



GOKART KIT

BUILDING TIPS

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 nut shell...

- 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.