



INNER PRIMARY BEARING UPGRADE KIT

Thinking of running an open primary system, or looking for added durability in your high output engine? JIMS now has a new double row ball bearing with seal and retaining ring kit. Remove stock primary bearing with JIMS Tool No. 967 and remove bearing race from main shaft with JIMS Tool No. 34902-84. For more details see No. 8960-IS instructions.

No. 8960 - Use on 1990 to 2006 FLH & FXST, and on 1990 to 2005 Dyna models or any 5 or aftermarket 6-speeds using H-D bearing No.9135 (capatiable with Bandit clutch kits).

No. 8961 - Seal for No.8960 kit above.



SPLIT NEEDLE BEARING

Mainshaft - Countershaft bearing, 4 used per transmission - **Sold Individually.**

No.8876A - Use on all Big Twin 5-Speeds, or aftermarket 6-Speeds, 1980-2006.



LATE 4-SPEED BIG TWIN AND SPORTSTER® COUNTERSHAFT BEARING

American made by Torrington. For the best results install bearing with JIMS Countershaft Bearing Tool No.34733-77.

No.35961-52 - Use on Big Twin Late 1977-84, 2 per transmission. Use on Sportster® 1954-1984, 2 per trans. Use on Sportster® 1985-1990, 3 per trans. Use on Buell 1987-90, 3 per transmission.



LATE 4-SPEED BIG TWIN MAIN DRIVE GEAR BEARING

American made by Torrington. For the best results install bearing with JIMS Transmission Main Drive Gear Bearing Tool No.33428-78.

No.8905 - Use on Big Twin Late 1977-81.



CLOSED END SPORTSTER® COUNTERSHAFT CASE BEARING

American made by Torrington.

No.35960-54 - Use on Sportster® and K models 1954-90. Use on Buell 1987-90.



CLUTCH RELEASE BEARING KIT

Kit comes with U.S.A. made bearing. Since this kit is made to JIMS® high standards, it ensures proper clutch operation. Replaces H-D® No.'s 37312-75, 37313-80 and 11096.

No.2226 - Use on Big Twin 1975-present 4, 5, and 6-Speed transmissions. Includes Twin Cam® Cruise Drive A and B motors.



COUNTERSHAFT BEARING

Countershaft end bearing - Primary side.

No.8977 - Use on Big Twin EVO 1980-1999. Use on 5-Speed Twin Cam® 1999-2006. Use on Sportster® 1991-2005. Use on Buell® 1991-2005.

INNER & OUTER PRIMARY COVER TOOLS

INNER PRIMARY BEARING AND SEAL REMOVAL / INSTALLATION KIT

When it comes to servicing the inner primary bearing and seal, do it the JIMS way. This American made tool has a lifetime warranty and drives the bearing and seal perpendicular to the case without an arbor press. JIMS has been manufacturing the No. 967 Inner Primary Bearing and Seal Removal / Installation kit for over 6 years.

We have taken its proven design and added 2 new drivers to work on 2006 Dyna® and all 2007 to present Big Twin models. This tool easily removes and installs the inner primary roller bearing and installs the seal and bearing to factory specified depths. Now you can purchase kit No. 729 to work on all Big Twins from 1985 to present; or if you have a JIMS No. 967 kit, you can upgrade it by purchasing the two late model drivers. *For more details see No. 729-IS instructions.*

No. 729 - Use on all 1985-present Big Twin Models.

STARTER JACKSHAFT SEAL INSTALLER TOOL

This tool is designed to easily align and install the starter jackshaft seal (H-D® No.12066) without distorting or damaging the seal. This seal is located in the upper part of the inner primary of Big Twins. *For more details see No.966-IS instructions.*



No.966 - Use on all Big Twins 1994-06 except 06' Dyna.

PARTS AVAILABLE SEPARATELY

NO.	QTY.	DESCRIPTION	PART NO.
1	1	SEAL REMOVER	966-1
2	1	SEAL INSTALLER	966-2
3	1	BACKING PLATE	966-3
4	1	ALLEN SCREW, 3/8"-16 X 2	1696
5	2	WASHER, 3/8" SAE	2031
6	1	NUT, 3/8"-16	2035
7	1	INSTRUCTION SHEET	966-IS

SHIFT PEDAL SHAFT BUSHING TOOL

The gear shift foot lever / pedal bushings on 5 & 6 speed Harley-Davidson® touring models often have a typical service life of 20,000 miles or less. Bushing wear results in an annoying rattle from the loose shifter, the linkage parts and accelerated wear of all related parts. JIMS® has tackled this problem with another one of Hiro's new time saving tools that easily removes both worn bushings at the same time and quickly installs the new bushings to the proper location without removing the inner primary! Using this tool, a technician can remove and install the bushings in approximately 20 minutes.

No. 5518 - Use on all 1985-2016 Big Twin FLT. (Rubber Mount Touring Models)



OUTER PRIMARY COVER STARTER SHAFT BEARING REMOVER TOOL

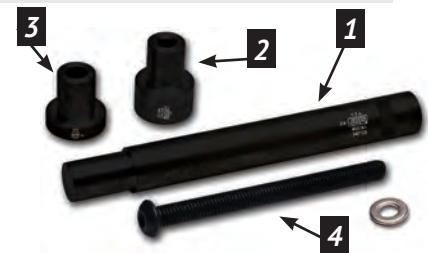
Bearing can easily be removed, even if cover has been chromed with bearing installed. *For more details see No.2235-IS instructions. Note: This tool will also remove the H-D® 35961-52 bearing in countershaft gear (late) 4 speed Big Twin, as well as 4-speed Sportster® clutch gear.*



No.2235 - Use on all Big Twin, Sportster®, and covers that use bearing No.9063.

PARTS AVAILABLE SEPARATELY

NO.	QTY.	DESCRIPTION	PART NO.
1	1	PIN	95670-TB-1
2	1	NUT	1098
3	1	BRASS WASHER	1099
4	1	BODY	2235-4
5	1	PULLER	2235-5
6	1	INSTRUCTION SHEET	2235-IS



PARTS AVAILABLE SEPARATELY

NO.	QTY.	DESCRIPTION	PART NO.
1	1	REMOVER, SHIFTER SHAFT BUSHING	5518-1
2	1	INSTALLER NUT, SHIFTER SHAFT BUSHING	5518-2
3	1	INSTALLER, SHIFTER SHAFT BUSHING	5518-3
4	1	SCREW, 5/16-18X4" BHCS, FULL THREADS	5518-4
5	1	INSTRUCTION SHEET	5518-IS