Instruction Sheet For Tool #976

Big Twin Engine Rotator

Use on 1955 to 2006 Big Twins except 2006 Dyna's to present

Note: Do not use with air or electric impact wrench.

1. Always disconnect both positive and negative battery cables before performing any service to the primary drive area.
2. Refer to H.D. service manual per application your working on for removal of clutch Assy, primary chain, and sprockets.
3. When you have access to the bare sprocket shaft, place tool on sprocket shaft as shown in photo. Caution: Do no use with an air or electric impact, this tool is only guaranteed for use with hand drivers,"not impacts".

   Use this tool to rotate the flywheel engine assembly, with engine still in frame or while mounted in a secure engine stand. Use for easy rotation of engine at the time of push rod adjustments, or when building big inch engines. Can also be used for checking piston to piston, or valve to valve clearences or can be used to hold flywheel assembly from rotating when torque is applied to the cam drive sprockets bolts on Twin Cam or pinion shaft nut on single cam models.

   Use with the engine bolted in a JIMS engine stand. Use No.1006T for PAN's, SHOVEL's, and EVO's. Use JIMS No.1022 for 1999 to 2006 FL's and 1999 to 2005 FXD's. Use JIMS No.1668 for 2000 to 2006 FXST's.



READ ALL INSTRUCTIONS BEFORE PERFORMING 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 fool-proof or even altogether safe. Some people can ruin a mechanic's vise with a tack hammer. Even something safe, done incorrectly or incompletely can and will backfire. You are responsible for the safety of your work and knowledge of the tools, repair equipment, components, methods and concepts needed to complete these tasks. You must carefully and systematically perform each and every step safely. All information listed in this instruction sheet has been tested, re-tested and used daily in JIMS Research and Development Department.

JIMS® IS NOT RESPONSIBLE FOR THE QUALITY AND SAFETY OF YOUR WORK!

If you are not sure about any of the procedures in these instructions, have a reputable H.D. repair shop perform these procedures for you.

WARNING: Always disconnect the Battery Ground Cable (at the battery) to prevent injury. Your work area should be well lit. Wear safety glasses (over your eyes) and protective clothing when working around power tools and compressed air. Be careful with chemicals when cleaning parts. Protect your skin from solvents and use only in a well-ventilated area. Degreasers are flammable and are a fire hazard. Just use common sense and exercise good judgement.

CAUTION: Wear safety glasses. Excessive force may damage parts!
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