Bearing Replacement Instructions

Type A machines: “D” shaped bearings  
Type B machines: All others

Make sure shear is UNLOCKED and in Open Position.

1. Remove handle
2. Remove Allen head screws on inner side of bearings.

Type A machines, skip to step 5.  
Type B machines, continue:

3. Slide bearings in toward handle mount.
4. Remove set screws, if any, revealed by bearings.
5. Remove axle bolts.  
   Note: These bolts are NOT screwed in, 
   so just pull straight out.
7. Slide bearings off camshaft.
8. Slide NEW bearings onto camshaft.
9. Place camshaft back between pins.
10. Slide axle bolts through pin into camshaft.  
    A gap of .5mm or .025 in. (about the thickness of a dime) 
    should be left between bolt head and pin.

Type A machines, skip to Step 14.  
Type B machines, continue:

11. Slide bearings in toward handle mount.
12. Re-install set screws.
13. Slide bearings over set screws.
14. Re-install Allen head screws on inner side of bearings, and tighten.
15. Replace handle.

A grease packet is provided for you to grease your new bearings.

A. For shears with “D” bearing, apply grease between bearing and upper beam 
   - outside the bearing.
B. For all others, apply grease between bearing and camshaft 
   - inside the bearing.