

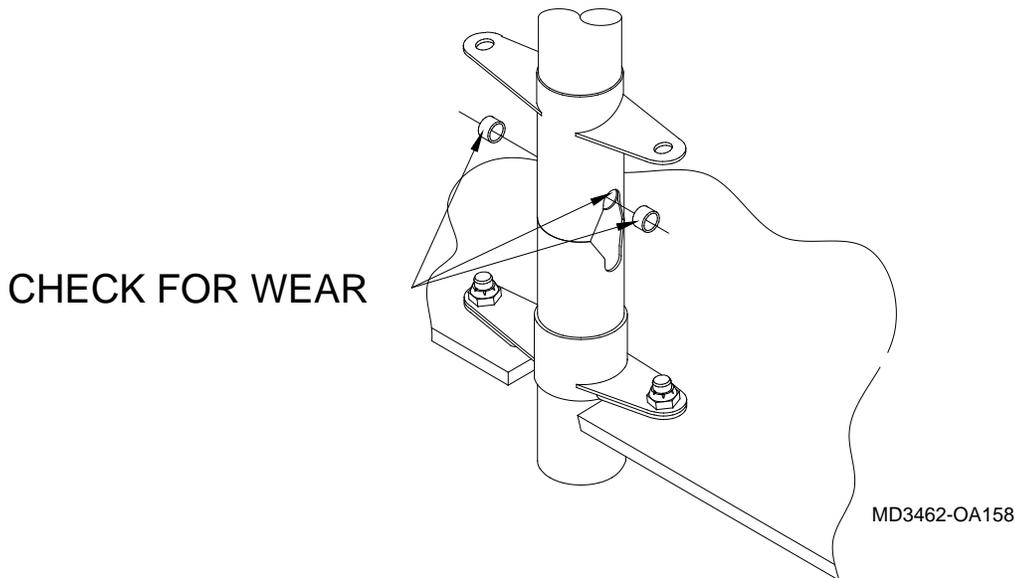
# RANS

4600 Highway 183 Alternate  
 Hays, KS 67601  
 (785) 625-6346  
 Fax (785) 625-2795  
 www.rans.com

**Operational Alert:** 158  
**Date:** August 20, 2003  
**Subject:** Nose Gear Disconnect & Shimmy Damper  
**Compliance:** Mandatory  
**Models Effected:** S-6 & S-16 Trike Configurations

Nose Gear shimmy may occur if Nose Gear Disconnect components become worn. Inspect the 3/8" Steel Roller Bushing for grooving at every oil change. See FIGURE 1. Check for play between Steer Cam and Roller Bushing. Replace affected parts if play or wear is detected.

**FIGURE 1**



Thank you for your attention to this matter. Hopefully we have not inconvenienced you to any great degree.

Fly safe.