

GM 3.6L GDI ENGINE



APPLICATIONS

Chevy: Malibu, Equinox, Traverse, Camaro, Impala
GMC: Acadia, Terrain
Cadillac: CTS, SRX, STS, ATS
Buick: LaCrosse, Enclave
Pontiac: G6, G8
Saturn: Aura, Outlook



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VIEW JASPER'S GM 3.6
GDI VIDEO LIBRARY.

JASPER® UPDATES

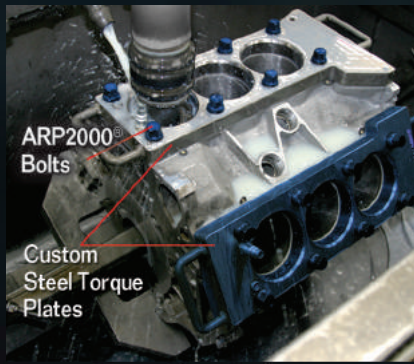
JASPER-engineered pistons include a smooth, fully-machined, anodized crown which provides a thermal barrier and reduces carbon buildup.

JASPER's piston design includes additional oil return holes (14 total) to increase oil drain back by 250%, or greater, to reduce oil consumption and prevent oil rings from sticking.

JASPER installs a robust two-piece 2.0mm oil ring for improved oil control. OE uses a thinner, 1.5mm, three-piece oil ring design on LFX models.

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JASPER® UPDATES



Torque Plate Honing



Head Resurfacing



Fuel Injection Kit

Optional Fuel Injection Kit

100% torque-plate honing, utilizing a torque plate and ARP2000® bolts, provides cylinder wall geometry that matches the cylinder head as a complete running assembly, for improved ring sealing.

An accumulator groove is machined into the piston to decrease the pressure between the 1st and 2nd ring land, preventing the upper (compression) ring from unseating at higher RPMs.

JASPER engineered pistons have a wider graphite coated skirt than OE to help prevent dry startup and piston scuffing.

An improved piston skirt profile provides greater stability in the cylinder bore for less wear and better ring sealing.

Chrome nitrided steel top rings are installed for improved durability, heat resistance and reduced cylinder wall wear.

Thicker, fluoroelastomer polymer coated Multi-Layer Steel head gaskets are installed, with new head bolts, along with better block and head surface finishes (50-150 Rz), to prevent leaks and maintain the correct compression ratio.

Top piston ring land is profiled to prevent scuffing at higher temperatures.

JASPER's piston has a 40% wider piston pin surface area than the original design to improve durability and promote scuff resistance.

100% installation of a set screw on the reluctor wheel to prevent it from spinning on the crankshaft, eliminating timing and runability issues, or even crankshaft damage.

100% installation of NEW nitrided valves for improved heat resistance and reduced valve guide wear.

Crankshafts are machined and micropolished to exact tolerances for improved bearing oil clearance and reduced wear.

Live-Run Testing, utilizing Data Acquisition with other assessments for your assurance of reliability include: compression, vacuum, oil pressure, actuator and retractor testing.

Black light testing for leaks.

PTFE Seal Installation/Sizing Tool sold separately.

Fuel Injection Kit Option:

JASPER offers the option of an installed fuel injection kit which includes the fuel rails, high pressure fuel sensor, fuel injectors, wiring harnesses and supplied fuel lines from rail to fuel pump to prevent fuel spray leaks that can potentially lead to a fire hazard.



100% Associate Owned



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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