	Service Bulletin	File in Section: -
		Bulletin No.: PIT4574E
		Date: November, 2011

PRELIMINARY INFORMATION

Subject: Crank No Start After Parking On An Incline When The Fuel Level Is Low

Models: **2008-2012 Buick Enclave**
2009-2012 Chevrolet Traverse
2007-2012 GMC Acadia
2007-2010 Saturn Outlook

This PI was superseded to update model years an part numbers. Please discard PIT4574D.

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

Condition/Concern:

Some customers may comment of an intermittent crank no start, or start and then stall when the fuel level is low (typically less than 1/8th tank) and the vehicle is parked for an extended period of time (more than 12 Hours) on an incline.

The design of the fuel tank will allow fuel to migrate to the end of the tank when the vehicle is parked on an incline. This may prevent the fuel system from drawing fuel out of the tank because the fuel pick up is no longer submerged in fuel. If the fuel pump module reservoir check valve allows fuel to leak out of the reservoir, insufficient fuel will be available to start the vehicle or allow the engine to run following a start.

If this happens while the vehicle is parked on an incline with a low fuel level condition, the fuel may not be drawn into the fuel system. If fuel is added to the tank or the vehicle is rolled to a flat surface, the vehicle will start because the fuel module is now submerged in fuel.

Recommendation/Instructions:

For 2009-2012 Model year replace the fuel pump assembly with P/N 22833390.

Follow service information for Fuel Tank Module Replacement. The fuel level sensor will need to be transferred to the new pump.

For 2007-2008

No parts should be replaced at this time, an Engineering fix is being developed. Until the final fix is available, advise the customer that if they will be parking on an incline to maintain at least 1/4 tank of fuel in the vehicle.

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.