



GADIS USER MANUAL

Please read before operating your new bicycle.

INTRODUCTION

Congratulations on the purchase of your new e-bike! We want to make you happy and believe your new e-bike will bring you lots of fun.

We ask that you please read this manual thoroughly, paying special attention to the safety warnings before you start riding your bicycle.

Please observe traffic regulations and don't lend your bicycle to anyone who is unfamiliar with it. The bicycle can only be legally used on the road by a person aged 14 years and older.

We strongly advise you to always wear a bicycle helmet when using your e-bike. If you are unfamiliar with cycling, we suggest taking a cycle proficiency course prior to using your bicycle.

Before you ride your bike for the first time, please make absolutely certain that it has been correctly assembled. You can do this either by taking it to your nearest bicycle shop, or if you are proficient in bicycle mechanics you can do the inspection yourself. You must make certain you have the pedals, saddle, handlebars and any self-assembly items correctly fitted.

Test your brakes prior to using the bike every time you use it and remember the bike will not stop as quickly in wet or icy conditions as it would on a dry road.

Frequently check your tire pressures. They should be 60 psi or 4.1 bar. Low tire pressures will result in damage to the tires and will massively reduce your range.

NEVER drink alcohol and ride your electric bike. The use of alcohol greatly reduces reflexes and limits your ability to ride safely. Even a small amount of alcohol will limit your ability to be safe on the road.

When you need to replace your battery, please either dispose of it properly or send it back to us or your retailer and we will make sure it is properly recycled.

Happy cycling!

YOUR FRIENDS AT E-JOE BIKE

WARRANTY

LIMITED ONE YEAR COMPONENTS WARRANTY

Includes: forks, stem, handlebar, seat post, saddle, brakes, cables, bottom bracket, crank set, pedals, chain, rims, spokes, wheel hub, freewheel, cassette, derailleur, shifter, motor, throttle, controller, wiring harness, kickstand, reflectors, and hardware. These items are warranted to be free from manufacturer defects in materials and/or workmanship for a 1 year period from the date of original purchase.

LIMITED ONE YEAR BATTERY WARRANTY

Lithium Ion batteries are warranted to be free from manufacture defects in materials and/or workmanship for a 1 year period from the date of original purchase (cycle life or deep charge up to 70% full capacity).

LIMITED 30 DAYS FULL REPLACEMENT WARRANTY

If an e-JOE bicycle is not working properly because of a major defect within the first 30 days, e-JOE Bike, Inc. will repair or replace any defective e-JOE Bicycle at its sole option and expense upon determining whether the damage, failure, or loss is due to a major defect. e-JOE Bicycle will have sole discretion to determine whether the damage, failure, or loss is due to a major defect or otherwise.

TERMS OF WARRANTY

- This warranty only applies to the original owner of an e-JOE Bicycle bike.
- *Proof of purchase is required for **all** warranty claims.*
- This warranty is replacement parts ONLY and does NOT cover the cost of labor.
- This warranty covers shipping costs for dealers ONLY.
 - *If you believe your bicycle needs service, or are experiencing problems with your bicycle, e-JOE Bicycle encourages you to bring your bike to your nearest electric bike dealer for warranty determination and assistance.*
- This warranty does not cover any damages or defects resulting from failure to follow instructions in the owner's manual, acts of God, accident, misuse, neglect, abuse, commercial use, modification, or improper assembly.
- This warranty does not include coverage of normal wear-and-tear parts (ex. tires, tubes, brakes, etc.)
- This warranty does not cover parts damaged by an attempted repair unless performed by an authorized dealer of e-JOE Bicycle with e-JOE Bicycle's knowledge.
- e-JOE Bicycle, Inc. reserves the right to refuse any warranty claim.

OPENING YOUR BICYCLE

When receiving your bicycle, your package should contain the following items:

- The main body of the electric bike consisting of:
 - Frame
 - Rear wheel
 - Gear and chain
 - Rear brake
 - Battery
 - Rear fender
- The handlebar sub assembly
 - This subassembly is still connected to the main body by the brake cables and electrical wires. The handlebar has the brake levers and gear controls already assembled. Additionally, the right handle also has an integrated control for the throttle power-assisted mode, and the left side has Power Assist Display with a battery charge level indicator.
- The seat (or saddle) which is attached to the pedestal stem
- The front wheel with front brakes
- The front wheel fender with supports
- Front and rear reflector assembly (on LED lights)
- Front and rear LED lights
- Pedals (2)
- Battery charger - in a separate box
- Mini tool kit for assembly and/or repairs
- Keys (2)

Please contact your dealer or e-JOE Bicycle if any of these parts are missing.

STRUCTURE OF YOUR E-BIKE



MAIN SPECIFICATIONS: GADIS

BIKE	
Weight	52 lbs.
Max Capacity	300 lbs.
Dimension	66 x 26 x 40
Max Speed	20 mph
Full Charge Distance	30 miles
Climbing Grade	≤ 10%
MOTOR	
Description	Rear drive brushless hub motor
Max Riding Noise	60 db
Rated Power	350 watt
Rated Efficiency	80%
BATTERY	
Type	Samsung Cell 18650
Voltage	48V 12AH
Capacity	576 Wh
CHARGER	
Input Voltage	110-240 V
Charging Time	4-6 hr
How to Charge	Direct charge: Connect plug with plug receptacle

ASSEMBLY

Step 1: Handlebars

Stand the main body of the electric bike on the kickstand. Insert the stem of the handlebar subassembly into the steering column that is at the front of the main body frame.

Make sure that the fork that will hold the front wheel is pointing forward, and orient the handlebar accordingly. Insert the stem all the way and tighten from the top using a big hex wrench.

Step 2: Front Wheel Fender

Make sure that the fork from the steering column is pointed forward. Place the front fender within the fork: locate the small projection with a screw hole at the top of the fender, fit it to the bolt at the back of the base of the steering column: attach the supports (two on each side) to the base of the fork using four small bolts provided for you. After all five points (the dorsal point and the 4 support points) are properly attached, use a multi-wrench to tighten.

Step 3: Attach the Front Wheel

Make sure that the fork from the steering column is pointed forward. Place the front wheel within the fork and between the brake pads and disc rotor on either side, seat the axial stem properly within the receptacles at the tips of the fork, and tighten the nuts (quick release if equipped) with a multi-wrench. Make sure that the front wheel moves freely and does not wobble from side to side. Reposition with wheel and re-tighten if necessary.

Step 4: Assembling and Adjusting the Front Brake

You may need another person to help you with this step.

The front brake is installed and assembled so the cable is relaxed to allow the installation of the front wheel. After properly installing the front wheel, the cable can be tightened again.

Using a small hex wrench, loosen the screw that tightens the cable so that the cable is completely free to slide back and forth. Arrange the several pieces of metal and rubber along the brake cable in their correct positions by referencing the rear brake. Squeeze the brake arms so that the brake pads contract against the wheel, leave sufficient clearance of $\frac{1}{8}$ of an inch each side (you can accomplish this by inserting a piece of scrap metal or cardboard between the wheel and brake pad to ensure the sufficient clearance). Pull the cable at the end to take out all the slack, tighten the cable with the small hex wrench.

Test the brake by lifting the front of the electric bike and setting the wheel in motion by turning it and apply the brake at the handlebar to stop it. If you could not set the wheel in free motion, or could not stop it when applying the brake you need to readjust by increasing or decreasing the clearance between the brake pads and wheel.

Brake Precautions:

- Don't brake too strongly or suddenly, as it will make it easier for you to lose balance and fall down.
- Remember which wheel is controlled by which brake.
- Incline your body backward to reduce the influence of inertia.
- Adjust the brakes properly, if damages exist, such as brake pads that are ground flat, please service appropriately before further riding
- Check whether the braking power cut-off and brake function are in good condition.

Step 5: Installing the Seat and Pedals

Insert the stem of the seat into the seat column of the main body frame; use the built in lever to tighten the stem. Be sure not to exceed the safety mark on the stem when finding the appropriate seat height (please refer to the picture below). If used inappropriately, serious damage/injury may be caused to the rider.

To assemble pedals, attach a pedal on each side of the crank and tighten with a multi-wrench. Inflate the tires to proper pressure.

Step 6: Inserting and Removing the Battery

Make sure that the battery is properly seated against its housing connector base. Insert the lock key into the slot on the battery. Turn the key to remove/lock the battery. To see the battery levels use the charge indicator on the handlebar when all lights are lit up.

Battery Precautions:

- Do not touch the two poles of the battery with your hands when the battery is removed for charging. The two battery poles should not be touched with any other metal or other material that conducts electricity.
- While charging, put the battery in a secure place where children cannot reach it.
- Do not use any other charger other than the one that came with your electric bike. If you need another charger, contact your local dealer or e-JOE Bicycle.
- Do not attempt to open or repair your charger, the electronics contain high pressure circuits, so do not dismantle by yourself without a professional.
- Avoid any contact with water while charging; prevent liquids, metal, and metal fillings from permeating the charger, and be careful to not drop or hit the charger which could damage its components.
- So not put anything on top of the charger while charging; it must be well ventilated to allow the heat that is generated to dissipate.
- Stop charging the battery immediately if you notice a peculiar smell or the charger gets too hot to touch.
- To prevent premature failure of your battery and for you warranty to remain in effect on your battery, it is RECOMMENDED to charge and discharge your battery at least once per month. Do NOT use your battery in a very low state.
- It is normal that the distance range will reduce as a result of low temperatures.

GENERAL OPERATING INSTRUCTIONS

Before You Ride for the First Time:

- Check that the handlebar and handlebar stem are properly tightened.
- Check all other nuts and bolts and fixings are properly tightened, paying particular attention to the motor fixings, kickstand, yoke, and steering head bearings.
- Check that the brakes and brake levers are functioning properly.
- Check that tire pressures are 60 psi/ 4.1 bar and that tires are not damaged.
- Check that reflectors and lights are functioning properly.
- Make sure the battery is fully charged.
- Load battery into bicycle and turn on by pressing the ON/OFF button on the LCD display.

During Riding: Instructions and Tips

- Once the bike is powered ON, when the rider presses down on the thumb throttle, the bike will move forward. Do not power ON until you are ready to go.
 - Squeezing the hand brake, or releasing the throttle, will automatically cut the power to the motor.
- To get the furthest distance, it is recommended to pedal the bicycle with the Pedal Assist System mode ON.
- When riding down hills, do not turn off power, otherwise the controller and motor will be easily damaged.
- When riding your e-bike and when the battery power is low, it is recommended to pedal your e-bike as much as possible and get the battery charged up as soon as you get to an electrical outlet.
- Turn off the power and remove the key while parking. If you decide to push your bike for any reason, make sure to turn the power off so you don't automatically turn the throttle on and make the electrical bicycle start suddenly and cause an accident.
- To help get the best distance out of your electric bike, refrain from unnecessary braking and coast as much as possible.

LCD OPERATING INSTRUCTIONS

Default Settings:

Default Settings fall into two categories: general, and advanced. General settings can be directly set by users. Advanced settings should NOT be altered once entered, as they affect the system as a whole. Please DO NOT make changes to the advanced settings.

Settings Contain the Following:

- Display
 - Battery capacity
 - Motor power ratio
 - Riding speed
 - Error code display of electronic system
- General Settings
 - Km/miles system
 - Speed limit
 - Backlight
- Advanced Settings
 - Wheel diameter
 - Automatic power off
 - Level amount

Setting Up Your LCD Display:

- Power
 - Hold [mode] button for 5 seconds for both ON and OFF
- General Settings:
 - Hold [up] and [down] for 3 seconds; LCD will enter general settings
 - Display Unit
 - Press [up] and [down] to choose a display unit
 - Press [mode] to save and continue
 - Speed Limit
 - Range is 15 km/h - 40km/h
 - Press [up] and [down] to change limit
 - NOTE: When RPM reaches or exceeds set speed limit, motor power will decline. For safe riding, we suggest a speed limit of 25 km/h
 - Press [mode] to save and continue
 - Backlight
 - Press [up] and [down] to change brightness
 - Range is from 1-8
 - Press [mode] to save and continue

- Time/Quit from General Settings
 - Press [up] and [down] to change the hour
 - Press [mode] to enter minute settings, use [up] and [down] buttons to change the minute
 - Press [mode] to save and quit from general settings
- To put all new settings into effect, please restart your LCD Display

Other LCD Functions:

- Trip Clearance
 - Press [mode] and [down] buttons simultaneously to clear trip distance
- Distance Display
 - Short press [up] to switch between ride distance and total distance
- Error Codes
 - 04: Throttle no homing
 - 05: Throttle Abnormality
 - 06: Low Voltage Protection
 - 07: Overvoltage Protection
 - 08: Hall Sensor Abnormality
 - 09: Phase Line Abnormality
 - 10: Controller Overheat
 - 11: Temperature Sensor in Controller Abnormality
 - 12: Current Sensor Abnormality
 - 21: Speed Sensor Abnormality
 - 22: Communication Abnormality in BMS
 - NOTE: The display will return to normal only after problem is fixed, and bike will not turn on before fixing the problem

MAINTENANCE

- **IMPORTANT!** DO not attempt to open the casings of the battery, motor, or controller; it could be dangerous and will void any warranties by doing so. If you experience a problem, please contact our service department or your retailer.
- Wheel spokes should be adjusted every 300 miles of riding.
- Handlebar and saddle posts should never be raised beyond the maximum indicated by the safety lines around the tubes.
- Your bike has a rear derailleur that will automatically tension your chain. However, if the chain becomes loose or frequently comes off the front cog, you can easily adjust the chain tension by loosening the rear axle nuts slightly, and adjusting the tension bolts. Make sure that the chain runs freely and retighten the axle nuts.
- It is recommended to take your bicycle for a well tune-up and maintenance check by a bicycle mechanic on a regular basis.

WATER

- Your electric bicycle is rain and splash proof and can be used in all weathers.
- The electric components of the vehicle, such as the motor, battery, and controller, **MUST NOT** be submerged in water.
 - Please use caution; do not operate your bicycle under bad/heavy weather conditions.

SIMPLE TROUBLESHOOTING

PROBLEM	SOLUTIONS
A. Top speed too slow	1. Fully recharge battery
B. Power on but motor not working	1. Reinstall battery/ Replace fuse
C. Driving shorter distance per recharge	1. Check tire pressures 2. Recharge completely or have charger re-inspected 3. Replace battery
D. The power and the indicator lights are all on, with throttle or pedal assist, but the e-bike doesn't work	1. Controller needs to be replaced, or 2. Motor needs to be replaced
E. The power and the indicator lights are all on; bike works with throttle, but not with pedal assist.	1. Controller needs to be replaced, or 2. Pedal assist module needs to be replaced, or 3. Motor needs to be replaced
F. The power and the indicator lights are all on, bike works with pedal assist, but not with throttle	1. Controller needs to be replaced, or 2. Throttle needs to be replaced, or 3. Motor needs to be replaced
G. The power is on, and the throttle is down, but the bike doesn't work.	1. Check battery to see if it needs to be charged, or 2. Fuse needs to be replaced, or 3. Controller needs to be replaced, or 4. Motor needs to be replaced
H. The switch is turned on, and the bike takes off without using the throttle.	1. Check if the throttle is stuck in the on position 2. Lubricate or replace throttle if it is faulty
I. After stopping, the bike doesn't start when the throttle is twisted	1. Check whether the brake handles are fully released 2. Check D., E., and F. above
J. You connect the power to the charger, but the indicator light does not come on.	1. Check whether there is electricity to the charger 2. If you have a voltage meter, you can check to see if the charger produces the correct current
K. You plug in the charger to the bike and the outlet, and the green light comes on instead of the red light. This means it isn't charging.	1. Check to see if the batteries are fully charged 2. Check whether the charger is plugged in properly to both the battery and the outlet 3. Check the voltage of the charger and battery 4. If "zero" voltage on the charger, then it needs to be replaced 5. If "zero" voltage from the battery, then check the fuse.

*If all above mentioned situations are normal, then there is another problem.
Please call your local dealer or our service department for more assistance.*