A Division of Thiessen Products, Inc.

Instruction Sheet For Tool No. 2268

5-Speed Main Case Seal Installer



JIMS No. **2268** 5 Speed Seal Installer Tool is modeled after our highly successful No. 786 seal driver for the H-D Cruise Drive 6-Speed Transmission. It will install H-D No. 12050 or 12067B seal to the proper depth for an easy, leak free install every time.

Use on 1985-2006 5-Speed Big Twin Transmissions (Use No. 786 for 2006 Dyna and all 2007 to present 6 speed Big Twin).

NOTE: PLEASE READ ALL INSTRUCTIONS COMPLETELY BEFORE PERFORMING ANY WORK!
IF YOU DO NOT KNOW WHAT YOU ARE DOING, DO NOT DO IT!
No information in this instruction sheet pertaining to motorcycle repair is represented as foolproof or even altogether safe.
Even something safe, done incorrectly or incompletely can and will backfire. You and only you are responsible for the safety of your repair work and for understanding the application and use of repair equipment, components, methods and concepts.
Each and every step this tool is designed to do must be carefully and systematically performed safely by you. All information listed in this instruction sheet has been tested, re-tested and used daily in JIMS® Research and Development Department.
ALWAYS WEAR SAFETY GLASSES OR OTHER FACE AND EYE PROTECTION SUCH AS FULL FACE SHIELD. JIMS® IS NOT RESPONSIBLE FOR DAMAGE, INJURY, OR YOUR WORK. JIMS® IS NOT RESPONSIBLE FOR THE QUALITY AND SAFETY OF YOUR WORK.

Recommended Tools and Supplies

- Service and Parts Manual for the year and model you will be repairing.
- Medium sized brass hammer. JIMS No. **1080** or equivalent.
- New Seal No. **12050** for 1985-1993 or No. **12067B** for 1994-present.
- New Quad Seal No. **11165**.
- New Sprocket Spacer JIMS No. **33334-85** or **33344-94** (unless original is in good serviceable condition).
- JIMS No. **34902-84** Mainshaft Bearing Race R&I Tool

Installing New Seal

1. Apply a small amount of trans lube to the O.D. and I.D. of the new seal and the O.D. of the sprocket spacer. Use the same lube you will be running in your transmission.
2. Lubricate lightly and slide a new No. **11165** quad seal over the main drive gear.
3. Install sprocket spacer into new seal with the inner bevel facing toward the main drive gear and quad seal.
4. Slide seal with sprocket spacer over mainshaft and main drive gear up against transmission case.
5. Place Tool No. **2268** over mainshaft and against new seal. With brass hammer, gently tap the seal into its bore until the driver is making contact with the transmission case.
6. Re-assemble inner primary, compensating sprocket, primary chain, adjuster, clutch, and cover following the H-D service manual.