



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Rattle From the Turbocharger on Cold Start

**Models:** 2014 - 2016 Cadillac CTS-V Sport and XTS  
Equipped with LF3 Twin Turbocharged Engine

*This PI was superseded to update Models and Recommendation/Instructions. Please discard PIP5319.*

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

### Condition/Concern

You may have one of the above vehicles come into your dealership with the concern of a rattle from the turbocharger when cold.

Please verify that the noise is from the turbocharger before going forward.

### Recommendation/Instructions

If you have verified the rattle noise when cold is from the turbocharger, there is a revised part available for this concern.

The new part has a revised spring for the wastegate to limit movement when cold.

The new part numbers are 12666538 and 12666539 for CTS-V Sport and 12666540 for the XTS.

These parts are available now.

### Parts Information

Part Number	Description	QTY
12666538	Turbo charger Assembly - LH CTS	1
12666539	Turbo charger Assembly - RH CTS	1
12666540	Turb Charger Assebmly (RH/LH) XTS	2

### Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
4068290	Turbocharger Replacement	Use Published Labor Operation 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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