



A Division of Thiessen Products, Inc.

**INSTRUCTION SHEET FOR TOOL NO.1665 & 1666**

**SPORTSTER AND BUELL® CRANKSHAFT LOCKING TOOL**

**NO.1665 USE ON SPORTSTERS 2000 TO PRESENT & BUELL 2000-2010 (EXCEPT 1125R)**

**NO.1666 USE ON SPORTSTERS & BUELLS® 1991 TO 1999**

**Note:** Please read all instructions completely and thoroughly before performing any work.  
**Caution:** Always wear proper eye protection. Disconnect battery ground cable at the battery.

Refer to Harley-Davidson® or Buell® Service Manual for specifications of the year and model you will be performing work on.

**Instructions:**

1. Refer to the H-D® or Buell® Service Manual to perform pinion gear removal or installation.
- 2A. For Sportsters, locate teeth on tool with pinion gear by mounting tool to cam cover gasket surface on the case with two 1/4-20 x 1/2" screws as shown in figure 1. Side A should be facing you when installed on case.
- 2B. For Buells, follow 2A (above) except for 2003 to 2010. Side B should be facing you when installed on case as shown in figure 1.
3. Now you can take pinion nut on or off with socket wrench or hand wrench. Refer to H-D® or Buell® service manual for torque specs. **Note:** Do not use impact wrench.

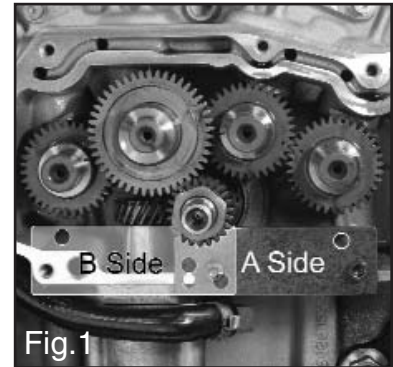
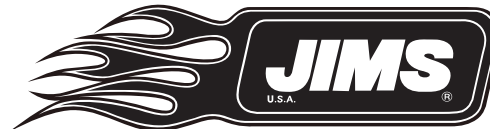


Fig. 1

**CAUTION: WEAR SAFETY GLASSES. EXCESSIVE FORCE MAY DAMAGE PARTS AND TOOL.**

*"From the Track... To the Street!"*

555 DAWSON DRIVE, CAMARILLO, CA 93012 PHONE 805-482-6913 • FAX 805-482-9224



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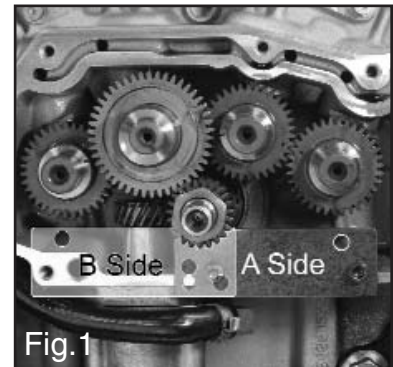


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