



A Division of Thiessen Products, Inc.

INSTRUCTION SHEET FOR TOOL No.1667

V-ROD CLUTCH HUB HOLDER

USE ON ALL 2002-2007 V-ROD

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 Service Manual for specifications of the year and model you will be performing work on.

Removal:

Follow H-D Service Manual for initial disassembly of retaining rings, lifter guide, etc.

1. Install Clutch Hub Holder No. **1667**. **Note:** Clutch hub holder can be installed in one position only. There is a dowel pin **Fig. 1** used to align the crankcase cover, use this to align the clutch hub holder. You may have to rotate the engine slightly to get clutch hub holder to align properly.

Caution: Engine rotates in a counter-clockwise direction when viewed from left side of bike. **DO NOT** rotate engine in a clockwise direction or engine damage may occur.

2. Remove clutch hub nut. **Fig. 2**. Loctite is used to help secure clutch hub nut. Heat may be required to break down the Loctite to loosen nut. Be cautious when applying heat to the clutch hub nut, as excessive heat will damage pressure plate springs. If necessary an impact wrench may be used to loosen nut only (Not for installing). See service manual.
3. Discard nut.
4. Remove clutch assembly.
5. Note the position of the thrust washer behind the clutch basket, **Fig. 3**.
6. Remove Clutch Hub Holder.
7. Follow H-D Service Manual for marking clutch basket for assembly.

Follow H-D Service Manual for cleaning and inspection of clutch assembly.

Installation:

Follow H-D Service Manual for assembly and installation of clutch.

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2. Obtain a NEW clutch hub nut H-D No.8008M. Install clutch hub nut and torque to 220Nm (162 ft/lbs.)

Follow H-D Service Manual for final assembly of retaining rings, lifter guide, etc.

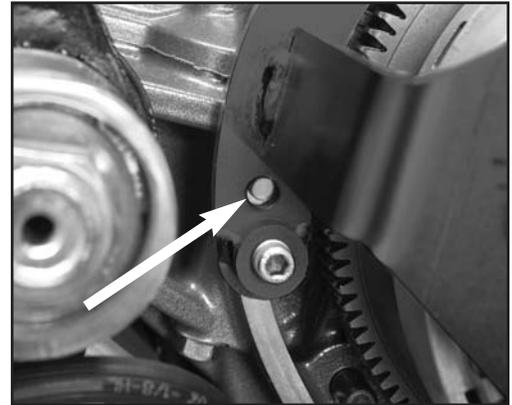


Fig.1

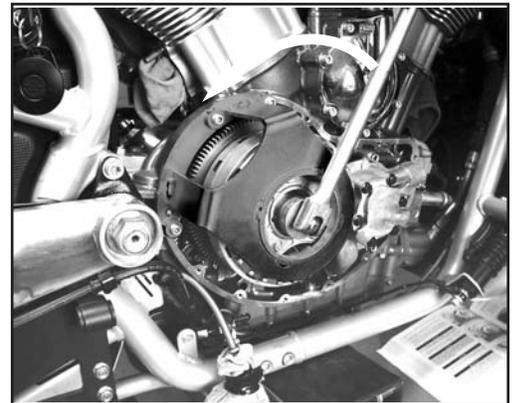


Fig.2

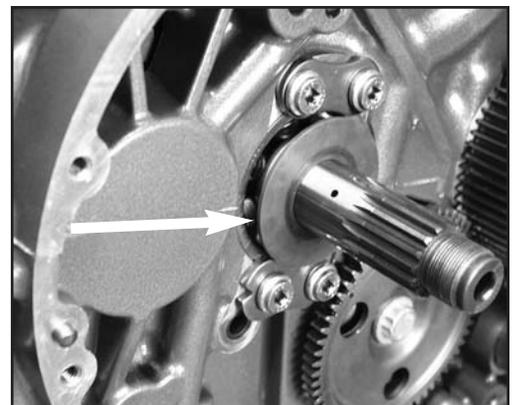


Fig.3

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

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