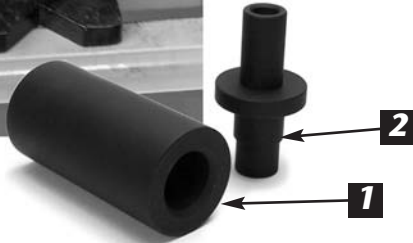
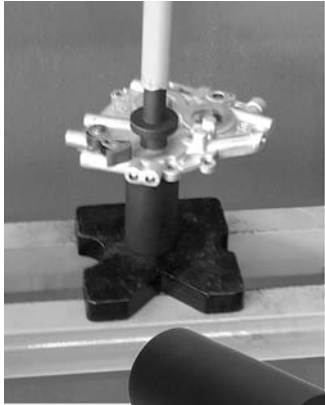




INSTRUCTION SHEET FOR TOOL # 1281



CRANKSHAFT BUSHING REMOVER & INSTALLER USE ON ALL TWIN CAM MODELS

This tool will remove and install the crankshaft bushing in the support plate on a Twin Cam. This tool is piloted for accurate operation.

PARTS AVAILABLE SEPARATELY			
No.	Qty.	Description	Part No.
1	1	SUPPORT TUBE	1281-1
2	1	DRIVER	1281-2
3	1	INSTRUCTION SHEET	1280-IS

Refer to H-D service manual for specifications

(Note: Read all before performing work) **WARNING:** Always wear eye protection and always disconnect the negative cable on the battery.

To Remove:

1. Place support #1281-1 on the press, and center ram over support.
2. With the primary cam chain side of the support plate facing up, center the crankshaft bushing over the support #1281-1. * Warning: Do not press bushing out the primary chain side or damage will occur. The crankshaft bushing is knurled on the edge that faces the cam chain side.
3. See photo. Insert the "remove" side of the driver # 1281-2 into bushing until shoulder of tool contacts the edge of the bushing. Make sure it is seated in the bushing and centered over the ram of the arbor or hydraulic press.
4. Press bushing from the bore of the support plate until collar on the tool contacts cam support plate. Discard old bushing.

To Install:

1. Place support # 1281-1 on the press and center ram over support.
2. Place cam support plate with the secondary cam chain side facing upward. Center the bushing hole over support # 1281-1.
3. Apply press fit lube to O.D. of bushing and locate into bore with the knurled edge facing up. Make sure hole in bushing is lined up with the oil hole in the bushing bore. (Note: mark a small line on bushing and support plate if needed.)
4. See laser marking on tool. Insert the "install" side of driver # 1281-2 into bushing, make sure knurl edge is up, and press bushing into bore until collar on driver makes contact with cam support plate.
5. Ream, the crankshaft bushing using JIMS No.1698 cutting fluid.

CAUTION: WEAR SAFETY GLASSES. EXCESSIVE FORCE MAY DAMAGE PARTS!
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