



# Quick Start Guide



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## **STOP: Please Read**

Before anyone (yourself included) rides your GreenSpeed they should be familiar with safe operational procedures and all aspects of the trike's functions and must read and understand this Quick Start Guide completely.



## Congratulations!

You are now the proud owner of a GreenSpeed!

Welcome to our growing family! Every one of our models is designed and built to maximize comfort without sacrificing performance. This guide will help you prepare your trike for your first ride and help you keep it in tip-top shape for all of the miles to come. For more specific or complex maintenance/adjustment on your trike please contact your local dealer.

## Safety Notes and Cautions

- The first step in having a safe and enjoyable ride is using common sense. Make sure your trike is operating safely and ride as if you are invisible to other traffic. Always use caution.
- Remember your helmet and wear it on every ride!
- Inspect your trike before each ride by checking tires for proper inflation and any damage; brakes for functionality; and anything that may have worked its way loose.
- Keep your feet securely on the pedals while riding. There are many pedal and shoe options through which your dealer can guide you.
- Making yourself noticed is key to riding safely.
- Front and rear lights are always recommended but absolutely necessary in low light conditions.
- Safety flags stick up above rider height and can grab the attention of motorists. The use of safety flags and flag extensions is highly recommended because they make you more visible.
- Avoid being hidden by traffic when riding.
- When riding on public roadways, you are a vehicle and are subject to local traffic laws. Know them. Obey them.
- Look for traffic when turning or changing lanes. A rear view mirror is also highly recommended.
- Use caution when cornering. Learn to use safe speeds for negotiating corners and going down hills. Your trike can be “rolled” if turned too sharply for a given speed. The laws of physics do apply.

## Safety Notes and Cautions (continued)

- The disk brake rotors can be extremely sharp and will get very hot after braking. Use caution around them!
- Your GreenSpeed is designed with front brakes only. Brake evenly with both hands to avoid brake-steer. Avoid sudden, hard braking unless necessary. It is possible to lift the rear wheel and tip the trike forward when braking hard.
- Do not ride your trike off of the pavement unless it is properly equipped. Unpaved but well-maintained bike paths such as crushed limestone are okay. Even when your trike is so equipped with more aggressive tires and proper gearing, keep in mind the limitations of the trike when riding "off road." The trike is a rear wheel drive vehicle and can bog down in sandy or loose soil conditions and it is wider than a bicycle so it will probably not be able to go everywhere a mountain bike can go.
- GreenSpeed trikes are strong enough for most riding conditions, but that is not a license to ride in a hazardous or abusive manner (which will void the warranty)! Anyone can damage a GreenSpeed if they try hard enough.

## Adjusting Your Trike

**Tire Inflation:** Ensure tires are inflated to a safe riding pressure. It is very important that both front tires have the same pressure for balanced steering and good handling. The recommended pressure on the sidewall is based on an upright bicycle and may feel too firm in some riding conditions. Experiment with less than the recommended pressure for a softer ride. DO NOT ride at pressures below 20-25psi as there is risk of the tire coming off the rim.

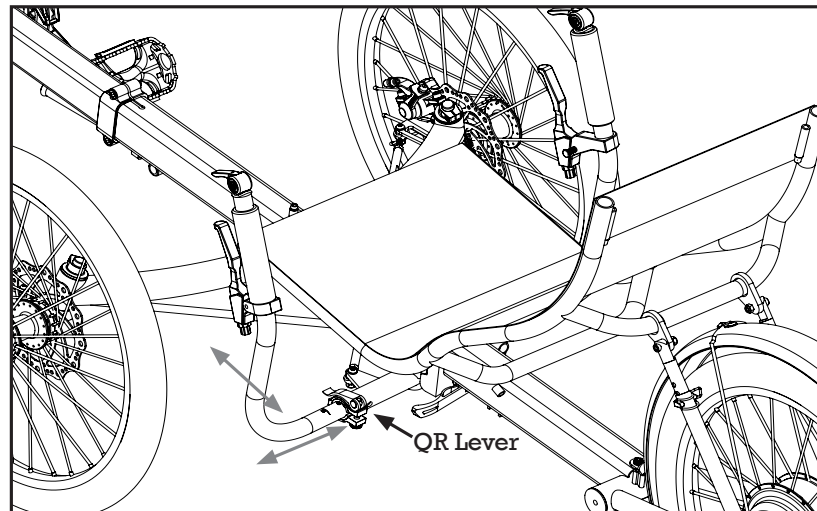
## Seat Adjustment

**Seat Height:** Locate the seat quick release lever or mounting bolt and loosen to set the desired mounting position. Make sure the quick release lever is re-tightened enough to keep the seat frame from rocking. If you are not familiar with how a quick release lever operates, consult your local bike shop or give us a call.

**Seat Angle:** Loosen the seat stay clamp levers or bolts and slide the telescoping stays to the desired angle. Re-tighten the fasteners. For models equipped with seat stay pins, simply remove the pins, adjust the seat angle, and reinstall pins.

## Handlebar Adjustment

Handlebar width and angle are independently adjustable. Simply open the quick release levers and set each handlebar to the desired position. Be conscious of clearance between the front wheels and seat frame. Ensure steering range is not impeded. Note: Position of shift cables/housing may need to be adjusted after handlebar position is set.



## Boom Adjustment

Note: If you decide to adjust the boom, the chain will also need to be lengthened or shortened two inches for every inch the boom is moved. For this reason we recommend taking it to your local GreenSpeed dealer or bike shop to make sure it's done correctly.

Loosen the boom clamp bolts. Slide the boom to the desired length and re-tighten the bolts to 12-13Nm. Adjust the chain length appropriately.

## How to Ride

### Entering and Exiting the Trike

Before sitting down on the trike, make sure that it cannot roll away from you by using the locking brake levers. Straddle the boom and begin lowering yourself into the seat while supporting yourself using the tires, optional Grab Handles or the sides of the seat frame. Do not put weight on the handlebars as they are not load bearing members of the trike and can be damaged by doing so. When exiting the trike, lock the brake lever(s) and use the tires, optional Grab Handles, boom stub tube, or seat frame to provide assistance when standing up from the seated position.

### Turning

Lean your body into the center of your turns or you risk lifting the inside tire and possibly rolling your trike. The faster you are riding, the more critical this becomes. This leaning counteracts the lifting force (caused by fun things like your center of gravity, instantaneous velocity and centrifugal force) and encourages the inside tire to stay on the ground. Since trikes cannot lean like regular bikes, you have to counter these forces with your body movement.

### Braking

To stop, squeeze both brake levers smoothly and with equal pressure. Each brake lever activates a corresponding brake on the front wheels. You will experience “brake steer” (pulling) if you brake only one side or if you use unequal pressure on the brake levers. It is possible to tip the trike forward by trying to stop too fast.

### Parking

Our trikes are supplied with locking brake levers. The spring-loaded pin on the brake levers is the locking pin. To engage the locks, simply squeeze the brake levers, press the locking pin and, while holding the pin, release the lever. To disengage, simply squeeze the lever.

### Shifting

Shifting allows you to maintain a comfortable pedaling cadence while riding over varied terrain. Depending on your trike you will have twist, trigger or thumb shifters to adjust the gearing to what feels like a comfortable and maintainable pedal speed rather than worrying about what gear you are in. Internally geared hubs can be shifted while stopped or during a pause in pedaling. These hubs will not shift well while pedaling. Externally geared hubs (trikes with multiple cogs on the rear wheel) can only be shifted while pedaling. Anticipate your shifts so as to not get caught at a stop or on an incline in too high of a gear. Attempting to shift under substantial load can cause damage and premature wear to the drivetrain.



## Maintenance of Your GreenSpeed

### **Wear Items**

Items such as steering bearings, brake pads, tires, hinges, drivetrain, etc. are all parts on your GreenSpeed that will slowly wear out over time. It is important to keep an eye on these parts from a safety and functionality standpoint. If an issue creeps up over time it may be a sign that one of these items is ready to be adjusted or replaced. Some drivetrain noise is normal; loud, grinding noises are not and can indicate the need for service, adjustment, and/or part replacement. Contact your local GreenSpeed dealer or bike shop for proper service.

### **Lubrication**

Your chain and cables need regular lubrication with a good quality bike lube to reduce wear and maintain proper operation. Keep these parts clean and lubricated.

### **Brakes/Shifters**

Brake cables and shift cables will stretch during the initial break-in period of your GreenSpeed. To compensate for this, you can make minor adjustments by turning the barrel adjusters near the ends of the cable housing. Make small adjustments, rechecking the functionality with each rotation so you do not overcompensate for the cable stretch. We strongly recommend taking your trike to your local GreenSpeed dealer or bike shop to make sure these adjustments are done correctly.

### **Cleaning**

Wash your GreenSpeed with soap and water occasionally, but especially after riding in inclement weather. It's important to dry and lubricate it right after cleaning. Wash the seat mesh along with the trike and let it air dry if needed. Road salt is very hard on all trike components, including the frame. Clean it off immediately! Likewise, salty air can corrode your GreenSpeed over time. It's a good idea to wax the frame (only glossy finished areas) occasionally with a good quality car wax.

### **Regular Tune-up**

We recommend taking your GreenSpeed into a dealer or quality bike shop at the beginning of each riding season to make sure it is in good working order. They will most likely charge you a nominal fee for a tune-up, but it is worth it because often times they can see small problems before they become big problems.

- For more info on these tips and your GreenSpeed in general, go to:  
[www.greenspeed-trikes.com](http://www.greenspeed-trikes.com)

### **And Finally...**

Complete warranty available at [www.greenspeed-trikes.com](http://www.greenspeed-trikes.com) under the resources tab. Additional terms, conditions, waivers, cautions, FAQs, testimonials and safety notes can also be found on the GreenSpeed website. Have each rider review them before riding. GreenSpeed and our dealers want you to be safe and enjoy your trike for years to come.

If you have any questions or concerns regarding your GreenSpeed, please contact your authorized GreenSpeed dealer. We've been taking care of our customers for years and take pride in providing exceptional customer service. Thank you for supporting our company, our dealers and our families by choosing GreenSpeed.

  
***GreenSpeed***

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