

# JUNOBIKE Riptide



**User Manual**

## THANK YOU FOR PURCHASING YOUR JUNO BIKE.

Please read and understand this manual fully  
before assembling and riding your bike.  
For an installation video or questions about your  
bike, please visit our customer support page!



INSTALLATION  
VIDEO



FOR EXPLORATION!

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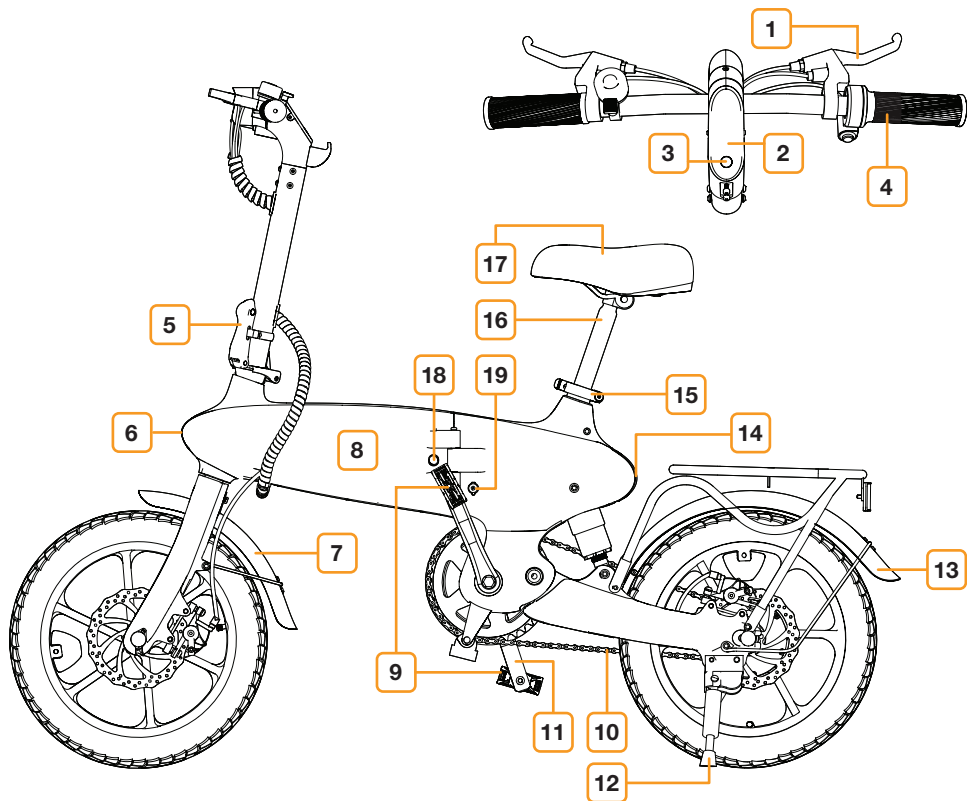
# PARTS & COMPONENTS

1. Brake Lever
2. Display
3. Power Button
4. Throttle
5. Riser Clamp
6. Headlight
7. Front Mudguard
8. Concealed Removable Battery
9. Pedals
10. Chain
11. Crank
12. Kickstand
13. Rear Mudguard
14. Taillight
15. Seat Tube Clamp
16. Seat Tube
17. Seat
18. Battery Switch
19. Charging Port

## What's in the box?

Pedals      Manual      Bike Tools  
Charger      Seat

Note: As we upgrade our eBikes, the one you own may be slightly different from the one shown in this manual, but how you use it shall be the same.



# SPECIFICATIONS

<b>BUILD</b>	Body material	Magnesium alloy
	Expanded size	1430 x 520 x 1090 mm (or 56.30 x 20.47 x 42.91 in)
	Packing size	1140 x 220 x 570 mm (or 44.88 x 8.66 x 22.44 in)
	Handlebar width	520 mm (or 20.47 in)
	Ground clearance	130 mm (or 5.12 in)
	Wheel size	16 in x 2.5 in
	Net weight	26.5±1 kg (or 58.42±2.20 lbs)
	Wheel base	980mm
<b>PERFORMANCE</b>	Load	120 kg (or 264 lbs)
	Riding speed	25 km/h (or 15 mph)
	Max speed	32 km/h (or 20 mph)
	Range in Throttle Mode	23±5 km (or 14.29±3.11 mi)
	Hill climbing capacity	15 degrees
	Operating temperature	-10°C - 45°C (or 14°F - 113°F)
	IP rating	IP54

<b>CORE</b>	Battery type	NMC Lithium
	Battery capacity	7.8Ah
	Battery rated voltage	DC36V
	Charging voltage	42V 1.5Ah
	Charger input voltage	AC100-240V
	Charging time	6-7 hours
	Motor type	Brushless DC motor
	Motor rated power	350W
	Motor rated voltage	36V
	Controller under voltage value	30±1V
Controller over current value	15±1A	
<b>FEATURES</b>	Headlight	Yes
	Taillight	Yes
	Adjustable seat height	Yes
	Braking	Front and rear disc brakes
	Rear Rack	Yes

# USING THIS MANUAL

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This manual contains details of the product, its equipment, and information on operation, maintenance, and other helpful tips for owners. Read it carefully and familiarize yourself with the ebike before using it to ensure safe use and prevent accidents. This manual contains many warnings and cautions concerning the safe operation and consequences if proper setup, operation, and maintenance are not performed. All information in this manual should be carefully reviewed and if you have any questions you should contact Juno immediately. The notes, warnings, and cautions contained within the manual and paragraphs are marked by the triangular Caution Symbol at the left side should be given special care. Users should also pay special attention to information marked in this manual beginning with NOTICE. Keep this manual, along with any other documents that were included with your bike, for future reference, however all content in this manual is subject to change or withdrawal without notice. Visit [support.junobike.com](http://support.junobike.com) to view and download the latest version. Juno makes every effort to ensure the accuracy of its documentation and assumes no responsibility or liability if any errors or inaccuracies appear within. Because it is impossible to anticipate every situation or condition that will occur while riding, this manual makes no representations about the safe use of bikes under all conditions. There are risks associated with the use of any bike that cannot be predicted or avoided and are the sole responsibility of the rider

# SAFETY INSTRUCTIONS

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## **ATTENTION!** Riding your eBike

- Do not use the eBike before reading this manual carefully and knowing your eBike thoroughly.
- This eBike is designed for riders aged 16-55. Anyone aged below 16 is strictly forbidden to ride this eBike.
- Do not cycle with only one hand.
- Do not lend your eBike to anyone who does not know how to use it, so as to avoid harm.
- When adjusting the steerer tube and seat tube, do not expose the minimum insertion marks.
- Before riding, check the tire pressure. It is advisable to maintain at 35-45 PSI.
- Before riding, ensure the power, lights, handles, brakes, wheels, reflectors are in good condition.
- Before carrying people or objects on your eBike, learn the local laws and regulations, and abide by them.
- Do not exceed the load capacity of 120 kg (or 264 lbs).
- Wear a helmet and obey traffic rules.
- Obey local traffic rules to keep to the right or left.
- Do not ride on any motorized lane or in any pedestrian crowd.
- It is advisable not to go over 15 km/h (or 9.32 mph) when riding on any non-motorized lane, downhill, or paved road.
- Slow down in rain or snow as required braking distances increase.
- It is advisable not to ride in storms or any extreme weather.
- Avoid impact on the motor.
- Keep the bearings lubricated.

# SAFETY INSTRUCTIONS

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## **ATTENTION!** Battery & Charging

- Always keep the charging port closed when not charging.
- DO NOT switch on the battery when charging.
- Do not connect the positive to negative, or vice versa. Do not damage, disassemble, or short-circuit the battery. Avoid water, other liquid, or other foreign matter inside the battery to prevent short circuit.
- Instructions in this manual must be followed when charging the battery, otherwise the owner shall take sole responsibility for any consequences.
- Charge the battery only at the temperature between 0°C (or 32°F) and 45°C (or 113°F), and discharge at the temperature between -20°C (or -4°F) and 60°C (or 140°F). The charging current should not exceed 1.5A. Charge only in a well-ventilated area, away from sun and heat.
- Always use the original charger provided to charge the battery. Connect the charger and battery before plugging the charger into the outlet.
- When charging, if the charging indicator appears abnormal, a smell is released, stop charging immediately. Service or replace the charger.
- To stop charging, unplug from the outlet before disconnecting the charger and battery.
- When the charging indicator turns green, stop charging.
- Charging should not exceed 12 hours each time.
- Do not leave the charger connected to any AC power source when not charging.
- When not in use, store the battery in a dry, cool place. Keep away from fire, heat and high temperature. Do not put the battery in acid or alkaline liquid. Make sure to charge the battery for two hours each month.
- Before using the charger to charge a different battery, note the battery type and voltage that the charger may apply to.
- It is advisable not to carry the charger with your eBike. If you must, place the charger in a toolbox upon shock absorption treatment.
- Do not disassemble the charger or replace the parts and components in the charger on your own.
- Waste battery is classified as hazardous. Do not disassemble the waste battery on your own. It should be collected and recycled properly.

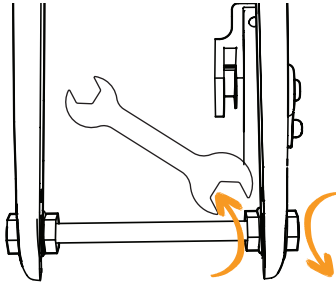
# STORAGE

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- Park away from direct sunlight and rain.
- Do not rinse the eBike. Wipe with a damp cloth to clean.
- Regularly check all screws and keep them fastened.
- Recommended torque specs: handlebar screw 60-80 kgf.cm (or 52.08-69.44 lbf.in), steering stem screw 175-200 kgf.cm (or 151.90-173.60 lbf.in), saddle screw 175-250 kgf.cm (or 151.90-217.00 lbf.in), and wheel screw 320-450 kgf.cm (or 277.70-390.60 lbf.in).
- Regularly check the tension of the chain, which can be adjusted via the chain regulator.
- Frequently check the tires for scratches, cracks or excessive wear. The inner tube and valve should be perpendicular to the wheel hub. Punctured, damaged or excessively worn inner tube and tire must be replaced immediately. Please contact professional technicians.
- It is forbidden to modify key structural parts including the frame, front fork and steerer tube, and any electrical parts. If damaged, replace with identical parts from our factory. Otherwise, the warranty shall be void and the owner shall take sole responsibility for any consequence.

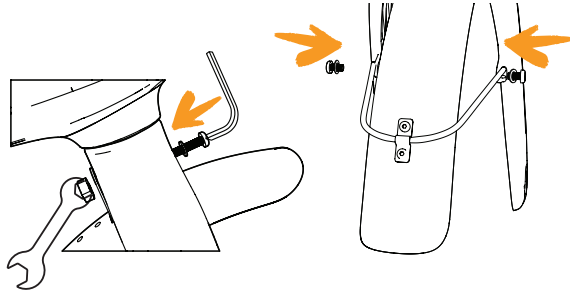
# ASSEMBLY

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## Front Fork Bridge

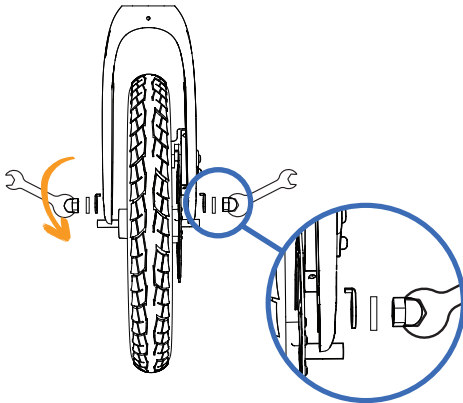
After removing the packaging, turn the nuts on the two hooks of the front fork with the wrench #17 counterclockwise, and remove the front fork bridge.



## Front Mudguard

Position the front mudguard and support bar so the mounting tabs on the mudguard line up with the holes at the back of the front fork. Insert a washer and screw from the front through each tab, then secure with a nut on the back side. Hold the screw with an M5 hex key and tighten the nut clockwise using a #10 wrench.

Next, align the support bar's left and right holes with the dropouts on the front fork. Insert a washer and screw into each side, then tighten both screws with the M5 hex key to firmly secure the mudguard.



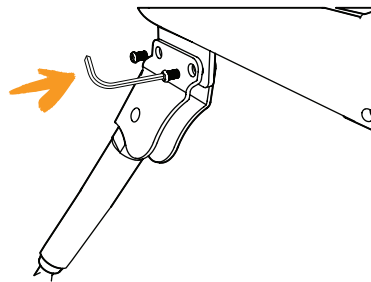
## Front Wheel

Slide the front wheel into the fork, making sure the disc brake rotor fits between the brake pads and the wheel axle is centered in the fork dropouts.

Insert the safety hook into the small pinhole on each fork dropout. Then place the washer and nut on each side of the axle.

Hold the axle steady and tighten both nuts clockwise with a #17 wrench until secure.

**Important:** The safety hook must be fully seated in the dropout pinhole before tightening.



## Kickstand

Align the kickstand with the dropout on the left rear fork, insert the washers and screws, and fasten clockwise using the M5 hex key.

# ASSEMBLY

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1.

Unfold your bike to align the front and the rear of the frame.



2.

Press down on the clamp until you hear a click!





**3.**

Lift up the riser and the handlebar. Once riser is straight close the riser latch until you hear a click!

**RISER  
LATCH**

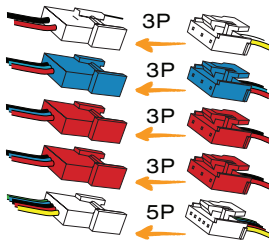


**MORE TO EXPLORE!**



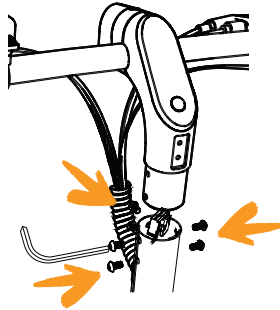
# ASSEMBLY

## HANDLES FOR HOLDING



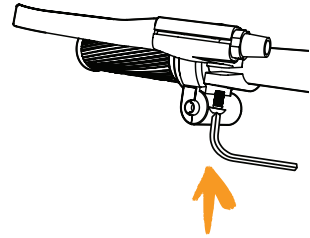
**1.**

Connect the connectors by color as shown above. (3P) 3 prong, (5P) 5 prong.



**2.**

Insert the handlebar, and fasten the six screws with wrench.



**3.**

Adjust the brake levers (left and right) to a comfortable position and tighten the screws on both sides sequentially using the M5 hex key.

## YOU CAN'T RIDE WITHOUT A SEAT!



**1.**

Open the seat tube latch and loosen thumb screw.



**2.**

Insert the seat tube into the frame. Adjust the seat to desired height, but never go below the minimum mark.



**3.**

Tighten the nut and close the latch. Push the seat left to right to confirm stability. If rotation occurs open the latch and tighten the nut further then close the latch. Repeat this process until the seat is stable with no rotation.

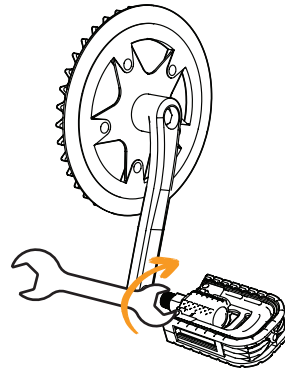
# ASSEMBLY

## PEDALING POWER



1.

Identify the L (Left) and R (Right) markings on the pedals, then match them to the corresponding crank arm threads.



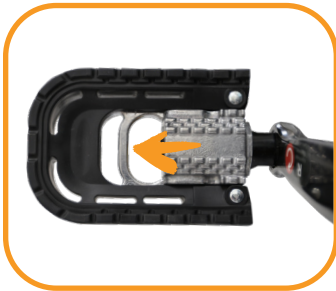
2.

Right (drive-side) pedal:  
Tighten clockwise (right-hand thread).

Left (non-drive-side) pedal:  
Tighten counter-clockwise  
(left-hand / reverse thread).

**Remember:** Both pedals tighten toward the front wheel and loosen toward the back wheel.

## PEDALS FOLD FOR STORAGE



**1.**

Place your finger on the silver peg in the center of the pedal,



**2.**

As you pull on the peg, the pedal will start to fold in, towards the bike.



**3.**

When the pedal is fully folded release the peg, you will hear a click!

# REMOVING BATTERY

On and Off Switch



Charging Port



**2 WAYS  
TO  
CHARGE!**

**When using the charging port on the side of the bike:**

Connect the charging cable with the charger, and then to the charger port on the frame.

**When removing the battery from the bike:**

After removing the battery from the bike locate the charger port on the side of the battery. Open the charge port cover. Connect the charging cable with the charger, and then to the charger port.

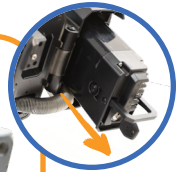


Frame  
Quick  
Release



## 1.

Power off the battery. Open the frame quick release to fold the frame of the bike. This will expose the battery.



## 2.

Lift the battery handle. Insert the battery key and turn it clockwise to release the battery. Pull the battery out using the battery handle.

The charging port has a light to indicate when charging is complete.

### RED

Battery is still charging

### GREEN

Charging is complete



# OPERATING INSTRUCTIONS

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**NOTICE:** DO NOT perform any of the steps in the Operation section of this manual until you have read this entire manual, since there are important details related to safety in the following sections.



Read and understand all sections of this entire manual before operating the bike for the first time. There are important safety warnings throughout the manual that must be followed] to prevent dangerous situations, accidents, damage to the bike, damage to property, injury, or death.



Users must follow the instructions and warnings contained in this manual for safety. DO NOT attempt to operate your bike from Juno Bike until you have adequate knowledge of its control and operation. Damage caused by failing to follow instructions is not covered under warranty and could result in serious injury or death. Contact Juno Bike if you have any questions about assembly or operation.



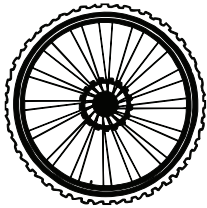
Users must become accustomed to the bike's power control system before operating. The pedal assistance feature is also a powerful option and users should fully research and understand how to operate it before first use. Not taking the time and care to familiarize yourself and practice the operation of the power system on your bike from Juno Bike can lead to damage, serious injury, or death.

## DRIVING RANGE

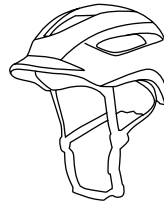
The range of your bike from Juno Bike is the distance the bike will travel on a single full charge of the onboard battery. The range values in this manual are estimates based on expected usage characteristics of bikes by Juno Bikes. Some of the factors that affect range include changes in elevation, speed, payload, acceleration, number of starts and stops, ambient air temperatures, tire pressure, and terrain.

We suggest that you select a lower assistance level when you first get your bike from Juno Bike to get to know your bike and travel routes. Once you become familiar with the range requirements of your travel routes and the capabilities of your bike, you can then adjust your riding characteristics if you so desire.

## BEFORE YOU RIDE



Check tire pressure, then congratulations! You are ready for your first ride!



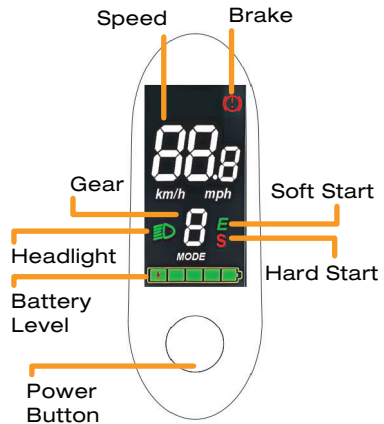
Don't Forget! Practice common sense & safety measures when riding your bike.

## LCD DISPLAY AND OTHER FUNCTIONS

**Display:** Press and hold the Power Button for three seconds to power on or off your eBike. (The eBike powers off automatically after ten minutes of inactivity.) Double-press the Power Button to switch between **Soft Start (E)** and **Hard Start (S)**.  
**Soft Start:** The acceleration with the throttle is slow.  
**Hard Start:** The acceleration with the throttle is fast.

**Headlight and gear:** Press and hold the Throttle Button to switch the headlight on or off. Press the Throttle Button to switch among gears.

**Brakes and taillight:** When braking, the power cut-off is indicated on the display. When any brake lever is not fully released, motor output is not engaged. When braking, the taillight turns on. The taillight may be controlled manually with the switch.



# WARRANTY

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## JUNO BIKE - LIMITED YEAR WARRANTY

Your Juno Bike and its accessories are manufactured to high quality standards. Your Juno Bike is warranted to the original purchaser for one full year from the original purchase date against defective materials or workmanship. This warranty applies to replacement parts only and specifically excludes wear and tear items including tire tread, tubes and break pads. This warranty becomes void if the original purchaser transfers the product to another individual.

If your Juno Bike suffers damage due to customer modifications and/or is used for any application other than for which it was designated, this warranty is void. This warranty does not include damage due to: (A) neglect, (B) accident, (C) unreasonable use, (D) improper maintenance or (E) any other causes not attributed to defects in material or workmanship. Any implied or otherwise explicit guarantees made through the merchandiser of this product are not covered in this warranty coverage agreement and are expressly disclaimed.

If you feel your Juno Bike isn't operating properly and may need a replacement part, contact Juno Bike at [support@junobike.com](mailto:support@junobike.com) for assistance.

# DISCLAIMER

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- Our company reserves the right to modify and give final interpretation to the product model, specification, and other information contained in this manual.
- The functions of the specific model referred to in this manual apply to this specific model only.
- The product model, specification, and other information contained in this manual is subject to any modification or change without notice. Without the prior written permission of the company, the contents of the manual may not be copied, modified, reprinted, disseminated or published in any form.
- Please read this manual carefully before using the product, and operate in accordance with the manual. Otherwise, the company shall not be liable for any personal or property damage, including damage to the product, caused by misuse or abuse.
- For more information, please visit our official website: [www.junobike.com](http://www.junobike.com)

# JUNOBIKE

# Riptide



DESIGNED IN THE USA

MADE IN CHINA

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5600 Airport Blvd. Ste C Tampa, FL 33634

To ensure the safety and enjoyment of your electric bike, please read the Operational Manual carefully and in its entirety before riding. Packaging illustrations are for demonstration purposes only. The appearance of actual product may vary. Please keep the original packaging.

