



## Singles speed & Fixed gear

BASEMENT | CYPRESS | PHANTOM

**Dear RIVA client**

*We are about to dive into a lot of information here - but first, we want to take a moment to thank you for buying one of our bikes and joining us in our mission to put people on the streets to explore their cities on two wheels.*

*Here at RIVA, we are inspired by the fact that we are part of the landscape. And there's no better way to exercise that feeling than on a bicycle.*

*We hope that your bike will help you open your eyes to new discoveries and that you find a new perspective among all those streets that will become familiar to you, and that this remains with you, even after the end of your journey.*

**Sincerely,**

**Your friends at RIVA Cycles.**

# Index

## Introduction

Warning.....	4
Indications of use.....	4/5

## Assembly and Adjustments

Assemble and Adjust your Bike.....	5
Required Tools.....	5
Torque Specification.....	5

## Assembling Your Bike

Install and adjust the handlebar.....	6
Adjusting the saddle to the seatpost.....	6
Install the seatpost.....	6
Install the pedals.....	6
Install the front wheel. ....	7
Adjust the chain tension. ....	7
Aligning the brake pads. ....	7
Adjusting shoe distance and brake cable tension.....	8
Tire Pressure.....	8/9

## Fixed or Single Speed

Setting up your fixed wheel RIVA.....	9
---------------------------------------	---

## Maintenance

Periodic Lubrication.....	9
---------------------------	---

## Warranty

Warranty terms.....	10
---------------------	----

## Warning

Cycling involves the same risk of injury or harm as any other sport. Thus, choosing to use a bicycle implies taking responsibility for that risk. Getting familiar with the safety rules is the first essential step to enjoy your bike. To reduce the risk of injury, follow the tips in this manual. However, this guide does not encompass all possible circumstances. Because not every situation can be predicted, and because we cannot provide every rule or mechanical skill for safe use, it is your responsibility to assess your skill set and cycling conditions.

That said, we are offering you as much information as possible to get you started on what we hope will be many years of responsible and enjoyable cycling.

## Indications of Use

Our urban bicycles are only suitable for use on paved streets and roads. Off-road use creates risks of equipment failure.

The bikes are designed for a maximum permissible weight of 110 Kg (including cyclist and luggage).

Only one person at a time must ride the bike.

Before every ride:

1. Make sure that the wheels are correctly tightened, and all spokes are intact.
2. Make sure the tires are in good condition.
3. Check the chain tension. There should be no visible slack.
4. Check that the brake shoes are positioned so that they touch the rim and not the tires.
5. Make sure that the seatpost and saddle are properly tightened and secure. They should not move in any direction.
6. Check that the stem and handlebars are properly aligned with the wheel. Lock the front wheel between your knees and try to move the handlebar sideways. The stem should not move.
7. Familiarize yourself with the legal requirements and traffic laws associated with using bicycles in your city.
8. Always take an anti-theft lock with you if you intend to leave your bike in a public place to prevent theft.
9. If your bike has pedals with foot-securing straps or clips, be sure to understand how they work. These pedals require special skills and techniques. Read the pedal manufacturer's manual for instructions for use, adjustments, and care.
10. Do you have Overlap on your bike? Smaller frames cause Overlap, where the tip of your foot meets the front wheel when making a turn. The way to prevent this from happening is to keep the inner pedal in

the upper position and the outer pedal lower when making a closed curve.

*Overlap can cause loss of control and fall. Ask your dealer for help in determining whether the combination of frame size, crankset length, and pedal type can cause Overlap*

11. Always wear a helmet when riding a bike.

## **Assemble and Adjust your Bike**

Invest time and care in assembling your bike, as improper assembly can make it unsafe.

If you are not familiar with bicycles, we recommend that you go to a bicycle shop or workshop with technical knowledge to assemble your bike properly and inspect it before your first ride.

### **Required Tools**

3 - Allen screwdriver - chain tensioner

4 - Allen screwdriver - handlebars, rear bolts, water bottle bolts, brake shoes, levers

5 - Allen screwdriver - stem, brakes

6 - Allen screwdriver - saddle seatpost

Wrench (15 mm) - pedals, wheel bolts

Torque wrench - To ensure proper tightening of bolts

Pneumatic bike pump for Presta valve (alternatively, you can use a Presta adapter for Schrader valves)

### **Torque Specification**

If you make adjustments to your bike, we recommend that you use a torque wrench and observe each bike component's recommended torque.

Front wheel nuts	22-27 NM
Rear wheel nuts	24-29 NM
Saddle nuts	12-17 NM
Seatpost clamp nut	15-19 NM
Stem bolts	17-19 NM
Steering gear bolt	17-19 NM
Central brake bolt	12-17 NM

## Assembling Your Bike

1. Unpack the bike, the pedals, the saddle, and the seatpost.
2. Remove the packaging carefully. Scissors and other sharp objects may scratch the frame.

### Install and adjust the handlebar

1. Loosen the four bolts on the stem (4x5mm) just enough to pass the handlebar through the opening.
2. Make sure that the handlebar is centered, then tighten the bolts carefully. Enough to keep the handlebars in place but still allowing movement
3. Position the handlebars to the desired angle relative to the frame, then finish tightening.

### Adjusting the saddle to the seatpost

1. Loosen the upper clamp bolt (6mm) just enough to move the seatpost up and down.
2. Adjust to your preference, then tighten in place.

### Install the seatpost

1. Apply a thin layer of grease to the bottom end of the seatpost
2. Loosen the lower clamp bolt with the 5mm Allen screwdriver and insert the seatpost in the desired position, **always respecting the minimum seatpost insertion mark.**
3. Tighten the bolt.

### Install the pedals

The pedals are identified with the marks L for left and R for right. The left pedal has a reverse thread, with counterclockwise tightening. The right pedal has a common thread, with clockwise tightening.

1. Apply a generous amount of lubricant to the pedal thread insert. This will make its removal easier in the future.
2. Tighten each pedal on its corresponding side with a 15mm wrench.

## **Install the front wheel.**

Although it is unnecessary, placing your bike upside down on the handlebars and saddle makes it easier to install the front wheel and adjust the chain.

1. Loosen the axle nuts (15mm) on the front wheel, only enough for the axle to be positioned on the fork.
2. After ensuring that the wheel is centered on the fork, tighten the nuts alternately. Tightening fully one side before the other can cause misalignment of the shaft bearings.

## **Adjust the chain tension.**

If your bike has chain slack, you will need to adjust its tension

1. Slowly loosen the rear wheel axle nuts (15mm) alternately, making sure not to loosen fully one side before the other.
2. To reach the desired tension, adjust the rear wheel closer or further from the frame. Our bikes have built-in tensioners that can help in this process but are not necessary. Slacken the rear wheel axle nuts slightly and position the wheel so that the chain is neither too loose nor too tight.
3. Be careful when adjusting chain tension and keep your fingers out of the way when the chain moves to prevent them from getting caught in the chainring.

## **Aligning the brake pads.**

1. Loosen the alignment bolts (5mm) of the brake shoes.
2. Align the shoes so that they are parallel to the curvature of the rim.
3. Make sure that there is the same distance between the shoes and the rim on both sides. Loosen the centering bolt on the brakes, then tighten the bolt.
4. The shoes should be between 1 and 2mm away from the rim to facilitate braking. If you do not feel the necessary tension, follow the steps below to adjust the brake cables.

## **Adjusting shoe distance and brake cable tension.**

The brakes must hold the wheel when the levers move about 1/3 of the way to the handlebars. The tension adjustment of the levers can be triggered to adjust the distance of the shoes.

Turn the regulator clockwise to increase the distance from the shoes or counterclockwise to reduce the distance. Note that the regulator can make only minor adjustments.

The primary method of adjusting brake tension is through the cable bolt.

1. Loosen the cable bolt (5mm) in the clamp, only enough to loosen the cable.
2. Squeeze the shoes with one hand until they touch the rim.
3. Pull the cable until it is tense. Make sure the lever is loose and that the cable conduit is intact.
4. Tighten the cable bolt, ensuring that the cable is directly positioned below the square washer.
5. Release the shoes.
6. Activate the levers to test the brakes. Repeat steps 1 to 5 if the brakes are too loose or too tight, changing the distance to the shoes as needed.

## **Tires**

1. Check the tire side for the pressure recommended by the manufacturer, expressed in **PSI**.
2. Use a pneumatic bicycle pump with a pressure gauge to inflate the tires by half. Then check that to see if the tire is seated correctly on the rim. Be sure to check both sides.
3. If you encounter problems, let some of the air out of the tires and reposition the tire by hand so that it fits perfectly on the rim.
4. Continue to inflate the tire to the pressure recommended by the manufacturer.
5. Do not exceed the recommended pressure as this may cause the tire to burst unexpectedly.
6. Do not use compressed air to inflate the tires, as the airspeed may cause it to come off the rim during the procedure.
7. **The warranty does not cover tires and inner tubes if the damage is caused by excessive pressure or punctures caused by streets in poor condition.**



## Setting up your fixed wheel RIVA

The Basement line is equipped with FLIP/FLOP type rear hubs. This means that it is possible to switch the bike transmission between the fixed gear and freewheel gear:

- 1 - Loosen the nut on the rear wheel chain tensioner until it is loose enough to be removed so that the axle moves to the frame's anterior limit.
- 2 - Loosen the axle nuts.
- 3 - Push the wheel towards the front of the bike to release the chain and slide it out of the gear.
- 4 - Remove the rear wheel and remove the nuts and washers from the axle.
- 5 - Turn the wheel and put it back on the frame.
- 6 - Replace the chain in the gear.
- 7 - Pull the wheel back so that the chain is stretched and tighten following the procedure for adjusting the chain tension informed above.

## Periodic Lubrication

What?	When	How
Levers	Every 6 months	Place a drop of oil on the pivot point of each of the levers
Brakes	Every 6 months	Place a drop of oil on the pivot point of each of the brakes
Brake Cables	Every 6 months	Place four drops of oil at the end of each cable. Let the oil drain along all the cables.
Pedals	Every 6 months	Place four drops of oil where the axles meet the pedals.
Chain	Every 6 months	Put a drop of oil on each link of the chain. Remove the excess with a napkin

## WARRANTY

RIVA Cycles offers a 10-year warranty for manufacturing defects for all our frames and a one-year warranty for all components.

Tires, inner tubes, saddles, handlebars, handles, brake pads, etc., are all classified as consumable parts and are not covered by the warranty as they suffer significant wear over time due to repeated use.

Our warranty also guarantees that all materials used in the frames and fork are of the highest quality and free from defects. The manufacturer's defects do not include damage due to improper use, negligence, abuse, incorrect assembly, change in original product configuration, labor costs for replacement parts, lack of maintenance and/or improper maintenance. RIVA Cycles will not fulfill any warranty claim related to such matters.

The warranty applies only to the original owner of the bike. To validate your warranty, you must register your bike online by completing the registration form. To activate the warranty, you must complete the registration process and attach a professional proof of assembly (a picture of the receipt is required) within 30 days of receiving the product. Without proof that a professional has assembled your bike, your warranty will be invalid. The limited 10-year warranty only applies to bicycle frames or frames purchased from an official RIVA Cycles dealer.

All warranty requests should be sent to [info@rivacycles.com](mailto:info@rivacycles.com). RIVA Cycles reserves the right to request photographs of the damage and may replace only the damaged part instead of the entire bicycle. RIVA Cycles also reserves the right to issue store credit at any time for warranty claims in which we cannot satisfy our customers based on current production schedules or for any other reason.

Visit [www.rivacycles.com](http://www.rivacycles.com) for more contact information.

All rights reserved. DTM- Design e Tecnologia em Mobilidade Ltda.