This is a basic, entry level go kart, for ages 8-12. A great Father and Son project. A lot the fun is in the building process.

**IDENTIFY AND ORGANIZE ALL THE PARTS**
The most important and often overlooked step in the process. This is where most mistakes occur.

Use the Checklist to organize as you unpack
- Identify, inventory and group the components according to their function and assembly step
- *Using a wrong size bolt or part on any step will cause a problem in a later step*
- Read the entire Assembly Guideline booklet before beginning assembly

**READ EACH STEP CAREFULLY**
You may need to read and re-read a particular step a few times before you get it right!
Left, right, top, bottom are relative.

**TIPS**

**WHEEL ASSEMBLY**
There is some common confusion over wheel assembly. Here it is in a nutshell...

- There are 4 wheels and 4 bearings. 2 bearings on each front wheel, no bearings on the rear wheels. The rear wheels bolt ridged to the axle. This a called a "live" axle.
- There are 8 wheel halves, with part numbers on the inside. all wheels must be assembled correctly. The front wheel halves have bearings. Each rear wheel has a half with a steel insert, and a half with a 3/4" hole.
- Each wheel will have a left and a right. All wheels have 3 holes drilled to fasten the 2 wheel halves together. The wheels also have 3 channels that can be drilled to install a brake etc. One of the rear wheel halves may have those 3 extra channels pre-drilled. if not, you must drill.

**SET SCREWS**

- Set screws are used to hold things in place like the axle, brake and sprocket
- While this is fine for moderate use, set screws can come loose during more vigorous operation
- Use thread locker like *Loctite to help prevent set screws from vibrating loose

Options:
1. Carefully mark the spot on the axle where a set screw makes contact and file a flat spot on the axle to seat the set screw
2. Better yet, carefully mark and drill a notch in the axle for the set screw
3. Best, after everything is installed and operating correctly, tack weld the axle in place. This will allow a little more aggressive driving of the go kart. Most muffler shops in your area and do this for you. Make sure there is no gasoline in the engine.