



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Malfunction Indicator Lamp (MIL) On, DTC P0171 Set

**Models:** 2013-2015 Cadillac ATS  
2014-2015 Cadillac CTS Sedan (VIN A)  
Equipped with 2.0L or 2.5L Engine (RPOs LTG, LCV)

**Attention:** This PI only applies to vehicles with the 4 cylinder engine with vacuum controlled engine mounts. This PI also applies to any of the above models that may be Export vehicles.

*This PI has been revised to add the CTS Sedan (VIN A) and Model Years. Please discard PI0940.*

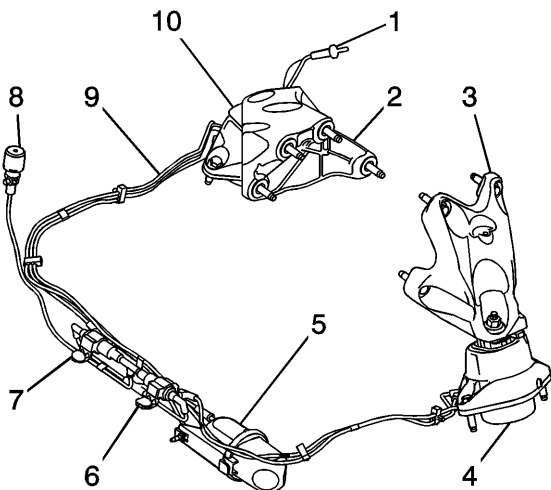
### Condition/Concern

Some customers may comment that the malfunction indicator lamp (MIL) light is on. Technicians may find DTC P0171 set.

Check possible causes per normal SI diagnostics and correct other conditions as applicable.

### Recommendation/Instructions

Check the engine mount vacuum control system for leaks with vacuum only. Do not use positive pressure to check the engine mount vacuum control system for leaks at the tank. Refer to Engine Mount Vacuum System Leak Test in Vacuum Operated Engine Mounts Description and Operation in SI.



1. Check Valve
2. RH Engine Mount Bracket
3. LH Engine Mount Bracket
4. LH Engine Mount

5. *Vacuum Tank Assembly*
6. *Idle Valve Assembly*
7. *Bounce Valve Assembly*
8. *Filter Assembly*
9. *Engine Mount Vacuum Hose Assembly*
10. *RH Engine Mount*

If a leak is found at the vacuum tank, remove and replace the tank and recheck for leaks using vacuum only. Refer to SI for Engine Mount Vacuum Tank Replacement.

If a leak is found in another component, refer to SI for replacement procedure.

If a fluid is found in the vacuum lines or tank, the entire vacuum system needs to be replaced because of contamination. If fluid is found in the vacuum system, check for the source of fluid.

**Note:** The engine mounts are filled with fluid.

## **Warranty Information**

For warranty, use the appropriate labor operation the repair performed.

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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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