



Service Bulletin

PRELIMINARY INFORMATION

Subject: Rattle or Knock Type Noise from Front of Engine at Idle

Models: 2010-2011 Buick LaCrosse
2011 Buick Regal
2010-2011 Chevrolet Equinox
2010-2011 GMC Terrain
Equipped with 2.4L Engine (RPO LAF)

This PI is being revised to update the Important statement in the Recommendation/Instructions section. Please discard PI0202C.

Condition/Concern

Some customers may comment that they hear a rattle or knock type noise coming from the front of the engine at idle when the vehicle has warmed up. This noise is more prevalent when the A/C is on and could easily be confused for a compressor noise.

Recommendation/Instructions

Important: DO NOT replace the following components for this condition:

- Air Conditioning Compressor
- Water Pump
- Camshaft Chain or Tensioner

Replace the water pump/balance shaft chain and tensioner (do not replace the water pump) to ensure a successful repair. Refer to the Water Pump and Balance Shaft Chain Replacement procedure in SI.

Parts Information

Part Number	Description	Qty
12649233	Tensioner, Water Pump & Balance Shaft Chain	1
12645237	Chain, Water Pump & Balance Shaft	1
11589123	Bolt, Crankshaft Balancer	1
11588844	Bolt, Camshaft Actuator	2

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
J1096	Water Pump and Balance Chain Replacement	Use Published Labor Operation Time

Keywords: Click, Clicking, Tick, Ticking

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 this information.



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