

- Version 01, Year 2023 -



# Favorite Hybrid

A guide to a assemble your Favorite e-bike

UPDATED 4.10.2023  
DESIGNED BY FAVORITE INC

**“RIDE YOUR  
FAVORITE  
E-BIKE AND  
SEARCH  
FOR TOURS  
& TRAVEL  
ACTIVITIES  
AROUND YOU”**

**-FAVORITE INC**

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# ASSEMBLY INSTRUCTIONS

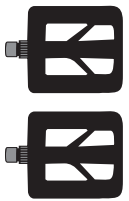
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Preparation: Please take out the e-bike from the box and remove all packaging. Then open the small parts boxes and get tools, parts, etc.

# What is in the Box



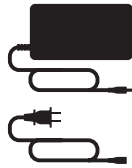
## Packed Separately



Platform Pedals



Y- Wrench



Charger



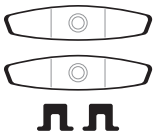
15mm Wrench



Favorite RFID



2mm Allen Wrench



Spoke Reflectors



F/R Reflectors



Manual



Battery Key x 2



Favorite Display

# Unpack the Bike and Install the Stem

## Step 1:

With the assistance of another person who can safely lift heavy objects, take out the e-bike from the box. Remove the packaging and get two small boxes, which contain your charger and accessories.

## Step 2:

Make sure the stem is properly aligned with the front wheel.

## Step 3:

Install the top cap and tighten the top cap bolt using an Allen wrench. Please do not overtighten the top cap bolt. While holding the stem and front wheel aligned, tighten the bolts evenly in a crisscross pattern.

Tool: 4mm Allen key



## Step 4:

Use an Allen wrench to loosen the stem clamp bolts and remove the front light.

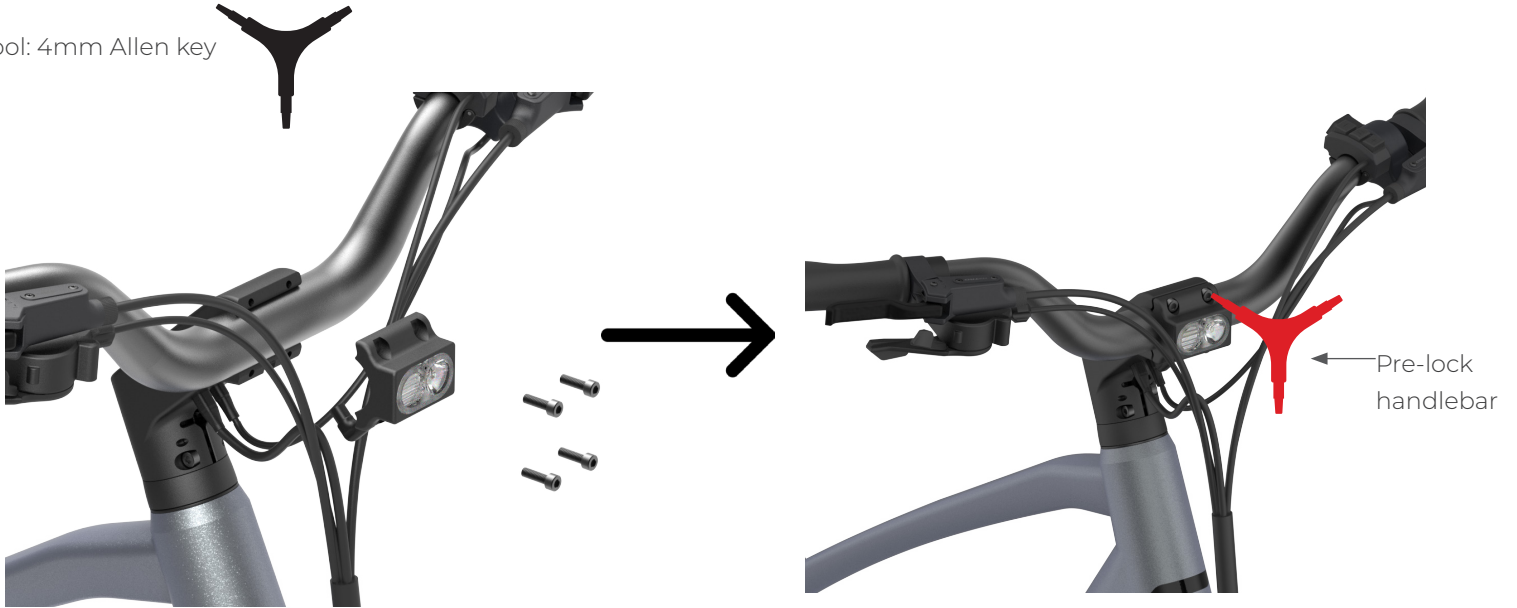


# Install Handlebar and Seat Post

## Step 1:

Center the handlebar on the front ring of the stem. Tighten four bolts evenly in a crisscross pattern.

Tool: 4mm Allen key

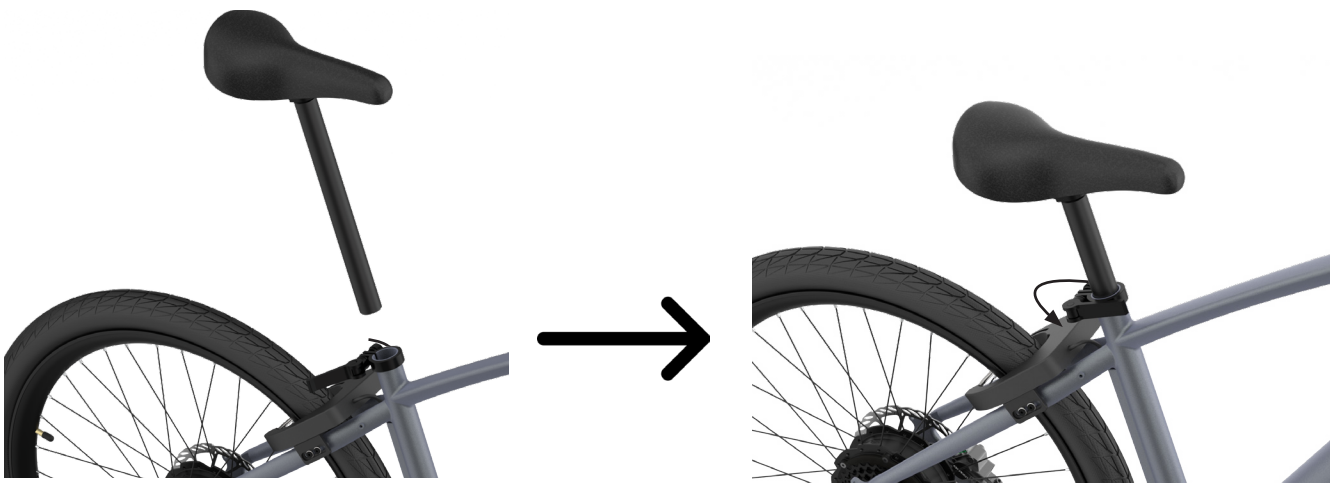


## Step 2:

Loosen the seat post clamp by unscrewing the bolt. Insert the seat post into the tube and adjust it to your desired height.

## Step 3:

Adjust the tension by turning the nut clockwise (tighten) or counterclockwise (loosen). Close the quick-release lever to secure the seat post in place.



# Install Front Wheel

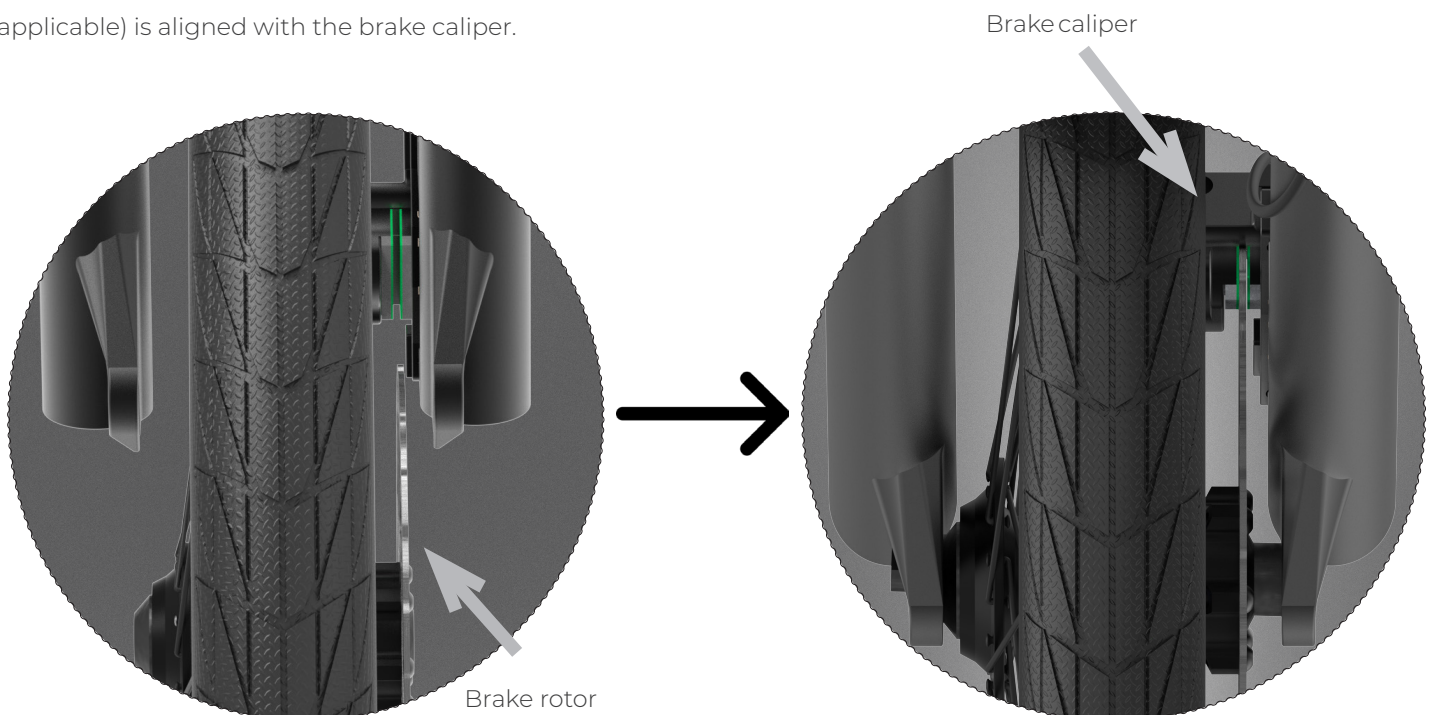
## Step 1:

Remove the drop protection. You may need to exert some force to remove it. Then ensure that the bike is in a stable position, either in a bike stand or upside down.



## Step 2:

Carefully insert the wheel axle into the fork dropouts, making sure that the wheel is centered and the brake rotor (if applicable) is aligned with the brake caliper.



# Install Front Wheel



### Step 3:

Insert the quick-release skewer through the wheel hub, with the lever on the non-drive side (opposite side of the chain). Make sure the springs on the skewer are positioned with the narrow ends facing inwards and have the preload spring in the sequence shown below.

### Step 4:

Thread the nut onto the end of the skewer on the other side of the wheel. Tighten the nut until it is snug against the fork dropout but still allows the lever to move. Close the quick-release lever to secure the wheel in place. Make sure the wheel is firmly seated and the quick-release lever is tight.





# Wheel Alignment

## Step 1:

Stand over the bike and look down at the handlebars, comparing the front wheel with the handlebars. While holding the front wheel between your legs, twist the handlebars until the wheel is aligned with the handlebars and fork.



## Step 2:

Tighten the top cap bolt with an Allen wrench. This will preload the headset bearings. Do not overtighten the top cap bolt, as this may cause the headset to bind and affect steering.

Tool: 4mm Allen key



## Step 3:

Tighten the stem clamp bolts evenly in a crisscross pattern. Apply equal pressure to both bolts to ensure even clamping force.

Tool and Torque : 4mm Allen key 4-6 Nm



# Handlebar Adjustment

## Step 1:

Stand over the bike and grasp the handlebars with both hands. Rotate the handlebars to adjust the angle until you find a comfortable position.

For drop bars, a common starting point is to have the drops parallel to the ground or angled slightly downwards.

For flat bars, make sure the grips angle slightly upwards.

## Step 2:

Reach out to the brake levers and check their position. Your wrists should be in a neutral and comfortable position when grasping the brake levers. A common starting point for the brake lever angle is to have the levers pointing downward at a 45-degree angle.

## Step 3:

Once you find the desired brake lever angle, tighten the clamp bolt using an Allen wrench. If you have a torque wrench, follow the torque specifications. Otherwise, tighten the bolt until it is snug but not overtightened, as this may cause damage to the brake lever or handlebar.

Tool and Torque : 4mm Allen key 5-7 Nm.

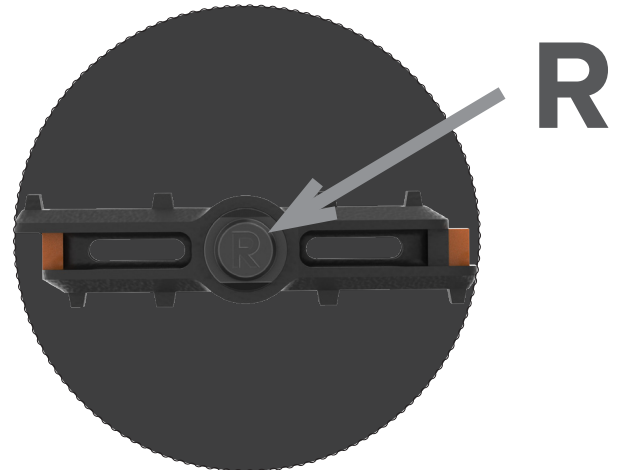
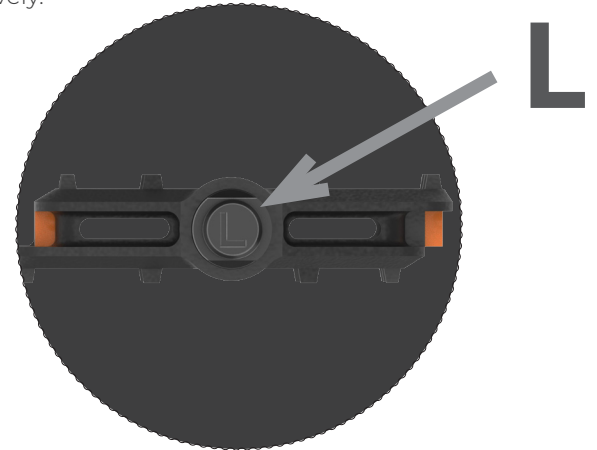


# Install Pedals



## Step 1:

Identify the pedal that marked with "L" and "R" (refer to the image below), signifying it as the left and right pedal, respectively.



## Step 2:

Thread the left pedal (non-drive side) into the left crank arm by hand, turning it counterclockwise. Make sure the pedal is threaded straight and not at an angle to avoid cross-threading. Once the right pedal is threaded in by hand, use a 15mm open-end wrench to fully tighten the pedal.

## Step 3:

Thread the right pedal (drive side) into the right crank arm by hand, turning it clockwise. Make sure the pedal is threaded straight and not at an angle to avoid cross-threading. Once the right pedal is threaded in by hand, use a 15mm open-end wrench to fully tighten the pedal.

Tool and Torque : 15mm Wrench 35Nm.



# Install Favorite Display

## Step 1:

Insert the display into the opening housing on the top of the stem.



## Step 2:

Use a flat head screw to secure the display in place.

Tool and Torque : 2mm Allen key    Hand tight



## Step 3:

Locate three connectors on the bottom of the display. Find the corresponding connector on the bike that has the same shape as the one on the bottom of the display. Plug the connector on the bottom of the display into the corresponding connector on the bike, making sure to push it all the way in until it is securely connected.



# Inflate Tires and Ride Your Favorite E-Bike

## Step 1:

Use a pump with a Schrader valve and pressure gauge to inflate each tire to the recommended pressure indicated on the tire, min of 30 PSI, max of 40 PSI.

## Step 2:

Active the e-bike by pressing the power button. Then tab the RFID fob at the logo of the display.



## Step 3:

Change assist level by pressing “+” or “-” button to increase or decrease the assist level.



## Step 4:

You are good to go now.

### Accelerate by throttle

Use the throttle to accelerate your Favorite E-Bike. The more significant throttle angle, the more extensive motor output.

Or

### Accelerate by pedaling

You can energize the motor output by pedaling the bike.



For more operational guide, please refer to Hybrid Series Operational Manual <https://favoritebikes.zendesk.com/hc/en-us>





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