OPERATION MANUAL /

BRX



SWFT

SWFT
RIDE-RIGHT READY
UL CERTIFIED. STREET LEGAL.

THANK YOU FOR YOUR PURCHASE OF THE SWFT BRX E-BIKE.

WARNING

The following operation manual is a guide to assist you. This manual is not a complete document on all aspects for the maintenance and repair of your bike. The electric bicycle you have purchased is not a complex object, however it is recommended that you consult an e-bike repair specialist if you have concerns as to your ability to assemble, repair or maintain this product.

It is important for you to understand the electric bike. By reading this manual completely before the first ride, one will get better performance and enjoyment from this product; also it's helpful to extend the life of the electric bicycle.

This operation manual should remain an integral part of the product. Changes or any copy actions in pictures, specifications and descriptions are strictly prohibited.

SAFETY INSTRUCTIONS

Motorized e-bikes are new to most riders so in the interest of safe cycling make sure you read, understand, and follow the instructions in this manual.

This manual contains important safety signal words such as **DANGER**, **WARNING**, **CAUTION**, **IMPORTANT**, **NOTE** or **NOTICE**. These are important signal words telling you to pay special attention to that text as rider safety is involved.

These words will appear in areas of critical rider safety.
Pay special attention to the words **DANGER** and **WARNING** as failure to do so can result in serious injury or death to the rider or others.

CAUTION notes will indicate instructions that need to be followed to prevent injury, mechanical failure, or damage to the e-bike. They also indicate a hazardous situation, which, if not avoided, can cause minor or moderate injury.

NOTE or **NOTICE** or **IMPORTANT** specify special interest notes. Pay close attention to these as your safety and that of your e-bike is involved.

IMPORTANT: Read the **BEFORE RIDING** section and check that all parts are working as stated in the manual. If you understand how the e-bike operates, you will ensure the vehicle's best performance. When you read this manual, compare the illustrations to your e-bike. Learn the location of all controls and parts and their functions. **KEEP THIS MANUAL FOR FUTURE REFERENCE.**

CAUTION: Before you ride the e-bike, check the brakes and other parts of the bike. Make sure all parts are assembled correctly, securely tightened, and working properly. Take your first ride in a large, open, level area away from traffic.

DO NOT RIDE YOUR E-BIKE WITHOUT FIRST SECURING AND FASTENING ALL HARDWARE CORRECTLY.

Make sure you read this complete manual before riding your e-bike. Failure to do so, or failure to follow its guidelines could lead to serious injury or death.

Brake pads and rotors get very hot during use and could burn skin. The edges can also be very sharp and cut skin. Do not touch the brake pads or rotors directly after riding your e-bike.

Proper use of your brake is vital to ensure safe, efficient stopping. To avoid misuse and potential injury, do not apply sudden or excessive force to your brakes. Apply your brakes gradually and give yourself enough room to come to a complete stop safely.

Different localities and countries have different laws governing riding on public roads, and you should check with local officials to ensure you are

complying with these laws.

Brakes do not work as well under wet conditions as they do when dry. It is recommended that you do not ride your e-bike in wet weather, as there are electronic components of your e-bike that may be damaged if exposed to water.

Wet conditions will require a longer distance to stop. Brake earlier and avoid sudden stops when riding in wet conditions.

When you ride in low-visibility conditions such as fog, dusk, or at night, vision could be impaired, which could lead to a collision. Wear bright reflective clothing when riding in poor lighting conditions and use lights.

WARNING
There may be additional risk to injury if you use your e-bike incorrectly. This includes, but is not limited to:

- Riding e-bike over debris or obstacles
- Performing stunts
- Riding on off-road terrain
- Riding fast
- Racing other riders
- Riding in an unusual manner

The aforementioned examples add stress to each part of your e-bike and can lead to long term damage of the e-bike. Damage to your e-bike can lead to an accident or increase your risk of injury. To decrease your risk of injury, operate your e-bike correctly.

IMPORTANT
Do not ride the e-bike without the battery pack. The battery pack must be on the e-bike while riding or else the motor and safety lights will not function when needed.

Check to see that your wheels are securely fastened and that your helmet is securely fastened.

Protect the battery docking connector. When the battery pack is removed, apply a protective cover to prevent corrosion and damage to the connector.

Remove the battery pack from the e-bike and store it elsewhere in the vehicle during your transport.

Always respect local transportation laws when riding your e-bike.

Lithium battery packs of this size and power are considered “Dangerous Goods, Class 9.” When transporting, regulations may restrict the transport of separate lithium batteries in some places.

CAUTION
Tampering or modifying the electric circuit system may cause electric shock fire or explosion and permanently damage the system. Exposed wiring and circuitry in the charger may cause electric shock. Always keep the charger housing closed.

WARNING!
SEEK *IMMEDIATE* MEDICAL ATTENTION IF YOU ARE EXPOSED TO ANY SUBSTANCE THAT IS EMITTED FROM THE BATTERY PACK.

This equipment is not intended to be used at ambient temperatures less than -10°C (14°F) or above ambient temperatures of 45°C (113°F).

The battery is intended to be charged when the ambient temperature is between 0°C (32°F) and 40°C (104°F)

SAFETY PRECAUTIONS
• To reduce the risk of injury, close supervision is necessary when the product is used near children.
• If the e-bike is not to be used for an extended period of time, you may need to recharge the battery every 1 month to maintain the battery life.
• Ensure that the screws on the front and back tires are locked firmly before each ride.
• Check to ensure the tires are not worn.
• Check to ensure all connections are maintained on your e-bike.
• Ensure the brake cables are well lubricated. It is suggested you lubricate brakes every 6 months
• Ensure all gears move smoothly.
• Make sure there are no frayed cables, loose connections, missing fasteners or axle/lug nuts.
• For your safety, always wear a helmet that meets CPSC or CE safety standards. In the event of an accident, a helmet can protect you from serious injury and in some cases, even death.
• Obey all local traffic laws. Obey red and green lights, one-way streets, stop signs, pedestrian crosswalks, etc.
• Ride with the traffic, not against it.
• A crash can put extraordinary stress on your e-bike's components, possibly causing them to fail prematurely. Components suffering from stress fatigue can fail suddenly, causing loss of control, or serious injury.

CARE & MAINTENANCE
• Do not expose the e-bike to liquid, moisture, or humidity to avoid damage to the electrical system.
• Do not use abrasive cleaning solvents to clean the e-bike.
• Do not expose the e-bike to extremely high or low temperatures as this will shorten the life of the electrical system, destroy the battery, and/or distort certain plastic parts.
• Do not dispose of the e-bike in a fire as it may explode or combust.
• Do not expose the e-bike to contact with sharp objects as this will cause scratches and damage.
• Do not let the e-bike fall from high places, as doing so may damage the internal circuitry.
• Do not attempt to disassemble the e-bike.
• Use only the specified charger provided.
• Ensure the e-bike chain is well lubricated for optimal performance.
• To minimize tire wear and for maximum riding safety, comfort and handling, maintain recommended tire air pressure which can be found on the side wall of all tires. Use a reliable tire air pressure gauge to check for proper inflation before every ride. At the same time, inspect tires for excessive wear and cracks. Replace tires if necessary.

PREFACE

Congratulations on the purchase of your new e-bike! With proper assembly and maintenance it will offer you years of enjoyable riding!

IMPORTANT: Carefully read and follow this manual (and any other materials included with this bike) before riding. Please retain this manual for future use. If this bike was purchased for a child, it is the responsibility of the purchaser to verify the bike has been properly assembled, and that the user has been properly trained and instructed in use of the bike. This manual is provided to assist you and is not intended to be a comprehensive manual covering all aspects of maintaining and repairing your bicycle. The bicycle you have purchased is a complex piece of equipment that must be properly assembled and maintained in order to be ridden safely.

If you have any doubts about the assembly or your ability to properly assemble and maintain the bicycle. You must have it assembled and maintained by a professional bicycle mechanic.

WARNING: E-bikes are fun to ride but can be dangerous to use. The user or consumer assumes all risk of personal injuries, damage, or failure of the bicycle or system and all other losses or damages to themselves and others and to any property arising as a result of using the bicycle.

WARNING

DO NOT DISASSEMBLE, MODIFY OR REPLACE ELECTRICAL PARTS.
If you need to change any parts, please consult a professional bicycle mechanic or contact customer service for additional help.

NOTE: YOUR INSURANCE POLICIES MAY NOT PROVIDE COVERAGE FOR ACCIDENTS INVOLVING THE USE OF THIS BICYCLE. TO DETERMINE IF COVERAGE IS PROVIDED YOU SHOULD CONTACT YOUR INSURANCE COMPANY OR AGENT.

DANGER: Failure to properly assemble and maintain your bicycle could result in serious injury or death to the rider.

This manual contains important safety, performance and service information. The purpose of this manual is to help you use your e-bike safely in the manner intended and allow you to enjoy the benefits it offers for years to come. **Please read it carefully before you take your first ride on your e-bike and keep it in a safe place for reference.**

OWNER RESPONSIBILITY

IMPORTANT: Reading and following the information and instructions in this manual are essential to the ability of the owner or any other persons allowed to use this bicycle in order to ride safely.

1. It is the responsibility of the owner or in the case of a younger rider the parents of the rider to be certain all assembly instructions have been followed, even if the bike has been assembled by the seller, manufacturer, or a professional assembly company.

2. Brakes are essential to safety. Be sure they are checked and working properly before each use. Remember that any mechanical system changes condition during use and must be maintained and checked before each use.

3. Rules for bicycle use (bicycle laws) vary from location to location so be certain the rider knows and understands the rules that apply to bicycle usage in all areas where the bicycle will be used. Wearing a helmet, light or reflective clothing, using lights and reflectors are examples of rules which may exist and which make sense as rider safety precautions at all times.

4. Know how to operate the bicycle and all equipment on it before first use and be certain anyone allowed to use the bike knows how to properly and safely use the bike as well.

5. There are many different types of bicycles and often these types are designed for different uses. Make sure you know what type unit you have and do not exceed its service limitations. Be sure you check and understand the bicycle classifications set in this manual, including size of the unit that is proper for the rider to insure good control during use. Riders who are too small or large may have control problems. Do not overload a unit with a rider that is too heavy or too large, and do not attempt to carry extra passengers, packages or loads on the bicycle. Do not use street bikes for off road riding.

6. Your electric bike is water-resistant, but must be properly maintained to preserve this condition. Please do not submerge the bicycle or any electric components in water. Water entering electric components can cause a short circuit and damage the electric components with possible injury to the rider and others.

7. The battery's performance can be affected by its environment. Generally speaking, battery's discharge performance is better in a higher temperature. Electric power will drop by more than 1/3 when the temperature is below 32°F (0°C). Thus, this e-bike's riding distance per charge will become shorter in winter or cold areas. It returns to normal / optimal when the temperature is higher than 68°F (20°C).

8. Do not put any metal objects in charge hole or battery circuit, it may cause a short circuit, start a fire, or cause an explosion with personal injury or property damage.

CAUTION: For your safety you must carefully read this manual and follow its instructions. Your bicycle may come with additional instruction sheets that cover features unique to your bike. Please ensure that you read and become familiar with their contents and retain them with this manual for future reference. Remember bicycles, in most areas, are subject to the same laws, rules, and regulations as motor vehicles.

Always wear a CPSC approved helmet when riding your bike.

Learn and follow local and state traffic use laws.

Any major service or adjustments on your bike not covered in this manual should be carried out by a professional bicycle mechanic. If you wish to make adjustments yourself, this manual contains important tips on how to do it.

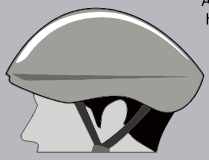
CAUTION: Any adjustments you make are entirely at your own risk. Do **NOT** use your bike for freestyle and stunt riding, jumping or competitive events. Even if you are riding a mountain bike, you should know that off-road use or any similar activities can be dangerous, and you assume the risk for personal injury, damages or losses incurred from such use. Do not ride your bike when any part is damaged or not working properly.

You must, for your safety and the safety of other users, consult a professional bicycle mechanic for any questions on repairs or maintenance.

WARNING

As with all mechanical components, the bicycle is subjected to wear and high stresses. Different materials and components react to wear or stress fatigue in different ways. As your bicycle ages, you should inspect it more frequently to look for deformed, cracked, bent, or loose components. Such conditions may lead to sudden failure. This may possibly cause injuries to the rider. If something is cracked or broken, do not ride until repairs have been made.

ALWAYS WEAR A HELMET!
IT COULD SAVE YOUR LIFE



A properly fitting, CPSC-approved bicycle helmet should be worn at all times when riding your e-bike.

The correct helmet should:
- be lightweight and comfortable
- have good ventilation
- cover the forehead and fit correctly
- be securely fastened on the rider

RIDING PRECAUTIONS

1. WARNING - ON AND OFF ROAD CONDITIONS: The condition of the riding surface is very important to your safety. If the surface is wet, or has sand, leaves, small rocks or other loose debris on the surface where you plan to ride, carefully decrease the speed of the bicycle and ride with extra caution. It will take a longer time and more distance to stop. Apply the brakes sooner and with less force. Always apply the rear brake first allowing time and distance for it to take effect. Then follow by cautiously applying the front brake, in order to maintain control of the bicycle. Rapid front brake application first may cause a front pitch over or fall. Learn to use your brakes properly under controlled conditions until you learn proper braking under all road conditions.

2. NOTICE: State and federal regulations require a full set of reflectors. Some state and local laws may require that your bike be equipped with a warning device, such as a horn or bell and most states require a light. The manufacturer and many legal authorities **DO NOT** approve or encourage riding at night. Vision is quite limited at dawn, dusk and at night for bike riders, motorists and by-standers. If you must ride at night, take extra precautions, use front and rear lights, wear flashers on your arms, wear light-colored clothing, and plan your route to ride in well lighted areas avoiding heavy traffic areas.

3. NOTE: Always wear shoes when riding a bicycle and avoid loose fitting clothes. Wear a cuff band or trouser clip to keep pants or other loose clothing from getting caught in the chain wheel. Long sleeves, long pants, gloves, eye protection, a CPSC-approved helmet, elbow and knee pads are recommended.

Helmet use is required by law in many states and is always a good idea for your safety.

4. CAUTION: WET WEATHER WARNING: Check your brakes frequently. The ability to stop is critical to your safety. Roads are slippery in wet weather so avoid sharp turns and allow more distance for stopping. Brakes become less efficient when wet. Leaves, loose gravel and other debris on the road can also lengthen stopping distance. If at all possible, do not ride in wet weather. Vision and control are impaired, creating a greater risk of accidents and injury.

5. CAUTION: A bicycle rider's best defense against accidents is to be alert to road conditions and traffic in the area. Do not wear anything that restricts your vision or your hearing.

6. When riding, **ALWAYS WEAR A CPSC-APPROVED BIKE HELMET.** It may save your life.

7. Obey all traffic regulations. Most traffic regulations apply to bike riders as well as automobile operators. Observe all state and local traffic regulations, signs and signals. Check with your local police station on bicycle licensing and inspection, and where it is legal to ride your bike.

8. Keep to the **RIGHT SIDE** of the road. Follow the traffic flow in a straight line close to the curb. Watch out for opening car doors and cars moving in and out of traffic. Use caution at intersections.

9. Never carry passengers. This is dangerous and it makes the bicycle harder to control. Never carry anything that can inhibit your ability to control the bicycle or see the road.

10. When riding in pairs or in larger groups, form a single line along the right side of the road. Set up a sensible distance between riders. Don't follow too closely.

11. Always be alert. Animals or people may dart in front of you. Give pedestrians the right-of-way. Don't ride too close to pedestrians, and don't park your bicycle where it can get in the way of foot/vehicle traffic.

12. Be careful at all intersections. Slow down and look both ways before crossing.

13. Use hand signals. Always let other drivers and pedestrians know what you are going to do. Signal 100 ft. before turning unless your hand is needed to control the bike.

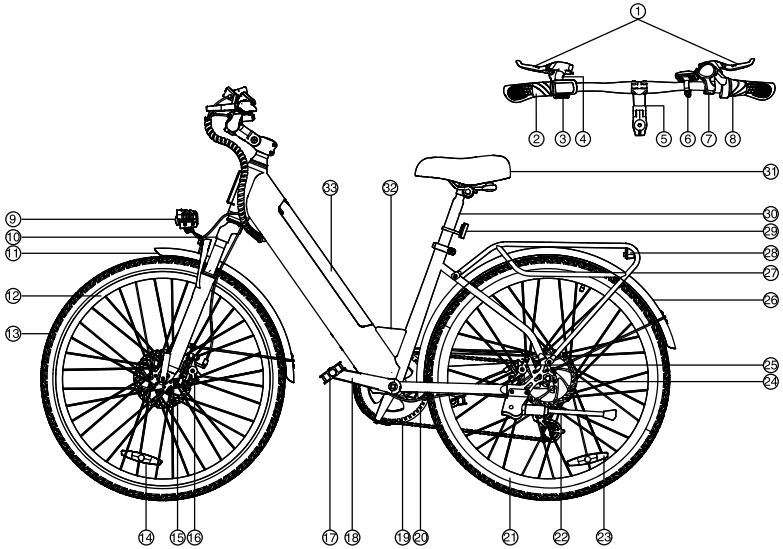
14. WARNING: NIGHT TIME OPERATION: We do **NOT** recommend riding your bike at night. If you have an emergency that requires you to ride at night you must have proper lights and reflectors. **NEVER** ride at night without a helmet, taillight, a white front reflector, a red rear reflector, pedal reflectors and white wheel reflectors. You must be able to clearly see the surface where you are riding and be seen by others.

15. Never hitch rides. Never hold onto moving vehicles while riding. Never stunt ride or jump on your bike.

16. ON AND OFF ROAD OPERATION: Avoid the following road hazards: drain grates, pot holes, ruts, soft road edges, gravel, leaves (especially when they are wet), uneven pavement, railroad crossings, manhole covers, curbs, speed bumps, puddles, and debris as all have an effect on your riding and may result in loss of control. Adjust your speed and the way you use your brakes if you must ride in such areas.

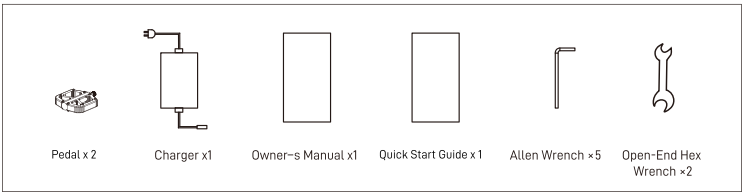
17. If any components become loose while riding: STOP immediately. Tighten components or bring the bike to a mechanic for repair.

E-BIKE DIAGRAM & PARTS

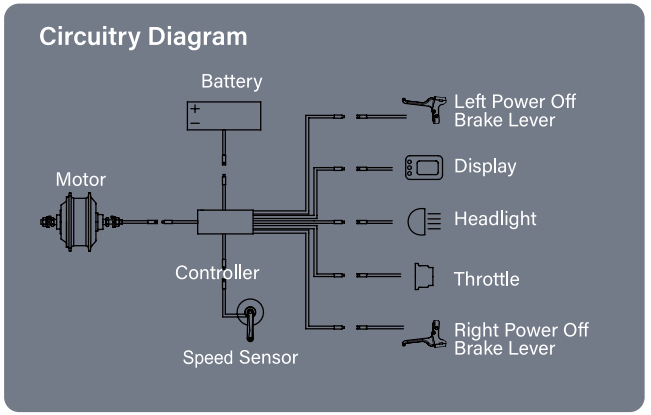


1.Brake Lever
2.Handlebar Grip
3.Display
4.Bell
5.Stem
6.Front Reflector
7.Gear Shifter
8.Twist Throttle
9.Front Light
10.Front Suspension Fork
11.Front Fender
12.Front Wheel Hub
13.Tire
14.Front Wheel Reflector
15.Front Brake Disc
16.Front Brake Caliper
17.Pedal
18.Crank
19.Chain
20.Chainring
21.Rear Wheel Hub
22.Kickstand
23.Rear Wheel Reflector
24.Rear Brake Disc
25.Rear Brake Caliper
26.Rear Fender
27.Rear Rack
28.Tail light
29.Rear Reflector
30.Seat post
31.Saddle
32.Frame
33.Removable Battery

In the Package



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



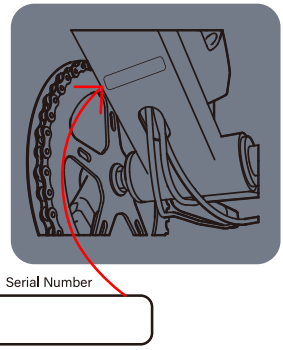
SERIAL NUMBER

EACH BICYCLE HAS A SERIAL NUMBER AFFIXED INTO THE BOTTOM OF THE E-BIKE (SEE ILLUSTRATION).

Record this number HERE to keep for future reference. This number can be helpful to the manufacturer in customer complaints or issues.

THIS INFORMATION IS ONLY AVAILABLE ON THE E-BIKE ITSELF.

There is no record of your serial number at the store purchased or with our company. It is your responsibility to record this information.



SERIAL NUMBER:

ASSEMBLY INSTRUCTIONS

Your new bicycle was assembled and tuned in the factory and then partially disassembled for shipping. The following instructions will enable you to prepare your bicycle for years of enjoyable cycling. For more details on inspection, lubrication, maintenance and adjustment of any area please refer to the relevant sections in this manual.

If you have questions about your ability to properly assemble this bicycle, please consult a professional bicycle mechanic before riding.

WARNING

TO AVOID INJURY, THIS PRODUCT MUST BE PROPERLY ASSEMBLED BEFORE USE. WE STRONGLY RECOMMEND THAT YOU REVIEW THE COMPLETE ASSEMBLY GUIDE AND PERFORM CHECKS SPECIFIED IN THE OWNER'S MANUAL BEFORE RIDING.

PREPARATION

It is important that you read this owner's manual before you start to assemble your bicycle.

WE HIGHLY RECOMMEND THAT YOU CONSULT A PROFESSIONAL BICYCLE MECHANIC IF YOU HAVE DOUBTS OR CONCERNS AS TO YOUR ABILITY TO PROPERLY ASSEMBLE, REPAIR, OR MAINTAIN YOUR E-BIKE.

Remove all parts from the shipping carton. Check to make sure no parts are loose on the bottom of the carton. Carefully remove the front wheel which is attached to the side of the bicycle for shipping. Carefully remove all other packing material from the bicycle. This includes zip ties, axle caps and material protecting the frame.

UNPACK YOUR RIDE

Congrats on your new ride! This manual will show you how to assemble the SWFT BRX e-bike. We recommend getting a friend to lend a hand as you go along for extra support. If you're new to e-bikes, we recommend having a professional check your work after completing assembly. SWFT is not liable for damages that occur due to improper assembly of the bike.

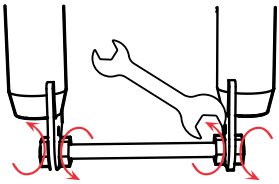
Carefully lift the bike out of the box and stand it upright in a clear working space. Remove additional bike parts and smaller boxes from inside the package and place them on the ground in your work area. You should have a box containing your operation manual, quick start guide, charger, pedals and assembly tools, including five Allen wrenches and two Open-End Hex Wrenchs.

Remove additional packaging material from your bike, including protective foam, cardboard and zip ties. Now you're ready to get started.

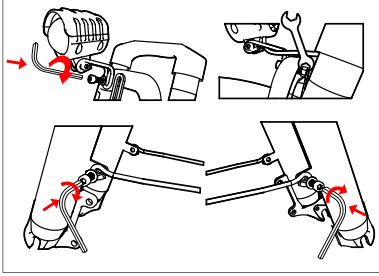
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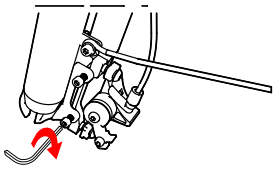
INSTALLATION GUIDE



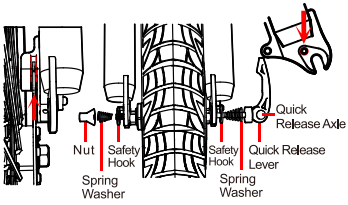
1. Remove the Front Fork Protective Rod
After unpacking, use a 17 mm hex wrench to turn the nuts on both sides of the front fork claw counterclockwise and remove the front fork protective rod.



2. Install the Front Fender and Front Light
Align the front light and fender. Insert the fender mounting tab, front light bracket, and screw washers into the front fork mounting holes in sequence. Insert the screws and secure the nuts. Use a 10 mm hex wrench to hold the nuts in place, then use an M5 Allen wrench to tighten the screws clockwise to securely fix the fender and front light. Align the fender support bracket with the front fork fender mounting hole. Insert the screw washer and screw, then use an M5 Allen wrench to tighten the screws on both sides securely.



3. Install the Front Disc Brake
Place the disc brake caliper base on the inner side of the front fork. Align the two holes with the front fork disc brake mounting holes. From the outer side of the front fork, use an M5 Allen wrench to turn the screws clockwise and tighten the two screws securely.

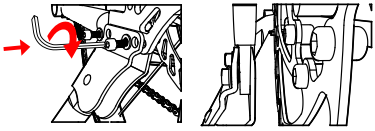


4. Install the Front Wheel
1. Align the brake pads with the gap between the brake calipers, then insert the front wheel. Make sure the front wheel axle is aligned with the center of the front fork dropouts. Then pass the quick-release axle through the spring washers, safety hook, front fork dropout, and front wheel in sequence. Install the components symmetrically on the other side and tighten the nut.

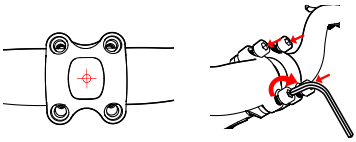
Note: The safety hook must be inserted into the round hole on the front fork dropout.

2. Tighten the nut clockwise while gradually rotating the quick-release handle. Rotate the handle 45° each time, and repeatedly open and close the quick-release handle until a greater resistance is felt when closing it. Do not continue tightening the nut after this point. Use your palm to fully close the quick-release handle. The "Close" marking should face outward.

INSTALLATION GUIDE

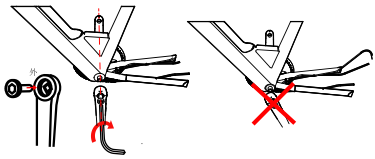


5. Install the Kickstand
Insert the kickstand into the kickstand mounting bracket on the left rear fork. Align the holes, then install the screw washers and screws. Use an M5 Allen wrench to tighten the two screws clockwise.

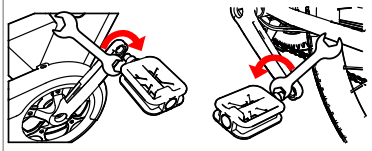


6. Install the Handlebar
Place the handlebar into the clamp of the stem. Align the upper and lower clamps, then install the screws and washers. Use an M4 Allen wrench to tighten the four screws clockwise in sequence. Adjust the handlebar so that the cross center line is aligned with the center of the clamp opening, then tighten the four screws securely.

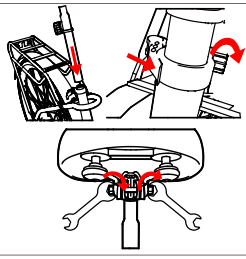
After completing the above installation steps, push the bicycle forward and make sure the wheels rotate smoothly without any interference. Then test the brake system by gently squeezing the brake levers several times to confirm that both the front and rear brakes are functioning properly. If any issues occur, please contact after-sales service.



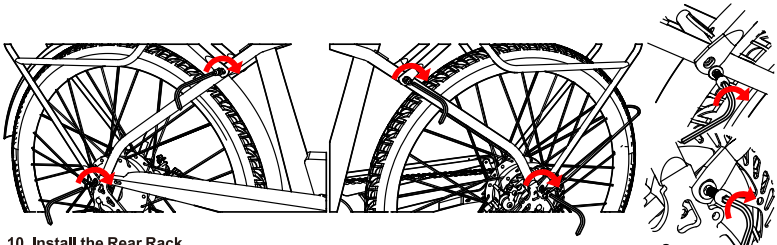
7. Install the Left Crank Arm
Rotate the right crank arm to a vertical position and check whether the sensor on the left side of the bottom bracket is securely fastened. If it is loose, tighten the sensor by hand. Then check the orientation of the left crank arm. The larger diameter circular hole should face outward. Install the left crank arm onto the bottom bracket with the left and right crank arms aligned in a straight line at 180°. Install the screw, then use an M8 Allen wrench to tighten the screw clockwise. The tightening torque should reach 35–40 N·m. After tightening, there should be a certain gap between the crank arm and the sensor. Do not allow the crank arm to press tightly against the sensor.



8. Install the Pedals
Check the left and right markings on the pedals. Align the pedal threads with the crank arm holes. For the left pedal, use a 15 mm wrench to turn the nut counterclockwise to tighten it. For the right pedal, use a 15 mm wrench to turn the nut clockwise to tighten it. Securely tighten both pedals.

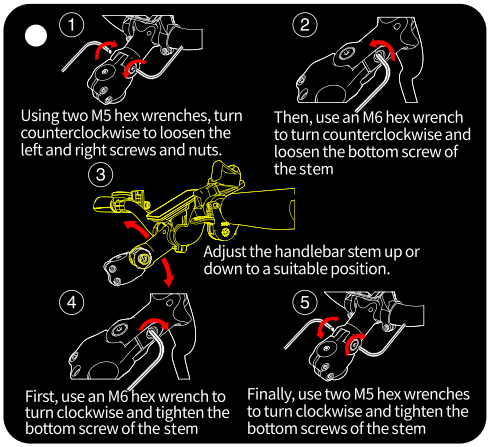


9. Install the Saddle
First, insert the seat post into the seat tube and adjust it to the appropriate height. The minimum scale line shall not be exposed. Then gradually rotate the seat post clamp screw clockwise to tighten it. Rotate the screw 45° each time while repeatedly opening and closing the quick-release lever. When greater resistance is felt while closing the lever, stop tightening the screw. Use your palm to fully close the quick-release lever. Then insert the saddle into the top of the seat post. Adjust the saddle angle, and use a 13 mm open-end wrench to tighten the nuts on both ends of the clamp clockwise. The tightening torque should reach 23 N·m.

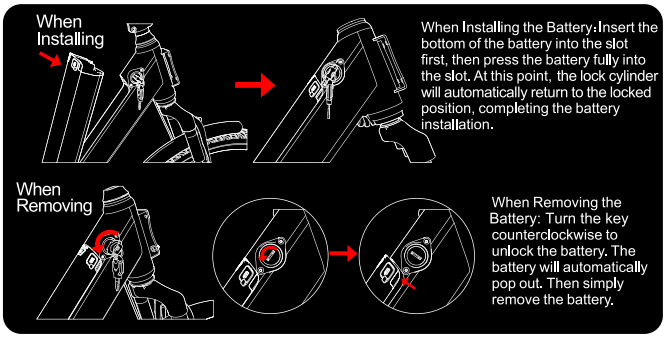


10. Install the Rear Rack
Align the two upper mounting holes of the rear rack with the holes on the rear fork. Insert the screws and washers, then use an M4 Allen wrench to tighten the two screws clockwise.For the two lower mounting holes of the rear rack, use an M5 Allen wrench to tighten the screws clockwise.

Handlebar Adjustment Instructions



Battery Lock Usage Instructions



BEFORE RIDING

Just a minute before each ride can significantly improve your safety and the enjoyment of your ride. So, each time before you ride, make a habit of performing the following safety checks:

PRE-RIDE CHECKLIST

- Stand in front of the bicycle facing rearward and hold the front wheel securely between your legs. Try to twist the handlebars and verify that they do not move. Then pull the handlebars up, trying to lift the bike. There should be no movement.

- Try to push the front wheel from side to side and confirm that it feels tight and will not wobble. Lift the front wheel up by the handlebars and strike the wheel downward with the heel of your hand to confirm that it is securely attached to the fork . Spin the front wheel and confirm that it does not wobble or contact the fork or brake pads.

- Try to lift/push down on and twist the seat to confirm it is tight.

- Inspect the connection of the pedals to the crank arm. You should not see pedal screw threads and the pedal should feel firm and be parallel to the ground.

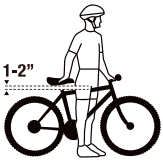
- Apply your brake(s) and make sure they feel firm to the touch, and then spin the wheel(s). Apply the brakes. The brakes should stop the wheel(s).

- Check to be sure that the fenders and accessories (if equipped) are firmly attached and will not contact any moving parts. Make sure all reflectors are in position and not broken.

- Now, put on your **BICYCLE SAFETY HELMET** and enjoy your ride. Your safety is well worth this one-minute check. Also, be sure to read and follow the warnings and instructions in this manual.

CORRECT FRAME SIZING

When selecting a new bicycle, the correct choice of frame size is a very important safety consideration. The ideal clearance will vary between types of bicycles and rider preference. This makes straddling the frame when off the saddle easier and safer in situations such as sudden traffic stops.



Approximate Rider Leg Length	Suggested Frame Size for Racing/Touring Bicycle	Suggested Frame Size for Mountain/Hybrid Bicycle
24-27in / 61-69cm	-	14.5in / 37cm
26-30in / 66-76cm	-	17in / 43cm
28-31in / 71-79cm	19.5in / 50cm	18in / 45cm
30-33in / 76-84cm	21.5in / 55cm	19.5in / 50cm
31-34in / 79-86cm	22.5in / 57cm	20.5in / 52cm
32-35in / 81-89cm	23.5in / 60cm	21-22in / 53-56cm
34-37in / 86-94cm	25in / 63cm	23-23.5in / 58-60cm

NOTE

THERE SHOULD BE A CLEARANCE OF NO LESS THAN 1-2 INCHES BETWEEN THE GROIN AREA OF THE INTENDED RIDER AND THE TOP TUBE OF THE BICYCLE, WHILE THE RIDER STRADDLES THE BICYCLE WITH BOTH FEET FLAT ON THE GROUND.

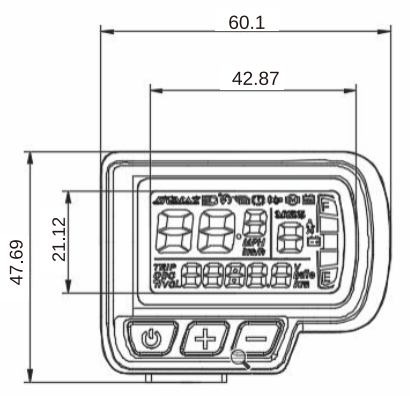
REGISTER YOUR RIDE

After reading through the pre-ride checklist and ensuring that bike parts are securely fastened and adjusted (including your handlebars, saddle, brakes, and pedals), you're almost ready to hit the road. If you’re new to e-bikes, we recommend having a professional at your local bike shop check your work before your first ride.

But first, be sure to register your e-bike and activate your warranty at rideSWFT.com. You'll need your serial number found on your bike (see the diagram below). Store your manual with your records in a safe place, and refer to it for more tips and recommendations so you can continue riding smoothly and safely.

Lastly, get moving and have an awesome ride! If you have any questions, email us at hello@rideswft.com. We’re here to help!

FUNCTION DESCRIPTION



Power On / Off

Press and hold the Power button to turn the device on or off.

Power Level Adjustment

Short press the " + " or " - " button to switch power levels.

There are 4 power levels:

9 / 12 / 16 / 20 mph

Trip Display Switching

Short press the Power button to cycle through the trip display modes:

OD0 : Total mileage

TRIP : Single trip mileage

VOL : Battery voltage

Headlight Control

Press and hold the " + " button to turn the headlight on or off.

Walk Assist Mode

Press and hold the " - " button to enter Walk Assist Mode.

Enter Settings

Press and hold " + " and " - " simultaneously for 5 seconds to enter the settings menu.

After entering settings, short press the Power button to switch between parameter modules.

Short press " + " or " - " to adjust the current parameter.

After completing the settings, press and hold " + " and " - " simultaneously for 5 seconds to save and exit.

Parameter Settings:

P01: Backlight brightness

Level 1: Darkest
Level 2: Medium
Level 3: Brightest

P02: Distance unit 0:KM 1:MILE

P04: 0D0 reset

Press and hold " + " for 5 seconds to reset OD0

ERROR CODES

Fault Code (Decimal)	Fault Status
E 06	Battery Undervoltage
E 07	Motor Fault
E 08	Throttle Fault
E 09	Controller Fault
E 10	Communication Receive Fault
E 11	Communication Send Fault

When an error code appears on the display, please address the issue promptly. The electric vehicle will not function properly if a fault occurs.

BATTERY CARE & MAINTENANCE

CHARGING THE E-BIKE

Fully charge your battery before your first ride and then after any operation, especially after long-distance riding .

Park the e-bike where an electric outlet is available. With the battery off, insert the round charging plug of the charger into the charging port on your e-bike frame, and then plug the other end into a standard 100-240 volt AC outlet.

The charging indicator will turn red when the battery is charging. The indicator will turn green when the battery is fully charged.

It takes up to 5-6 hours to fully charge a 10.4 Ah battery pack.

When the charging is finished, unplug the electrical plug from the wall outlet first, then disconnect the charging plug from the e-bike.



NOT FULLY CHARGED



FULLY CHARGED

NOTES FOR CHARGING

- Always charge your bike and ensure that you are equipped with ample battery power prior to riding.

- PLEASE CHARGE THE BATTERY IN A DRY, WELL VENTILATED AREA WITH ADEQUATE POWER SUPPLY.

- To protect the battery, only use the original charger designated for your e-bike. Please do not use the enclosed charger to charge other e-bike models or batteries.

- The charger contains a high-voltage circuit. Do not dismantle it.

- Only charge the battery while it is switched off.

- Keep the charger away from liquids and foreign substances.

- Protect the charger from impact and avoid dropping it or letting objects drop onto it.

- Do not cover the charger when it is charging.

- Please keep and use your charger in a dry and ventilated area.

- During charging, if the charger emits any smell or it becomes excessively hot, please stop charging and contact customer service.

- Do not charge your e-bike without supervising the charging process.

PRODUCT SPECIFICATIONS

	Parameter	SWFT- BRX -WHT
Overall Dimensions	Frame Material	Steel
	Unfolded Dimensions	67*27.6*43.7in
	Package Dimensions	51.97*9.06*28.15in
	Handlebar Width	27.56in
	Ground Clearance (Pedal Height)	4.33in
	Wheel Size	26"
	Frame Color	White
	Net Weight	62±2lbs
Performance Specifications	Load Capacity	265lbs
	Riding Speed	9/12/16/20mph
	Maximum Speed	20mph
	Electric Range	21.75 mi
	Maximum Climbing Angle	15°
	Operating Temperature	-10~45°C
	Waterproof Rating	IPX4

Accessory Specifications	Battery Type	Ternary Lithium Battery
	Battery Capacity	10.4 Ah
	Rated Battery Voltage	48V
	Charging Voltage	54.6V 2A
	Charger Input Voltage	AC 100~240V
	Charging Time	5-6 Hours
	Motor Type	Brushless DC Motor
	Rated Motor Power	500W
	Rated Motor Voltage	48V
	Controller Under-Voltage Protection	41±1V
	Controller Current Limit	15±1A
Product Features	Anti-Theft GPS Tracking	No
	Smart App	No
	Front Light	Yes
	Rear Light	Yes
	Saddle	Adjustable Height
	Cruise Control	No
	Braking System	Front & Rear Disc Brakes
	Personalized Decals	Supported

FCC STATEMENT

WARNING:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARNING:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

COMPANY INFORMATION:

SWFT Global, LLC

8500 Normandale Lake Blvd, Ste 350 Bloomington, MN 55437

HELLO@RIDESWFT.COM

ISED STATEMENT: CAN ICES-003(B)/NMB-003(B)

WARRANTY

Scan the QR code below to register your product & activate your warranty!

ASSEMBLY TIPS & QUESTIONS? WE'VE GOT YOU.

Scan the QR code for assembly videos & quick start instructions.
For other FAQs and more cool stuff, visit us at:
https://www.rideswft.com/pages/warranty-registration

Support: https://support.rideswft.com/hc/en-us/categories/8547478726932-Order-Information

SAVE THESE INSTRUCTIONS

RIDESWFT.COM

SWFT

RIDE-RIGHT READY™
UL CERTIFIED. STREET LEGAL.

THANKS FOR RIDING SWFT

RIDE-RIGHT READY™ OUT OF THE BOX

Before your SWFT ever left our hands, we built it to meet federal, California, New York and Illinois rules for e-bikes and e-scooters, which are among the strictest in the country. Here's what that means for you and your rider.

Four things you can count on

UL certified

The complete electrical system, including motor, battery and charger, is certified by an accredited lab: UL 2849 for e-bikes, UL 2272 for e-scooters. These are the standards required to sell them in California and New York City.

Legal power, locked speed

Every SWFT stays within the power and speed limits for its type. E-bikes are under 750W and capped at 20 mph (Class 2). No hidden mode unlocks more speed.

Clear labeling

A permanent label shows the model's top speed and motor wattage, plus its class on e-bikes, so you, and anyone who asks, can see exactly what it is.

Rider education

Every SWFT e-bike and e-scooter comes with access to a free e-bike and e-scooter safety course for teens from Aceable. Scan the code below to get started.

UL	Locked	Labeled	16+	Helmet
Certified system	Speed-limited	Speed and wattage	Recommended age	Every ride, every rider

FREE COURSE · ALL 50 STATES · AGES 12–15

Free e-bike & e-scooter safety course for teens

- Real rules of the road: right of way, following distance and more
- Short videos and quick quizzes, under 30 minutes
- Free in all 50 states, with a certificate at the end

Provided by our partners at ACEABLE

Scan to start the free Aceable course

Rules vary by state and city. Check local laws for rider age, helmet and where e-bikes and e-scooters may be ridden. Read the full assembly and owner's manual before riding. The safety course is provided by Aceable, an independent company. Ride-Right Ready™ is a trademark of SWFT Global LLC.

SWFT
www.rideswft.com