The Raptor Mod

**\*\*Please READ all instructions carefully!!\*\***

**Assembly and care instructions**

Fully modular exercise wheel made for sugar gliders!

This guide covers both the Raptor Mod , The Baby Raptor Mod, and The Stainless Steel Raptor Mod. All the parts (with the exception of the stand for the baby raptor) can be swapped between them.

Assembly of the Raptor Mod is extremely easy! You can assembly it in the cage if the door is too small to fit the whole assembly (this part is done for you if you bought a complete wheel). The bearing assembly needs to be attached to the back of the wheel head. You can use a ½” or 13mm or an adjustable wrench to tighten the bolt, make it tight. Note on the bearing assembly there are o-rings that are very important, they keep the bolt from backing out of the wheel head. There is nothing to do when you assemble it for the first time, but when you take the assembly off of the wheel head make sure the o-rings (black in color) stay on the bolt of the bearing assembly. You probably will have to push them back down the thread, that’s completely normal as it keeps they bolt from unthreading accidentally. Do not use any kind of lubricant on the o-rings. Once you have the bearing assembly attached to the wheel head you are ready to attach it you the mount. It needs to be threaded by hand only at the beginning, do not cross thread it.

**Follow to tighten the PVC fitting**

**Tighten the fitting down by hand as tight as you can, then using an adjustable wrench or pliers. Iit need to be turned ONLY ½ to ¾ of a full turn with the wrench. The PVC fittings use a pipe thread, it is tapered (starts small and gets bigger), so it is not necessary to tighten it all the way down. You should be able to feel it when it is tight enough , it starts to stick you will feel it skip (sorry i don't know a better way to describe it) - don't tighten it down much more after that.**

PVC stand owners

The pole that attaches the base of the stand to the wheel is not glued, though does have a small Phillips head screw that keeps it attached. You can remove the base and attach the pole to your own custom PVC cage frame or you can use a 1/2'” pipe thread connector to attach the wheel directly.

You can use zip ties (cable ties) to attach the stand to the cage. Make sure there is a small screw in the base of the stand, I put them in here, but double check it.

**YOU MUST TIGHTEN THE FITTING ON THE BACK OF THE WHEEL TO THE PVC STAND!!!! THIS VERY MPORTANT!** Please read the instructions for tightening of the PVC fitting in the section above.

Cagemount owners

The easiest way to get started would be to put the wheel inside the cage and screw the H mount on to the wheel. Then take an adjustable wrench or pliers to the bearing assembly to tighten it (instructions above). Locate the two small gold hooks at the top of the H mount. These hooks are set for cages with vertical bars. If you have a cage with horizontal bars, just turn the hooks a quarter turn so that they will fit over your bars. Place these hooks where you want to mount your wheel. The hooks will keep the wheel and H mount in position while you zip tie the four "legs" of the H mount to the cage.

**YOU MUST TIGHTEN THE FITTING ON THE BACK OF THE WHEEL TO THE CAGEMOUNT PLATE !!!! THIS VERY IMPORTANT!** Please read the instructions for tightening of the PVC fitting in the section above.

Washing advice

**Normal Cleaning**

Daily basis you can wipe it down with a damp wash cloth.

Weekly basis remove from cage and spray it down with a mixture of dish soap and water let it set for a few minutes and spray it multiple angles with a normal garden hose sprayer - can be done with a pressure washer as well but be careful - either way it has to have the mount on the wheel so water does not get into the bearings or you can remove them. Trimmers can stay attached while you clean it in this manner.

**Deep Cleaning**

Remove the wheel from the mount (stand or cagemount) Remove the bearing assembly from the wheel head (remember to watch for the o-rings!!) The wheel head may be soaked, once the bearing assembly is removed there is nothing that can be hurt by soaking.

A 1 to 10 bleach solution is ideal to soak in. The mounts may be washed in the same manner**. Do not** ever wash the bearing assembly, wipe it down. Trimmers cannot be left on for this cleaning.

**Caring for the bearing assembly:**

You should never get water in the bearing assembly, it will ruin the bearings. There is no maintenance necessary, the bearings are greased and sealed. I still recommend that it never gets wet!

Contact information:

Email: [mygliderwheel@yahoo.com](mailto:mygliderwheel@yahoo.com) (best way to contact me)

Text: 281-870-3201 (It's possible voice but I can't hear very well)

Remember please, practice good glider hygiene and wash your baby’s wheel first!!

**Thank you for your purchase!**