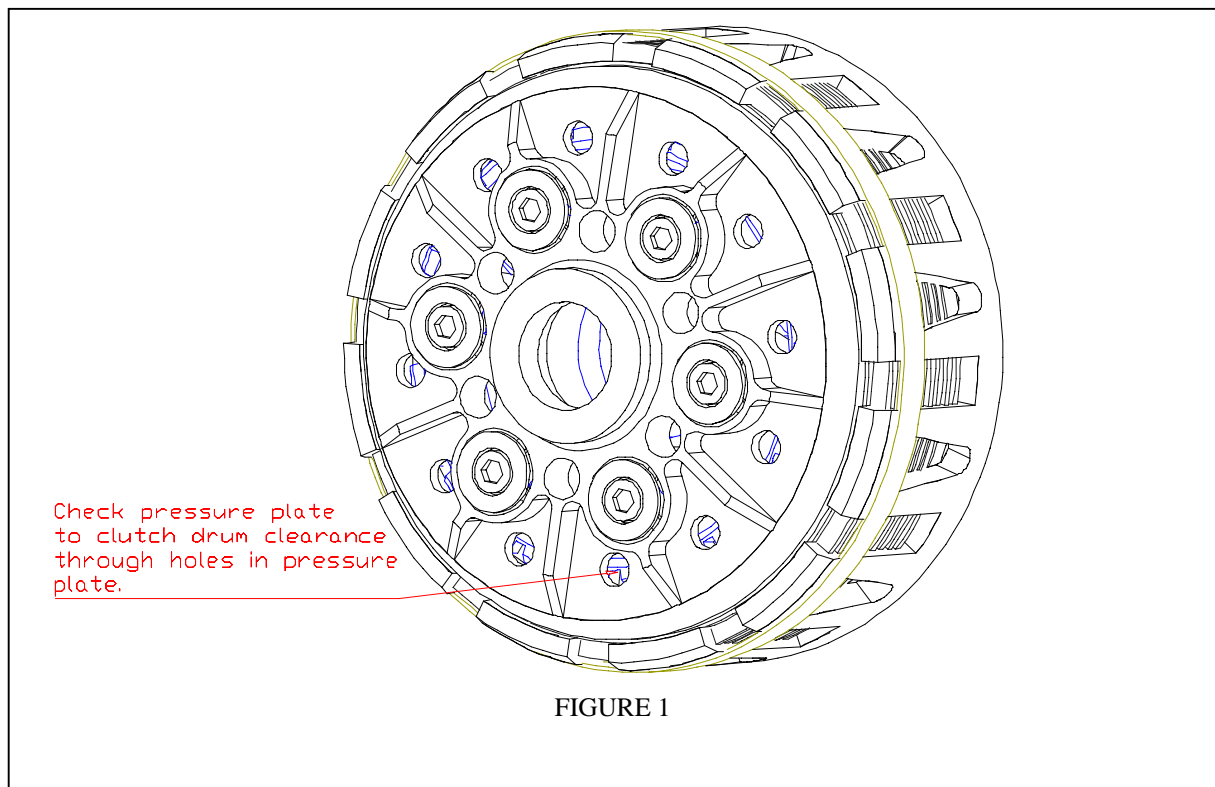


Fast by Ferracci Inc
1901 Davisville Rd
Willow Grove PA 19090
Tel (215) 657 1276

Adjusting the clearance in your slippery clutch:

In order for correct operation of the slipper clutch the clearance between the pressure plate and clutch drum must be 2mm. The clearance is measured using the end of a caliper as a depth gage.

The first step is to determine the thickness of the pressure plate. The measurement is taken through one of the access holes seen in figure 1. Assemble the clutch with no clutch plates, the pressure plate should be resting on the clutch drum. Measure the depth shown in figure 2. This corresponds with a clearance of zero. Pressure plate measurements vary depending on the clutch design. Record the measurement taken and add 2mm to the depth. This will give you the total depth to the drum when the clutch is completely assembled and has the proper clearance.



Now assemble the clutch with the proper number of disks. Be sure to use a friction disk as the first disk inserted. The number of disks depends on the type of the disks used (thickness vary depending on disk type). With the clutch assembled again check the depth. It should be 2.0mm greater than the first measurement. Adjusting the clearance must be accomplished by changing either the number disks in the clutch or changing to disks of a different thickness. The steel disks (or driven disks) are available in different thickness. These should be used to adjust minor variances in clearance and to compensate for clutch ware.

If there is a large discrepancy in clearance check the following:
Too close, there are either too few clutch disks or the clutch is excessively worn.
Too far, there are too many clutch plates being used.

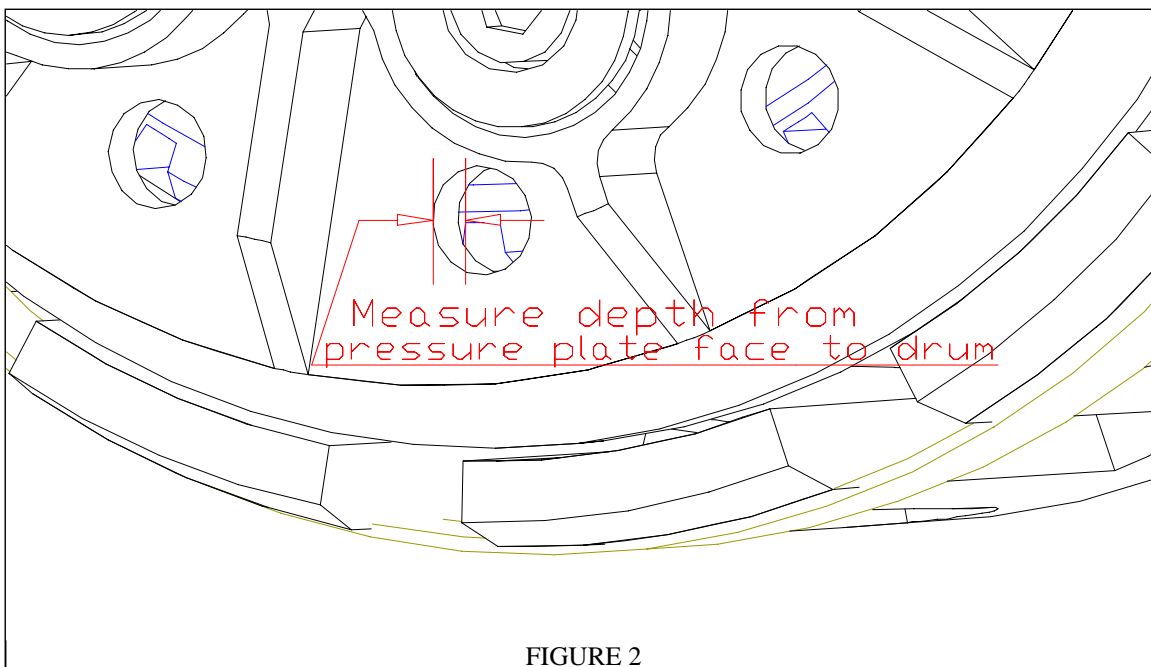


FIGURE 2