



WISDOM INDUSTRIES, Ltd.

SAFETY ALERT

DATE: March 31, 2003
RIDE: Tornado/Whirlwind/Space Sled
SUBJECT: Check the torque of the main bearing attachment bolts.
COMPLIANCE: IMMEDIATE (TWO STAGES)



Stage 1

➤ **IMMEDIATELY, CHECK THE MAIN BEARING BOLTS FOR TIGHTNESS:**

1. Check all main bearing bolt torques.
 - a. 5/8 inch bolts torque to 150 foot pounds.
 - b. 1/2 inch bolts torque to 110 pounds.
2. Loose bolts must be removed, red 262 Locktite added to the threads, and torqued.

Stage 2

➤ **REPLACE THE MAIN BEARING BOLTS.**
➤ **BOLT SELECTION**

There have been two different bearings used on the Tornado. One bearing uses 5/8 inch bolts for both sides of the bearing attachment. The other bearing uses both 5/8 inch and 1/2 inch bolts. All bolts must be at least grade 8 or better.

1. Replace all bearing bolts with new grade 8 or better bolts and case hardened flat washer. Use red 262 Locktite for installation and torque to the above listed rating.
2. Remove old bolt.
3. Install new bolt with a grade 8 hardened flat washer.
4. Apply red 262 Locktite to the threads.
5. Torque the bolt to the above listed rating.

CHECK THE RIDE BOLTS ON A MONTHLY BASIS

REPORT ANY PROBLEMS OR DISCREPANCIES TO WISDOM INDUSTRIES, LTD.