



Service Bulletin

PRELIMINARY INFORMATION

Subject: Malfunction Indicator Lamp Illuminated With DTC P0324 And / Or Spark Knock (Detonation) Type Noise.

Models: 2014-2015 Chevrolet Spark
Equipped with 1.2L Engine (RPO LLO)

This PI was superseded to update Administrative Details and Warranty Information. Please discard PIP5251A.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

A technician may encounter a stock unit or customer's vehicle with a Malfunction Indicator Lamp (MIL) illuminated, a P0324 set as a current (fault active) or history DTC.

A rattle or spark knock type noise may also be heard while driving.

This condition may be caused by hydraulic lash adjusters becoming spongy due to lash adjuster oil bleed down.

The ECM may interpret the spongy lash adjuster as detonation and adjust engine performance accordingly.

This would predominately occur on stock units, new car deliveries received by the dealer or a customer's car that may have sat for a long period of time without the engine being started.

Recommendation/Instructions

Verify correct engine oil level.

Allow engine to idle for one hour. Every 15 minutes increase the engine RPM to 2000 and hold for 5 minutes.

If the engine noise is no longer present, Clear the P0324, road test the vehicle and monitor GDS2 data (Diagnostic Trouble Codes DTC / Diagnostic Test Status: This Ignition Cycle) to be sure that the P0324 has run and passed.

Return the vehicle to the owner

If the engine noise remains, perform SBD utilizing SI for the P0324 or Upper Engine Noise, Regardless of Engine Speed.

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
4081018*	Perform Engine Run Cycle As Instructed	1.0 hr

* This is a unique labor operation for bulletin use only.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

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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