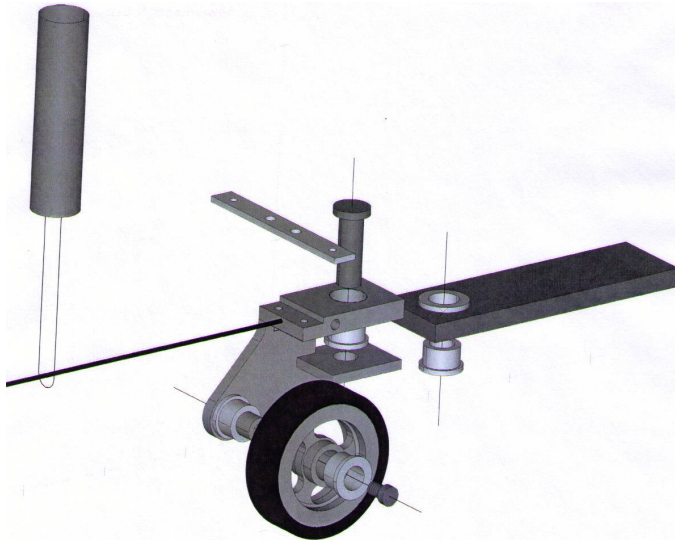


White Rose Engineering

239-254-0194

whiteroseeng.com



Your tail wheel has been manufactured from quality components and designed to last hundreds of hours under high vibration and adverse weather conditions. Hardware and attachment points have been provided for two steering methods. We highly recommend using locktite on all fasteners. We also recommend you steer the wheel with .062 music wire extending to a hoop in the back of the rudder. Be sure to

file a small retention groove in the wire where it is engaged by the 4-40 set screw. Mount the assembly so the 3/16 pivot shaft is directly under the rudder hinge line. This will result in the best ground handling and minimize forces on the servo gears and rudder linkage. Above is a graphic for making the plug and hoop to be glued into the back of the rudder to accept the music wire steering rod. Tighten the 3/16 pivot bolt until the spring, nylon thrust washers and the yoke are a snug but free turning fit. We put locktite on the wheel retaining screw and a little may seep into the axle bushing. If your wheel is stiff rotate it for a few minutes and it should free up.

The flange bushings are iglide by igus and internally lubricated. The fasteners can all be replaced with standard hobby shop 4-40 and 10-32 items if lost. We can supply individual components if needed. A titanium wire spring is also available, replacing the carbon fiber if you prefer. Below is a price list for replacement parts. If you have any questions or problems please call or visit our web site whiteroseeng.com

The axle bushings will need to be replaced periodically. If your plane attains 30 MPH on take off or landing the tail wheel is rotating at 6,300 RPM. Bushing and axle wear is inevitable. You can replace the bushings yourself or return the wheel to us for replacement.

Wheel / Tire	\$29.00	Accessory pack	\$5.00
Yoke	\$29.00	Bushings (each)	\$2.85
Large CF spring	\$26.00	Steering arm	\$7.00
Small CF spring	\$26.00		
Titanium spring	\$26.00		