



## Valve Stem-Height Indicator (VT-1, VT-1A)

BHJ's Valve Stem-Height Indicators easily and precisely measure valve stem-height when grinding valves and seats. A precision Dial Indicator assembly is mounted on a transparent Mounting Tube made from bulletproof polycarbonate tubing. When combined with the large-diameter Indicator Foot, this feature increases the accuracy and speed with which the Indicator can read each valve stem.

Each Valve Stem-Height Indicator includes one 2" Calibration Standard and a List of common heads and their corresponding stem-heights.

The VT-1 Indicator has a spring seat range of 1.025" I.D. and 1.200" O.D. The VT-1A Indicator is a smaller unit made specifically for four-valve cylinder heads and has a spring seat range of .775" I.D. and .945" O.D. Additional Mounting Tubes are also available for both the VT-1 and VT-1A.



## Timing Set Length Gauge (TSG-1)



BHJ's Timing Set Length Gauge is a precision measuring fixture that eliminates the need to special order custom-length timing sets, or waste time with tedious trial-and-error methods of obtaining proper timing chain or belt fit.

The Gauge is simple to set-up and easy to operate. It is adjusted to the desired center-to-center distance using a micrometer and the provided Set-Up Pins, or an optional Set-Up Standard. The included Dial Indicator is then zeroed at the desired length.

To check length, timing sets are first installed onto the appropriate Mounting Plugs. Activating the Air Switch applies exactly 100 pounds of tension to the chain or belt, as specified by leading manufacturers. The timing set length is read as a plus or minus dimension from the desired length applied to the Dial Indicator.

The Gauge currently accepts timing sets with center-to-center distances ranging from 4.125" to 6.125" using the appropriate Mounting Plugs.

The Timing Set Gauge includes a precision Dial Indicator, Set-Up Pins and one pair of Mounting Plugs for a specific engine application. Timing Set Gauges made specifically for engines using Jesel belt drives are also available (right). Additional Mounting Plugs and optional Set-Up Standards are available for all engines. The Timing Set Length Gauge requires 100-psi minimum air pressure for operation.



Valvetrain