ALL BIKES REQUIRE REGULAR MAINTENANCE to ensure safety and performance. Electric bikes require more care since they’re ridden further and faster than conventional bikes.

This schedule is recommended to ensure that your Liberty Trike remains safe and reliable. If you’re uncomfortable performing any maintenance on your trike, then you should visit a bike shop for assistance or call us at 1-866-894-4620 and we will find a bike shop near you that can help.

PRIOR TO EACH RIDE

- Check the spokes, it should be tight and the wheels should not have side-to-side play.
- Check the frame dropouts and the connection to the torque arm, it should be tight and secure.
- Inflate the tires to the correct PSI recommended. Under inflated tires can cause serious damage, especially if you bottom-out on the rim, by a pothole or a curb. Don’t add more air than what the tire recommends. There’s a potential that you can blow the tube and have a flat tire.
- Check cables, wires, and brakes that they are working correctly. Working brakes are crucial, and the brake cables are an important part of this. Lift the wheel off the ground and run the throttle. Then squeeze the e-brake lever, to make sure it cuts the power like it should.
- Double check the battery to make sure it’s fully charged, secured and that the connections are tight.

AFTER EACH RIDE

- Turn the Liberty Trike off by pressing and holding the "i" button.
- Check your tires, frame and wheels for any damages.
- Charge your battery, in order to keep it healthy.
- Clean your Liberty Trike and don’t let the parts get dirty or greasy.
EVERY WEEK

- Oil your chain by using high quality bicycle chain oil. We suggest a "dry" wax-based lube for cleanliness in dry conditions or heavy chain oil for wet conditions.
- The brake rotors, pads, and cables should be checked for wear or damage.

EVERY THREE MONTHS

- Inspect your frame and fork for paint cracks, blisters, or bulges that might indicate damage.
- Check your components such as the seatpost, seat, stem, handlebars, cranks and brakes, that nothing is bent or loose.
- Check the wiring, that the connectors are rust-free and don't exhibit corrosion or burning.
- Check the bolts to make sure nothing has come loose due to vibration.

  Here's a listing of bolts to check:

- Rear Basket
- E-Brake Lever
- Brake Cable Anchors
- Disc Rotor
- Disc Caliper
- Motor Axle Nuts
- Motor Torque Arm Screw
- Rear Axle Nuts
- Throttle Clamp
- Seatpost Clamp
- Handlebar Clamp

EVERY SIX MONTHS

- Inspect the bearings in your headset, rear axle, pedals, and bottom bracket. These bearings need to be periodically adjusted, lubricated and replaced.

Be sure that these items are addressed immediately. Do not ride your bike with loose, or damaged components or fasteners!

TAKE CARE OF YOUR **LIBERTY TRIKE** AND IT WILL TAKE CARE OF YOU!