

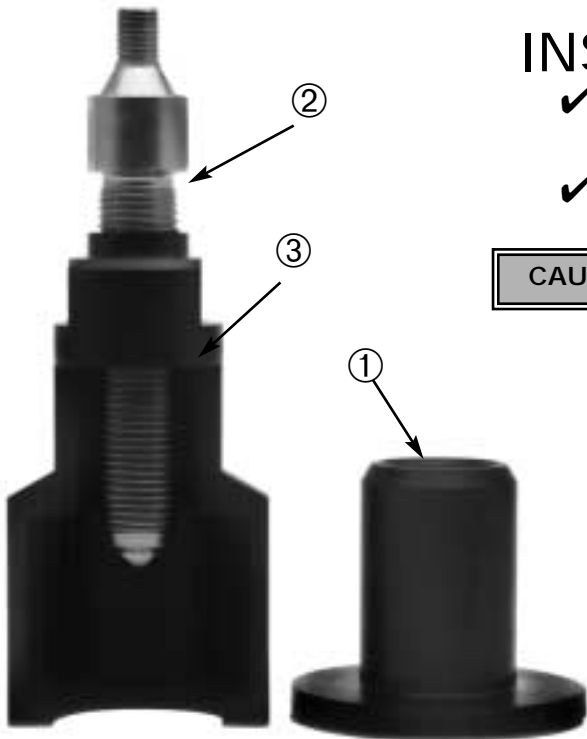


# Instruction Sheet For #96830-51

## PINION GEAR INSTALLER AND PULLER

- ✓ Use to install pressed on splined pinion gears  
*(See to install pinion gear 1939-53 below)*
- ✓ Use to remove pinion gear on Big Twin & Sportster all years.

**CAUTION: Disconnect negative cable to battery.**



1. After removal of cam cover per H.D.® Service Manual.
2. Use JIMS® tool #94555-55A to remove left hand nut on Big Twin 1954-1992.

### 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.

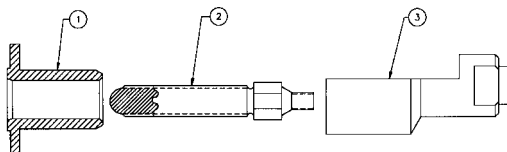
### To Install Pinion Gear 1939-53 Big Twins:

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 JIMS® press fit lube #2124 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.
2. For Sportster 1957-1976 do the above but follow H.D.® Service Manual for the right positions of gear.

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



PARTS AVAILABLE SEPARATELY			
No.	Qty.	Description	Part No.
1	1	COLLAR	96830-51-1
2	1	SCREW	96830-51-2
3	1	PULLER	96830-51-3

***"From the Track... To the Street!"***