Instruction Sheet For #1052



Oil Pump Snap Ring Installer

Use On All Big Twin Oil Pumps

Refer to H.D.® Service Manual for removal and assembly of oil pump.

CAUTION: Be sure to disconnect the battery ground cable.

1. If you are building an oil pump on the work bench, oil the ring expander, #1, with a small amount of oil. With a new snap ring in hand start it up the small diameter of the ring expander. Use tube part of tool #2 to push snap ring to almost the very end of the ring expander #1.
2. With oil pump built with gears, keys and shafts installed or in motor, hold shaft so it can not move in-ward.
3. Hold the complete tool (with snap ring still at the very end of the ring expander) large end up to the end of oil pump shaft firmly, at the same time pushing snap ring onto oil pump shaft with the tube.
4. Make sure snap ring is in the groove all the way.
5. If the pump is on motor and cam cover is still on, try to turn the gear. If the gear at the end of the shaft turns and you know the key was installed, it is likely the drive key fell out inside the cam cover.
6. You can also turn motor over (rotate) by hand slowly to see if the drive gear key is still in place.

PARTS AVAILABLE SEPARATELY

No.	Qty.	Description	Part No.
1	1	RING EXPANDER	1052-1
2	1	SLEEVE	1052-2

CAUTION: Wear safety glasses. Excessive force may damage parts! ,See JIMS® catalog for over 100 other top quality professional tools. The last tools you will ever need to buy.

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