



Service Bulletin

PRELIMINARY INFORMATION

Subject: Turbocharger Wastegate Brief Rattle or Tick When Revving Engine in Park/Neutral

Models: 2014-2016 Cadillac CTS Sedan (VIN A), XTS
Equipped with 3.6L, SIDI, DOHC, VVT, TWIN TURBO Engine – RPO LF3
2016 Cadillac ATS-V
Equipped with 3.6L, SIDI, DOHC, VVT, TWIN TURBO Engine – RPO LF4

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

This PI has been revised to update the Warranty Information. Please discard PI1234B.

Condition/Concern

Some customers may comment on a brief rattle or tick when revving the engine when the vehicle is in **P** (Park) or **N** (Neutral). The same rattle or tick can sometimes be heard at the beginning or end of a vehicle acceleration while in **D** (Drive).

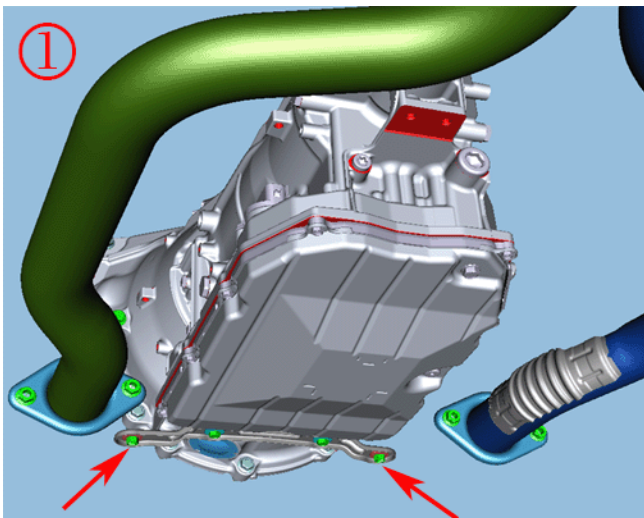
Some Service Technicians when performing a Pre-Delivery Inspection (PDI) may also notice this brief rattle or tick under the same conditions.

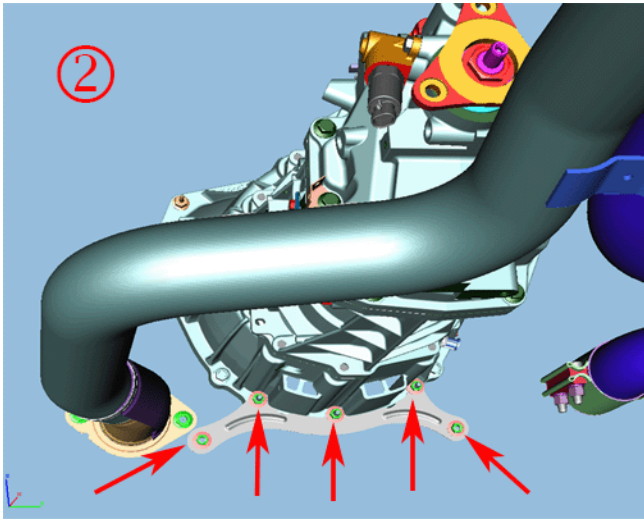
A Service Technician may determine that the source of the noise is the turbocharger (TC) wastegate.

Cause

This condition may be caused by loose converter brackets nuts or a normal characteristic of the turbocharger (TC) wastegate.

Recommendation/Instructions





Inspect the M8 nuts that secure the catalytic converters to the exhaust bracket. RPO LF3 (1) and RPO LF4 (2) as shown above. If the nuts are loose, it is necessary to replace them with new torque prevailing nuts.

If the technician finds that the nuts are torque correctly, **DO NOT** replace the turbocharger assembly in an effort to eliminate this brief rattle or tick.

Part Information

Description	Part Number	Qty
NUT, L/GATE HGE (BODY SI)	11546441	2 for (RPO LF3) 5 for (RPO LF4)

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
4081518*	Replacing the M8 Nuts, Catalytic Converter to the Exhaust Bracket	0.3 hr Add 0.1 hr (RPO LF4)

*This is a unique Labor Operation for Bulletin use only.

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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