



**Changing 1000 Feed Rolls  
Part Note Sheet # 051208-1**

Tools required:

Heavy-duty snap ring pliers  
13 mm combination wrench  
19 mm combination wrench  
19 mm socket wrench deep  
2 jaw bearing puller  
If possible, a modified drag link puller.  
Heavy tool hammer

Slide hammer with M16-2.0X 30 stud.  
6 mm Ball end Allen key  
WD-40 or spray penetrating oil  
Abrasive paper  
5 mm Allen key (shaft collars #1 roll)  
??mm bolt with center hole to protect threads.  
Cold chisel, wedge, and pry bar assortment

To remove first three upper feed rolls.

**USE LINE 1 THRU 10 IF PIVOT SHAFT IS FREE**

- 1 Remove the snap rings on both ends of the pivot shaft.
- 2 Remove the 4 bolts attaching the u-joint.
- 3 Block up under roll about 2' should do it.
- 4 Remove the shoulder bolts from the spring rods and lower roll onto blocking.
- 5 Remove the spring rod on LH side of planer only.
- 6 Attach slide hammer to the tapped hole in pivot shaft.
- 7 Clean and oil all exposed surfaces of the pivot shaft both inside and outside planer.
- 8 Hammer the pivot shaft out until the RH bearing holder falls off the pivot shaft (Be careful to catch the key)  
( **If the shaft is stuck go to line 8a** )
- 9 Clean the newly exposed end of the shaft.
- 10 Hammer the pivot shaft into the planer until the LH bearing is free. The roll can now be removed.

**IF PIVOT SHAFT IS STUCK**

- 8a Remove the slide hammer.
- 9a Remove the snap ring on LH end of feed roll.
- 10a Install 2 jaw puller on bearing housing and pull sealed bearing approx 1/16".
- 11a Start pulling the bearing housing off of the pivot shaft using hammer and wedge principal.
- 12a Install thread protector and drag link puller on pivot shaft and pull alternately until the bearing housing is removed.
- 13a Reinstall the slide hammer.
- 14a Hammer the pivot shaft toward you until the RH bearing housing is free. The roll can now be removed!

Note: Pivot shaft on roll #1 also serves to attach the bottom head hold-downs. You have to loosen the 2 shaft collars, then oil and clean the best you can. This shaft is not worth removing. Slide it back and forth to remove the bearing housings.