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Assembly Instructions

AmTryke 2700 Series
24" Model # 50-2721, 20" Model #50-2701



**Contents: Carefully remove and lay out all parts from the carton.
Be careful not to scratch or lose any parts or pieces.**

- Part box
- Saddle seat
- Main frame with front fork
- Basket assembly
- Rear wheels
- Front wheel
- Handlebar
- Rear fenders
- Front fender
- Chrome seat post
- Rear Wheel deck
- Chain guard

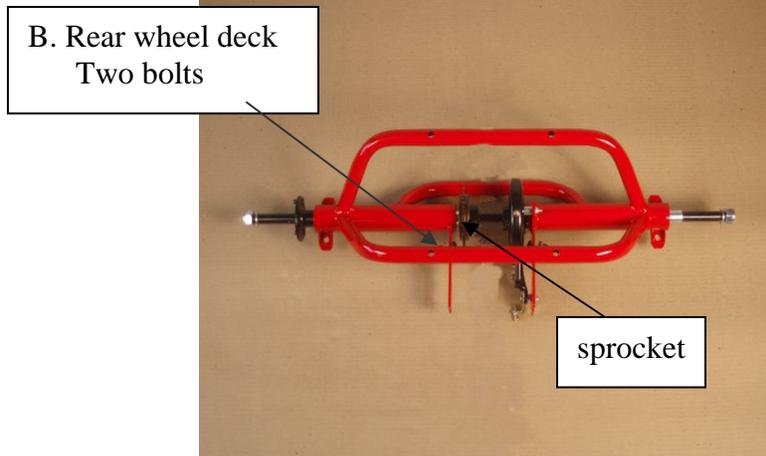
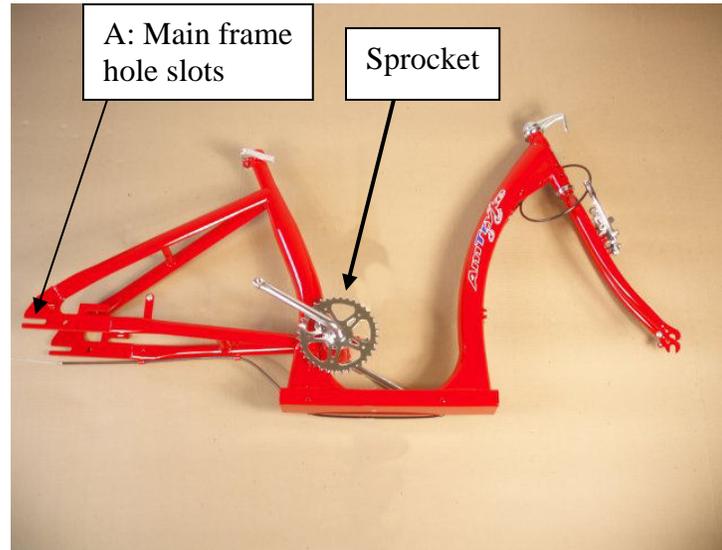
Tools Required: 8, 12, 13, 14, 15 and 22mm sockets and wrenches, Needle nose pliers, flat headed pliers, Phillips head screwdriver, Flat head screwdriver, 5mm and 6mm Allen wrench.

AmTryke 2700 Series - 24" Model # 50-2721, 20" Model #50-2701

Assembly Instructions

1) REAR WHEEL DECK TO MAIN FRAME

- a) Stand main frame upright. There is a slot on either side of rear portion of the main frame.
- b) Rear wheel deck has two bolts already installed. These bolts will be used to guide the rear wheel deck into position.
- c) Position the rear wheel deck so that the sprocket is on the same side as the sprocket on the main frame (right side) and the two support bars are facing up.

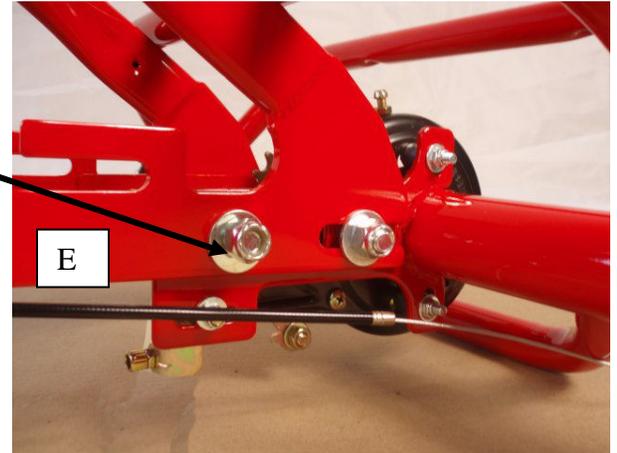


- d) Slide the rear wheel deck using the 2 bolts into the slots in the rear of the main frame. Make sure the washers on the bolts of the rear wheel deck remain on the outside of the main frame. Secure, but do not fully tighten one nut using 14mm wrench or socket to hold rear wheel deck in place. (These four rear deck nuts will be fully tightened after chain is installed)



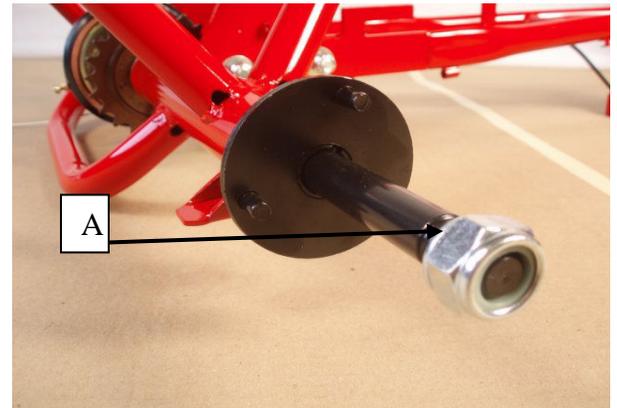
AmTryke 2700 Series - 24" Model # 50-2721, 20" Model #50-2701

- e) Install the remaining two (2) 14mm shoulder bolts in the frame from the inside, slide flat washer over bolt, install nylock nut and hand tighten.



2) ATTACHING REAR WHEELS

- a) Remove axle nuts from the rear wheel deck. 22mm socket or adjustable wrench may be used.

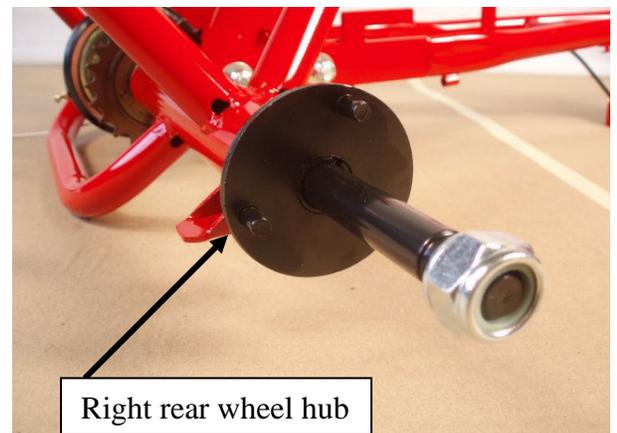


- b) Slide one rear wheel over left axle and against wide spacer then place thin flat washer and replace 22mm nut, hand tighten only. Be sure to keep wide spacer between wheel and rear wheel deck axle bearing.

- c) Slide second rear wheel over right axle and make sure the three (3) pins on the axle hub are inserted into wheel, install thin flat washer and 22mm nylock nut. Tighten both wheels securely with 22mm socket or adjustable wrench.

CAUTION: THE NUTS ON BOTH WHEELS MUST BE TIGHTENED SECURELY BEFORE RIDING THE AMTRYKE. DO NOT OVER TIGHTEN.

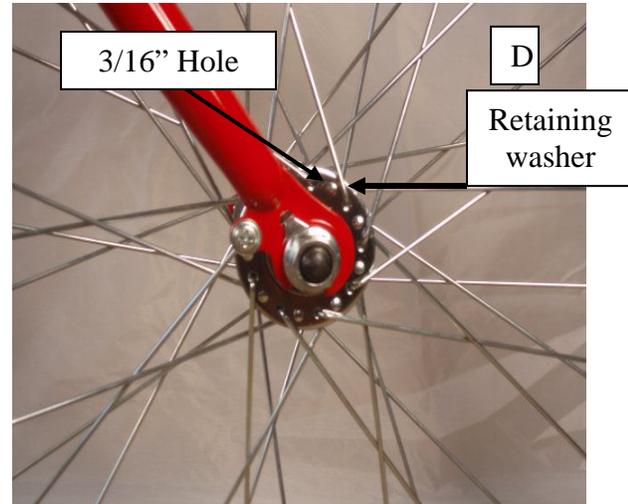
NOTICE: OVER TIGHTENING THE LEFT WHEEL MAY CAUSE THE BEARINGS TO BIND WHEN TRYKE IS RIDDEN. IF AMTRYKE MAKES A LOUD CLICKING NOISE WHEN RIDING, CHECK TO SEE THAT REAR WHEELS ARE NOT OVER-TIGHTENED.



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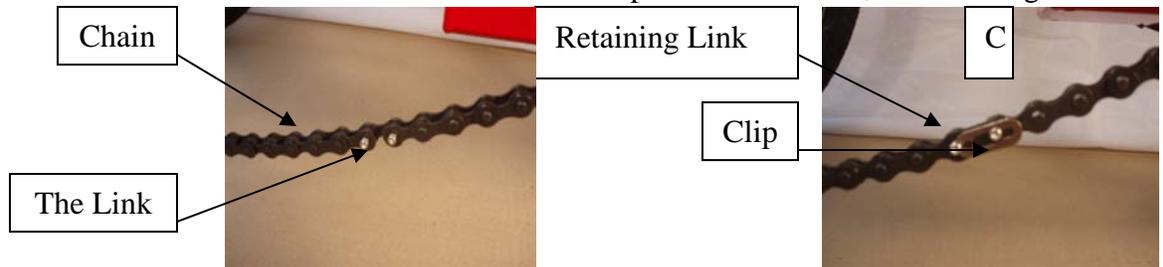
3) ATTACHING FRONT WHEEL

- Using a 15mm wrench or socket loosen the nuts on front wheel, but do not remove. Loosen nuts so that the threaded portion of the axel is visible between hub and nuts.
- The front fork of the main frame has two slotted holes, a 3/16" hole, and a screw (used for fender installation) on each fork tube. Do not remove the screws.
- Slide the front wheel up into the front fork so that the threaded axel is inserted in the slotted holes while keeping the two retaining washers on the outside of each fork.
- Each side of the wheel will have a washer with a bent tab on it, this is the retaining washer, the bent tab of each retaining washer gets inserted into the 3/16" hole, tighten the two nuts on the front wheel axel with a 15mm wrench or socket. **CAUTION: THE TWO NUTS ON THE WHEEL MUST BE TIGHTENED SECURELY BEFORE RIDING THE AMTRYKE.**

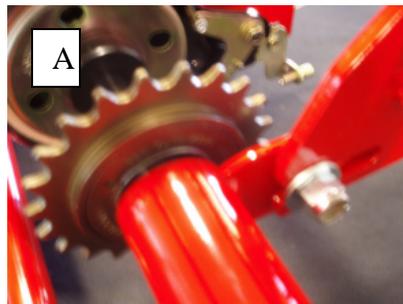


4) INSTALLING THE CHAIN

The chain is a series of links attached to each other. The master link has 3 parts to it: the link, the retaining link and the clip.



- Lay chain over rear axel (do not thread the chain onto the sprocket yet)
- Thread chain around front sprocket.
- Connect the two ends with the link portion of the master link.



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- d) The chain should be very loose and have plenty of slack in it. Slide the retaining link (resembles a figure eight) over the two exposed chain link pins.
- e) With open end of the clip pointing towards the back of the tryke, slide the clip over one pin. Align the open end of the clip with the other pin. Using a pair of needle nose pliers grasp the closed end of the clip and the front pin of the chain link and compress until clip surrounds both chain pins. **CAUTION: FAILURE TO INSTALL CHAIN CORRECTLY CAN RESULT IN THE CHAIN COMING OFF.**
- f) Thread chain over rear wheel sprocket, you can spin the right rear wheel to aide in the installation.
- g) Loosen the one bolt nut on the rear deck that you hand tightened from Step 1 (d). Pull back on rear wheel deck until chain is tight. Chain should only have ½" of play up and down.
- h) Tighten the four 14mm rear deck nuts now (refer to Step 1 (d) and (e)) securely. **CAUTION: THE FOUR 14MM REAR DECK NUTS MUST BE TIGHTENED SECURELY BEFORE RIDING THE AMTRYKE.**

5) Basket Assembly

The basket has four sides, one bottom, eight metal clips, two flat metal straps, four bolts, four nuts and eight washers. You will need a 12mm and a 13mm wrench or socket and a pair of pliers to install.

a) Basket Bottom

Lay the bottom of the basket on the rear deck with the tabs sticking upright and centered between the two rear wheels. Make sure that it is not resting against the angled portion of the main frame of the bike.



b) Install metal straps

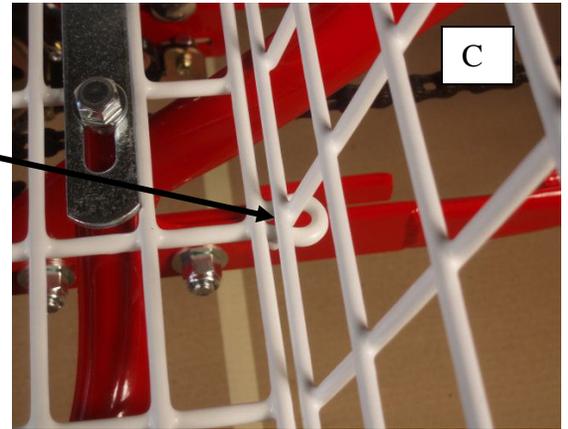
You will need the two flat metal straps, the four bolts, the four nuts and the eight washers. Lay flat metal straps over bottom of basket so that it aligns with the holes drilled in rear deck, slide one washer over each bolt, insert bolts through flat metal straps and through holes in rear deck frame. Install one washer and nut on each bolt on the underside of support frame. Be sure the bottom of basket is centered, and then tighten bolts/ nuts with 12mm and 13mm sockets or wrenches.



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c) Back Basket Wall

The bottom of the back wall has two pins sticking down from it; install those into the two eyelets of the bottom.



d) Right Side Basket Wall

Slide the right basket wall into the back basket wall and basket bottom. Make sure the hook pins slide into the eyelets of the back wall, and the hook pins sticking up from the basket bottom are on the outside of the side wall.



e) Left Side Basket Wall

Install the left side basket wall using the same instructions as the right side wall.

f) Front Basket Wall

Install the front basket wall in a similar fashion.

g) Finishing Basket

You will now need a pair of pliers and the eight metal clips to finish the basket. Place one clip at a time, two per side at the bottom where each side touches the bottom of the basket (1). Put the open end of the clip over the basket side and bottom, use pliers to compress each one so that it stays in place (2).



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6) Installing Handlebars

The steering system has the following components, the stem (gooseneck) and the handlebars. You will need a 5mm and 6mm Allen key wrench.

Steering Stem

Remove plastic sleeve from bottom of steering stem. Stand in front of the bike and center stem with the front wheel. Insert the steering stem into the front fork tube. Insert steering stem to the dashed line minimum insertion line. Tighten with the 6mm Allen key to tighten the bolt that runs through the length of the steering stem.

CAUTION: THE STEM MUST BE INSERTED INTO THE FORK HEAD TUBE TO AT LEAST THE MINIMUM INSERTION LINE.



a) Handlebars

Slide handlebars through steering stem until ridged area is inside the steering stem. Adjust handlebars to preferred rider position and tighten steering stem clamp bolt using 5mm Allen key.



7) Installing the Brake Levers

There is a right and left brake lever. You will need a 5mm Allen key wrench for this installation. Each brake lever has a button on it with a spring underneath it. The brake lever should be installed so the button is on the top side and the hand grip pointing to the outside of the tryke.

a) Slide one brake lever over one side of the handlebar until just before the curved portion of the handlebar. Adjust the position of the brake lever to a comfortable position. Tighten the brake lever clamp with the 5mm Allen wrench securely so that it can not slide.

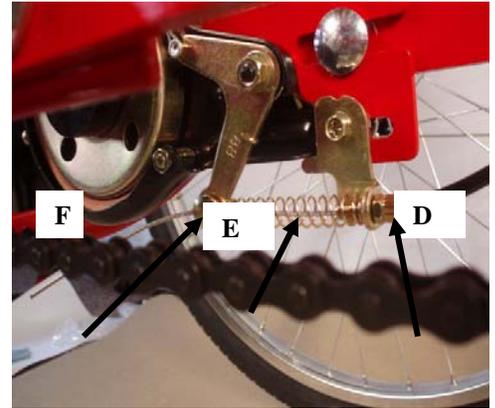


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b) Repeat this process for opposite side.

8) Installing Rear Brake Cable

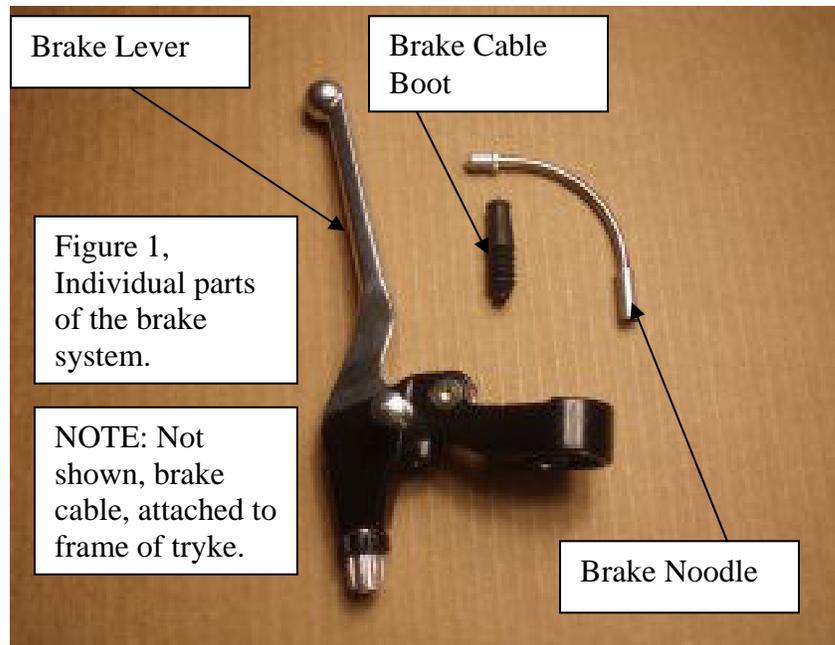
- a) The rear brake cable is already threaded through the points of the frame to secure it. You will be installing the brake cable into the rear brake assembly and into the front brake lever. You will need a pair of pliers and a 6mm wrench, socket or adjustable wrench.
- b) The rear brake assembly has several parts to it; you only need to be familiar with a few of these for this installation.
- c) The parts that you will need to know are the Ferrule (D), spring (E) and Cable clamp (F).



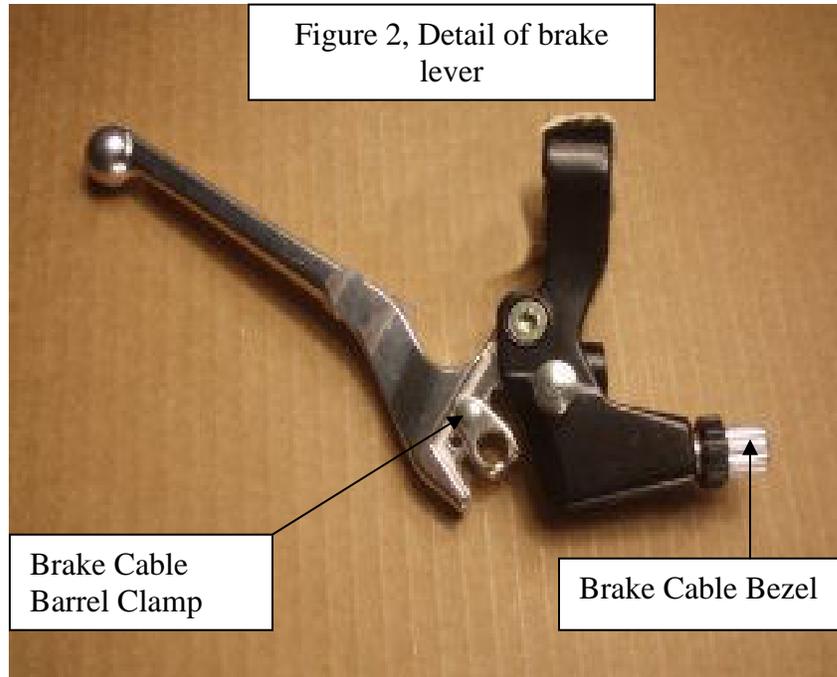
9) Installing and Adjusting the Front Brakes

Tools Required
5mm Allen Wrench

Description of Brake Parts



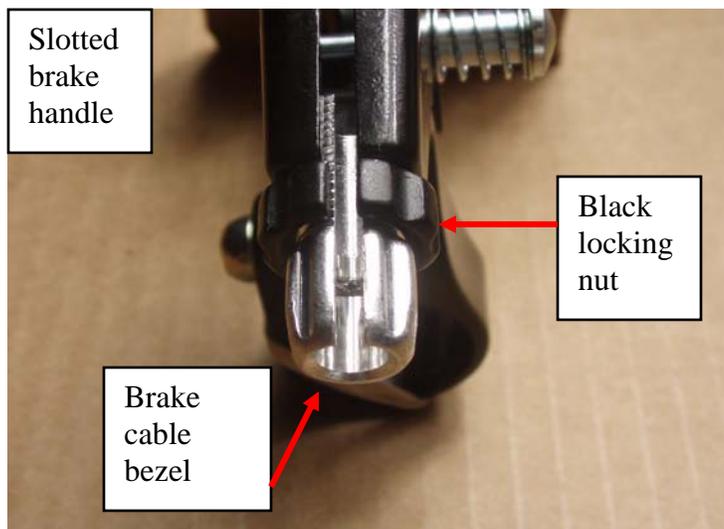
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Note: The front brake is the less dominate braking system and should not be utilized as the primary brake when stopping.

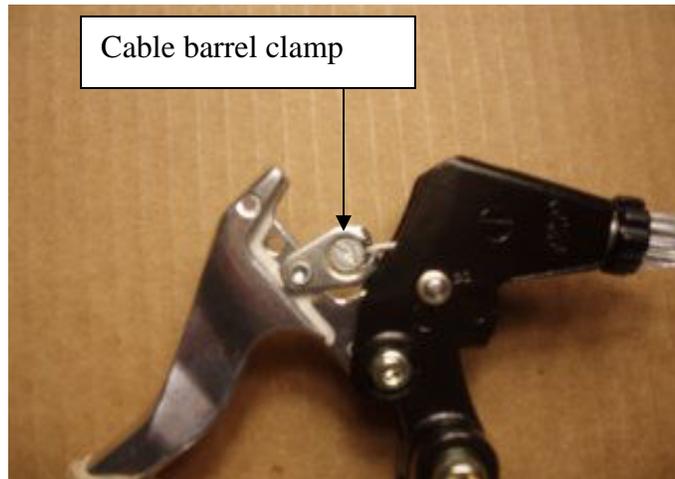
Attaching the Brake Cable to the Brake Lever

- 1) **BRAKE CABLE BEZEL.** The brake cable bezel has two parts, the bezel and the locking nut. The bezel and the locking nut each have a slot that makes it possible for the cable to slide through. Align the slots of the bezel and the locking nut with the slot in the brake handle.

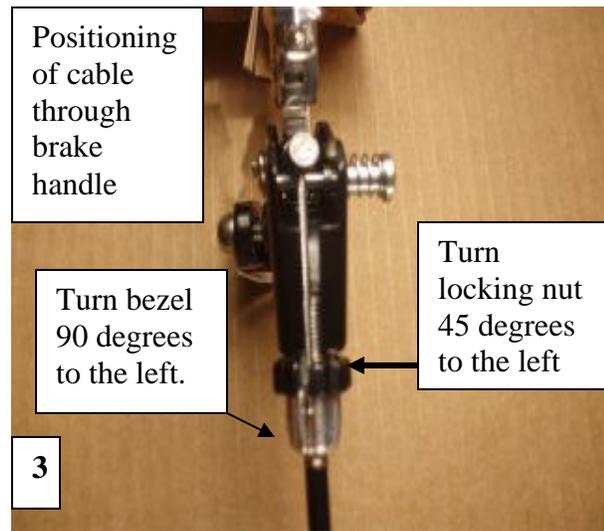


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- 2) Pull on barrel end of cable until three inches of silver cable are exposed. Pull brake lever until barrel clamp is visible. Lay the barrel end and silver cable in the aligned slots. Rotate the bezel 45 degrees to the right, while rotating the locking nut 45 degrees to the left.

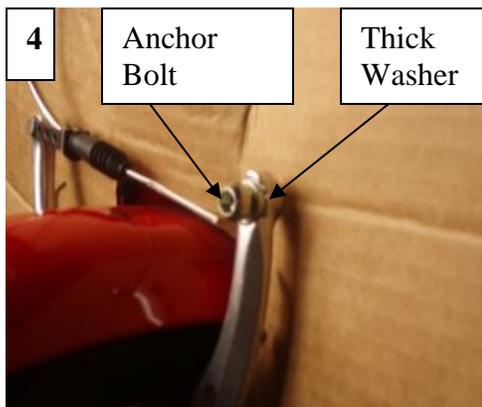
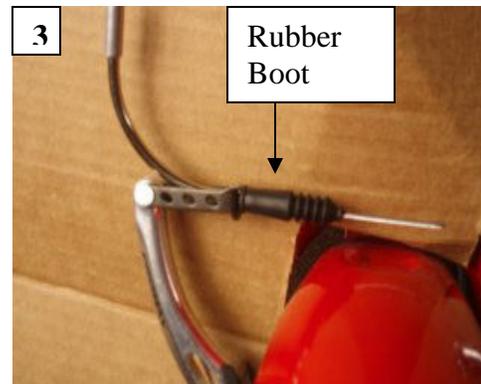
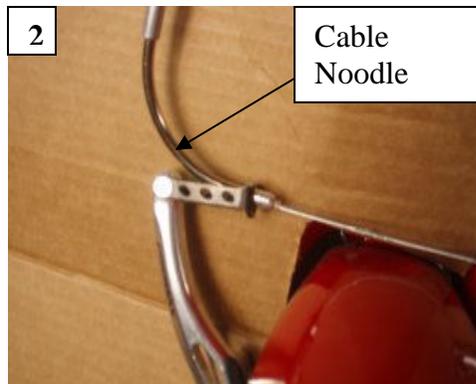
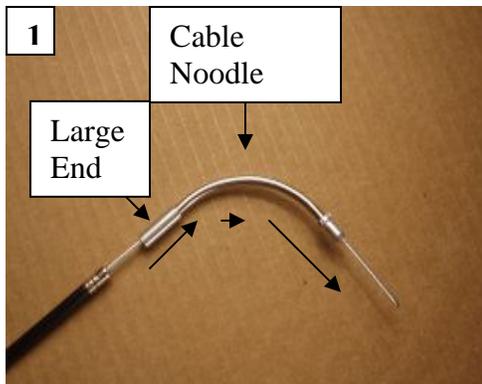


- 3) Continue to hold brake lever and insert barrel end of cable into clamp as show below.



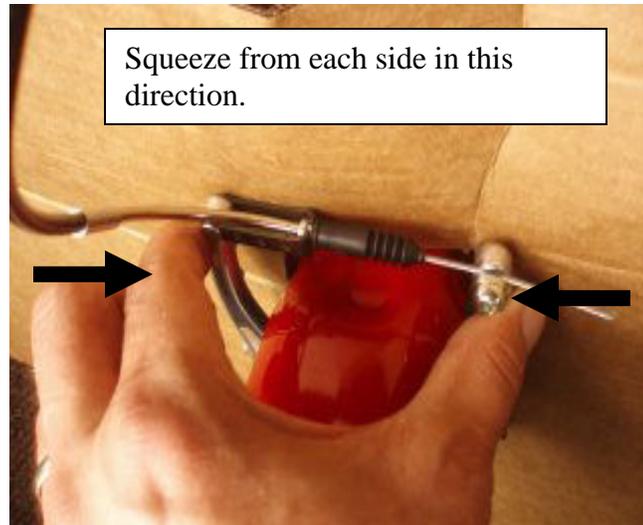
Attaching Cable to Brake Caliper

- 1) Thread Cable through large end of Cable Noodle.
- 2) Slide Cable Noodle through slot in caliper control arm.
- 3) Slide rubber boot over cable and onto cable noodle
- 4) Use 5mm Allen wrench to loosen anchor bolt.
- 5) Place cable between thick washer and caliper arm.



Adjusting Brakes

- 1) Using your hand squeeze the top of the caliper arms until the brake pads lightly touch the rim.



- 2) While continuing to squeeze the caliper arms use your other hand and the 5mm allen wrench. Tighten the anchor bolt securely. Once the anchor bolt is tight, you can release the caliper arms.



- 3) Pull the brake lever in and hold it while trying to push the bike. If you are unable to move the bike easily then the brakes are set correctly. If you are able to push the bike then you will need to do further adjustments.

Refer to the below steps if you require further adjustments

- 1) Loosen the lock nut on the brake lever by turning it to the left (counter clockwise), Loosen the bezel by turning it to the left (counter clockwise) by two complete turns, and tighten the locking nut by turning it to the right (clockwise).
- 2) Test the brakes to see if they hold, if they do then you are finished, if the brakes do not hold and the bike still moves freely repeat step 1.
- 3) After you are satisfied with the brakes pull the brake lever in all the way ten times to make sure the cable is not going slip.

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10) REAR FENDERS

- a) Mount the reflectors on the rear fenders. Remove the nut and lock washer off the rear reflectors. Insert one reflector in each rear fender with the screw going through the round slotted hole. Use an 8mm socket to tighten.
- b) Each fender has two support struts that are attached to a mounting plate. You will need two short 12mm bolts and two 12mm nuts. Position rear fender (with the supports to the inside), over the rear tire. Align the holes in the mounting plate of the support struts with the holes in the mounting plate of the rear axle.
- c) Insert a 12mm bolt in each hole from the top, hand tighten 12mm nut on each bolt. Evenly tighten the four nuts with a 12mm socket.
- d) You will need to align the fenders with the rear wheels. This usually requires some bending and twisting of the rear fender brackets. Be careful and adjust in small increments until you have fenders aligned.

11) Installing the Seat Post and Saddle Seat

- a) Mount saddle seat onto seat post. Position the saddle seat and tighten the 14mm nuts equally on each side of seat clamp located under seat. It is easier to mount saddle seat onto seat post before installing in main frame.
- b) Release locking cam lever by lifting up on lever. Hold the thumb nut (located on the opposite side of the lever) and turn the cam lever clockwise two turns to tighten. Folding the cam lock lever down will compress (clamp) the opening for the seat post.
- c) Insert large end of chrome seat post into frame of bike. **DO NOT DROP SEAT POST INTO BIKE FRAME.** Hold onto seat post and fold cam lock lever down to secure seat post to the desired height along the textured portion of the seat post.



12)Installing Chain Guard

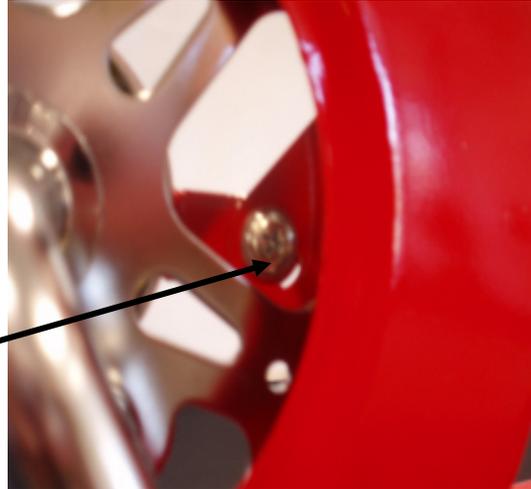
- a) Position right crank arm in a six o'clock position (pointing down). Located behind the front sprocket is a Phillips head screw, remove this screw.



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- b) Located near the rear of the bike on the right side is a Phillips head screw in the chain guard support bracket; remove this screw.

- c) Slide the large end of the chain guard over the crank arm so that the support bracket is behind the front sprocket, using a Phillips head screw driver install the screw through the chain guard behind the front sprocket.



- d) Using the Phillips head screw driver align the rear section of the chain guard with the hole in the chain guard support bracket and install turning clockwise. Make sure chain revolves freely and does not touch chain guard at any point.



13) Installing Pedals

- a) Left pedal is marked "L" on the end of the pedal axle. Right pedal is marked "R" on the end of the pedal axle. **CAUTION: BE CAREFUL WHEN THREADING PEDALS ONTO CRANK ARMS. DO NOT FORCE!!! PEDALS THREAD EASILY WHEN INSTALLED PROPERLY.**
- b) Finger thread right pedal marked "R" on pedal axle clockwise (towards the front of the tryke) into right crank arm. Right crank arm is on the side of tryke with the chain guard.
- c) Finger thread left pedal marked "L" on pedal axle counterclockwise (towards the front of the tryke) into the left crank arm. **NOTE: Left side pedals are threaded opposite – in a counterclockwise direction.**
- d) Tighten with 15mm wrench. **DO NOT FORCE!**

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14) Installing the Front Fender

- a) Turn the front wheel all the way to the right.
- b) Insert the short end of front fender between tire and upper front fork. Align the hole in metal tab of the front fender with the hole in the front fork. From the front of the fork insert the 10mm bolt through the hole and through the metal tab on the fender. Slide the washer over the bolt and install the locking nut using a 10mm wrench or socket.
- c) Remove the two Phillips screws located on the lower area of the front fork.
- d) Align the holes of the support struts of the front fender with the holes in the front fork.
- e) Reinstall the two screws through front fender support strut and front fork.



15) Installing Front Reflector

- a) Remove the nut and lock washer from the front reflector (white in color).
- b) Insert screw through pre-attached bracket on front of bike and reattach the nut and lock washer. Tighten with 8mm wrench.



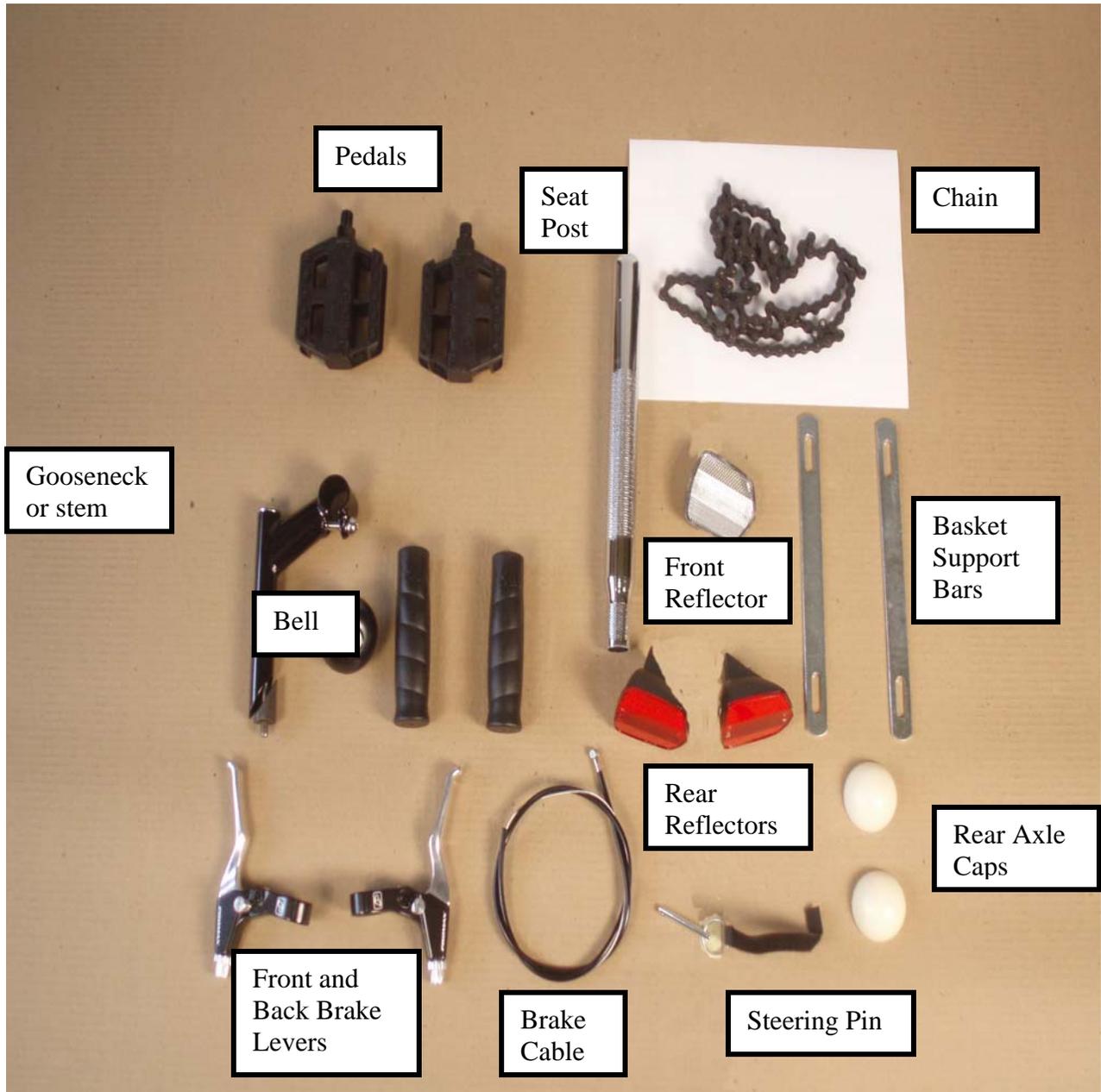
16) Installing Handgrips

- a) CAUTION: DO NOT USE OIL OR ANY OTHER TYPE OF OIL BASED PRODUCT!
- b) Wet a paper towel or rag in water. Squeeze the paper towel into the handgrips by turning it and pushing it into the handgrips. Once handgrip is thoroughly wet, remove rag and slide handgrips over handlebars. You may have to use the palm of your hand or fist and push it on securely.

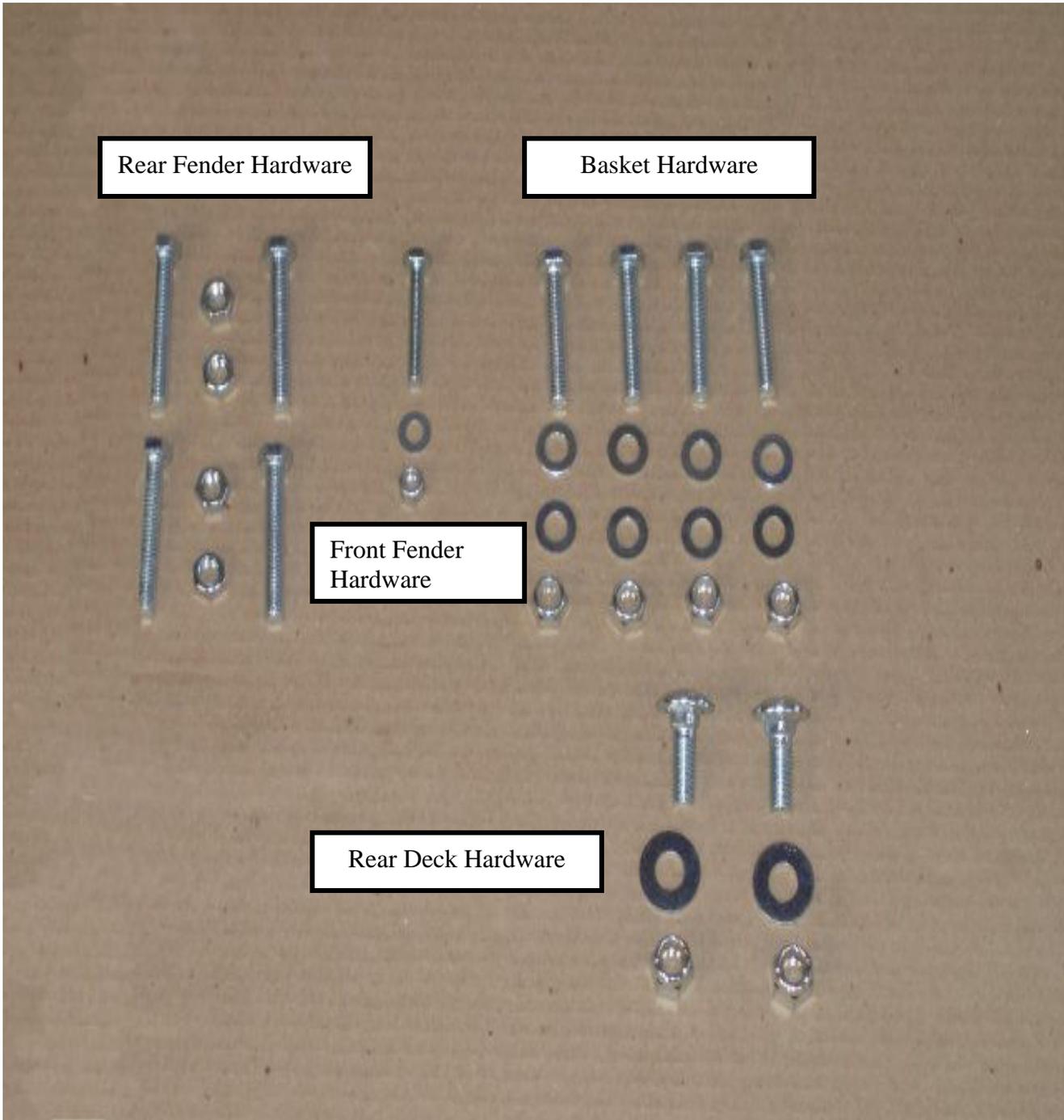
17) Installing the Bell

- a) Install the bell on either side of the handlebar, according to the preference of the rider. Remove the two Phillips head screws and the bracket, place bell on top of handlebar and clamp lower bracket under handlebar. Align and re-install the two Phillips head screws and tighten.

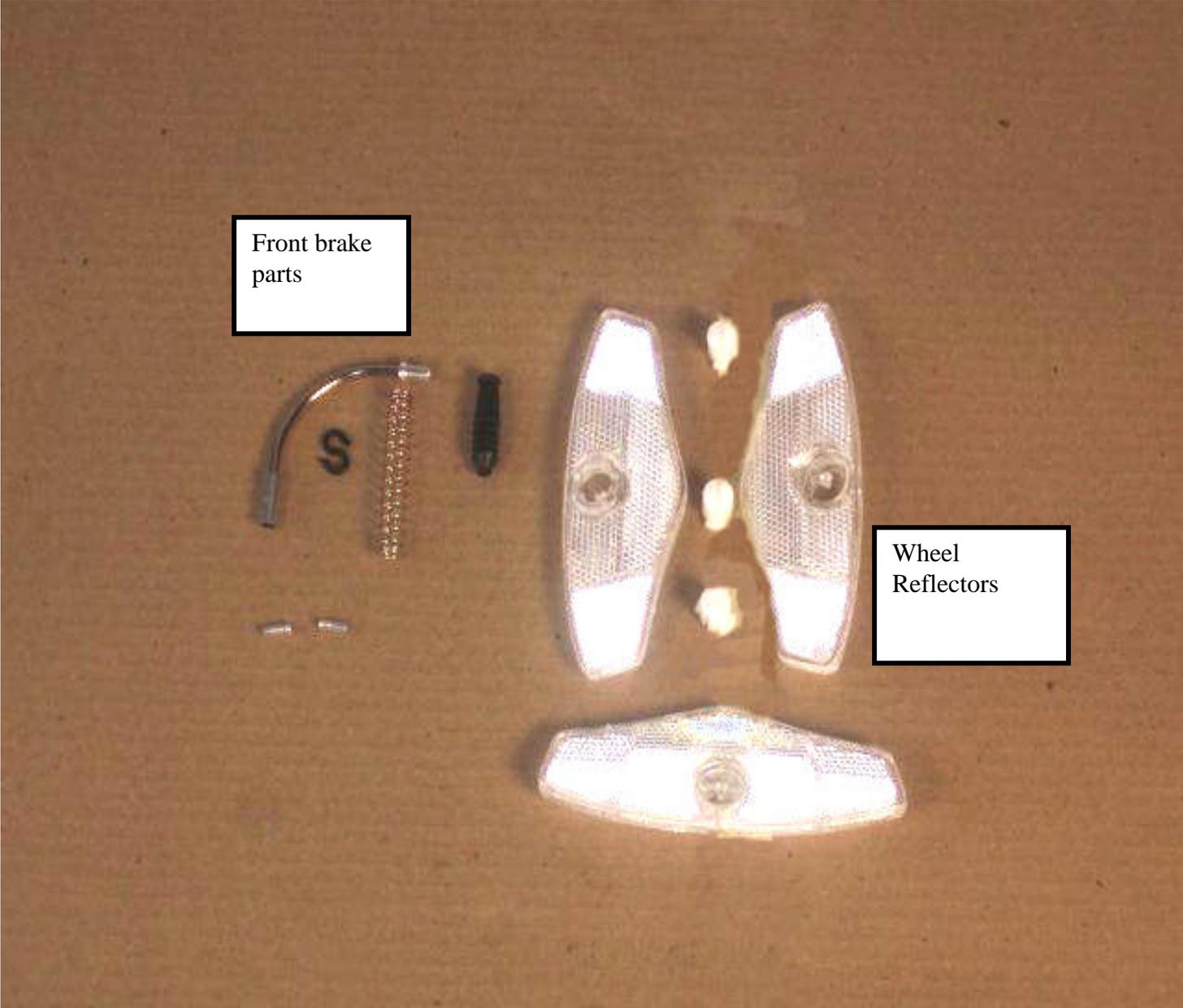
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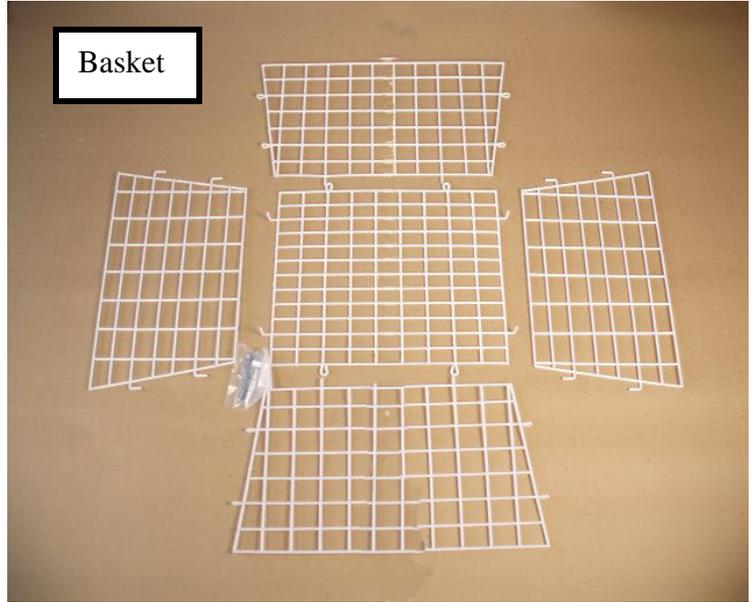
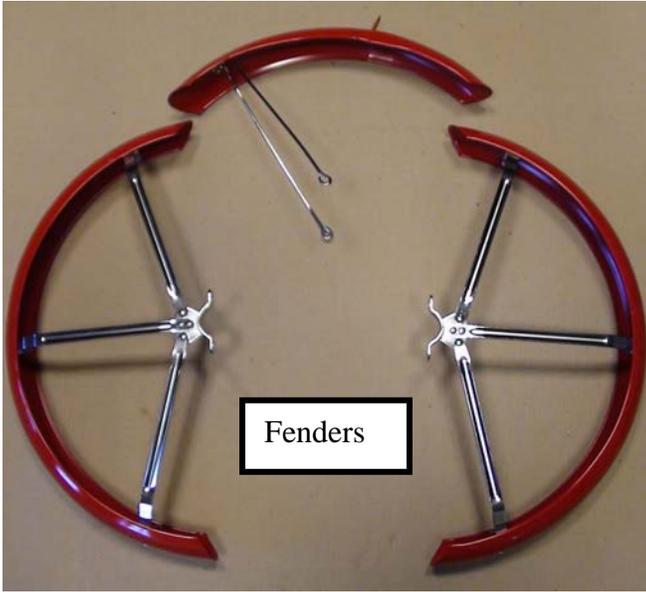
Front brake parts

Wheel Reflectors

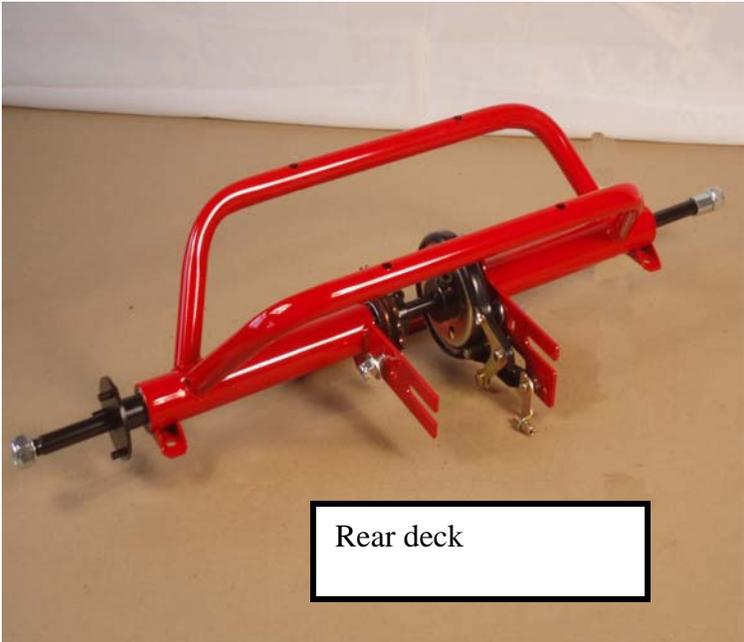
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Our goal is to provide prompt and efficient service. We try to maintain ample inventory but unusual demand will sometimes deplete our stock of an item. If due to unusual demand, our inventory of an item is depleted and the item is backordered, allow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

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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
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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:

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