

BACK GEAR AND ECCENTRIC SHAFT
9", 10K, 10" and 14½" lathes only

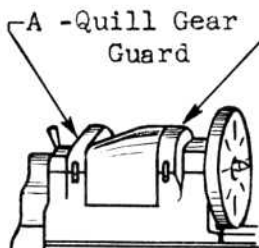


Fig. 1

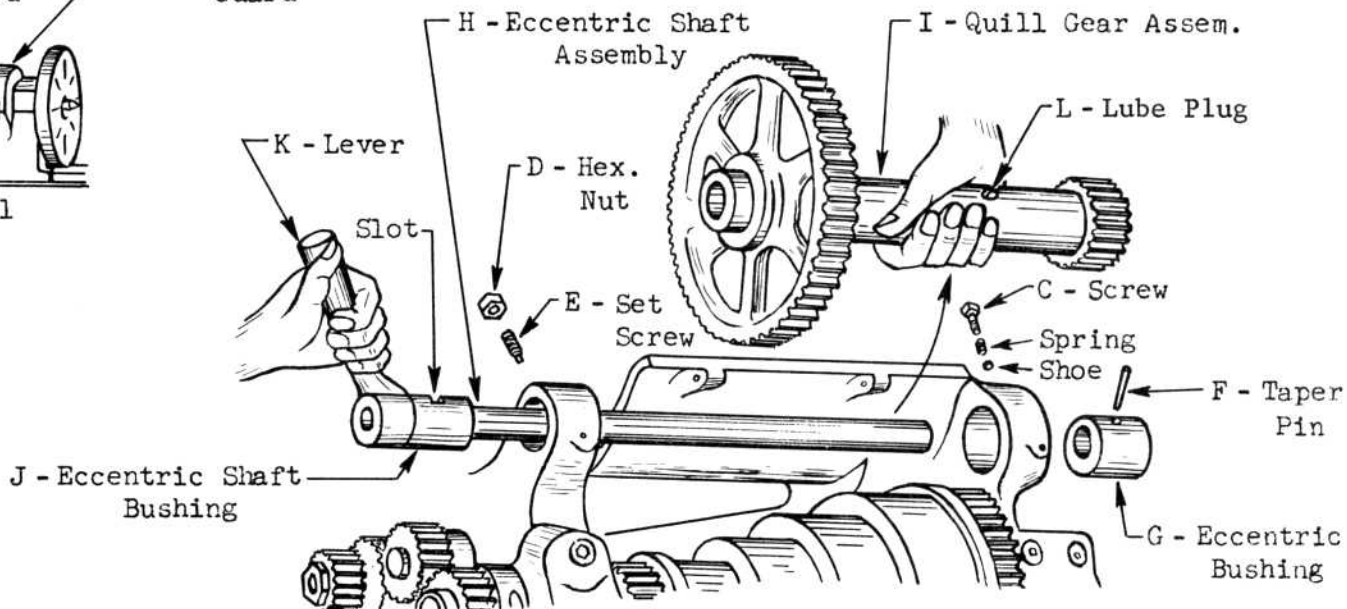


Fig. 2

I. TO DISASSEMBLE:

1. Remove items "A" and "B" (Fig. 1).
2. Loosen screw "C" (Fig. 2).
3. Remove items "D" thru "I" (Fig. 2) in alphabetical order.

II. TO REASSEMBLE:

1. Replace items "H" and "I". (Be sure gears are free of dirt, chips, and nicks.)
2. Replace item "G" and pin with item "F".
3. Replace item "E", locating the point of the screw in slot of eccentric shaft bushing "J" and replace nut "D".

III. ADJUSTING BACK GEARS:

1. Engage back gears using eccentric shaft lever "K" and allow mating gears to bottom. Then back off back gears until you feel a slight rock between mating gears and tighten set screw "E". Tighten screw "C" so tension on bushing "G" is enough to hold gears in mesh on heavy cuts, but not so tight that the eccentric shaft lever "K" is hard to operate. Make final adjustment by allowing lathe to run for a few minutes. If there is an abnormal amount of noise such as a gear rattling noise the gear clearance is too great, adjust by slightly unscrewing set screw "E". If it seems to be a howling noise, the gear clearance is insufficient. Adjust by screwing in slightly set screw "E". When proper gear clearance is obtained, lock set screw "E" with nut "D".

IV. OILING

1. Remove plug "L" and fill teflon grease. Use our CE1625 or equal.