

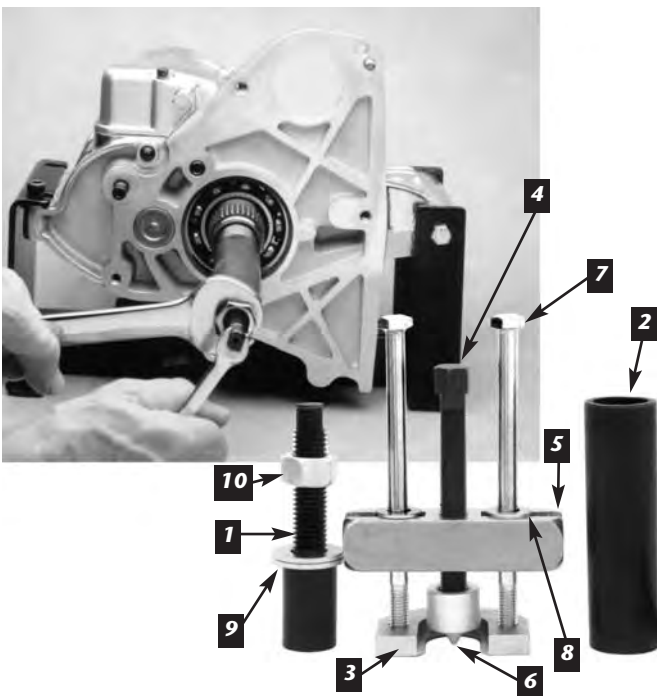
A Division of Thiessen Products, Inc.

# INSTRUCTION SHEET FOR TOOL NO.34902-84

## MAINSHAFT BEARING RACE REMOVER AND INSTALLER USE ON BIG TWIN 1984-PRESENT

**Refer to H-D® Service Manual for specifications.**

### **Bearing Race Removal**



1. Assemble bearing puller plate #3 with the two bolts #7 into the puller bar #5. Install center screw #4 with a little lube, install hardened tip #6.
2. Install assembly on mainshaft positioning bearing plate behind bearing race. Caution: be sure bolts are threaded into puller at least 1/2 way and are at the same length on bar.
3. Turn center screw clockwise until bearing race is pulled off mainshaft while holding end of extension #1 with a 3/8 wrench as shown in photo. If you feel a resistance of over 50 ft.lbs, you may need to apply heat to the O.D. of the race to pull free. Do not exceed 200 degrees.



**Note:** Use JIMS No. 899 Heat stickers when applying heat to the mainshaft to prevent overheating damage. Order separately.

### **Bearing Race Installation Oil all threads**

1. Slide bearing race onto mainshaft with the chamfer toward trans. Use a press fit lube on race and shaft.
2. Install left handed extension shaft #1 to mainshaft.
3. Place pusher tube, #2, over extension shaft with large flat washer #9 and nut #10.
4. Tighten nut so race is .100" - .150" from the end of the main drive gear, refer to H-D® Service Manual.

#### **PARTS AVAILABLE SEPARATELY**

NO.	QTY.	DESCRIPTION	PART NO.
1	1	LEFT HAND THREADED EXTENSION	2139
2	1	PUSHER TUBE	2140
3	1	PULLER PLATE	34902-84-3
4	1	SCREW	1024
5	1	PULLER BAR	2013
6	1	HARDEN TIP	1025
7	2	BOLT	2030
8	2	FLAT WASHER	2212
9	2	FLAT WASHER	2020
10	1	NUT	2032
11	1	INSTRUCTION SHEET	34902-IS

**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.**

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