A Division of Thiessen Products, Inc.

# Instruction Sheet For Tool #5812



JIMS® No. **5812** Alternator Rotor Removal & Installation Tool is designed to remove and install the alternator rotor on Milwaukee Eight® engines.

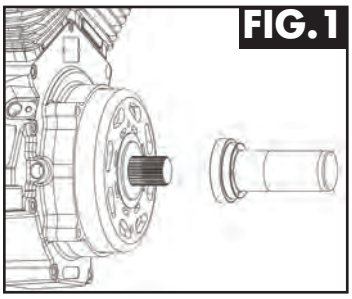
**Note:** Always wear safety glasses or other face and eye protection such as a full face shield. JIMS is not responsible for damage, injury, or your work. JIMS cannot be held liable for the quality and safety of your work.

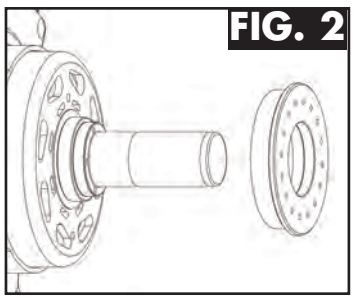
**Caution:** Handling Neodymium magnets can be dangerous. Use care to prevent getting fingers pinched between the tool and alternator rotor surface. Use caution with this tool near any metal objects. Store tool properly. Never let tool get over 180 degrees Fahrenheit or magnet degradation will occur. Keep at least one foot away from any magnetic data storage devices.

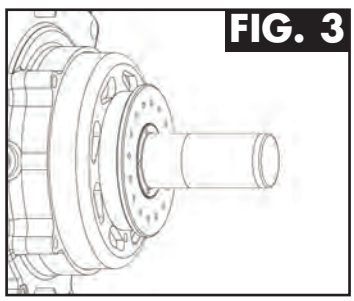
**Instructions**

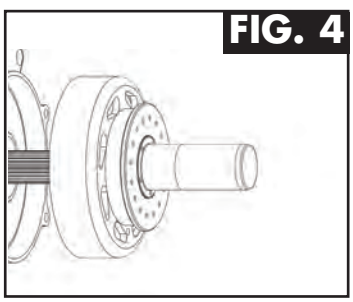
1. Remove compensator and primary chain/clutch assembly following Harley-Davidson Service Manual.
2. Place **5812-1** Handle gently over the crankshaft until it contacts the rotor Figure 1. Place **5812-2** Ring over the handle until it contacts the rotor Figure 2. Do not let the tools crash into the rotor, use resistance to guide the tools over and gently set them against the rotor Figure 3.
3. Pull on No. **5812** Alternator Rotor Removal & Installation Tool with both hands to remove alternator rotor from stator assembly Figure 4. Outer ring must remain flush, with the inner ring and be fully seated.
4. To install alternator rotor, hold No. **5812** Alternator Rotor Removal & Installation Tool securely and with both hands while guiding rotor over sprocket shaft and stator. Let rotor and tool move as slowly as possible until rotor is in place. Use resistance to ease rotor into place, do not let rotor crash into case or rotor as damage to the stator or rotor magnets may occur.
5. Reassemble primary chain/clutch and compensator assembly following H-D Service Manual.

Check out a tool instruction video on JIMS You Tube page @:
https://www.youtube.com/channel/UCbD_QxUn1pbjaHkFRvy2GBw






555 Dawson Drive, Camarillo, CA 93012 Phone 805-482-6913 • Fax 805-482-9224
Visit us on the web at WWW.JIMSUSA.COM / Check out JIMS YouTube Channel!!