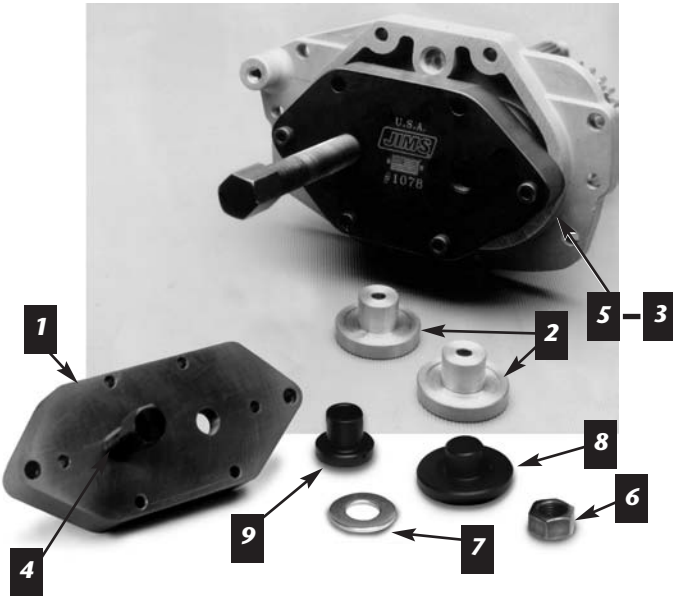




A Division of Thiessen Products, Inc.

INSTRUCTION SHEET FOR TOOL #1078

**5- SPEED TRANSMISSION DOOR BEARING (H-D® No.8998 OR No.8992)
REMOVER AND INSTALLER
USE ON BIG TWIN 1980-2006.**



PARTS AVAILABLE SEPARATELY			
NO.	QTY.	DESCRIPTION	PART NO.
1	1	BASE, PULLER AND INSTALLER	1014-1
2	2	PILOT, INSTALLING (No.8998) SMALL BEARING	1078-2
3	6	WASHER	1683
4	1	SCREW	1024
5	6	SOCKET HEAD CAP SCREW	1203
6	1	NUT	2000
7	1	FLAT WASHER	2020
8	1	PILOT, INSTALLER (No.8992) BIG BEARING	1077-2
9	1	PILOT, REMOVER (LG OR SM) BEARING	1077-3
10	1	INSTRUCTION SHEET	1078-IS

No.1014 - Use on all Big Twins 1980-98 to remove & install bearings on 5-speed & aftermarket 6-speeds. To pull trapdoors use on EVO & Shovel Big Twins 1980-99 5 & aftermarket 6-Speeds. Use on all Twin Cam® 1999-05 FXD, 1999-06 FL & 2000-06 FXST.

Note: JIMS offers a complete line of transmission related tools and parts. See catalog or Web at www.jimsusa.com

1. Refer to H-D® or Clymer Service Manual for removal of transmission.
2. Warning: Disconnect negative cable to battery.
3. This tool will also remove the door, while leaving the shafts and gears in the case by using 2 #1024 screws (one included with tool).
4. Remove all screws from case that hold door to case, and also the 2 nuts off the ends of the mainshaft and countershaft. Mount tool to door with at least 4 screws lubed. Lube the #1024 screw and turn the screw, 1 turn at a time until the door has cleared the case.
5. With gear set removed from case, remove both door bearing snap rings. Install tool on transmission door using allen screws provided No.1203. Use this tool only if door bearings are to be replaced.
6. To remove transmission shafts from transmission door, install #1024 screw in threaded hole over countershaft end, and turn screw until shaft is pushed out of bearing. Move screw to mainshaft hole and repeat procedure.
7. To remove bearings from transmission door, with shafts removed from transmission door, and tool still in place, install remover pilot No.1078-3 into bearing (Part No.8998 or 8992) on trans side of door.
8. Install nut No.2000 onto #1024 screw, lube all threads, put washer No.2020 against nut, thread #1024 screw through pilot and push out bearing. Move pilot No.1078-3 and screw to the other bearing and repeat procedure. Then remove tool from door.
9. To assemble bearing in door. Install new bearing using a press lube. Place bearing, lettered side up, over the bearing bore. Place installer pilot No.1078-2 on No.8998 bearing, or use pilot no.1077-2 on No.8992 bearing and install tool on transmission door with screws. Press in bearing by turning in screw #1024 until bearing gently bottoms in door. Repeat procedure for the other bearing.
10. Remove tool and install snap rings to retain bearings. Reassemble transmission as described in H-D® or Clymer Service Manual.

CAUTION: WEAR SAFETY GLASSES OVER YOUR EYE'S.
SEE JIMS® CATALOG FOR HUNDREDS OF TOP QUALITY PROFESSIONAL TOOLS.
THE LAST TOOLS YOU WILL EVER NEED TO BUY.

Performance Parts For Harley-Davidson Motorcycles