



Pre-assembled bicycles cannot be returned/exchanged.

- Free tune-up and repair within 30 days of purchase.

[CANADA]

**PLEASE - BEFORE RETURNING TO STORE:
Contact Customer Service.**

We are glad to assist you with any parts or assembly problems you might have!

For fast customer service:

Call : 1-800-872-2453

Or Email : parts@futurux.com

STRATUS

Owner's Manual

Coaster Bicycles



This manual contains important safety, assembly, operation and maintenance information.

Please read and fully understand this manual before operation.

Save this manual for future reference.

Always wear approved helmet and safety equipment when using this product.

**IMPORTED BY
TRILEAF DISTRIBUTION TRIFEUIL TORONTO, CANADA M4S 2B8**



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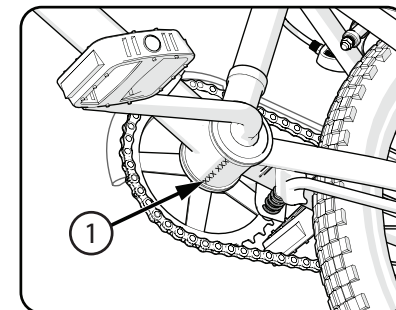
Owner's Bicycle Identification Record

NOTE: This information is only available on the bicycle itself.

Each bicycle has a Recovery Code stamped into the frame. The Recovery Code ① can be found on the bottom of the crank housing as shown.

Write this number below to keep it for future reference.

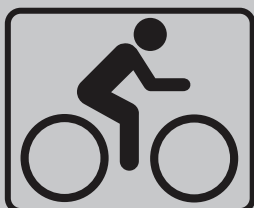
If the bicycle is stolen, give this number and a description of the bicycle to the police. This will help them find the bicycle.



Recovery Code:

Purchase Date:

Model Name:



IMPORTANT!! BEFORE YOUR FIRST RIDE:

- Read entire manual, including all safety warnings.
- See Maintenance section to:**
- Check Tire Pressure.
- Check Brake Adjustment.

Limited Warranty

General:

Part or model specifications are subject to change without notice.

This Limited Warranty is the only warranty for the product. ALL WARRANTIES OTHER THAN STATED HEREIN ARE DISCLAIMED INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO THE EXTENT ALLOWABLE BY APPLICABLE LAW. ALL LIABILITY FOR INCIDENTAL, PUNITIVE, SPECIAL, OR CONSEQUENTIAL DAMAGES ARE EXPRESSLY DISCLAIMED, TO THE EXTENT ALLOWABLE BY APPLICABLE LAW.

- The only uses for this product are described in this manual.
- Warranty registration is not required.
- The Limited Warranty extends only to the original consumer and is not transferable to anyone else.
- Returns, exchanges or refunds of bicycles are not permitted.

What does this Limited Warranty cover?

This Limited Warranty covers defects in workmanship and materials for all parts of the product except those indicated below as not warranted.

What must you do to keep the Limited Warranty in effect?

This Limited Warranty is effective only if:

- Product is completely and correctly assembled.
- Product is used under normal conditions for its intended purpose (see the following section for excluded activities).
- Product receives all necessary maintenance and adjustments.
- Product is used for general transportation and recreational use only.

What is not covered by this Limited Warranty?

This product is designed for recreational use only. This Limited Warranty does not cover normal wear and tear, normal maintenance items, or any damage, failure, or loss that is caused by improper assembly, maintenance, adjustment, storage, or use of the product.

Rims, tires, tubes, brake adjustment, derailleur adjustment, bearing adjustment, abuse/misuse, normal wear and tear (brake pads and cables), wheel truing.

This Limited Warranty does not extend to future performance.

This Limited Warranty will be void if the product is ever:

- Used in any competitive sport
- Used for stunt riding, jumping, aerobatics or similar activity
- Modified in any way
- Modified with the addition of a motor
- Ridden by more than one person at a time
- Exceeds weight limit
- Rented, sold, or given away
- Used in a manner contrary to the instructions and warnings in this Owner's Manual

What will The Manufacturer do?

Manufacturer's sole and exclusive obligation under this Limited Warranty is to repair and/or replace, at its sole option, any covered defect in workmanship or materials.

How do you get service?

Contact the Customer Service Department.

- See included list for Customer Contact information.
- For further information regarding the warranty, please contact the store where the bike was purchased.

What rights do you have?

This Limited Warranty gives you specific legal rights. You may also have other rights which vary from state to state, region to region.

For how long does this Limited Warranty last?

When used in this Limited Warranty, the phrase "for life" means for as long as the original consumer owns the product.

- Pre-assembled bicycles cannot be returned/exchanged.
- Free tune-up and repair within 30 days of purchase.

Defective Forks (cracked or broken)

- Suspension: 1 year
- Rigid Aluminum: 5 years
- Rigid Steel: Lifetime

Defective Bike Frames (cracked or broken)

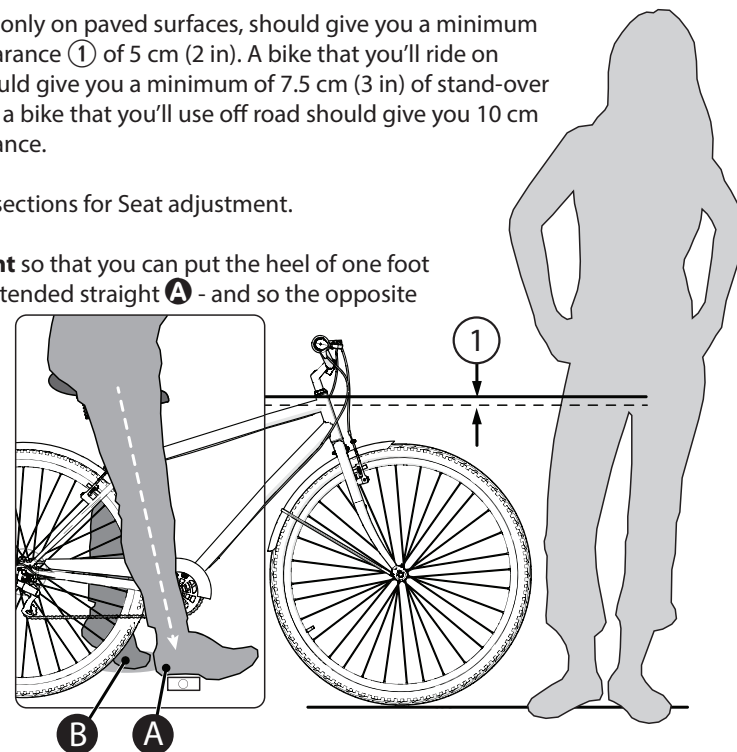
- Aluminum: 5 years
- Steel: Lifetime
- All other components: 1 year
- All warranties are from date of original purchase.

Fitting the Rider to the Bicycle

A bike which you ride only on paved surfaces, should give you a minimum stand-over height clearance ① of 5 cm (2 in). A bike that you'll ride on unpaved surfaces should give you a minimum of 7.5 cm (3 in) of stand-over height clearance. And a bike that you'll use off road should give you 10 cm (4 in) or more of clearance.

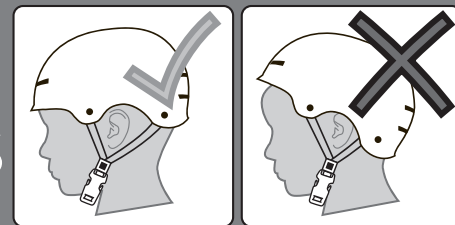
NOTE: See Assembly sections for Seat adjustment.

Adjust the seat height so that you can put the heel of one foot on a pedal with leg extended straight **A** - and so the opposite foot can reach the ground with tip of foot **B**. This will give your knees a slight bend when pedalling with the ball of the foot.



ALWAYS WEAR YOUR HELMET WHEN RIDING THIS PRODUCT!

Always read the user manual that comes with your helmet to make sure it is fitted and attached properly to the wearer's head according to the fitting instructions described in the user manual.



Warning and Safety Information

MEANINGS OF WARNINGS:

 This symbol is important. See the word “CAUTION” or “WARNING” which follows it. The word “CAUTION” is before mechanical instructions. If you do not obey these instructions, mechanical damage or failure of a part of the bicycle can occur. The word “WARNING” is before personal safety instructions. If you do not obey these instructions, injury to the rider or to others can occur.

 WARNING:

- CHOKING HAZARD. Small parts. Not for children under 3 years.
- Adult assembly is required.
- Handlebar hand grip or tube end plugs should be replaced if damaged as bare tubes have been known to cause injury. All products with capped handlebar ends should be checked regularly to ensure that adequate protection for the ends of the handlebars are in place.
- Replacement forks must have the same rake and tube inner diameter as the original product.
- Do not add a motor to the product.
- Do not tow or push the product.
- Do not tow anything behind the product.
- Do not modify the product.
- Replace worn or broken parts immediately with original equipment.
- If anything does not operate properly, discontinue use.

The Owner’s Responsibility

 **WARNING:** THIS BICYCLE IS MADE TO BE RIDDEN BY ONE RIDER AT A TIME FOR GENERAL TRANSPORTATION AND RECREATIONAL USE. IT IS NOT MADE TO WITHSTAND THE ABUSE OF OFF ROAD USE OR STUNTING AND JUMPING.

If the bicycle was purchased unassembled, it is the owner’s responsibility to follow all assembly and adjustment instructions exactly as written in this manual, and any “Special Instructions” supplied and to make sure all fasteners and components are securely tightened.

NOTE: Periodically check that all fasteners and components are securely tightened.

If the bicycle was purchased assembled, it is the owner’s responsibility, before riding the bicycle for the first time, to make sure the bicycle has been assembled and adjusted exactly as written in this manual, and any “Special Instructions” supplied and to make sure all fasteners and components are securely tightened.

NOTE:
If product is assembled, please proceed to sections:

- Testing Stem, Handlebar
- Seat Clamp tightness.

Lubrication

 WARNING:

- Do not over lubricate. If oil gets on the wheel rims or the brake shoes, it will reduce brake performance and a longer distance to stop the bicycle will be necessary. Injury to the rider or to others can occur.
- The chain can throw excess oil onto the wheel rim. Wipe excess oil off the chain.
- Keep all oil off the surfaces of the pedals where your feet rest.
- Using soap and hot water, wash all oil off the wheel rims, the brake shoes, the pedals, and the tires.
- Rinse with clean water and dry completely before you ride.
- Using a light machine oil (20 W), lubricate the bicycle according to the following table:

Lubrication Table (as equipped)

What	When	How
Pedals	every six months	Put four drops of oil where the axles go into the pedals.
Chain	every six months	Put one drop of oil on each roller of the chain. Wipe all excess oil off the chain.
Derailleurs	every six months	Put one drop of oil on each pivot point of the derailleurs.
Brake Levers	every six months	Put one drop of oil on the pivot point of each brake lever.
Wheel Brakes	every six months	Put one drop of oil on the pivot point of each cantilever brake.
Brake and cable	every six months	Put four drops of oil into both ends of each cable. Allow oil to soak back along the cable wire.
Rear Sprocket Cluster	every six months	Lay the bicycle on its left side. Slowly turn the rear wheel clockwise. Put four drops of oil in the crack between the rear sprockets (which are stationary) and the freewheel body (which is turning clockwise).
Shock Fork	every six months	Lift up the rubber fork boot and dab a small amount of grease on the fork leg just above the plastic bushing.

Inspection of the Bearings

MAINTENANCE

Frequently check the bearings of the bicycle. Lubricate the bearings once a year or any time they do not pass the following tests:

HEAD TUBE BEARINGS

The fork should turn freely and smoothly at all times. With the front wheel off the ground, you should not be able to move the fork up, down, or side to side in the head tube.

CRANK BEARINGS

The crank should turn freely and smoothly at all times and the front sprockets should not be loose on the crank. You should not be able to move the pedal end of the crank from side-to-side.

WHEEL BEARINGS

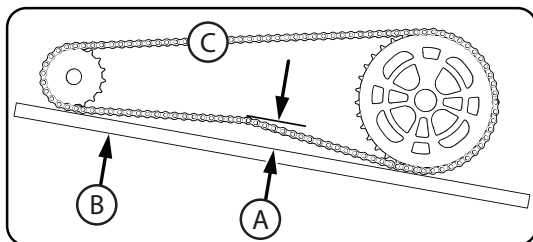
Lift each end of the bicycle off the ground and slowly spin the raised wheel by hand. The bearings are correctly adjusted if:

- The wheel spins freely and easily.
- The weight of the spoke reflector, when you put it toward the front or rear of the bicycle, causes the wheel to spin back and forth several times.
- There is no side-to-side movement at the wheel rim when you push it to the side with light force.

Chain Adjustment

! WARNINGS:

- The chain must remain on the sprockets. If the chain comes off the sprockets, the coaster brake will not operate.
- Do not attempt chain repairs. If there is a problem with the chain, have a bicycle service shop make any repairs.



Adjustment:

The chain must be at the correct tightness. If too tight, the bicycle will be difficult to pedal. If too loose, the chain can come off the sprockets.

When the chain (C) is at the correct tightness, you can rotate the crank freely and you can pull it no more than one half-inch (A) away from a straight edge (B) as shown.

Adjust the tightness of the chain as follows:

- Loosen the axle nuts of the rear wheel.
- Move the rear wheel forward or backward as necessary.

NOTE: Make sure the rear wheel is in the center of the bicycle frame.

- Hold the wheel in this position and tighten securely.

Rules of the Road

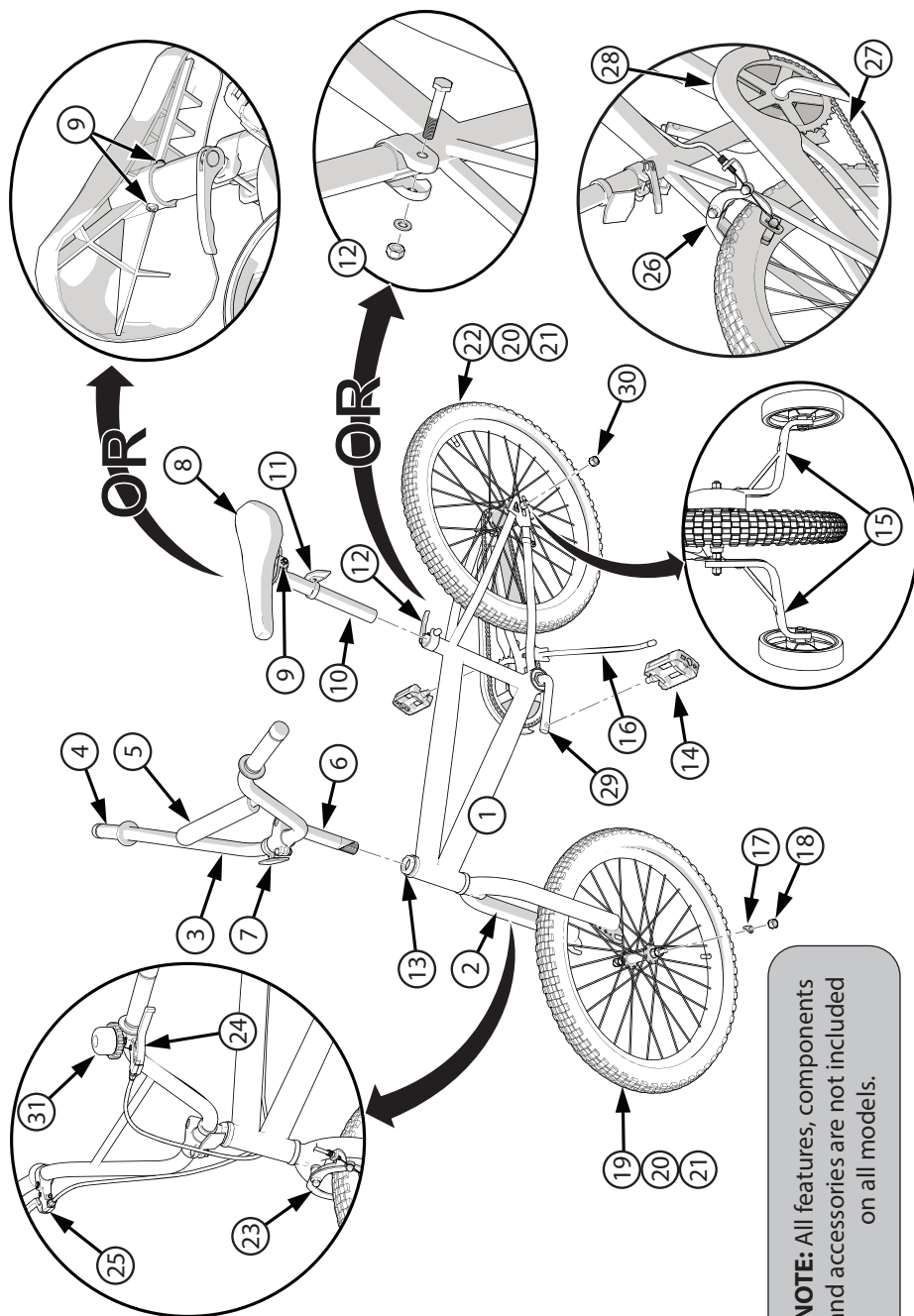


WARNING: Failure of the rider to obey the following “Rules of the Road” can result in injury to the rider or to others.

- It is the responsibility of the parents or caregivers to ensure the child is properly instructed in the use of the bicycle, especially in the safe use of the braking systems (especially the coaster brake).
- Obey all traffic regulations, signs, and signals.
- **Protective equipment must be worn:** Always wear safety equipment such as a helmet that meets CPSC (or equivalent standard for your country) with chinstrap securely fastened, knee pads, elbow pads, wrist guards, gloves and shoes.
- Always wear shoes when using this product.
- Ride on the correct side of the road, in a single file, and in a straight line.
- **Bikes 30 cm (12 in) and under not intended for use on public roads.**
- Avoid riding at night, dusk, dawn and any other time of poor visibility.
- **Reflectors:** For your own safety, do not ride the bicycle if the reflectors are incorrectly installed, damaged, or missing. Make sure the front and rear reflectors are vertical. Do not allow the visibility of the reflectors to be blocked by clothing or other articles. Dirty reflectors do not work well. Clean the reflectors, as necessary, with soap and a damp cloth.
- **Use extra caution in wet weather:**
 - Ride slowly on damp surfaces because the tires will slide more easily.
 - Allow increased braking distance in wet weather.
- **Avoid these hazards to prevent loss of control or damage to your wheels:**
 - Be aware of drain grates, soft road edges, gravel or sand, potholes or ruts, wet leaves, or uneven paving.
 - Cross railroad tracks at a right angle to prevent the loss of control.
 - Avoid unsafe actions while riding.
 - Do not carry any passengers.
 - Do not carry any items or attach anything to your bicycle that could hinder your vision, hearing, or control.
 - Do not ride with both hands off the handlebar.
 - This bicycle is not suitable for the fitting of a luggage carrier and (or) a child seat.

When riding with training wheels:

- Ride only on level areas.
- Do not ride on steep hills, uneven sidewalks, or near steps. The bicycle can tip over if a training wheel goes off the edge of the riding surface.
- Ride straight up and down sloped surfaces, because the bicycle can tip over when riding across sloped surfaces.
- Slow down at corners because you can not turn as quickly as bicycles without training wheels.



NOTE: All features, components and accessories are not included on all models.

Tires

MAINTENANCE:

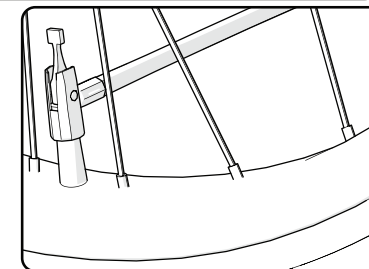
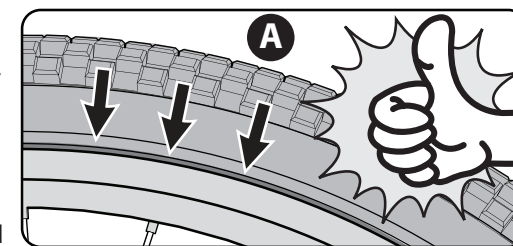
- Frequently check the tire inflation pressure because all tires lose air slowly over time. For extended storage, keep weight off of the tires.
- Do not use unregulated air hoses to inflate the tire/tubes. An unregulated hose can suddenly over inflate tires and cause them to burst.
- Replace worn tires.

! WARNING: Do not ride or sit on the unit if a tire is under inflated. This can damage the tire, inner tube and rim.

INFLATING THE TIRES:

- Use a hand or a foot pump to inflate the tires.
- Service station meter-regulated air hoses are also acceptable.
- The maximum inflation pressure is shown on the tire sidewall.

Before adding air to any tire, make sure the edge of the tire (the bead) is the same distance from the rim, all around the rim, on both sides of the tire **A**. If the tire does not appear to be seated correctly, release air from the inner tube until you can push the bead of the tire into the rim where necessary. Add air slowly and stop frequently to check the tire seating and the pressure, until you reach the correct inflation pressure.



Recommended Tire Pressure (kilopascals):

Frequently check the tire inflation pressure because all tires lose air slowly over time. For extended storage, keep the weight of the product off the tires.

Recommended tire pressure is marked on the side of the tire.

(PSI to kPa Conversion)

PSI	kPa
20	140
30	210
40	275
50	345
60	415

Maintenance and Service

WARNING:

- As with all mechanical components, the bicycle is subjected to wear and high stresses. Different materials and components might react to wear or stress fatigue in different ways. If the design life of a component has been exceeded, it may suddenly fail, possibly causing injuries to the rider. Any form of crack, scratches, or change of coloring in highly stressed areas indicate that the life of the component has been reached and should be replaced.
- Inspect the product frequently. Failure to inspect the product and to make repairs or adjustments, as necessary, can result in injury to the rider or to others. Make sure all parts are correctly assembled and adjusted as written in this manual and any "Special Instructions".
- Immediately replace any damaged, missing, or badly worn parts with original equipment.
- Avoid wearing loose clothing and items when riding or performing maintenance to reduce risk of entrapment that could result in an injury.
- Dirty or greasy wheel rims can render your brakes ineffective. To avoid injury, clean frequently, using a clean rag or wash with soapy water, rinse and air dry. Do not clean them with oily or greasy materials.
- High temperatures, intensive use, and impact damage may be invisible to the user and result in injury to rider. If you suspect damage or excess wear to wheel rims, frame, fork, suspension joints (if any), or composite components (if any), seek service from bike shop for repair.
- Make sure all fasteners are correctly tightened as written in this manual and any "Special Instructions". Parts that are not tight enough can be lost or operate poorly. Over tightened parts can be damaged. Make sure any replacement fasteners are the correct size and type.
- Self-locking nuts and other self-locking fasteners may lose their effectiveness when re-used.

NOTE: Have a bicycle service shop make any repairs or adjustments for which you do not have the correct tools or if the instructions in this manual or any "Special Instructions" are not sufficient for you.

Parts Assembly List

No.	Description	No.	Description
1	Frame	20	Tire (x2)
2	Fork	21	Tube (x2)
3	Handlebars	22	Rear Wheel Assembly
4	Grips (x2)	23	Front Brake
5	Handlebar Pad (some models)	24	Left Brake Lever
6	Handlebar Stem	25	Right Brake Lever
7	Front Reflector	26	Rear Brake
8	Seat	27	Chain
9	Seat Post Hardware	28	Chain Guard
10	Seat Post	29	Crank and Spindle Set
11	Rear Reflector	30	Rear Wheel Nut (x2)
12	Quick Release and Lever Nut		
13	Head Set Bearings		
14	Pedals		Accessories (various models)
15	Training Wheel Set - (For bikes 12-18" (30-45 cm)	31	Bell
16	Kick Stand	*	Handlebar Bag (not shown)
17	Wheel Retainer (x2)	*	Streamers (not shown)
18	Front Wheel Nut (x2)	*	Plaque (not shown)
19	Front Wheel Assembly		

Introduction to Assembly

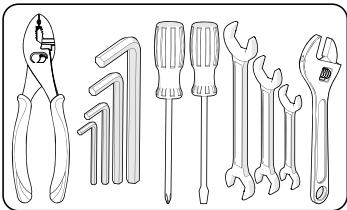
THIS OWNER'S MANUAL IS MADE FOR SEVERAL DIFFERENT BICYCLES:

- Some illustrations may vary slightly from the actual product.
- Follow instructions completely.
- If the bicycle has any parts that are not described in this manual, look for separate "Special Instructions" that are supplied with the bicycle.
- Models may have different accessory items such as bags, baskets, reflectors, cup holders, racks, etc.
- All features, components and accessories are not included on all models.
- Use the Index page to locate specific sections of this manual.
- Please read through this entire manual before beginning assembly or maintenance.
- If you are not confident with assembling this unit, refer to a local bike shop.

WARNING: Keep small parts away from children during assembly.

NOTE: All of the directions (right, left, front, rear, etc.) in this manual are as seen by the rider while seated on the bicycle.

Do not dispose of the carton and packaging until you complete the assembly of the bicycle. This can prevent accidentally discarding parts of the bicycle.



Tools Recommended
(Metric)

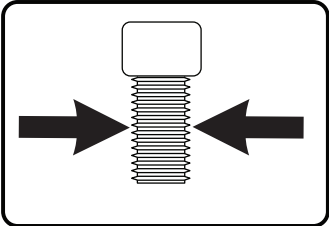


Torque Wrench
(recommended)

Recommended Torque:

Use of a torque wrench is recommended. Recommended torque for each fastener is listed below. In addition to tightening to the recommended torque, please ensure the parts of the product are sufficiently tightened by performing the functional tests (in the component assembly sections of the owner's manual) on each component as it is tightened.

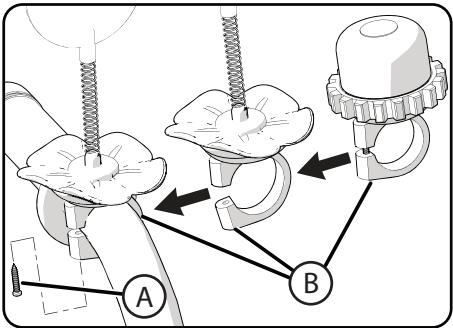
NOTE: Please check that all fasteners on the product are torqued according to the table below:

Recommended Torque for clean, dry threads:		How to Measure:
Fastener Size	Torque (N•m / ft-lb)	Screw or bolt size is determined by the width at the THREADS as shown. 
M4 mm (.157 in)	4.2 N•m (3.1 ft-lb)	
M5 mm (.196 in)	6.8 N•m (5 ft-lb)	
M6 mm (.236 in)	9.5 N•m (7 ft-lb)	
M7 mm (.275 in)	16.3 N•m (12 ft-lbs)	
M8 mm (.314 in)	23 N•m (17 ft-lbs)	
M10 mm (.393 in)	44.7 N•m (33 ft-lbs)	
Pedals		30 N•m (24 ft-lbs)

Bell and Handlebar Features (various models)

Bells and Features:

- If the mounting Screw (A) is factory installed, remove it and set aside.
- Open the Clamp (B) just enough to fit on the handlebar.
- Position the Bell/Accessory so that is level and positioned as shown.
- Tighten Screw securely. Do not over-tighten. This can damage the Clamp.



Plaques Installation (if equipped)

1: Bracket Mount:

- Attach Plaque (A) to Handlebar Cross Brace (B) using supplied Clamps (C) and Screws (D).
- Tighten Screws so that the Plaque does not move.
- Do not over-tighten Screws. This may damage the Plaque.

2: Zip-Tie Mount:

- Position Plaque against Handlebar.
- Attached with supplied Zip-Ties. Do not over-tighten, this can break the Zip-Ties.

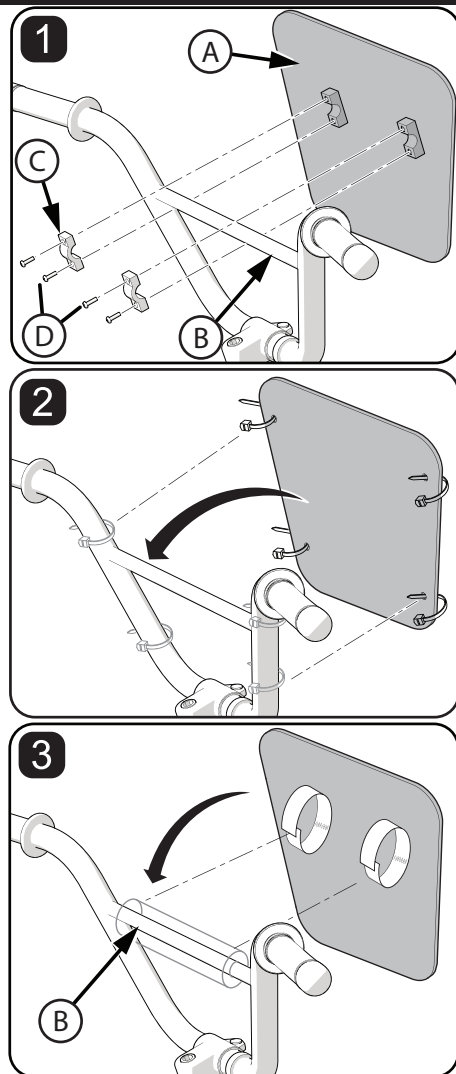
NOTE: Plaques may mount with 2 or more Zip-Ties.

3: Hook and Loop Mount:

- Open the straps on the Plaque and wrap them around the Handlebar or Brace (B).
- If Handlebar Pad is in place, wrap straps around the Handlebar Pad.
- Make sure the straps are secure.

! WARNING:

- Ensure Plaque does not interfere with child's visibility or ability to control the product.
- Make sure front Reflectors are not blocked by Plaque.



Installing the Front Wheel (various styles)



WARNING:

- Do **NOT** use Axle Nuts (A) without serrations to attach the front wheel.
- Ensure wheel spins freely without contacting fork or fender.
- Failure to obey these steps can allow the front wheel to loosen while riding. This can cause injury to the rider or to others.

NOTE: See Brake Section to loosen and Re-attach front Brakes (if equipped).

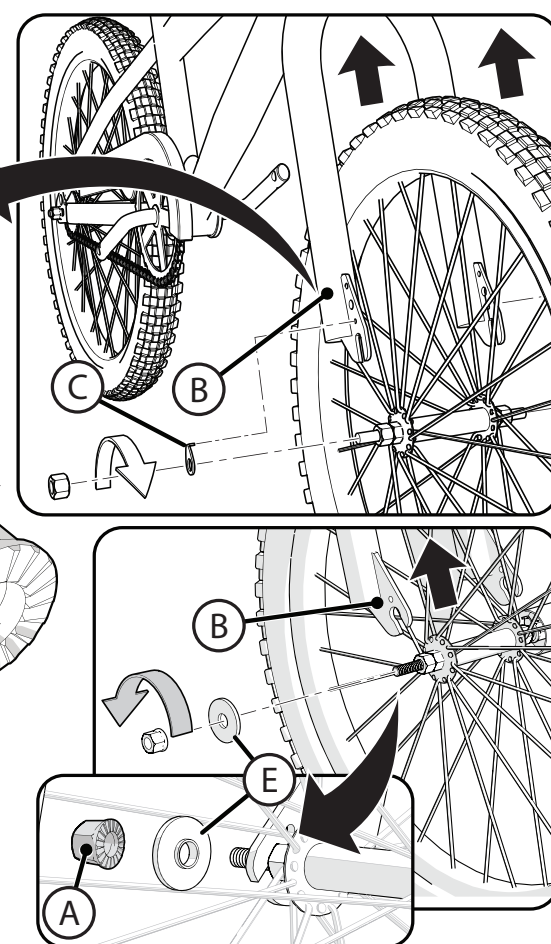
1. If the Axle Nuts and Washers are already attached to the front wheel axle, remove and set aside.
2. Set the wheel into the Front Fork (B).

TABBED WHEEL RETAINERS (C) (SOME MODELS):

3. Install Wheel Retainers (C) making sure the tabs are in the fork tab holes (D).
4. Install Axle Nuts (A) with serrated surface facing IN.
5. With the wheel in the center of the fork, tighten both Axle Nuts securely.

SHOULDER WASHERS (E) (SOME MODELS):

6. Place a Shoulder Washer (E) on each end of Axle with small shoulder facing IN as shown.
7. Install Axle Nuts (A) with serrated surface facing IN.
8. With the wheel in the center of the fork, tighten both Axle Nuts securely.



Handlebar and Stem Installation

! WARNING: To prevent steering system damage and possible loss of control, the "MIN-IN" (minimum insertion) mark **(A)** on the stem must be below the top of the Locknut **(B)**.

NOTE:

- Remove plastic Cap **(C)** from the end of the Stem **(D)**.
- Some models have a one piece handlebar and stem.
- If model has stem-mounted Reflector **(E)**, make sure it is ABOVE the MIN-IN marks, pointing forward and tightened securely.

STEPS:

1. Insert the Stem **(D)** into the fork (**fig A**).
2. Point the Stem towards the front of the bike.
3. Tighten the Stem Bolt **(F)** just enough to hold it in position.
4. If necessary, loosen the Handlebar Clamp Nut/Screw **(G)** and rotate Handlebar into a comfortable riding position (**fig A, B**).
5. Tighten Handlebar Clamp Nut/Screws **(G)** just enough to hold it in position.
6. Align the stem with the front tire and tighten the Stem Bolt **(F)** securely.

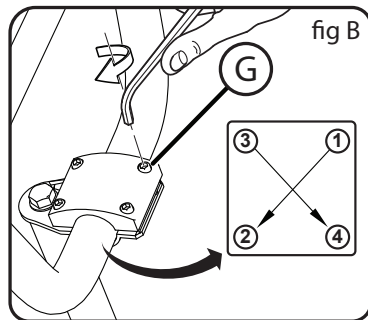
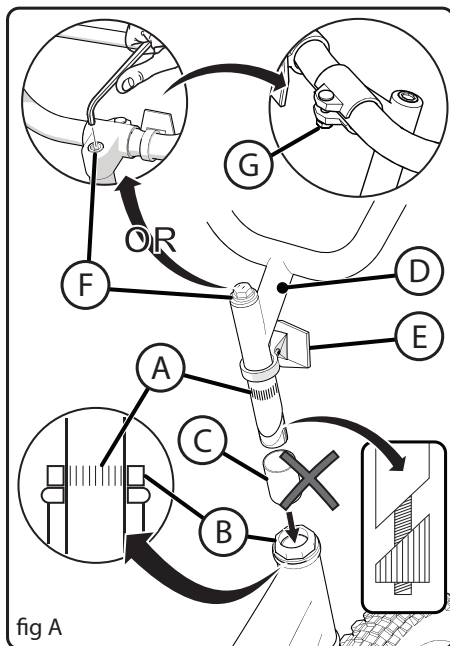
! WARNING: Do not over-tighten the stem bolt. Over-tightening the stem bolt can damage the steering system and cause loss of control.

Four Bolt Clamp (fig B):

- If necessary, re-adjust Handlebar for proper fit.
- Tighten Clamp Screws **(G)** evenly according to pattern.

NOTE: Do not over-tighten.

! WARNING: If the handlebar clamp is not tight enough, the handlebar can slip in the stem. This can cause damage to the handlebar or stem, and can cause loss of control.



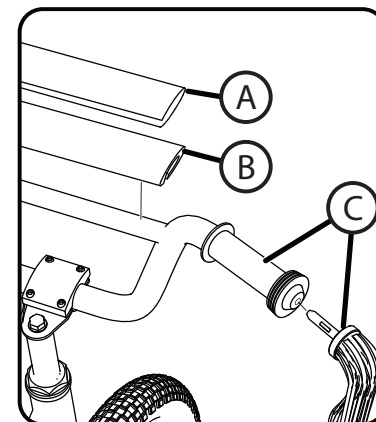
Streamers, Pad and Bags (if equipped)

Handlebar Pad:

- Remove the Cover **(A)** from the Foam Pad **(B)**.
- Push Foam Pad **(B)** over handlebar brace.
- Wrap Cover **(A)** around Foam Pad **(B)** and close with the Hook and Loop Strip.

Streamers:

- Insert each Streamer **(C)** in the hole in the end of each Handlebar Grip.
- Ensure Streamer is fully inserted so that it does not come loose.



The following attachment methods may be used - attach accordingly:

- Hook and Loop **(D)**
- Strap and Buckle **(E)**
- T-Peg and Slot **(F)**

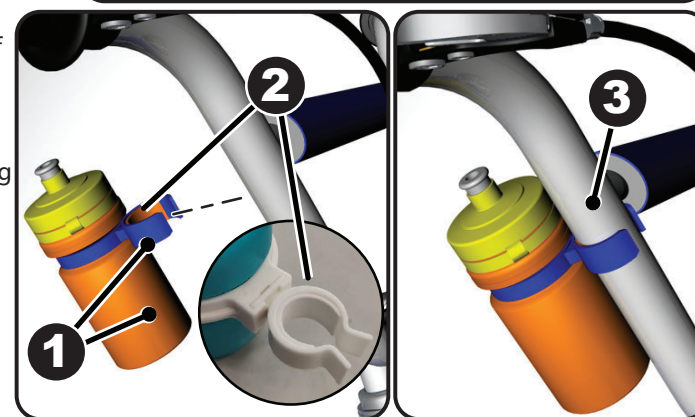
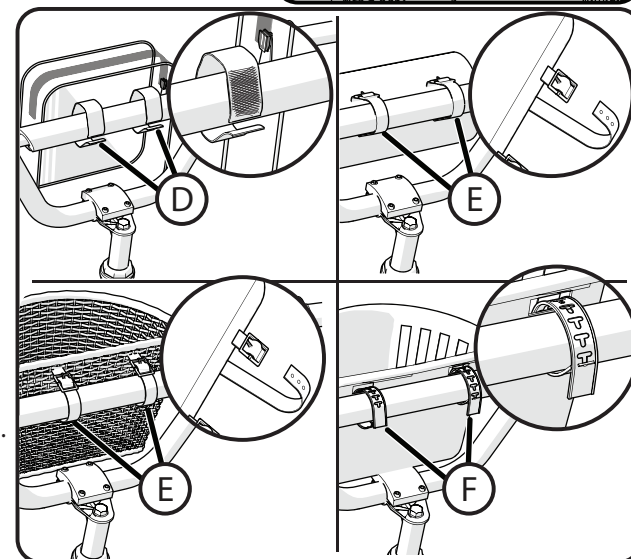
Attach Straps securely. Do not over-tighten.

! WARNINGS:

- Make sure front reflectors are not blocked by Bags or Baskets.
- Handlebar Bag/Basket weight limit: 2.3 kg (5 lb).

Water bottle:

- Insert rubber spacer **(2)** if needed.
- Install water bottle so that it does not interfere with operation of steering or brakes.



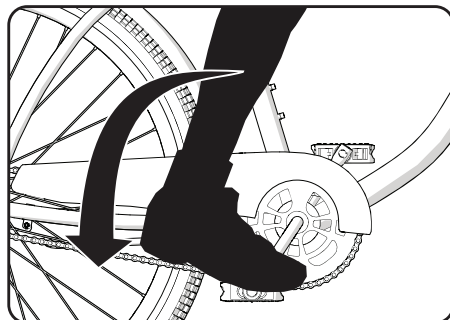
Coaster Brakes - various models

These models are equipped with a rear 'coaster' brake that is operated by rotating the crank backwards.

FUNCTION:

Operate the coaster brake as follows:

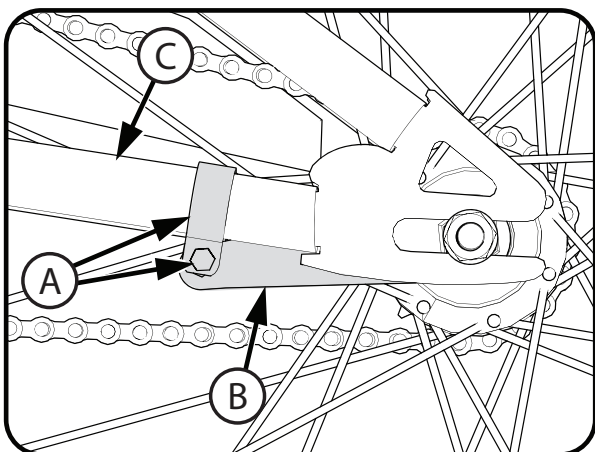
- Push the pedals backward to move the chain backward
- The chain activates the coaster brake mechanism that is inside the rear wheel hub
- As you push the pedals backward with increasing force, the braking action of the coaster brake increases.



If your bicycle has a caliper brake(s) in addition to the coaster brake, always use the coaster brake as the main brake to stop the bicycle.

⚠ WARNING: If you do not obey the following instructions, injury to the rider or to others can occur:

- When you ride the bicycle the first time, test the coaster brake and practice using it at a low speed in a large level area that is free of obstructions.
- Every time the bicycle is ridden, make sure the clamp (A) on the brake arm (B) is securely attached to the chain stay (C) of the bicycle frame. The coaster brake will not work correctly if the brake arm is not attached to the chain stay.



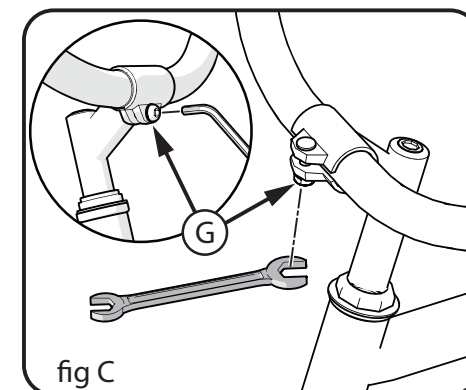
Handlebar and Stem Installation - continued

One Bolt Clamp (fig C):

- If necessary, re-adjust Handlebar for proper fit.
- Tighten Clamp Nut/Bolt (G).

NOTE: Do not over-tighten.

⚠ WARNING: If the handlebar clamp is not tight enough, the handlebar can slip in the stem. This can cause damage to the handlebar or stem, and can cause loss of control.



Testing Stem and Handlebar Tightness

To test the tightness of the stem:

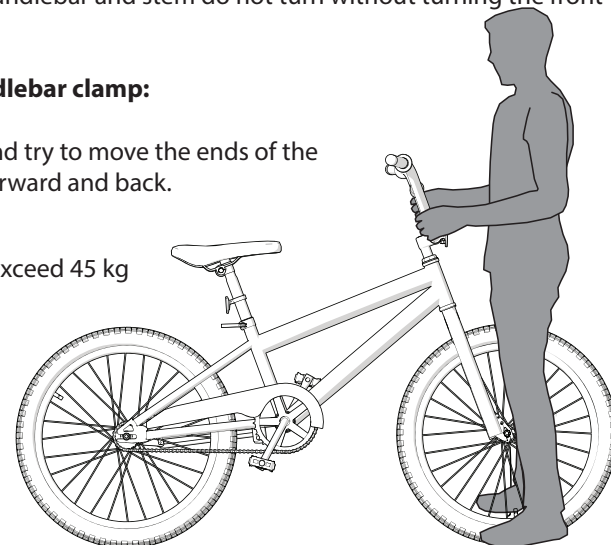
- Straddle the front wheel between your legs.
- Try to turn the front wheel by turning the handlebar.
- If the handlebar and stem turn without turning the front wheel, realign the stem with the wheel and tighten the stem bolt(s) tighter than before (about 1/2 turn only at a time).
- Do this test again, until the handlebar and stem do not turn without turning the front wheel.

To test the tightness of the handlebar clamp:

- Hold the bicycle stationary and try to move the ends of the handlebar up and down or forward and back.

⚠ WARNING: Do not exceed 45 kg (100 lb) force.

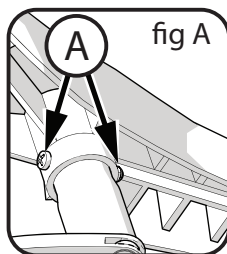
- If the handlebar moves, loosen the bolt(s) of the handlebar clamp.
- Put the handlebar in the correct position and tighten the bolt(s) of the handlebar clamp tighter than before.
- If the handlebar clamp has more than one bolt, tighten the bolts equally.
- Do this test again, until the handlebar does not move in the handlebar clamp.



Seat Installation

Seat to Seat Post (Single Bolt Style): Some models are equipped with a seat and seat post assembly that uses a single bolt and nut to secure the seat to the seat post. The seat is assembled to the seat post at the factory (A).

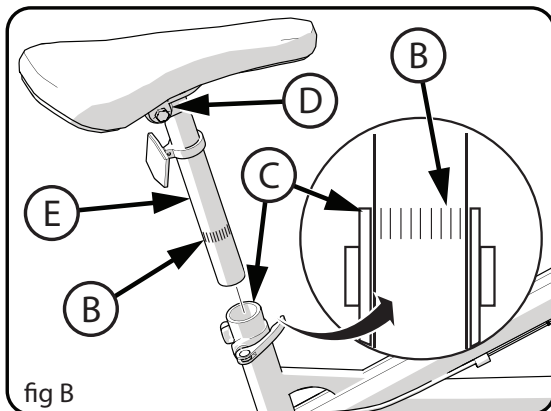
Ensure the seat is secured to the seat post and the seat bolt is tightened.



WARNING: To prevent the seat coming loose and possible loss of control, the "MIN-IN" (minimum insertion) mark (B) on the Seat Post must be below the top of the Seat Tube (C).

SEAT AND SEAT POST SETUP:

1. If needed, loosen Nuts on Seat Clamp (D) and rotate Seat into riding position.
2. Ensure the Seat Post (E) is fully through the TOP Seat Clamp (D).
3. Tighten the Seat Clamp so the Seat does not move on the seat post.
4. If the Seat Clamp has a Nut on each side, tighten both nuts equally.
5. Point the Seat forward and put the Seat Post (E) into the Seat Tube (C) and proceed to next step.



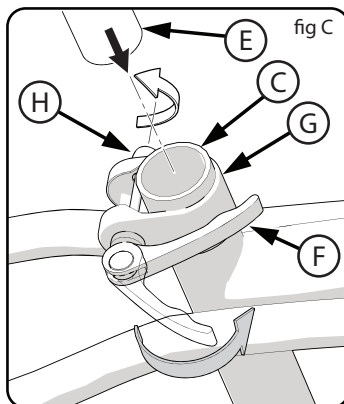
TIGHTEN THE QUICK RELEASE LEVER:

NOTE: The words "open" and "close" are on opposite sides of the quick release lever.

1. Move the Quick Release Lever (F) to the "open" position so the word "open" is pointing away from the Seat Post Clamp (G).

CAUTION: Operate the Quick Release Lever (F) by hand only. Do not use a hammer or any other tool to tighten the quick release lever.

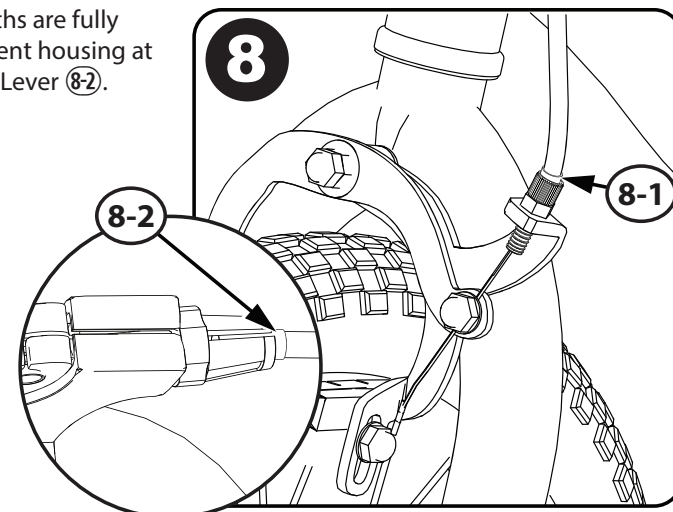
2. You must use strong force to move the quick release lever to the "close" position. If you can easily move the lever to the "close" position, the clamping force is too light.



Caliper Rim Brake System Setup - continued

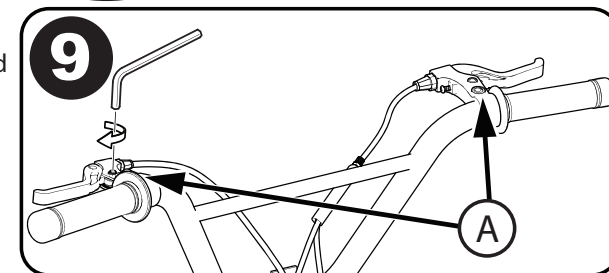
Step 8:

- Make sure the cable sheaths are fully inserted into the adjustment housing at the Caliper (8-1) and Hand Lever (8-2).



Step 9:

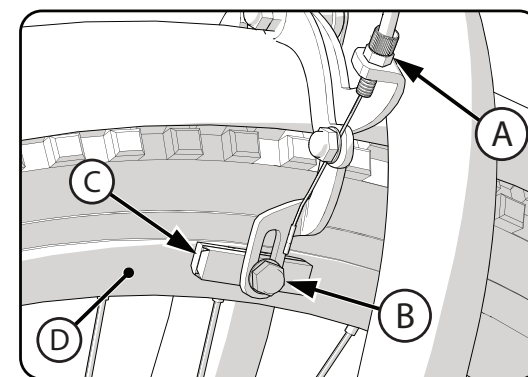
- Rotate Brake Levers (A) into a comfortable riding position and tighten securely.



Brake Pad Replacement

1. If necessary, loosen brake cable Adjustment Bolt (A).
2. Loosen and remove brake pad Bolt/Screws (B).
3. Remove old Brake Shoe (C).
4. Install new Brake Shoe, making sure it is pointing forward and lined up evenly with the Wheel Rim (D).
5. Tighten brake pad Bolt/Screw securely.

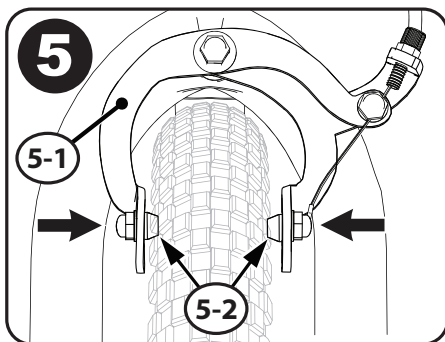
WARNING: Replace Brake Pad with same model and type as original.



Caliper Rim Brake System Setup - continued

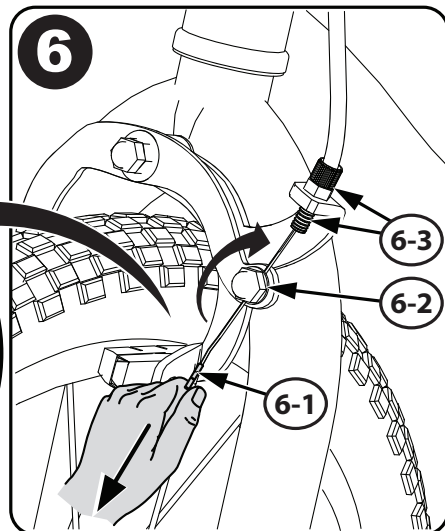
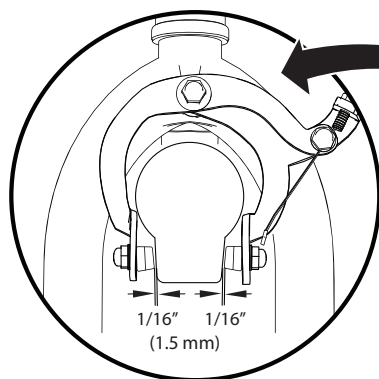
Step 5:

- Squeeze Brake Arms (5-1) so that Brake Pads (5-2) are against the Rim.



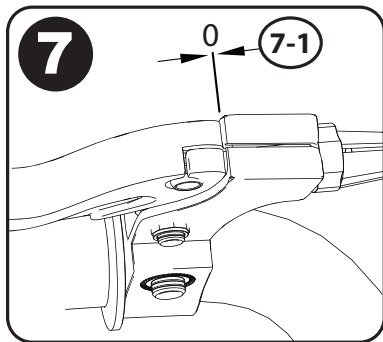
Step 6:

- Pull Brake Cable (6-1) tight.
- Tighten Cable Nut (6-2).
- Adjust Cable Nut (6-3) for 1.5 mm (1/16 in.) Brake Pad clearance.



Step 7:

- Make sure the Brake Lever is not loose (7-1).



continued >>

Seat Installation - continued

WARNING: If the clamping force of the Quick Release Lever is too light, the seat post can loosen while riding. This can cause injury to the rider or to others.

Tighten the quick release lever (fig C):

- Open and close the Quick Release Lever with one hand while you turn the Adjusting Nut (H) with the other hand.
- Tighten or loosen the adjusting nut by hand, so that you first feel resistance to the quick release lever when it perpendicular to the bicycle frame.
- Push the Quick Release Lever to the "close" position.
- When in the "close" position, make sure the Quick Release Lever lays against the Seat Post Clamp (G).
- The tightening torque of the Quick Release Lever should be tight enough so that the seat does not move during normal operation.

Seat Bolt Mount (various models)

Some models have a Bolt (I), Washer (J) and Nut (K) instead of a Quick Release Lever (fig D).

- If needed, loosen the nut enough to insert the Seat Post (E).
- Point the seat forward and insert Seat Post to the Minimum Insertion marks (B).
- Tighten Nut securely so it supports the rider without moving.

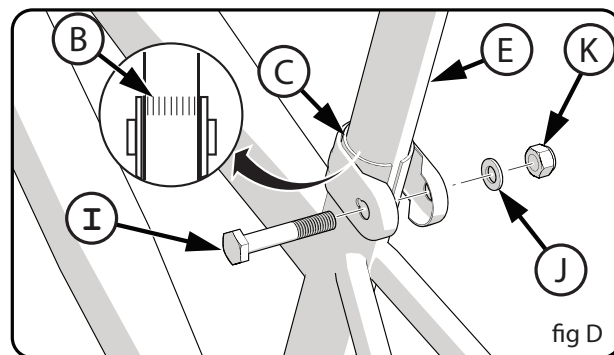


fig D

Testing Seat Clamp and Post Clamp Tightness

To test the tightness of the Seat Clamp and the Post Clamp:

! WARNING: Every time the quick release mechanism is loosened, make sure the red reflector is correctly positioned.

Try to turn the seat side to side and to move the front of the seat up and down.

If the seat moves in the Seat Clamp:

- Loosen the Seat Clamp.
- Put the seat in the correct position and tighten the Seat Clamp tighter than before.
- Do this test again, until the seat does not move in the Seat Clamp.

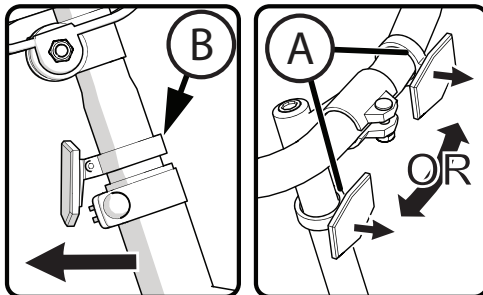
If the Seat Post moves in the Seat Tube:

- Move the Quick Release Lever to the "open" position.
- Put the seat in the correct position and tighten the Quick Release Lever tighter than before.
- If necessary, loosen Quick Release Lever, tighten Adjusting Nut and re-tighten Quick Release Lever.
- Do this test again, until the seat post does not move in the seat tube.

Reflector Installation (as equipped)

Reflector Installation:

1. Position FRONT Reflector (A) so it points straight forward.
2. Tighten Clamp Screw.
3. Position Seat Post Reflector (if equipped) (B) so it points straight backwards.
4. Tighten Clamp Screw.



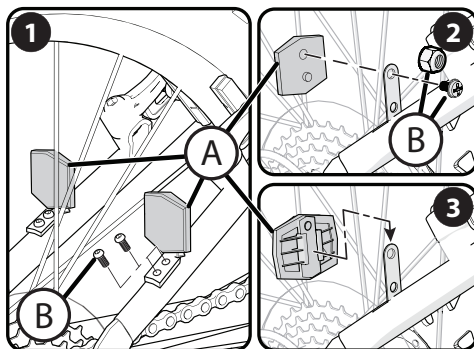
NOTE: Do not over-tighten. This will damage the Clamp.

DUAL REAR REFLECTORS (VARIOUS MODELS):

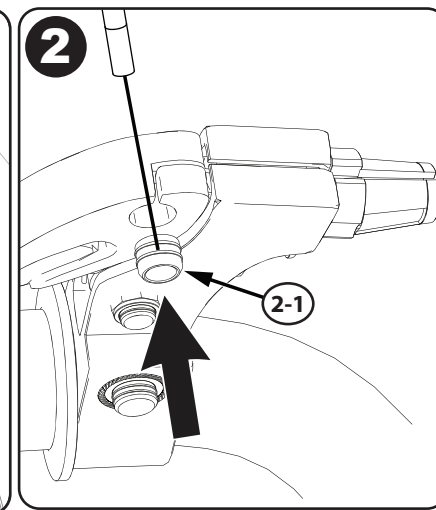
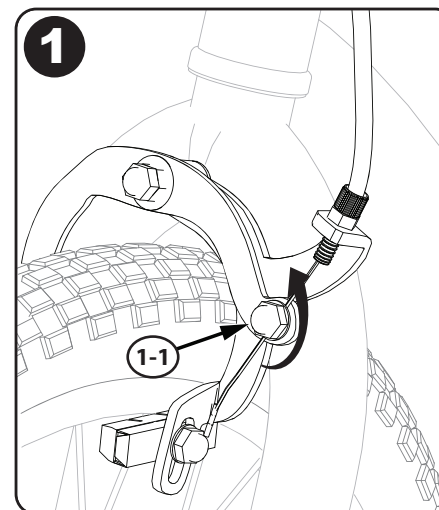
The Rear Reflectors (A) may be pre-installed on the bike chain stays. Make sure they are secure, not bent and are pointing straight backwards.

Installation (as needed):

- Place Reflector (A) in position as shown and attached with two supplied Screws (B).
- Tighten securely. Do not over tighten.



Caliper Rim Brake System Setup - continued



Step 1:

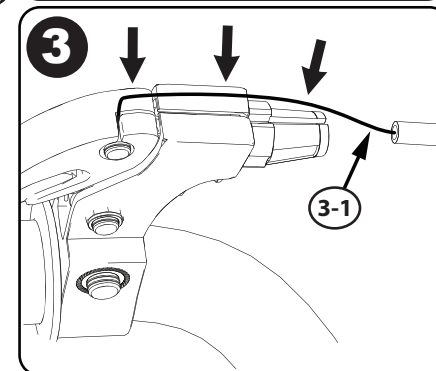
- Loosen Cable Nut (1-1) so that the cable is loose.

Step 2:

- Insert Cable Barrel (2-1) into Brake Lever.

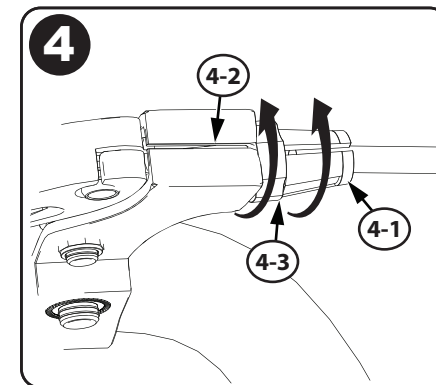
Step 3:

- Insert Brake Cable (3-1) into Groove as shown.



Step 4:

- Rotate Housing (4-1) Groove away from Cable Groove (4-2) and tighten Housing Nut (4-3).



continued >>

Caliper Rim Brake System Setup (various models)

⚠ WARNING: You must adjust the front brakes before you ride the bicycle.

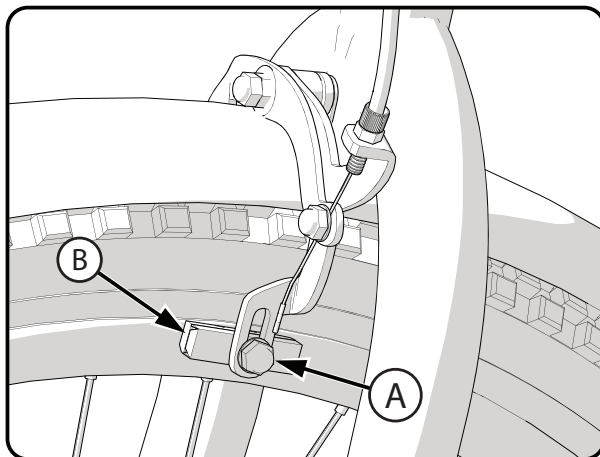
NOTE: FRONT AND REAR BRAKE SETUP IS THE SAME.

Step One: Put the brake shoes (B) in the correct position:

- Loosen the Screw (A) of each Brake Shoe (B).
- Adjust each Brake Shoe so it is flat against the rim and aligned with the curve of the rim.
- Make sure each Brake Shoe does not rub the tire.
- If the surface of the Brake Shoe has arrows, make sure the arrows point toward the rear of the bicycle.
- Hold each Brake Shoe in position and tighten the Screw.

Step Two: Test the tightness of each Brake Shoe:

- Try to move each Brake Shoe out of position.
- If a Brake Shoe moves, do Step 1 again, but tighten the nut tighter than before.
- Do this test again, until each Brake Shoe does not move.

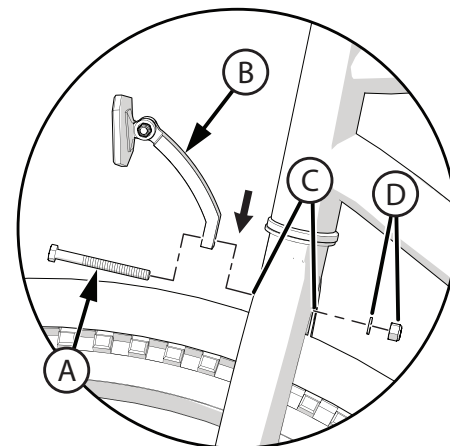


For Brake Pad replacement, see Maintenance section.

continued >>

Fork-Mounted Reflector Installation (if equipped)

1. With Fork pointing Forward, insert Bolt (A) through Reflector (B) and Fork Mounting Hole (C).
2. Install Washer and Locknut (D).
3. Make sure Reflector (B) is pointing straight forward and tighten Locknut securely.



Pedal Installation

⚠ CAUTION: There is a RIGHT pedal marked (R) and a LEFT pedal marked (L).

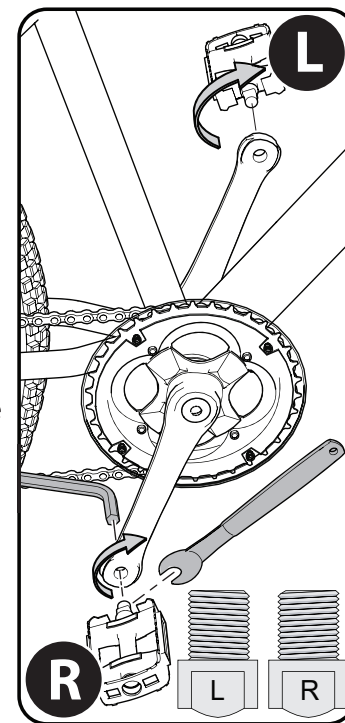
NOTE: A Pedal Wrench is preferred for attaching Pedals. A thin open end wrench can also be used.

- The pedal marked (R) has right-hand threads. Tighten it in a **clockwise direction**.
- The pedal marked (L) has left-hand threads. Tighten it in a **counterclockwise direction (anti-clockwise)**.
- Turn the right pedal marked (R) into the right side of the crank arm, and the left pedal marked (L) into the left side of the crank arm.

Tighten the pedals:

- Make sure the threads of each pedal are fully into the crank arm.

⚠ WARNING: Ensure pedals are secure in crank arms so they will not loosen. Periodically check tightness.



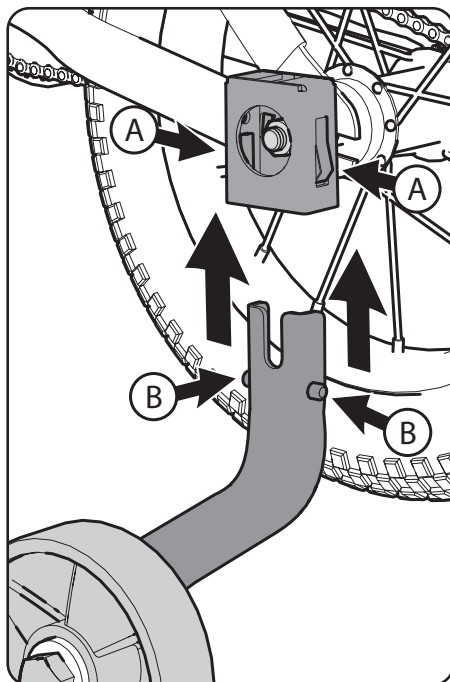
Training Wheel Installation

Insert Training Wheels:

1. Press buttons **(B)** then push **UP** until Training Wheel Brackets **CLICK** into place (one per side).

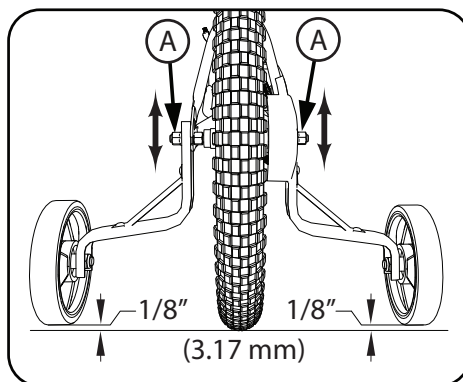
NOTE: To remove, press both Buttons **(A)** at the same time and pull down.

WARNING: Periodically check training wheels are secure and not loose.



Adjusting Training Wheel Height:

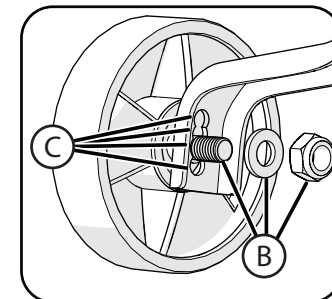
1. Make sure both Training Wheels are the same distance from the ground 3.17 mm (1/8 in.) and pointing straight down.
2. Tighten Axle Nuts **(A)** securely.



Training Wheels - continued

EZ BUILD MODELS: Adjusting Training Wheel Height:

1. Remove Washer and Locknuts from Wheel Bolts **(B)**.
2. Place Wheels and Bolts in proper Adjustment Hole **(C)** so that both Training Wheels are the same distance from the ground 3.17 mm (1/8 in.) and pointing straight down.
3. Reinstall and tighten Locknuts **(B)** securely.



OPERATION:

WARNING: Before each ride, make sure both axle nuts are tight. Also make sure both training wheels are the same distance from the ground.

WARNING: Failure to reinstall Axle Nuts securely can cause injury to the rider or to others.

WARNING: When riding with training wheels:

As your child's ability improves, you may raise and eventually remove the training wheels. Raising the training wheels little by little will help them learn to ride on the bike's two wheels.

- **To move the training wheels**, loosen the axle nuts, slide the leg to the correct position, and retighten the axle nuts.
- **To remove the training wheels**, remove the Axle Nuts and Training Wheel Legs. Then reinstall Axle Nut over Alignment Tab and tighten securely.

- Ride only on level areas.
- Do not ride on steep hills, uneven sidewalks, or near steps. The bicycle can tip over if a training wheel goes off the edge of the riding surface.
- Ride straight up and down sloped surfaces, because the bicycle can tip over when riding across sloped surfaces.
- Slow down at corners because you can not turn as quickly as bicycles without training wheels.