



Amtryke® Model AM-12 & AM-16

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 9-11) 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

Assembly Instructions

1. **Attach Front Wheel Assembly to Main Frame Tube.** Use the two quick release levers to attach main frame tube to the front wheel assembly. Install quick release lever in top hole in front wheel assembly. Insert it from the right side as shown in Figure 1.



Figure 1.

2. Attach frame onto lever by dropping the slots in main frame tube over the quick release lever. Tighten with nut. Note: Install quick release levers on right side so that the levers will be inside the chain guard when tightened. See Figure 2.



Figure 2.

3. Install second quick release lever into lower holes. See Figure 3. Note: there are three positions for the front fork angle. You can choose the correct angle of the front fork for your rider by moving the lower quick release lever into one of the three (3) hole positions. Note: Chain guard goes on the rider's right site. Fasten snugly before proceeding.



Figure 3.

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. **Place Rear Deck Assembly onto main Frame Tube.** Slide the rear deck assembly onto main frame tube past the holes at rear of mainframe tube. First loosen the black frame knobs. Note: Black plastic knobs are on bottom tube of rear deck. The knobs are on the right side of the tryke. See Figure 4. Tighten the frame knobs just enough so frame does not slip. You will adjust length of frame later to fit your rider.



Figure 4.

CAUTION: Frame knobs must be fully tightened before riding!

5. **Install Rear Wheels.** Push pin in on rear of axle pin and insert into rear wheel. Note: axle pin inserts into indented side of wheel hub – air valve is on opposite side. Note: Air inflation valve faces the inside of the tryke. Install rear wheels into holes for axles on rear deck assembly. Install gray rubber hub caps over axel pins once wheels are installed on frame. See Figure 5.



Figure 5.

CAUTION: Make sure rear wheel axles are fully inserted and locked before riding!

6. **Install Safety Pin.** **WARNING: Do NOT operate AmTryke without a safety pin. Safety pin must always be in place to prevent accidental separation of the rear deck from the main tube. See Figure 6 – 7.**



Figure 6.



Figure 7.

7. **Install Loading lock.** Slide loading lock on the loading lock rod on the rear frame 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.

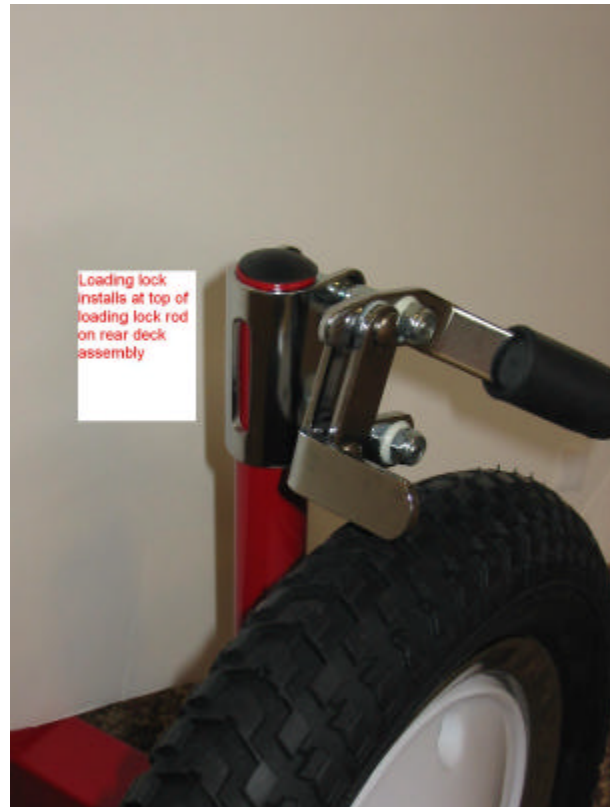


Figure 8.

8. 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!**



Figure 9.

- b. Install 9 1/16-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 9 1/16-inch wrench. (Figure 13.) Repeat with second bolt. Be sure to not over tighten. Final adjustments will be made when the rider is on the bike. See Figures 10 - 13.



Figure 10.



Figure 11.



Figure 12.



Figure 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!

9. **Install Contoured 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.
10. **Install Lap Strap.** Thread the lap strap through slots in bracket at back of seat post assembly.
11. **Install Plastic Seat Back.** The plastic seat back is installed onto the seat back support rod. First, remove knobs, washers, and straps 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.



Figure 14.



Figure 15.

12. **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.

13. **Install Hand Cranks.** Hand cranks are marked right and left as well and install the same way as pedals. Remember; the chain guard is on the rider's right side. See Figure 17. **CAUTION: Be sure pedals and hand cranks are securely tightened before riding!**



Figure 17.

14. **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



Figure 18.

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.

15. **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



