



Preliminary Information

PIP5571 MIL / SES Lamp On After Engine Repairs, P0016 Set and Rough Idle

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Colorado	2017 - 2018	All	All	3.6 LGZ	All
GMC	Canyon	2017 - 2018	All	All	3.6 LGZ	All

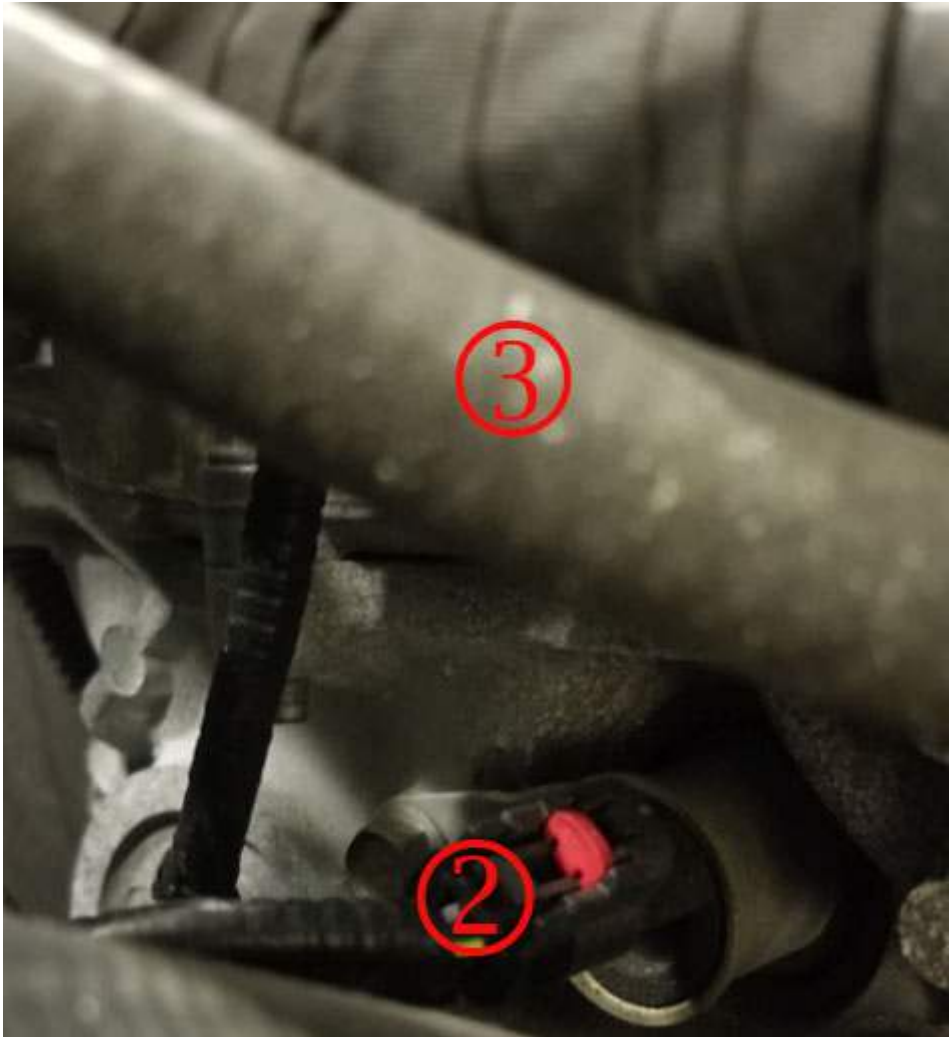
Involved Region or Country	North America
Condition	Some dealers will find a P0016 set after an engine repair that included moving the wiring harness on the right front side of the engine. This will be a hard code and will usually cause a rough idle concern.
Cause	What we are seeing is the wiring connectors for the intake camshaft actuator solenoid bank one on top of the engine and the connector for the intake actuator park lock solenoid in the front of the engine for bank one, have been swapped. These two connectors are identical and can only be identified by wire color in the connector.

Corretion:

Remove the connector and look at the schematic in eSI to compare and ensure the correct connector is plugged into the actuator and lock solenoid. (See pictures below)

1) Bank 1 intake actuator
2) Bank 1 intake park lock solenoid
3) Same hose in both pictures for relativity.





If they are incorrect swap them back and clear the code to verify repair.
If they are already in the correct places then refer to the correct eSI diagnostics for this code.

Note: This issue is under review and this PI may be converted to a Bulletin if new information is available.

Version History

Version	1
Modified	Created June 7 2018



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