



Service Bulletin

PRELIMINARY INFORMATION

Subject: Hoot Noise From Engine Area

Models: 2011 Buick LaCrosse equipped with 3.6 LLT engine
2012-2014 LaCrosse equipped with 3.6 LFX engine
2012-2014 Chevrolet Impala equipped with 3.6 LFX engine

This PI was superseded to update model years. Please discard PIP4957A.

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

Condition/Concern

The customer may complain of a Hoot, Gurgle, Howl, or Swoosh noise from the engine cooling system.

Recommendation/Instructions

If this condition is present the noise will usually sound like a groundout or rubbing sound at the front of dash.

The hoot noise most often occurs within a narrow coolant temperature range (85-90 deg C) and only some cars have it.

This noise is related to the engine thermostat position and its control of coolant flow around the bypass plate.

There are no performance or durability concerns.

The noise can be repeated during engine warm up by keeping vehicle in park and vary the engine speed from 2050 to 2100 rpm as indicated on vehicle tachometer.

A modified thermostat assembly has been developed and is now available.

Technicians are to replace the thermostat housing with the correct part number listed below and reevaluate this noise concern.

P/N 12651113 for the 2011-2014 Buick LaCrosse LLT or LFX

P/N 12651114 for the 2012-2014 Chevrolet Impala LFX

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Repair Description	Labor Time
4032810	Thermostat Replacement	Please Use Published Labor Time

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.

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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