



Service Bulletin

PRELIMINARY INFORMATION

Subject: Diagnostic Tip: Inspect Grounds G100 through G107 When Diagnosing Various Electrical Complaints

Models: 2012-2013 Chevrolet Sonic

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

Condition/Concern

This PI includes a diagnostic tip for various electrical complaints, such as no AC, AC performance, Crank No Start, Engine No Crank, IP Cluster concerns, etc. The tip below may be very helpful for intermittent electrical complaints that cannot be verified during diagnosis.

Recommendation/Instructions

If an electrical concern cannot be verified during diagnosis and/or if SI diagnosis does not easily isolate the cause, refer to the Service Information Locations and inspect grounds G100 through G107 for any concern, such as glue contamination (see G104 example below), being loose/disconnected, having poor terminal crimp or contact, etc. If necessary, the "Measuring Voltage Drop" procedure in SI can be followed to determine if excessive voltage drop is present, which is also an indication of a poor ground connection.

Clean, repair and/or torque the ground as necessary and re-evaluate the concern.

Examples of Ground G104 with Glue Contamination





Warranty Information

For vehicles repaired under warranty, use the labor operation below that best describes the repair performed:

Labor Operation	Description	Labor Time
*5480008	Remove G104, Clean Obvious Glue Contamination, and Properly Torque G104	0.5 hr
*5480018	Re-torque Obviously Loose/Disconnected Ground(s)	0.5 hr
5430962	Ground Connection Repair (Use for Any Other Ground Repairs Not Listed Above)	Use Published Labor Time
* This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.		

ADDITIONAL SI KEYWORDS:

A/C AC C0561 HVAC G101 G102 G103 G104 G105 G106 Ground P0700 TCM U0100

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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