

FC040

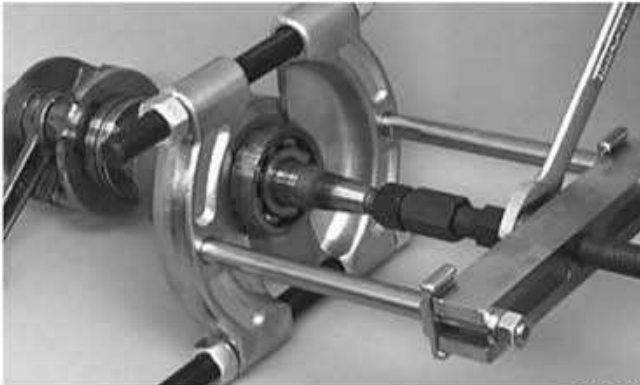
4. Inspect the oil-injection pump drive gear for any signs of worn or chipped teeth. If either condition exists, replace the gear.

■NOTE: Lubricate bearings thoroughly prior to assembly.

## REMOVING OUTER CRANKSHAFT BEARINGS

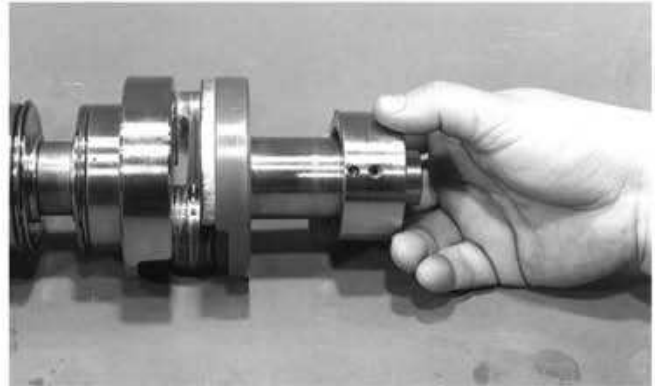
■NOTE: Steps 1-2 are for removing the MAG-side bearing.

1. Place the crankshaft in a suitable support; then install Crankshaft Bearing Remover between the journal and the MAG-side bearing.
2. Place the protective cap on the crankshaft end; then remove the bearing from the end of the crankshaft. Account for any shim(s). Note the position of the dowel pin hole.



AN068D

3. The PTO-side bearing may be removed simply by sliding the bearing off the PTO end.



AN151A

4. Inspect the crankshaft bearing area for wear. If any wear is noted on either end, replace the crankshaft end.

## INSTALLING OUTER CRANKSHAFT BEARINGS

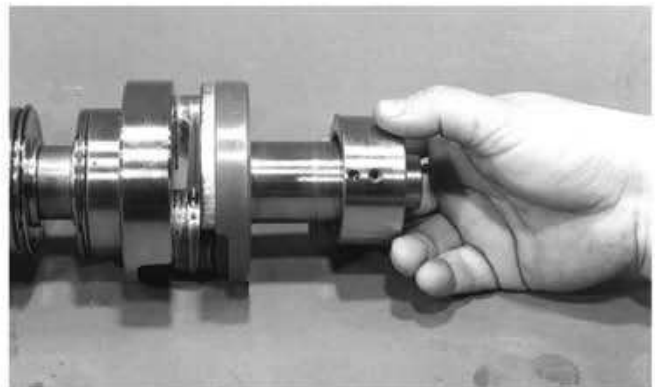
■NOTE: On certain models, steps 1-3 are for installing the MAG-side bearing.

1. Wrap a thick towel around the crankshaft; then secure the crankshaft vertically in a vise.
2. Heat the bearing either by placing the entire bearing in a pan of oil on a hot plate or by squirting oil into the bearing and using a propane torch to heat the inner race of the bearing until a slight smoke is noted coming from the bearing.

### ⚠ CAUTION

DO NOT overheat the bearing.

3. Place any shims removed during disassembly onto the crankshaft; then slide the bearing onto the crankshaft making sure the dowel-pin hole in the outer race is properly positioned and will align with its hole and pin in the crankcase.
4. Slide the PTO-side bearing onto the PTO end making sure the dowel-pin hole will align with the hole and pin in the crankcase.



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