



# Service Bulletin

Bulletin No.: 17-NA-098

Date: September, 2019

## TECHNICAL

**Subject:** Engine Runs Rough, Hesitates, Hard to Start, Stalls and/or DTCs P0010, P0013, P0011, P0014 Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Equinox	2010	2012			2.4L (RPO LAF or LEA)	All
GMC	Terrain						

Involved Region or Country	North America, Middle East, Thailand
Condition	Some customers may comment that the engine runs rough, hesitates, hard to start, and or stalls. During diagnosis, a technician may find DTCs P0010, P0013, P0011, P0014 set or stored.
Cause	This may be due to camshaft position actuator solenoid valve failure.
Correction	Replace both camshaft position actuator solenoid valves. Verify the ECM has the most up-to-date software and calibrations installed.

### Service Procedure

If you encounter a vehicle with the above concern, replace both the intake and exhaust camshaft position actuator solenoid valves. Refer to *Camshaft Position Actuator Solenoid Valve Replacement* in SI.

**Important:** Once complete, verify the ECM has the most up-to-date software and calibrations installed.

### Parts Information

Description	Part Number	Qty
VALVE ASM-CM/SHF POSN ACTR INT SOL	12679099	1
VALVE ASM-CM/SHF POSN ACTR EXH SOL	12679100	1

### Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
4020140	Camshaft Position Actuator Solenoid Valve Replacement	Use Published Labor Operation Time

Version	2
Modified	August 30, 2019 – Added Thailand to Involved Region or Country, added valve to the Cause and Service Procedure and updated the Part Numbers.

