



Service Bulletin

PRELIMINARY INFORMATION

Subject: SES Light With DTCs P0106 P0107 P0171 P0300 P0502 P1107 P2431

Models: 2004-2012 Chevrolet Colorado
2004-2012 GMC Canyon
2006-2010 Hummer H3
with 2.8L, 2.9L 3.7L 4 and 5 Cylinder Engines (RPO LK5, LLV, LLR)

This PI was superseded to update Recommendation/Instructions field. Please discard PIP4409D.

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

Condition/Concern

An intermittent rough running concern and/or SES light may be experienced. Upon inspection, the technician may find history misfires on all cylinders, along with any one or more of the following DTCs P0106, P0107, P0171, P0300, P0502, P1107, P2431.

Recommendation/Instructions

If SI diagnostics do not isolate the cause of the concern, inspect all MAP sensor circuits for being broken inside of the insulation near the MAP sensor connector. Typically, the break will be within inches of the MAP sensor connector. If a broken circuit is isolated, follow SI wire repair procedures and re-evaluate the concern. If no wiring concerns are found, follow SI direction for voltage drop testing of related circuits.

TXL wiring of the correct size along with new terminals are required when replacing any sensor circuits.

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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