File in Section: -
Bulletin No.: PIC5695
Date: June, 2012

# Service Bulletin

# PRELIMINARY INFORMATION

**Subject:** **Cruise Control Inoperative And No DTCs Cruise Disengage History Brake Or Pedal Initialize**

**Models:** **2008 - 2012 Buick Lucerne ENGINE RPO's [LD8, L37, LZ9, LGD]**
**2007 - 2011 Cadillac DTS all engines**
**2008 - 2011 Chevrolet Impala all engines**
**With StabiliTrak (RPO JL4)**

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

## Condition/Concern:

Some customers may comment that cruise control will not engage or will not stay engaged and there are no DTCs and scan tool cruise disengage history is "Brake". This condition may occur due to a faulty brake pressure sensor, located in Brake Pressure Modulator Valve (BPMV).

## Recommendation/Instructions:

To correct this condition complete the following steps:

1. Verify that scan tool cruise disengage history parameter reads "Brake". Diagnose any other scan tool cruise disengage history first using eSI diagnostics.

**Note:** Scan tool cruise disengage history parameter will read "Brake" based on either of the following two inputs:

A. BCM detecting a brake pedal apply using brake pedal position (BPP) sensor.

B. EBCM detecting a brake applies using the brake pressure sensor within BPMV.

2. Verify that DTC P0703, P0572, and P0573 is not set.

**Note:** If any of the DTCs are set, refer to eSI for the proper DTC diagnostics.

3. With the brake pedal fully released, verify the EBCM indicates brake released. Tech 2 Chassis => EBCM => Data Display => VSES => BPP Signal parameter = "Released".
4. While BPP Signal parameter still reads "Released", verify the Brake Pressure Sensor Input scan tool parameter value is equal to or less than 0.5V.

   If greater than specified value with no other scan tool cruise control disengage history, and the cruise control inoperative, replace BPMV.

   Proceed with eSI diagnostics, if cruise control inoperative condition persists after completing these steps.

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.