



Service Bulletin

File in Section: -

Bulletin No.: PIP4158E

Date: April, 2013

PRELIMINARY INFORMATION

Subject: Low Engine Oil Pump Pressure Due To Sticking Oil Pressure Relief Valve

Models: 2008-2009 Buick Lacrosse, Allure (Canada Only)
2007-2013 Cadillac CTS-V, Escalade
2007-2013 Chevrolet Avalanche, Corvette, Silverado, Suburban, Tahoe
2007 Chevrolet Monte Carlo SS
2007-2009 Chevrolet Impala SS, Trail Blazer
2009-2013 Chevrolet Colorado
2007-2013 GMC Envoy, Sierra, Yukon
2009-2013 GMC Canyon
2008-2010 Hummer H2
2008-2010 H3 Alpha
2008 Pontiac Grand Prix GXP
2008-2010 Pontiac G8 GT
2007-2009 Saab 97x
with the Following Aluminum V8 Engine RPOs:
L76, L77, L92, L94, L99, L9H, LC9, LH6, LH8, LH9, LMG, LS2, LS3, LS4, LS7, LS9,
LSA, LZ1

This PI was superseded to update model years and add warranty information. Please discard PIP4158D.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

Some customers may comment on low engine oil pressure, no engine oil pressure, and/or engine noise, which may be the result of a sticking oil pump pressure relief valve.

In some instances, this may occur intermittently if the valve frees up when the engine cools down.

Recommendation/Instructions

If SI diagnosis isolates low mechanical oil pressure at the oil filter housing and oil pressure sensor, replace the oil pump, flush the oil cooler lines (if equipped), clean the inside of the oil pan, change the oil and filter, and re-evaluate the concern.

Notice: If an engine noise is noticed after replacing the oil pump, follow the SI diagnosis and repair the engine as necessary.

Warranty Information

For vehicles repaired under warranty, please use the appropriate warranty labor operation based on the actual cause and repair.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.