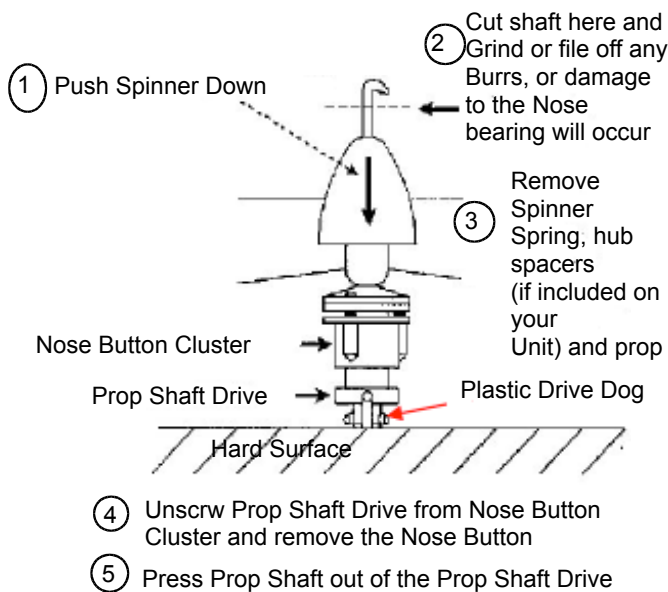


# CONVERTING THE GIZMO GEEZER TO HANDLE BIG MOTORS

An article published in the July-August 2011 issue of the Scale Staffel, George Mansfield, Editor

Orv Olm's Gizmo Geezer has legions of satisfied users. In stock form, it can handle up to 8 strands of 1/8 Super Sport with a breaking torque of 20 ounce-inches. One trick that many use to ease the rubber loading procedure is to hang a crocket hook on the rivet of the Gizmo's drive adapter. But don't be fooled into thinking that you can simply load up that crocket with bunches of rubber and go flying. The limiting factor will be the shear strength of the small plastic drive dogs on the bottom end of the prop shaft drive. Here's how to make a really stout Gizmo for up to 16 strands of 1/8" rubber:

**Step 1:** Start by debonding the CA in the drive shaft joints at the spinner and at the bottom end of the prop shaft drive. Then follow the instructions below:



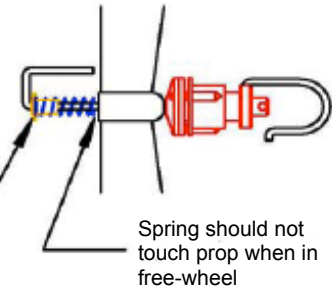
**Step 2:** Refer to pics below which show the new drive shaft, 'pop-rivet' adapter and new tension spring made from a steel guitar 'E' string. It will now handle 12-16 strands of 1/8" Super Sport Rubber, and handle up to 56 oz-in. of breaking torque.

SUGGESTED SHAPE OF .055" MUSIC WIRE PROP SHAFT



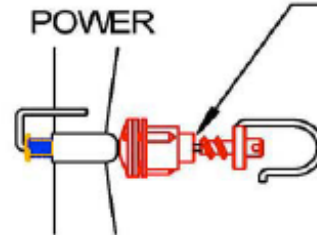
## FREE WHEEL

Use a #41 alum or steel Pop rivet for a shouldered washer. CA in place after gap has been established. Spring should be loose on rivet



Spring should not touch prop when in free-wheel

## POWER



This gap should be About 1/16"

Modified GizmoGeezer, mounting a 12' prop with an adjustable pitch hub

