



Service Bulletin

PRELIMINARY INFORMATION

Subject: Diagnostic Tip - Vehicle Start And Stalls After Theft Deterrent Module Replacement

Models: 2008 - 2012 Buick Enclave
2006 - 2011 Buick Lucerne
2008 - 2012 Cadillac CTS
2006 - 2011 Cadillac DTS
2007 - 2009 Cadillac SRX
2007 - 2012 Cadillac Escalade, ESV, EXT
2007 - 2012 Chevrolet Avalanche, Express, Silverado, Suburban, Tahoe
2007 - 2009 Chevrolet Equinox
2011 - 2012 Chevrolet Caprice PPV
2006 - 2012 Chevrolet Impala
2006 - 2007 Chevrolet Monte Carlo
2009 - 2012 Chevrolet Traverse
2007 - 2012 GMC Acadia, Savana, Sierra, Yukon, Yukon Denali, Yukon XL, Yukon Denali XL
2008 - 2011 Hummer H2 2007 - 2009
2007 - 2009 Pontiac Torrent
2008 - 2009 Pontiac G8
2007 - 2010 Saturn Outlook
2008 - 2010 Saturn VUE

This PI was superseded to update Models and Subject Line. Please discard PIT5028A.

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

Condition/Concern

Some technicians may notice that the vehicle starts and stalls on the first initial start after the replacement of the Theft Deterrent Module (TDM).

The vehicle will usually start up right away on the next start attempt unless you remove the key for 2 minutes and the ECM and TDM are allowed to power down

There are usually no codes set in the TDM or the Engine Control Module (ECM)

This may be caused by the Manufactures Enable Counter (MEC) in the TDM not being set to zero during SPS programming. If the MEC is not at zero, the vehicle may start and stall on the first start attempt.

Note: This PI doesn't apply to vehicles with Keyless Access System

Recommendation/Instructions

The MEC status can be read using the Tech 2. The MEC is found under Module ID Information for the Theft Deterrent Module.

If the Manufactures Enable Counter displays a number other than zero, the MEC counter will need to be reset.

To reset the MEC counter, the ignition key can be cycled the number equal to the MEC counter.

For example: if the MEC counter is 85, then the ignition key would have to be cycled 85 times. If you are monitoring the MEC counter while cycling the key, you have to back out of the Tech 2 menu where the MEC counter is displayed and then go back into the previous screen to refresh the MEC.

Warranty Information

There is not a labor time or labor operation associated with this PI because the labor time is considered part of the original repair.

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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