GM V8 Gen V 5.3 & 6.2

AFM/DFM

Value added Quality Improvements from JASPER

Issue / Concern:	JASPER Solution:
Oil Consumption Issues (Piston & Rings)	• JASPER-designed pistons offer profiled ring lands for scuff resistance under load, increased strength to withstand higher combustion pressures, and improved stability to reduce blow-by. • 100% use of graphite-coated pistons to help prevent scuffing and wear. • JASPER-designed pistons provide 5X more oil drain back for better oil control. • Larger 4.00 mm oil control ring assembly provides improved oil scraping when compared to OEM's 3.00 mm. • Anodized crown and top land promotes better top ring seal and drastically reduces any top ring micro-welding.
Oil Consumption Issues	• Cylinder bores are honed with steel torque plates that are torqued with hardened bolts to simulate cylinder bore distortion, which occurs after head assembly, ensuring correct bore cylindricity.
Main/Rod Bearing Wear	• 100% installation of a proprietary antifriction, wear resistant polymer coating on all bearings to reduce wear on dry start up and increase longevity.
Low Oil Pressure	• Dual displacement oil pump is electronically and mechanically tested during the live run test to verify operation and correct oil pressure. • Hydraulically installed cam bearings provide precise alignment, eliminating distortion of the bearings for improved oil flow and pressure.
Head Gasket Failure	• JASPER installs a thicker, polytetrafluoroethylene (PTFE) coated Multi-layer Steel (MLS) head gasket to maintain OEM compression ratio. • Block and heads are resurfaced to a 50–150 Rz finish. • 100% installation of NEW Torque-to-Yield head bolts.
Lifter Noise	• Latest-design Active Fuel Management (AFM) lifters are installed to increase oil flow during start-up and reduce lifter noise.

3 Year/100,000 Mile Nationwide Parts & Labor Warranty

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

JASPER GO! ENGINES & TRANSMISSIONS
100% Associate Owned

Remanufactured in the U.S.A.

815 Wernsing Road • P.O. Box 650 • Jasper, IN 47547-0650
(800) 827-7455 • Fax (812) 634-1820 • www.jasperengines.com

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Broken Valve Springs (on 6.2 Applications)	• 100% installation of updated design valve springs for improved durability.
Runability Issues and Leaks	• Oil pump, oil pan, timing cover, and rear cover are installed. • 100% live-run tested to verify proper compression, vacuum, and oil pressure. • VVT actuator and/or AFM solenoid function is tested where applicable. • 100% black light leak tested to ensure the unit is leak free.
DOD/AFM Delete	• JASPER offers DOD/AFM Delete as an option for the Gen V 5.3 and 6.2. • DOD/AFM Delete will have a non-DOD/AFM Cam, 16 standard lifters. • DOD/AFM Delete option is 50-state compliant with Carb E.O. • Tuner is included with all DOD/AFM Delete engines.
Additional JASPER® Benefits	• ***JASPER installs a fuel pump drive roller for proper high pressure pump operation.*** • ***JASPER includes a finishing gasket set for ease of installation.***

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