



# RANSOMES

## Service Bulletin 360 Rev.2

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July 1997

### **ZT 200 Reported Assembly Problems**

#### **Models Affected: 942202, 942205**

We have been receiving some field complaints on the ZT 200 series mowers. There are two problems that have been reported. Both problems have been related to assembly procedures not being adhered to.

The first complaint concerns the set screws for the drive pulleys on the hydrostatic pumps. The set screws have been coming loose or haven't been torqued properly. This allows the pump pulley to slide off of the pump shaft. On set up of new machines, please check the set screws to make sure that they are torqued properly. If found loose, please apply a medium strength adhesive such as Loc-Tite 423 to the set screws before tightening. In addition, from serial numbers 942202**1679** and 942205**0709** a retaining bolt 64205-013, washer 64163-34 and lock washer 64006-01 have been added to the bottom of the pulley. The bolt threads into the pump shaft to insure that the pulley can not slide off the shaft.

The second complaint has to do with the wheel motor hub nut. On some machines we have had this nut back off when not properly torqued. This allows the wheel hub to wallow out on the motor shaft. When this occurs damage to the motor shaft and wheel hub are inevitable. During set up, please check the torque of these nuts. The torque should be 300 ft. lbs.

Generally, both problems show up early in the life of the machine if not found on set up.

Ransomes has made corrections in our assembly procedures to correct these problems. We apologize for any inconvenience this has caused.

If you find any problems related to the assembly of our equipment, please notify the Ransomes Inc. Service Department as soon as possible. Use the assembly check sheet that comes with each unit and fill out the comments section as to the problem. Please FAX this sheet to us at 414-699-2657. Your cooperation is greatly appreciated.

If you have any questions about this service bulletin, please contact the Ransomes Inc. Service Department at 414-699-2000.