



# Service Bulletin

File in Section: -

Bulletin No.: 17-NA-391

Date: December, 2017

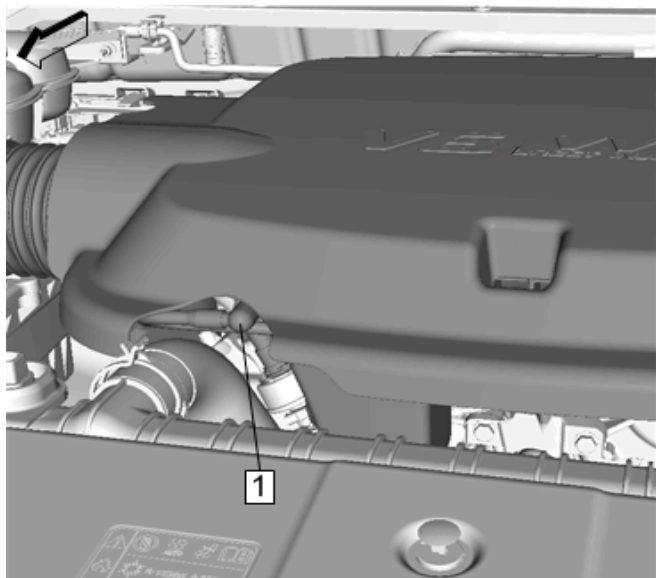
## TECHNICAL

**Subject:** Diagnostic Tip for Malfunction Indicator Lamp (MIL) Illuminated - DTC P0171 P0174 Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Colorado	2017	2018			LGZ	
GMC	Canyon						

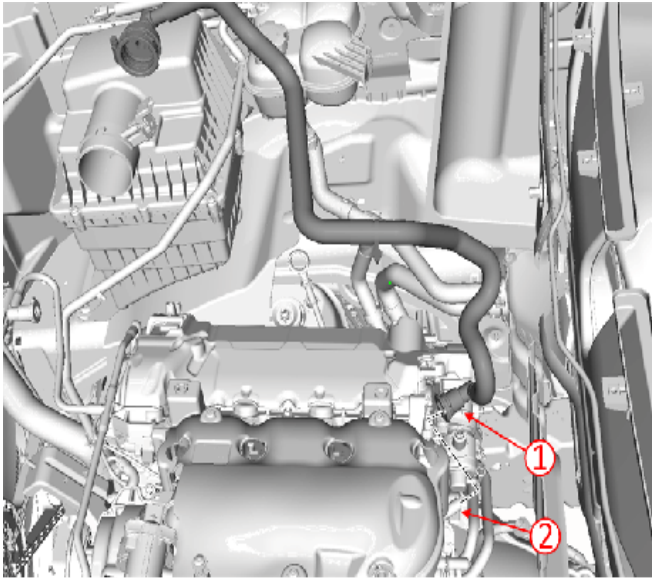
Involved Region or Country	North America
Condition	Some customers may comment on the MIL illuminated. Some technicians may find one or more of the following DTC's set: <ul style="list-style-type: none"><li>• P0171</li><li>• P0174</li></ul>
Information	If you encounter a vehicle with the above concern, check for a vacuum leak at the PCV fresh air tube or the foul PCV tube attachment under the air cleaner outlet duct or at the intake manifold.

### Service Procedure



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1. Using care, inspect the PCV fresh air tube connection (1) at the Air Cleaner Outlet Duct.
  - If a leak was found, connect the tube to the air cleaner duct port and no further repairs are needed.
  - If the tube is secure, validation of the foul PCV tube must be done.
2. Remove the air cleaner outlet duct. Refer to Air Cleaner Outlet Duct Replacement in SI.
3. Remove the engine rear noise shield. refer to Engine Rear Noise Shield Replacement in SI



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4. Using care, inspect the PCV fresh air tube connection (1) on the rear side of the intake manifold vacuum port (2).
  - If a leak was found, connect the tube to the vacuum port and no further repairs are needed.
  - If no issues were found at either location, refer to SI for further diagnostics.

## Parts Information

No parts are required for this repair.

## Warranty Information

For vehicles repaired under the Emission coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
4081978*	Inspection of PCV Fresh Air Tube Connection	0.2 hr
Add	Inspection of PCV Foul Air Tube Connection	0.2 hr
*This is a unique Labor Operation for Bulletin use only.		

Version	1
Modified	

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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