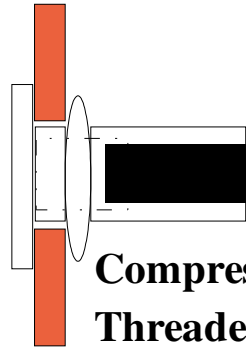


**New Threaded  
Pop-Rivet**



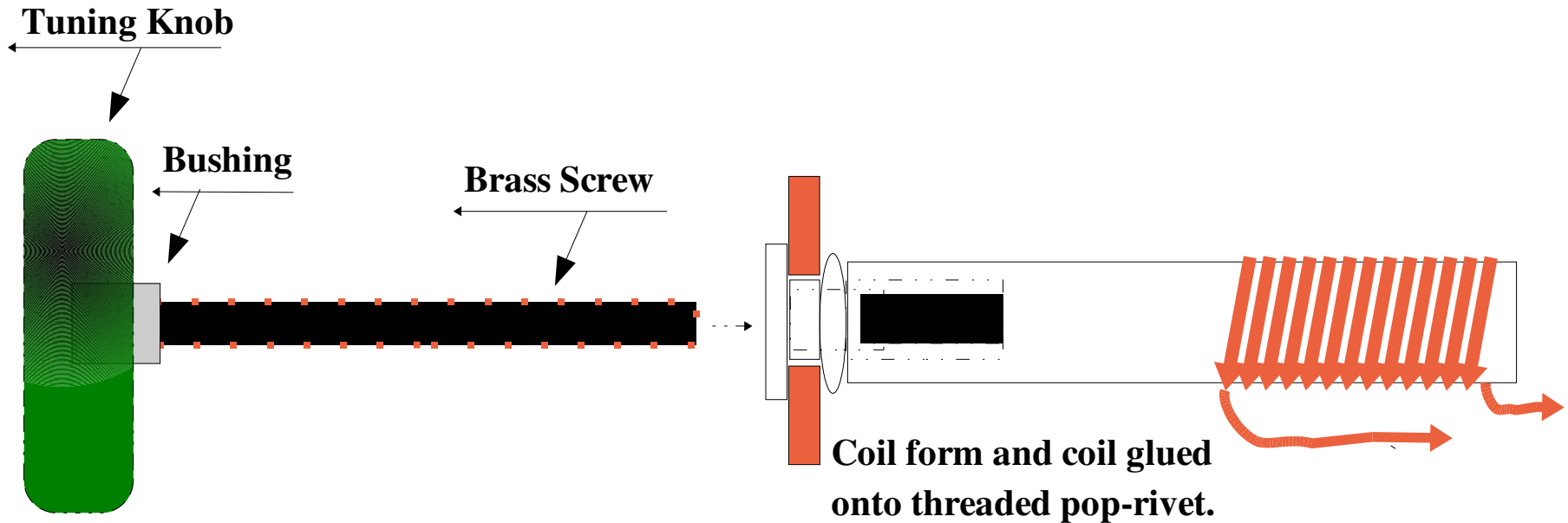
**Compressed  
Threaded  
Pop-Rivet in  
Panel**

## PARTS LIST

Threaded Pop-rievet, 1/4" OD X 8-32 ID  
PEX Basin Tube, 1/4" ID X 3/8" OD  
RTV Adhesive  
Threaded Brass Machine Screw, 8-32 X 2"  
Shaft Bushing, 1/4" OD X 3/16 ID X 1/2" L  
Knob (as desired)

### NOTE:

It is possible to expand the pop-rievet using a steel screw, but a pop-rievet tool makes it much easier and more reliable.



## PTO MECHANICAL DESIGN

(thanks to W6OTP for initial idea)