

#PIP3673D: P0833 And/Or Cruise Control Inop - keywords 5sp 6sp clutch code M12 zMM6 MZ6 M10 pedal switch transmission - (Mar 12, 2008)

Subject: P0833 and/or Cruise Control Inop

Models: 2004-2008 Cadillac CTS-V
2004-2008 Chevrolet Cobalt
2004-2006 Chevrolet Corvette, Silverado and SSR
2006-2008 Chevrolet HHR
2004-2006 Pontiac GTO
2006 Pontiac Pursuit
2006-2008 Pontiac Solstice
2007-2008 Pontiac G5
2007-2008 Saturn SKY
2006-2007 Saturn Ion
2004-2006 GMC Sierra Equipped with Manual Transmission



This PI was superseded to update model years. Please discard PIP3673C.

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

Condition/Concern:

Cruise control inoperative and/or MIL on with DTC P0833 stored. The condition may not be able to be duplicated by the dealer yet the customer may have a repeat concern.

Recommendation/Instructions:

Check the "Top of Travel" or CCP switch for adjustment if your application is adjustable. Also check for possible intermittent connections in the clutch switch circuit.

It has been discovered in some applications that during circuit testing of the (CCP) clutch switch, the Tech II may read APPLIED/RELEASE if toggled several times then stop toggling and remain in either the APPLIED or RELEASED state. Although if the switch is checked with a DVOM the switch will toggle from open to closed.

Use of a DVOM to check clutch and cruise switches is recommended instead of monitoring Tech 2 data.

If no circuit concerns are found, this code can be induced by certain driving habits. This code can set (and the cruise control disabled) if the driver rests their foot on the clutch continuously and could potentially keep the pedal from reaching the top switch. This will keep the ECM from seeing transitions while they drive above and then below the vehicle speeds listed for setting the DTC. This can cause a false P0833 to set. An example of this occurring would be in slow moving stop and go traffic such as a construction zone or heavy traffic.

Important: Please make the customer aware of this scenario and advise to make an effort to refrain from resting their foot on the clutch pedal in these situations to avoid disabling the cruise control and/or setting DTC P0833.

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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