



# Instruction Sheet For #95970-32C



## Piston Pin Bushing Tool

Use on all models  
Use to remove and install wrist pin bushing without removing rods from crankcase

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

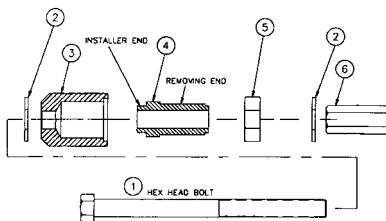
1. Refer to H.D.® Service Manual for specifications.
2. Start with a clean motor, also a clean area to work in.
3. Remove top end per H-D® service manual. Be sure to disconnect the battery ground wire.
4. Install a connecting rod clamping fixture, H-D® #95952-33. Be sure to seal off the entire crank 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. Continuing tightening nut until bushing is free of rod remove tool.
11. Now is the time to see what size bushing you will need for this rod. Measure the inside of the rod bushing hole. If it measures .890 to .892 use JIMS® standard bushing part #24331-36 for all Sportster and 45". For all Big Twins use JIMS® bushing #24334-36 which the standard size is .896 to .895. We like to see about .005 to .003 thousands press fit of bushing to rod. Use oversize bushing as needed. JIMS® has bushings in sizes +.005 to +.010 for rods needing a larger bushing.

### To install bushing:

12. 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, like JIMS® #2124, 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.
13. 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	95970-32C-1
4	1	PULLER	95970-32C-2
5	1	BEARING	2010
6	1	COUPLING NUT	2011

**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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