



Service Bulletin

PRELIMINARY INFORMATION

Subject: Engine Cranks But Does Not Start After AutoStop

Models: 2014-2015 Chevrolet Malibu
2015 Chevrolet Impala (VIN 1)
Engine Control – Stop/Start System (RPO KL9)

Attention: This PI also applies to any of the above models that may be Export vehicles.

Condition/Concern

Some customers may comment that during a Stop/Start operation, the vehicle's engine will automatically shut off (AutoStop) but will not automatically restart (AutoStart) or has an extended crank. Also, the customer may state that the vehicle had to be restarted manually.

Technicians may not find any diagnostic trouble codes (DTCs) to aid in the root cause of these concerns.

Recommendation/Instructions

If following the diagnostic instructions for these concerns listed above in Service Information (SI) does not lead to a root cause, update the Engine Control Module (ECM) software.

Update the Engine Control Module (ECM) using the Service Programming System (SPS) with the latest calibrations available on TIS2WEB. Refer to the K20 Engine Control Module: Programming and Setup in SI.

Important: Verify the battery voltage is more than 12 volts but less than 16 volts before proceeding with reprogramming. The battery must be fully charged **BEFORE** reprogramming.

Important: During reprogramming, the battery voltage must be maintained within the proper range of 12-15.5 volts. **CONNECT** the approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool (EL-49642) to the vehicle or the GR8 (EL50313) in the power supply mode.

Warranty Information

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

Labor Operation	Description	Labor Time
2810075	Engine Control Module Reprogramming with SPS	Use Published Labor Operation Time

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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