



# Service Bulletin

File in Section: -

Bulletin No.: PIT5204

Date: March, 2013

## 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

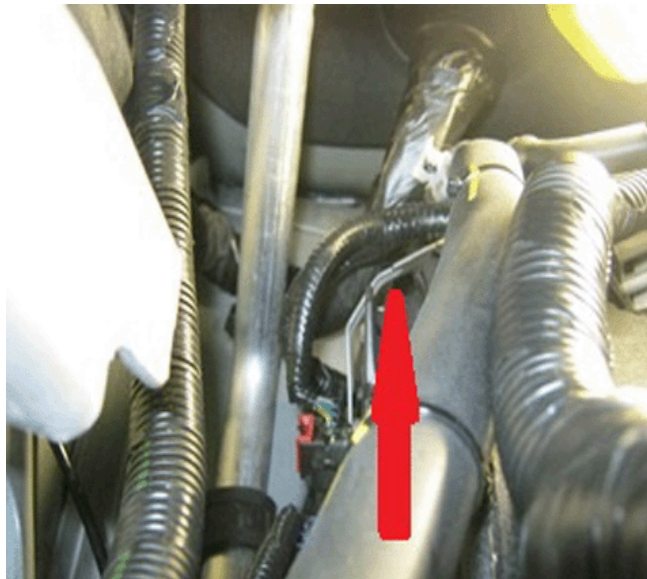
A customer may comment on one or more of the following conditions:

- 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:



3302505

Repair any chafed 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. HOW DO I MAKE A 4.1/4.2?
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.