

IMPORTANT

CHEVROLET, PONTIAC, OLDSMOBILE & BUICK V-8 ENGINES WITH MECHANICAL CLUTCH LINKAGE

To help achieve proper mechanical clutch linkage geometry, you will need to measure your flywheel deck height (distance from the flywheel crankshaft flange surface to the clutch friction surface) as shown in FIG. 1. Aftermarket flywheel variances and/or flywheel resurfacing may have reduced your flywheel deck height from the Original Equipment (O.E.) flywheel measurement of 0.960".

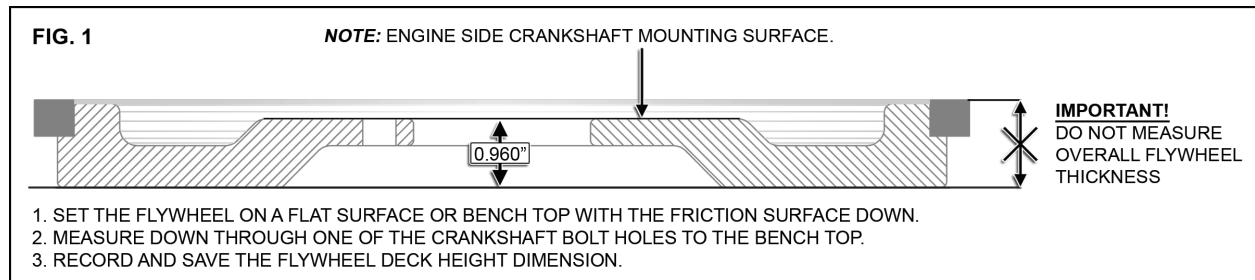


FIG 2 shows the O.E. clutch fork pivot ball height of 4.750" as measured from the engine block side of the Bellhousing plate (block saver) to the flat of the clutch fork pivot ball. If your flywheel deck height measures between 0.910" and 0.960", be sure your clutch fork pivot ball height is 4.750". If your flywheel deck height is less than 0.910" you will need to adjust the clutch fork pivot ball height to accommodate the thinner flywheel as follows:

Enter your flywheel Deck Height measurement here: _____ and SUBTRACT from 0.960" (O.E. standard flywheel deck height) = "Pivot ball adjustment distance".

Then: SUBTRACT "Pivot ball adjustment distance" from 4.750" (O.E. standard pivot ball height) to find the correct clutch fork pivot ball height.

EXAMPLE: a flywheel deck height of 0.850" SUBTRACT from 0.960" = 0.110"

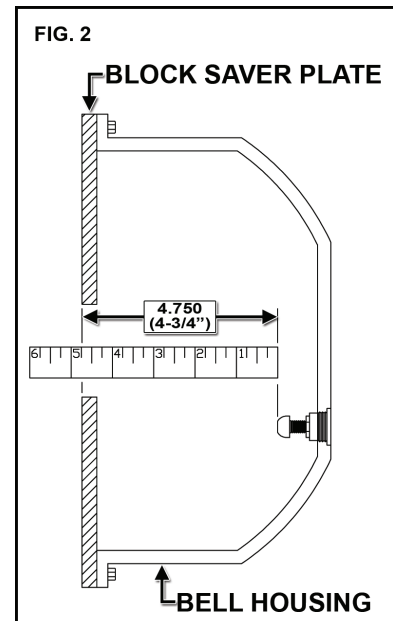
Use an aftermarket adjustable pivot ball to move the clutch fork pivot ball 0.110" CLOSER to the engine:

0.110" SUBTRACT from 4.750" = 4.640" (adjust the clutch fork pivot ball height to 4.640" in this example.)

These dimensions are for mechanical clutch release systems using Centerforce P/N: N1716 release (O.E. type) bearing. For use with other release bearings and/or if you have questions, please contact our Technical Department at: (928) 771-8422.

Notes:

- 1) If your flywheel deck height thickness is significantly below the O.E. specification, the clutch disc springs may contact the flywheel crankshaft bolts resulting in improper or failed clutch operation.
- 2) Centerforce DOES NOT recommend any shims/spacers or aftermarket balance plates to be used between the crankshaft and the flywheel.



PIVOT BALL REFERENCE INFORMATION

NON ADJUSTABLE
GENERAL MOTORS
P/N 3790556 LONG 1.680"
P/N 3729000 SHORT 1.380"

ADJUSTABLE PIVOT BALLS
LAKEWOOD P/N: 15501
MR GASKET P/N: 3855
McLEOD P/N: 16908

