



JB Racing Information Sheet Performance Valve Springs and Titanium Retainers for BMW M50 / M52 Engines

Installation Information

- These parts are engineered to work together and should not be interchanged with other components on the market.
- These valve springs and retainers are designed as a kit to fit the stock M50 or M52 head and cam followers without any modifications to either component.
- The kit is also designed for use in Hi Performance street engines as well as engines with racing cams installed.
- The springs will fit the stock OEM valve spring locating cups. Locator cups MUST BE used to prevent damage to the cylinder head.
- Retainers are designed to be used with 6mm stem valves and stock OEM valve stem locks.
- This kit will work with either hydraulic or solid cam followers.
- All standard valve spring set up and clearance checking MUST be preformed to insure proper functioning of this product. General specification guidelines are as follows:

Closed pressure @ Installed Height*

65 lbs. @	38mm
80 lbs. @	37mm
90 lbs. @	36mm

Open pressure at 10mm Lift*

160 lbs. @	28mm
170 lbs. @	27mm
180 lbs. @	26mm

*Note– above pressures are nominal values intended to provide a guideline for proper installation. Actual measured values may vary slightly due to instrument calibration and/or other uncontrollable variables. All clearances must be checked during installation and are the responsibility of the engine builder.