

# #07-06-02-003: Intermittent Check Engine Light On, DTC P0128 Set (Diagnose and Reprogram PCM, if Necessary) - (Mar 7, 2007)

**Subject:** Intermittent Check Engine Light On, DTC P0128 Set (Diagnose and Reprogram PCM, if Necessary)



**Models:** 2006 Buick Terraza  
2006 Chevrolet Impala, Malibu, Malibu Maxx, Monte Carlo, Uplander  
2006 Pontiac G6, Montana SV6  
2006 Saturn Relay  
with 3.5L or 3.9L Engine (VINs N, K, 1 -- RPOs LZ4, LZE, LZ9)

## Condition

Some customers may comment on a check engine light being illuminated. This condition is intermittent and upon investigation, the technician may find DTC P0128 set.

## Correction

Verify that the cooling system is filled to the proper level and using a scan tool, verify that the thermostat is opening at the proper temperature. If everything is functioning properly, then reprogram the PCM with a new calibration using the Service Programming System (SPS).

An updated PCM calibration has been released to address this condition. This new service calibration is available on TIS2WEB.

**Important:** The new calibration is included in a calibration that addresses long crank time in hot restart situations.

## Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
J6354	Powertrain Control Module Reprogramming with SPS	0.4 hr
Add	Diagnosis Time	0.0-0.3 hr

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.