

INSTALLATION FOR EVO-8S OR EVO-8S-2"



Starter must be loosened from inner primary from opposite side of bike before removing inner primary



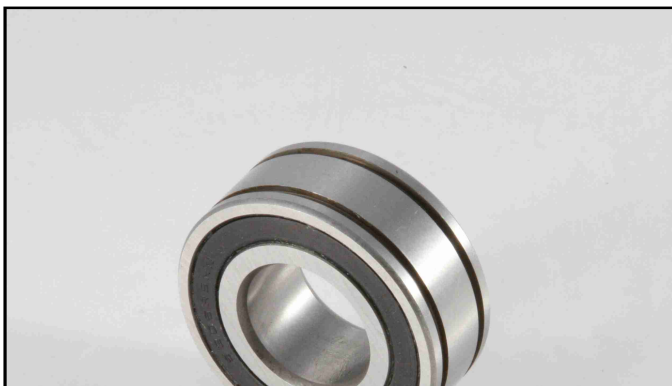
Drain primary and remove inner and outer primary.



Be sure that stock spacer with seal is re-installed. Note the locating pins in spacer.



Remove stock bushing from mainshaft

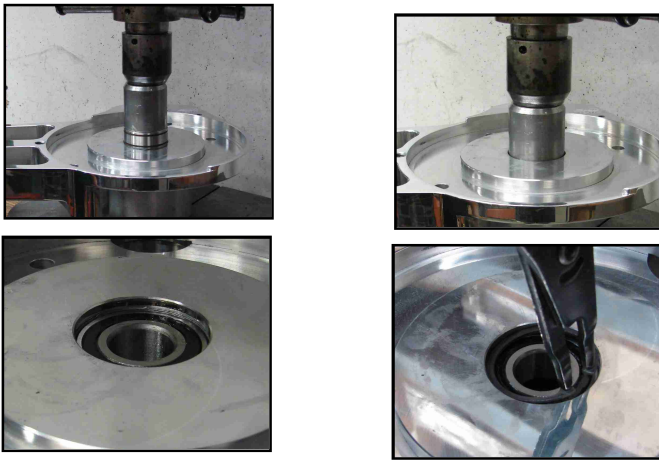


The bearing pictured above is used for 2008-Up Big Twin mainshaft and must be pressed into the motorplate. Note that this bearing has 2 grooves on the outside diameter for easy identification. Part # MPB-2008



The bearing pictured above is used for 2007 models and must be pressed into the motorplate. Part # MPB-100

IT IS THE INSTALLERS RESPONSIBILITY TO INSTALL THE PROPER BEARING FOR THE CORRECT YEAR MODEL MAINSHAFT



**Bearing must be pressed in using a hydraulic press similar to what is shown here to assure proper fitment.
After bearing is installed, install C-Clip (#CC-193)**



Install motorplate using the 5ea 5/16-18 x 1-1/2 shoulder bolts and 4ea 1/4-20 x 1-1/2 shoulder bolts supplied with kit.



Install both pulleys and belt to check for fitment.



Apply red Loctite® to spline area of mainshaft



Apply red Loctite® to spline area on the inside of splined clutch hub from back side of clutch basket.



Install clutch basket assembly onto mainshaft.



Install front pulley and belt, be sure that the writing on belt is facing you.



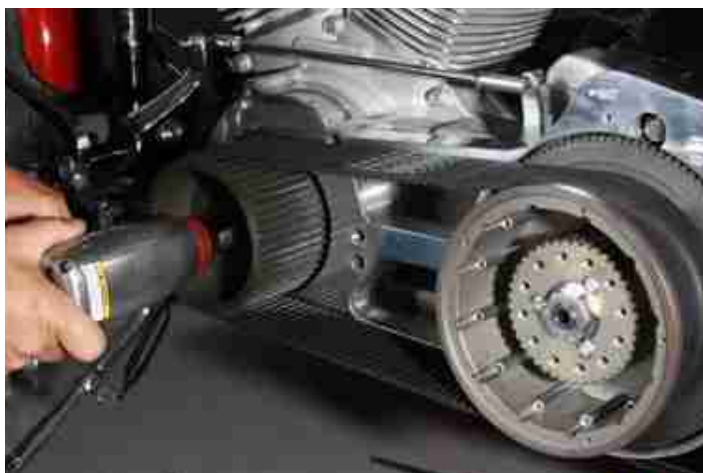
Be sure belt and pulleys are seated properly.



Install stock engine shaft bolt.



Install clutch hub nut supplied with kit, left hand thread.



Using an impact, tighten engine nut and torque to Harley specs.



Tighten clutch hub nut and torque to Harley specs.



**Install thick steel first, (.120" thick)
As shown in the enclosed DVD**



**Install clutch fiber, then alternate steel and fiber
ending with a steel behind the pressure plate.
As shown in the enclosed DVD**



Completed clutch pack installation.



**Install ball bearing lock up as shown on the last page
of this guide, and in the enclosed DVD.**



**Install clutch adjusting screw, adjust clutch and
tighten jam nut.
As shown in the enclosed DVD.**



**Install 2 ea 1/2-13 x 1-1/2 set screws into standoff. Be
sure that the shoulder on the rear standoff, faces the
motorplate.**



Standoffs shown installed into motorplate.



Install starter housing using the 2ea 1/4-20 x 1/2 SH BH cap screws.



Re-tighten starter to motorplate from opposite side of bike.



Install rear pulley cover.



Install side guard using the 2 ea 1/2-13 x 1 SH BH cap screws.

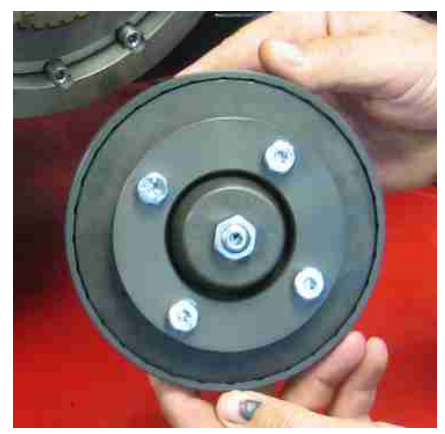
IMPORTANT NOTE: It is advisable to allow the red Loctite® to cure over night prior to starting the bike. By not allowing the Loctite® to cure, the bond between the Loctite® and the splined mainshaft will not properly bond thus a possibility that the spines on the clutch hub will strip out.



BPP-100 BDL pressure plate with 32 - 3/8" chromium steel ball bearings and special adjustment screw and nut.



Place BDL diaphragm over ball bearings on pressure plate.



Place BDL retainer over diaphragm and insert shoulder bolts.



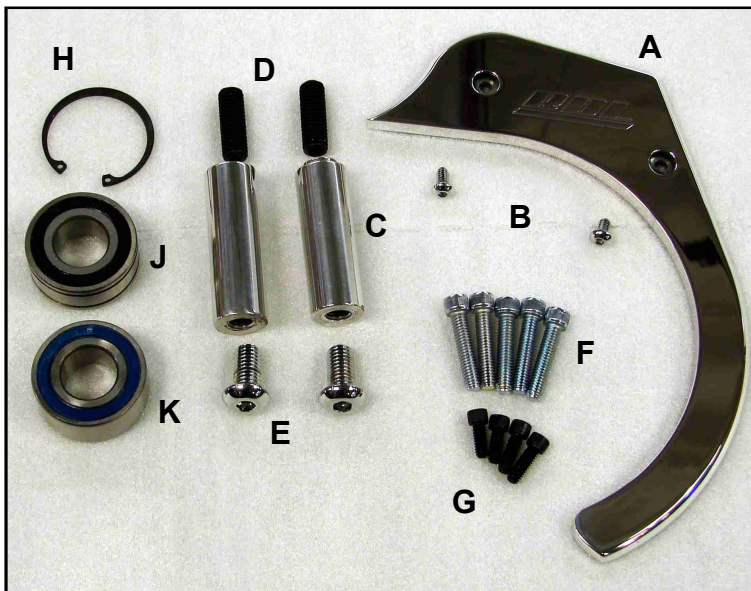
Holding assembly with pressure against the diaphragm so that the ball bearings are secured, place assembly on to clutch basket.



While firmly holding assembly on clutch basket, locate holes in the clutch hub and screw the shoulder bolts in.



Tighten shoulder bolts down to approx. 25 TO 30 foot pounds.



- A-EV8-SGG -Starter Housing Guard**
- B-1/4-20 x 1/2 SH BH Cap screw (2)**
- C-EV8-SO Stand offs (pair)**
- D-1/2-13 x 1-1/2 Cup point set screw (2)**
- E-1/2-13 x 1 SH BH Cap screw (2)**
- F-5/16-18 x 1-1/2 SH Cap screw (5)**
- G-1/4-20 x 1-1/4 SH Cap screw (4)**
- H-CC-193 C-Clip**
- J-MPB-2008 Sealed bearing for 2008-2009**
- K-MPB-9 Sealed bearing for 1990-2006**
- Not Shown 5 ea 10-24 x 1/4 SH BH cap screws for rear pulley dome cover**