



The therapeutic tricycle for children with disabilities



For questions or to place an order,  
please contact:

AmTryke, LLC.

Phone: (888) - AMTRYKE ext. 14

Email: [amtryke@ambucs.org](mailto:amtryke@ambucs.org)

Visit our website: [www.ambucs.org](http://www.ambucs.org)

## Assembly Instructions

### AmTryke ProSeries Model 1424 #50-1424



### Tools Needed for Assembly

8 mm Socket or Wrench  
12 mm Socket and Wrench  
14 mm Socket or Wrench  
7/32 Allen Wrench  
Needle Nose Pliers  
Utility Knife

10 mm deep well socket or wrench  
13 mm Socket or Wrench  
15 mm Socket or Wrench  
5/32 Allen Wrench  
Phillips Head Screwdriver  
22 mm Socket or Adjustable Wrench

### **Carton Contents**

Carefully remove and lay out all parts from the carton so not to scratch or lose any parts or pieces.

The shipping carton should contain the pictured items on parts page.

### **Assembly Instructions**

#### **SEAT ASSEMBLY**

1) Slide the backrest into the seat, align holes.



as  
the

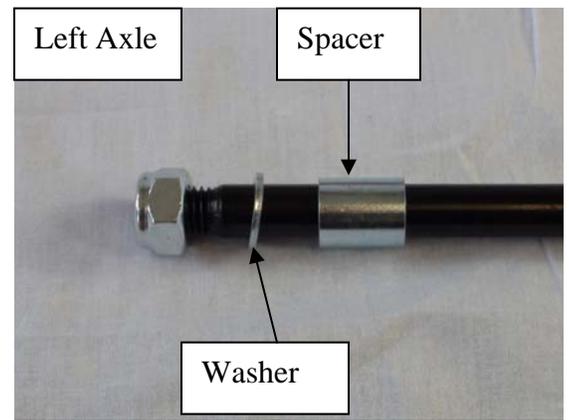
2) Slide large flat washer over Allen bolt and through seat belt grommet, put bolt through hole in backrest. Put small flat washer and nut on other side of bolt and use a 13 mm wrench or socket to tighten nut.

*(Repeat process for other side)*



## REAR DECK

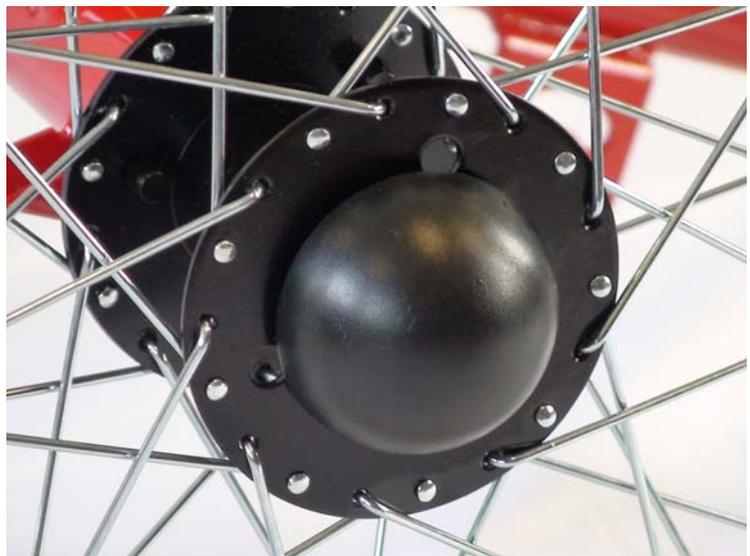
- 1) Remove axle nut, washer & spacer from axle.



- 2) Slide axle through rear deck from the right side of the tricycle (the right side of the axle has the black hub) to the left side until axle protrudes out both sides.
- 3) Slide the wide spacer over the left axle side.



- 4) Remove axle nut from right side.
- 5) Slide rear wheels on both sides and put washer on both sides, install axle nut using a 22 mm socket or adjustable wrench. Be careful not to overtighten. If too tight axle bearing will bind and create a loud creaking noise.
- 6) **IMPORTANT!** Be careful not to over tighten the axle nuts. If too tight, the axle bearings will bind and create a loud creaking or clicking noise. If this happens back off the axle nuts one quarter turn at a time until wheels operate quietly.
- 7) Install black axle nut caps over nuts, tap lightly with rubber mallet.



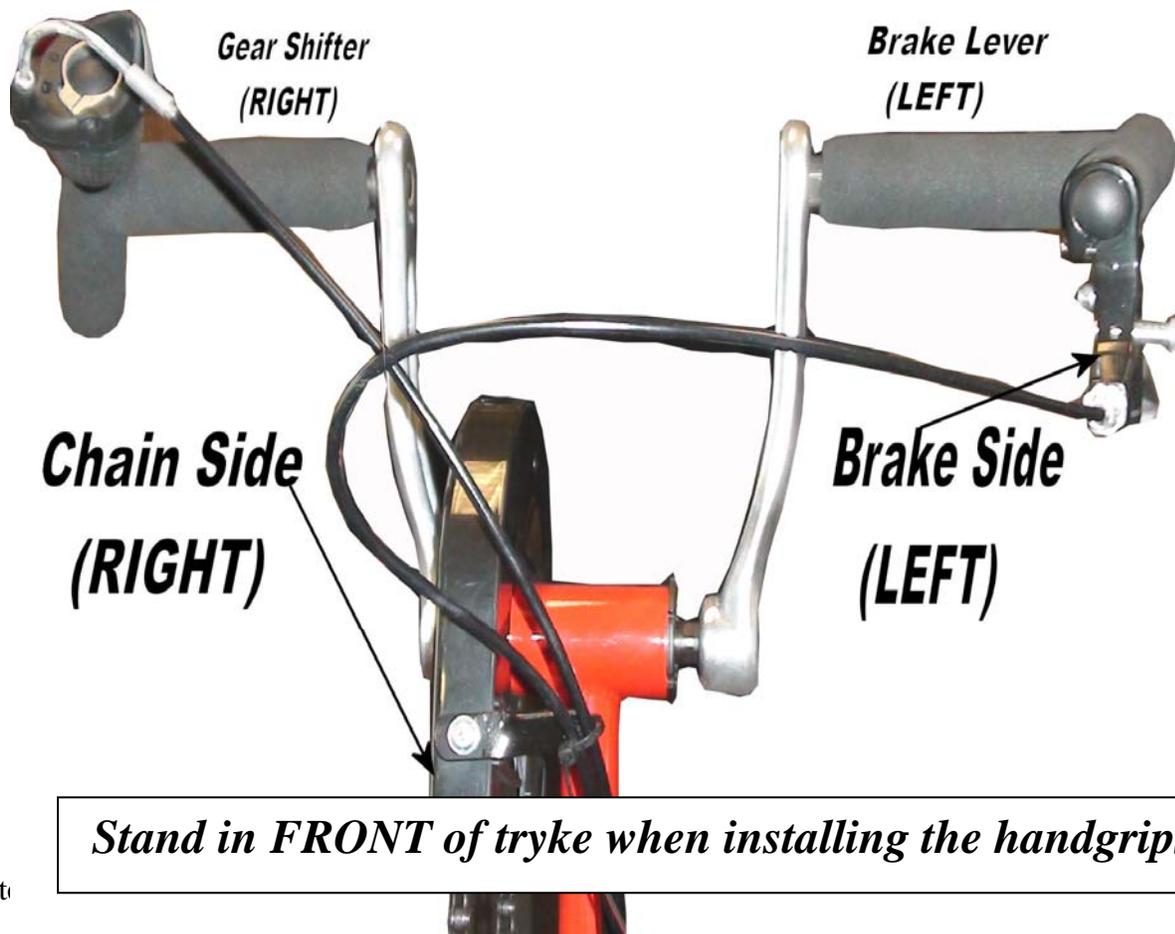
### **ATTACH REAR DECK TO FRONT ASSEMBLY**

1) Slide front frame assembly over square mating tube on rear deck, insert frame pin and thread lever handle bolt to secure the two pieces. Tighten securely.



### **ATTACH HANDLE TO CRANK ARMS**

- 1) The handle that has the brake lever attached to it goes on the left crank arm, CAREFULLY thread counter clockwise. DO NOT FORCE! Once you have hand threaded crank arm and are sure it's installed correctly in threads, then tighten. NOTE: Left crank arm threads counter clockwise towards front of tryke!
- 2) The handle that has the shifter lever attached to it goes on the right crank arm. CAREFULLY thread this crank arm clockwise. DO NOT FORCE!



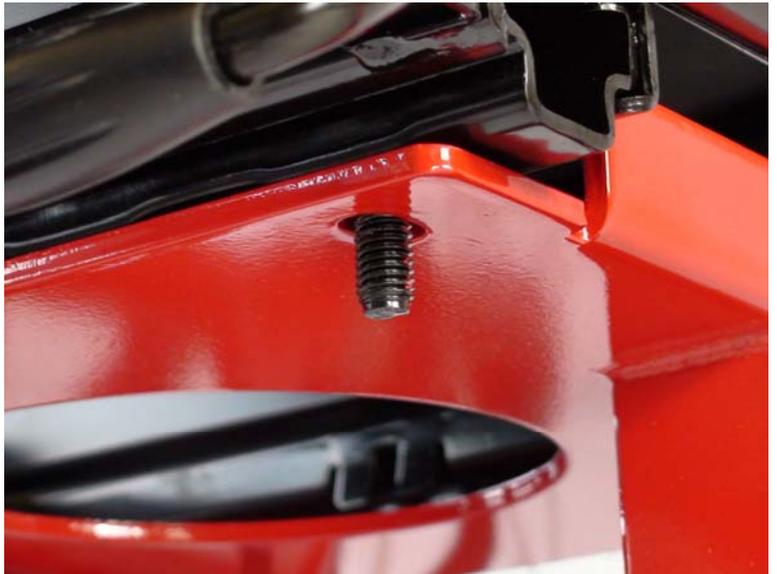
### **ATTACH FOOT PLATE ASSEMBLY TO FRAME**

- 1) Using one (1) large Allen bolt & one (1) thick washer, put washer over bolt.
- 2) Hold foot plate assembly to underside of frame and align holes, start each Allen bolt with thick washer by hand until both are threaded enough to hold foot plate assembly in place.
- 3) Use provided Allen wrench to tighten bolts until secure.

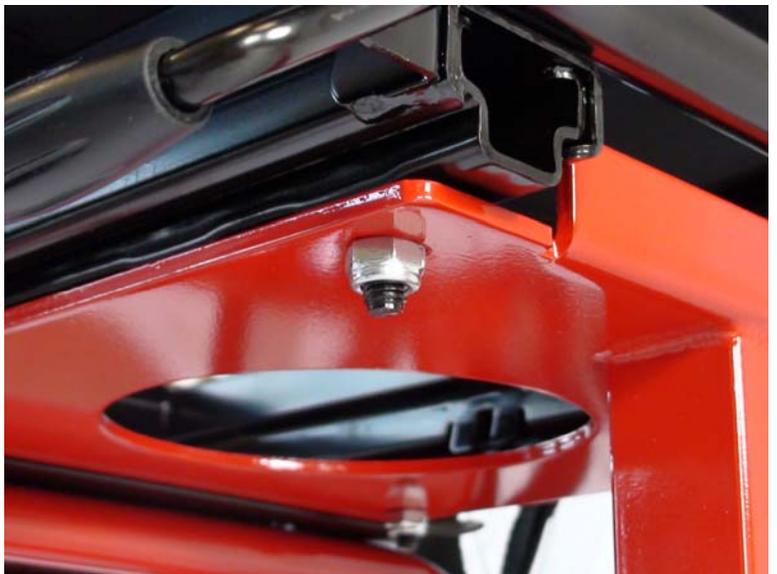


### **ATTACH SEAT TO REAR FRAME**

- 1) Remove 4 nuts from the bottom of seat, place seat on rear frame with threaded bolts protruding through seat plate.

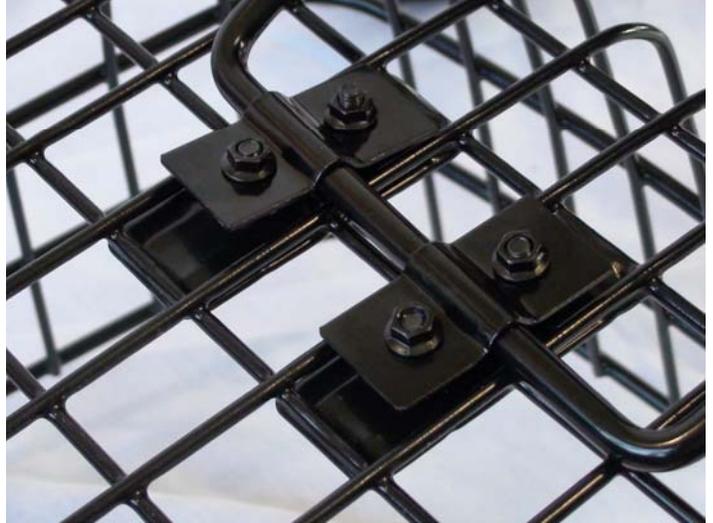


- 2) Thread nut that you removed in previous step onto threaded post that are protruding through seat plate, use a 13 mm socket or wrench to tighten securely.



## BASKET ASSEMBLY

1) Attach basket support using 2 short black Phillips screws, 2 nuts and two black brace brackets.



2. Attach basket to backside of seatback using 2 clamps, 2 long lag bolts and 2 nuts.

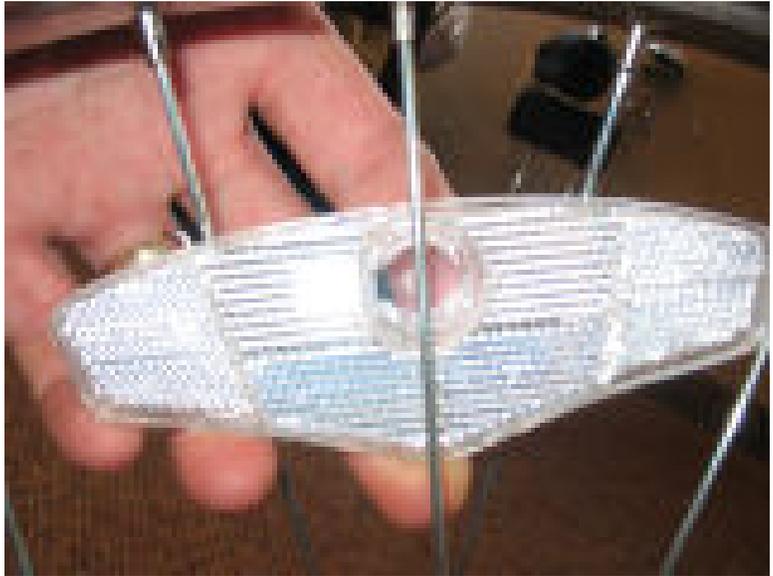


3) Attach basket support to rear frame using 2 bolts and 2 nuts.



## MOUNT WHEEL REFLECTORS

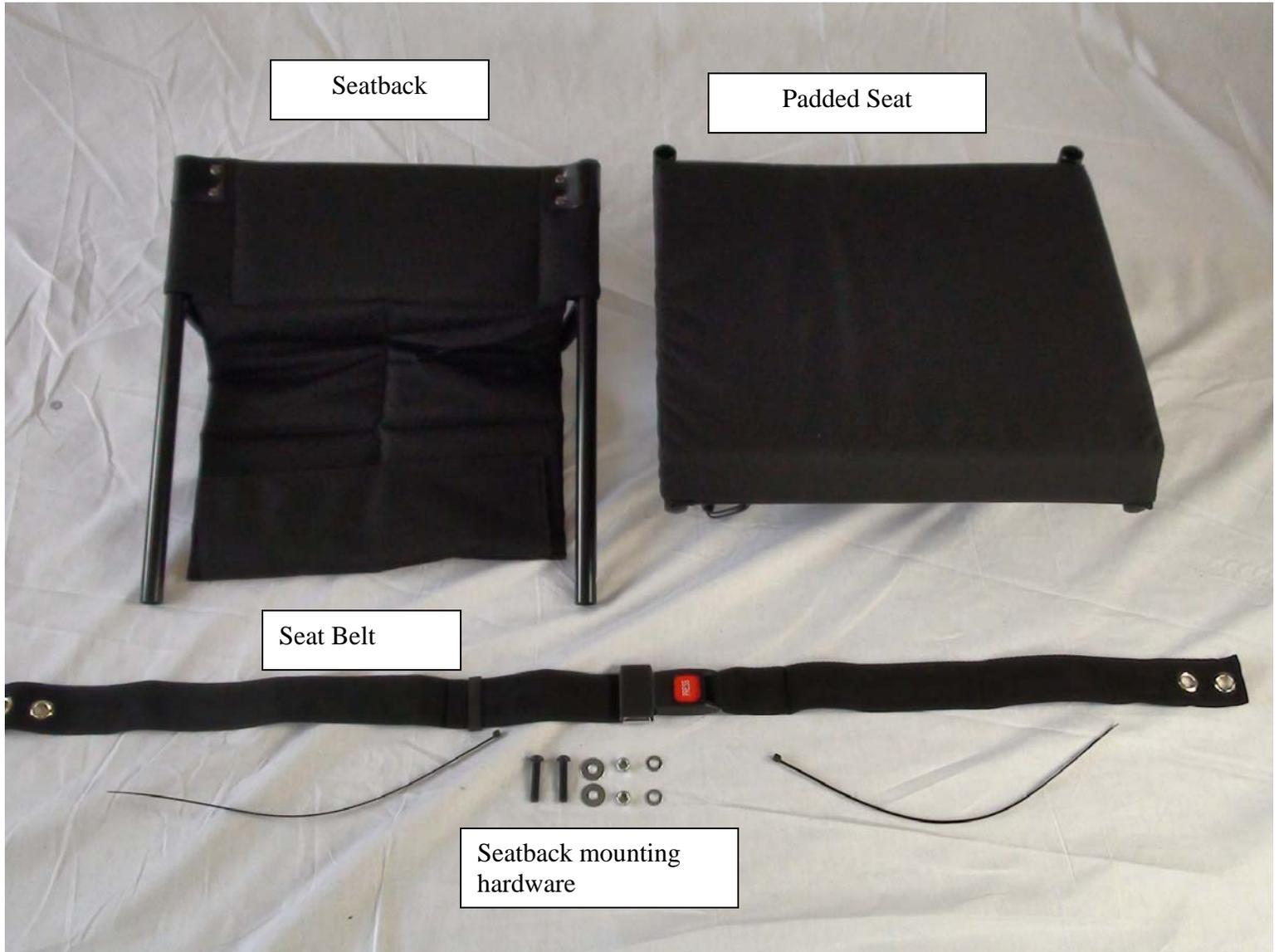
- 1) Place the reflector in an area on the rim opposite the valve stem behind a single spoke with 2 spokes on the opposite side. Align the front spoke with the slot in the reflector.



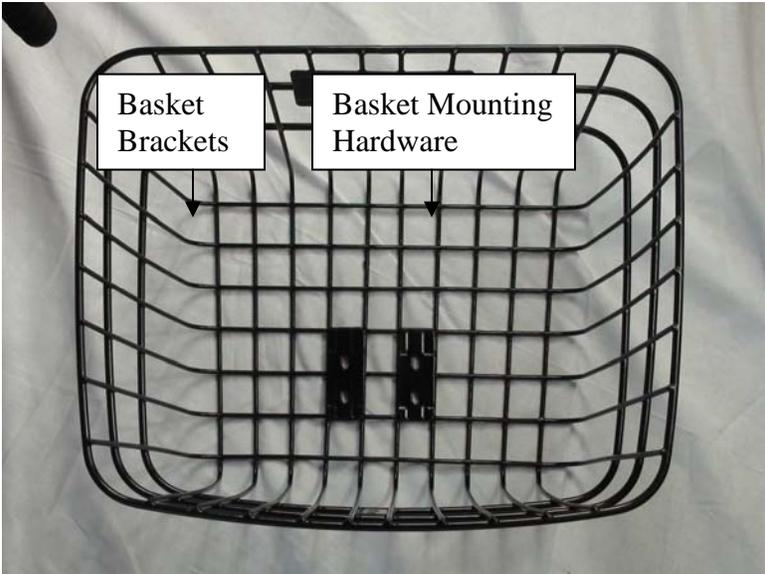
- 2) Insert the white pin with the slotted end going over the spoke into the hole in the reflector. Using a screwdriver turn the white pin until it can go no longer and locks in place.



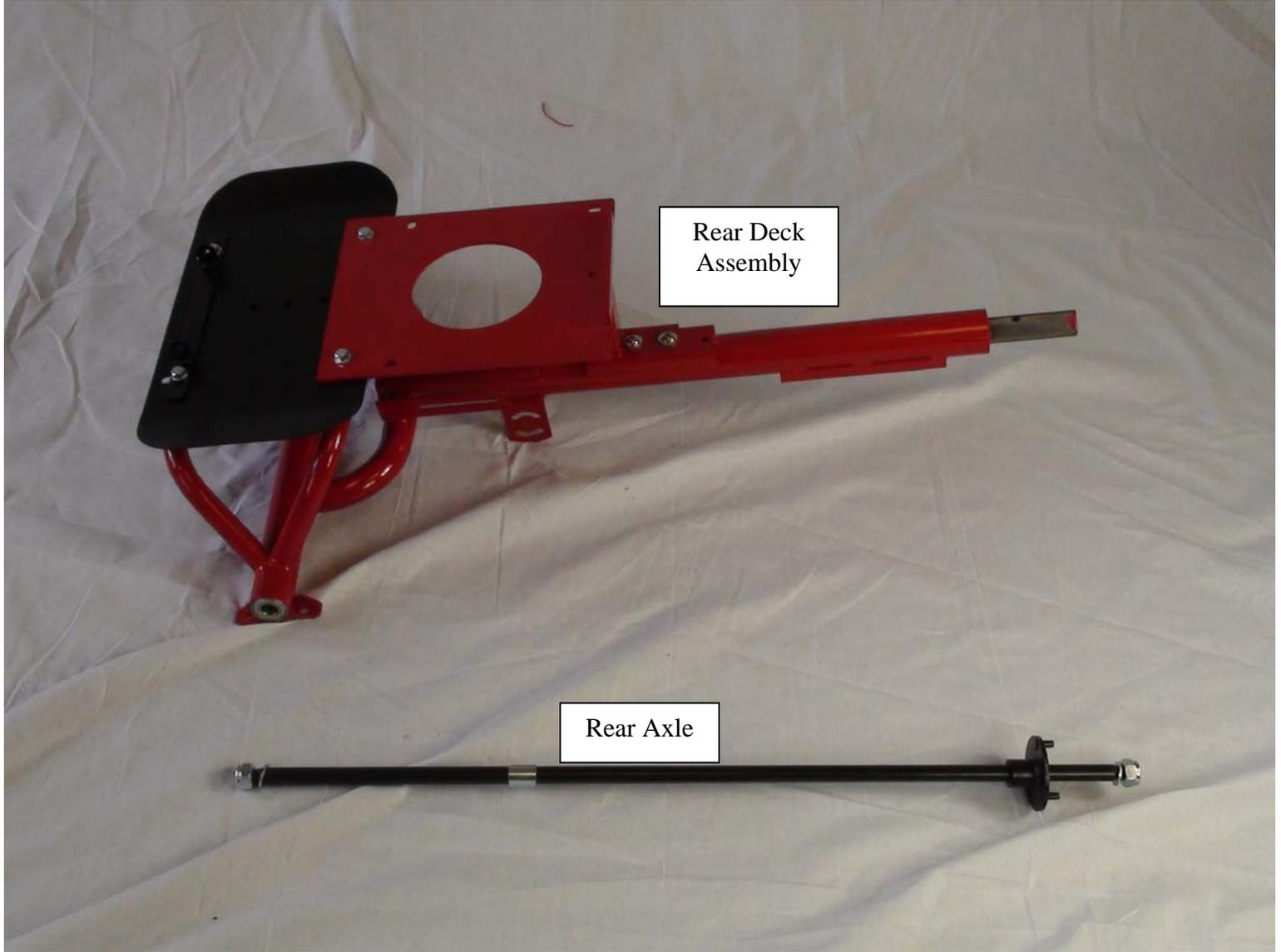
# SEAT PARTS



BASKET PARTS



## REAR DECK PARTS



**FRONT FRAME ASSEMBLY**

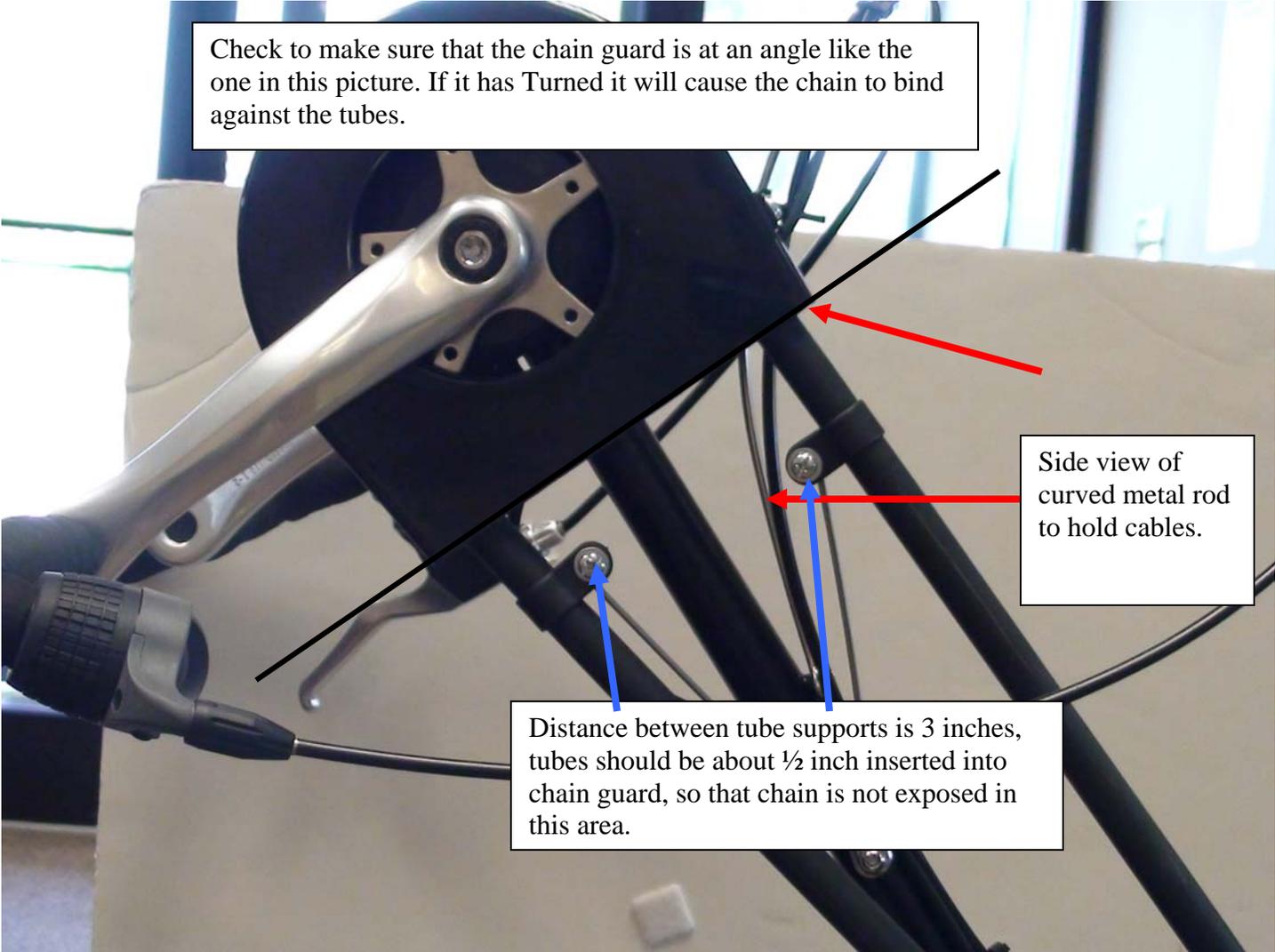


*Handle grips do not come mounted*

Check to make sure that the chain guard is at an angle like the one in this picture. If it has Turned it will cause the chain to bind against the tubes.

Side view of curved metal rod to hold cables.

Distance between tube supports is 3 inches, tubes should be about 1/2 inch inserted into chain guard, so that chain is not exposed in this area.

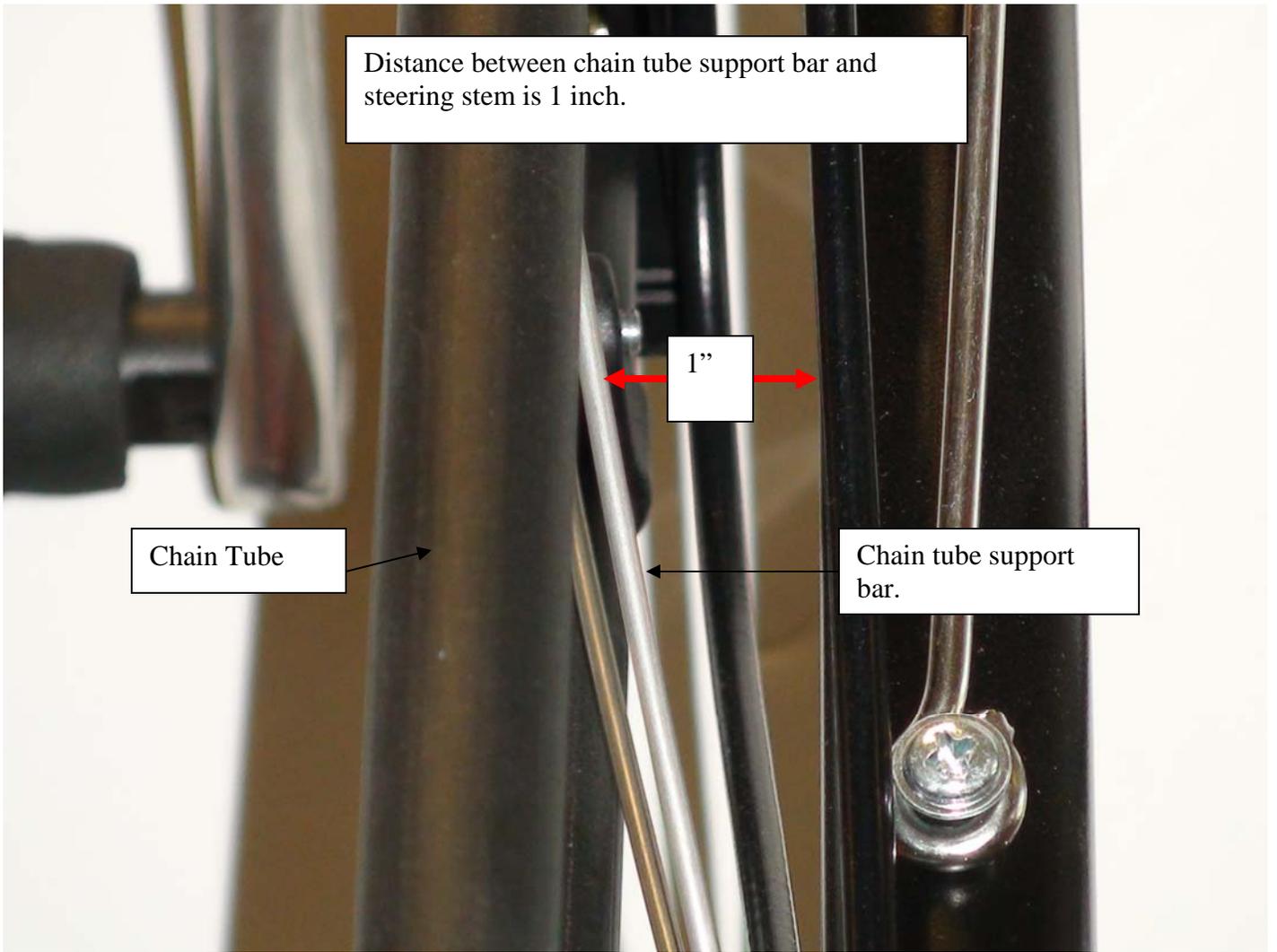


Distance between chain tube support bar and steering stem is 1 inch.

1"

Chain Tube

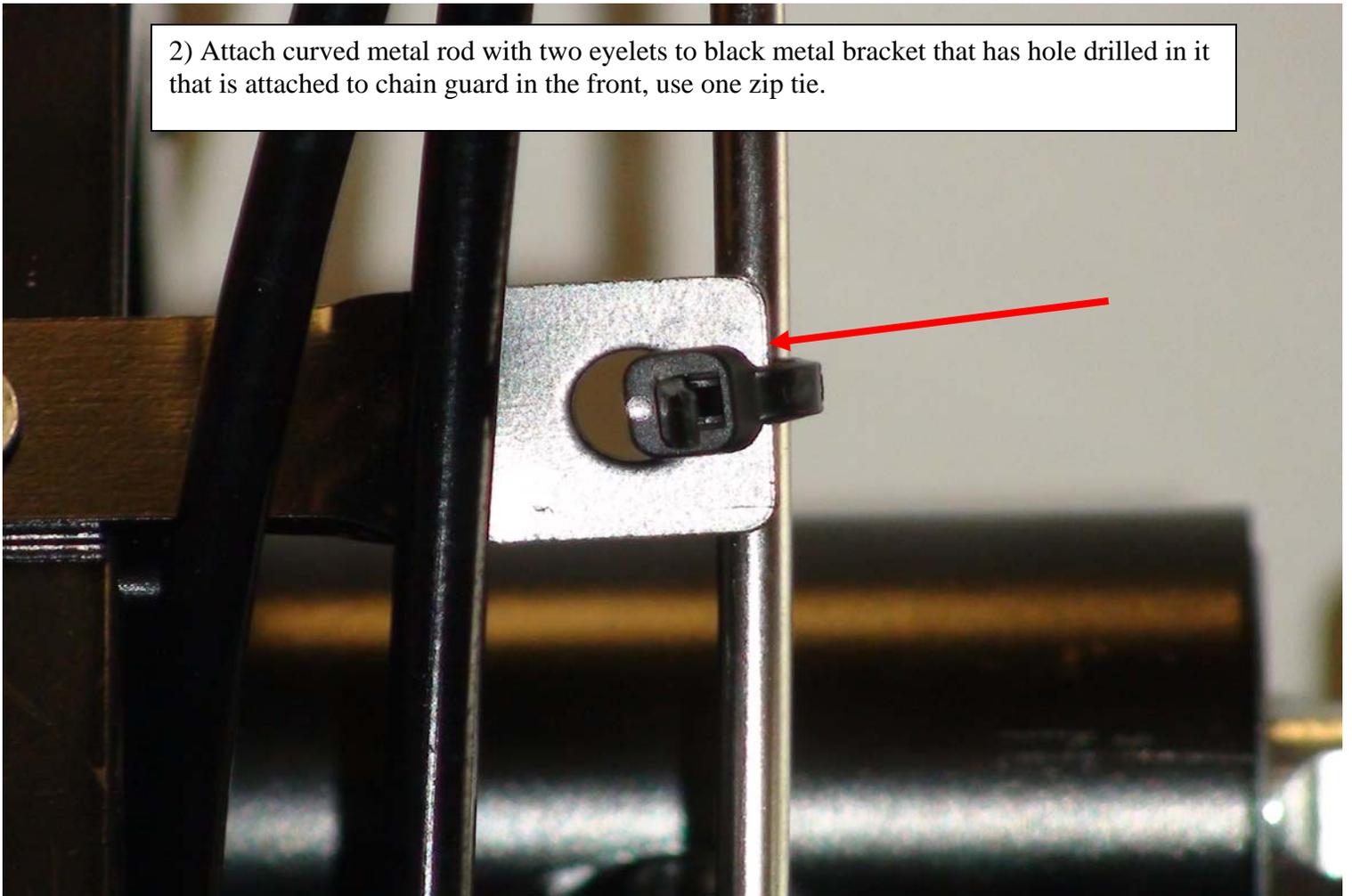
Chain tube support bar.



1) Attach curved metal rod with eyelet at each end to steering stem.



2) Attach curved metal rod with two eyelets to black metal bracket that has hole drilled in it that is attached to chain guard in the front, use one zip tie.



3) Attach cables to other end of curved rod using one zip tie.

