



**WISDOM  
INDUSTRIES, Ltd.**

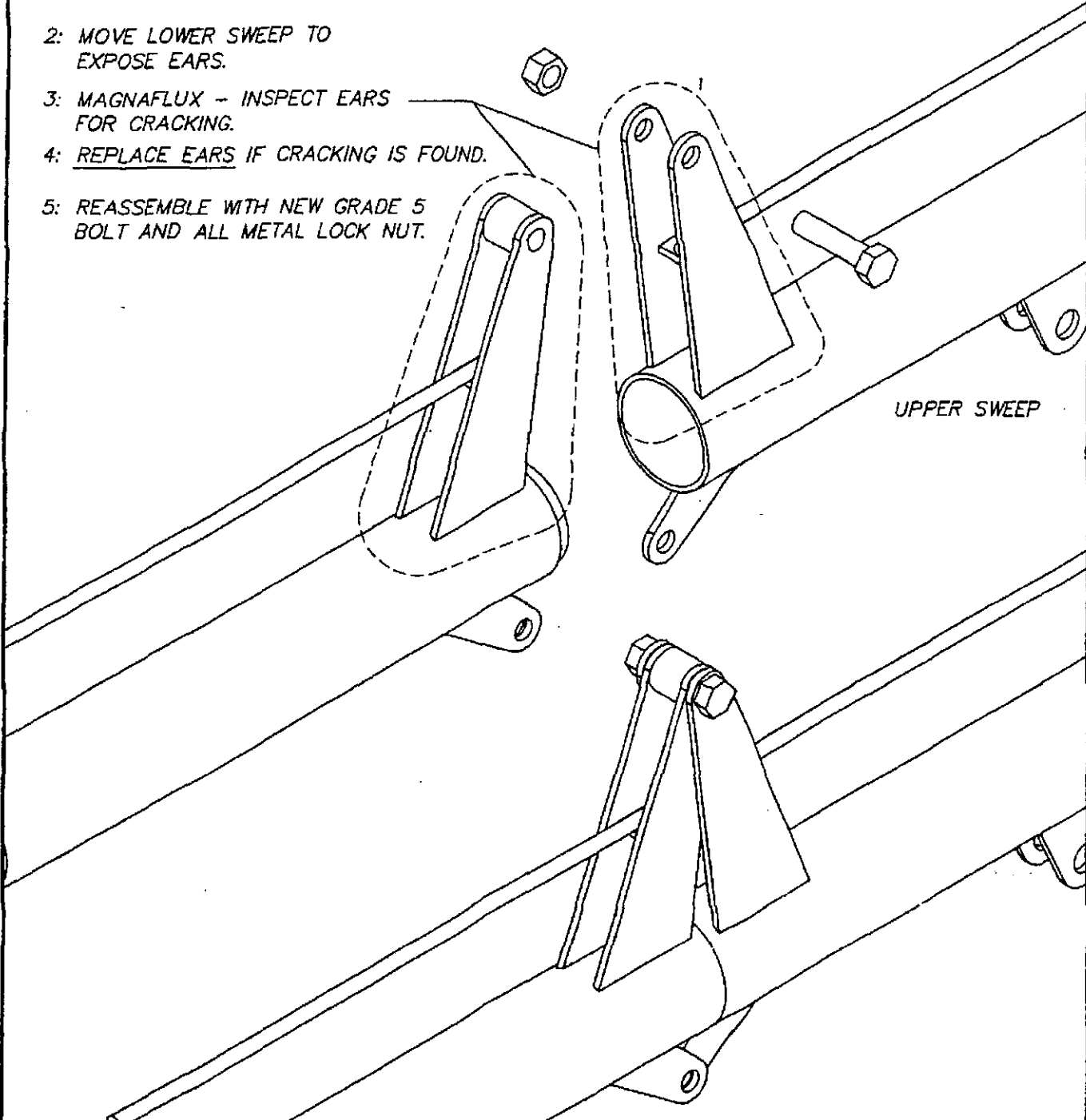
# **SERVICE BULLETIN**

**DATE: NOVEMBER 1, 2005**  
**RIDE: LASER SHIP**  
**SUBJECT: SWEEP INSPECTION  
PROCEDURE**  
**COMPLIANCE DATE: IMMEDIATE**

- **THERE HAS BEEN ONE INSTANCE OF A SWEEP MIDDLE HINGE EAR FAILING DUE TO CORROSION.**
  1. **Inspect the ears shown in the attached drawing using magnetic flux testing for cracks at the hinge point and at the weldment to the sweep tube.**
  2. **If cracking is indicated at the pipe to ear weldment "V" the crack.**
  3. **Weld with 7018 Low Hydrogen rod.**
  4. **If cracking is indicated at the hinge point the ear must be replaced.**
  5. **Weld new ear with 7018 Low Hydrogen Rod.**


**If you have any questions contact Wisdom Industries, Ltd at 970-522-7515.**

- 1: REMOVE BOLT AND NUT.
- 2: MOVE LOWER SWEEP TO EXPOSE EARS.
- 3: MAGNAFLUX - INSPECT EARS FOR CRACKING.
- 4: REPLACE EARS IF CRACKING IS FOUND.
- 5: REASSEMBLE WITH NEW GRADE 5 BOLT AND ALL METAL LOCK NUT.



UPPER SWEEP

OCT 31, 2005 - 15:26:50 < L: \MISC RIDES \LASERS\SP \SWEEP SAFTY.DWG >

 <b>WISDOM INDUSTRIES</b> Merino, CO 80741		APPROVED BY:	
DESCRIPTION <b>SWEEP INSPECTION PROCEDURE</b>		SCALE: NTS	DATE: 10-31-05
EQUIPMENT: <b>LASER SHIP</b>		DRAWN BY: <b>M.HICKAM</b>	DRAWING NUMBER: <b>SWEEP SAFTY</b>