

GO-KART ASSEMBLY

Congratulations on your purchase a Peirspeed! Your Peirspeed will offer you years of enjoyment if it is assembled properly and serviced per our instructions. Please refer to your owner's manual. **The manufacture requires the kart to be assembled by a certified motorcycle or small engine mechanic to ensure the warranty.** Please give this document to a professional. It is very important that the go-kart is assembled properly or the operation of your product may be compromised.

We expect the person who is reading this to be a professional motorcycle mechanic, so we won't go into the step by step details, just the highlights.

- 1.) Installing the shocks must be done before installing the wheels/tires. Be sure to check all bolts on the shocks and shock mounts to be sure they are tight.
- 2.) Be sure to put a cotter pin in the steering rod ball joints. You may need to over tighten the ball joints, and then back them off to insert the cotter pins.
- 3.) Install the front tires with valve stems facing out. Be sure the tread is pointing forward. (note the arrows on the tires)
- 4.) Install the rear tires with the valve stems facing in. This is very important because the tires will rub the arms.(note the arrows on the tires)
- 5.) Service the battery properly, and then install it with the rubber mat on the bottom. Battery should be trickle charged for 6 hours to ensure proper state of charge.
- 6.) Roll bar installation:
 - a. For the single seat karts, assemble the roll cage off of the cart, and then install the whole system on to the kart. You will need a buddy to help.
 - b. The double seat karts now have mirrors. Install the sides first, then the rear bar, then the front bar with the mirror.
- 7.) Fill the radiator with water and anti-freeze. 50/50 mixture is recommended.
- 8.) Check the engine oil level.
- 9.) Fill the fuel tank(s) and turn the fuel valve on and check for leaks. **We suggest removing the fuel valve and flushing the tank with carburetor cleaner or fuel before use. (Please use extreme caution when working with flammable material.)**
- 10.) Press the brake pedal and start the engine. Warm the engine up until the fan kicks on. Then let it cool off and check for leaks. Check the oil level and water level.
- 11.) Do not leave the e-brake on when the engine is off or the brake light will stay on and drain the battery.
- 12.) Check all bolts, brakes, and steering for the first hour. **It is very important that all fasteners are checked for tightness before operation kart.**

- 13.) Check all bolts before each ride. Change the oil every 100 hours of use.
- 14.) Check the lug nuts after 1 hour of use and after each ride or before each ride.
- 15.) Apply grease to all grease nipples. Inspect the chains for proper tension before and after each ride. Refer to the operation manual for chain adjustment procedure.
- 16.) Check all electrical connections for proper fit. Do not pull on the electrical harness. Adjust harness as need to ensure it is not being pulled or stretched.
- 17.) Check the brake pedal adjustment as need to ensure proper pedal free play. Check brake fluid for proper level.
- 18.) Fill out and send the warranty registration card. Warranty will not be provided without this information on file.