

BELT DRIVES LTD.
5500 E. LA PALMA AVE.
ANAHEIM, CA. 92807
714-693-1313
EXT. #227 or EXT. #232 FOR TECHNICAL SUPPORT

BPP-600-HYD-CK
INSTALLATION INSTRUCTIONS

FOR USE WITH BDL BELT DRIVES ONLY

"READ ENTIRE INSTRUCTIONS BEFORE YOU PERFORM WORK"
secure motorcycle so you can safely perform procedures

Installation of this pressure plate is a very easy task. Depending upon your year and model of motorcycle most or all work can be done from the "LEFT" clutch side of the motorcycle. On 2014 Touring models with hydraulic clutch you do not need to replace center clutch push rod OEM part # 37092-06 this OEM push rod works with our BDL. part # HCA-100 "left side hydraulic rod end"

Motorcycles 2015-up will need to replace the center push rod OEM # 37000218 and OEM release rod part # 37000217 with BDL part # CPR-100, "Clutch push rod" and "Hydraulic clutch adjuster" part # HCA-100, which are included in this kit. This is a fixed length adjuster "Rod End", There is no adjustment for this part with OEM and many newer aftermarket hydraulic clutch side covers.



BDL, Part # CPR-100, Not shown in this picture. Note the dual o-rings on the HCA-100 adjuster, This is what seals the internal bore of mainshaft from oil transfer into the clutch pack.

Continue to next page.

BPP-600-HYD-CK
INSTALLATION INSTRUCTIONS

Continued

"READ ENTIRE INSTRUCTIONS BEFORE YOU PERFORM WORK"
secure motorcycle so you can safely perform procedures

Step # 1. Remove belt drive side cover and the dome cover from the rear basket to expose current pressure plate.

Step # 2. Place a catch pan under pressure plate if it is a ball bearing pressure plate. Remove the shoulder bolts that affix the current pressure plate to the clutch hub. Be careful of the (32) 3/8" ball bearings if you have a BDL BPP Pressure plate. Let them fall into catch pan.

Step # 3. Remove current pressure plate, Current adjuster should come off with pressure plate if retaining ring on adjuster is still attached. NOTE* If you have a threaded adjuster in pressure plate this may not be the right kit for your motorcycle.

Step # 4. If motorcycle is 2015 -UP, Model, Use a telescoping magnet to remove center clutch push rod from bore of transmission mainshaft. This OEM Part # 37000218, center push rod is 15.235" long, You will replace it with BDL's Part # CPR-100 which is 13.820" long. You will also not use OEM Part # 37000217 release rod. Lube new CPR-100 center clutch push rod with current trans fluid and Insert into center of transmission mainshaft.

Step # 5. Apply blue thread locker into 6 of the clutch hub holes in a pattern that matches the pressure plate bolt pattern "every other hole".

Step # 6. Insert HCA-100 hydraulic clutch adjuster into the TOB-100, throw out bearing from the back side of pressure plate, Install retaining ring on adjuster. Lube both o-rings and adjuster dimple for clutch push rod with trans fluid.

Step # 7. Install all (32) 3/8" ball bearings into the (32) pressure plate pockets, You can install bearings one at a time or cup all ball bearings in one hand and hold pressure plate with other hand and rotate pressure plate in cupped bearings until all pockets are filled. Install DES-600 diaphragm spring over ball bearings and align notches in spring with bolt holes in pressure plate, Insert DSC-600 diaphragm collar over the diaphragm spring, Also aligning the bolt holes.

Step # 8. Insert the (6) ESB-750 shoulder bolts into the diaphragm spring collar and down through the pressure plate, While applying pressure onto all pressure plate components, Install pressure plate, adjuster & screws into the clutch. Tighten up shoulder bolts in an equal pattern to a 12 - 14 FT.LBS. final torque.

Step # 9. Pump up the hydraulic clutch lever several times to seat push rod and adjuster.

Step # 10. Reinstall any covers that you removed for installation. Recheck all hardware and components to verify all are installed correctly and all are tightened to specifications