



A Division of Thiessen Products, Inc.

## INSTRUCTION SHEET FOR No.956 TOOL



### PARTS AVAILABLE SEPARATELY

No.	Qty.	Description	Part No.
1	1	TIMKEN® BEARING INSERT	959-1
2	6	SCREW, TORX	2006
3	1	#620 LOCTITE	1286-1362

JIMS® No. 956 bearing insert kit must be used with JIMS Tool No. 959 Twin Cam Timken Case Conversion Tool. For more details on the No.959 tool go to the website and see 959-IS. JIMS special precision insert has been designed to easily and accurately convert the weak left case crankshaft straight roller bearing H-D No.24604-00D to the more robust Timken bearing H-D No. 9028. JIMS bearing insert has been manufactured from chrome moly steel and is several times stronger than the cast aluminum case material the standard left case bearing rides in. This insert is machined to less than .0002 TIR (Total Indicator Reading). JIMS controls the TIR tolerance to ensure a quality bearing insert to handle the high torque power you designed into your engine. With this precision insert and following the instructions that come with tool No.959, you can be confident of performing a superior bearing conversion installation. All parts manufactured in house at JIMS USA Camarillo CA.

**PATENT PENDING**

**Caution:** Before installing any new parts, you and only you are responsible to make sure all components are within serviceable wear limits of the left case bearing bore, all bearings, right engine case, cam support, oil pump, and also the flywheel assembly is trued to H-D specifications.

**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 you 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.**

**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*