



A Division of Thiessen Products, Inc.

INSTRUCTION SHEET FOR TOOL No. 5801

WATER PUMP SEALS INSTALLER TOOL FOR INDIAN SCOUT AND VICTORY OCTANE USE ON INDIAN SCOUT MODELS 2015-PRESENT AND 2017-PRESENT VICTORY OCTANE

RECOMMENDED TOOLS AND SUPPLIES

- Gasket for stator cover
- Motor oil.
- Coolant
- Service Manual for year and model motorcycle
- 18mm wrench
- 8mm wrench
- New water pump seal assembly
- New inner seal as needed

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!**

INSTRUCTIONS

1. Drain cooling system following service manual.
2. Remove stator cover following service manual.
3. Remove water pump impeller following service manual
4. Remove water pump seal assembly and inner seal if necessary. Clean seal bore and inspect for scoring of seal bore surfaces.
5. Lubricate threads of water pump shaft and thread JIMS No. 5801-2 shaft onto water pump shaft by hand. The shaft has an 8mm hex on the end for removal or for holding when tightening flange nut No. 5801-3. Lubricate outer threads of shaft No. 5801-2.
6. To install inner seal, lubricate the outer diameter of seal and install up to seal bore over No. 5801-2 shaft followed by No. 5801-1 seal driver with small end toward seal. Thread nut No. 5801-3 onto shaft No. 5801-2 by hand.
7. Be certain seal is straight and tighten nut No. 5801-3 while holding shaft from rotating with an 8mm wrench until seal is seated into inner seal bore.
8. To install water pump seal, lubricate outer diameter of new seal assembly and slide new seal over No. 5801-2 shaft up to water pump seal bore. Slide JIMS No. 5801-1 seal driver over shaft with large end toward water pump seal. Thread nut No. 5801-3 onto shaft by hand.
9. When seal is straight, tighten nut No. 5801-3 with 18mm wrench while holding shaft from rotating with an 8mm wrench until seal is seated into its bore.
10. Reverse removal procedures to reassemble motorcycle following service manual.
11. Fill and bleed cooling system. Check level and fill as necessary following service manual.
12. Fill motor oil and check level hot following service manual. Add oil as necessary. Do not overfill.
13. Run engine and check for leaks at drain plugs, cooling system connections, and stator cover gasket.



PARTS AVAILABLE SEPARATELY			
NO.	QTY	DESCRIPTION	PART NO.
1	1	SEAL DRIVER	5801-1
2	1	SHAFT, WATER PUMP SEAL TOOL	5801-2
3	1	FLANGE NUT, 12MMX1.75	5801-3
4	1	INSTRUCTION SHEET	5801-IS

Performance Parts For Harley-Davidson Motorcycles