







manufacturer	check valve spring	check valve seat	oil metering valve	push rod seat
STANADYNE	 Conical check valve spring	 Flat check valve seat	 Metering valve with stamped "C"	 With shoulder
TOPLINE-Hylift - JOHNSON	 Coil check valve spring	 Flat check valve seat	 Metering valve with four holes	 Without shoulder
EATON	 Coil check valve spring	 Ball check valve seat	No metering valve	 Without shoulder
DELPHI	 Coil check valve spring	 Ball check valve seat	 Metering valve with one hole	 With shoulder

There are only a few domestic manufacturers of hydraulic lifters in the market today. A hydraulic lifter is considered to be one of the most precision machined components in the engine. Some have tolerances in the millionths. Hydraulic lifters are engineered for varying levels of performance, however, the standard to which these components are machined must be exact or the part will fail.