

GN-1300 SPINDLE BEARING TEST AND ADJUSTMENT

CHECK

1. Turn off and unplug the machine.
2. Have the lathe chuck on the machine.
3. Put th lathe/mill clutch into the neutral position.
4. Put the powerfeed selector into the mill position.
5. Give the chuck a hard spin by hand. A run-on of at least one revolution desired.

Run-on of at least one but less than 4-----OK no adjustment needed.

Run-on of more than 4 revolutions-----Tighten bearings as shown below.

TIGHTENING

Refer to page 84 of your owner's manual.

1. Loosen screw 8 on the locknut 9.
2. using a pin punch and a hammer, tighten the locknut 1/8 of a turn.
3. Place a block of wood against the face of the chuck and strike the block very firmly with the hammer as though you were attempting to drive the chuck into the lathe head. This will force the bearings to move along the spindle shaft into position.
4. Spin the chuck again and note the results.
5. If the bearings are still loose, repeat until the preset is OK at one to four revolutions of spin.
6. Once the bearing load is set, tighten the locking screw on the locknut and test run the machine.