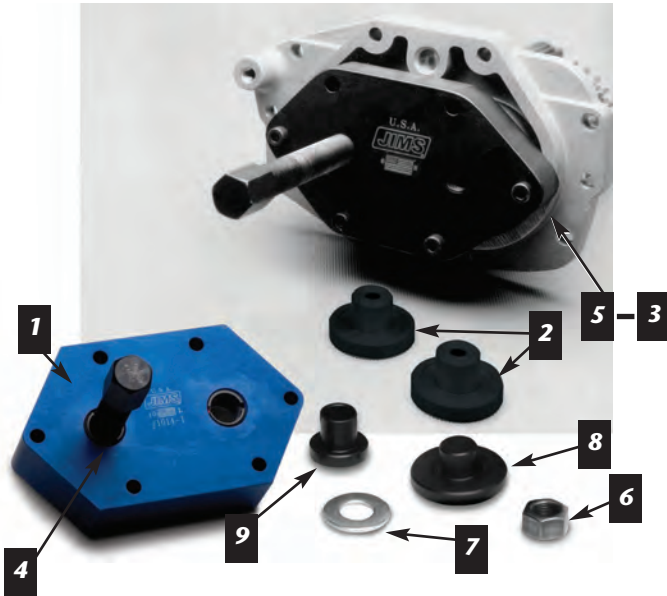




A Division of Thiessen Products, Inc.

# INSTRUCTION SHEET FOR TOOL NO. 1014

## 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 5-speed Big Twins and aftermarket 6-speed 1980-2006 except 2006 Dyna.

**Note:** JIMS offers a complete line of transmission related tools and parts. See catalog or online at [www.jimsusa.com](http://www.jimsusa.com)

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