GM V8 GEN III & IV ENGINE

4.8, 5.3, 5.7, 6.0, 6.2

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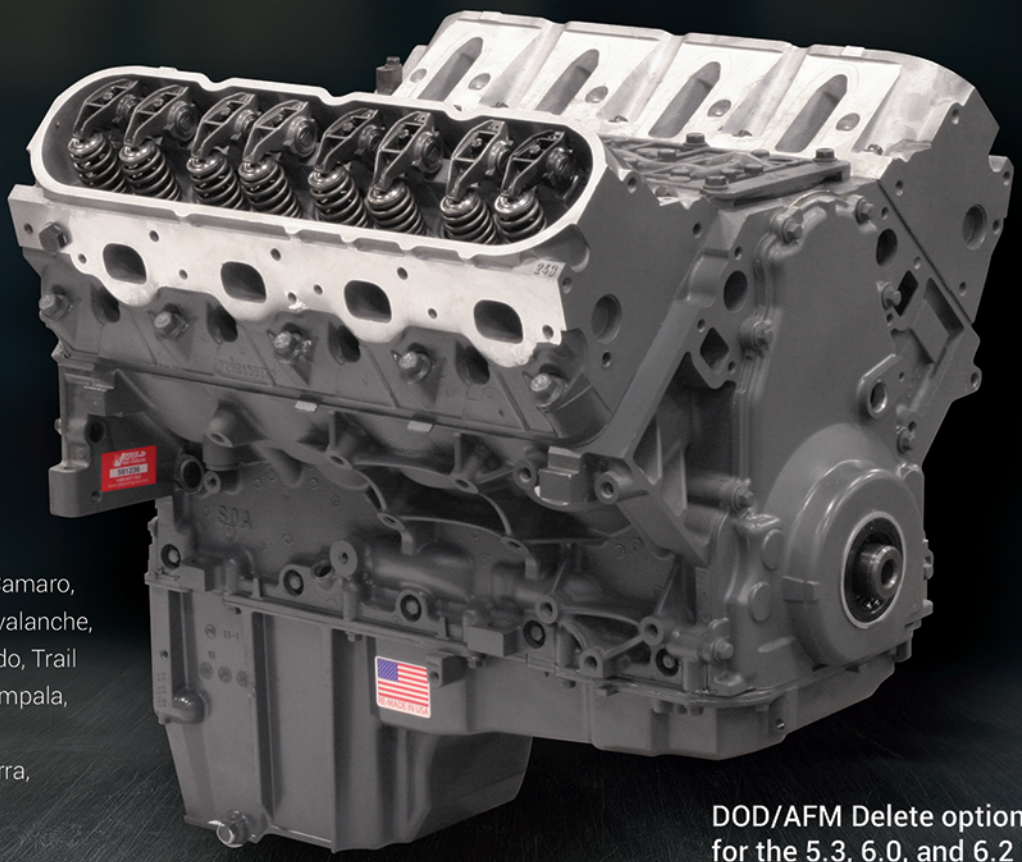

APPLICATIONS

Chevy: Corvette, Camaro, Express, Tahoe, Avalanche, Suburban, Silverado, Trail Blazer, Colorado, Impala, Monte Carlo, SSR
GMC: Savana, Sierra, Yukon, Envoy
Hummer: H2, H3
Cadillac: CTS
Buick: Rainier, LaCrosse
Pontiac: G8, Grand Prix

DOD/AFM Delete option is available for the 5.3, 6.0, and 6.2 Engines.

JASPER® ENGINES & TRANSMISSIONS
100% Associate Owned

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JASPER® UPDATES

Cylinder heads are 100% inspected for cracks. The head and head bolts are hydraulically clamped, which simulates head installation and allows cracked heads to be easily identified and discarded.

JASPER-designed pistons offer profiled ring lands for scuff resistance under load; increased strength to withstand higher combustion pressures; 4X more oil drain back to prevent the rings from sticking; and improved stability to reduce blow-by.

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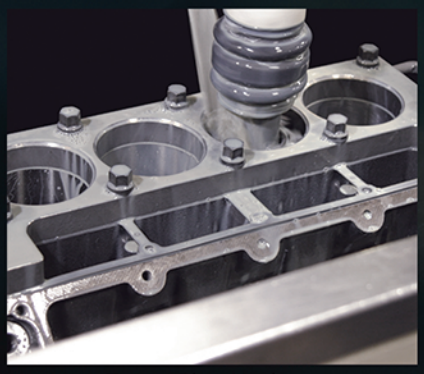
JASPER® UPDATES



Torque Plate Honing

Cylinder bores are honed with a steel torque plate that is torqued with ARP2000® bolts to simulate cylinder bore distortion, which occurs after head assembly, ensuring correct bore roundness for improved ring sealing.

100% use of graphite-coated pistons prevent scuffing and wear; using tighter piston-to-bore clearance, JASPER prevents "cold piston slap" and oil consumption.

100% installation of an oil pressure relief valve baffle on all 2007 and later applications to redirect oil to the pan.

100% installation of nitrided valves to improve durability and reduce friction.

Latest-design Active Fuel Management (AFM) lifters are installed to increase oil flow during start-up and to reduce lifter noise (2005 and later).



Oil Galley Plug

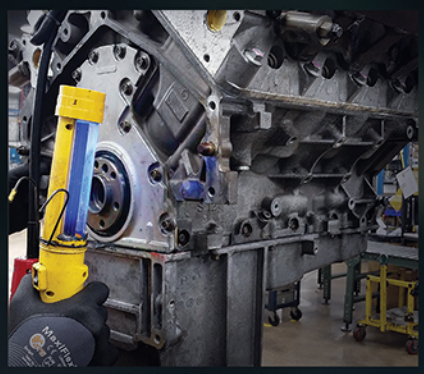
100% installation of the latest-design block oil galley plug to correct inconsistent oil flow and prevent low oil pressure.

Hydraulically installed cam bearings provide precise alignment, eliminating distortion of the bearings for improved oil flow and pressure.

JASPER-remanufactured oil pump includes a more rigid spring, tighter clearance for backing plate flatness, and is tested for increased oil pressure and flow.

Oil pump, oil pan, timing cover and rear cover are installed and NEW exhaust manifold bolts are included.

100% Live-Run Testing, for your assurance of reliability, includes: compression, vacuum, and oil pressure testing



Black Light Leak Test

VVT cam phaser testing and/or AFM solenoid testing where applicable.

Black Light testing for leaks.

DOD/AFM Delete:
JASPER offers this option for the GEN IV 5.3, 6.0, and 6.2 Engines.

DOD/AFM Delete will have a Non-DOD/AFM Cam, 16 standard lifters, and the LOMA plate is replaced with an early-style valley plate.

JASPER offers a programmer to delete out the ECM command for the DOD/AFM.

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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.

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