



# Service Bulletin

File in Section: -

Bulletin No.: PIT4056G

Date: February, 2012

## PRELIMINARY INFORMATION

**Subject:** Unable To Communicate With The EBCM DTC U0121

**Models:** 2008 - 2012 Buick Enclave  
 2007 - 2012 Cadillac Escalade, Escalade ESV, Escalade EXT  
 2007 - 2012 Chevrolet Avalanche, Silverado LD, Suburban, Tahoe  
 2010 - 2012 Chevrolet Camaro  
 2009 - 2012 Chevrolet Traverse  
 2007 - 2012 GMC Acadia, Sierra LD, Yukon, Yukon XL, Yukon Denali, Yukon Denali XL  
 2008 - 2009 Pontiac G8  
 2007 - 2010 Saturn Outlook  
 Equipped with RPO JL4

This PI was superseded to update recommended field along with model and model years.  
Please discard PIT4056F.

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

### Condition/Concern:

Some owners may comment that the ABS and red brake lamp is on in the IPC. When trying to retrieve DTCs, the scan tool will not communicate with the EBCM. The scan tool will communicate with all other high and low speed GM LAN modules and some may have set a U0121 DTC against the EBCM. While performing normal diagnostics it will be found that the power circuits, ground circuits, communication enable signal circuit, and the GM LAN circuits going to the EBCM test good. This testing may lead to replacement of the EBCM; however, the concern may still be present after installing the new EBCM.

### Recommendation/Instructions:

This concern may be caused by the Yaw and Lateral Accelerometer (Multi-Axis) Sensor or the Steering Wheel Angle Sensor supply voltage (circuit 2087 Dk Green) shorted and pulling down the internal circuitry of the EBCM. Not all vehicles use circuit 2087 to supply voltage to the Steering Wheel Angle Sensor, so be sure to check Service Information for the specific vehicle that is being serviced. If circuit 2087 is backed out of the EBCM connector and communication returns, inspect for either this circuit being shorted to ground or for a sensor concern. On some full size utility vehicles the circuit may be shorted under the passenger front seat at the rear camera module bracket. Repair the circuit as necessary and reroute to prevent the concern from reoccurring.

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.