



The therapeutic tricycle for children with disabilities



For questions or to place an order,  
please contact:

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## Assembly Instructions

### Swirligig #50-HC-500

#### Required Tools

4mm Allen Wrench

#2 Phillips Head Screw Driver

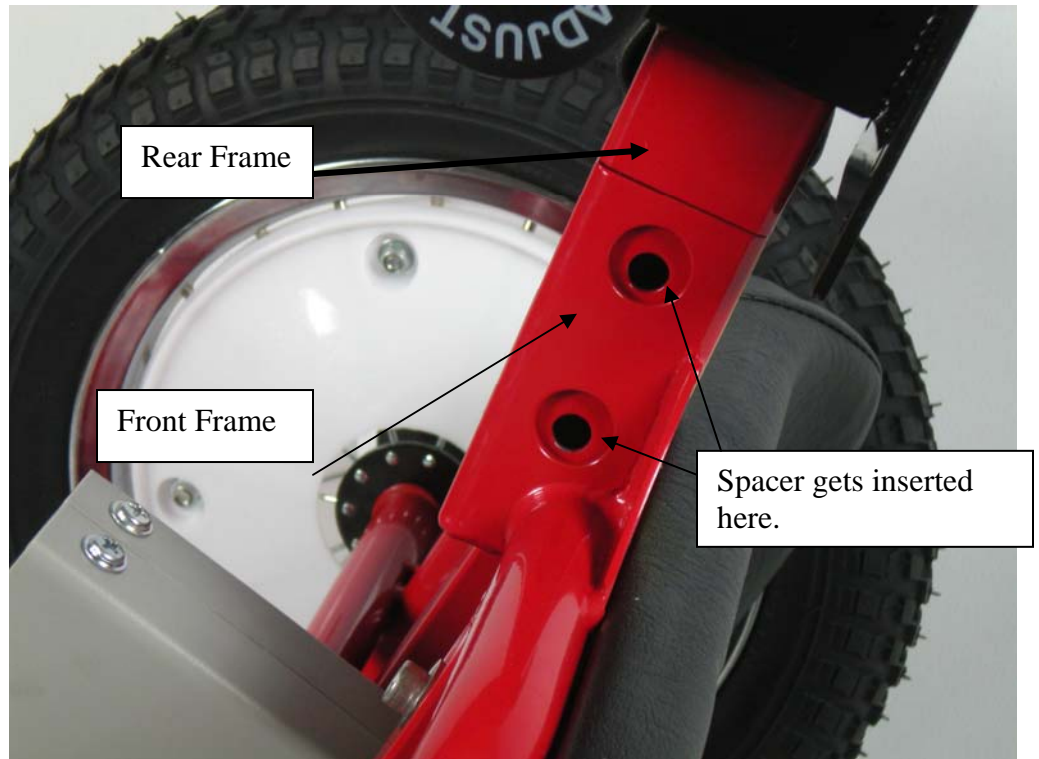
10mm Wrench

The Swirligig model was developed as a fun hand cycle option for children of many abilities. The hand cranks operate independently of each other. That is the key to the spinning motion of the Swirligig model. Children can propel the tryke straight, or spin it in all directions by operating the hand cranks. It is an ideal solution to exercise the upper extremities. It is a great choice for riders who cannot tolerate full hip and knee range of motion, those with paralysis or missing limbs and clients with increased tone who cannot tolerate pedaling. It promotes upper body strength and motor planning.

The Swirligig comes standard with the Snappy seat. Optional seat cushions may be added, including the wide seat back (#30-04-1552) or bottom (#30-04-1551). The gray bucket seat (#30-02-0320) may also be used on the Swirligig. The control bar is also standard. The seat slides along the horizontal frame to allow for varying leg lengths and the hand crank assembly may be rotated to different positions.



1) Slide the rear frame into the front frame.



2) Insert Bolts through the frame sections; make sure the black spacers are inserted on the side with the large holes.



This is what your Swirligig should look like at this point.



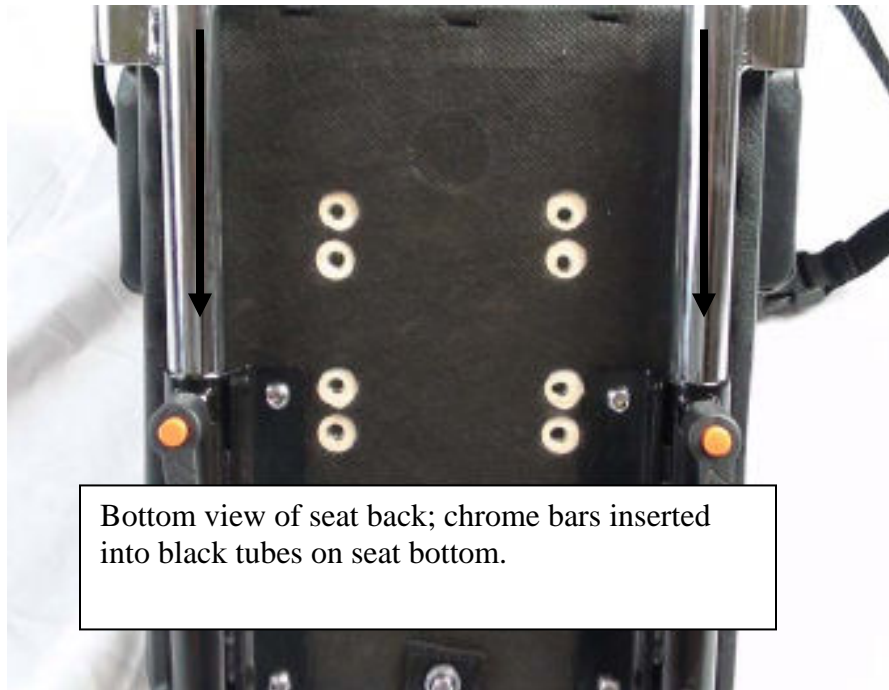
3) Attach seat pad to seat post using four 4mm Allen head screws.



This is what your Swirligig should look like at this point.



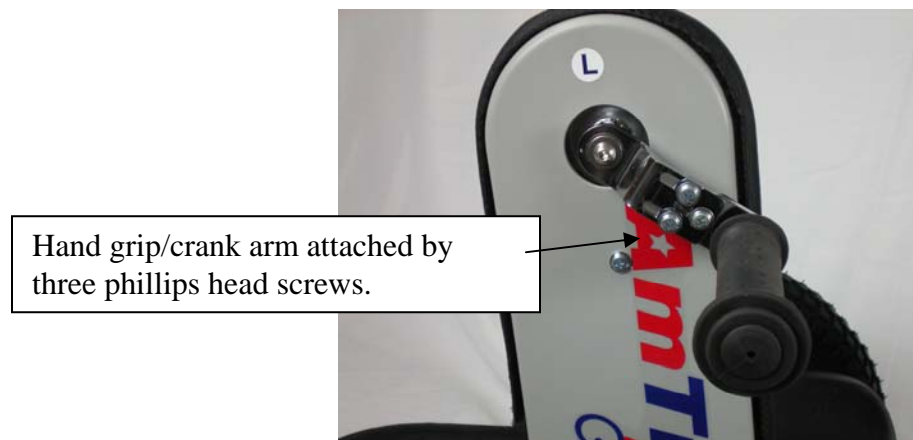
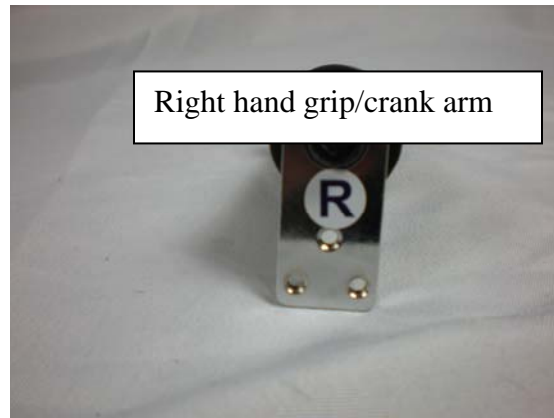
4) Slide seat back into seat bottom.



This is what your Swirligig should look like at this point.



5) Now install the hand grips/hand cranks. Use three Phillips head screws on each side. The hand grip/crank arm is marked with a R for Right or a L for Left and the chain guard has a L on the left side and a R on the right side.

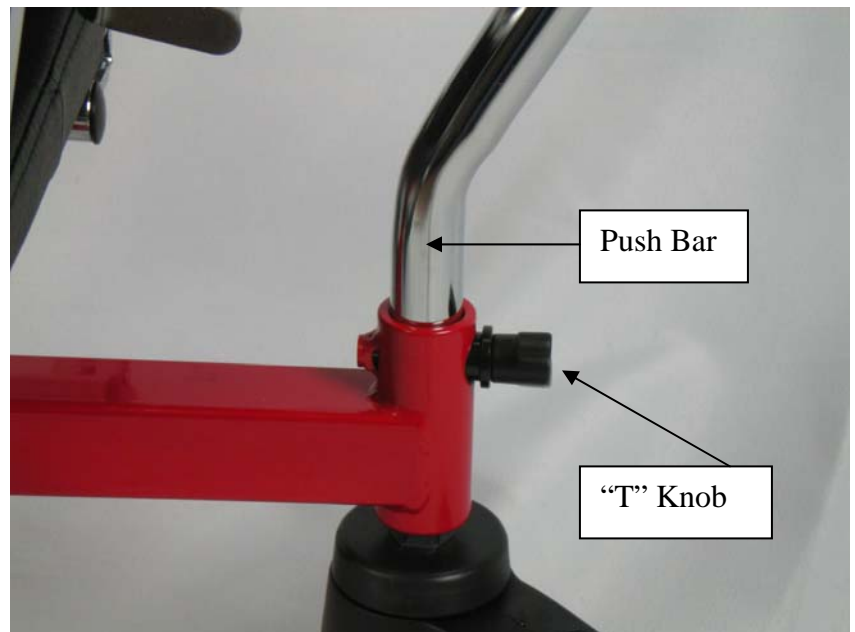


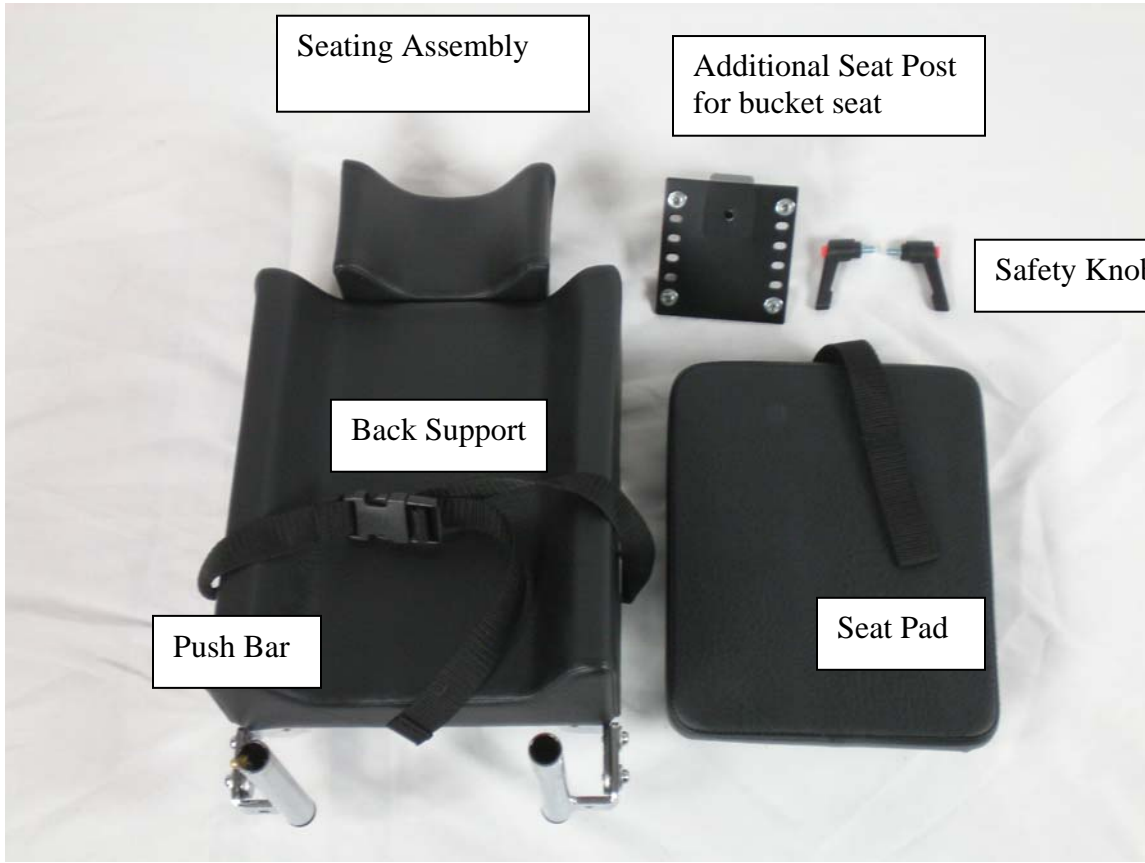
This is what your Swirligig should look like at this time.



6) Push bar installation. Located at the back of the rear frame right above the pivot wheel is a small black cap. Remove the cap and remove the “T” knob located on the rear of the rear frame by turning it counter clockwise until it is completely out.

7) Insert the push bar into the hole and then screw “T” knob back in until it is tight.





Right and Left Hand Grips/Crank Arms with Securing Hardware.



Front Frame Assembly



Rear Frame Assembly





## Assembly Instructions

**Amtryke® Model AM-12** #50-HFC-0210

**Amtryke® Model AM-16** #50-HFC-0411

*Note: Shown with Saddle Seat and Curved Plastic Seat Back*



### **Carton Contents**

Carefully remove and lay out all parts from the carton so as not to scratch or lose any parts or pieces. The shipping carton should contain the pictured items on the parts page (Pages 11-13) Remove all packaging material and discard.

### **The carton will contain\*:**

- 2- part boxes
- 1- seat back support rod
- 2- rear wheels
- 1- contoured saddle seat
- 1- front wheel assembly
- 1- rear deck assembly
- 1- main frame tube
- 1- seat post assembly
- 1- plastic seat back with chest straps

## Front End Assembly - Steering Centering Spring AM-12 & AM-16

- 1) Choose which of the three (3) front wheel positions your rider will best utilize. (Vertical, middle position, or wheel fully extended).  
NOTE: CHAIN GUARD IS ON RIGHT SIDE OF TRYKE. Install lower cam lock lever in your choice of the lower three holes; install thumb nut on opposite side. Next install one end of spring on eyelet located on main frame of tryke.



- 2) Slide Steering Centering Spring protective cover over spring as shown.



- 3) Use a long screw driver, pliers or small pry bar to attach opposite end of Steering Centering Spring to eyelet on front fork as shown. This can be difficult and requires some strength! Be patient and don't say mean things (out loud) about the designers!



- 4) Position front end to desired placement and insert upper cam lock and thumb nut on opposite side as shown. Push levers down flat against frame as shown below.



- 5) Don't forget to install protective knee wrap cover after you have completed this operation!

## Seat Post and Rear Deck Assembly Instructions

- 1. Main frame assembly.** Slide the seat post tube onto the front wheel & frame assembly. Be sure to keep the two (2) seat post knob holes on the bottom right side of the tryke. Install the two (2) seat post knobs into their holes. Do not completely tighten these knobs until you adjust the tryke for the rider's size or leg length.



- 2. Place Rear Deck Assembly onto front wheel & frame assembly.** Slide the rear deck assembly onto front wheel & frame assembly. Note orientation. Rear axle frame is on top of frame assembly and vertical post for loading lock is on right side of tryke.



- 3. Attach Rear Deck Assembly to Frame Tube.** Use the two quick release levers to attach rear deck assembly to the front wheel & frame assembly. Install quick release levers in the two (2) holes at rear of the frame. NOTE: Black plastic washers fit into large hole in seat post on the right side of the frame. Add nuts to quick release levers and tighten securely.



**CAUTION: Quick release levers must be fully tightened before riding! Tighten nut until snug, then push lever down until flat against frame. Make sure it's tight and does not wobble.**

- 4. Install Rear Wheels.** Slide rear wheel onto axle. Install washer and nut. Tighten securely, but be careful not to over tighten. **Note:** Air inflation valve faces the inside of the tryke. Install white plastic nut caps over axel nuts once wheels are installed on frame.



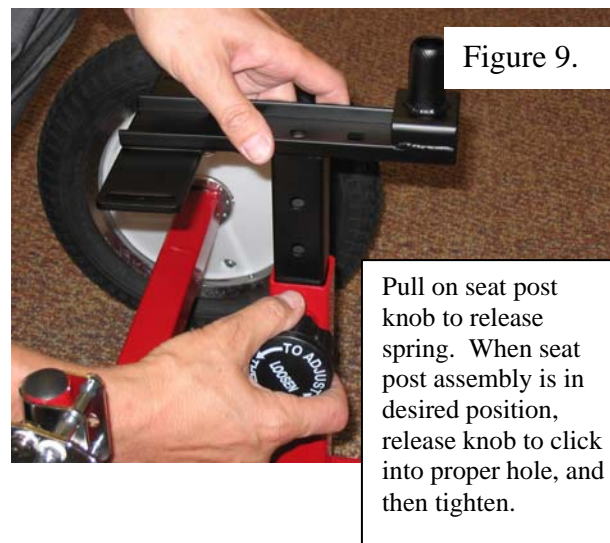
**CAUTION:** Make sure rear wheel axles are fully tightened before riding!



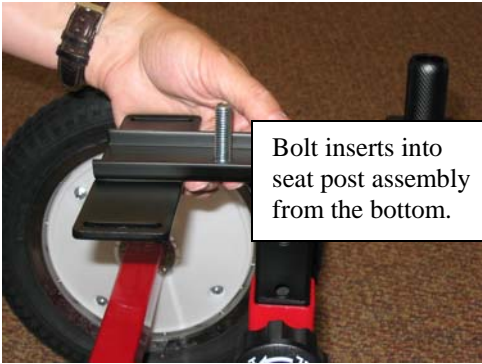
5. **Install Loading lock.** Slide loading lock onto the loading lock rod on the rear deck assembly. Top of loading lock should be flush with the top of tube. Take care that the lever is not touching the tire. The handle is in line with the tire and points towards the front of the tryke. Tighten with 10mm wrench. See Figure 8. **CAUTION: Loading lock is not for braking during riding! Loading lock is only for use in transferring rider onto stationary tryke.**



6. **Install Seat Post and Seat Back Support Rod.**
- a. Screw seat post knob into hole in rear deck assembly just until the spring-loaded indent pin is visible inside the tube. Pull on spring-loaded knob and drop in seat post assembly. Choose one of four seat height positions. The indent pin will snap into place. Tighten the knob. See Figure 9. **CAUTION: Seat post knob must be properly placed into hole in seat post and tightened before riding!**



- b. Install 9/16-inch bolt from bottom of bracket into square hole pointing up. (Figure 10.) Slide seat back rod onto bracket. (Figure 11.) Place the black retainer plate onto the bolt and add washer and nut. (Figure 12.) Tighten with 14 mm wrench provided or 14 mm socket. (Figure 13.) Repeat with second bolt. Do not over tighten. Final adjustments will be made when the rider is on the bike. See Figures 10 - 13.



**CAUTION: FINAL ADJUSTMENTS FOR RIDER'S SIZE MUST BE COMPLETED FOR SEAT AND SEAT BACK ASSEMBLY AND FULLY TIGHTENED BEFORE RIDING OR INJURY COULD RESULT!**

- 7. Install Saddle Seat.** Install saddle seat onto seat post on seat post assembly. Be sure seat is fully seated onto post. Align with front of tryke and tilt to preferred position. Tighten seat clamp equally on both sides with 9/16 inch wrench.
- 8. Install Lap Strap.** Thread the lap strap through slots in bracket at back of seat post assembly.
- 9. Install Plastic Seat Back.** The plastic seat back is installed onto the seat back support rod. First, remove knobs and washers from plastic seat back. The slot in the bottom of the seat back fits over the support rod. The screw fits through the seat back and the slot between the rods. Add the larger fender washer and tighten with the t-shaped knob. Note: Black straps install through back of seat back. Choose whichever slots will best fit your rider. See Figures 14 - 15.



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**10. Install Pedals.** Pedals are labeled R (right) and L (left) on the ends of the pedal axles. The right pedal installs on the chain guard side of the tryke. Note: the right side threads clockwise to tighten. The left threads counter clockwise to tighten. **DO NOT FORCE!** Hand thread until you are certain threads are installed properly. See Figure 16. **EASY TIP: Pedal threads tighten towards front of bike no matter which side you are on!** Use 15mm wrench to tighten.



Figure 16.

**11. Install Hand Cranks.** Hand cranks are marked R (right) and L (left) on the ends of the hand cranks. The right hand crank installs on the chain guard side of the tryke. Note: the right side threads clockwise to tighten. The left hand crank threads counter clockwise to tighten. Remember; the chain guard is on the rider's right side. **EASY TIP: Hand crank threads tighten towards front of bike no matter which side you are on!** See Figure 17. **CAUTION: Be sure pedals and hand cranks are securely tightened before riding!**



Figure 17

**IMPORTANT SAFETY FEATURE!** Read Item 12 carefully!

**12. Install Steering Pin.** If needed, install the steering pin with loop strap into hole in front of fork. The loop strap attaches to hook strap on inside of chain guard so the part will not be misplaced. The top hole locks the steering straight ahead. The lower hole allows approximately 20-degrees steering in either direction. You may find it desirable to limit steering so the rider can concentrate on learning the pedal motion at first. Jiggle the front wheel assembly as you push the pin into the hole and through the other side of the fork tube. Pin should insert all the way to the split ring to be correctly seated. See Figure 18.

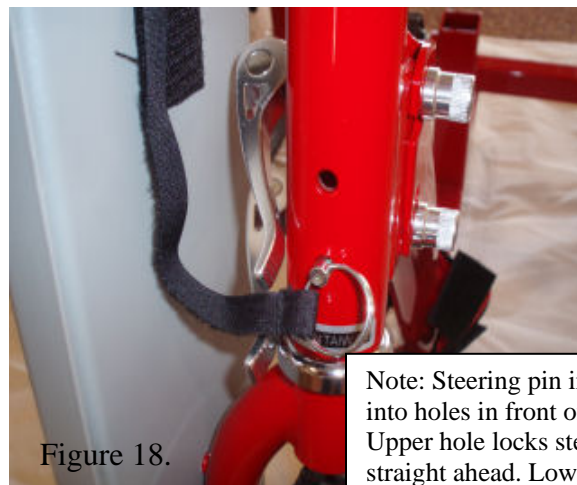


Figure 18.

Note: Steering pin inserts into holes in front of fork. Upper hole locks steering straight ahead. Lower hole allows 20 degree turning in either direction.

**13. Install Hinge Wrap.** The hinge wrap is a safety pad to protect the rider's knees from hitting the hinges. It must be installed as shown before riding the AmTryke®. See Figures 19-20.



Figure 19.



Figure 20.

### **Fitting the AmTryke® tricycle to your Child**

**Note:** You may need assistance while fitting the tryke to your child.

1. Engage the loading lock.
2. For saddle seat option. Place child in saddle seat. Slide seat back assembly forward or back to suit your child's needs. Tighten bolts on underside of seat assembly. Adjust seat back up or down for the best support of your child's trunk. Tighten seat back knobs.
3. To adjust seat height, start with seat post in lowest position and adjust upward from there.
4. With feet in pedals slide rear deck assembly along horizontal frame to the length that when leg is extended the knee is slightly bent. **Be careful not to extend frame so far that the knee locks when extended.**
5. Tighten knobs until frame is snug (no wobbling).
6. If your child is having trouble keeping their feet on the self-righting pedals, use the two 19-inch black hook and loop straps (#25-0137) and the **enclosed directions to make a heel straps for the pedals.**

### **Register your AmTryke!**

It is very important that you please take a moment to fill out and submit the enclosed AmTryke registration form. This will help AmTryke, LLC keep track of what model of tryke you have should you need accessories or replacement parts in the future!

# Parts for the AmTryke® Model AM-12 & AM-16





Foot Pedals W/straps



Bolts, washers, nuts and retainer plate for seat back rod



Steering Pin



Quick Release Levers



Steering Spring



Load Lock



Hand cranks

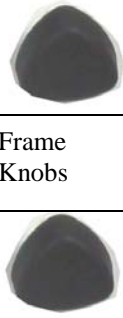


Wrench



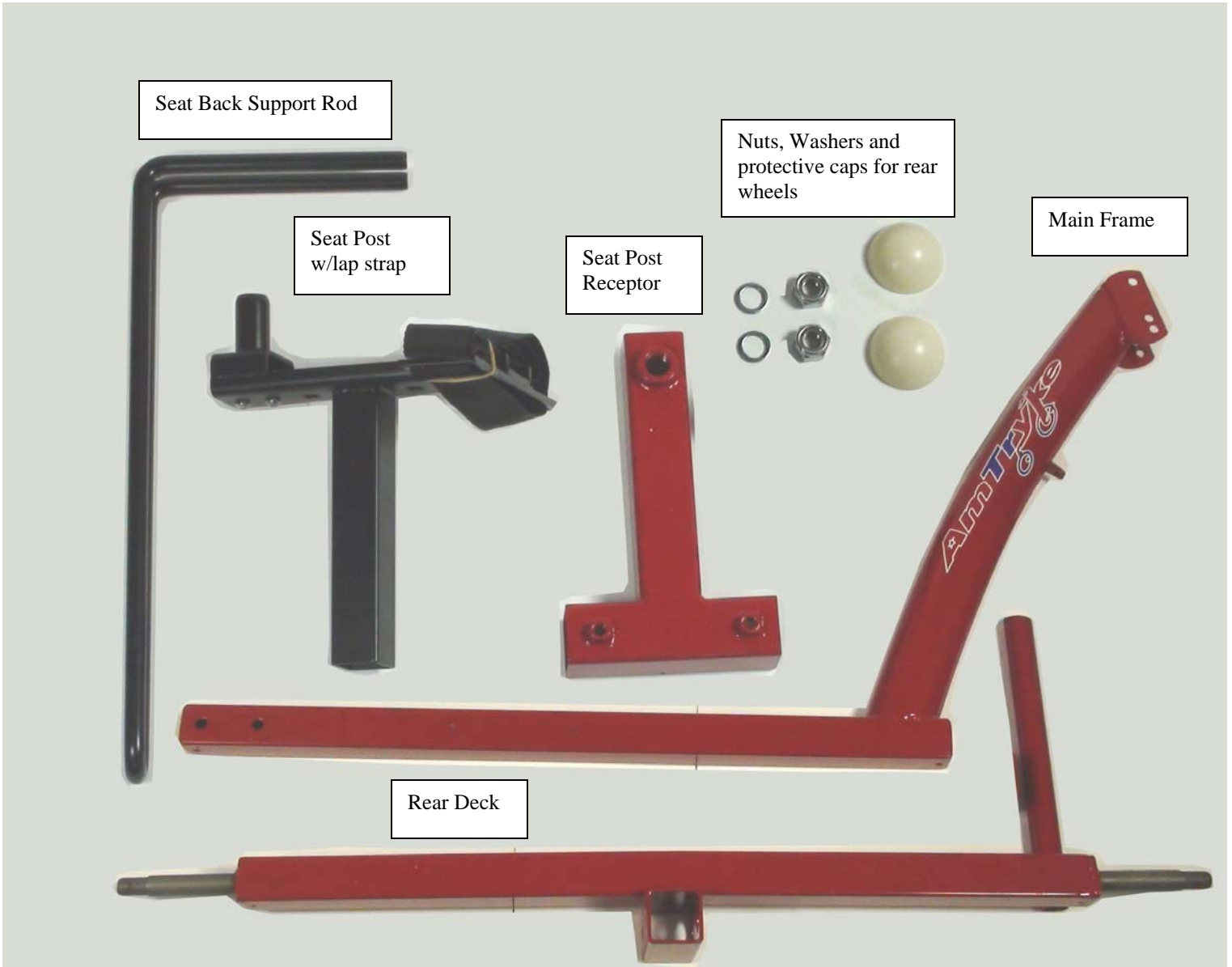
Hinge wrap for front fork

Frame Knobs



Seat Post Knob





### **AmTryke LLC.**

AmTryke, LLC and National AMBUCS, Inc maintain a warehouse and ships product from High Point, North Carolina. Due to continual product improvement, AmTryke, LLC reserves the right from time to time to make reasonable substitutions without prior notice. Prices are subject to change without notice.

Our goal is to provide prompt and efficient service. We try to maintain ample inventory but unusual demand will sometimes deplete our stock of an item. If due to unusual demand, our inventory of an item is depleted and the item is backordered, allow six to eight weeks for delivery. You will be notified if an item is delayed or discontinued.

### **Terms**

Individuals may order by using Visa, Mastercard, American Express, check, money order, or may be billed to AMBUCS™ chapter, district or region if authorized.

### **Shipping**

Orders are shipped by USPS, Fed Ex or UPS. Rush orders are sent at your request, and you, or your chapter, district or region is billed for rush charges and handling. Shipping and handling charges are added to all orders. Please contact us for shipping items outside Continental U.S.

Fed Ex or UPS:

The guarantee does not apply to shipments that are delayed due to causes beyond UPS or Fed Ex control, including but not limited to, the following:

1. The act, default or omission of the Shipper, Consignee or any other party claiming an interest in the shipment, including delivery instructions from the Shipper or Consignee with which we complied;
2. The nature of the shipment, defect, or inherent vice of the product;
3. Failure of the Shipper or Consignee to observe any term contained in these Air Freight Terms, including but not limited to improper or insufficient packaging, securing, addressing or marking of any shipment, including omission of, or provision of, an incorrect Consignee address or ZIP code on the Air Waybill, providing insufficient information, or the Shipper's failure to follow any term related to shipments that are not acceptable for transport.
4. Acts of God, weather conditions, environmental or hazardous goods incidents, perils of the air, public enemies, public authorities acting with actual or apparent authority, acts or omissions of customs officials or similar authorities, the application of security regulations imposed by the government or otherwise applicable to the shipment, authority of law, quarantine, riots, strikes or other labor disputes or disturbances, civil commotions or hazards incident to a state of war, local or national disruptions in ground or air transportation networks or systems due to events beyond our control, disruption or failure of communication and information systems, disruption or failure of utilities, or other circumstances beyond our control (hereinafter referred to collectively as "Force Majeure Events").
5. Compliance with laws, government regulations, orders or requirements, or any cause beyond our control.

You can also mail your order directly to us. The correct USPS address is:

AMBUCS Resource Center  
PO Box 5127  
High Point NC 27262  
Or you can fax to 336-852-6830

### **Returns**

No goods may be returned for credit without prior authorization from AmTryke, LLC and items must be sent back within 30 days. AmTryke, LLC will not be responsible for errors on size or other specifications when you order by telephone.

If you need to return merchandise for exchange or credit. Disassemble the item and pack it carefully in the original container to protect it from damage and insure the shipment. Credit cannot be issued if merchandise is damaged in return. Claims for damages or shortages must be made within five days of receiving the merchandise.

Please note: IF there is extensive damage to an item upon delivery, call AMBUCS Resource Center 1-888-268-7953 ext. 14 8:30am-5:00pm EST Monday – Friday.

The correct address for UPS, FEDEX is  
AMBUCS Resource Center  
4285 Regency Drive  
High Point NC 27265

### **Refunds**

After inspecting the returned merchandise, we will reimburse the purchase price of the item, less original shipping costs. You can expect a refund in the same form of payment originally used for purchase within 30 business days of our receiving the items. A restocking fee of 50.00 is charged for returned goods. You will be refunded the shipping cost if the return is a result of our error.

Questions:

1-888-AMTRYKE

Amtryke@ambucs.org

