



Service Bulletin

PRELIMINARY INFORMATION

Subject: Engine Mechanical Noise from Front of Engine and/or Low Oil Pressure, DTC P06DD or P06DE Set, "Oil Pressure Low" Message On

Models: 2014-2015 Buick Regal
2013-2015 Cadillac ATS Models
2014-2015 Cadillac CTS Sedan (VIN A)
2013-2015 Chevrolet Malibu
2014-2015 Chevrolet Impala (VIN 1)
Equipped with 2.0L or 2.5L Engines (RPOs LTG, LCV or LKW)

Attention: This PI also applies to any of the above models that may be Export vehicles.

Condition/Concern

Some customers may comment on a noise coming from the engine compartment.

Technicians may find the noise coming from the timing chain cover or cam cover area and that the noise changes with engine RPM. DTC P06DD or P06DE may be set and/or an oil pressure message on.

This may be caused by the driven gear on the balancer shaft being cracked or damaged.

Recommendation/Instructions

Technicians should remove the timing chain cover and inspect both gears on the crankshaft and the balance shaft for damage.

If damage is found, replace the balancer shaft, sprockets, balancer shaft chain, oil filter and change the oil. Refer to SI for published replacement procedures.

If no damage is found, refer to SI for further diagnosis.

Parts Information

Part Number	Description
12631922	SHAFT, BALR W/ OIL PUMP (RPO LTG)
12628886	SHAFT, BALR W/ OIL PUMP (RPO LCV/LKW)
12627108	SPROCKET, CR/SHF
12626981	SPROCKET, BALR SHF DRVN
12626983	CHAIN, BAL
12640445	FILTER, OIL

Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
4066440	Balancer Replacement	Use Published Labor Operation Time

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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