



Service Bulletin

PRELIMINARY INFORMATION

Subject: Vibration At Highway Speeds

Models: 2011-2016 Chevrolet Silverado 3500 Dual Rear Wheel
2011-2016 GMC Sierra 3500 Dual Rear Wheel
With Polished Aluminum Wheels (RPO RS7)

This PI was superseded to update the Model Years. Please discard PIT5451.

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

Condition/Concern

Some customers may comment on a vibration at highway speed.

Recommendation/Instructions

When using the Pico Scope for diagnostics, a technician may note a 1st order tire/wheel vibration and the concern will still be present after performing Road Force Balancing of the wheel/tire assemblies.

Inspect the front aluminum wheel hub openings for a rolled lip of aluminum in the hub opening (shown below.)





This is caused when the wheel is not centered on the hub and is then forced over the hub extension centering lip during torquing of the wheel. These wheels **MUST** be manually tightened down to properly center the wheel on the hub before torquing. If this condition is found, replace the affected wheel.

Parts Information

Part Number	Description	QTY
23465077	Wheel	1

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
8060400	Wheel 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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