



A Division of Thiessen Products, Inc.

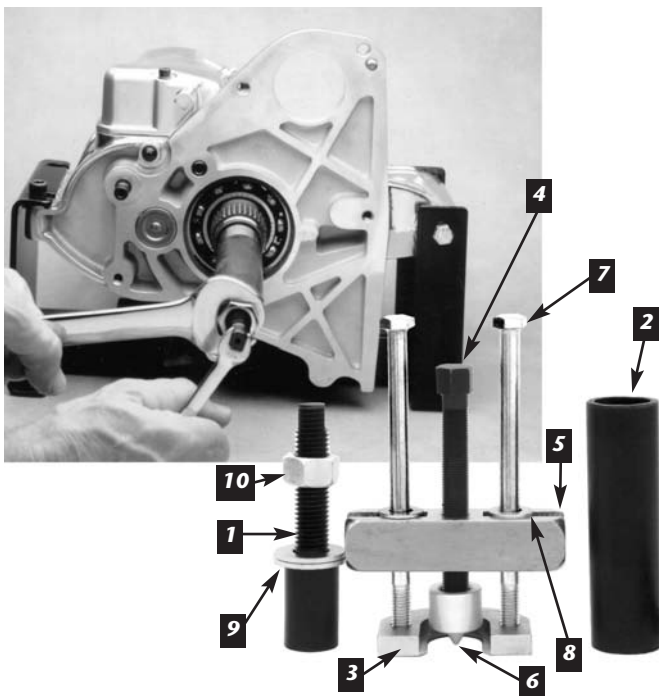
INSTRUCTION SHEET FOR TOOL NO.34902-84

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!"

555 DAWSON DRIVE, CAMARILLO, CA 93012 • PHONE 805-482-6913 • FAX 805-482-9224