

# 3.6/220 DOHC V6 CADILLAC LLT

## UPDATES from JASPER

\*\*\*\*\*IMPORTANT INSTALLATION INFORMATION\*\*\*\*\*

NOTE: FUEL INJECTOR SEAL INSTALLER: This will be needed to install the Direct Injection PTFE seals on your fuel injectors. We do offer this tool as an up sell, Master Kit Part # 4924548266KIT (Does several applications) or Part # EN-48266 is engine specific

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If the vehicle is equipped with an external engine oil cooler JASPER HIGHLY RECOMMENDS replacement of this cooler. Contamination from a previous failure can cause debris to lodge into the original cooler making it impossible to clean. Proof of cooler replacement may be needed if there is a bearing failure with your new engine.

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The plastic intake manifold must be thoroughly cleaned of oil debris to reduce the possibility of engine contamination. Failure to do so may void the warranty.

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The Valve Covers must be thoroughly cleaned of oil and debris to reduce the possibility of engine contamination and for proper PCV operation.

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--Engine is supplied with NEW Fuel Feed intermediate Pipes

--Second design OE timing set installed to reduce noise issues

--M.L.S. (Multi-Layered Steel) HEAD GASKET: The superior multi layered design of this gasket is excellent in the prevention of head gasket leaks.

--MOLY RINGS: Higher durability, reduce cyl. wall wear.

--NITRIDED VALVE STEMS: Have better oil retention, improved resistance to galling and greater overall durability

--VCT SOLENOID SEAL: Third design self centering design installed in the timing cover to prevent oil leaks.



**Remanufactured in the U.S.A.**

Full warranty disclosure available upon request.  
Specifications subject to change without notice.

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

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--CRANK BALANCER: Installed due to different OE design balancers.  
Some balancers may not look the same but are the new OE design and will work on your application.

--LIVE RUN TESTED: Oil pressure, compression and vacuum measurements are made to ensure unit meets Jasper specifications

PISTON: JASPER-Engineered Pistons Include A Smooth, Fully-Machined, Anodized Crown Which Provides A Thermal Barrier And Reduces Carbon Buildup.

Removal of cylinder head isn't necessary to install injector/rails.-----Do not allow customer to remove heads.



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