



Chrysler 5.7L HEMI Engines

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Bringing More Value to You and Your Customers!

- 100% installation of the latest design, Hellcat-style, roller bearing assemblies for maximum lifter durability and longevity.
- Early-style heads receive NEW updated valve seats which are press-fit to tighter specifications to ensure seat retention.
- Block and head surface finishes are machined to a 50-150 Rz finish to prevent external leaks.
- MLS (Multi-Layered Steel) head gaskets ensure superior protection against gasket leakage. Our MLS gasket is also more robust to maintain correct compression ratio.

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For the best possible cylinder wall geometry, JASPER torque-plate hones all Chrysler 5.7L Hemi blocks to ensure the bore is consistent from top to bottom.



JASPER upgrades the Chrysler 5.7L Hemi with improved parts such as nitrided valves, JASPER designed pistons with more robust piston rings and updated press-fit valve seats for early-style heads.



JASPER Engines undergo Live-Run Testing using state-of-the-art Data Acquisition to check compression, vacuum and oil pressure for your assurance of reliability.

- JASPER includes a stronger, more robust piston ring pack for greater durability, better heat resistance, and improved oil control as compared to OE.
- Torque-plate honing, provides cylinder wall geometry that matches the cylinder head as a complete running assembly, for improved ring sealing.
- Re-engineered JASPER piston design features:
 - Full-floating pin to reduce pin bore scuffing.
 - Twice the piston skirt (thrust area) for improved durability and reduced piston scuffing tendency.
 - · Graphite coated piston skirts help prevent piston scuffing and dry start-up.
 - Additional center skirt drainbacks provide 3X more oil return.
- Upgraded rear cam bearing, with larger oil hole for improved oiling.
- Nitrided valve upgrade improves heat resistance and reduces valve guide wear.
- To prevent bearing damage, crankshafts are machined and micro-polished to JASPER's exact and proven specifications for improved, more precise oil tolerances and longer bearing life.
- High-temperature fluoroelastomer polymer (FPM) rear seal is installed to prevent oil leaks.
- Live-Run Testing, with Data Acquisition and other assessments for your assurance of reliability includes:
 - Compression
 - Vacuum
 - Oil Pressure

3 Year / 100,000 Mile Nationwide Transferable Warranty

Full warranty disclosure available at www.jasperengines.com or upon request. Specifications subject to change without notice.





