

Amtryke® ProSeries Model #1412

50-FC-1412



Tools Needed for Assembly

8 mm Socket or Wrench
13 mm Socket or Wrench
15 mm Socket or Wrench
Utility knife

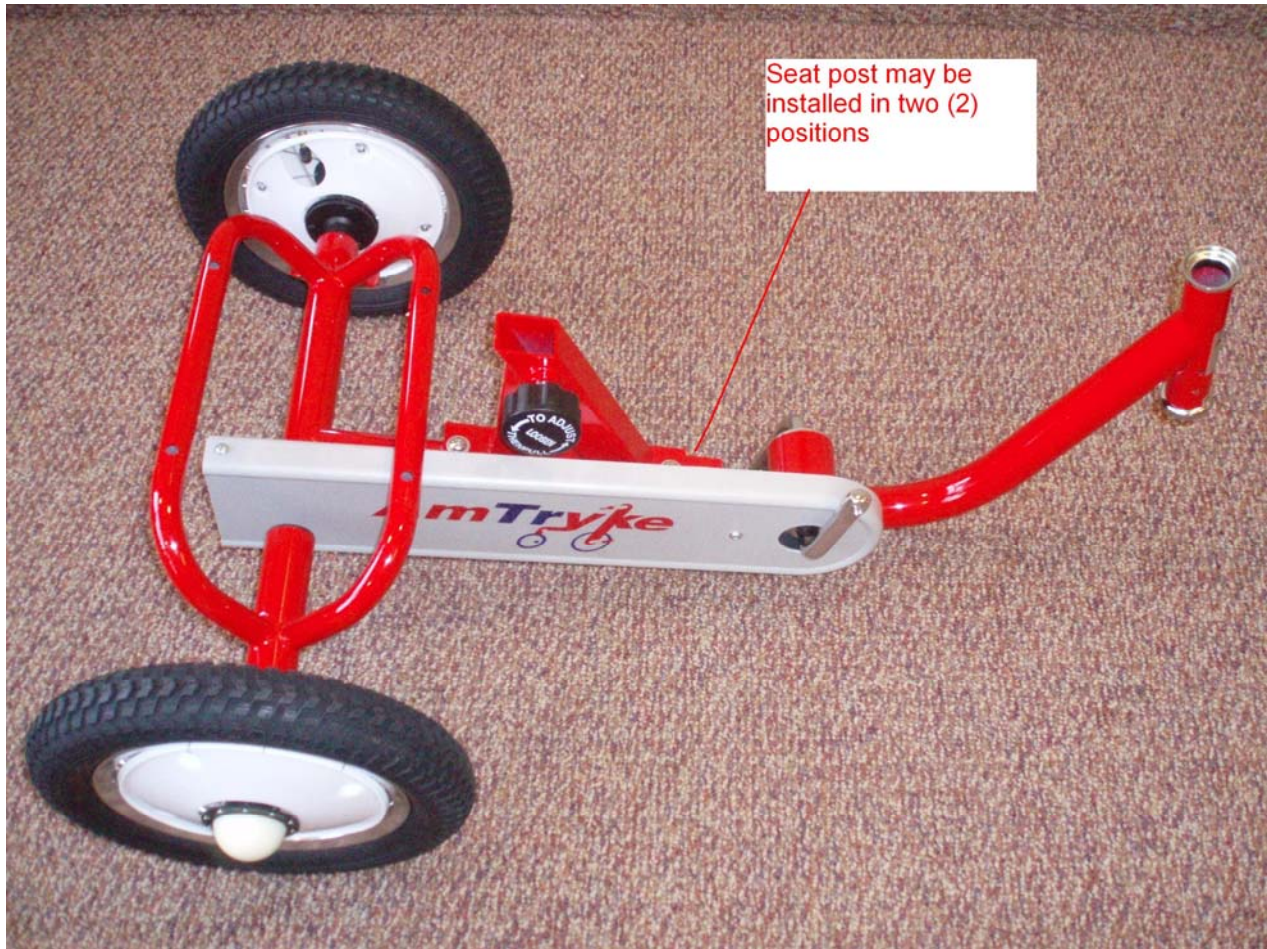
10 mm deep well socket or wrench
14 mm Socket or Wrench
Needle Nose Pliers

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:

- 1) Pedal Box – part PD-V3 ½ inch
- 2) Box marked with 0 and delta sign containing the seat assembly
- 3) Parts Box - The pictured items on the parts page.
- 4) The main frame assembly.



NOTE: THE SEAT POST ASSEMBLY MAY BE MOUNTED IN TWO (2) POSITIONS ON THE FRAME. THIS ALLOWS DIFFERENT POSITIONING BASED ON THE RIDERS SIZE. THE SEAT COMES MOUNTED IN THE BACK SET OF HOLES FROM THE FACTORY.

- a. Location of the seat post assembly may be adjusted.
- b. See above photo for possible seat post positions.
- c. Change to desired position with hex wrench (included).
- d. Tighten securely seat post to frame before riding.

Assembly Instructions

1) FRONT FORK TO MAIN FRAME ASSEMBLY

To mount front fork onto main frame:

- a. Slide one of the ball bearing retainers onto the front wheel fork tube with ball bearings facing up. Then insert the fork tube into the main frame tube.
- b. Slide the second ball bearing retainer onto the top of the fork tube. The ball bearings face down and seat into the chrome ring in the main frame.
- c. Screw the head cup onto the threaded top of the fork tube. Tighten this but do not over tighten. The fork assembly should be snug with no play, but it should allow for easy turning movement.
- d. The lock washer is installed next. Install it into the top of the fork tube. Be sure the tab in the washer is inserted into the slot in the fork tube.
- e. Finally, install lock nut onto the fork tube. It threads onto the fork tube. Tighten securely.





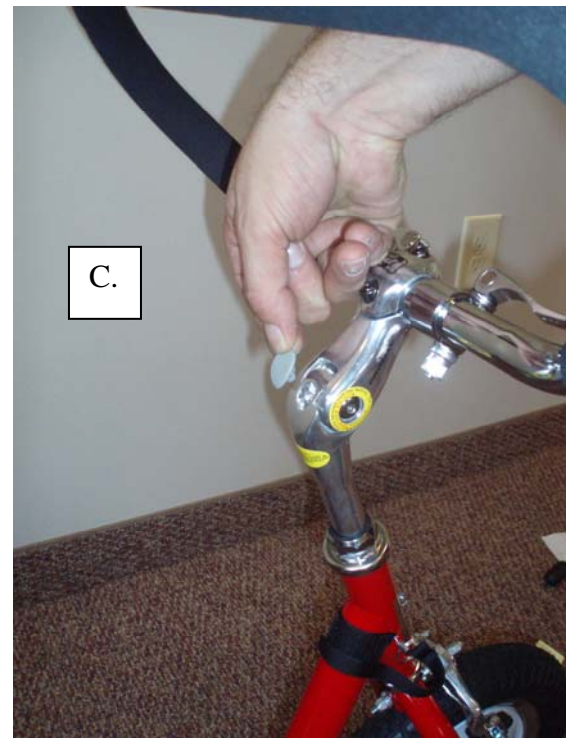
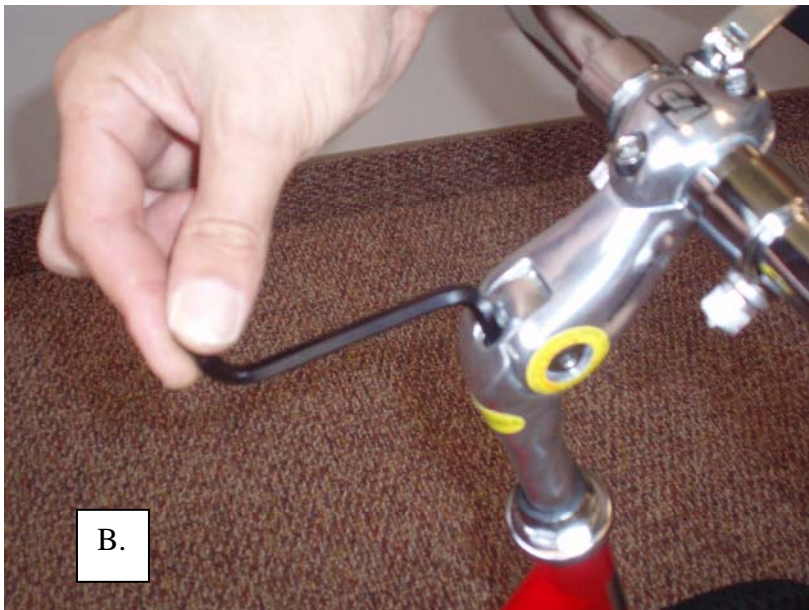
2) FRONT BRAKE ASSEMBLY

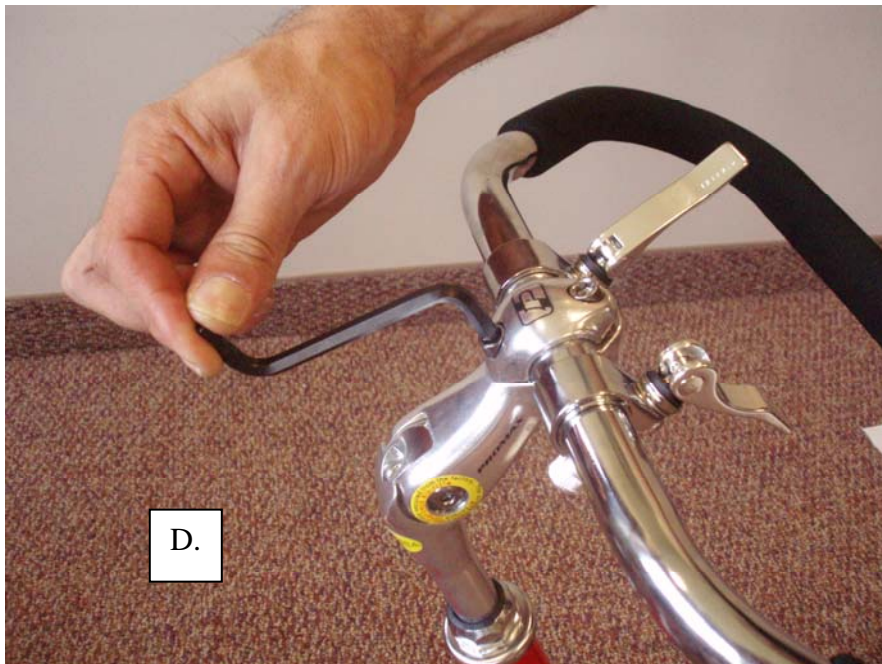
a. Front Brake – First take the nut, washer, and one contoured washer off of the brake. Insert brake bolt through hole in fork and reinstall counter washer, washer and nut. Make sure brake assembly is centered on fork before tightening. Contoured washers fit on either side of fork. Use 10 mm wrench to tighten.



3) **HANDLEBAR AND STEM**

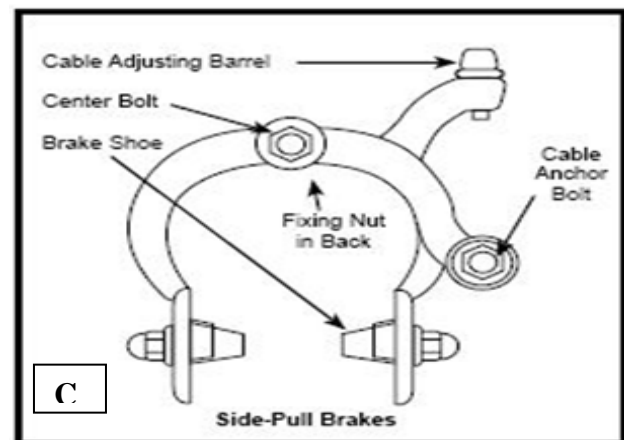
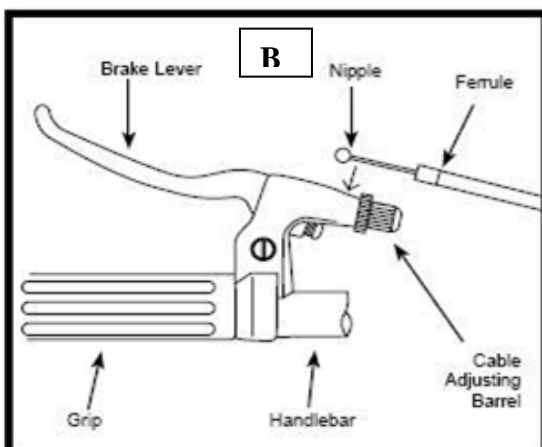
- a) Remove black plastic cap from handle bar stem. Insert stem of handlebar assembly into fork head tube. ****NOTE: THE STEM MUST BE INSERTED INTO THE FORK HEAD TUBE TO AT LEAST THE MINIMUM INSERTION LINE.**
- b) Secure stem by tightening stem expander hex head bolt (located under the gray plastic cover at top of stem – check in plastic bag for small gray plastic cover) using a 6mm Allen wrench (included). Be sure to center stem with the front wheel.
- c) Replace gray plastic cover.
- d) Tighten 2 hex head screws at top of stem to tighten Handlebar clamp.
- e) Use quick release locking cam levers to adjust handle bar position and tighten securely.





4) BRAKE LEVER INSTALLATION

- a) Mount hand brake lever to comfortable position on the handlebars for your rider. Trim foam grip to allow clearance for desired brake position.
- b) Open the brake lever and place the nipple end of the brake cable into the lever, then close the lever. Secure the ferrule against the lever using the cable adjustment.
- c) Loosen the cable anchor nut and thread the brake cable through it. Tighten the nut by hand until it holds the cable in place. Squeeze the brake arms together against the rim of the wheel. Loosen the nuts on the brake shoes and turn until they match the angle of the rim. Tighten the nuts securely. Pull down on the end of the brake cable with pliers, hold taut and securely tighten the cable anchor nut. Spin the wheel, the brake shoes should not contact the rim at any point and should be equal distance from the rim on both sides. Make sure all nuts and bolts are securely tightened. Test brake levers 20-25 times to take care of any initial cable stretch. Be sure to tightly secure the brake fixing nut behind the fork.



5) SEAT POST FRAME ASSEMBLY

- a) Slide seat post assembly into slanted tube on main frame. Pull back on spring loaded knob and let pin seat into desired hole on seat post assembly. **NOTE:** Seat post knob is never removed. Simply loosen, pull out on spring loaded knob, and then tighten once pin is in desired hole position.



6) BASKET BRACKET ASSEMBLY

- a. Mount the black basket bracket onto the rear bar of the frame behind the seat using 1 3/4" bolts with nuts and washers. The bracket is mounted from the bottom of frame bar. Insert bolt and washer from top and place washer and nut on end of bolt – tighten.



7) BASKET ASSEMBLY

- a) Bars at rear of basket mount onto bracket at back of tryke. Two screws and nuts (black) can secure basket if rider desires permanent attachment.



8) PEDALS

NOTE: there is a right and left pedal indicated by an L or R on the end of each pedal axle.

- a. Mount pedals onto crank. Left pedal tightens left. Right pedal tightens right. Use 15mm wrench to tighten.
- b. ****NOTE: BE CAREFUL WHEN THREADING PEDALS. DO NOT FORCE!! PEDALS THREAD EASILY WHEN INSTALLED PROPERLY.**



9) STEERING PIN INSTALLATION

- a) The steering inserts into the front fork tube from the side.
- b) The top position locks the steering straight. This allows for easy transfer or if the child needs assistance with learning to steer properly.
- c) The lower position limits the steering to 20 degrees in either direction. This is very helpful in limiting the turning radius of the tryke. It keeps a rider from over steering and adds to safe riding.
- d) Install the adhesive hook strip to the frame to keep the steering pin secure form loss.



10) QUICK RELEASE WRENCH

- a) The quick release wrench is included. (black tube with one end crimped and one end slotted)
- b) This is useful for gaining leverage to insure quick release locking cam levers are tightened securely.





