

### Introduction:

Please note, this is a serious document. While we make some jokes in here, please read thoroughly, and laugh. If you do not appreciate the snide comments, or are offended in any way, you should get over it immediately.

In addition to carefully following all assembly procedures, know this: When your electric bike is turned on, it is **ON**, so that means you need to be ready for any torque applied to the pedal, and do not attempt to service the eBike in any way with the power turned on! Certain authors of certain manuals have been known to damage their fingers in the chainring while neglecting such warnings. Allegedly.

**NOTE: Be careful of sharp staples on box!** We recommend wearing work gloves for all assembly and maintenance tasks. At Cyberbike safety is very serious. Please refer to a professional if you are—**IN ANY WAY**—not certain of your capabilities to perform the following instructions. Always make sure you have the latest revision by visiting “Support” at Cyberbike.us (Cyberbike.com after March 15, 2021)



Welcome to Cyberbike and thank you choosing America’s newest and most exciting brand of eBikes. The engineers and management at Cyberbike have decades of experience in Design, Development and Manufacturing in the Bicycle, Motorcycle, and Automotive industries. That experience is what led to all that that lies ahead for you in the enjoyment of your new Cyberbike.

Please fully review the instructions below before enjoying your first ride. If you are not mechanically inclined and experienced, it is important that a qualified bicycle mechanic/technician assemble and tune your eBike before riding, and be employed to properly MAINTAIN your Cyberbike going forward. With proper care and maintenance, your Cyberbike will provide many years of enjoyable transportation and adventure.

**Don’t be afraid to consult a professional— by asking questions you will learn a lot from the experts, and this knowledge will make your ownership experience more enjoyable and satisfying.**

Remember, this is a motorized vehicle, and you and anyone you allow to ride your Cyberbike are fully responsible to ensure that it is in safe operating condition. These vehicles require regular inspection and maintenance, and you should check for the operability and condition of all key components before every ride, or throughout the day when riding on rough terrain. These systems that you are responsible for include drive chain, gears and shifters, tires, wheels, braking systems, seating, and all related hardware and controls.

Please wear the appropriate protective gear for your type of riding- a quality helmet at the very minimum- and adhere to all local, state, and federal regulations applicable to your ride. **We endorse gear from Kali Protectives.**

**Safety means fun! Enjoy your Cyberbike!**

### Assembly

#### **Step 1.**

Tools required: Strong wire cutter or scissors

**Be careful of sharp staples on box!** The first thing to do when you open the box is, using



a wire cutter, clip the zip-ties which hold the front wheel and brake disk to the main assembly while it is still in the box. Alternately, you may completely open the box. Remove wheel and set aside. Do the same for the seat post/seat assembly by clipping the ties. Be careful to not damage the brake disk while it is exposed off the bike.

### **Step 2:**

Tools required: Strong wire cutter or scissors

Again being cautious of those damn staples (your author cut himself), remove the bike assembly from the box, careful to support the handlebars which should be loosely zip-tied to the main frame assembly. We recommend a bike stand, which you may use to mount the main "Seat Tube" portion of the frame, just above the rear suspension linkage. Alternatively, lay out a pad or blanket to prepare the bike for assembly, or support manually while performing step 5 below, or recruit another set of hands to assist.

### **Step 3:**

Tools required: Strong wire cutter or scissors

A.) Clip the keys off the handlebar. The key is required only for *removing* the battery, and is not necessary to operate the bike. The battery may be easily charged while on the bike, so unless swapping batteries or removing battery to charge separately, there is no need to remove the battery at all. For the most security, separate the keys and keep them in a safe place. Many people use a zip tie to re-secure one key to the handlebar, so it is always available. **DO NOT RIDE THE BIKE WITH THE KEY IN THE LOCK, THIS CAN RESULT IN THE BIKE SHUTTING DOWN UNEXPECTEDLY, AND/OR DAMAGE THE LOCKING MECHANISM.**

B.) If you do wish to remove the battery for charging, or to reduce the weight of your Cyberbike during set-up, follow these steps: Insert the key into the lock, turn counter clockwise, and remove the battery by pulling up firmly on the built-in battery handle. Charge your battery fully using the included charger. Remember, as with most Lithium Ion batteries, storing your eBike battery for long periods with the battery fully charged or fully discharged will lessen it's life somewhat. Batteries never ship fully charged for this reason, but should provide several miles of riding right out of the box if you don't want to wait to enjoy your new Cyberbike!

### **Step 4**

Tools required: Strong wire cutter or scissors

Clip remaining ties, removing all remaining foam packaging and protection,.. Be careful not to scratch your paint. Some small scratches and paint defects may occur in the manufacturing and transportation of your Cyberbike. Because Cyberbikes are designed for more rugged terrain than many, lesser eBikes, minor scratches come with the territory!

### **Step 5: Handlebars**

Tools required: Strong wire cutter or scissors; 4mm Hex/Allen wrench; Torque wrench

If your bike is not on a bike stand, these steps may be done with the bike on its side, laying on a blanket or pad until installing the front wheel and using the included sidestand. (We don't recommend using grass because the hardware may get lost.)

Remove the (4) 4MM Hex/Allen bolts holding the front handlebar clamp on the Stem and secure them. You will reinstall them in a moment. Don't lose them. Put them in a pocket or in a tray. Don't lose them. Place handlebar, centered into the stem and replace outer clamp. Reinstall the 4 bolts that you didn't lose. If you didn't lose them, skip ahead, if you lost them, you now must drag your sorry ass to the hardware store and get "M5 x 20mm stainless hex head bolts" for the adjustable stem on the Mullet, or "M6x22" (approx length) for the Frisco, when you'd rather be riding your new Cyberbike. You dumbass, I told you not to lose them. Call our support line for further ridicule. Just kidding, we've all done it.

Next, align the handlebar with markings inside the "window" on the steering stem cap and tighten the 4 bolts you didn't lose to approximately 4 Nm, or 3 foot pounds. We realize many people do not own a torque wrench, but your Cyberbike *is* a motorized vehicle. Therefore, proper torque of important hardware and components is necessary to ensure maximum safety. Your local bike shop or mechanic will also be a good source of service, assembly and maintenance if you are not sure what you are doing. Again, don't be afraid to consult a professional— by asking questions you will learn a lot from the experts, and this knowledge will make your ownership experience more enjoyable and satisfying.



### **Step 6: Front Wheel installation**

Tools required: Strong wire cutter or scissors

#### **Bandit:**

The Bandits “skewer” type axle is fairly straightforward, and we received few questions about its installation. Remove the front wheel “skewer” hardware that is zip-tied to the spokes, careful to not damage the spokes. Remove the end adjuster nut and reinstall exactly the same way through the wheel, with the springs positioned on either side of the wheel hub. Do not yet tighten. Put the wheel into the slots on the bottom of the front forks, CAREFULLY aligning the brake rotor into the front brake caliper. It should fit easily, but if there is slight rubbing when spinning the front wheel, we will adjust the brake caliper (only if necessary). Now tighten the axle nut until flipping the quick release lever fully tightens the axle, which may require a brief trial-and-error to secure. You should become accustomed to the necessary force required, or you should seek professional assistance in doing so. The final flip of the lever should be quite firm and clearly make the axle tight with approximately 10 lbs of force. Check operation of front brake (right lever on handlebar)

#### **Mullet Models:**

Mullet models: The “Boost” axle on your front fork is the latest in performance hardware, really an integral part of the chassis of your Mullet Evo and Mullet Pro. Combined with the wider, tubeless ready wheels, high performance, all weather Maxxis Forekaster tires, and Wolf 34mm diameter forks with myriad suspensions adjustments, your Cyberbike Mullet matches specs with some of the most expensive All-trail eMTBs in the segment.

To install your front wheel and axle into the forks, first remove all packaging material and recycle it (just kidding, that foam isn’t recyclable, but we try to re-use as much as possible and are quite successful with that effort. Otherwise our packaging would be an environmental disaster.) Hey, you’re not running a two-stroke motocross bike this weekend, you’re on an eBike, so you are a part of the Solution. Be proud.

**Your front wheel spacers are zip-tied to your front hub.** Remove spacers by clipping zip ties and reassemble on hub. We get a lot of questions, it’s a tight fit.

The stepped spacer fits through the large washer, which then sits FLUSH against the wheel bearing. Don’t worry about the alignment of the internal tube, and you may have to straighten it. The bearings may need to seat after the first time you install the wheel, but this will happen as you tighten the axle. Here are some detailed pictures to help:





Now, insert the wheel between forks and align the holes on the wheel/spacers with the holes in the forks. CAREFULLY align the brake rotor into the front brake caliper. from right (non-disk) side. It should fit easily, but if there is slight rubbing when spinning the front wheel, we will adjust the brake caliper (only if necessary). Rotate using handle (handle can be pulled out, counter-rotated and re-engaged to tighten) Rotate crank handle clockwise by hand until tight.



### Adjusting Brake Calipers:

Now is the time to make sure your brake calipers are aligned, by using the oval screws on the mounting brackets. If your wheel mounted and tightened correctly and straight, and you get what seems to feel like intermittent rubbing on the disk, the slotted mounting points on the brake calipers allow you to loosen the caliper mount slightly, engage the brake lever, and position the caliper to clear the brake disk slightly between the brake pads and either side of the brake rotor. Tighten and recheck for alignment. A little rubbing is natural, especially when new, but if you hear a coarse or grinding sound when the wheel turns, immediately check this important system and **do not ride until you are certain it is adjusted and operating correctly. See these pictures or consult a professional before riding if you are not certain about the adjustment or operation of your brakes.**



Oval caliper  
adjusters

### **Step 7: Pedal installation**

Tools required: 15mm or adjustable crescent wrench

Install pedals by threading into crank– **they are not identical! The left pedal threads in counterclockwise.**

Tighten fully using wrench.

### **Step 8: Seat, Cable routing and personal adjustments .**

Riding your new Cyberbike before installing the seat can very dangerous and kinky. At Cyberbike, we won't judge you, but you should probably keep this particular perversion to yourself and/or seek psychiatric care from a professional. Next, insert the seat stem into the seat tube and adjust to your liking. Snug the lever and then flip to clamp. Your legs should not be quite fully extended (10-15 degree bend) when the pedal is at the bottom lowest of the rotation of the crank. It is also a personal choice. Inside the box near the top is taped one final cable clip. Please remove and install on the left main spar of the frame near the front of the bike. This clip simply snaps into place over the brake line. **AGAIN- WATCH OUT FOR SHARP STAPLES ON THE BOX! You should still be wearing your work gloves, anyway.**

### **Step 9: Personalize your cockpit**

Tools that may be required: 2.5, 3, 4, and/or 5mm Hex/Allen wrench

This next step is where you adjust the position of the brake levers and control module on the bars, and adjust the reach of the brake levers for your own liking. Your Cyberbike offers customizable positioning of levers and controls, along with the seating. You may loosen, adjust, then retighten the pinch bolts and clamps which hold on your grips, levers, control head (power and settings buttons) display. **Adjusting your "cockpit" to fit your size and comfort zone is important to maximizing your control of your Cyberbike!**

### **Ready to ride?**

Wait! Have you read your operator's manual? There are instructions in there on how to better— and more safely— enjoy your Cyberbike, you should read it before shredding.

**First and foremost Let's go over how to operate the brakes and power systems of your Cyberbike.** The most important part of your bike, once it is assembled correctly and ready-to-ride, is the braking systems, and it is critical that you know and are fully comfortable operating these powerful hydraulic disk brakes, and that they are adjusted and operating. Quiz question: what's most important? If you said, "brakes," you are correct. You may now turn on your bike!

**Caution, when the bike is on and the power level is at "1" "2" "3" "4" or "5", rotating the crank at all via the pedal, ANY AMOUNT, will result in forward movement from the powerful motor system on your Cyberbike. Be ready!** and get accustomed to it. Make sure you fully inform anyone who might touch your Cyberize of these details, for everyone's safety.

OK, now, let's turn on your Cyberbike by holding down the power button on your control head, mounted on the left handlebar. Your Cyberbike should start at "0" power level, and this is a good place to start, if not level "1". You will be tempted to focus on the voltage display, the power settings or your speed on the display. Your safest and best performance will be with "EYES UP" at all times, and "level pedals" whenever coasting.

We thank you for choosing Cyberbike, and look forward to your valued feedback.  
Ride safe and have fun!

## **Maintenance.**

1. Try to not store your battery for long periods fully charged or depleted, 40% is optimal for storage
2. Avoid storage in excessive heat or cold. Remember your Cyberbike battery will perform a little less efficiently in temperature extremes.
3. Keep your brake rotors clean of oils and debris. Contamination may require replacement of brake pads.
4. You or your bike mechanic should regularly check all hardware, along with brake systems
5. Do not ride with damaged brakes, wheels, gearing, shifting components, or with damaged controls, or to wires or electrical components. This is important.
6. Spokes. Adjusting spokes and truing the wheel are best left to professionals until you are adept at such maintenance.
7. For more advanced derailleur adjustments, we recommend Park Tools excellent online videos for self-service.
8. We recommend an appropriate torque wrench for bicycle service, along with a variety of other useful— and sometimes necessary— tools for proper Cyberbike maintenance