



A Division of Thiessen Products, Inc.

# INSTRUCTION SHEET FOR TOOL No.1051



## PISTON PIN BUSHING TOOL

USE ON ALL TWIN CAM 1999-2006

USE TO REMOVE AND INSTALL WRIST PIN BUSHING WITHOUT REMOVING RODS FROM CRANKCASE

**Note: Read entire instruction sheet before doing the job.**

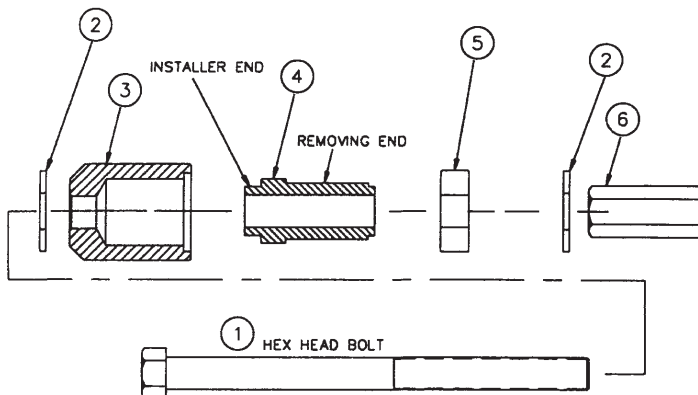
1. Refer to H-D® Service Manual for specifications.
2. Start with a clean motor and a clean area to work in.
3. Remove top end per H-D® service manual. Be sure to disconnect the battery ground wire.
4. Secure rod with JIMS® tool No.1284 connecting rod clamp, and be sure to seal off the entire crank case area to keep out any debris.
5. Go over the parts list from #1 through #6.
6. Apply a little lube to all moving parts such as threads, washers and thrust bearing.

### To remove bushing:

7. Slip 1 brass washer #2 over bolt #1 followed by slider #3. With slider #3 up against one side of rod with bolt #1 through bushing.
8. Slip puller #4 with long removing end against rod (see parts list) followed by thrust bearing #5 then brass washer #2 over bolt.
9. Thread on coupling nut #6. Tighten nut with a 11/16 wrench, while holding other end of bolt with a 3/4 wrench or socket.
10. Continue tightening nut until bushing is free of rod, remove tool.

### To install bushing:

11. Installing is just the opposite of removing bushing except for puller #4, use the short installing end (see parts list). To push bushing into rod use a press fit lube, on bushing and rod hole. Align the slot in bushing with the slot or hole in the top of rod. Tighten nut #6 until tool stops at the face of rod.
12. Fit new bushing per H-D® Service Manual and also check rod for straightness. Do the other rod in the same manner.



### PARTS AVAILABLE SEPARATELY

No.	Qty.	Description	Part No.
1	1	BOLT	2009
2	2	BRASS WASHER	2129
3	1	SLIDER	1051-1
4	1	PULLER	1051-2
5	1	BEARING	2010
6	1	COUPLING NUT	2011
7	1	INSTRUCTION SHEET	1051-IS

**CAUTION:** WEAR SAFETY GLASSES. EXCESSIVE FORCE MAY DAMAGE PARTS! ,SEE JIMS® CATALOG FOR OVER 200 OTHER TOP QUALITY PROFESSIONAL TOOLS. THE LAST TOOLS YOU WILL EVER NEED TO BUY.

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

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