evolve

PROJECT BMX

USER MANUAL

To prevent DEATH, SERIOUS INJURY or PROPERTY DAMAGE, you should read, understand and follow the warnings and instructions in this manual. Keep for future reference.


PROJECT
EST.
2009

CONGRATULATIONS ON YOUR PURCHASE!

FROM ALL OF US AT EVOLVE, WE WANT TO THANK YOU FOR CHOOSING US. WE ARE STOKED TO WELCOME YOU TO THE EVOLVE COMMUNITY!

Please read this User Manual carefully before riding, so you will be thoroughly familiar with the proper operation of your Evolve Project BMX, its features, capabilities and limitations. To ensure a long, trouble-free life for your Project BMX, provide it with the proper care and maintenance as described in this manual. Of course, it is not practical or possible to warn you about all the hazards associated with operating or maintaining your Project BMX. You must use your own good judgment.

For replacement parts and accessories, you should always use Evolve approved parts, as they have been specially designed for your product and are manufactured to meet your demanding standards.

This manual should be considered a permanent part of your Evolve Project BMX and should remain with the bike when it is sold.

IF YOU NEED ANY ASSISTANCE, PLEASE DO NOT HESITATE TO REACH OUT TO US.

RIDEEVOLVE.COM

CONTENTS

SIGNAL WORDS

⚠ DANGER — Indicates a hazardous situation that, if not avoided, will result in death or serious injury.

⚠ WARNING — Indicates a hazardous situation that, if not avoided, could result in death or serious injury.

⚠ CAUTION — Indicates a hazardous situation that, if not avoided, could result in minor or Moderate injury.

⚠ NOTICE — Indicates information considered important, but not hazard related (e.g. messages relating to property damage).

SYMBOL INDEX

Safety Alert Symbol. It is to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible serious injury or death.

Pinch Point Hazard. Keep fingers, hair, clothing (including shoelaces) jewellery and other objects away from belts, wheels and motors.

NEVER ride under the influence of drugs and/or alcohol.

ALWAYS wear a helmet and protective elbow and knee pads.

Read, understand and follow the warnings and instructions in this manual.

IMPORTANT SAFETY INFORMATION

READ AND UNDERSTAND USER MANUAL BEFORE RIDING

Read the entire User Manual before riding on your Project BMX and keep it for reference. This User Manual contains important safety, performance and service information.

Like any sport, bike riding involves the potential risk of death, serious injury and property damage. By choosing to ride, you assume the responsibility for that risk, so you need to know - and to practice - the rules of safe and responsible bicycle operation. Proper use and maintenance of your bicycle reduces the risk of injury. If you have any questions or do not understand something, contact your regional Evolve distributor.

This manual is not intended as a comprehensive use, service, repair or maintenance manual. Please see your regional distributor for all service, repairs or maintenance. Your regional distributor may also be able to refer you to resources on service, repair or maintenance.' (i.e. links to our YouTube channel).

RIDER'S RESPONSIBILITY REGARDING REGULATIONS

It is the rider's responsibility to obey the regulations that apply to your Bike.

The regulations covering the use of your Project BMX vary by state/province, and even municipality in certain locations. You must comply with the local regulations related to the minimum age of the rider, insurance, license plate, traffic and maximum speed regulations and any other regulations. These regulations may change at any time.

INTENDED USE

The intended use of your Project BMX is to be ridden by one adult rider (Age 16 and up) and up to 120kg at a time for personal transportation and recreational use. Any other use is prohibited and may result in **SERIOUS INJURY** or **DEATH.**

Your Project BMX is **NOT INTENDED** for stunts or jumping of any kind.

Riders should be proficient cyclists riding on paved surfaces or dirt paths where the tyres are always on the ground. Only use on roadways where permitted by law (We recommend not riding on pedestrian use shared lanes or sidewalks).

The recommended rider age is 16 and older. A parent's decision to allow their child to ride this product should be based on the child's maturity, skill and ability to follow rules. Riders under the age of 18 should ride under adult supervision.

SAFETY MESSAGES

⚠ WARNING TO PREVENT SERIOUS INJURY OR DEATH

- Read all safety warnings and all instructions.
- Always ride within your limits and the limits of your Project BMX. **ALWAYS** ride at speeds at which you are comfortable without power or brakes.
- Only for use by persons 16 years of age and above. Riders must have the physical coordination, reaction and mental capabilities to control a bicycle and manage traffic, road conditions and sudden situations, as well as to respect the laws and instructions governing electric bicycle use. Persons with any mental or physical conditions that may make them susceptible to injury, impair their physical dexterity or mental capabilities to recognise, understand, and follow safety instructions and to be able to understand the hazards inherent in its use, should not use or be permitted to use products inappropriate for their abilities.
- Never ride under the influence of drugs and/or alcohol.

- Consult a doctor before using the device if you have any medical condition or issue that affects your ability to safely perform physical activities, or if you:
  - are or may be pregnant;
  - have heart, respiratory, back, joint, or other orthopaedic conditions;
  - have high blood pressure;
  - have difficulty with physical exercise; or
  - have been instructed to restrict physical activity.
- Always keep small parts away from children. Some bicycle accessories may present a choking hazard to small children.
- Never modify your frame or bicycle in any way. Do not sand, drill, file or remove parts from your Project BMX. Do not install incompatible components or hardware.
- **PINCH POINT** Hazard. Keep fingers, hair, clothing (including shoelaces) jewellery and other objects away from chains, wheels and motors.

- Please do not touch hot surfaces after heavy use. Such as disc brake rotor.
- A-weighted emission sound pressure level to the driver ears is less than 70 Db.
- Take responsibility for your own **SAFETY.** If you have any questions or do not understand something, contact Evolve at **RIDEEVOLVE.COM.**

HELMETS, REFLECTORS, LIGHTS

Always wear a helmet. Wearing a helmet properly may reduce the risk of a severe head injury. When riding, always wear a helmet that meets or exceeds the standards of the Consumer Product Safety Commission (CPSC).

- Ensure your helmet fits your head and is properly secured.
- Always read your helmet manual to make sure your helmet is properly adjusted for your head according to the fitting instructions provided by your helmet manufacturer.
- A proper fitting helmet should be comfortable and not rock forward/ backward or side to side.
    - The helmet should sit level to protect your forehead and should not have more than a 2 finger gap from your eyebrows. **NEVER** wear your helmet tipped back to expose your forehead or angled left or right.
    - Adjust straps so sliders are below and in front of the ear on both sides.
    - Buckle chin strap. Adjust strap so no more than two fingers fit between the strap and your chin.
- Always wear athletic shoes (lace-up shoes with rubber soles), never ride barefooted or wearing sandals. Keep shoelaces tied and away from the wheels and the drive system.

⚠ WARNING

Always wear a helmet when riding your bike. Always keep the chin strap securely buckled. Failure to wear an approved helmet may result in serious injury or death.

REFLECTORS

Many regions require specific safety devices. It is your responsibility to familiarize yourself with the laws of the state where you ride and to comply with all applicable laws, including properly equipping yourself and your bike as the law requires.

Reflectors are important safety devices that are designed as an integral part of your bicycle. Federal regulations require every bicycle to be equipped with front, rear, wheel and pedal reflectors and/or lights. These reflectors are designed to pick up and reflect street lights and car lights in a way that helps you to be seen and recognized as a moving bicyclist. Check reflectors and their mounting brackets regularly to make sure they are clean, straight, unbroken and securely mounted.

DO NOT RIDE IN WET CONDITIONS

- Riding in wet conditions will significantly reduce grip. This may result in the bicycle aquaplaning or sliding from under your feet or the wheels slipping or sliding. It will also take longer for you to brake or stop. The risk of a crash is dramatically increased in wet conditions.
- Your Evolve Bike may be able to withstand light rain and small splashes, but is not designed to be subjected to inclement weather, extremely heavy showers or submersion in water.

NOTE: Water damage is not covered under warranty.

RIDING AT NIGHT

If you must ride your bike after dusk or before full daylight, your bicycle must be equipped with lights so that you can see the road and avoid road hazards: and so that others can see you.

Vehicle laws treat bicycles as any other vehicle. That means you must have a white front and a red rear light operating if you are riding after dusk or before full daylight. Your bike dealer can recommend a battery or generator powered lightning system appropriate to your needs.

REGION SPECIFIC SET UP AND CONTROL

The cable routing of the front and rear brake levers is dependant on region. Ensure you are aware which brake is controlled by each lever before riding. Any adjustments to the set up can result in an accident.

LEFT LEVER CONTROLS FRONT BRAKE. RIGHT LEVER CONTROLS REAR BRAKE				
AUSTRIA	DENMARK	ITALY	POLAND	SWITZERLAND
BRAZIL	FRANCE	NETHERLANDS	SPAIN	RUSSIA
CANADA	GERMANY	PORTUGAL	SOUTH KOREA	USA

LEFT LEVER CONTROLS REAR BRAKE. RIGHT LEVER CONTROLS FRONT BRAKE		
AUSTRALIA	HONG KONG	SINGAPORE
INDONESIA	MALAYSIA	UK
JAPAN	NEW ZEALAND	

FOLLOW BICYCLES REGULATIONS ON AND OFF ROAD

⚠ NOTICE **DO NOT RIDE ON BUSY ROADS WITH LINE MARKINGS. ALWAYS RESPECT PEDESTRIANS!**

- **BE AWARE OF E BIKE REGULATIONS IN YOUR AREA.** There may be local differences such as where you can ride, minimum rider age, or required equipment and registration regulations. It is your responsibility to know the local regulations that apply to an electric bicycle for the area you intend to ride and to obey them.
- **DO NOT RIDE ON BUSY ROADS WITH LINE MARKINGS.**
- **ALWAYS RESPECT PEDESTRIANS!!**

RIDE AT YOUR OWN RISK AND USE COMMON SENSE

- **YOUR PROJECT BMX HAS A MAXIMUM SPEED OF 36 KPH (23 MPH). 250W REGION SPECIFIC MODEL HAS A MAXIMUM SPEED OF 25KPH (15.5MPH)**
- **FOR THE DRIVE UNIT AND DISPLAY COMPONENTS, THE OPERATING TEMPERATURE IS -20°C TO +45°C (-4°F TO 113°F) AND THE BATTERY IS -20°C TO 60°C (-4°F TO 140°F).**
- Do not ride distracted. Always remain alert to all riding conditions. Using technology (including your mobile phone or music player) while riding could distract you. Never use headphones or a mobile phone to talk or text when riding.
- Always ride defensively. Watch out for potential obstacles that could force you to swerve suddenly or lose control. Braking while turning may reduce your ability to control your Evolve Project BMX.
- Look ahead and brake sooner. You may be moving faster and your electric bike is heavier as compared to a normal bike, so you may need to react and brake sooner when riding. Other road users may not expect you to be travelling at higher speeds. Riding faster increases your risk of death or serious injury from a crash.
- Slow down well before entering corners, so you do not enter a corner too quickly. You should also pay particular attention to terrain conditions as you may approach obstacles faster than expected.
- Do not jump the bike, do not ride off gutters or curbs, do not smash the bike into hard objects, do not drop the bike on the ground for starting operation to prevent damaging your bike and its systems.

RULES OF THE ROAD

Listed below are general rules of cycling. You should contact your local law enforcement officials for any additions to these rules.

⚠ WARNING Failure to obey these **RULES OF THE ROAD** could result in injury to the rider or to others.

1. Learn the local bicycle laws and regulations, especially those pertaining to electrically assisted bicycles in your area. Many communities have special regulations about licensing of bicycles, riding on sidewalks, law regulating bike path and trail use, and so on.
2. You are sharing the road with others. Respect their rights, and be tolerant if they infringe on yours.
3. Ride defensively. Assume that the people with whom you are sharing the road are so absorbed with what they are doing and where they are going that they are oblivious to you.
4. Look ahead of where you're going, and be ready to avoid:
    - Vehicles slowing or turning in front of you, entering the road or your lane ahead of you, or coming up behind.
    - Parked car doors opening in front of you.
    - Pedestrians stepping out in front of you.
    - Children playing near the road.
    - Pot holes, sewer grating, railroad tracks, expansions joints, road or sidewalk construction, debris and other obstructions that could cause you to swerve into traffic, catch your wheel or otherwise cause you to lose control and have an accident.
5. Always ride single file. Ride in designates bike lanes or designated paths, in the same direction as car traffic and as close to the edge of the road as possible.
6. Stop at stop signs and traffic lights: slow down and look both ways at street intersections. Remember that bicycle always loses in a collision with a motor vehicle, so be prepared to yield even if you have the right of way.
7. Use hand signals for turning and stopping. Learn the local vehicle code for the correct signals.
8. **NEVER** ride with headphones. They mask traffic sounds and emergency vehicle sirens, distract you from concentrating on what's going on around you, and their wires can tangle in the moving parts of the bicycle, causing you to lose control.

9. **NEVER** carry a passenger.
10. **NEVER** carry anything which obstructs your vision or your complete control of the bicycle, or which could become entangled in the moving parts of the bicycle.
11. **NEVER** hitch a ride by holding on to another vehicle.
12. Don't do stunts, wheelies or jumps. They can cause you injury and damage your bike.
13. Don't weave through traffic or make any moves that may surprise people with whom you are sharing the road.
14. Observe and yield the right of way.
15. **NEVER** ride your bicycle while under the influence of alcohol or drugs.
16. If possible, avoid riding in bad weather, when visibility is obscured, at dusk or in the dark or when extremely tired. Each of these conditions increase the risk of accident.

ALWAYS RIDE CAREFULLY

PROJECT BMX

YOUR BIKE

1. SADDLE
2. TAILLIGHT
3. REAR WHEEL
4. SPEED SENSOR
5. CHAIN
6. CRANK SET
7. DRIVE SYSTEM
8. FRONT WHEEL
9. BRAKE AND CONTROL WIRING
10. STEM
11. DISPLAY
12. HANDLEBARS
13. THROTTLE
14. GRIPS
15. CHROMOLY FRAME
16. ACCESSORY MOUNTS
17. PEDALS
18. RACK MOUNTING

WEIGHT
TOTAL BUILD - 20.5KG
FRAME - 15KG
BATTERY - 3KG
DRIVE SYSTEM -3.3KG

BEFORE YOU RIDE

⚠ WARNING

THIS BIKE MUST BE ASSEMBLED BY A PROFESSIONAL FOR PROPER AND SAFE FUNCTION. IMPROPER UNPACKING AND ASSEMBLY CAN CAUSE DAMAGE TO THE BIKE AND/ OR BODILY HARM AND IS NOT COVERED BY THE EVOLVE BIKES WARRANTY.

- Be aware that bikes need maintenance and upkeep periodically. It is recommended to check all bolts and test all mechanical components before each ride.
- The more intense you ride, the more attention you should give to the proper function of the bike.
- Electric bikes experience more wear and tear than normal bikes because of their weight and higher speeds.

ASSEMBLY GUIDE

FOR A VIDEO GUIDE FOR THIS INSTALLATION, PLEASE REFER TO OUR YOUTUBE CHANNEL.

YOUTUBE.COM/EVOLVESKATEBOARDS

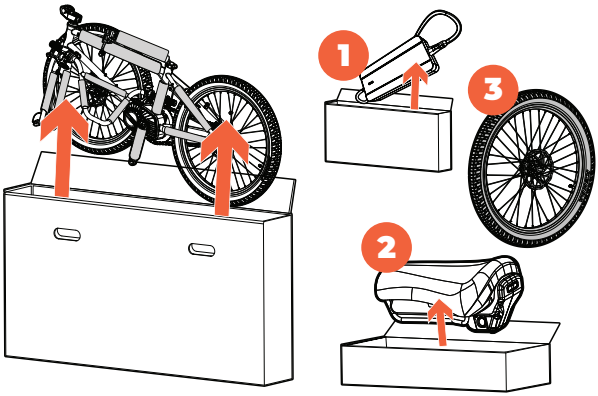
UNBOXING

Open the box. Be careful to not to damage the bike with sharp tools while removing any packaging.

Your bike comes mostly pre-assembled, with the front wheel and handlebars strapped to the frame of the bike. Lift the bike out of the box with another person's assistance. Carefully remove the zip ties and foam from the bike.

⚠ NOTICE **DAMAGE OCCURRING FROM UNBOXING OR ASSEMBLING IS NOT COVERED IN THE WARRANTY.**

Locate and remove the smaller boxes containing the charger (1) and Saddle/ Battery (2) and place to the side. Set the front wheel to the side (3). Place the bike in an upright position on soft flooring or a soft surface to avoid scratching. Continue to remove the zip ties and foam from the bike.

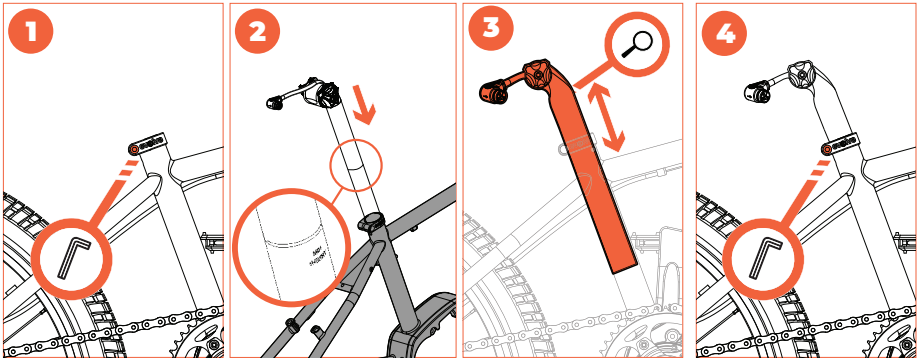


To ensure your bike is ready to ride once assembled it is best practice to charge your battery. To remove the battery from the seat. Please see **"REMOVING THE BATTERY" PAGE 35** and to charge the battery, please see"**CHARGING THE BATTERY" PAGE 36.**

SEAT POST INSTALL

Loosen the hex bolt on the seat post clamp completely (1), gently lift and install the seat post into the frame make note of the minimum insertion mark on the seat post (2). Ensure the cable fed into the frame and is not obstructing the movement of the seat post (3). Tighten the seat post clamp to **6-8NM (4).**

FINAL ADJUSTMENT OCCURS DURING ADJUSTMENT AND TORQUING PG. 27.



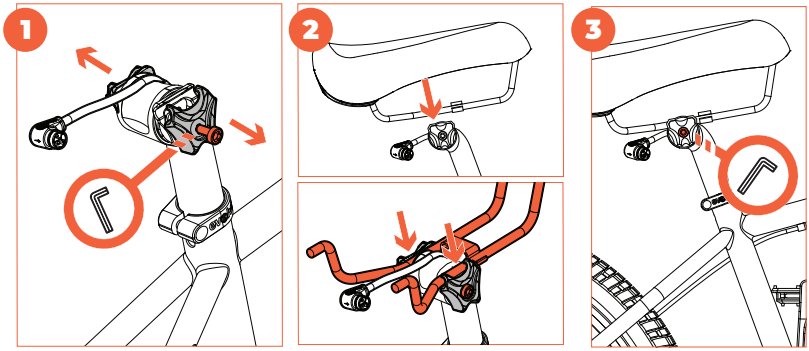
NOTE: SEAT POST CONTAINS ELECTRONIC CABLING. FAILURE TO ADJUST OUTSIDE THE ACCEPTABLE RANGE MAY RESULT IN DAMAGE TO YOUR BIKES ELECTRONIC SYSTEM.

NOTE: SEAT POST MUST BE INSERTED AT LEAST TO THE MINIMUM INSERTION MARK STAMPED ON THE LOWER PART OF THE POST. IF NO MINIMUM INSERTION MARK CAN BE FOUND, MAKE SURE AT LEAST 3 IN, (7.6CM), OF THE POST IS INSIDE THE BICYCLE FRAME TUBE.

SADDLE INSTALL

To install the saddle, loosen the hex bolts (1) either side of the saddle rail clamp on the seat post. Do not completely remove, the side clamps should remain attached to the seat post.

Place the saddle rails in the grooves either side of the seat post (2). Ensure the rails are sitting in the grooves. Tighten the hex bolts to ensure the saddle is firmly secured to the seat post (3).

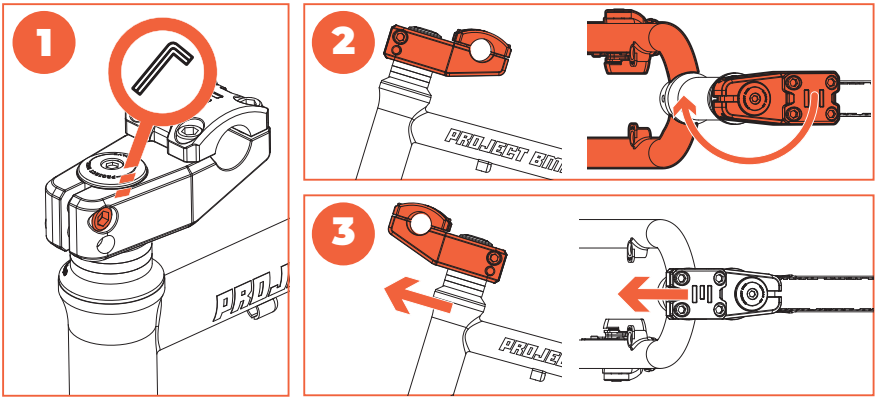


To ensure your saddle is at the correct hight and angle please see **"SADDLE ADJUSTMENT HIGHT" PAGE 27**

FINAL ADJUSTMENT OF THESE BOLTS OCCURS DURING ADJUSTMENT AND TORQUING PG. 27.

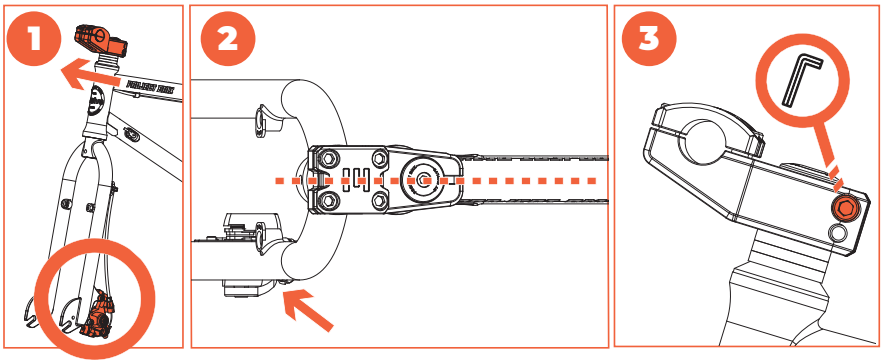
HANDLEBARS

1. Using a 6MM Allen key, loosen the 2 Stem Bolts (1) from the sides of the handlebar Stem. Rotate the Stem and forks (2) to face the front of the bike (3).

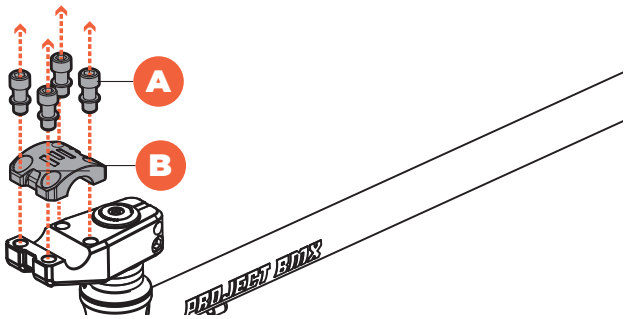


2. Ensure the Stem is facing the front of the bike (1) and is parallel to the frame (2). Once confident in the alignment, tighten the 2 Stem bolts on either side of the Stem (3).

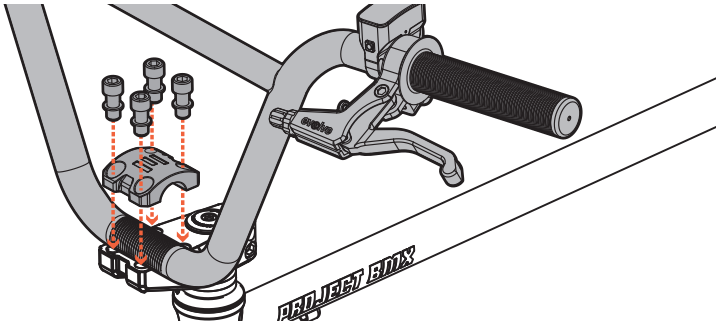
FINAL ADJUSTMENT OF THESE BOLTS OCCURS DURING ADJUSTMENT AND TORQUING PG. 27.



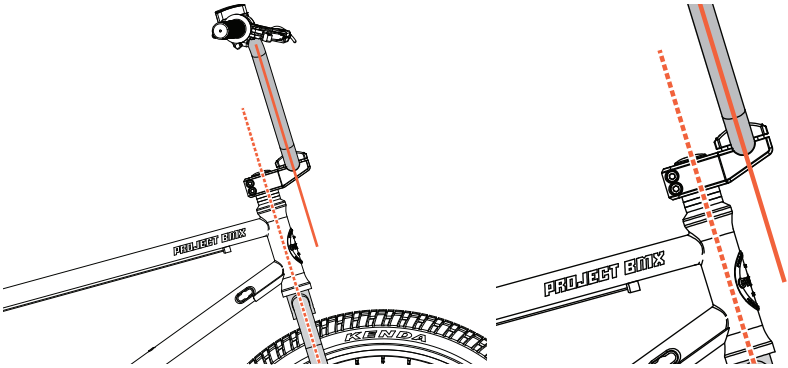
3. Using a 6MM Allen key. Remove the 4 Stem Bolts (A) from the top of the handlebar Stem and remove the Stem Clamp (B).



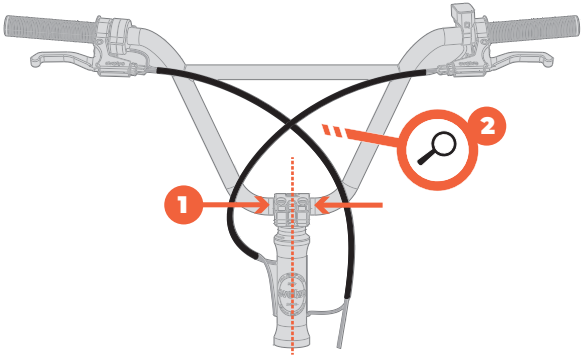
4. Lift the handle bars in place and loosely assemble the Stem Bolts and Stem Clamp to hold the handlebars in place.



5. Position the handlebars at an upright angle. Align the handlebars so they are parallel to the Front Forks.

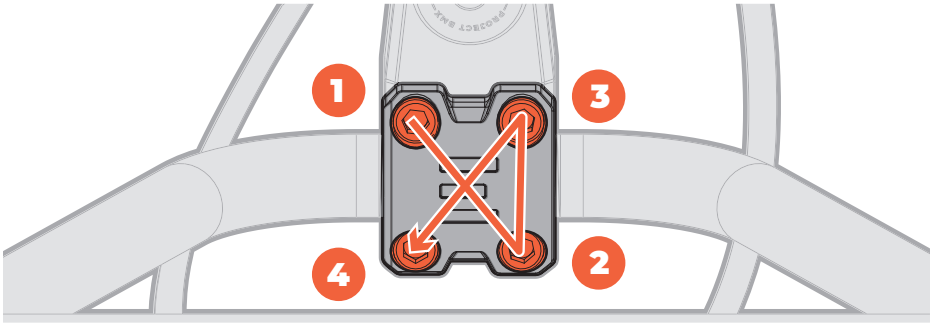


6. Position the handlebars with the knurling centered inside the handlebar clamp (1). Make sure that the control cables are not tangled or kinked (2).



NOTE: POSITION OF FRONT AND REAR BRAKE LEVER IS DEPENDANT ON REGION. ENSURE YOU ARE AWARE WHICH BRAKE IS CONTROLLED BY EACH LEVER BEFORE RIDING. SEE REGION SPECIFIC SET UP AND CONTROL ON PAGE 10.

7. Tighten the Stem Bolts in a criss cross pattern, ensuring the gap at the front and rear of the stem remains even. **FINAL ADJUSTMENT OF THESE BOLTS OCCURS DURING ADJUSTMENT AND TORQUING PG. 24.**



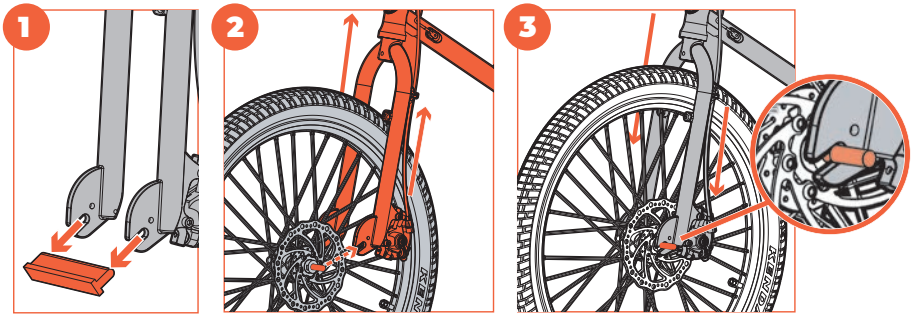
⚠ WARNING

PLEASE REFER TO TORQUING AND ALIGNMENT BEFORE RIDING.

FRONT FORK AND FRONT WHEEL

Remove the plastic axle brace (1). Prepare the front wheel axle for mounting by loosening the front axle nuts and retainer washers.

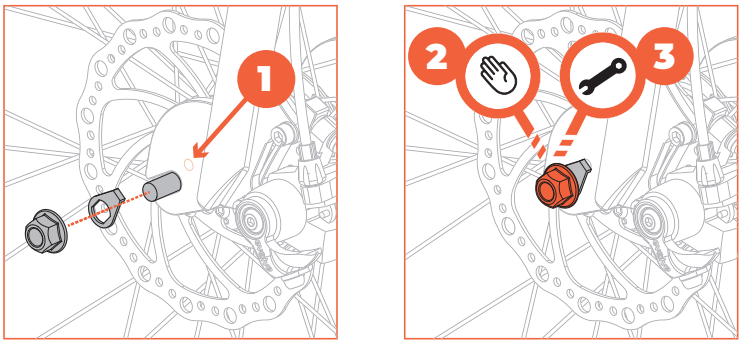
Lift the bike from the handlebars to lower the front forks onto the front wheel axle (2). Guide the disc into the brake caliper and the axle slots into the axle plates (3). This is best to do with the help of another person.



Slide on the retainer washers so that the retaining hook is placed in the hole on the axle plate of the front fork (1).

Thread the axle nut on by hand (2) and give a gentle tighten with a closed-end wrench (3).

FINAL ADJUSTMENT OF THESE BOLTS OCCURS DURING ADJUSTMENT AND TORQUING PG. 24.

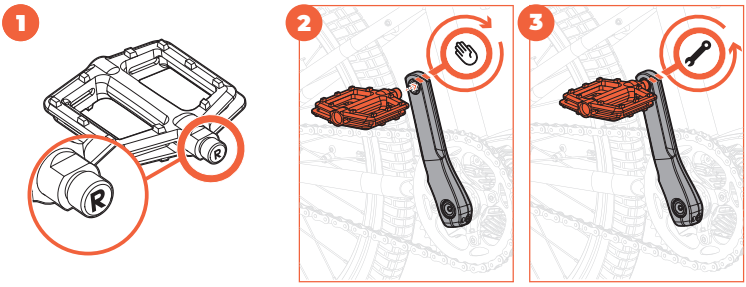


PEDALS

RIGHT SIDE

Ensure you have the correct pedal. Identify the **R** on the threaded spindle of the pedals (1). It is advised to heavily grease the threaded spindles before installation.

Thread the spindle onto the crank arms by hand, ensure the threads of the pedal match the grooves on your crank arm to avoid damage to the threads. (2). Rotate the pedals toward the **REAR** of the bike to tighten the right side pedals (3). Tighten further with a open-end wrench to ensure it is fitted completely.



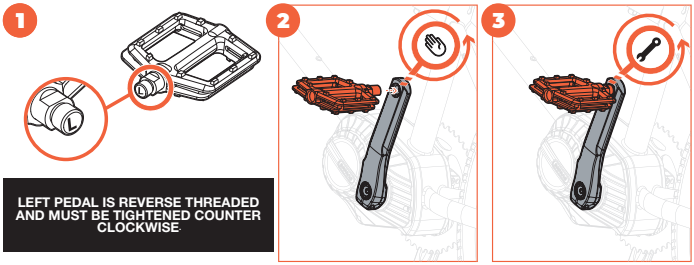
LEFT SIDE

⚠ NOTICE

LEFT PEDAL IS REVERSE THREADED AND MUST BE TIGHTENED COUNTER CLOCKWISE.

Ensure you have the correct pedal. Identify the **L** on the threaded spindle of the pedals (1). It is advised to heavily grease the threaded spindles before installation.

Thread the spindle onto the crank arms by hand, ensure the threads of the pedal match the grooves on your crank arm to avoid damage to the threads. (2). Rotate the pedals toward the **REAR** of the bike to tighten the left side pedals (3). Tighten further with a open-end wrench to ensure it is fitted completely.



REFLECTORS

Your bicycle is supplied with a reflector kit based on the requirements of your region.

These are an important safety and legal requirement, and should remain securely fitted and in good, clean conditions at all times. Periodically, inspect all reflectors, brackets and mounting hardware for signs of wear or damage.

Replace immediately if damage is found.

⚠ NOTICE

IT IS IMPORTANT TO CHECK AND ADJUST THE POSITION OF THE REFLECTORS AS YOU ASSEMBLE YOUR BIKE.

The reflectors must always be vertical (perpendicular to the ground) and pointed toward the front and rear of the bike.

Make sure that the adjustment is correct as a final step in the assembly of your bike.

MOUNTING REFLECTORS

1. Put the seat post mounted rear reflector in the correct position by loosening the screws of the rear reflector bracket.
2. Make sure the rear reflector is vertical and points straight toward the rear of the bicycle.
3. Make sure there are at least **7.6CM (3")** of clearance between the top of the seat and the top of the red rear reflector.

⚠ WARNING

FOR YOUR OWN SAFETY, DO NOT RIDE THE BICYCLE IF THE REFLECTORS ARE INCORRECTLY INSTALLED, DAMAGED OR MISSING. MAKE SURE THE FRONT AND REAR REFLECTORS ARE VERTICAL. DO NOT ALLOW THE VISIBILITY OF THE REFLECTORS TO BE BLOCKED BY CLOTHING OR OTHER ARTICLES. DIRTY REFLECTORS DO NOT WORK WELL. CLEAN THE REFLECTORS, AS NECESSARY, WITH SOAP AND A DAMP CLOTH.

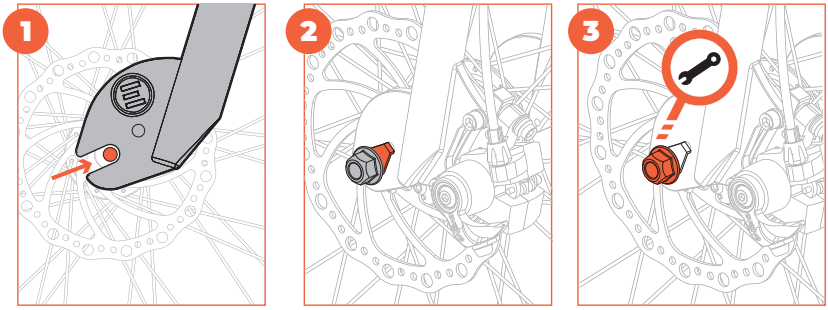
TORQUING AND ALIGNMENT

FRONT WHEEL ALIGNMENT

Be sure that the axle is completely settled in the axle slots (1), retainer washers are in place (2) and the axle nuts are torqued to **29.4–44NM (3).**

⚠ WARNING

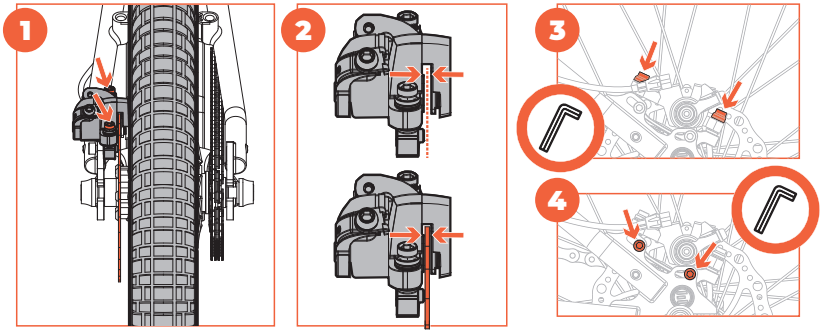
PLEASE REFER TO TIRE PRESSURE (PG29) BEFORE RIDING. INCORRECT TIRE PRESSURE CAN LEAD TO REDUCED PERFORMANCE OR CREATE A DANGEROUS RIDING EXPERIENCE.



BRAKE CALIPER ALIGNMENT

Loosen the adjustment bolts (1) and carefully position the brake caliper on the disc. A method to do this is to lightly hold the brake lever to center the brake caliper on the disc. The disc is should be centered to the brake pads (2).

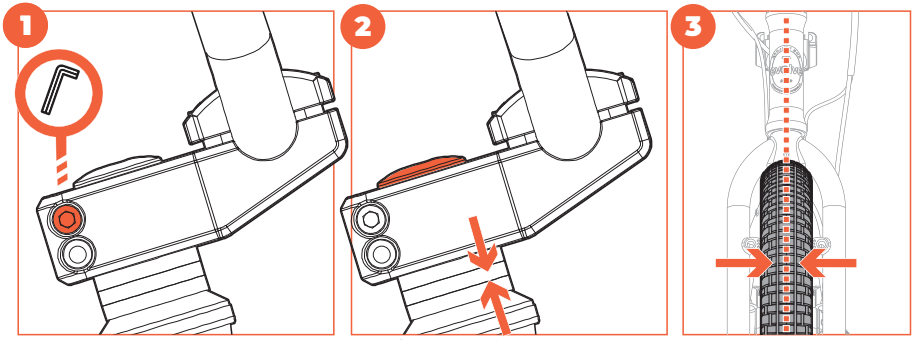
Tighten the bolts incrementally up to **12 NM.** This can take a couple tries to ensure the wheel spins freely and the disc does not rub. The brake caliper mounting bolts (3) should always be securely tightened to the frame to **12 NM (4).**



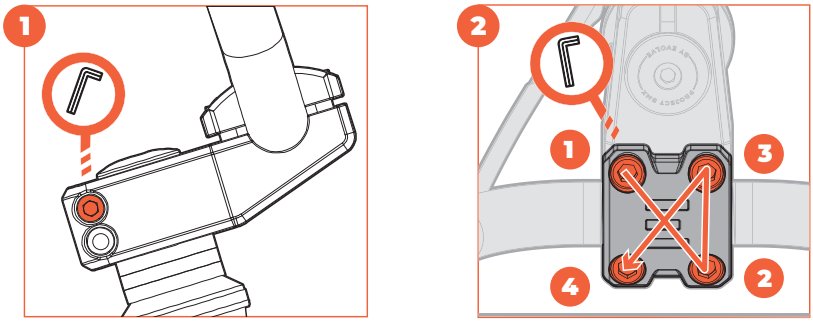
STEM, FORK & HANDLEBAR

The stem controls your handlebar alignment and must be fitted correctly for safe riding. The steerer tube and stem must be tight and exhibit no "play". You can check this by loosening the bolts on the side of the stem (1) and tightening the cap bolt (2) to pull the "stack" of steering bearings and spacers together.

Do not over-tighten the cap bolt, but the stack of bearing and spacers on the steerer tube should be tight. Ensure that the stem is aligned with the front wheel (3).



Once aligned, re-tighten the stem bolts that clamp the steerer tube (1). Now check alignment and angle of the handlebars and then tighten handlebar clamp bolts (2). All bolts on the stem should be torqued to **7 NM.**



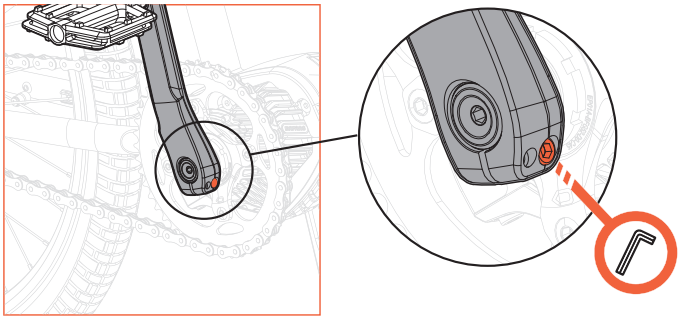
⚠ WARNING

ALWAYS TIGHTEN FASTENERS TO THE CORRECT TORQUE. BOLTS THAT ARE TOO TIGHT CAN STRETCH AND DEFORM. BOLTS THAT ARE TOO LOOSE CAN MOVE AND FATIGUE. EITHER MISTAKE CAN LEAD TO A SUDDEN FAILURE OF THE BOLT, CAUSING YOU TO LOSE CONTROL AND FALL.

CRANK ARMS ALIGNMENT

Crank bolts should be checked and torqued to **23 NM.**

Apply light grease whenever re-assembling. Do not over tighten due to risk of stripping the bolts.



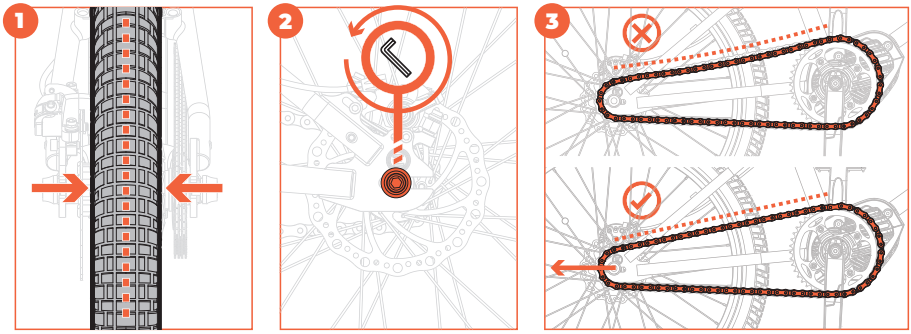
REAR WHEEL & CHAIN ADJUSTMENT

Rear wheel alignment and chain tension should be checked often. Electric bikes sustain higher speeds and forces than standard bikes. Adjustable parts can move more frequently than regular bikes.

Ensure the rear wheel is properly aligned by equalizing the spaces between the rear wheel/tire and the frame on either side (1).

To maintain proper chain tension, slightly loosen each axle nut on the rear axle (2). Align rear wheel while increasing chain tension by sliding the back wheel incrementally towards the rear of the bike. A properly tensioned chain should have ~10mm freeplay in the center of the chain. Rotate the cranks to ensure there is 5-10mm freeplay at all positions in the crank cycle

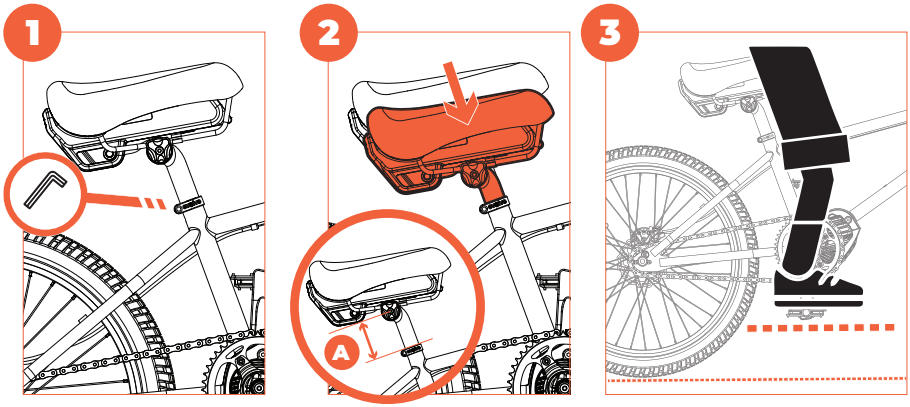
After the axle is in the right position, tighten the axle nuts to **60NM.**



SADDLE ADJUSTMENTS HEIGHT

NOTE: SEAT POST CONTAINS ELECTRONIC CABLING. FAILURE TO ADJUST PROPERLY AS OUTLINED BELOW OR OUTSIDE THE ACCEPTABLE RANGE MAY RESULT IN DAMAGE TO YOUR BIKES ELECTRONIC SYSTEM.

1. Use a hex tool to loosen the seat post clamp screw.
2. Lower the seat to its lowest position. Inside the Motor Bracket is a stop to prevent the seat post from lowering beyond its lowest position. Once resistance is felt on the seat post, do not lower any further. This distance can be measured from the top of the Seat Post Clamp to the center of the Saddle Rail (A). This distance should be 85mm
3. Place heel of foot on pedal with foot parallel to the ground.

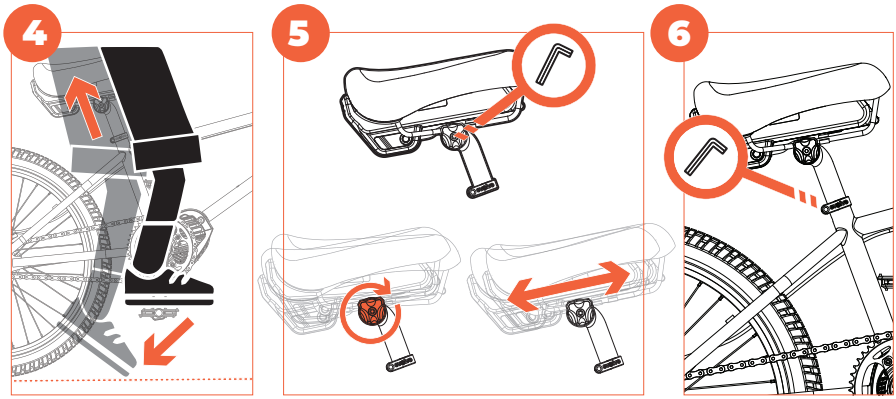


NOTE: SEAT POST MUST BE INSERTED AT LEAST TO THE MINIMUM INSERTION MARK STAMPED ON THE LOWER PART OF THE POST. IF NO MINIMUM INSERTION MARK CAN BE FOUND, MAKE SURE AT LEAST 3 IN, (7.6CM), OF THE POST IS INSIDE THE BICYCLE FRAME TUBE.

4. Raise the saddle to a position so that toe of other foot can touch the ground. Ride must be able to straddle the bicycle with at least 25.4mm (1inch) clearance above the top tube.

5. Adjust the saddle angle and front to back position. The saddle should be parallel to the ground and aligned straight with the bicycle frame. When in the correct position tighten the Saddle Clamp bolt **6NM.**

6. Tighten seat post clamp - Recommended torque is **6NM.**



TIRE PRESSURE

Lower pressures help smooth out rough terrain and provide more traction on some surfaces. **45 -65 PSI (2.8 -4.5 BAR / 280-450 KPA)** for normal road terrain and rider weight 55-82kg (120-180 lbs).

Do not add more PSI beyond the maximum recommended pressure labeled on the side of the tire.

- Tire pressure is indicated on tire sidewalls.
- Use hand or foot pump to inflate tires.
- Never ride with an under-inflated tire. Improper tire pressure can cause excessive wear or blowouts and reduced battery range.
- Make sure tire-beads are properly seated in the rims.
- Check rims for trueness.
- If you are not sure on any of the above, be sure to refer to a bike mechanic.

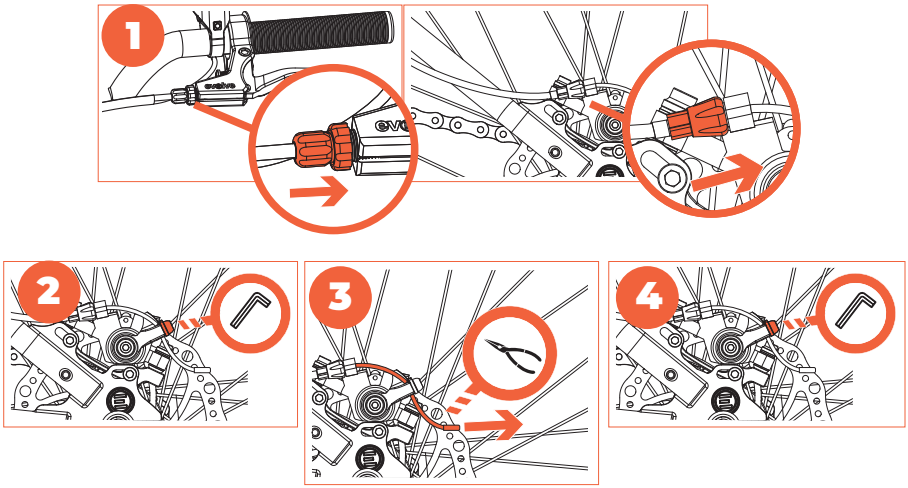
BRAKE ADJUSTMENT

⚠ WARNING

IF ADJUSTMENTS ARE NOT CARRIED OUT CORRECTLY, PROBLEMS MAY OCCUR. THIS CAN RESULT IN SERIOUS INJURY. IF UNSURE, ADJUSTMENTS SHOULD BE DONE BY A PROFESSIONAL FOR PROPER AND SAFE FUNCTION.

KEEP FINGERS AWAY FROM THE ROTATING DISC BRAKE ROTOR. SHARP EDGES CAN CAUSE INJURY IF CAUGHT IN OPENINGS WHILE THE DISC ROTOR IS MOVING.

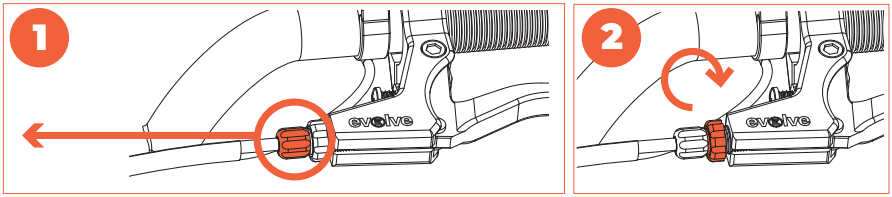
Turn the barrel adjusters on the Brake Lever and Caliper all the way in (1). Loosen the pinch bolt on the caliper until it is relaxed (2). Pull the cable tight so that it is free of slack (3), and then tighten the cable pinch bolt to secure the cable in place.



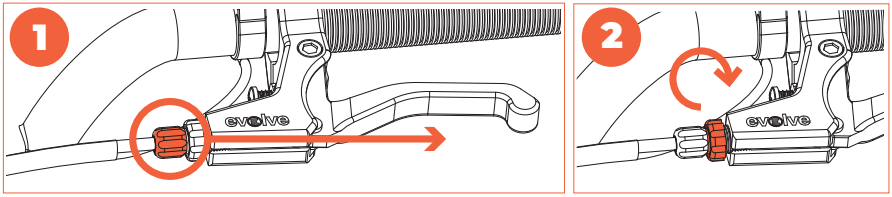
BRAKE ADJUSTMENT

As brake pads and cables wear, slack can be taken up by the barrel adjusters. If the lever touches the handlebars, the brake cable is too loose. If you can barely squeeze it at all, the cable is too tight.

If the brake lever is too loose, adjust the barrel adjuster away from the brake lever housing; this creates extra tension on the brake cable (1). Then tighten the brake adjuster nut to secure the position (2).



If the brake lever is too tight, adjust the barrel adjuster towards the brake lever housing; this action relieves the tension on the brake cable (1). Then tighten the brake adjuster nut to secure the position (2).



STOP!

THE BIKE IS NOW ASSEMBLED, BUT YOU WILL NEED PROPER ADJUSTMENT AND SYSTEMATIC CHECKS REGULARLY, ESPECIALLY IF THE BIKE IS GETTING HEAVY USE. YOU SHOULD ROUTINELY PERFORM THE FOLLOWING CHECKS IN THE PRECEDING ADJUSTMENT & TORQUING' SECTION OF THIS MANUAL. CHECKING ALL BOLTS BEFORE EACH RIDE IS HIGHLY RECOMMENDED.

PRE-RIDE CHECKLIST

1. BEFORE EACH RIDE, INSPECT YOUR BIKE FOR DAMAGE. DO NOT RIDE IF DAMAGED.

2. CHECK BOTH THE FRONT AND REAR WHEELS ARE ALIGNED AND SECURE

3. BE SURE TO MAINTAIN TYRE PRESSURE BETWEEN MIN 40 - MAX 65 PSI.

2.8 -4.5 BAR 280-450 KPA

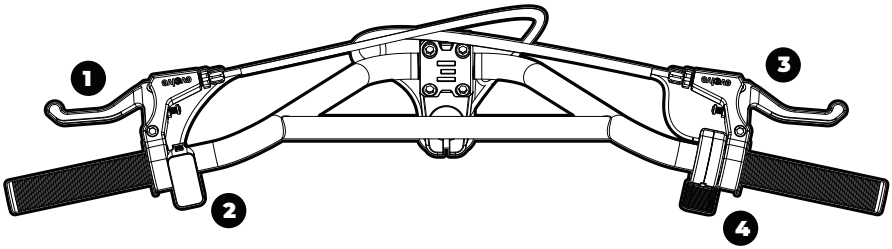
4. PROPERLY SECURE YOUR HELMET.

5. ADJUST AND SET YOUR SADDLE HEIGHT PROPERLY.

6. MAKE SURE YOUR BIKE BATTERY IS FULLY CHARGED.*

*See Battery Section for additional information about charging your battery.

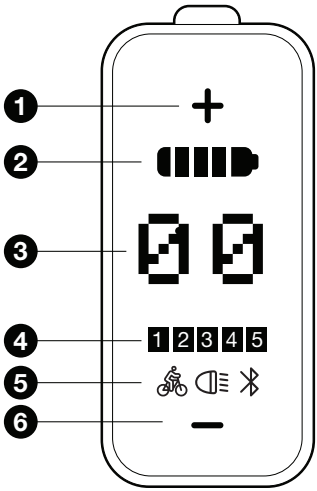
CONTROLS



1. BRAKE LEFT HAND SIDE
2. DISPLAY
3. BRAKE RIGHT HAND SIDE
4. THROTTLE (500w Model Only)

NOTE: POSITION OF FRONT AND REAR BRAKE LEVER IS DEPENDANT ON REGION. ENSURE YOU ARE AWARE WHICH BRAKE IS CONTROLLED BY EACH LEVER BEFORE RIDING. SEE REGION SPECIFIC SET UP AND CONTROL ON PAGE 10.

DISPLAY

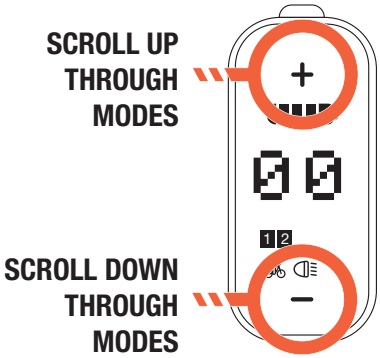


1. Increase Speed Mode
2. Battery Charge
3. Speedometer
4. Speed Mode
5. Additional Functions
6. Decrease Speed Mode

CHANGING MODES

When the display is turned on, press the **Plus (+)** or **Minus (-)** buttons to switch modes.

The lowest level is 1, the highest level is 5. When the system is switched on, the support level starts in level 1.



Your bike is equipped with 5 speed modes to ensure you get the most out of your riding experience.

MODE 1 A gentle power assist mode that allows a natural feeling pedal control. Great for long rides that gives a natural bike experience.

MODE 2 A gentle power assist mode that ramps up power slightly more than mode 1 that still allows for a natural ride feeling. This mode can handle small hills and longer rides without ever breaking a sweat.

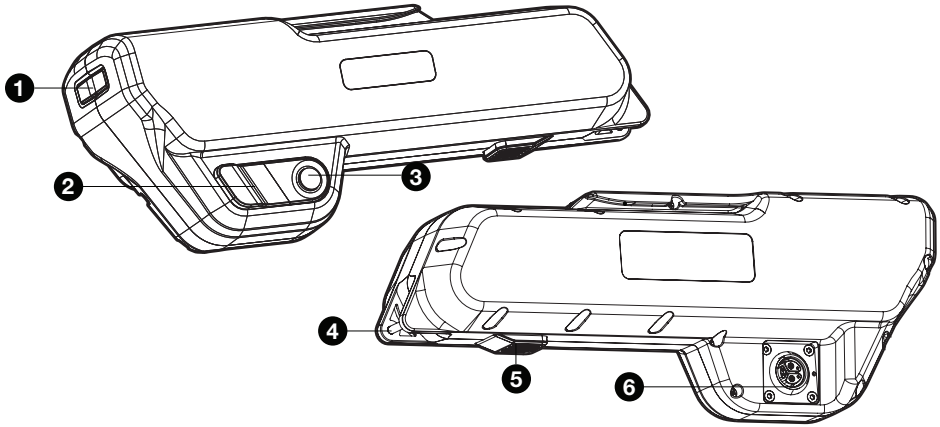
MODE 3 A medium power assist mode that is smooth yet discreetly powerful allowing medium hill climbing capabilities of up to 10% gradient.

MODE 4 A high power assist mode that ramps up power pretty quickly allowing fast take off and larger hill climbing capabilities of up to 15% gradient.

MODE 5 An aggressive power assist mode that boost to full power quickly, allowing the rider to conquer steep hills of up to 20% gradient.

Your Project BMX has fixed earing. Use the Speed Modes as you would gears on a bike. Cycle back down from Mode 4 or 5 according to the riding situation. For example, select Mode 4 or 5 for an approaching hill, then cycle back down to Mode 4 or 3 once you have reached the top of the hill.

BATTERY

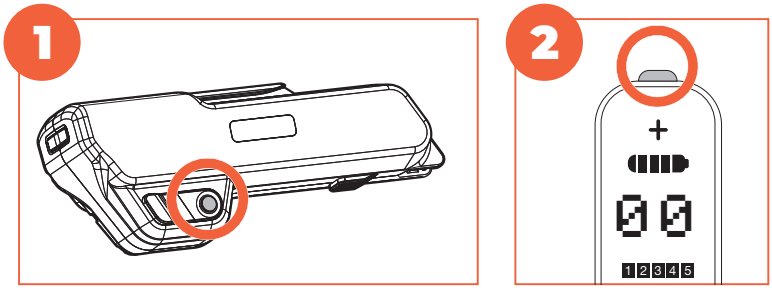


1. Rear Tail Light
2. Charge Port
3. Power button
4. Lock Bar
5. Push Button Lock
6. Connection to drive system.

TURNING THE BIKE ON/OFF

To turn the bike **ON**, press the **ON/OFF** button on the side of the battery pack (1). Then turn the display **ON** (2), hold down for 3 seconds.

To turn the bike **OFF.** Turn off display by holding button (2) for 3 seconds, then press **ON/OFF** button the side of the battery pack (1).



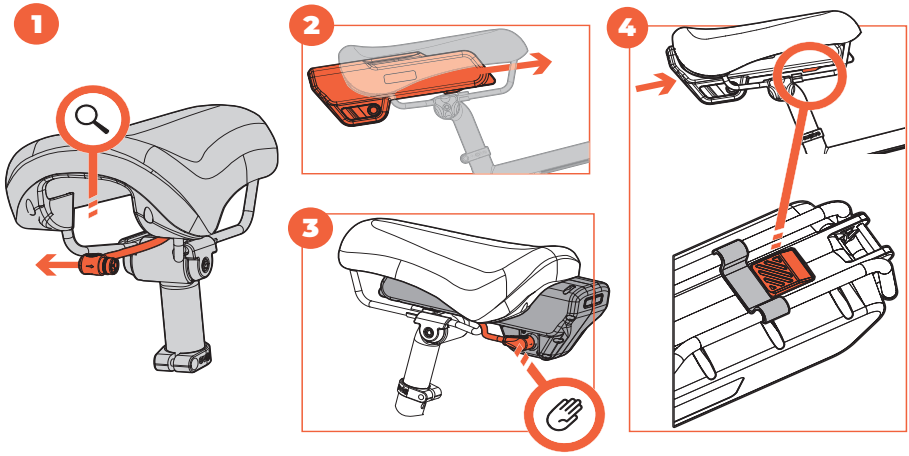
INSTALL BATTERY

WARNING

EXERCISE CAUTION WHEN INSTALLING THE BATTERY, AS THERE IS A POTENTIAL PINCH POINT BETWEEN THE UNDERSIDE OF THE SADDLE, SADDLE RAILS AND BATTERY.

To install your battery into the Saddle, ensure the battery is turned off.

1. Ensure the battery is off and check there is no obstacle inside the Saddle. Shift the Drive System Cable to the side.
2. Push the battery into 3/4 of the way into the Saddle and hold in place.
3. Plug the Drive System cable into the Battery.
4. Continue to push the battery home. Ensure the Battery is assembled properly with the Lock Button engaged with the Cross Bar of the Saddle.

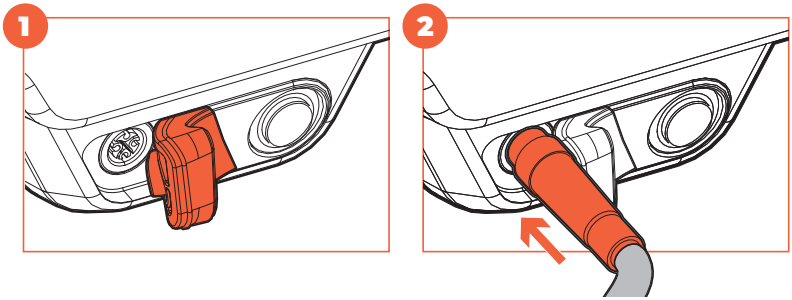


BATTERY CHARGING

ALWAYS charge your battery before use to maintain the best battery health.

There is a charging port on the battery. To access, flex the cover to the side (1) and Insert the Charger Cable (2). You can remove the battery from the saddle and charge in another location or charge it when assembled to the saddle.

Make sure you charge battery in a well ventilated location.



Connect power to the charger by inserting the charger plug into an outlet.

The charger will show:

- **GREEN LIGHT = FULLY CHARGED/NOT CONNECTED TO BATTERY**
- **RED LIGHT = CHARGING**

Once the battery is fully charged the light on the charger will turn green. Remove the charger plug from the battery, replace the cover into its home location remove the plug from the outlet.

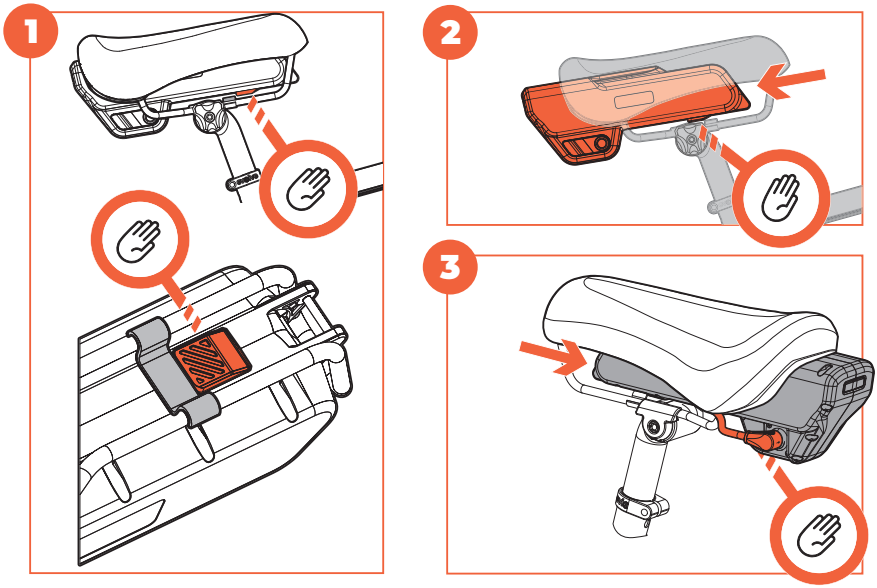
REMOVE BATTERY

WARNING

EXERCISE CAUTION WHEN REMOVING THE BATTERY, AS THERE IS A POTENTIAL PINCH POINT BETWEEN THE UNDERSIDE OF THE SADDLE, SADDLE RAILS AND BATTERY.

To remove your battery from the Saddle dock, ensure the battery is turned off.

1. On the underside of the battery, press the Push Button Lock in.
2. While holding the lock button in, push the battery towards the rear of the Saddle 3/4 of the way.
3. Remove the Drive System Cable and ensure it is out of the way before completely pushing the battery out of the saddle.



WALK ASSIST

The Walk Assistance function propels the bike forward at slow speeds when you are walking alongside it. This mode is ideal when walking your bike up hills.

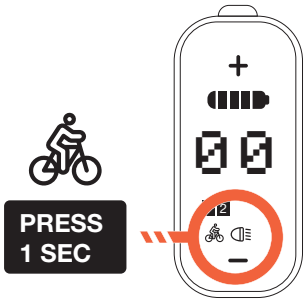
To activate Walk Assist,

Ensure you have your hands on your handlebars and the bike is motionless.

Briefly press **Minus (-)** button until the Walk Assistance Indicator is displayed.

Hold down the **Minus (-)** button while walking alongside the bike. The Walk Assistance Indicator will flash.

To turn off, release the button or the function will automatically turn off. If no further operations occur within 5s the bike will automatically return to 0 level.



TAIL LIGHT

Your battery pack is equipped with a rear tail light for safety measures.

To activate the tail light;

Hold the **Plus (+)** button for 2 seconds. The light icon will appear on the Display when activated.

Press and hold to cycle through Light modes.

ON STEADY > FLASH SLOW > FLASH FAST > OFF

Hold the **Plus (+)** button for 2 seconds again to turn off the tail light.

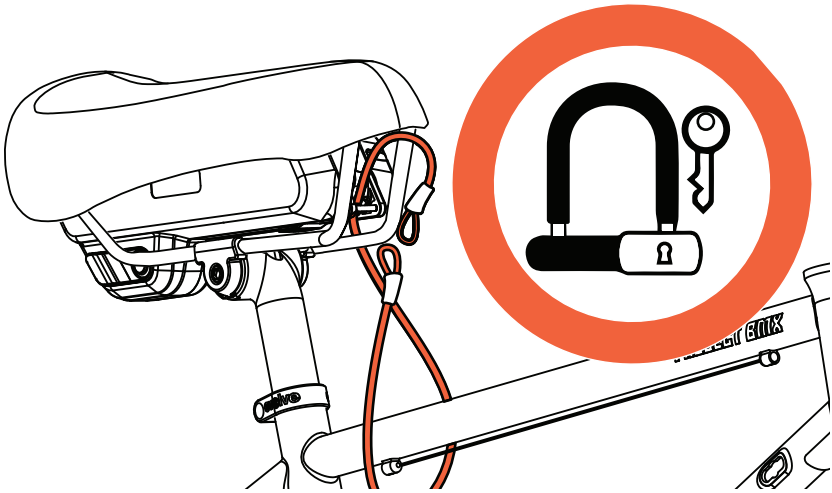
BATTERY CAPACITY

The battery capacity is indicated with 5 levels. When the lowest level indicator flashes that means battery needs to charge.

	INDICATION	CHARGE
	5 bars	80%-100%
	4 bars	60%-80%
	3 bars	40%-60%
	2 bars	20%-40%
	1 bar	5%-20%
	1 flashing	<5%

LOCKING YOUR BIKE/BATTERY

Ensure the security of your bikes battery with the integrated lock bar. Safeguard your battery by utilizing a 10mm diameter braided steel cable to easily secure it to the frame. It is recommended a cable lock is used in conjunction with additional U lock and cable to ensure full security of your bike and battery.



TROUBLESHOOTING

This manual is not intended as a comprehensive use, service, repair or maintenance manual. For detailed information regarding tips, maintenance and troubleshooting, please visit **RIDEEVOLVE.COM**. Here you will find links to your local distributor for detailed information.

Please contact your local distributor for **ALL** maintenance and troubleshooting questions. You may also find many video tutorials on your distributor's website.

PROBLEM	CHECK	ACTION
Low Speed while riding.	1. Battery Charge 2. Tire Pressure 3. Flat Tire 4. Excessive load	1. Charge Battery 2. Inflate tire to correct pressure 3. Replace tube 4. Do not overload bicycle
Drive System not working, display not turning on.	1. Check all Connectors	1. Ensure all plugs are connected correctly (Display, Battery, Speed Sensor) 2. Contact rideevolve.com
Battery power ON, Drive System doesn't work	1. Check all Connectors	1. Check wiring and connections 2. Check magnet on rear wheel is aligned to sensor on rear fork 3. Contact rideevolve.com
Reduced battery performance	1. Is the battery fully charged?	1. If the battery is not fully charged recharge battery to full.
Charger not fully charging battery	1. Does the red charger light stay on while charging?	1. If charger's red light is not on while charging the charger may need replaced. 2. Contact rideevolve.com
Low battery power	1. Does the Charger work correctly	1. Ensure battery is charging correctly. 2. Contact rideevolve.com
Brakes loose, no stopping power	1. Check brake cable tension or worn brake pads	1. Contact rideevolve.com or take bike to a bike service provider.

ERROR CODES

The display can provide warning for failures. The codes will appear when an error is detected.

⚠ NOTICE

Note: please read carefully the description of the error code. When the error code appears, please first restart the system and check all connectors. If the problem is not eliminated or error code appear that is not listed here, please contact rideevolve.com

ERROR	ERROR DESCRIPTION	ACTION
04	Throttle Fault	1. Check the connector and cable of the throttle are not damaged and correctly connected. 2. Disconnect and reconnect the throttle, if still no function please change the throttle.
05	The throttle is not back in its correct position.	Check the connector from the throttle is correctly connected. If this does not solve the problem, please change the throttle.
07	Overvoltage protection	1. Remove and re-Insert the battery to see if it resolves the problem. 2. If the problem still occurs, contact rideevolve.com
08	Error with the hall sensor signal inside the motor	1. Check all connectors from the motor are correctly connected. 2. If the problem still occurs, contact rideevolve.com
10,14,15	Protection temperature has been reached	1. Turn off the system and allow the drive system to cool down. 2. If the problem still occurs, contact rideevolve.com
21	Speed Sensor Error	1. Restart the system 2. Check that the magnet attached to the spoke is aligned with the speed sensor and that the distance is between 10 mm and 20 mm. 3. Check that the speed sensor connector is connected correctly. 4. If the problem still occurs, contact rideevolve.com

INSPECTION & MAINTENANCE

This section is intended to be a general guide for inspecting your bicycle. Detailed instructions for maintenance and repair will be found in the "Assembly and Adjustment" section of this manual.

GENERAL

Nuts and bolts should be re-tightened every 1- 2 weeks. Check frequently for damaged parts, fork alignment, and positioning of all components.

BRAKES

Regularly Inspect brake pads for wear, replacing when necessary. Wipe off any oil or dirt that accumulates on rims.

CONTROL CABLES

Cables stretch with use. Inspect them regularly, taking up slack and replacing when worn or damaged. Never allow cables to kink.

FORKS

Bent or damaged forks should be replaced. Never attempt to repair by straightening.

HEAD SET

Keep locknut tight, making sure there is no play in the bearings. The fork should turn freely.

FRONT WHEEL

Wheel should be centered in front fork with axle nuts tight. Keep spokes tight and rim true. The hub is sealed from dirt and moisture, however, it should be inspected periodically, especially after riding in water. Remove the front wheel and tum the axle with your hands. It should move freely, with very little friction or play.

CRANK AND PEDALS

Replace bent cranks and chain-rings. Do not attempt to straighten. Pedals will require greasing occasionally, especially after riding in water. After the first 50 miles, tighten crank bolts, and check chain-ring bolts and pedal spindles.

REAR WHEEL

Wheel should be centered in frame with axle nuts/quick releases tight. Keep spokes and rims true. This sealed-bearing hub can be inspected by removing the wheel and turning the axle with your hands. It should move freely, with very little friction or play.

HANDLEBAR

Adjust for comfort. Tighten bolts securely. Replace worn grips, making sure they do not slip on handlebars.

CHAIN

Check frequently for damage or stretch, replacing when necessary. Lubricate often, taking care to oil each link.

SADDLE ADJUSTMENT

Adjust height and angle for comfort. Do not raise seat past the MINIMUM INSERTION mark. Tighten the quick-release seat bolt until the seat cannot be rotated in the frame.

TIRES

Keep tires inflated to the pressure indicated on tire wall. A foot or frame pump should be used. (DO NOT use unregulated pressure pumps.) Make sure tires are properly seated on rims and check tire-beads.

REFLECTORS

Reflectors should be mounted on the front fork, rear of seat, pedals and spokes. Damaged units should be promptly replaced.

FRAME

Check for cracks in paint around tube junctions periodically. They may indicate a bent or cracked frame. Immediately replace a bent or broken frame. Frame damage causes excess strain on other bicycle parts and is very dangerous.

CLEANING

ALWAYS remove the battery when cleaning. Use soapy water or water mixed with a gentle detergent, and then rinse with clean water. Make sure all electrical components are wipe clean and dry from any water or moisture.

DO NOT USE HIGH PRESSURE WASHER OR SPRAY WATER UNDER HIGH PRESSURE TO CLEAN BIKE. PRESSURE WASHING CAN FORCE CONTAMINANTS INTO PARTS WHICH CAN LEAD TO CORROSION, DAMAGE OR ACCELERATED WEAR.

⚠ NOTICE

Replacement batteries and chargers are available and can be purchased separately. Please call our Customer Service Department.

LUBRICATION

Your bicycle has many moving parts that are constantly exposed to the elements. Cleaning and lubricating these parts will keep them running smoother and longer. The following parts will need regular lubrication.

- Chain
- Brake control cables
- Brake arch pivot
- Freewheel

Visually inspect the chain and all mechanical parts daily and lubricate as necessary. Using standard chain lube periodically will keep your chain clean, quite and functioning properly. Wipe away excess lube, grease and oil to prevent dirt build up.

BRAKE WEAR AND CARE

Brakes are an integral part of the operation of your bike and must be properly maintained, adjusted and replaced if necessary.

WARNING **If any of the below is not within your skill set we recommend taking your bike to an E-bike specialist or professional cycle mechanic.**

Ensure the alignment of the brake pads with the disc and confirm that the wheel is firmly pushed back. Proper alignment guarantees quiet operation and normal pad wear. To extend the lifespan of brake components, prevent contamination of pads and discs with greasy substances.

Regularly check the condition of your cables and the wear of your pads.

For enhanced ergonomics and safety, adjust brake levers to align naturally with the user's arms.

STORING YOUR BIKE AND BATTERY

Always store your Project BMX and battery indoors in a dry space, away from heat, hot surfaces or flame sources and out of direct sunlight. Avoid magnetic objects and ensure the room is ventilated.

- Hot or cold temperatures can permanently affect or damage your battery.
  - Do not leave your board in a hot car, a hot environment or exposed to other factors that may expose your board to high heat.
  - Do not leave your board outside or an environment where freezing temperatures may occur.
- If you will not be using your battery for a prolonged period of 1 MONTH OR MORE, it is recommended to store your battery BETWEEN 20 AND 80% charge. Storage temperature should be kept in the following ranges. **1 MONTH: -20°C~60°C 3 MONTHS: -20°C~45°C 1YEAR: -20°C~23°C**
- Your battery should be recharged if not used for 3months or more.

BATTERY CARE

⚠ WARNING

Fire and Explosion hazards. Only use original Evolve battery packs. Never use any other battery pack with your bike.

To prevent death, serious injury or property damage:

- **Do not leave your battery unattended while charging.**
- **If the battery has any issue when charging, stop charging and contact Evolve immediately.**
- **Battery leakage may occur under extreme usage or temperature conditions. Avoid contact with skin and eyes. Battery liquid is caustic and could cause chemical burns. If battery liquid comes in contact with skin, wash quickly with soap and water. If the liquid contacts your eyes, immediately flush eyes with water for a minimum of 15 minutes and seek medical attention.**
- **The battery pack may give off vapours if it becomes damaged or is used incorrectly. Ensure the area is well ventilated and seek medical attention should you experience any adverse effects. The vapours may irritate the respiratory system.**
- **Do not submerge the battery pack in liquid of any kind.**
- **Do not touch the terminals on your battery pack. If the battery pack is not installed in your bike, keep it away from paper clips, coins, keys, nails, screws or other small metal objects that could make a connection from one terminal to another. A short circuit between the battery terminals may cause burns or a fire.**
- **Battery charging times may increase with battery age and usage.**
- **Only grab the charger by the plug and not the cable when plugging and unplugging from the wall.**
- **Do not puncture or crush the battery pack. Battery packs must not be subjected to mechanical shock. If battery is dropped or struck with another object, the battery may be damaged.**
- **Do not use the battery pack if it shows visible damage.**
- **Protect the battery pack against heat e.g., temperature >60° Celsius (140 °F), fire and immersing into water.**
- **Always remove the battery pack before beginning work (e.g. repair, maintenance, etc.).**
- **Do not open the battery pack. There is a risk of short circuiting. Opening the battery pack voids any and all warranty claims.**
- **Do not place the charger or the battery near flammable materials. Ensure the battery is completely dry and placed on a fireproof surface before charging.**
- **Keep the battery pack away from children.**

CHARGING SAFETY

⚠ WARNING

- **Do not leave your battery unattended while charging.**
- **Always allow bike to cool for 30 minutes before charging. Do not connect your bike to the charger until the battery pack has had a chance to cool to an allowable charging temperature.**
- **ONLY CHARGE THE BATTERY INDOORS IN DRY SPACES THAT ARE NOT EXCESSIVELY HOT OR COLD (0 TO 45°C AMBIENT).**
- **Ensure there is no dirt, debris or flammable items nearby when using the charger.**
- **The charger will automatically stop charging once the battery reaches its full capacity.**
- **The light on the charger will be red when the battery is charging and will turn green when charging has finished.**
- **Avoid leaving the charger plugged into the bike when the battery is fully charged.**
- **Do not charge the battery if you notice the battery is damaged, excessively hot, leaking, smells, or is discoloured.**
- **Charging the battery should take approximately 3.5 - 4 hours if the battery is mostly empty.**
- **Store your bike indoors in a dry space, away from heat or flame sources and out of direct sunlight.**
- **The charger may get hot, up to 74°Celsius (>165°F) when charging. Use caution and avoid touching the body of the charger.**
- **Only charge your bike with its dedicated charger. Other types of batteries may burst causing personal injury and damage. The battery pack voltage must match the battery pack charging voltage of the charger. Otherwise, there is risk of fire and explosion.**
- **Do not expose the charger to rain or wet conditions. If water enters a charger, there is a risk of electric shock.**
- **Only use the original Project BMX battery charger supplied with your bike. Bypassing the battery charger or the use of a non-approved battery charger can lead to death or serious injury.**
- **Keep battery charger clean. Contamination can lead to the risk of an electric shock. Clean only when charger is unplugged with the use of a damp cloth (water).**

ENJOY YOUR RIDE!

WARRANTY

THIS BIKE IS COVERED BY A 12 MONTH MANUFACTURERS WARRANTY (TIME PERIOD MAY BE DIFFERENT IN OTHER COUNTRIES. PLEASE CONSULT THE WEBSITE OR SELLER YOU PURCHASED FROM) THAT COVERS DEFECTS IN WORKMANSHIP AND MATERIAL. THIS DOES NOT COVER MISUSE, PERISHABLE ITEMS (SUCH AS TYRES, TUBES, GRIPS BRAKE PADS AND DISCS, CHAIN), NEGLECT, ABUSE, ACCIDENT OR RIDING IN WATER AND SHIPPING DAMAGE.

FOR WARRANTY CLAIMS AND DETAILS, PLEASE VISIT YOUR LOCAL DISTRIBUTOR WEBSITE FOR INSTRUCTIONS. PLEASE KEEP YOUR SHIPPING BOX IN CASE THE BIKE EVER NEEDS TO BE RETURNED.

FCC

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.

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

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.

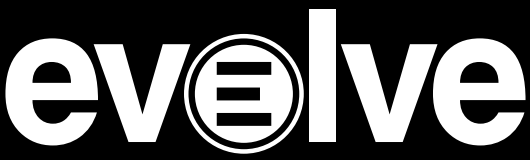
This equipment complies with radio frequency exposure limits set forth by the FCC for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 5mm between the device and the user or bystanders.

This device must not be co-located or operating in conjunction with any other antenna or transmitter.

CALIFORNIA PROPOSITION 65

WARNING: THIS PRODUCT CAN EXPOSE YOU TO CHEMICALS INCLUDING CHROMIUM, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. FOR MORE INFORMATION GO TO WWW.P65WARNINGS.CA.GOV.


evolve