode



**WARNING!:** Your trailer is designed to attach to most full-sized bicycles. The trailer's hitch must be attached to the rear axle of the bike. Do not use trailer if the hitch can not be securely attached to rear 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 trailer.

### STEP 7: USING THE 5-POINT SAFETY HARNESS



**WARNING!:** To avoid serious injury children should always wear the seat belt and shoulder straps!

1. Proper seating position for two children  
Undo the lap belt buckle and seat the children side by side in the trailer/stroller.  
Buckle the lap belt over both children's laps, and pull the strap until the belt is snug. (Note: There is only one lap belt for both children.) Place one outer pair of shoulder straps over the shoulders of the child seated on that side, and clip both straps into the "D" ring of the outer crotch strap directly below.  
Adjust the shoulder strap height according to the height of the child, then pull the straps until they are snug.



**WARNING!:** Adjust the straps so that the crotch strap and shoulder straps meet at the child's stomach level, not at chest level!



**IMPORTANT:**

**Adjust the straps so that the crotch strap and shoulder straps meet at the child's stomach level, not at chest level!** (Note: The center crotch strap will not be clipped to any shoulder straps.)

**REMOVAL OF PASSENGERS**

**Before removing children or cargo from the trailer, stop the bicycle and lock the trailer parking brakes on both wheels. Then open the passenger compartment window, release the safety harness and allow the passengers to exit the trailer. Take care the bicycle attached to the trailer does not fall over during loading and unloading.**

## FOLDING FOR TRANSPORT & STORAGE

- STEP 1:** Remove children and all cargo from inside the passenger compartment.
- STEP 2:** Unclip the tow bar safety strap from the "D" ring, and remove pin to remove hitch from frame.
- STEP 3:** Clip the end of the strap back on to the tow bar "D" ring.
- STEP 4:** Remove the flag and pole and separate the three sections.
- STEP 5:** Remove the quick-release pins from the stub axles of the rear wheels.
- STEP 6:** Remove the quick-release pin from the tow bar bracket at the front corner of the trailer.
- STEP 7:** Fold the tow bar back under the trailer, and replace the quick-release pin through the tow bar and U-channel.
- STEP 8:** Place wheels and flag inside the passenger compartment, and close the front cover.
- STEP 9:** Fold upper cabin as shown above:
- Remove 4-season Rain cover
  - Remove QR pin from both sides.
  - Fold frame down as shown.
  - Fold in until trailer is flat



FIGURE 18.



FIGURE 19.



FIGURE 20.



## WARNING!:

**Do not attempt to fold to the original pre-assembled size by folding side-to-side. Depressing spring-release locking pins may cause damage. These are not designed for everyday use, and are part of the first-time assembly only. Further operation of the spring-release locking pins may create an unsafe or unstable condition.**



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## MAINTENANCE

**Before each ride, check the trailer for signs of wear or damage. Inflate tires to correct pressure as stated on tire sidewall, and check for wear and tear before each ride. Use of hand pump recommended to avoid overinflation. Check nuts and bolts for tightness, and make sure QR pins for wheels, frame and hitch are secured.**

**Once a year, it is recommended to have the trailer inspected by a qualified bicycle mechanic. The trailer fabric can be cleaned with mild soap and water, and allowed to air dry. The fabric is not machine washable.**

## WARRANTY

IF YOUR PRODUCT REQUIRES WARRANTY SERVICE, PLEASE DO NOT RETURN IT TO RETAIL STORE.

PLEASE CONTACT:

ALLEN SPORTS USA

(800) 722-5536 ~ CUSTOMERSERVICE@ALLENRACKS.COM

Please note that all returns and exchanges are subject to the return policy of the retailer where the product was originally purchased



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Product designed in USA, Made in Ningbo, China