



Service Bulletin

PRELIMINARY INFORMATION

Subject: Various Electrical Concerns And / Or Blown Fuse

Models: 2013 Buick Enclave
2013 Chevrolet Traverse
2013 GMC Acadia

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

Condition/Concern

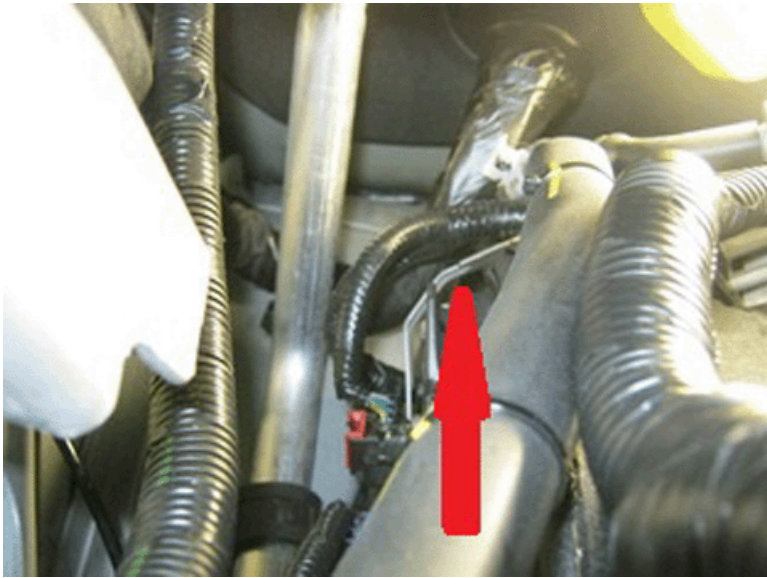
A customer may comment on one or more of the following conditions:

- Vehicle will not crank and start
- Warning telltales illuminate
- HVAC Operation
- Multiple Communication U Codes
- Technicians may find various DTCs set
- Open fuse in the underhood electrical center
- The inline engine control module 15 amp fuse E55AF open

This condition may be caused by the engine wiring harness damaged at the right rear side of the engine compartment. The harness may have chafing or damage to the wires at the power steering bracket or line.

Recommendation/Instructions

If the SI diagnostics do not isolate a cause for this concern, inspect the wiring harness for a potential short to ground, at the right rear side of the engine compartment about 6 inches from the pass-through where the harness may contact the steering line or the steering line bracket:



Repair any chaffed or damaged wires by following SI repair procedures.

Further, re-route the engine harness by following the procedure below:

1. Remove the nut for the A/C Line retainer found on the front of dash located above where this harness pass through is located.
2. Remove the nut for the retainer of this same A/C line, but this retainer is located on the frame rail on the RH side of the engine compartment.
3. Move the A/C line enough to access the harness retainer nut located on the RH frame rail.
4. If there is a nut on the harness retainer, loosen the nut.
 - 4.1. If there is not a nut on the harness retainer, add a 10mm nut to the stud and tighten finger tight.
5. Pull the harness where it is routed up along the strut tower toward the engine. This will rotate the harness on the weld stud and provide clearance between the harness and the PS cooler pipe.
6. While pulling on the harness, tighten the harness nut to hold the harness in that orientation.
7. Reinstall the A/C line retaining nuts and check the harness for sufficient clearance to the PS pipes.

Warranty Information

For wiring repairs covered under warranty, please refer to latest version of bulletin 10-00-89-005 for warranty information on wire/connector repairs.

ADDITIONAL SI KEYWORDS:

1 3.6 3.6L 50 ABS AC air assist bag BATT BCM block blower body brake chaft check cluster code comm cut display door doors DTC ECM EBCM emission emissions front fuel gauge gauges ground heater hood indicator inflatable inop inoperative IP IPC lamp LAN light line MAF malfunction message MIL mode motor no nocomm nocrank nostart on panel PCM radio relay restraint right rub rub-through rubbing sensor service SES set short side SIR speed speedometer Stabilitrak stg supplemental tach tachometer TCS to traction transmission turn UBEC under valve various washer wheel windshield wiper wipers

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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