



DPP-100 INSTALLATION INSTRUCTIONS

This kit is for installation on Belt Drives Ltd. Belt drive clutch hubs, except Top Fuel

Kit includes:

1. DPP-100 Pressure Plate.
 1. DES-100 Diaphragm spring "black in color".
 1. DCS-100 Spring collar
 4. ESB-1000 1" shoulder bolts.
 4. 3/8" AN washers
-
1. Remove old pressure plate assembly.
 2. Apply blue thread locker to a (4) hole pattern in the BDL clutch hub matching that of the (4) hole pattern of the DPP-100.
 3. Install supplied clutch adjusting screw with (2) O-rings, into pressure plate from the backside so as not to damage O-rings, Loosely install jam nut onto threads of adjusting screw.

4. First install new diaphragm spring, Then spring collar "tapered side facing spring" onto the face of the DPP-100 pressure plate, lubricate cupped pocket and O-rings, in clutch side of adjusting screw with gear oil or assembly lube and place into position.

5. Install the (4) 1" long shoulder bolts, *Note 1" shoulder bolts are measured from under the head of bolt to the end of the smooth shoulder" and torque to 12-14 FT.LBS. The shoulder bolt will bottom out on the clutch hub, do not over torque, **Do not loosen shoulder bolts to ease the pull of the clutch lever, this can / will cause clutch failure and possible injury.**

6. Adjust clutch and lever free play as normal.

7. If you would like to increase the pressure of the pressure plate, Then remove the (4) shoulder bolts (1) at a time and place (1) of the AN washers under each of the (4) shoulder bolt heads, Clean off all old thread locker and apply new blue thread locker and retighten the shoulder bolts to the 12-14 FT.LB. torque spec.

By installing the (4) 3/8" AN washers under the heads of the (4) 1" shoulder bolts, The clutch pack and lever pull are going to be affected by creating more pressure "force" to the diaphragm spring and clutch pack, This can / will cause a little harder clutch lever pull along with a minimal decrease in the travel of clutch lever and pressure plate.

If you have a larger engine or a modified engine and you would like more power to the clutch,

You can purchase our DES-200 "copper colored " Diaphragm spring which is 30 % stronger than our DES-100 "black in color" diaphragm spring, Installation of this spring will increase the clutch lever pull and pressure to the clutch pack, but will not decrease the travel of either clutch lever or pressure plate.

