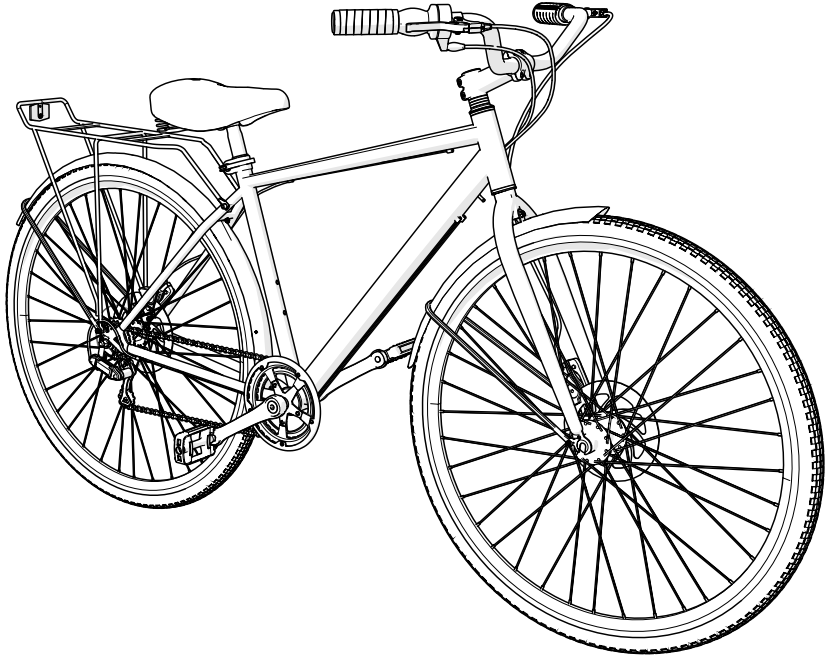




Date Code Label
Here

Owner's Manual for Road Bikes



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.

See back page for Customer Service Information

HUFFY

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Owner's Manual Index

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Back Cover:

- Return and Service Contact information
- Registration QR Code Link
- Assembly QR Code Link



IMPORTANT!! Before your first ride:

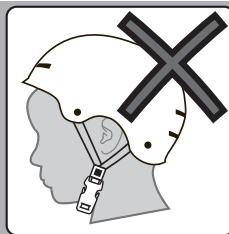
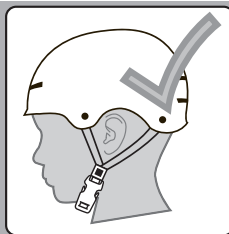
- Read entire manual, including all safety warnings.

See Maintenance section (as equipped):

- Check Tire Pressure
- Check Brake Adjustment
- Check Shift/Derailleur Adjustments

Helmet Warning Information

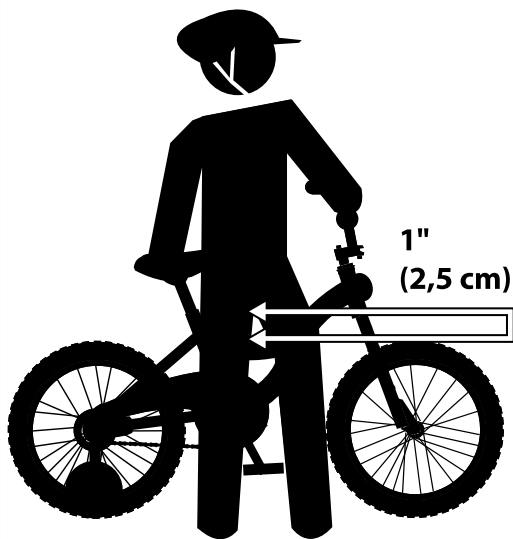
ALWAYS WEAR YOUR HELMET WHEN RIDING THIS PRODUCT!



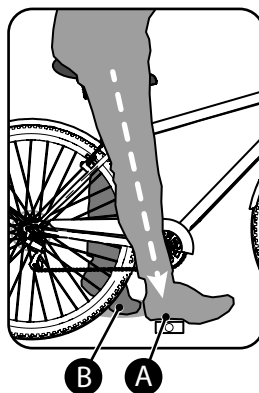
Always read the user manual that comes with your helmet to make sure it is fitted and attached properly to the wearer's head according to the fitting instructions described in the user manual.

Fitting the Rider to the Bicycle:

For safe and comfortable riding, there should be a clearance of no less than 1" (2,5 cm) between the crotch of the rider and the top tube of the bicycle frame while the rider straddles the bicycle with both feet flat on the ground.

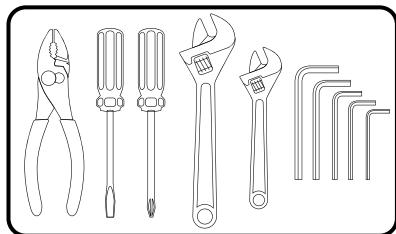


Adjust the seat height so that you can put the heel of one foot on a pedal with leg extended straight **A** - while still allowing the opposite foot to reach the ground with



tip of foot **B**. This will give your knees a slight bend when pedalling with the balls of the foot.

NOTE: See Bicycle Assembly section for further seat adjustment instructions.



Recommended Tools (Metric)



IMPORTANT!!

Read All Warning And Safety Information



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 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 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.

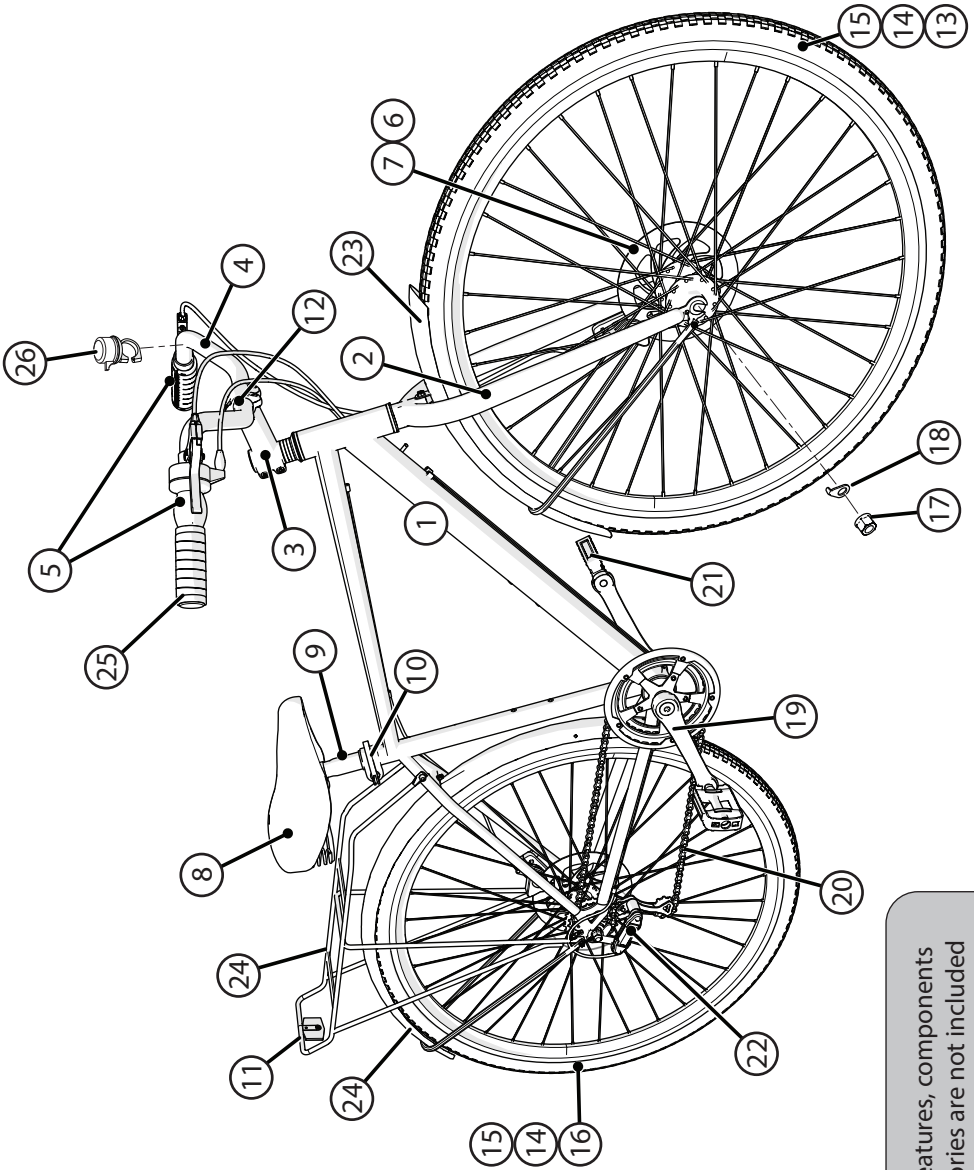
NOTE:

If product is assembled, please proceed to sections:

- Testing Stem, Handlebar
- Seat Clamp tightness.

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

- 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.
- Ride on the correct side of the road, in a single file, and in a straight line.
- If possible, avoid riding at night, dusk, dawn and any other time of poor visibility.
- **If you must ride at night or at time of poor visibility:**
 - Purchase, install, and use a headlight and taillight.
 - Headlights are required by all states for nighttime riding and taillights are required in some states.
 - Battery-powered lights or flashing safety lights are also recommended.
- **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.
 - Make yourself more visible to motorists.
 - Wear light-colored or reflective clothing, such as a reflective vest and reflective bands for your arms and legs.
 - Use reflective tape on your helmet.
 - Do not let anything cover the reflectors.
- **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, pot holes 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.
 - Do not add a motor to the product.
 - Do not tow or push the product.
 - Do not modify the product.
 - Replace worn or broken parts immediately with original equipment.
 - If anything does not operate properly, discontinue use.



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

#	Description	#	Description
1	Frame	14	Tire
2	Fork	15	Tube
3	Threadless Stem	16	Rear Wheel Assembly
4	Handlebar	17	Axle Nuts (x4)
5	Brake/Shifter Controls	18	Axle Safety Washers (x4)
6	Brake Disc (x2)	19	Crank/Sprocket/Bearing set
7	Disc Brake (x2)	20	Chain
8	Seat	21	Pedals (LH and RH)
9	Seat Post	22	Rear Derailleur
10	Seat Clamp	23	Front Fenders and Hardware
11	Rear Reflector	24	Rear Fenders and Hardware
12	Front Reflector	25	Grip Set
13	Front Wheel Assembly	26	Handlebar Bell (optional)

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.

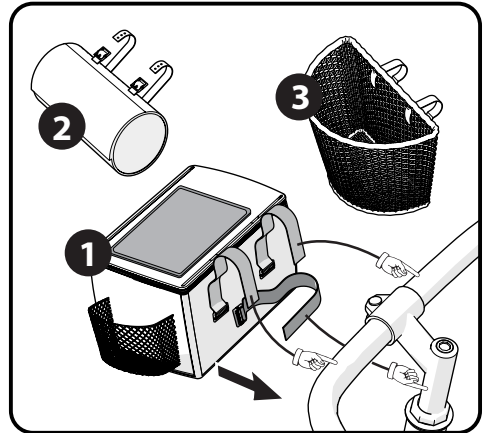
Do not dispose of the carton and packaging until you complete the assembly of the bicycle. This can prevent accidentally discarding parts of the bicycle.

Accessories (various models)

ACCESSORY INSTALLATION:

- Attach Accessory **1** **2** or **3** to Handlebar using the supplied Straps.
- Tighten Straps so Accessory does not move.

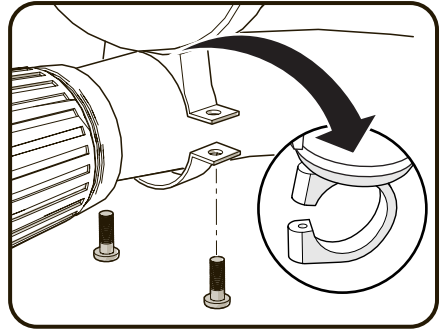
⚠ WARNING: Do not over tighten. The Straps may break. Do not block Reflectors.



HANDLEBAR BELL INSTALLATION:

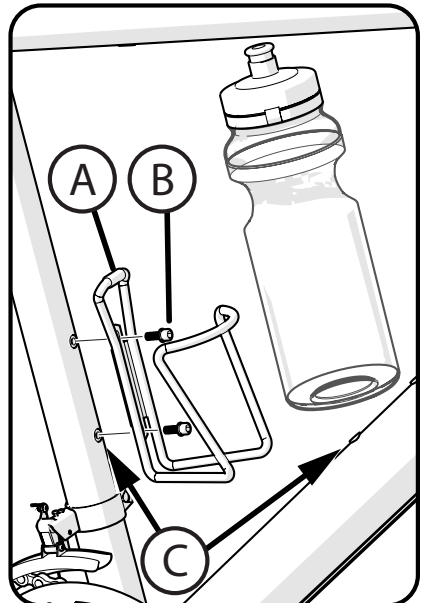
1. Remove screws from Bell.
2. Position Bell on handlebar within easy reach, with hands on the handlebar grips.
3. Install screws and tighten.

NOTE: Bell may attach with 1 or 2 screws.



WATER BOTTLE AND CAGE:

1. Remove the Water Bottle from the Cage **(A)**.
2. Locate the Cage Screws **(B)** - they may be packaged with the Water Bottle Cage or installed in the Bicycle Frame.
3. Position the Cage in the desired location and install the two Cage Screws through the Cage and into the Frame Nuts **(C)**.
4. Tighten securely. Do not over tighten, this can damage the Frame Nuts.
5. Insert the Water Bottle into the Cage as shown.



Installing the Front Wheel (light and fender optional)

WARNINGS:

- Do **NOT** use Axle Nuts **(G)** without serrations to attach the front wheel.
- 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: If any hardware is already attached, remove and set aside.

MOUNTING FENDER:

1. Insert Fender **(A)** up into Fork as shown.
2. Install Front Light and Mounting Bolt **(C)** through Fork and Fender Tab **(B)**.
3. Install Nut **(D)** securely.

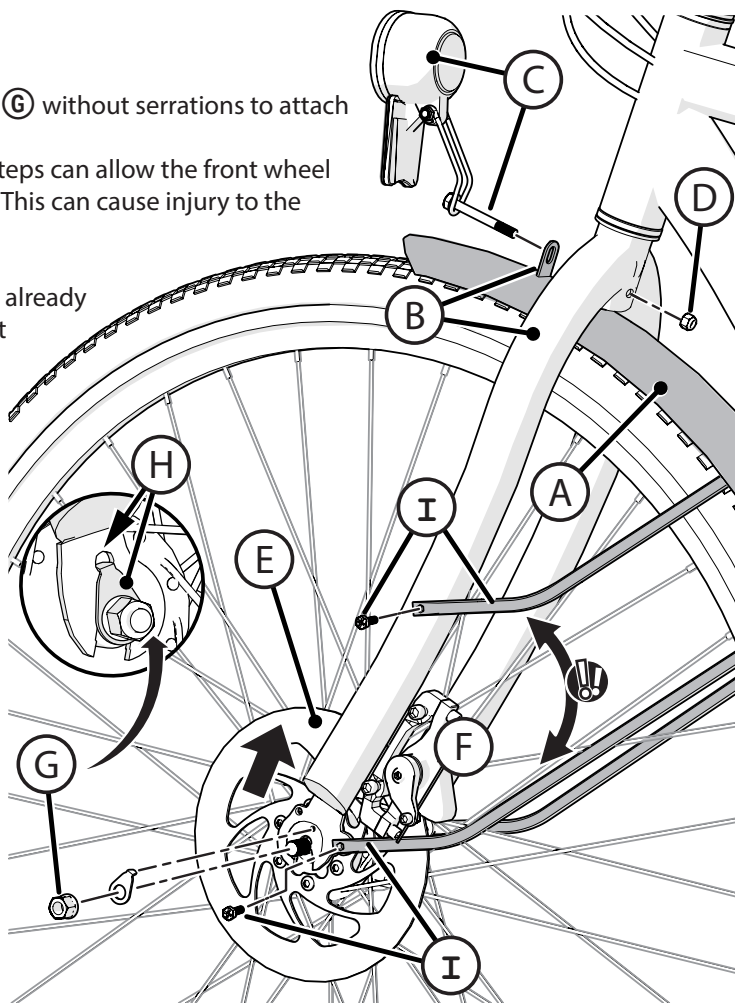
MOUNTING WHEEL:

4. Set the wheel into the Front Fork **(B)** making sure the Disc Brake **(E)** fits up into the Disc Brake Caliper **(F)**.
5. Install Wheel Retainers **(H)** making sure Wheel Retainer tabs are in the fork tab holes as shown.
6. Install Axle Nuts **(G)** with serrated surface facing **IN**.
7. With the wheel in the center of the fork, tighten both Axle Nuts securely. Ensure wheel spins freely without contacting fork or fender.

NOTE: If wheel rubs fender after assembly, loosen fender nut **(D)** and adjust as needed.

MOUNT FENDER BRACES:

Move Fender Braces so that lower mounting holes line up **(I)** and install one bolt on each brace securely - **NOTE:** Upper or lower location.



Handlebar and Stem Installation - Threadless Stem (as equipped):

CAUTION:

- Threadless Stem (B) should be installed with bike sitting on the ground and both wheels installed.
- Make sure Fork is fully inserted from the bottom and Front Brake is pointing FORWARDS.
- Disc Brake models: Disc Brake will generally be on the LEFT side of the Fork.

STEP 1:

1. Add Spacers (A) as needed for proper Gap (E).
2. Insert the Stem (B) fully onto the Fork Tube (C).
3. Point the Stem towards the front of the bike and in line with the fork and wheel.
4. With downward pressure on Stem, move bicycle fork/wheel back and forth so there is no looseness in Headset Bearings (D).

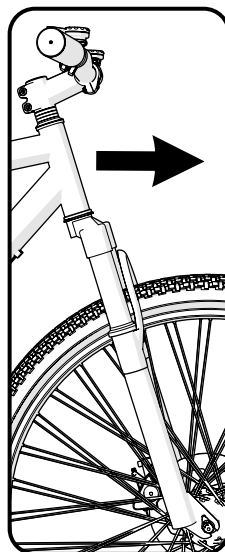
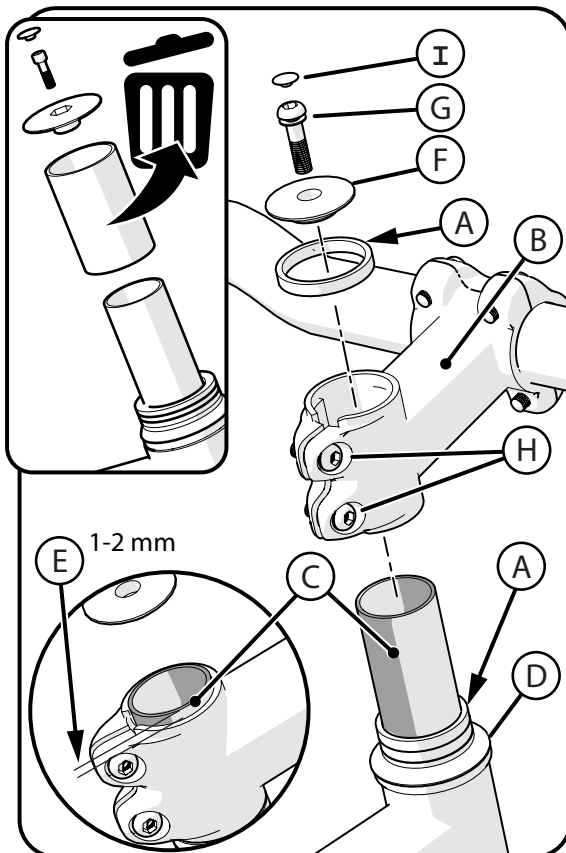
NOTE: Ensure the Steerer Tube (C) extends at least 1-2mm above the top of the Stem (E).

5. Place Cap (F) into stem and tighten screw securely (G). Try to move Fork back and forth. There should be no movement in Headset Bearings (D). If needed, redo above steps.
6. If supplied, insert Rubber Cap (I) securely.

STEP 2:

7. Tighten the stem bolts (H) securely.

WARNING: Ensure handlebar and fork turn left to right smoothly and without friction.



Handlebar Installation

2/4 BOLT STEM:

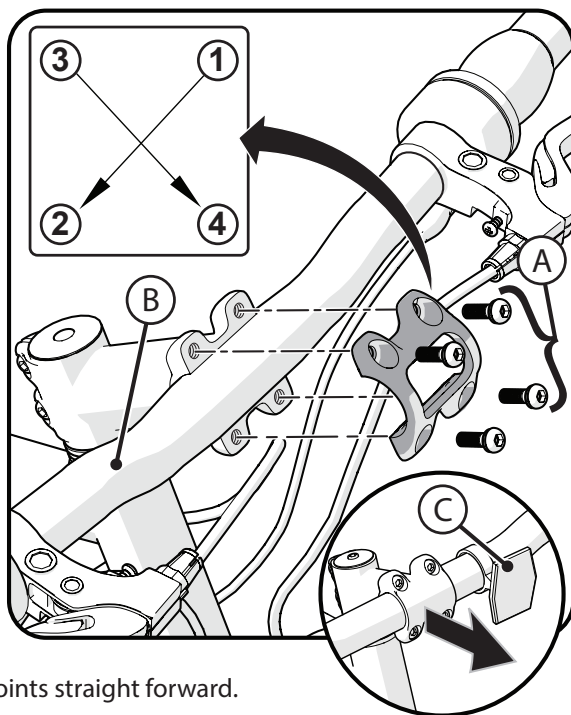
1. If necessary, loosen the Handlebar Clamp Bolt(s) (A) and rotate Handlebar (B) into a comfortable riding position.
2. Tighten Handlebar Clamp Bolts(s) (A) securely.

NOTE: On four bolt stems, tighten Bolts (A) evenly in a cross-pattern as shown. 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.

NOTE: (various models)

1. Position FRONT Reflector (C) so it points straight forward.
2. Tighten Clamp Screw.



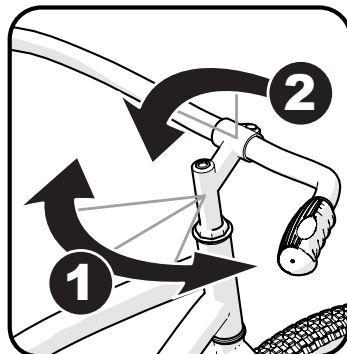
Testing Stem and Handlebar Tightness

TO TEST THE TIGHTNESS OF THE STEM:

- Straddle the front wheel between your legs.
- Try to turn the front wheel by turning the handlebar 1.
- 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 revolution only at a time) 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 2.



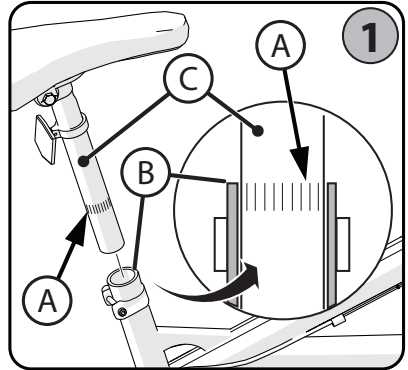
CAUTION: Do not exceed 100 lbs (45 kg) downward force.

Seat Installation

⚠ WARNING: To prevent the seat coming loose and possible loss of control, the “**MIN-IN**” (minimum insertion) mark **(A)** on the seat post must be **BELOW** the top of the seat tube **(B)**.

STEP 1 - INSERT SEAT POST INTO SEAT TUBE:

- If needed, loosen seat post clamp screw **(D)** or **open** the quick release lever **(E)**.
- Point the seat forward and put the seat post **(C)** into the seat tube **(B)** with the “**MIN-IN**” marks **BELOW** the top of the seat tube as shown.



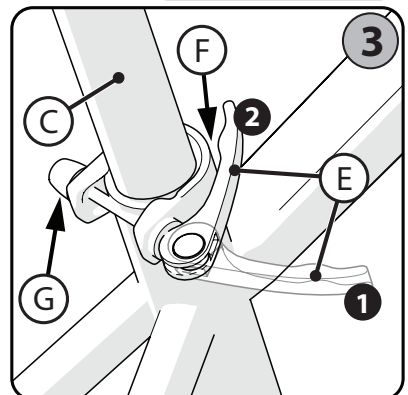
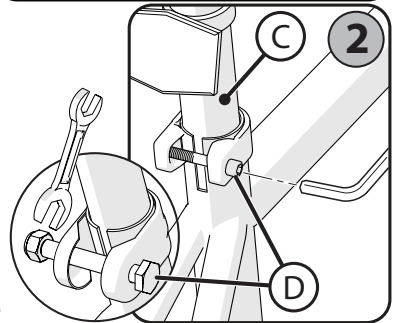
STEP 2 - BOLT SEAT CLAMP: (various models)

- With seat post **(C)** inserted according to **STEP 1** - Tighten screw **(D)** securely so seat supports the rider without moving.

STEP 3 - QUICK RELEASE LEVER: (various models)

CAUTION: Operate the quick release lever by **HAND ONLY - DO NOT USE TOOLS**.

1. As needed, open and close the quick release lever **(E)** with one hand and tighten or loosen the adjusting nut **(G)** by hand, so that you first feel resistance to the quick release lever when it is in the “**OPEN**” position **(1)**.
2. Push the quick release lever to the “**CLOSE**” position **(2)** - It will take **strong force** to clamp securely so that the quick release Lever lays against the seat post clamp **(F)**.

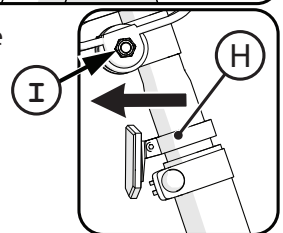


⚠ WARNING: You must use strong force to move the quick release lever securely to the “**CLOSE**” position **(2)**. This ensures that the seat does not move during normal operation.

NOTE: **(I)** Suggested Torque 20-22NM - Verify seat does not move while riding.

REFLECTOR: (as equipped)

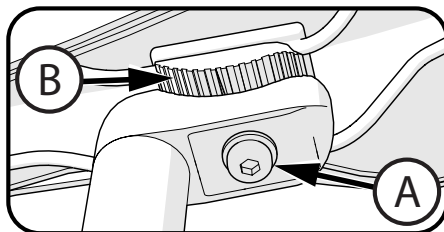
Position seat post reflector (if equipped) **(H)** so it points straight backwards. Tighten clamp screw.



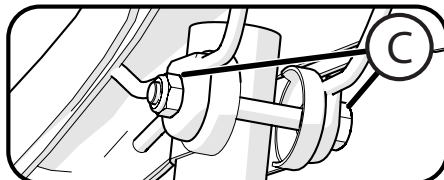
Seat Bolt Saddle Adjustment (various models)

SINGLE BOLT CLAMP:

1. Loosen the clamp bolt (A) sufficiently to allow any serrations (B) on the mechanism to disengage before changing the saddle's angle.
2. With serrations fully re-engaged and saddle in a comfortable riding position, tighten the clamp bolt (A) securely to ensure the saddle will not come loose.



⚠ WARNING: Serrations on the mating surfaces of the clamp can wear with use and adjustment. Check that the clamp is tight and secure before each ride.



DUAL CLAMP:

3. Loosen clamp bolt/nut (C) as needed and adjust seat to a comfortable riding position.
4. With clamp fully on seat post as shown, tighten bolt/nut (C) securely so that seat does not move when in use.

Testing Seat Clamp and Post Clamp Tightness

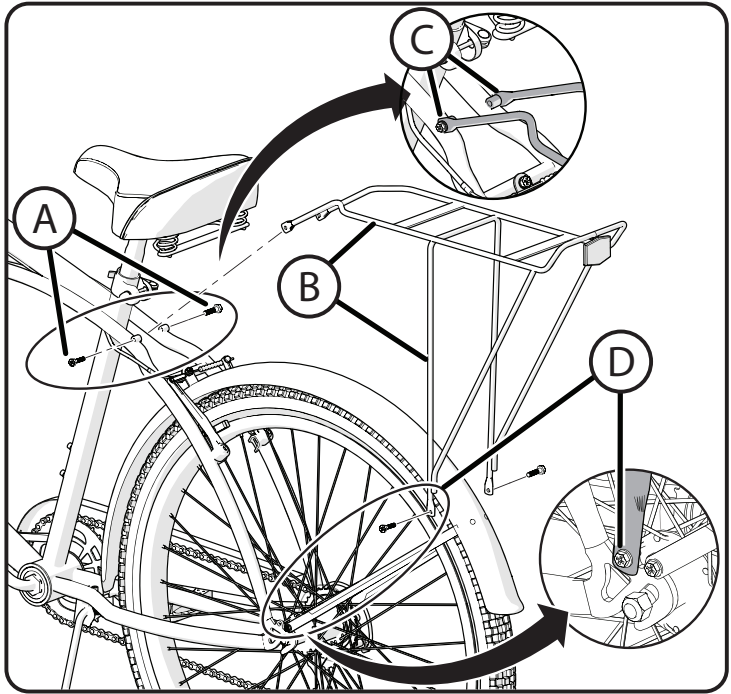
To test the tightness of the seat clamp and the post clamp:

- 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 nut.
 - 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 clamp:**
 - Loosen the seat clamp lever.
 - Put the seat post in the correct position and tighten the seat clamp nut tighter than before.
- If necessary, tighten or loosen hand nut so that quick release tightens securely.
- Do this test again, until the seat post does not move in the seat tube clamp.

Wire Luggage Rack Install - Frame Mount (if equipped)

NOTE: Rack styles may vary slightly, but will mount in a similar way.

NOTE: Some Racks may not mount with Washers.



STEPS:

1. Remove factory installed Socket Head Screws and Washers from Frame Stays (A).
2. Hold Rack (B) into position and insert Screws and Washers through front legs of Rack and into Frame Stays (C).
3. Remove factory installed lower frame mounting Hardware (D).
4. Install both lower legs of Rack onto Frame Tabs (D) with the mounting Hardware from **Step 3**. Tighten securely.
5. Tighten Frame Stay Screws (C) securely.

WARNINGS:

- Bicycle racks are not suitable for attachment of child-seat.
- The permissible load of the bicycle shall not be exceeded with additional weight from bicycle rack.
- Ensure all rack fasteners are secured and checked frequently.
- Do not modify the bicycle rack.
- Bicycle rack is not designed to pull a trailer.
- **WARNING:** Bicycle with added weight loaded on bicycle rack may behave and handle differently - particularly steering and braking.
- Secure any luggage accordingly to manufacturer's instructions and ensure that there are no loose straps that can become tangled in the wheels.
- Ensure that all reflectors are visible after loading items on bicycle rack.
- Evenly distribute all items on bicycle rack so they are evenly balanced.

Pedal Installation

CAUTION: There is a RIGHT pedal marked **R** and a LEFT pedal marked **L**.

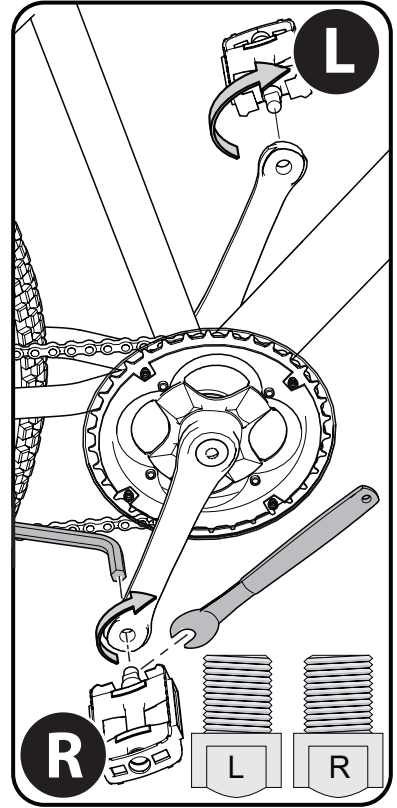
NOTE: A Pedal Wrench is preferred for attaching Pedals. A thin open-end wrench can also be used.

- 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.

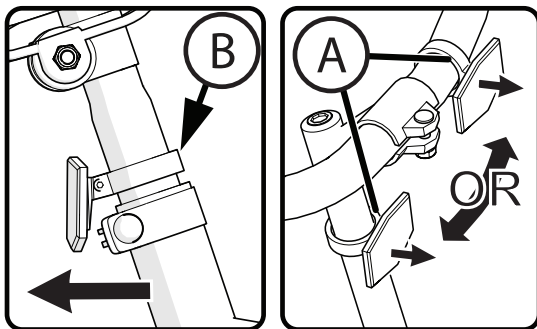


Reflector Installation (as equipped)

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.

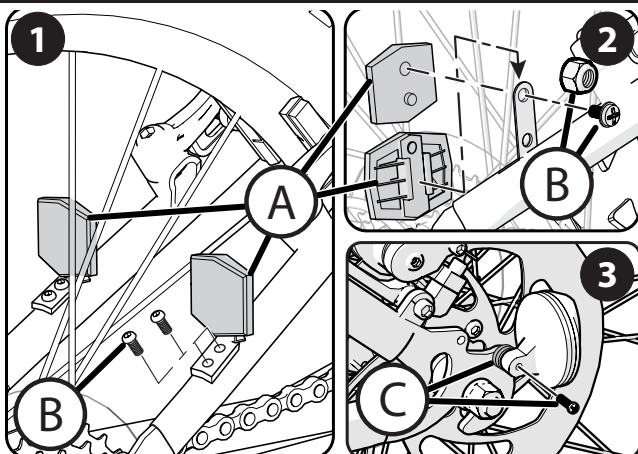
NOTE: Reflectors (A) either attach with Screws (B) or are SNAP on (see images).

1 BRACKET MOUNT: Attach Bracket to Chain Stay securely using Screws (B).

2 SCREW MOUNT: Attach Reflector to Bracket securely using Nuts/Screws (B).

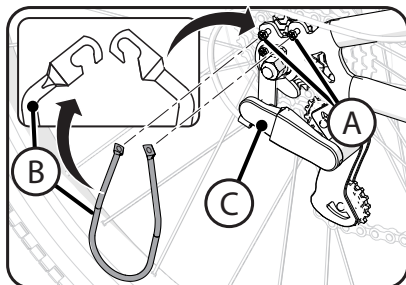
2 SNAP MOUNT: Slide Reflector DOWN onto Bracket until it SNAPS into place.

3 FRAME MOUNT: Position both Reflectors on Frame mount holes so they face straight backwards and attach securely with supplied Washers Screws (C) as shown - 2 Washers between Reflector and Frame.



INSTALLING DERAILEUR GUARD (ON SOME MODELS)

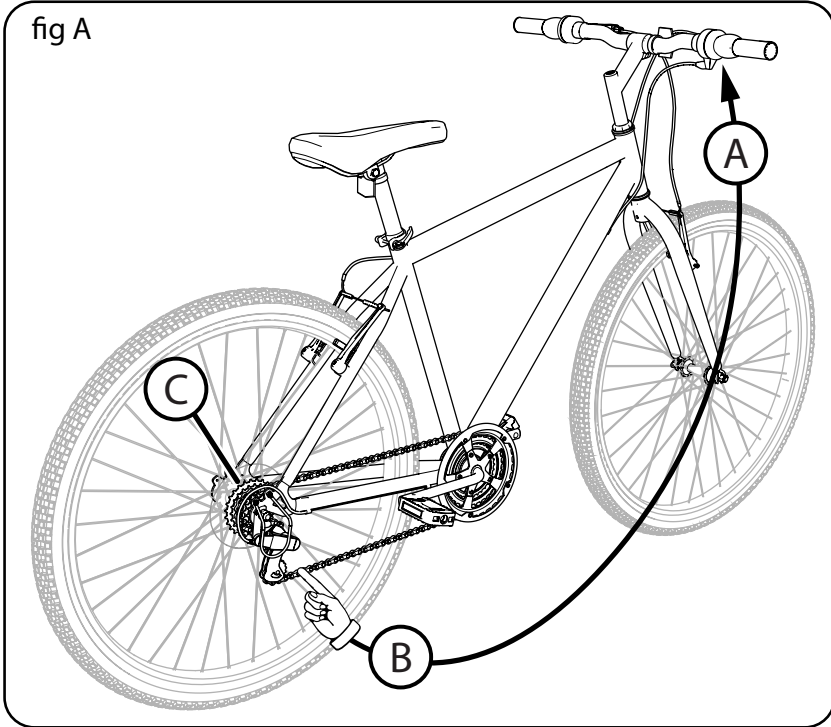
1. Loosen Screws (A) in Frame Tabs.
2. Hook Guard (B) over two Screws (A).
3. Make sure the Guard does not contact the Derailleur (C) when shifting gears.
4. Tighten Screws (A) securely.



Shift System

Parts of the Shift System: (fig A)

- Right-hand Shift Lever (A) operates the Rear Derailleur (B).
- Rear Sprocket Set (C).



Operation:

Operate the shift system as follows:

1. The rider turns the rear shift control around the handlebar (for twist shift models) or moves the shift lever (thumb shift models) to an index position
2. When the rear shift control moves into each position with a "click" sound, the shift is complete
3. The shift control pulls a cable wire that is attached to the rear derailleur.
4. The derailleur moves and guides the chain from one sprocket to another.
5. If there is some chain noise after the shift, turn the rear shift control a small amount to "trim" the rear derailleur.

continued >>

Shift System - continued

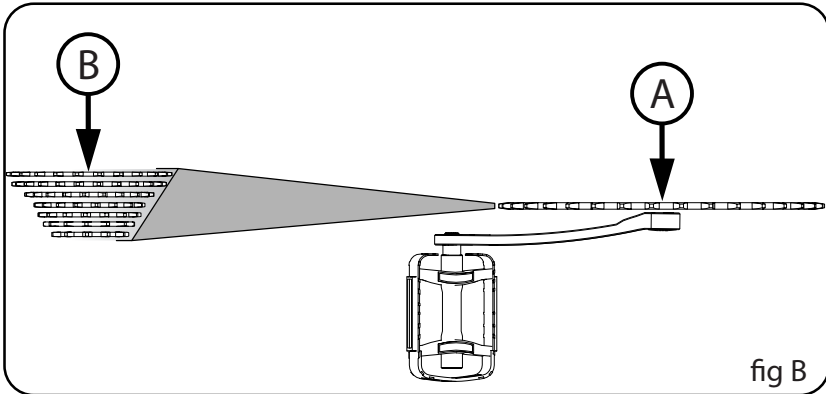


CAUTION: Do not force the shift lever. Shift only when pedaling forward and without strong force. Do not backpedal. Backpedaling can cause the chain to come off the sprockets. Backpedaling and shifting while not pedaling can damage the sprockets and stretch the cable wire.

There is no “correct gear” in which to ride the bicycle. The “correct gear” is the one that is comfortable to you.

To select a gear while riding (this model has only one Front Sprocket **(A)**) (**fig B**).

1. While pedaling, shift the chain onto different rear sprocket.
2. You will feel a difference in the rhythm and ease of pedaling.
3. Shift the chain to the gear that allows you to pedal at a rhythm and effort that is comfortable to you.
4. When riding uphill or against the wind, you may wish to shift the chain onto a larger rear sprocket **(B)**.



NOTE: These are general instructions. Please refer to component manufacturer’s documentation for product specific instructions.

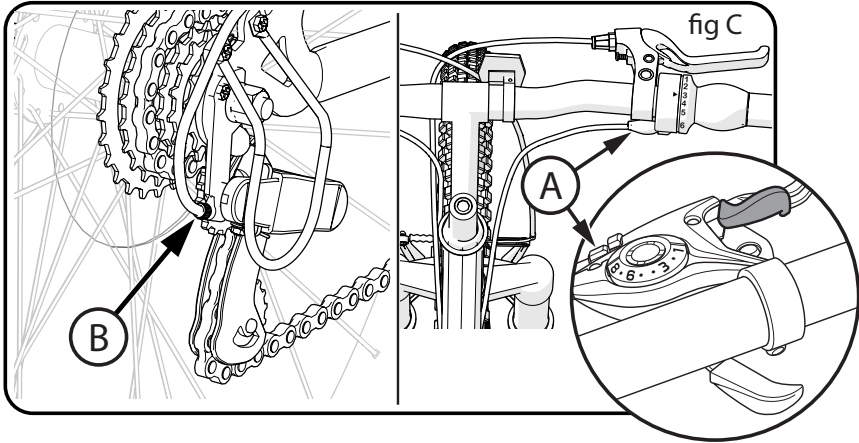
WARNING:

- 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.

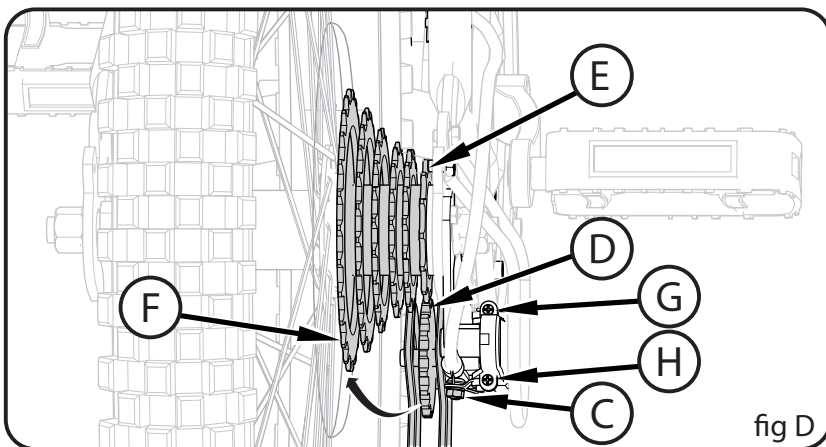
Rear Derailleur Adjustments

The rear derailleur has two adjusting screws. The “low” adjusting screw, sometimes marked **L**, limits how far the rear derailleur and chain can move toward the wheel. The “high” adjusting screw, sometimes marked **H**, limits how far the rear derailleur and chain can move away from the wheel.



Put the “high” adjusting screw in the correct position as follows (fig D):

- Shift the chain onto the smallest rear sprocket. Loosen Nut **C** of the cable clamp.
- Turn the lever Barrel Adjuster **A** and rear Derailleur Adjustor **B** all the way **IN** (**fig C**).
- Turn the “high” adjusting Screw **G** so the Jockey Roller **D** is in line with the outside edge of the smallest rear Sprocket **E** (**fig D**).
- Remove the slack from the cable wire and tighten the Nut of the cable clamp.



Rear Derailleur Adjustments - continued

Put the "low" adjusting Screw in the correct position as follows (fig D):

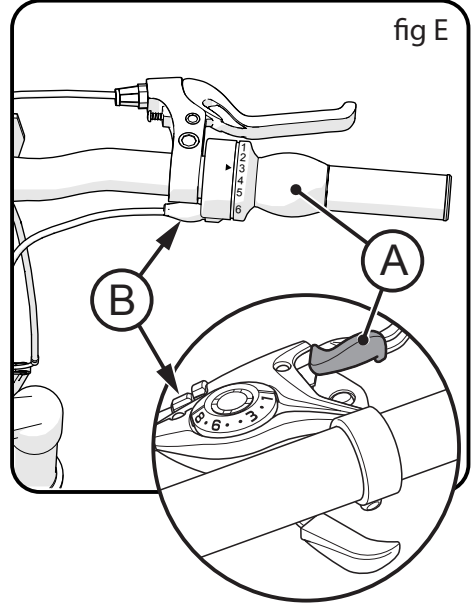
- Shift the chain onto the largest rear Sprocket (F).
- Loosen Nut of the cable clamp.
- Turn the "low" adjusting Screw (H) so the Jockey Roller is exactly below the largest rear sprocket.
- Tighten the Nut of the cable clamp.

Adjust the Index Shift System (fig E):

- Shift the chain onto the smallest rear sprocket.
- Without turning the crank, turn the Right Shift Control (A) one "click" rearward.
- Slowly turn the crank forward.
- The chain should move from the smallest rear sprocket to the next larger rear sprocket.
- Turn the Adjusting Barrel (B) OUT as needed so the chain moves exactly on to the second rear sprocket and does not rub, jump, or delay.

When adjusted properly, the shift system will operate smoothly with no chain rubbing.

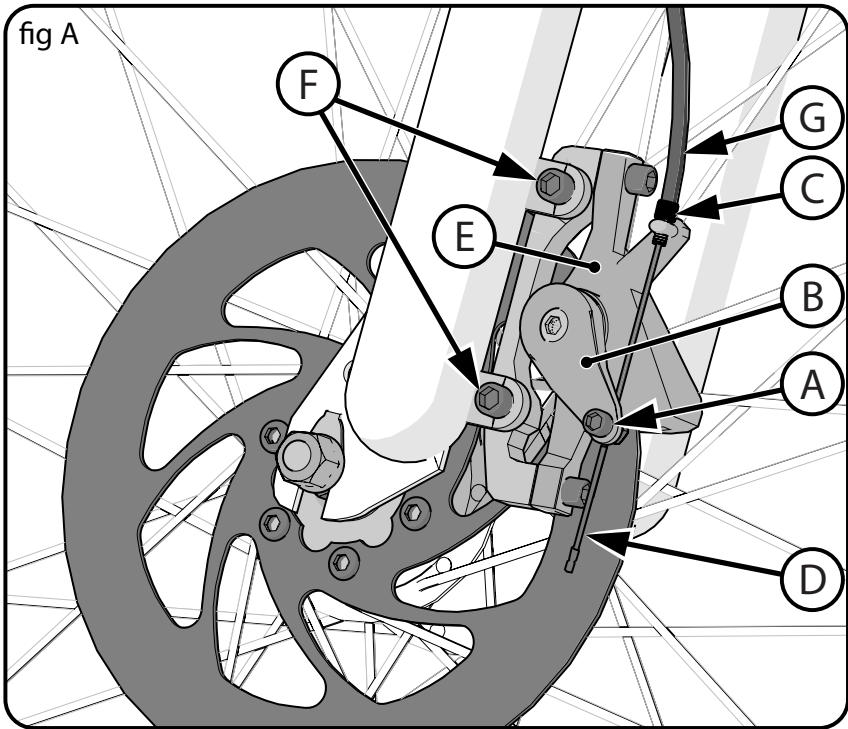
Note: If you have trouble, take the bike to a bike shop.



NOTE: These are general instructions. Please refer to component manufacturer's documentation for product specific instructions.

Disc Brake System Adjustment: (various models)

NOTE: For Hydraulic Brakes, see Manufacturer's instructions included with this product.



BRAKE ADJUSTMENT (see fig-A):

1. Loosen the Cable Clamp Bolt (A).
2. Push the Brake Arm (B) toward the Adjusting Barrel (C) (this applies the brake).
3. While holding the Brake Arm, pull the slack out of the Cable End (D) (through the Cable Clamp) and tighten the Cable Clamp Bolt (A).



WARNING: Do not over tighten the Cable Clamp. Over tightening the Cable Clamp may cut the Cable and cause injury to the rider or to others.

4. Pull and release the brake lever several times to set the Brake Cable.
5. Spin the wheel. It should spin freely. If the Disc cannot spin freely in the Caliper, the Cable might be too tight. Loosen the Cable Clamp Bolt and allow the brake arm to move away from the adjusting barrel – repeat steps 1 through 4 until the wheel spins freely.

NOTE: An initial gap of 0.3mm (0.01 inch) is recommended.

6. A properly adjusted Caliper is set such that, the pads contact the Disc at approximately 1/3 lever travel and stops the disc at approximately 2/3 lever travel.
7. Minor adjustment can be made by turning the Adjusting Barrel on the brake lever or the

Adjusting Barrel (C) on the Caliper. Turn the Adjusting Barrel OUT to tighten the brakes or IN to loosen the brakes.

NOTE: Make sure the Adjusting Barrel threads are fully engaged. Check adjustment again.

8. If you cannot reduce the gap by turning the Adjusting Barrel, the brake pads might be worn out and need to be replaced.

PAD REPLACEMENT:

1. Remove the Caliper Mounting Bolts (F).
2. Remove the Caliper assembly (E).
3. Remove the Brake Pads from the Caliper.
4. Install the new Pads using same type and size.
5. Install the Caliper assembly (E) to the mounts on the fork (front), or frame (rear) (front shown).
6. Tighten the caliper Mounting Bolts (F) securely.
7. Route the Cable (D) through the lower Adjusting Barrel (C) and Cable Clamp (A).
 - Ensure Cable Housing (G) is fully inside Adjusting Barrel (C).
8. Pull the Cable through the Cable Clamp, and tighten the Clamp (A) Bolt.

NOTE: Brake adjustment involves loosening the Cable Clamp Bolt. During installation, it only needs to be tightened enough to make sure the Cable End doesn't pull back through the Camp.

9. Adjust the Brake (as described above).

BRAKE SYSTEM MAINTENANCE:

- Check brake operation and adjustment before each ride.
- Keep the brake system free of dirt, mud, oil, and other foreign substances that will inhibit proper operation.
- Frequently check:
 - All components for damage.
 - The pads - for wear.
 - The lever - for smooth operation.
 - The cable - ensure there are no frayed ends, cuts, or kinks that inhibit operation. Add cable lube if the cable is dry.
 - All bolts and fasteners - ensure the bolts are tightened, replace any that are damaged.

NOTE: These are general instructions. Please refer to component manufacturer's documentation for product specific instructions.

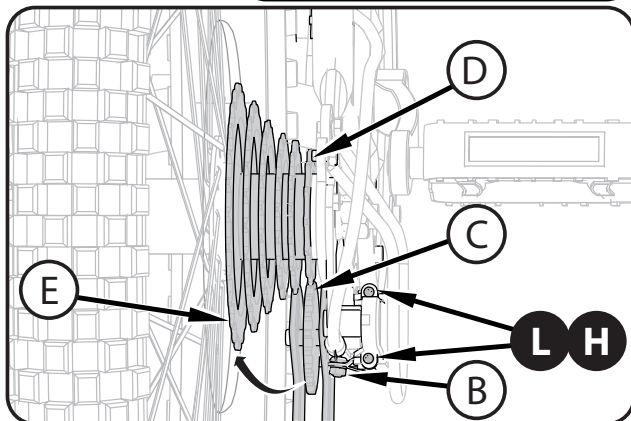
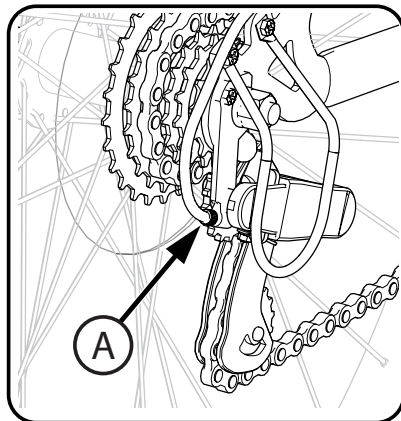
Rear Derailleur Adjustments

These instructions describe most adjustments that the shift system may need.

The rear derailleur has two adjusting screws. The “low” adjusting screw, sometimes marked **L**, limits how far the rear derailleur and chain can move toward the wheel. The “high” adjusting screw, sometimes marked **H**, limits how far the rear derailleur and chain can move away from the wheel.

Put the “high” adjusting screw in the correct position as follows:

- Shift the chain onto the smallest rear sprocket. Loosen Cable Clamp Nut **B**.
- Turn the rear Derailleur Adjustor **A** all the way IN.
- Turn the “high” adjusting Screw **H** so the Jockey Roller **C** is in line with the outside edge of the smallest rear Sprocket **D**.
- Remove the slack from the cable wire and tighten Cable Clamp Nut **B**.



Put the “low” adjusting Screw in the correct position as follows:

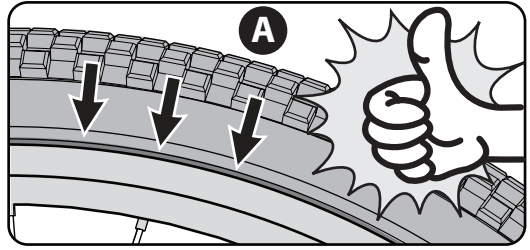
- Shift the chain onto the largest rear Sprocket **E**.
- Loosen Nut of the cable clamp.
- Turn the “low” adjusting Screw **L** so the Jockey Roller is exactly below the largest rear sprocket.
- Tighten the Nut of the cable clamp.

NOTE: Adjust Rear Derailleur Adjustor **A** as needed to ‘fine tune’ alignment.

Tires (as equipped)

MAINTENANCE:

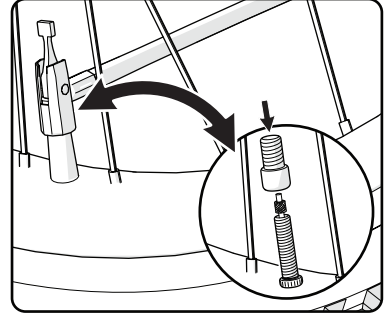
- Frequently check the tire inflation pressure because all tires lose air slowly over time. For extended storage, keep weight off of the tires.
- Do not use unregulated air hoses to inflate the tire/tubes. An unregulated hose can suddenly over inflate tires and cause them to burst.
- Replace worn tires.



⚠ 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.

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. Have a bicycle service shop lubricate the bearings once a year or any time they do not pass the following tests:

Headset 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:

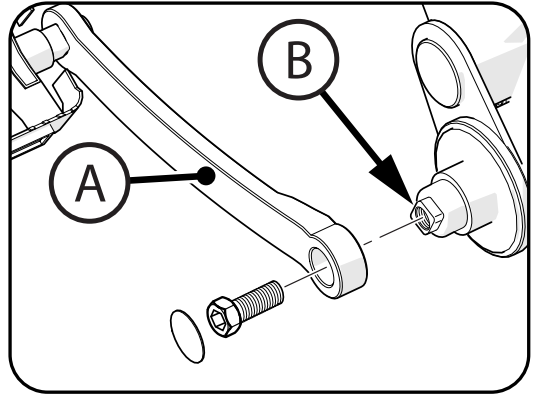
- The wheel spins freely and easily.
- The weight of the spoke reflector, when you put it toward the front or rear of the bicycle, causes the wheel to spin back and forth several times.
- There is no side-to-side movement at the wheel rim when you push it to the side with light force.

Three-Piece Cranks (various models)

Maintenance: Both Crank Arms (A) were tightened to the spindle (B) at the factory. After riding the bicycle the first few times, make sure the crank arms have not loosened. If either crank arm has loosened during this “break-in” period, re-tighten or have it tightened by a bicycle service shop.

Frequently check the tightness of the crank arms. If loose, tighten or have them tightened by a bicycle service shop.

⚠ WARNING: If you ride the bicycle with a loose crank arm, the crank arm may fall off. The spindle may also damage the crank arm.



Limited Warranty - US

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.

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. 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.

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.
- Steel Frame and Fork: Lifetime
- Aluminum/Carbon Fiber Frame: 10 years
- Shock Fork/Aluminum Fork: 1 year
- Electronics: 90 days
- All other components: 6 months

All warranties are from date of original purchase.

[USA]



**PLEASE - BEFORE RETURNING TO STORE:
Contact Huffy Customer Service.
We are glad to assist you
with any parts or assembly problems you might have!**

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[MÉXICO]

ANTES DE DEVOLVER EL PRODUCTO A LA TIENDA:

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For ASSEMBLY Help:
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