



A Division of Thiessen Products, Inc.

## INSTRUCTION SHEET FOR TOOL No. 5804

### CLUTCH SPRING COMPRESSOR ADAPTER FOR VICTORY

JIMS No. **5804** is designed to be used with JIMS No. **38515-90** Clutch Spring Compressor Tool on Victory clutch hubs. Use on all 2001-present Victory models with diaphragm clutch springs. Not for 2017-present Octane models.

**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 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 a 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 PARTS AND TOOLS

- JIMS No. 38515-90 clutch compressor tool
- Internal retaining ring pliers
- 5/8" combination wrench
- 11/16" combination wrench
- Service manual for year and model motorcycle serviced
- Motor Oil



#### INSTRUCTIONS

1. Follow service manual to gain access to clutch assembly.
2. Remove internal retaining ring that retains clutch lifter assembly and remove assembly from clutch hub.
3. Install JIMS No. **5804** adapter into clutch hub by lining up 3 protrusions with their corresponding grooves in center bore of clutch hub.
4. Install retaining ring into its original groove.
5. Using JIMS No. **38515-90** Clutch Spring Compressor Tool, thread No. **2036** puller bolt through No. **2033** washer, No. **38515-90-1** cup into No. **5804** Victory adapter.
6. Follow JIMS instruction sheet No. 38515-IS and Victory service manual to compress diaphragm spring only enough to remove retaining ring and spring seat. Using 5/8" and 11/16" wrenches, hold No. **2036** bolt while tightening nut No. **2033**. Remove diaphragm spring, pressure plate, and compressing tool as a unit.
7. Assembly is reverse of disassembly. Line up posts in clutch hub with notches in pressure plate and diaphragm spring, install spring seat and retaining ring securely into its groove, with machined (sharp) edge up, then slowly release clutch spring compressor tension. Position retaining ring so one end of retainer is located on one of the posts.

**Caution:** Be sure retaining ring is securely seated in its groove before releasing diaphragm spring tension.

8. Remove clutch lifter retaining ring, remove JIMS No. **5804** adapter, insert clutch lifter assembly and replace retaining ring.
9. Install covers, gaskets, seals, lubricant and adjust clutch following Victory service manual.
10. Check engine oil level and fill as needed.

*Performance Parts For Harley-Davidson Motorcycles*

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