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#PIT4208D: Power Steering Whine Noise - (Nov 6, 2012)

Subject: Power Steering Whine Noise

Models: 2003-2013 Cadillac Escalade Models

2003-2013 Chevrolet Avalanche, Silverado Classic, Silverado, Suburban, Tahoe

2003-2013 GMC Sierra Classic, Sierra, Yukon Models

2003-2009 Hummer H2



This PI was superseded to update model years and add warranty information. Please discard PIT4208C.

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

Condition/Concern

Some owners may comment of a power steering pump whine noise. After normal diagnostics you may find the noise to be coming from the power steering pump. This whine noise is most commonly heard between idle and 2000 rpm coming from the power steering pump.

Recommendation/Instructions

GM Engineering has not evaluated this product, but reports from GM Dealers of flushing and refilling the power steering system with Lucas Power Steering Fluid with Conditioners, have reduced or eliminated this noise. Lucas Power Steering Fluid with Conditioners, (Lucas PN 10442), is a synthetic base fluid and is available at most auto parts stores in pint size containers. In most applications, 6 to 8 pints will be needed to flush and fill the system.

Beginning with model year 2007 the new body style pickups and utilities along with the 2008 H2, a new design power steering pump was introduced which will help improve or eliminate this noise concern. For vehicles built prior to this change or if Lucas Power Steering Fluid with Conditioners is not readily available, install the latest design GM power steering pump available through GM CCA. Use the GM Electronic Parts Catalog (EPC) to look up the correct part number for your application.

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
E9523*	Flush and Bleed PowerSteering System	0.9
* This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide. © 2013 General Motors. All rights reserved.		

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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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