To Remove Pinion Gear

1. Unscrew #2 screw from #3 puller, lube screw, puller threads and screw tip. Thread screw into puller small end, just far enough to hold screw.
2. Slip body over gear and hold against gear while screwing in screw.
3. Hold body with a 7/8 open end wrench while turning screw with a 5/8 boxed end wrench. USE SAFETY GLASSES! Continue to tighten until gear and tool come off pinion shaft.

To Install Pinion Gear 1939-53 Big Twins:

1. Most after market gears and shafts are a press fit.
2. Remove screw from pinion shaft (screw is left hand thread).
3. Lube #2 screw, both threads, and screw short end of screw into the end of pinion shaft as far as it will go.
4. Use press fit lube on pinion shaft OD and gear ID. Slip pinion gear (with timing marks outward) on shaft as far as it will go.
5. Next slip collar #1 over screw and up against gear, big shoulder first, followed by puller #3 in reverse, small end towards collar.
6. Tighten puller #3 with 7/8” open end wrench until collar stops at motor case. Gear is now in the proper position to clear cam cover pinion bushing.

CAUTION:

1. After gear is installed, reinstall screw into the end of pinion shaft.