

October 2002

TOPIC: SLIP-FIT GREASELESS SPINDLE BEARING FAILURE

MODELS

AFFECTED: **1000ZKAV21/48** - S/N 101-1310
1000ZKAV23/52 - S/N 101-920
1000ZKAV23/61 - S/N 101-690
IS1000ZKAV21/48 - S/N 101-495
IS1000ZKAV23/52 - S/N 101-705
IS3000ZKAV23/61 - S/N 101-425
IS3000ZKAV25/61 - S/N 101-2515
IS3000ZFKAV2561 - S/N 101-210
IS3000ZXK27/61 - S/N 101-120

Field reports have indicated a number of slip-fit greaseless spindle bearing failures. This failure rate has prompted Ferris to redesign the spindle assembly from a slip-fit design to a light press-fit onto the shaft. This light press-fit may require a small arbor press to assemble the components. (See the proper assembly order below.)

All field failures should be replaced with the revised spindle assembly on an individual basis. It is not necessary to replace all spindles at once.

Proper Spindle Assembly Order:

1. Install the trash shield onto the spindle shaft.
2. Press the bearing onto the shaft until tight against the trash shield.
3. Install the spindle shaft & bearing in the spindle housing.
4. Install the bearing spacer onto the shaft.
5. Press the remaining bearing onto the shaft and into the housing until tight against the bearing spacer.

