

Connecting Rod Length Gauge (RLG-1)

BHJ's Connecting Rod Length Gauge allows quick and precise measurement of connecting rod length. The Dial Indicator is first set to zero using an application-specific Length Standard or a connecting rod with a qualified length. The connecting rod to be measured is placed on the fixture with its wrist pin installed. The wrist pin is then swept past the dial indicator and the rod is quickly measured as a plus or minus reading from the calibrated zero setting.



The Fixture accommodates automotive connecting rods with an approximate center-to-center distance of 5" to 8" and a big-end I.D. range of 2.100" to 2.750". A precision Dial Indicator and one application-specific Length Standard are included in the Kit (specify application when ordering). Additional Length Standards are also available for most connecting rods.

Optional Undersize Pins are also offered for use with press-fit type connecting rods. The Connecting Rod Length Gauge requires 100-psi minimum air pressure for operation.

Piston Ring Gauge (PRG-1)

BHJ's Piston Ring Gauge improves accuracy and greatly reduces the time required to set or check ring end-gaps. The Gauge is made to any specified bore size and holds the ring squarely and securely in place. The Ring Gauge may be mounted in a vise or used loose on a workbench.

Since bore distortion from a head or honing plate can extend 2" or more down into each cylinder, end gap must be measured at least 2" down the bore, or with a honing plate installed. This issue can be sidestepped by using the Piston Ring Gauge with the added bonus of preventing possible damage of your finished cylinder bore.



Each Gauge is accurately machined to size with an internal Step to square the piston ring and features a Relief that is added for clearance of a feeler gauge when taking gap measurements. The bore size is machined in the top surface of each Gauge for easy identification.