



**SCHWINN**<sup>®</sup>  
EST. 1895

## **MERIDIAN OWNER'S MANUAL**

**THIS MANUAL CONTAINS IMPORTANT SAFETY, PERFORMANCE AND MAINTENANCE INFORMATION.  
READ THE MANUAL BEFORE TAKING YOUR FIRST RIDE ON YOUR TRICYCLE, AND KEEP THE MANUAL  
HANDY FOR FUTURE REFERENCE.**

**To register your bike visit [www.schwinnbikes.com/registerbike](http://www.schwinnbikes.com/registerbike)**



# Contents

<b>1 Introduction</b>		
Safety Signal Words . . . . .	2	
<b>2 Safety</b>		
User Responsibility . . . . .	2	
Protective Gear and Clothing . . . . .	3	
Riding Safety . . . . .	4	
Wet Weather . . . . .	4	
Night Riding . . . . .	5	
<b>3 Parts</b> . . . . .	6	
<b>4 Assembly</b> . . . . .	8	
Getting Organized . . . . .	8	
Initial Set-up - Attach the Handlebars . . . . .	9	
Attach the Rear Frame . . . . .	11	
Attach the Secondary Chain . . . . .	12	
Attach the Rear Wheels . . . . .	13	
Attach the Front Fender . . . . .	15	
Attach the Front Wheel . . . . .	17	
Assemble the Front Brake . . . . .	18	
Rear Brake Adjustment . . . . .	25	
Brake Locking Buttons . . . . .	27	
Attach the Rear Fenders . . . . .	28	
Assemble the Wire Basket . . . . .	29	
Attach the Wire Basket . . . . .	30	
Attach the Saddle . . . . .	31	
Attach the Pedals . . . . .	32	
Adjust the Handlebar . . . . .	33	
Adjust the Seat . . . . .	34	
<b>5 Use</b> . . . . .	35	
Pre-Ride Checklist . . . . .	35	
<b>6 Maintenance and Troubleshooting</b> . . . . .	40	
Parts Maintenance . . . . .	40	
Hub Bearings . . . . .	44	
Inflating the Tire Tube . . . . .	45	
Repairing a Flat Tire . . . . .	46	
<b>7 Warranty</b> . . . . .	47	
<b>8 Purchase Record</b> . . . . .	50	

## 1 Introduction

**This manual** contains important information regarding safety, assembly, use, and maintenance of the tricycle but is not intended to be a complete or comprehensive manual covering all aspects concerning bicycle ownership. We recommend consulting a bicycle specialist if you have any doubts or concerns regarding your experience or ability to properly assemble and maintain the tricycle.

Our customer service department is dedicated to your satisfaction with Pacific Cycle and its products. If you have questions or need advice regarding assembly, parts, performance, or returns, please contact the experts at Pacific Cycle.

**Enjoy the ride.**

**Toll free:** 1-800-626-2811.

**Customer Service hours:** 8 AM- 5 PM (Central Standard Time,CST) Monday thru Friday.

You may also reach us at:

**Web:** [www.schwinnbikes.com](http://www.schwinnbikes.com)

**Email:** [customerservice@pacific-cycle.com](mailto:customerservice@pacific-cycle.com)

**Mail:** Pacific Cycle  
PO Box 344  
Olney, IL 62450

**Do not return this item to the store. Please call Pacific Cycle customer service if you need assistance.**

## 2 Safety

### Safety Signal Words

The following safety signal words indicate a safety message. The symbol alerts you to potential hazards. Failure to follow the warning may result in damage to property, injury, or death.

#### **WARNING!**

Indicates a hazard or unsafe practice that will result in severe injury or death.

Failure to read, understand and follow the safety information in this manual may result in serious injury or death.

#### **CAUTION!**

Indicates a hazard or unsafe practice that could result in minor injury.

#### **NOTICE**

Indicates a hazard unrelated to personal injury, such as property damage.

### User Responsibility

- All persons assembling, using, and maintaining the tricycle must read and understand the safety warnings and operating instructions in this manual before using the tricycle.
- It is the responsibility of the user, or in the case of a child rider, an adult, to ensure the tricycle is in proper operating condition before each use. See the Safety Checklist in the Use section of this manual.
- A responsible adult must supervise the use of the tricycle by a child. You must ensure:
  - The child is wearing the proper protective attire and approved bicycle helmet.
  - The child is seated securely and the tricycle is properly fitted to the child.
  - The child understands applicable laws and common sense rules of safe responsible bicycling.

## Protective Gear and Clothing

Always wear proper attire when riding the tricycle, **you should wear:**

- Colors that are easily seen and, if possible, reflective clothing.
- Clothing appropriate for the weather conditions.
- Use of protective gear such as pads for the knees and elbows is highly recommended for children.
- A properly fitted, ASTM or SNELL approved, bicycle helmet shall be worn at all times by riders of the tricycle. For information regarding how to properly fit a helmet visit: <http://www.nhtsa.gov/people/injury/pedbimot/bike/easystepsweb>

**Note:** Some states have helmet laws regarding children. Always follow local or state regulations regarding helmet use.

### Do not wear:

- Loose clothing parts, strings or jewelry that may become entangled with moving parts on the tricycle or interfere with handling of the tricycle.

- Pants with loose pant legs. If necessary, always tuck pant legs into a sock or use a leg band to avoid the clothing becoming caught in the drive chain.
- Shoes with untied shoe laces.

## Use of Reflector and Lights

- Federal regulations require every bicycle over 16" to be equipped with front and rear wheel reflectors as well as pedal reflectors.
- States may require specific safety devices. Always follow state or local regulations regarding required safety devices.
- Always check the reflectors are in place before using the tricycle.
- To help enhance your visibility to automobile drivers use front and rear lights.

## Riding Safety

- Familiarize yourself with all the tricycle's features before riding. Practice gear shifts, braking, and the use of toe clips and straps, if installed.

- Always ride defensively in a predictable, straight line. Never ride against traffic.
- Concentrate on the path ahead. Avoid pot holes, gravel, wet road markings, oil, curbs, speed bumps, drain grates and other obstacles.
- Cross train tracks at a 90 degree angle or walk your bicycle across.
- Expect the unexpected (e.g. opening car doors or cars backing out of concealed driveways).
- Take extra care at intersections and when preparing to pass other vehicles.
- Maintain a comfortable stopping distance from all other riders, vehicles and objects. Safe braking distances and forces are subject to the prevailing weather conditions. Do not lock up the brakes. When braking, always apply the rear brake first, then the front. The front brake is more powerful and if it is not correctly applied, you may lose control and fall.
- Always use the correct hand signals to indicate turning or stopping.
- Obey the traffic laws (e.g. stopping at a red light or stop sign, giving way to pedestrians).

- Wear proper riding attire, reflective if possible, and avoid open toe shoes.
- Avoid wearing loose pants. If you are wearing loose pants, tuck the pant leg into a sock or use leg clips/elastic bands to prevent them from being caught in the drive chain.
- Don't use items that may restrict your hearing.
- Don't carry packages or passengers that will interfere with your visibility or control of the tricycle.

## Wet Weather

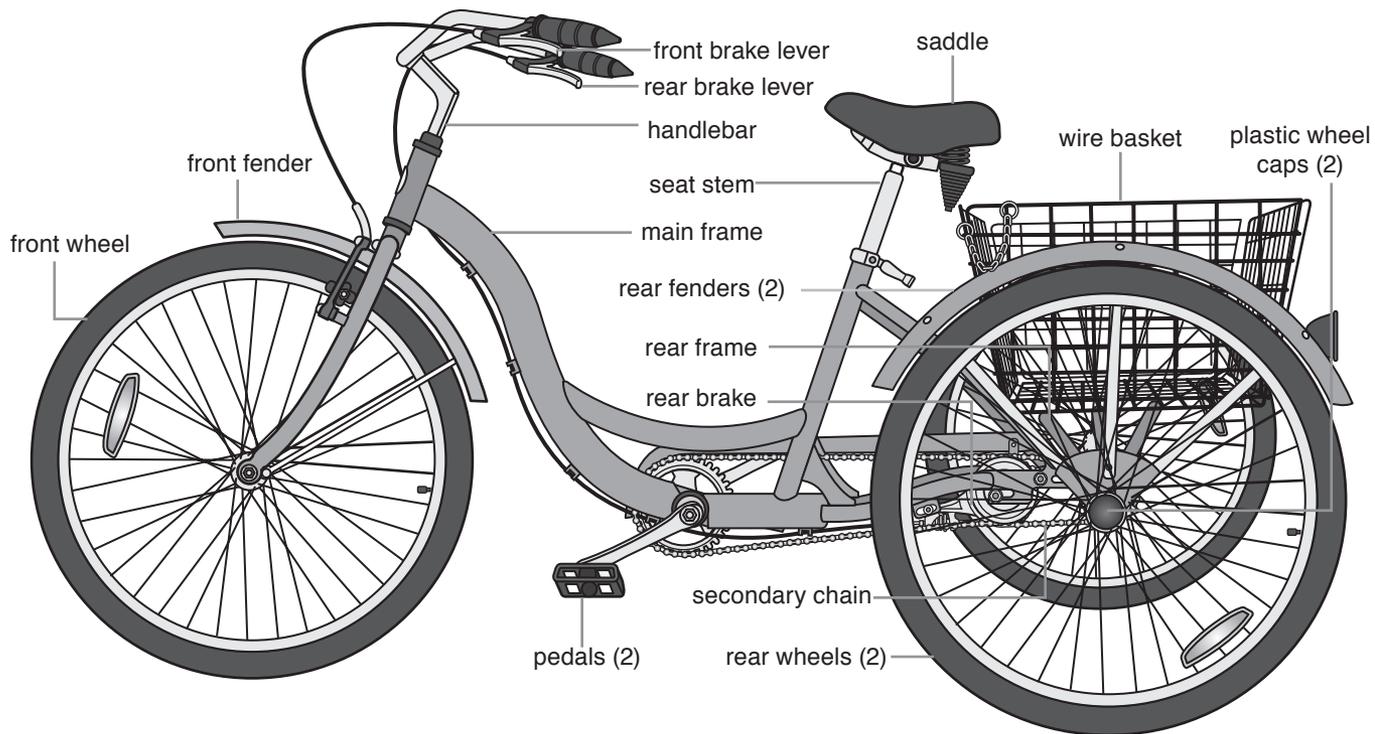
- Be aware of road conditions. Pot holes and slippery surfaces such as line markings and train tracks all become more hazardous when wet.
- Decrease your riding speed, avoid sudden braking and sharp turns.
- Braking will require additional distance. Initiate braking slowly and earlier than usual.
- Wear reflective clothing and use safety lights for increased visibility.

## Night Riding

- Riding at night is not recommended. Check with local law or regulations regarding the use of lights for night riding.
- Ensure bicycle is equipped with a full set of correctly positioned and clean reflectors.
- Use a white light on the front and a red light on the rear. If possible, use lights with flashing capability. Flashing lights enhance visibility.
- If using battery powered lights, make sure batteries are well charged.
- Wear reflective and light colored clothing.
- Slow down and use familiar roads with street lighting.
- Ride at night only if necessary.

### 3 Parts

Before assembly check and see that all the parts are included. If parts are missing or damaged call customer service toll free at **1-800-626-2811**.



## 4 Hardware

### Handlebar Hardware

 stem wedge cap

### Frame Assembly Hardware



4 nuts 4 washers

### Secondary Chain Hardware

secondary chain



2 master links

### Front Wheel Axle Hardware



2 nuts

### Rear Wheel Axle Hardware



2 plastic caps

2 nuts

2 washers

### Basket Hardware



4 bolts

4 washers

### Rear Fender Hardware



## 5 Assembly



### WARNING!

Improperly assembly of the tricycle may result in unexpected product performance and serious injury or death. Assemble the tricycle according to the instructions in this manual or have a professional bicycle mechanic assemble the tricycle.

### Getting Organized (Two-Person Assembly Required)

The following tools and items are needed for assembly:

- Phillips head screw driver (minimum four inch shaft)
- 5 mm, 6 mm Allen keys
- Adjustable wrench or 10 mm, 15 mm, and 17 mm open and box end wrenches
- Needle nose pliers with cable cutting ability
- Grease (Automotive or anti-slip copper grease)

## Initial Set-up - Attach the Handlebars

**Parts:** Handlebar, main frame

**Hardware:** The stem wedge bolt and binder bolt come attached to the handlebar. Stem wedge bolt cap.

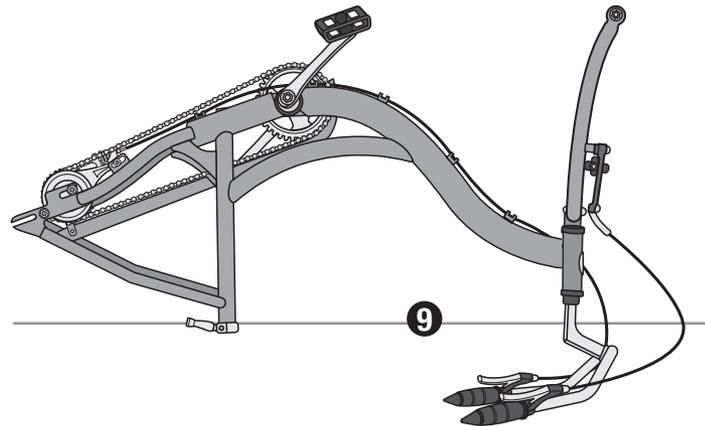
**Tools:** 6 mm allen wrench, grease

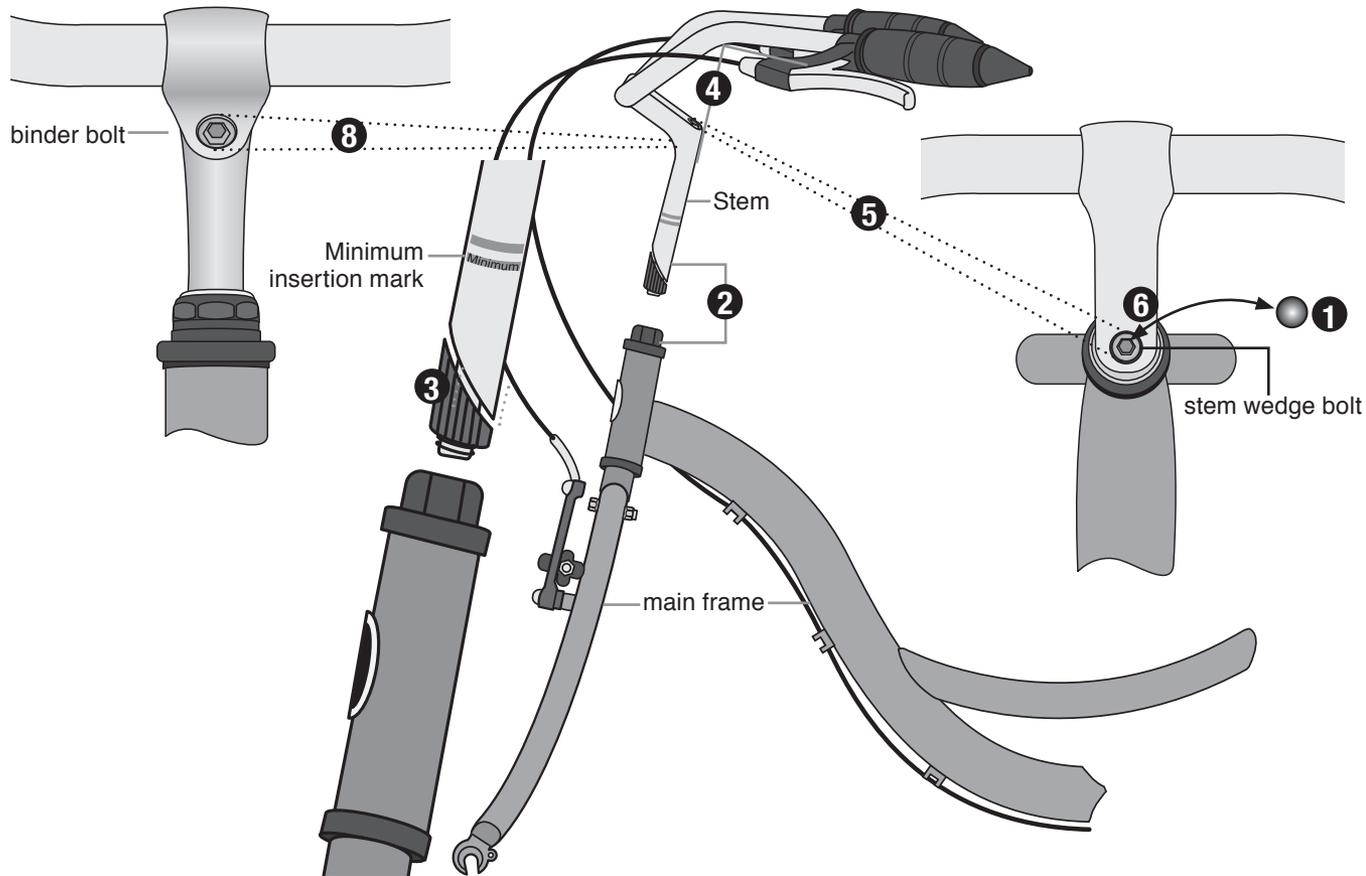
1. Position fork so the front brake is facing the front of the bike. Make sure the brake cables are not tangled or twisted. Refer to photo on Page 10.
2. Remove the cap covering the stem wedge bolt.
3. Apply a light layer of grease to the stem and frame head tube.
4. Insert the stem of the handlebar into the frame head tube until the **Minimum Insertion** mark is not visible. If necessary, unscrew the stem wedge bolt until there is play in the stem wedge.

### NOTICE

The stem may break or damage may occur if the stem is not inserted the minimum amount. Insert the stem until the **Minimum Insertion** mark is not visible.

5. Rotate the handle bar so it is **square** with the fork.
6. Tighten the stem wedge bolt to lock the stem in place.
7. Replace the cap onto the stem wedge bolt.
8. Loosen the handlebar binder bolt and rotate the handlebar into the riding position.
9. Using the 6 mm allen wrench, tighten the handlebar binder bolt until the handlebar is locked in place.
9. Turn the tricycle assembly over so it rests on the handlebar and main frame.





## Attach the Rear Frame

**Parts:** rear frame, main frame

**Hardware:** 4 nuts, 4 square bolts, 4 washers, come attached to the frame. **Remove the nuts and washers only.**

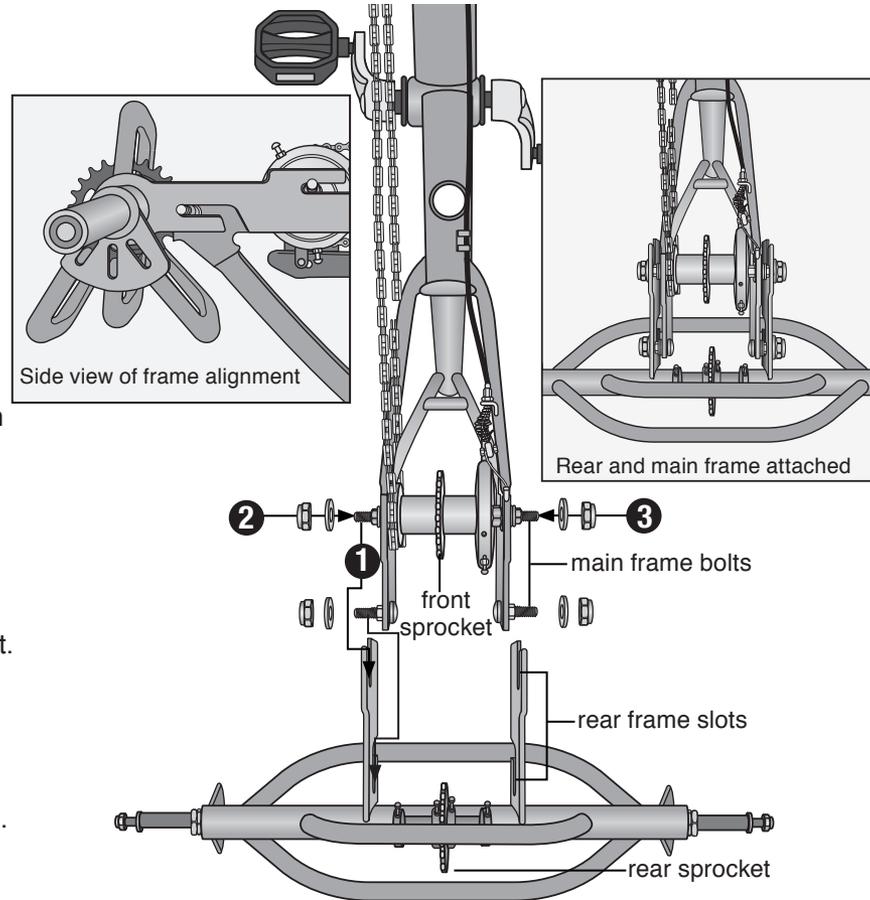
**Tools:** None required.

1. Attach the rear frame to the main frame of the tricycle. Slide the U-shaped slot at the end of the rear frame onto the bolts next to the chain on the main frame. At the same time align the L-shaped slots of the rear frame with the bolts at the rear of the main frame.

2. Slide a washer over the end of a bolt and fasten a nut to the end of the bolt.

**Note:** Do not tighten the nuts at this time. This will be done after the secondary chain is attached.

3. Repeat step 2 on the remaining bolts.



## Attach the Secondary Chain

**Parts:** secondary chain, frame assembly

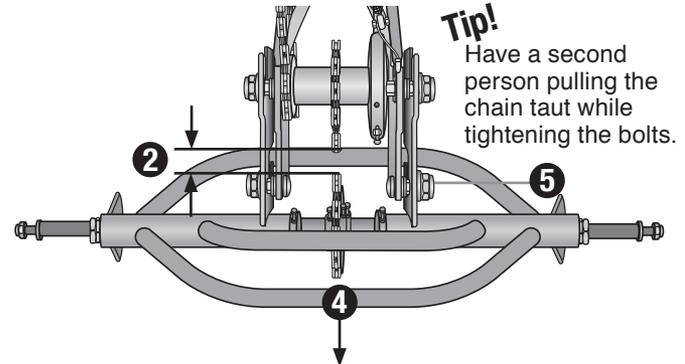
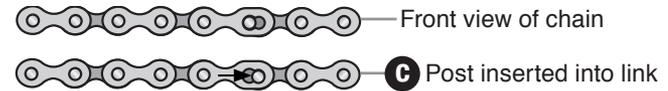
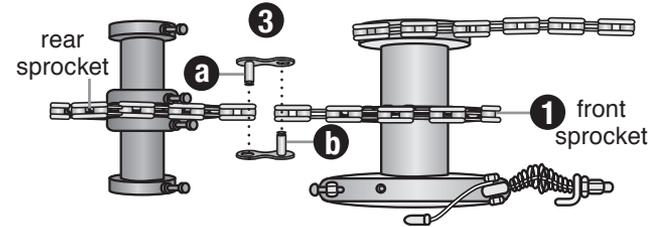
**Hardware:** 2 master links

**Tools:** 17 mm open and box end wrench.

1. Wrap the secondary chain around the front sprocket on the rear hub and rear sprocket on the rear axle.
2. Adjust the position of the rear frame until the ends of the secondary chain meet each other, leaving one chain link length space in between the ends.
3. To connect the two ends of the chain:
  - a. Insert the post of a master link through the hole on the end of the secondary chain link.
  - b. Insert the post of the other master link through the opposite end of the secondary chain, and on the opposite side of the chain.
  - c. Pull the chain so the posts are inserted into the smaller hole of the master chain.
4. Pull the rear frame back so the secondary chain is taut and there is less than 5 mm of play up or down.

**Important!** Be sure the rear frame is perpendicular to main frame. Failure to square the frames will affect performance of the tricycle.

5. Firmly tighten the four bolts holding the rear frame to the main frame. Tighten nuts to 240in-lbs.



## Attach the Rear Wheels



### WARNING!

Failure to properly tighten the nuts holding the wheels onto the tricycle may result in poor riding performance, the tire falling off and serious injury or death. Always be sure the wheels are securely attached to the frame before using the tricycle.

**Parts:** Drive wheel, non-drive wheel

**Hardware:** 2 plastic caps, 2 locknuts, 2 washers.

**The locknuts come attached to the axle.**

**Remove the locknuts before you begin this procedure.**

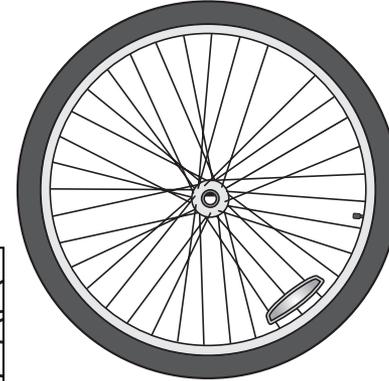
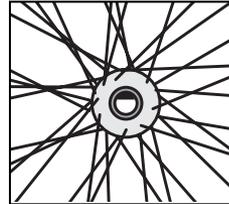
**Tools:** 17 mm open and box end wrench

See the facing page for diagrams of the following steps.

1. Place the drive wheel (with a half-moon opening) on the axle.
2. Place the washer on the axle.
3. Place the locknut on the axle and tighten securely.

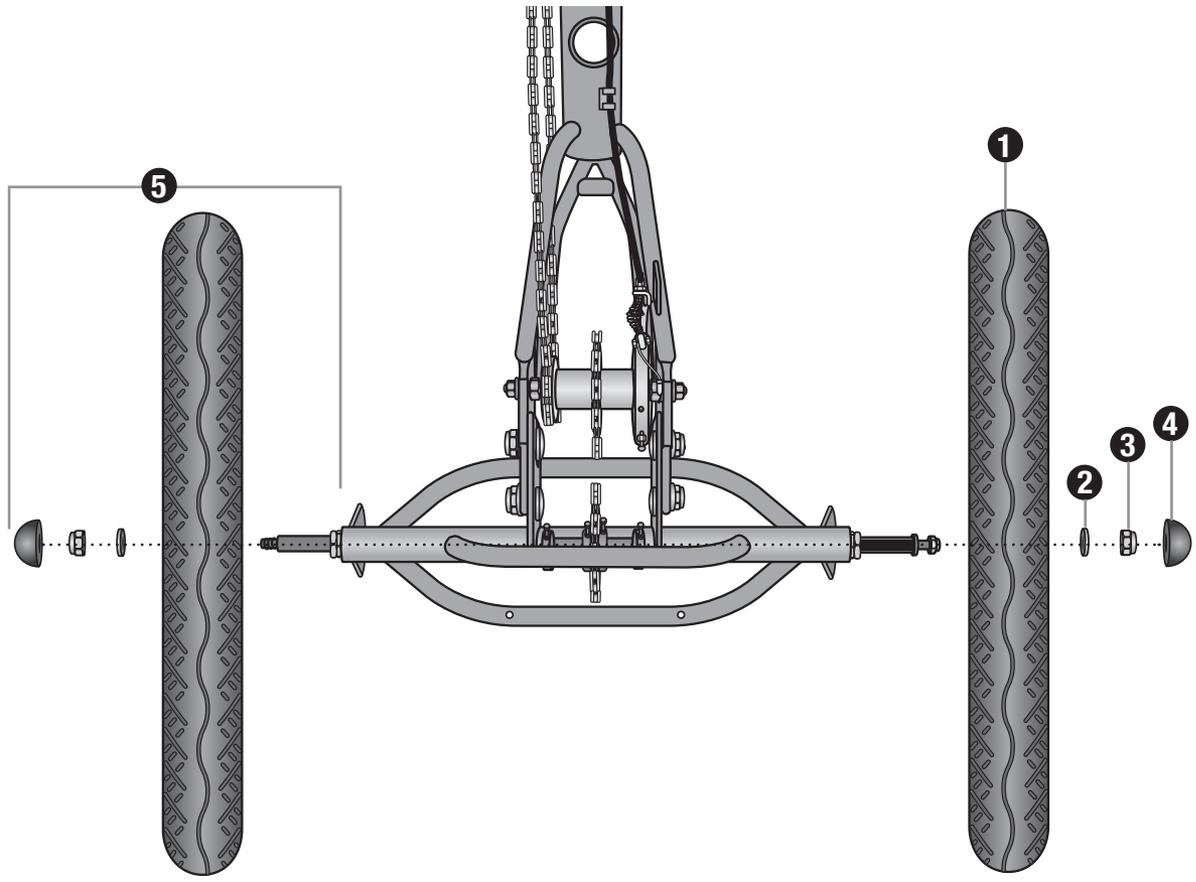
4. Screw the plastic caps on each end of the axles.

**Note:** The **drive wheel** hub has a half-moon opening that matches the half-moon axle.



5. To attach the non-drive wheel repeat steps 1-4.

**Note:** To prevent the axle from turning while attaching the non-drive wheel, it is important to hold the drive wheel while tightening the locknut on the non-drive wheel.



## Attach the Front Fender

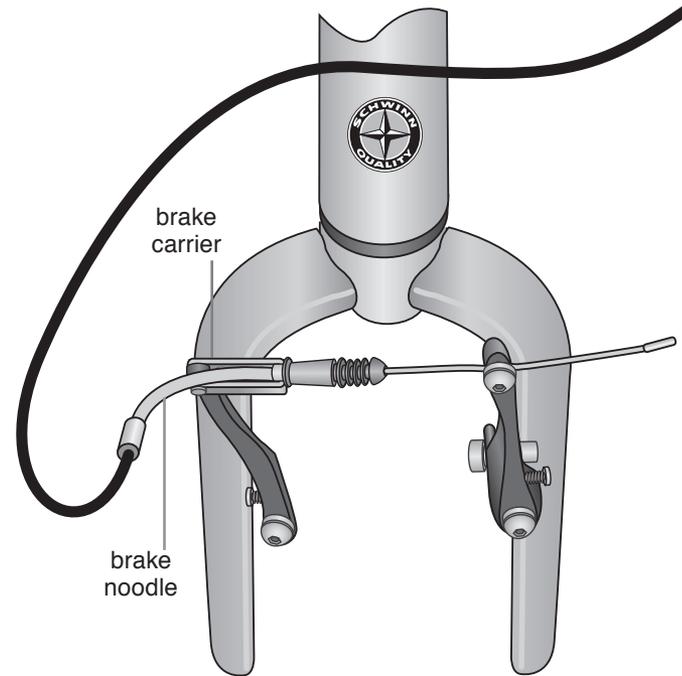
**Parts:** Front fender, main frame

**Hardware:** washer, long screw, small screw,

**Tools:** Phillips head screwdriver or 10mm hex wrench

See the facing page for diagrams of the following steps.

1. Remove the fork protector (not shown).
2. Lift the brake noodle and cable out of the brake carrier.
3. Remove the fender hardware from the fork (bolt, washer).
4. Position the front fender so the attachment bar is on the inside of the main frame, and aligns with the threaded screw hole of the fork.

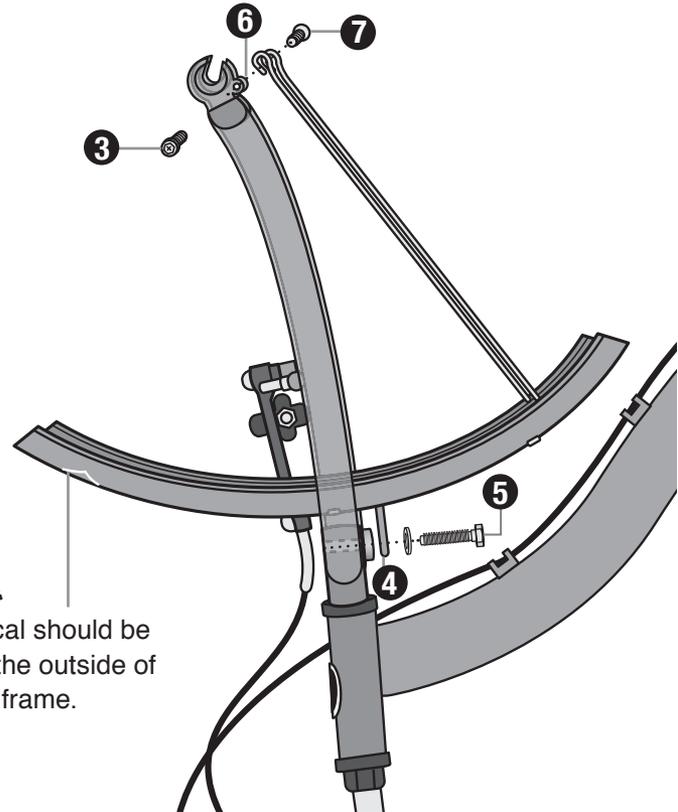


5. Place a washer on the large screw and slide it through the fender attachment bar, and into the threaded hole in the fork.
6. Align the fender braces with the small hole on the ends of the fork.
7. Loosely screw the fender braces to the fork.

**Note:** The fender will be positioned and firmly fastened *after* the front tire is attached.

**Tip!**

Decal should be on the outside of the frame.



## Attach the Front Wheel



# WARNING!

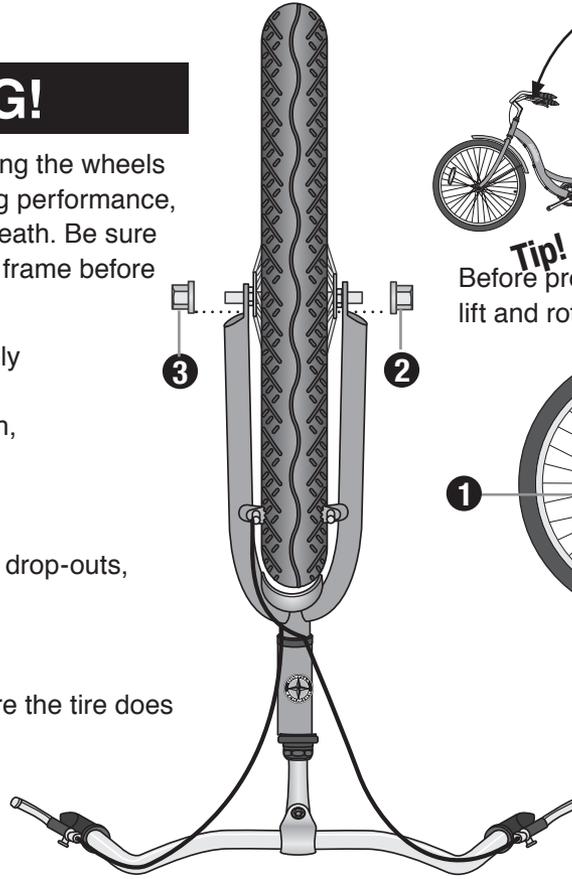
Failure to properly tighten the nuts holding the wheels onto the tricycle may result in poor riding performance, the tire falling off and serious injury or death. Be sure the wheels are securely attached to the frame before using the tricycle.

**Parts:** Front wheel, main frame assembly

**Hardware:** 2 large nuts, 2 washers

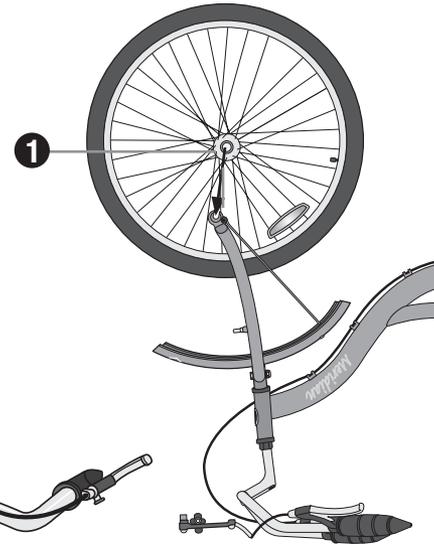
**Tools:** 15 mm open and box end wrench,  
Adjustable Pliers

1. Loosen nuts on the front wheel axle.
2. Place the front wheel axle in the fork drop-outs, making sure the wheel is centered.
3. Tighten nuts to 240in-lbs.
4. Tighten fender hardware, making sure the tire does not rub on the fender.



**Tip!**

Before proceeding to the next step, lift and rotate the tricycle.



## Assemble the Front Brake

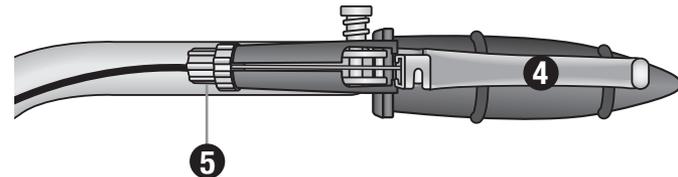
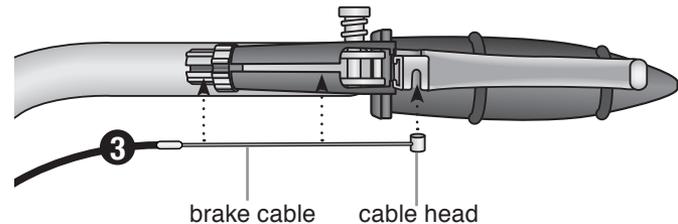
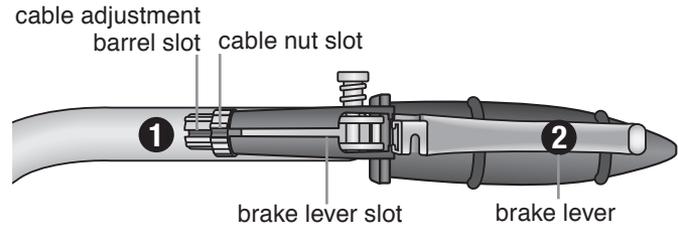


### WARNING!

Failure to properly set the brakes may result in the inability to stop the tricycle movement and cause serious injury or death. Be sure the brakes are functioning properly before using the tricycle.

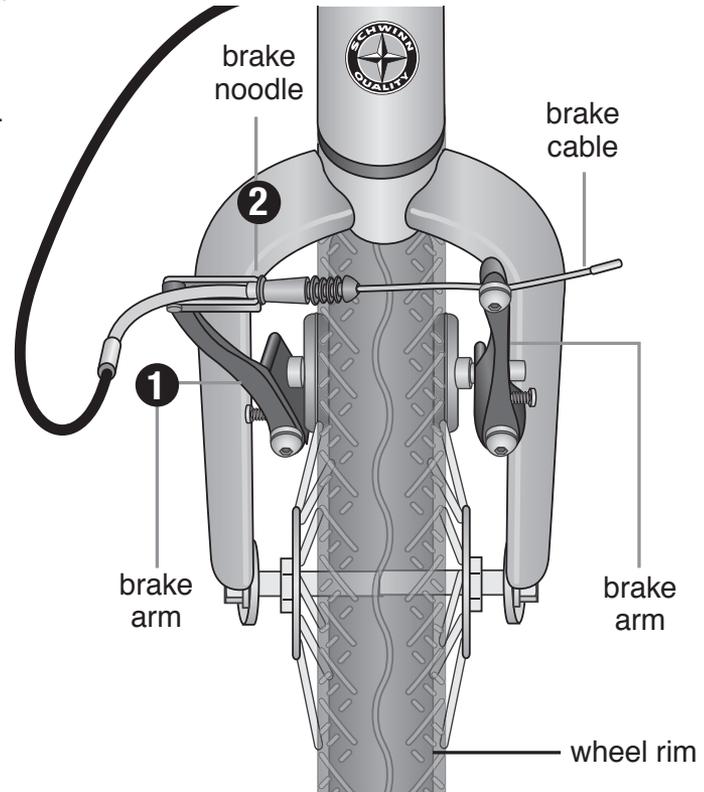
**Note:** The tricycle is shipped with the brake cable attached to the brake lever. Follow these steps if there is a need to re-attach the brake cable to the brake lever:

1. Rotate the cable adjustment barrel and cable nut until the slots are aligned with the slot on the brake lever body.
2. Press the brake lever towards the grip.
3. Slide the brake cable through the slots and place the cable head into the brake lever.
4. Release the brake lever.
5. Lightly pull on the cable, and rotate the cable nut and cable barrel so they are no longer aligned.



## Attach the Brake Noodle to the Brake Carrier

1. Squeeze the two brake arms together until the brake pads touch the wheel rim.
2. With your opposite hand, pull the brake cable and insert the end of the brake noodle into the brake carrier.

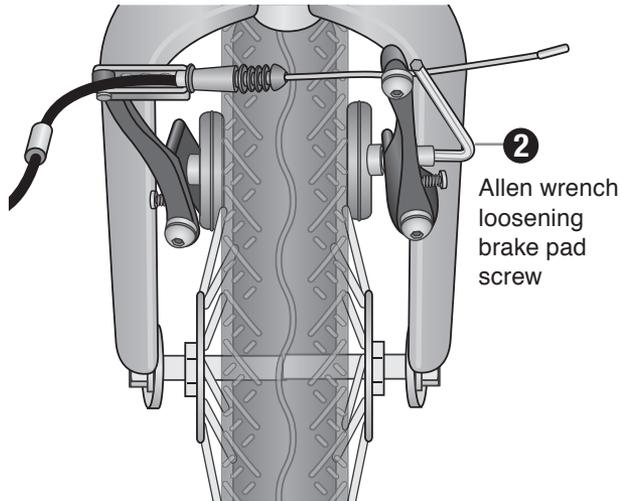


## Aligning the Brake Pads

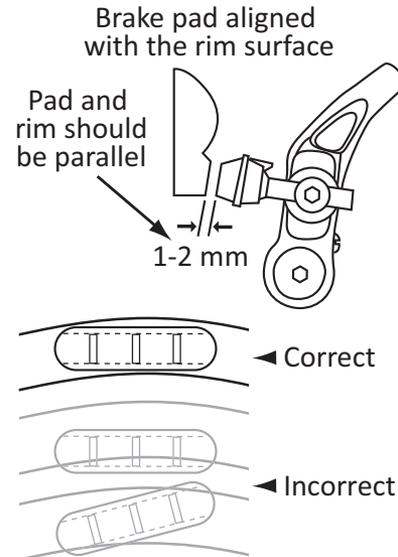
**Tools:** 5 mm Allen wrench

Pad alignment should be done before centering. Improper alignment can cause centering issues. For example the pad could be touching the tires or part of the pad may be contacting the rim.

1. Check for proper brake pad alignment on the wheel rim. If necessary, adjust the position or rotation of the pads.



2. Using a 5 mm Allen wrench, loosen the screw holding the pad.
3. Move and rotate the pad so it is centered on the rim and parallel with the ground.
4. After properly positioning the pad tighten the screw.



## Centering the Brake Pads

If you squeeze the brake lever and one brake arm moves more than the other, (or not at all), the brake is not centered. You will need to fine tune the brake pads. Multiple adjustments may be necessary to center the brake pads, correctly set the brake pressure, and set the gap between the brake pad and rim.

**Tools:** 15 mm open and box end wrench,  
adjustable pliers, 5 mm allen wrench,  
Phillips Head screwdriver

See the facing page for diagrams of the following steps.

1. Rotate the wheel and look straight down at the brake pads. If you find the gap between the rim and brake pads is uneven, it indicates the wheel or brake pads are not centered.
2. Check if the wheel is centered.
3. Rotate the wheel and observe if the gap between the fork and wheel is uneven. If it is, loosen the axle nuts and adjust the wheel until centered.
4. If the gap between the wheel and brake pad is uneven, adjust the position of the brake pad.

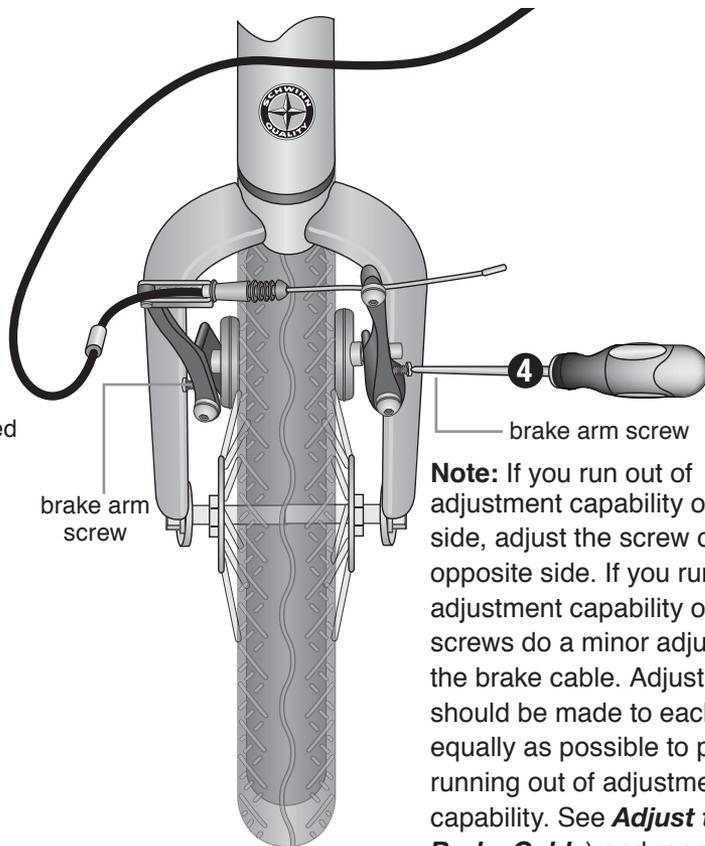
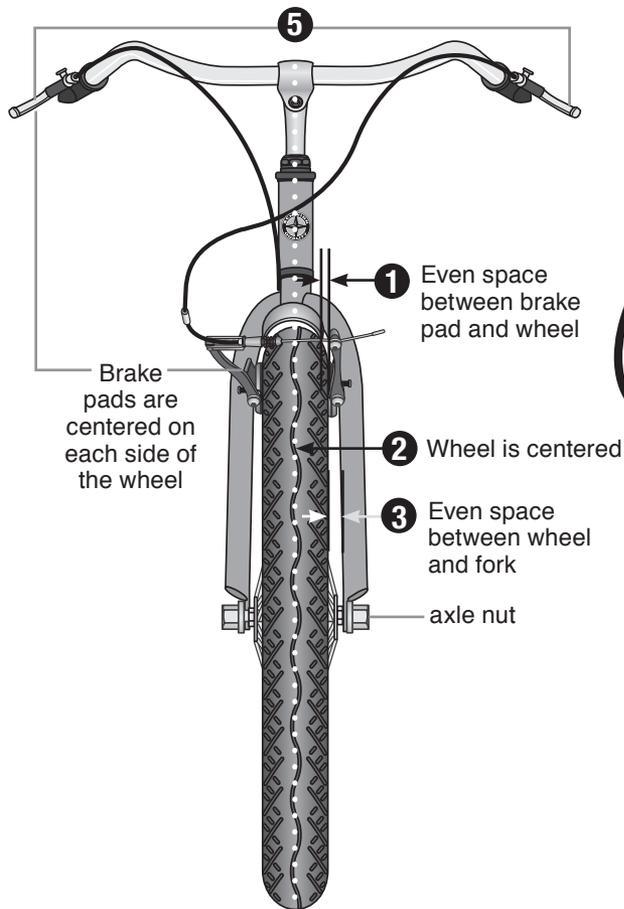
Using a Phillips head screwdriver, adjust the brake arm screws on either side of the brake arm.

**Note:** Turning the screw **counterclockwise** moves the pad away from the rim. Turning the screw **clockwise** moves the pad towards the rim.

Start with the side where the pad is closest to the rim or is not moving properly. Turn the screw to move the pad towards or away from the rim.

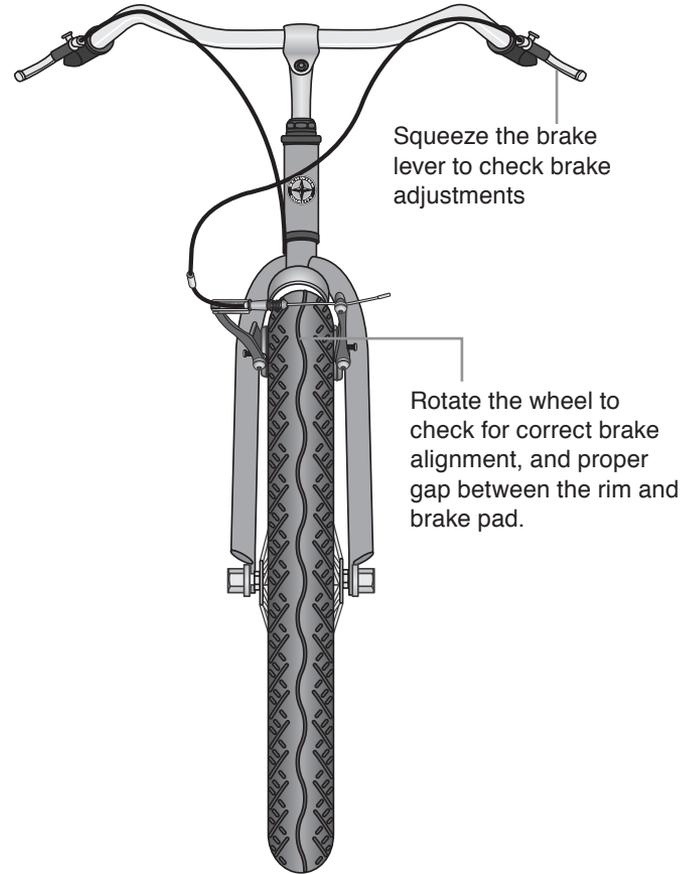
Adjustments to these screws should be made in small increments, one-quarter to one-half turn then checked by activating the brake lever three to four times after each adjustment. If you continue to adjust the screw until you have noticeable movement you will run out of adjustment.

5. Pull and release the brake lever a few times and check if the pads are centered.
6. If necessary, repeat steps 1 and 2 until the brake pads are centered and the gap between the pads and rim is between 1-2 mm.



## Front Brake Adjustment Checks

1. Squeeze the brake lever as hard as you can several times to determine the cable is securely attached and the brake pads return to the center position.
2. Squeeze on the brake lever and check the brake cable tension allows the brake lever to travel about one-third of the way towards the handlebar when the brake pads make contact with the rim.
3. Check that both brake pads move evenly when the brake lever is squeezed and retract completely when the brake lever is released.
4. Rotate the wheel and check the gap between the brake pads and rim is 1-2 mm.



## Check the Rear Band Brake System



### WARNING!

Failure to properly set the brakes may result in the inability to stop the tricycle movement and cause serious injury or death. Always check the brakes are functioning properly before using the tricycle.

### NOTICE

Lubricating the drum can cause faulty braking.

**Tools:** 10 mm wrench or adjustable wrench.

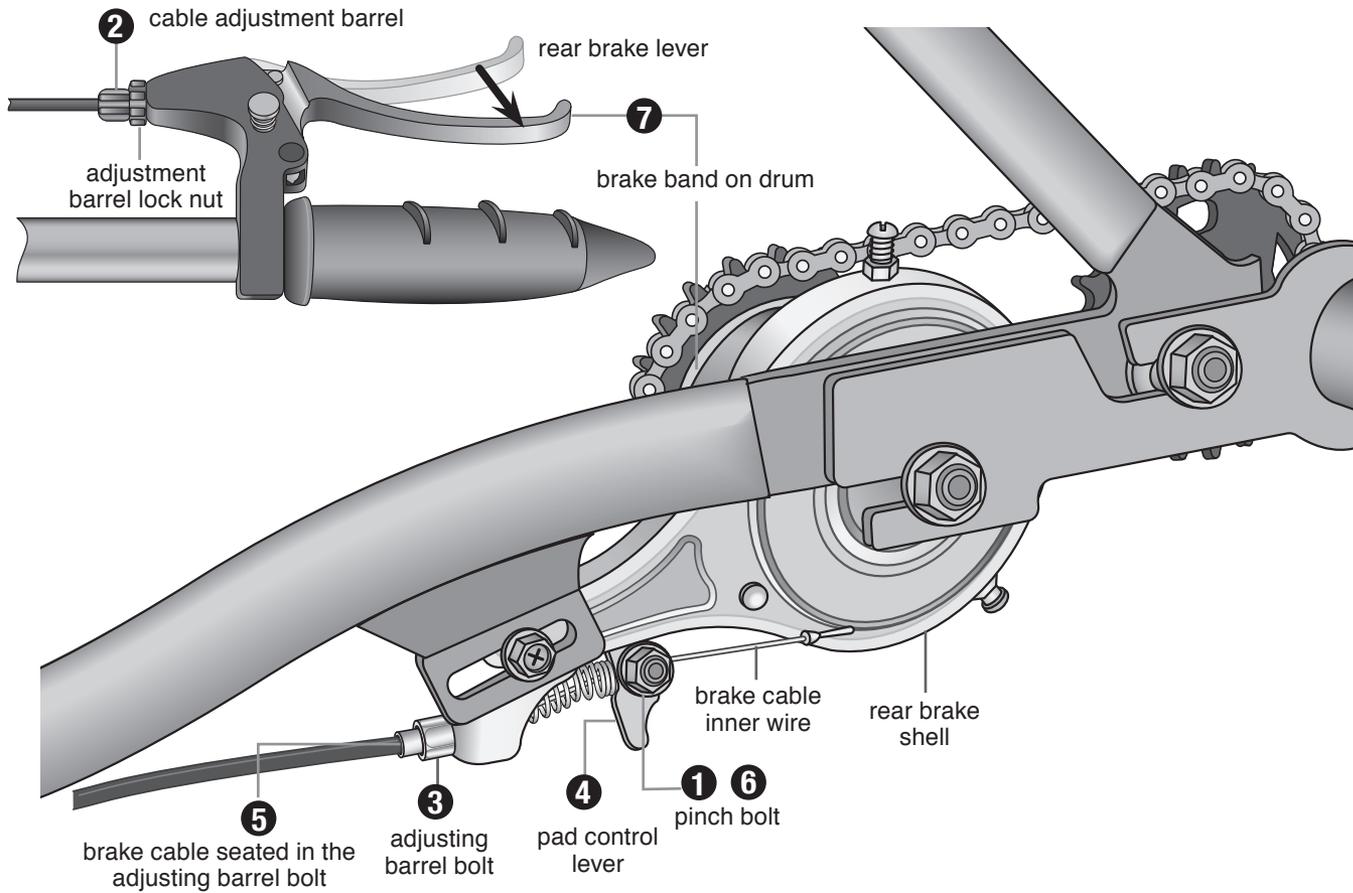
The tricycle is shipped with the rear brake assembled and connected. If the brake cable is not attached to the brake lever see **Attach the Front Brakes** for the steps to re-attach the cable and lever.

If the brake cable is disconnected at the brake arm, pull the brake cable taught and connect it to the brake arm by tightening the cable anchor bolt as described on page 17.

The rear brake is a band brake system. Follow the steps to adjust the rear brake:

1. Loosen pinch bolt on pad control lever with a 10 mm open ended or adjustable wrench.
2. Loosen the cable adjustment barrel on the brake lever two turns and tighten the adjustment barrel lock nut.
3. Loosen the adjusting barrel bolt three full turns.
4. Push the pad control lever toward the front of the bike and hold it there with one hand
5. Use the other hand to pull the brake cable tight making sure that the cable housing remains seated in the adjusting barrels.
6. Retighten the pinch bolt on the pad control lever using 10 mm open ended or adjustable wrench.
7. Press the brake lever until the brake band contacts the drum. This should occur when the brake lever is about one third of the way to the handle bar.

**Important!** Brake band will wear over time. Turn the adjusting barrel to compensate for brake band wear. Replace the brake band before it is completely worn.



## Brake Locking Buttons

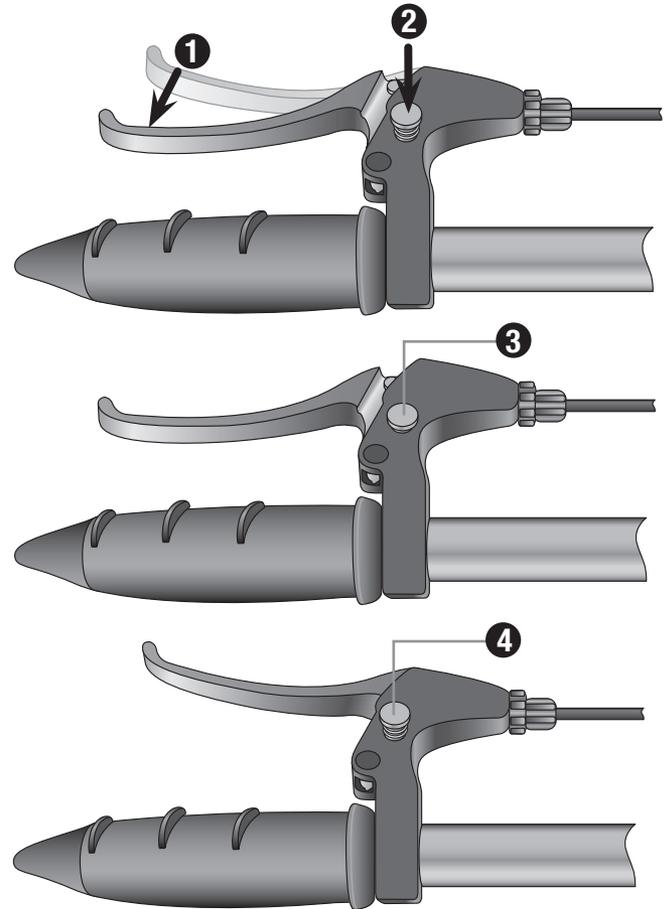
Both the rear and front brake handles are equipped with brake locking buttons. The purpose of the brake locking button is to keep your tricycle from rolling when you have it parked.

To **lock** the brakes:

1. Squeeze the brake lever tight.
2. While holding the brake lever closed, press down on the brake lever button.
3. Release the brake lever while holding down on the brake lever button. The brake will now be in the **locked** position.

To **unlock** the brakes:

4. Squeeze the brake lever tight and release. The brake should now be **unlocked**.



## Attach the Rear Fenders

**Parts:** Rear Fenders, rear frame

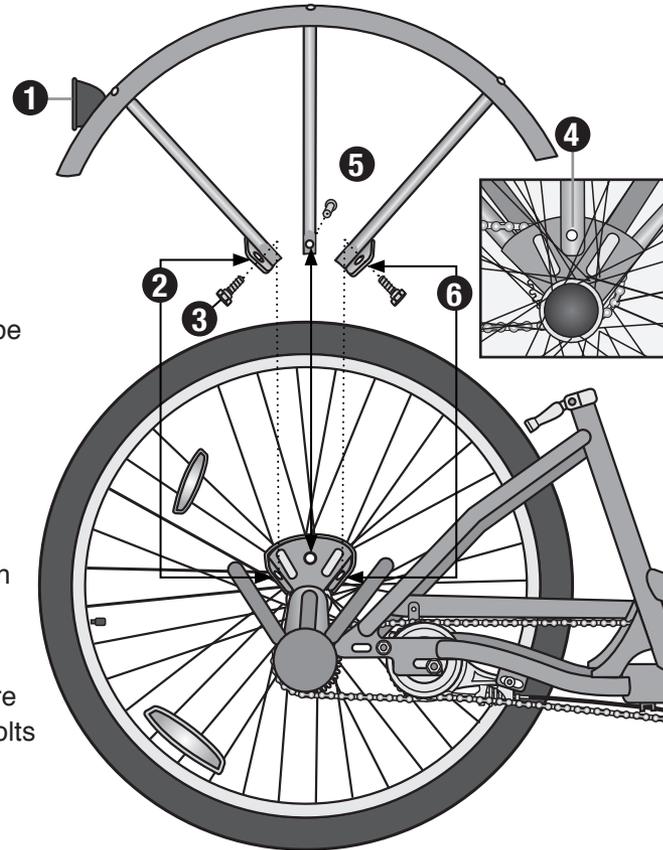
**Tools:** Phillips Head screwdriver or 10mm box wrench  
(minimum 4" shaft)

**Hardware:** 3 small screws

**The hardware comes attached to the frame. Remove the hardware before you begin this procedure.**

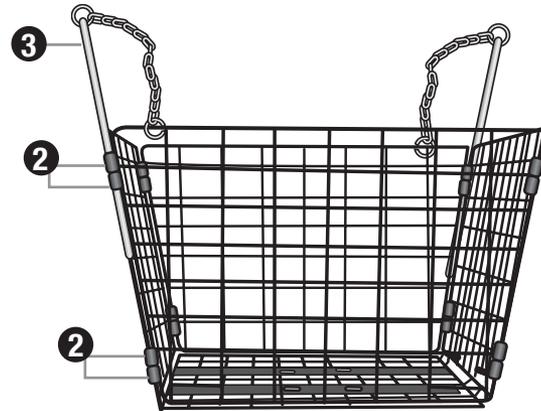
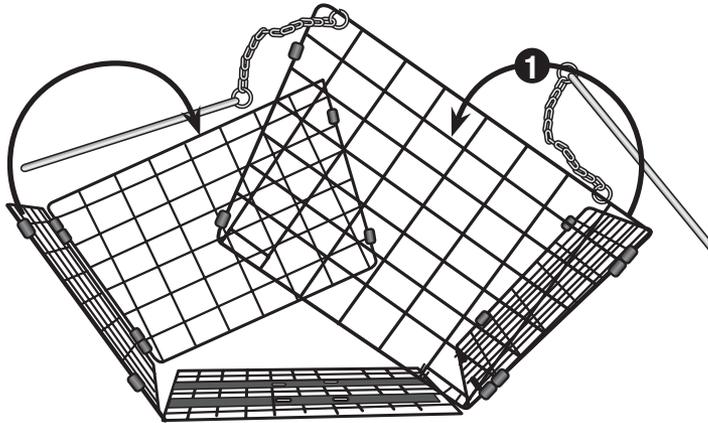
1. Position the fender so the rear reflector is facing away from the bike.
2. Align the slots on the fender tabs with the slots on the rear frame tabs. **Note:** The tabs on the fender should be on the outside of the tabs on the rear frame tabs.
3. Working from the inside of the wheel, fasten 2 screws through the side holes of the fender tab into the rear frame tabs. Do not tighten securely.
4. Rotate the rear wheel until there is adequate space for the Phillips Head screwdriver or 10mm wrench to reach through the spokes to the center fender hole. Attach screw but do not tighten securely.
5. Pull the fender upwards away from the tire to make sure the tire has proper clearance. Securely tighten the 3 bolts to hold the fender in place.

6. Repeat steps 1-5 for the second fender.



## Assemble the Wire Basket

1. Fold the basket sides up.
2. Align the rings located on two corners of the basket.
3. Insert the pins on the end of the chain through the rings on the corners of the basket.



## Attach the Wire Basket



# WARNING!

Basket should not be used to carry people or pets.

**Parts:** Wire basket, rear frame

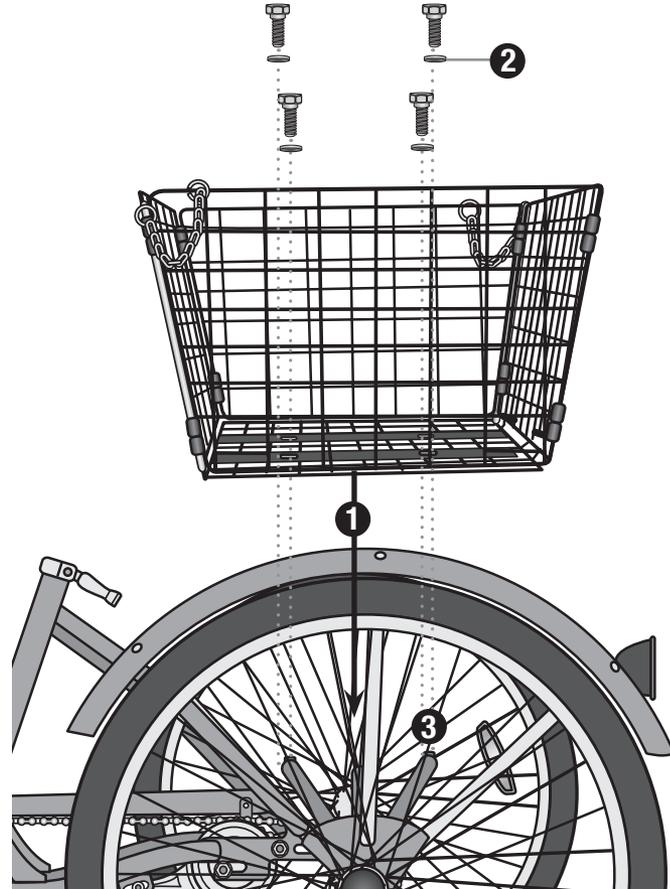
**Tools:** Phillips Head screwdriver

**Hardware:** 4 screws, 4 washers **The hardware comes attached to the frame. Remove the hardware before you begin this procedure.**

1. Place the wire basket on the rear frame and align the slots on the basket with the threaded screw holes in the frame.

**Note:** The slots on the wire basket are positioned so the basket can only be attached one way. If the slots do not line up properly rotate the basket 180 degrees.

2. Insert a washer onto the screw.
3. Insert the screw and washer through the basket slots onto the threaded screw hole on the rear frame.
4. Repeat steps three and four for the remaining washers and screws.



## Attach the Saddle

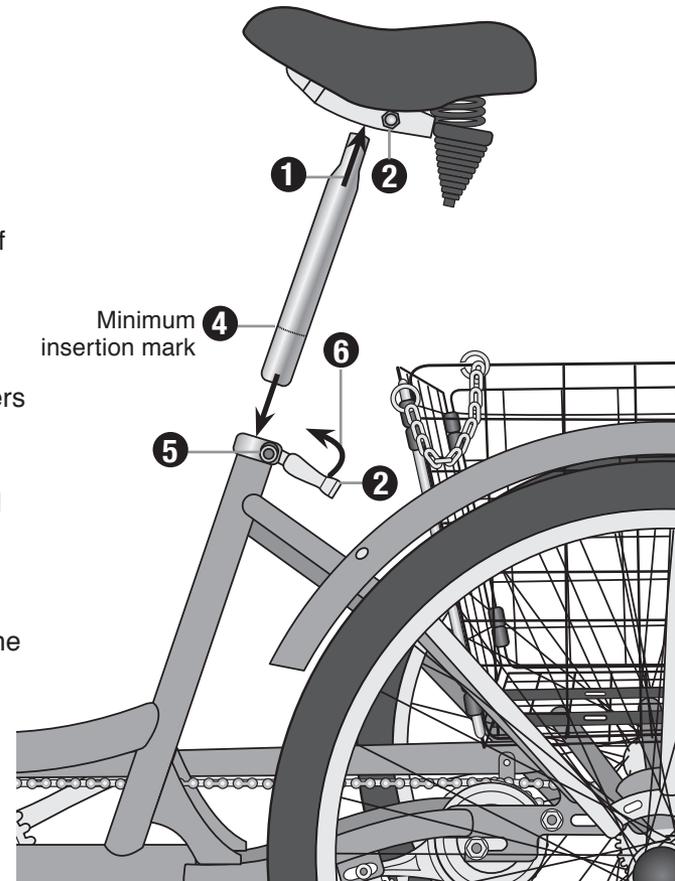
### **WARNING!**

Insufficient locking pressure on the seat stem may result in the seat slipping, loss of control and serious injury or death. Be sure the seat is locked and capable of supporting the weight of the rider before using the tricycle.

**Parts:** Saddle, saddle stem

**Tools:** 14 mm open and box end wrench, Adjustable Pliers

1. Place the saddle on the saddle stem.
2. Tighten the nuts on each side of the saddle stem until the saddle is securely attached to the stem.
3. Release the quick release clamp.
4. Place the saddle stem into the frame seat tube until the **Minimum Insertion** mark is not visible.
5. Turn the adjusting nut until there is sufficient pressure to hold the seat in place when the quick release lever is closed.
6. Close the quick release clamp.



## Attach the Pedals

**NOTICE:** Attaching a pedal to the incorrect side can strip the pedal threads and cause irreparable damage. Visually match the **R** and **L** stickers on the pedal and crank arm before attaching the pedals.

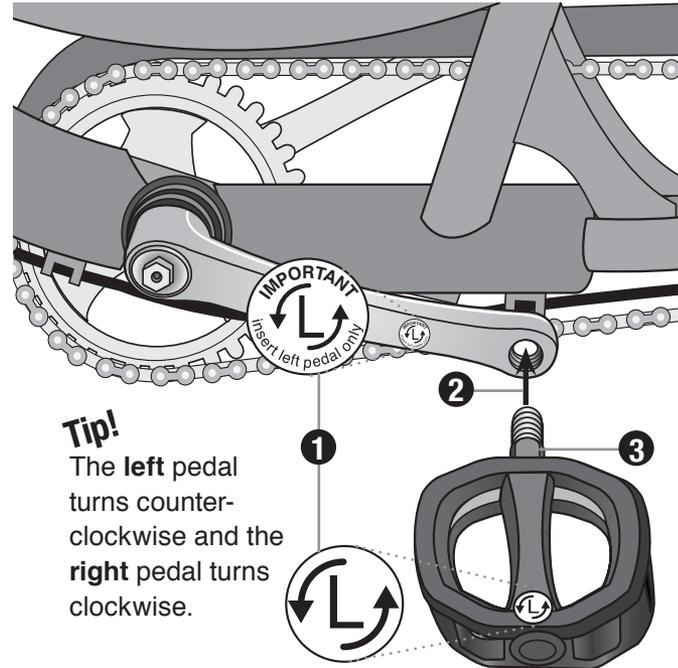
**Parts:** Left and right pedals, crank arms

**Tools:** 15mm open and box end wrench, Adjustable Pliers

1. Match the pedal marked **R** with the right-hand crank arm, and match the pedal marked **L** with the left-hand crank arm.
2. Place the threaded pedal into the threaded hole on the crank arm.
4. By hand, slowly turn the spindle toward the front of the bicycle. Clockwise for right side pedal, counterclockwise for left side pedal.

**Important!** Stop if you feel resistance! This may be an indication the spindle is entering the hole at an angle. Remove the spindle and redo step 4.

5. If the spindle is entering the hole cleanly then use a 15 mm wrench or pliers to tighten completely.
6. Repeat steps 2-5 for the opposite pedal.



## Adjust the Handlebar

### **WARNING!**

Failure to firmly tighten the handlebar stem wedge bolt, handlebar binder bolt, seat stem, and bar end extension clamping bolts may cause a sudden shift of the handlebar or seat and result in loss of control, falling, serious injury or death. Be sure the stem wedge bolt, handlebar binder bolt, seat stem, and bar end extension clamping bolts are firmly tightened before using the tricycle.

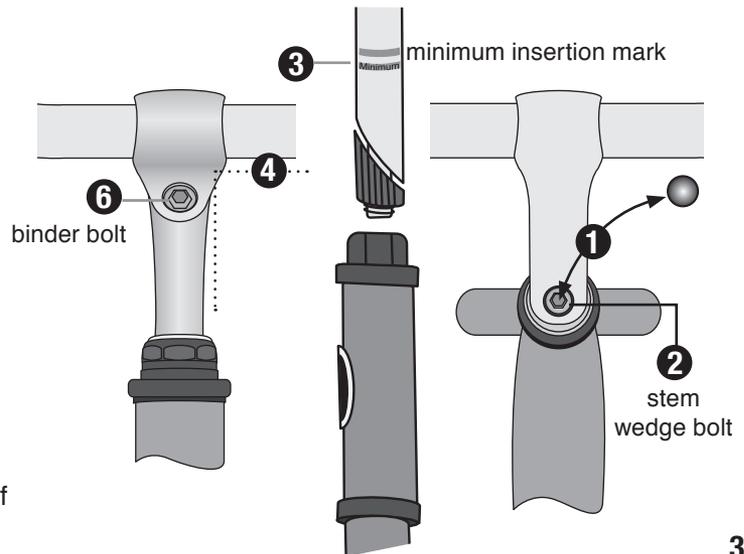
Adjust the handlebar height and angle so the rider is comfortable and has complete control.

Follow these steps to adjust the handlebar:

**Tools:** 6 mm allen wrench

1. Remove the cap covering the stem wedge bolt.
2. Unscrew the stem wedge bolt until the pressure on the stem wedge is released.
3. Adjust the height of the stem, above the *Minimum Insertion* line, until the rider feels they have control of the tricycle and are comfortable.

4. Rotate the handle bar so it is **square** with the fork.
5. Tighten the stem wedge bolt to lock the stem in place.
6. Loosen the handlebar binder bolt and rotate the handlebar until the rider feels they have control of the tricycle and are comfortable.
7. Tighten the handlebar binder bolt until the handlebar is locked in place.



## Adjust the Seat



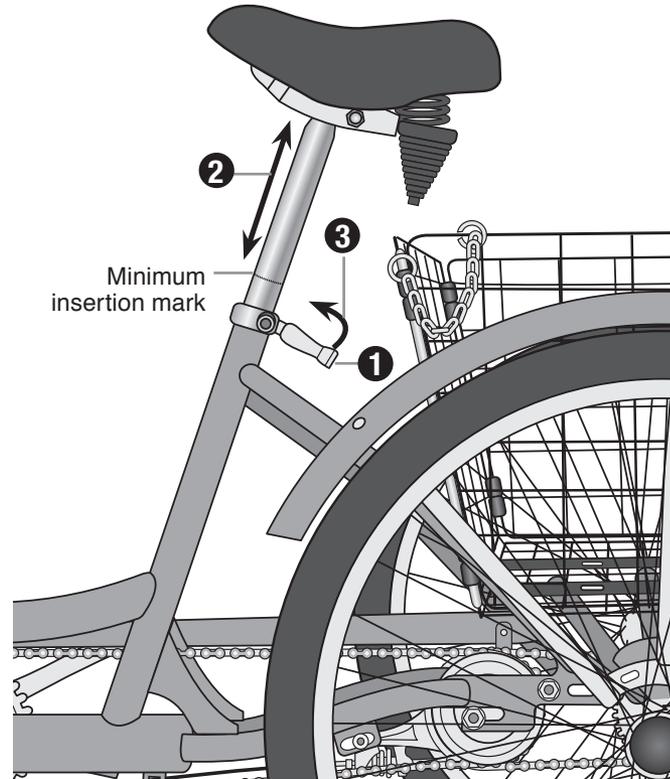
### WARNING!

Failure to insert the handlebar and seat stems beyond the “Minimum Insertion” line may cause the stem to break resulting in damage to the stem, loss of control, falling, serious injury or death. Insert the handlebar and seat stem into the frame until the *Minimum Insertion Mark* is not visible.

If necessary, adjust the seat height and angle so the rider is comfortable and has complete control.

**Tools:** 14mm open and box end wrench, Adjustable Pliers

1. Release the quick release seat clamp.
2. Adjust the height of the seat until the rider feels they have control of the tricycle and are comfortable.
3. Lock the quick release seat clamp.



## 6 Use



### WARNING!

Failure to follow all local and state regulations and laws pertaining to bicycle use as well as the safety warnings in this manual may result in serious injury or death. Always follow all local and state regulations and laws pertaining to bicycle use, follow the safety warnings in this manual and use common sense when riding the tricycle. Always conduct a pre-ride check of the tricycle condition before riding.

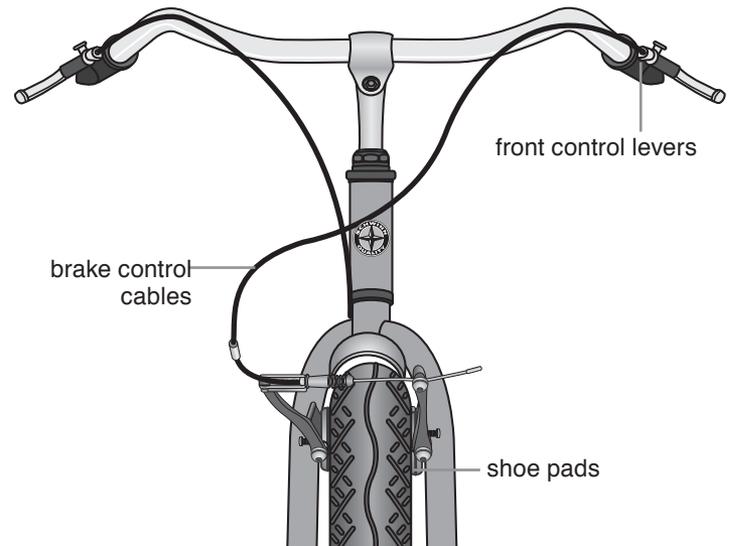
### Pre-Ride Checklist

Use the following checklist to ensure your tricycle is in proper working condition before riding the tricycle.

#### Brakes:

- The front and rear brakes work properly.
- The brake shoe pads are not overly worn and are correctly positioned in relation to the rims.

- The brake control cables are lubricated, correctly adjusted and display no obvious wear.
- The brake control levers are lubricated and tightly secured to the handlebar.

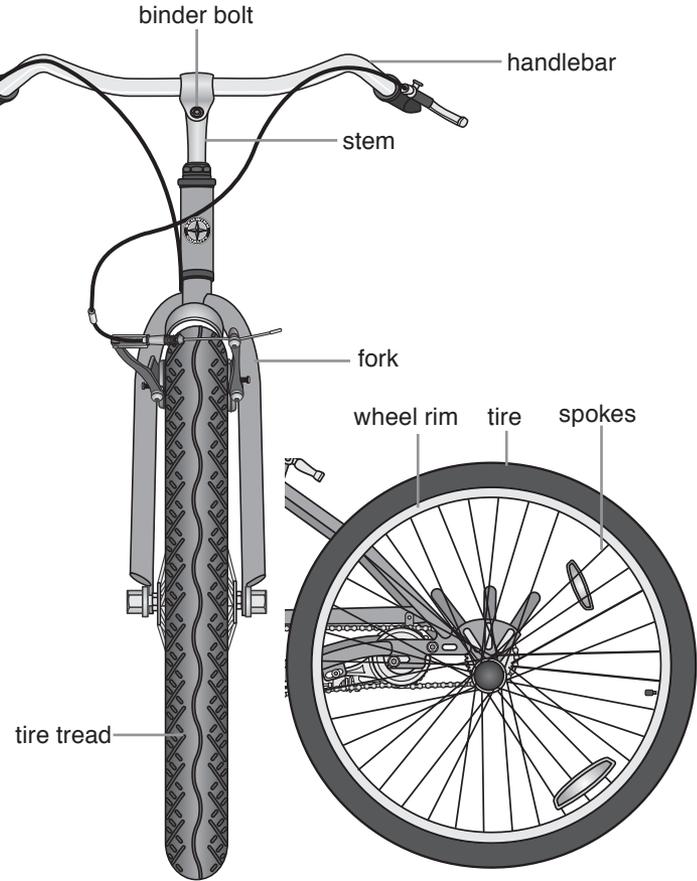


## Wheels and Tires

- The rims do not have dirt or grease on them.
- The wheels are properly attached to the tricycle and the axle nuts are tight.
- The wheel spokes are not loose or broken.
- The wheel rotation is smooth and there is no side to side movement.
- The tires are inflated to within the recommended pressure as displayed on the tire sidewall.
- The tires have tread and there are no bulges or excessive wear.

## Steering

- The handlebar and stem are correctly adjusted and tightened, and allow proper steering.
- The handlebars are set correctly in relation to the forks and the direction of travel.
- The handlebar binder bolt is tightened.



## Chains

- The chains are oiled, clean and run smoothly  
**Note:** Extra maintenance is required in wet or dusty conditions.

## Bearings

- All bearings are lubricated, run freely and display no excess movement, grinding or rattling (Note: Check headset, wheel bearings, pedal bearings and bottom bracket bearings).

## Cranks and Pedals

- The pedals are securely tightened to the crank arms.
- The crank arms are securely tightened to the axle and are not bent.

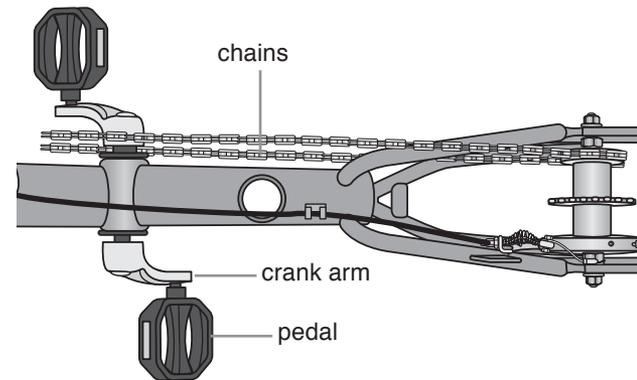
## Frame and Fork

- The frame and fork are not bent or broken  
**Note:** If either are bent or broken, call customer service.

## Accessories

The reflectors are good shape, properly placed and not obscured.

- All other fittings on the bike are properly and securely fastened, and functioning.
- The rider is wearing a properly fitted helmet (protective gear if necessary) and that clothing and loose items are properly constrained.



## 6 Maintenance and Troubleshooting



### WARNING!

Failure to conduct maintenance on the tricycle may result in malfunction of a critical part and serious injury or death. Proper maintenance is critical to the performance and safe operation of the tricycle. The recommended intervals and need for lubrication and maintenance may vary depending on conditions the tricycle is exposed to. Always inspect the tricycle and conduct necessary maintenance before each use of the tricycle.

This section presents important information on maintenance and will assist you in determining the proper course of action to take if you do have a problem with the operation of the tricycle.

If you have questions regarding maintenance please call our customer service, toll free, at **1-800-626-2811** or see a qualified bicycle mechanic. Do not call the store where the tricycle was purchased.

## Lubrication Schedule

Component	Lubricant	Method
Weekly		
Chains	Chain lube or light oil	Brush on or squirt
Brake calipers	Oil	Three drops from oil can
Brake levers	Oil	Two drops from oil can
Every Six Months		
Freewheel	Oil	Two drops from oil can
Brake cables	Lithium based grease	Remove cable from casing. Grease entire length. Wipe off excess lubrication from other surfaces.
Brake lever and caliper pivot points	Light oil	Two to three drops from oil can
Pedals: that <b>cannot</b> be disassembled	Light oil	Two drops from oil can onto the inside bearings
Yearly		
Bottom bracket	Lithium based grease	Disassemble
Pedals	Lithium based grease	Disassemble
Wheel bearings	Lithium based grease	Disassemble
Headset	Lithium based grease	Disassemble
Seat stem	Lithium based grease	Disassemble
Pedals: that can be disassembled		See bicycle mechanic for maintenance.

**NOTE:** The frequency of maintenance should increase with use in wet or dusty conditions. Do not over lubricate. Remove excess lubricant to prevent dirt build up. **Never** use a de-greaser to lubricate your chains (WD-40®).

## Parts Maintenance

### Wheels

**Frequency:** Inspect and maintain before each use.

Inspect	Action	Maintenance
Rims	Inspect for dirt and grease	Use a clean rag or wash with soapy water, rinse, and air dry.
Wheels	Check the wheels are securely fastened to the tricycle and axle nuts are tight.	Adjust if necessary and tighten axle nuts.
	Spin wheel and check that rotation and alignment are true	See bicycle mechanic for repair.
Spokes	Check for broken or loose spokes	See bicycle mechanic for repair.
Hub Bearings	Lift each wheel and see if there is movement side to side	See "Hub Bearings" for more detail or bicycle mechanic for repair.

## Tires

**Frequency:** Inspect and maintain before each use

Inspect	Action	Maintenance
Tire Inflation	Check tire pressure	Inflate tire to the pressure indicated on the tire sidewall. See “Inflating a Tire Tube” for more detail. If the tire is flat see “Fixing a Flat Tire” for more detail.
	Check the bead is properly seated while inflating or refitting the tire.	Reduce air pressure in the tube and re-seat the bead.
	Spin wheel and check rotation / alignment is smooth and even.	Loosen axle nut(s) and adjust until properly seated. If the Hub Bearings need repair see <b>Hub Bearings</b> for more detail or bicycle mechanic for repair.
Bead Seating	Check for broken or loose spokes	See bicycle mechanic for repair.
Tread	Inspect for signs or excessive wear, flat spots or cuts and damage.	Replace tire.
Valves	Check that valve caps are fitted and free of dirt.	Clean dirt from the valve.

## Brakes

**Frequency:** Inspect and maintain before each use

Inspect	Action	Maintenance
Levers	Check the levers are securely fastened to the handlebar.	Position the levers to fit the rider's grip and screw tight to handlebar.
Pads	Check pad position, gap and pressure.	See all sections under "Assemble the Front Brake". See <b>Rear Brake Adjustment</b> .
Cables	Check the outer casing for kinks, stretched coils and damage. Check cables for kinks, rust, broken strands or frayed ends. Check the outer casing for kinks, stretched coils and damage.	Replace cable.
	Check the housing is seated properly into each cable stop of the tricycle.	It is recommended that the cables and housing be replaced every riding season.

## Drivetrain (pedals, chains, chainwheel, crank set, freewheel)

**Frequency:** as noted

Inspect	Action	Maintenance
Pedals	Every month, check each pedal is securely set and tighten into the crank arm.	If necessary, re-set and tighten.
	Before each ride, check each front and rear pedal reflectors are clean and in place.	Clean or replace.
Pedal Bearings	Every month, check the pedal bearings are properly adjusted. Move the pedal up and down, left and right. If looseness or roughness is detected, adjustment, lubrication or replacement is required.	See bicycle mechanic for repair.
Chains	<p>Every week, check the chains are clean, properly lubricated, rust free, and are not stretched, broken, or have stiff links.</p> <p>Every week, check chain tension is correct on both chains:</p> <ol style="list-style-type: none"> <li>1. Set a straightedge against the bottom of the front chainwheel and rear sprocket.</li> <li>2. Pull up on the bottom of the chain.</li> <li>3. If movement is more than 10 mm adjust the position of the rear frame.</li> </ol>	<p>Lubricate if necessary. Replace if rusted, stretched, or broken.</p> <p>Loosen bolts holding the rear frame and move it until the chain is taut and moves less than 10 mm. Check the rear frame is “square” to the main frame and firmly tighten the bolts holding the rear frame.</p>

## Drivetrain maintenance continued . . .

Inspect	Action	Maintenance
Crank Set	Every month, check the crank set (crank arms, chain rings, and bottom bracket axle and bearings) is correctly adjusted and tight. Remove the primary chain.	Replace cable.

## Hub Bearings

Hub bearings require special thin wrenches called “cone wrenches”. If you do not own these tools, do not attempt hub bearing adjustments. Have a qualified bicycle mechanic perform the adjustment if you have any doubts.

1. Check to make sure neither locknut is loose.
2. To adjust, remove wheel from tricycle and loosen the locknut on one side of the hub while holding the bearing cone on the same side with a cone wrench.
3. Rotate the adjusting cone as needed to eliminate free play.
4. Re-tighten the locknut while holding the adjusting cone in position.
5. Re-check that the wheel can turn freely without excessive side play.

## Inflating the Tire Tube



### WARNING!

An unseated tire can rupture unexpectedly and cause serious injury or death. Be sure the tire is properly seated when inflating the tube.



### CAUTION!

Over inflation or inflating the tube too quickly may result in the tire blowing off the rim and damage the tricycle or cause injury to the rider. Always use a hand pump to inflate the tube. Do not use a gas station service pump to inflate the tube.

#### Follow these steps to inflate a tire:

1. Remove the valve cap.
2. Add air.
3. Be sure the tire is evenly seated on the rim, both sides.
4. Spin the wheel and check for high and low areas.
5. Complete inflation.
6. Be sure the tire is evenly seated on the rim, both sides. If not release some air and repeat steps three through six.
7. Check for dirt in the valve cap or stem. If necessary, clean dirt from cap or stem.
8. Securely replace the valve cap on the stem.

## Repairing a Flat Tire



### WARNING!

An unseated tire can rupture unexpectedly and cause serious injury or death. Be sure the tire is properly seated when inflating the tube.

#### Follow these steps to fix a flat tire:

1. Match tube size and tire size (see tire sidewall for size).
2. Remove wheel from tricycle. Deflate tire completely.
3. Squeeze the tire beads into the center of the rim.
4. Opposite the valve, use a tricycle tire lever to pry the tire bead up and out of the rim. Repeat around the wheel until one bead is off the rim.
5. Remove tube. Release second tire bead. Remove tire.
6. Carefully inspect inside of the rim and tire for the cause of the flat.
7. Inflate the tube  $\frac{1}{4}$  full and place inside tire.
8. Insert the valve stem through valve stem hole in rim.
9. Start at the valve stem and install the first bead onto the rim. Repeat for the second bead.
10. Slowly inflate the tire, checking the tire is seated properly and not pinched as the tire is inflated.
11. Inflate to recommended pressure (see tire sidewall).

## **7** Warranty

### **LIMITED WARRANTY AND POLICY ON REPLACEMENT PROCEDURES & RESPONSIBILITIES**

Your purchase includes the following warranty which is in lieu of all other express warranties. This warranty is extended only to the initial consumer purchaser. No warranty registration is required. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

#### **FRAME**

Frame is are guaranteed against faulty materials and workmanship for as long as the initial consumer purchaser has the bicycle, subject to the condition of the warranty listed below. If frame failure should occur due to faulty materials or workmanship during the guarantee period, the frame will be replaced. For frame replacement under this Pacific Limited Warranty, contact us, stating the nature of the failure, model number, date received and the name of the store from which the bike was received, at the address given on this page.

Frame must be returned for inspection at customer's expense. Please note: the fork is not part of the frame. A lifetime warranty on your frame does not guarantee that the product will last forever. The length of the useful life cycle will vary depending on the type of bike, riding conditions and care the bicycle receives. Competition, jumping, downhill racing, trick riding, trial riding, riding in severe conditions or climates, riding with heavy loads or any other non-standard use can substantially shorten the useful product life cycle. Any one or a combination of these conditions may result in an unpredictable failure that is not covered by this warranty. All bicycles and frame sets should be periodically checked by an authorized dealer for indications of potential problems, inappropriate use or abuse. These are important safety checks and are very important to help prevent accidents, bodily injury to the rider and shortened useful product life cycle.

#### **PARTS**

All other parts of the unit except Normal Wear Parts are warranted against defective materials and workmanship for as long as the initial consumer purchaser has the bicycle,

subject to the Terms and Conditions of the warranty listed below. If failure of any part should occur due to faulty materials or workmanship during the warranty period, the part will be replaced. All warranty claims must be submitted to the address located on the back cover, and must be shipped prepaid and accompanied by proof of purchase. Any other warranty claims not included in this statement are void. This especially includes installation, assembly, and disassembly costs. This warranty does not cover paint damage, rust, or any modifications made to the bicycle. Normal Wear Parts are defined as grips, tires, tubes, cables, brake shoes and saddle covering. These parts are warranted to be free from defects in material and workmanship as delivered with the product. Any claim for repair or replacement of Normal Wear Parts (grips, tubes, tires, cables, brake shoes and saddle covering) and missing parts must be made within thirty (30) days of the date of purchase. The warranty does not cover normal wear and tear, improper assembly or maintenance, or installation of parts or accessories not originally intended or compatible with the bicycle as sold. The warranty does not apply to damage or failure due to accident, abuse, misuse, neglect, or theft. Claims involving these issues will not be honored.

## CONDITIONS OF WARRANTY

1. Your bicycle has been designed for general transportation and recreational use, but has not been designed to withstand abuse associated with stunting and jumping. This warranty ceases when you rent, sell, or give away the bicycle, ride with more than one person, or use the bicycle for stunting or jumping.
2. This warranty does not cover ordinary wear and tear or anything you break accidentally or deliberately.
3. It is the responsibility of the individual consumer purchaser to assure that all parts included in the factory-sealed carton are properly installed, all functional parts are initially adjusted properly, and subsequent normal maintenance services and adjustments necessary to keep the bicycle in good operating condition are properly made. This warranty does not apply to damage due to improper installation of parts installation or any kind of power plant or internal combustion engine, modification or alteration of the brakes, drive train or frame in any way or failure to properly maintain or adjust the bicycle.

**NOTICE:** Tricycle specifications subject to change without notice.

## 8 Purchase Record

Fill out this record and retain it as well as your sales receipt a record of your purchase and potential warranty claims.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

State/City/Zip: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Model Number: \_\_\_\_\_

Date Code: \_\_\_\_\_







**LIFETIME  
WARRANTY**

**FOR AS LONG AS YOU OWN THE BIKE**

[WWW.SCHWINNBIKES.COM](http://WWW.SCHWINNBIKES.COM)

**PACIFICCYCLE™**

4902 Hammersley Road  
Madison, WI 53711  
Service: 1-800-626-2811  
[www.pacific-cycle.com](http://www.pacific-cycle.com)

©2012 **PACIFICCYCLE**