



Preliminary Information

PIP5527 Driveability Concerns Caused By Intake Rocker Arm Oil Control Valve - Chuggle Surge Misfire P0101 P0106 P0171 P0300

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Impala (VIN 1)	2014 - 2015	All	All	2.5 LKW	All
Chevrolet	Malibu	2014 - 2015	All	All	2.5 LKW	All
Involved Region or Country	North America					
Condition	A customer may comment their vehicle exhibits any combination of these concerns: surges while driving, runs rough at idle, misfires while driving, MIL is illuminated and may have any combination of trouble codes P0101 P0106 P0171 P0300. During diagnosis the technician may find engine misfires on cylinders 1 and 2 or cylinders 3 and 4.					
Cause	The intake rocker arm oil control valve may have an internal electrical or mechanical concern.					

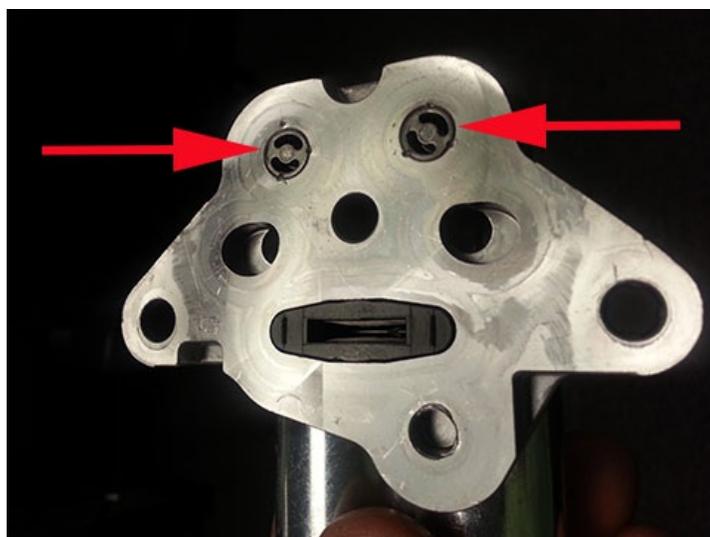
Correction:

If diagnostic procedures in service information do not resolve the vehicle's concern, remove and inspect the intake rocker arm oil control valve for missing components. See illustrations below for items #1 being missing. If any of the components are missing, replace the intake rocker arm oil control valve and camshaft cover. The camshaft cover must be replaced because the components become lodged in the camshaft cover oil passages and can not be removed.

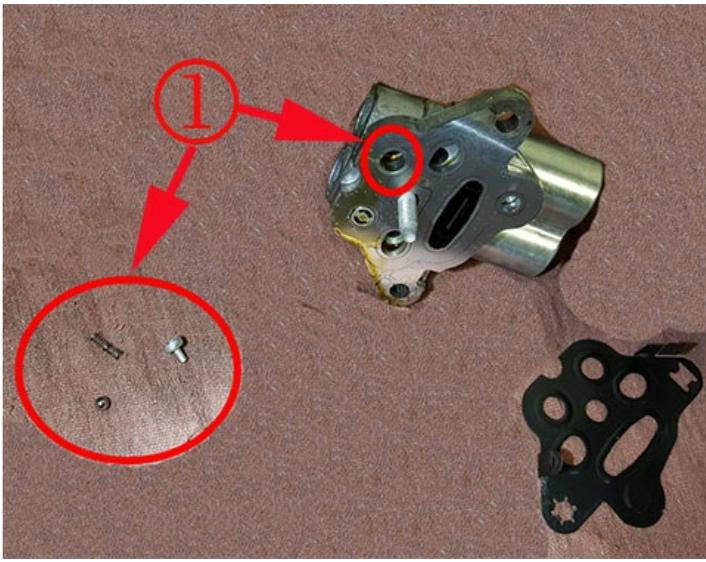
If the intake rocker arm oil control valve is not missing any components, only replace the intake rocker arm oil control valve.

Evaluate the vehicle thoroughly after repairs to verify the concern(s) are corrected.

This is a good valve with components still in place.



This is a bad valve with components missing.



Parts Information

Description	Part Number	Quantity
Valve, Valve Rocker Arm Oil Control	12633613	1
Cover, Camshaft	12658255	1

Warranty Information

Labor Operation	Description	Labor Time
4023940	Valve Rocker Arm Oil Control Valve Replacement	Use Published Time
4060930	Camshaft Cover Replacement	Use Published Time

Version History

Version	1
Modified	



© 2016 General Motors. All Rights Reserved.