



Service Bulletin

INFORMATION

Subject: Information on Clicking/Ticking Sound/Noise Heard During Cold Start

Models: 2009-2017 Buick Enclave
 2010-2017 Buick LaCrosse
 2008-2011 Cadillac STS
 2008-2017 Cadillac CTS
 2010-2016 Cadillac SRX
 2013-2017 Cadillac ATS, XTS
 2009-2017 Chevrolet Traverse
 2010-2017 Chevrolet Camaro, Captiva, Equinox
 2011-2017 Chevrolet Caprice PPV
 2012-2017 Chevrolet Impala Limited
 2014-2017 Chevrolet Impala
 2015-2017 Chevrolet Colorado
 2009-2017 GMC Acadia
 2010-2017 GMC Terrain
 2015-2017 GMC Canyon
 2009-2010 Saturn OUTLOOK
 Equipped with 3.0L or 3.6L VVT Direct Injection V6 Engine (RPOs LF1, LF3, LF4, LFW, LLT, LFX, LGW, LGX, or LGZ)

Attention: This Bulletin also applies to any of the above models that may be Export from North America vehicles.

This Bulletin has been revised to update the RPOs and Model Years. Please discard Corporate Bulletin Number 07-06-04-025K.

Do This	Don't Do This
Inform the customer that this is normal operation of the high pressure fuel pump and injectors.	DO NOT replace the high pressure fuel pump and/or injectors.

The 3.0L and 3.6L SIDI engines use a direct injection fuel system that operates at very high fuel pressures. A direct injection fuel system produces a rapid clicking and ticking sound that can be heard from the engine compartment. The sound is more evident when outside around the vehicle or when the hood is open. The sound is more noticeable during idle and is more frequent during a cold start, but lessens once the engine is warm.

The rapid ticking noise on cold start up is the fuel pump (located on the rear of the left cylinder head) building up high fuel pressure. When the engine warm-up is completed, the high pressure fuel pump will continue to tick at a lower rate of approximately one tick per second during idle. The clicking sound is the fuel injectors pulsing on and off under higher fuel pressures. This sound is a normal characteristic of Direct Injection Fuel high pressure fuel system.

DO NOT attempt to repair or replace any parts for this kind of clicking or ticking concern. The clicking or ticking sound is not indicative of any concerns with the engine or the vehicle. You may wish to give the customer a copy of this bulletin.

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.



WE SUPPORT VOLUNTARY TECHNICIAN CERTIFICATION