



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Diagnostic Tip - Additional Brake Pedal Effort

**Models:** 2015-2016 Cadillac Escalade Models  
2014 Chevrolet Silverado 1500  
2015-2016 Chevrolet Silverado 1500, Suburban, Tahoe  
2014 GMC Sierra 1500  
2015-2016 GMC Sierra 1500, Yukon Models

*This PI was superseded to update the condition and parts list. Please discard PIT5361A.*

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

### Condition/Concern

In some rare situations, a customer may comment on a hard brake pedal or that increased effort is needed to depress the brake pedal. Also, in some cases a tick or ticking noise may be heard, which may sound like an exhaust manifold leak. While performing normal diagnostics, fluid may be found in the brake booster and/or the booster vacuum line.

**Important:** Pay close attention to the fluid and if it is determined to be engine oil, it could be coming from the vacuum pump. The vacuum pump is belt-driven and mounted to the side of the engine block. It is lubricated by pressurized engine oil.

### Recommendation/Instructions

If engine oil is found, it is important the following parts are replaced. If not, the condition will return.

1. Vacuum Pump
2. Vacuum Line between the booster and the pump
3. Brake Booster
4. Master Cylinder
5. Vacuum Pump Belt

### Parts Information

Part Number	Description	Qty
12669488	PUMP ASM-VAC	1
23144638 (VYU) or 23135228 (w/o VYU)	PIPE ASM-P/B BOOS VAC	1
23135220	BOOSTER ASM-P/B	1
20925765	CYLINDER-BRK MAS	1

12658179	BELT - VAC PUMP	1
12658178	BELT - A/C COMPRESSOR	1

## Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
2480118 *	Replace vacuum pump, belts, vacuum pump to booster hose, vacuum brake booster, and brake master cylinder	2.8 hr
* This is a unique labor operation for bulletin use only.		

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.

## Additional SI Keywords

C0299

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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