



Preliminary Information

PIP4409F SES Light With DTCs P0106 P0107 P0171 P0300 P0502 P1107 P2431

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Colorado	2004 - 2012	All	All	2.8L (LK5), 2.9L (LLV) or 3.7L (LLR)	All
GMC	Canyon	2004 - 2012	All	All	2.8L (LK5), 2.9L (LLV) or 3.7L (LLR)	All
Hummer	H3	2006 - 2010	All	All	2.8L (LK5), 2.9L (LLV) or 3.7L (LLR)	All

Supersession Statement

This PI was superseded to update Recommendation/Instructions field. Please discard PIP4409E.

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.

Recommendations / 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.

