

***I hear a squeaking noise when the rollers are turning. What's that?***

**The shaft bearings (bushings) probably need some lubrication.** They are self-lubricating Oilite bushings, but the dirty water environment inside the tire washer will cause them to dry out after a while. Use a 3/32 hex driver to loosen the split clamps on the front side of the washer so you can clean off the shafts where the bushings are. Use Red N Tacky grease to lube the shafts and bushings and replace the split clamps.

***The sprayer is weak or not cleaning very well.***

**The spray head could be dirty.** If you unscrew the top of the spray head you will find a cone shaped plastic filter. Either could be clogged with dirt. I purchase these from Home Depot as they are common parts for lawn sprinkler systems. You can clean, or simply replace them. Make sure you get the 0-360 degree adjustable spray head, as there are several other types that have a fixed spray pattern and won't work as well.

***The sprayer stopped working and the relay and pump aren't working when I press the button.***

**Check the power source.** If you are using a Lipo battery to power the sprayer it should be a 3S Lipo if your tire washer has a relay. The early models without a relay would work OK with a 2S Lipo, but the relay models need the higher voltage of 3S Lipo to operate the relay.

**Charge or change the battery.** Even a small Lipo will run the sprayer for quite a while, but they do need to be charged eventually.

**Check the sprayer push button.** This was a common point of failure on the early model tire washers which didn't have a relay. You can bypass the button to check this. Follow the 2 small wires that run through the lid of the tire washer to the terminal strip. Use a piece of wire to short between these 2 positions on the terminal strip. If the pump runs the push button needs replacing. Pre wired push buttons are available elsewhere on this web site.

**The relay clicks, but the pump doesn't run.** Either the relay or pump has failed. If you have a volt meter you can check the voltage at the pump motor, but not everyone will be comfortable with this. Contact us for further assistance.