

PM-134200 DIGITAL CLUTCH SPRING HEIGHT GAUGE INSTRUCTIONS

Thank you for your purchase of the Performance Digital Clutch Spring Height Gauge. The most precise way to accurately set spring height for desired RPM engagement. Includes plastic case and setting standard.

Instructions:

1. Turn gauge on with the on/off button.
2. Make sure the gauge is in inch mode, using the inch/mm button.
3. Hold gauge on top of the provided standard (the .090 Velocity side of the standard is for Velocity Clutches, the .040 side of the standard is for other common brand clutches).
Zero the gauge using the zero button.
4. Lower the gauge over each spring on your clutch, and adjust the spring retainer screw to the desired spring height. For velocity clutches, reference the chart below for recommendations. For other brands of clutches, contact the manufacturer for their recommendations.
5. Turn gauge off when done, to conserve battery life.

VELOCITY CLUTCH ENGAGEMENT CHART FOR CLONE ENGINE				
RESTRICTOR PLATE	WEIGHTS USED	SILVER SPRING TARGET RPM ENGAGEMENT	GOLD SPRING TARGET RPM ENGAGEMENT	SPRING HEIGHT
Red Plate	All	3600	3100	.280
Green Plate	All	3700	3200	.270
Purple Plate	All	3800	3300	.260
Blue Plate	All	3900	3400	.250
Unrestricted	All	4000	3500	.240

Note: The spring heights referenced above are starting setup numbers only, and will need to be adjusted for initial use and occasionally after the clutch "wears in". Spring height is measured from the top of the silver spring, to the top of the black lever plate. Generally, a 1/4 turn adjustment counterclockwise on all 6 springs, will make the clutch engage about 100 RPM lower, and conversley, a 1/4 turn adjustment clockwise makes the clutch engage about 100 RPM higher.

