

Service

SHOP DOPE BULLETIN NO. 385

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TOOLS FOR REMOVING TIMKEN BEARING FROM SPROCKET SHAFT, MODEL FL
ALSO FOR REMOVING COMPENSATING SPROCKET SHAFT EXTENSION, MODEL FL AND XL

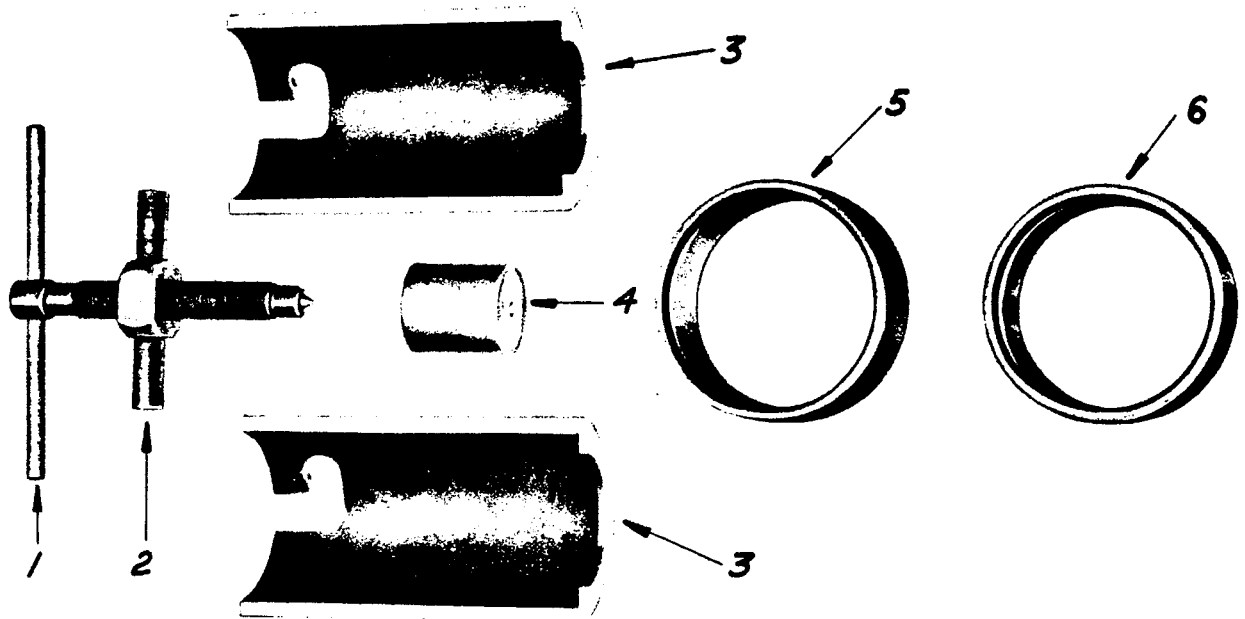


Figure 1. Tool Set Complete, Part No. 96015-56

<u>Item</u>	<u>Name</u>
1	Screw Assembly
2	Screw Block
3	Puller Body
4	Adapter Plug
5	Plain Collar
6	Grooved Collar



Figure 2.

The tool set shown on page 1 of this bulletin is available from the factory under part No. 96015-56. The tool set is specially made for the following three purposes:

1. Pulling flywheel side sprocket shaft Timken bearing on 1955 and later Model 74 OHV engine.
2. Pulling sprocket shaft extension on 1955 and later Model 74 OHV engine equipped with compensating sprocket.
3. Pulling sprocket shaft extension on 1957 Model XL (Sportster).

To pull sprocket shaft bearing from 74 OHV flywheel assembly, items 1, 2, 3, and 5, shown in Figure 1 on page 1, are used. Place pinion shaft end of flywheel assembly between copper jaws in a vise. Place hooked ends of puller body halves (3) back of bearing next to flywheels and slip plain round collar (5) over outside of body halves so that it will hold them together when pulling off bearing. Turn screw assembly (1) part way into screw block (2), and engage the block ends in puller body slots. Tighten the puller screw against sprocket shaft center to pull bearing off as shown in Figure 2.

(Note: Some early 1955 Model 74 OHV engines do not have space between bearing and flywheel necessary for insertion of hooked ends of puller body. On such engines it is necessary to disassemble sprocket shaft from flywheel to remove bearing.)

To pull sprocket shaft extension, tool is used in same manner as above, with these differences: Adapter plug (4) of Figure 1 is used as a center, being inserted into sprocket shaft extension. The plain round collar (5) is used for 1955 and later 74 OHV sprocket shaft extension. Collar (6), identified with groove around outside, is used for 1957 Model XL (Sportster) sprocket shaft extension. Figure 3 shows manner of using puller on 74 OHV sprocket shaft extension.

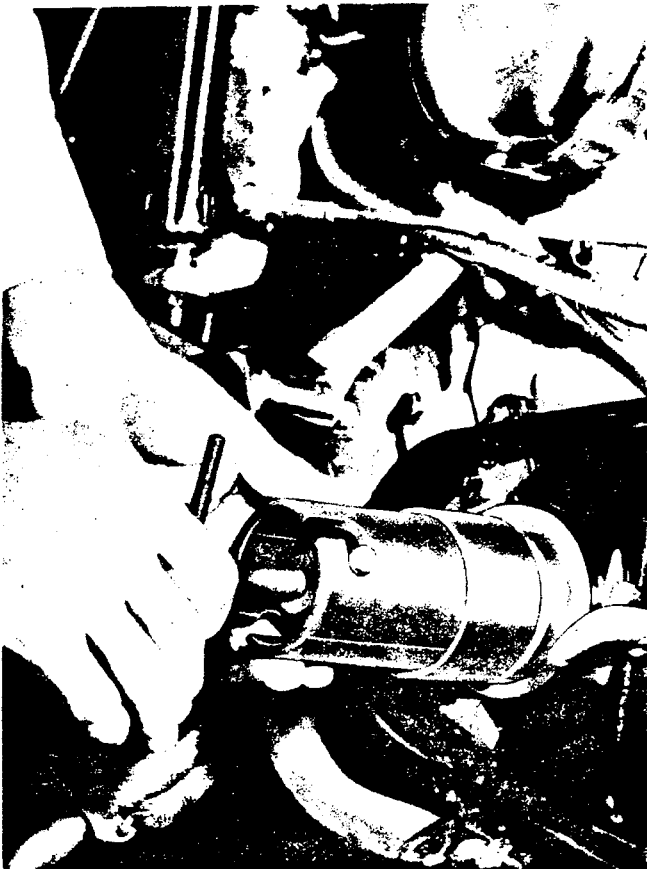


Figure 3