A Division of Thiessen Products, Inc.

Instruction Sheet For Tool #950

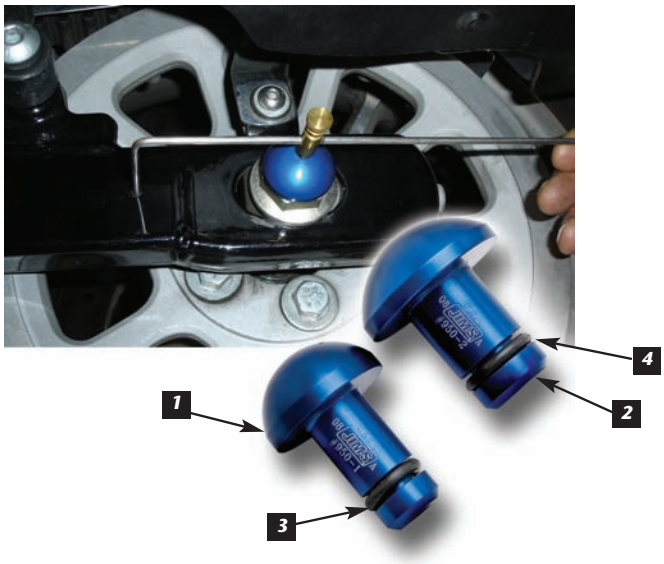
Warning: Incorrect rear axle alignment could cause death or serious injury.

NOTE: PLEASE READ ALL INSTRUCTIONS COMPLETELY 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 your understanding the application and use of repair equipment, components, methods and concepts. Each and every step that 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.

This tool is used to align rear axles on 2008 to present hollow rear axle model Sportsters®, Dyna®, and Softail®.



PARTS AVAILABLE SEPARATELY

No.	Qty.	Description	Part No.
1	1	AXLE PLUG, LEFT	950-2
2	1	AXLE PLUG, RIGHT	950-1
3	1	O-RING, LEFT	950-4
4	1	O-RING, RIGHT	950-3
5	1	INSTRUCTION SHEET	950-IS

Refer to H-D® service manual for appropriate year and model for the motorcycle you will be repairing.

Warning: ***Disconnect the negative ground cable at the battery. Check that all engine and transmission mounting hardware and components are in good serviceable working order.***

Caution: This Tool is precision gauge, it will last a lifetime if it is handled in a professional manner. If for any reason you need assistance, please call JIMS® TECH. department.

1. Safely lift rear tire of motorcycle off the ground with motorcycle being level. Support bike with tie downs so it cannot and will not fall over, as you will be checking torque as high as 105 ft-lb for some models.
2. Check and torque all engine and transmission hardware per H-D® service manual.
3. Check rear belt adjustment and axle torque for the year motorcycle you're servicing per that year service manual.
4. Check and repair as needed, the following components that can and will affect alignment:
   Neck bearings, wheel bearings, swing arm bearings, and wheels for trueness. Adjust or repair as necessary.
5. Use JIMS® tool No.928 alignment rod along with these No. 950 Axle Plugs. Also use JIMS No. 923 Belt tension tool to check & set correct belt tenison. Refer to H-D service manual for axle torque specifications. Follow each tools instructions along with the H-D Service Manual for rear wheel alignment specifications.