

October 2001

**TOPIC: LOOSE SPINDLE PULLEYS**

### MODELS

**AFFECTED: 1000ZKAV21/48 - 1000Z Series, 21hp, 48" Mower**

serial no: 101-1060

**1000ZKAV23/52 - 1000Z Series, 23hp, 52" Mower**

serial no: 101-590

Field reports have indicated a problem with the spindle pulleys coming loose and damaging the pulley as well as the spindle shaft.

To prevent this problem from occurring, the following corrective action needs to be taken.

1. Remove the belt guards, raise the floor pan and remove the PTO drive belt.
2. Remove the mower blades.
3. Remove the spindle pulley from the shaft and inspect the bottom of the pulley for heavy wear as well as the spindle shaft. If the pulley and shaft are not worn or distorted, set aside until reassembly. If any parts are damaged, replace with new.
4. Remove and discard the wire clip from the spindle shaft. The spindle shaft must be held in place while removing the clip.
5. Reinstall the spindle pulley with the washer and nut previously removed and torque to 85-90 ft. lbs.
6. Repeat steps 3-5 for remaining spindles.
7. Reinstall the mower blades with the washer and bolt previously removed and torque to 70 ft. lbs.
8. Reinstall the PTO drive belt, lower the floor pan and reinstall the belt guards.

