

# Hydraulic Valve Lifters

Hydraulic valve lifters are used in internal combustion engines to maintain zero valve lash. They automatically compensate for thermal expansion and wear in the valve train.



## Product Overview

### Engine Performance Optimization

Hydraulic valve lifters, often referred to as hydraulic tappets or lash adjusters, are critical components in internal combustion engines designed to maintain zero valve lash. By automatically compensating for thermal expansion and mechanical wear within the valve train, these units ensure consistent valve operation and optimal engine timing. Their precise cylindrical design and internal hydraulic mechanism effectively reduce engine noise while promoting smoother, more reliable performance under varying operating conditions.

## Technical Details

### Design Features

- Cylindrical body shape
- Internal hydraulic adjustment mechanism
- Automatic clearance compensation

Component Type	Hydraulic Valve Lifter / Tappet
Primary Function	Zero Valve Lash, Thermal Expansion Compensation, Wear Adjustment, Noise Reduction