



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Pop Noise From Fuel Tank After a Cold Start or EVAP Purge Event (Equinox / Terrain)

**Models:** 2010 -2014 Chevrolet Equinox  
2010-2014 GMC Terrain

*This PI was superseded to include "Important" note in recommendations. Please discard PIP5122A.*

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

### Condition/Concern

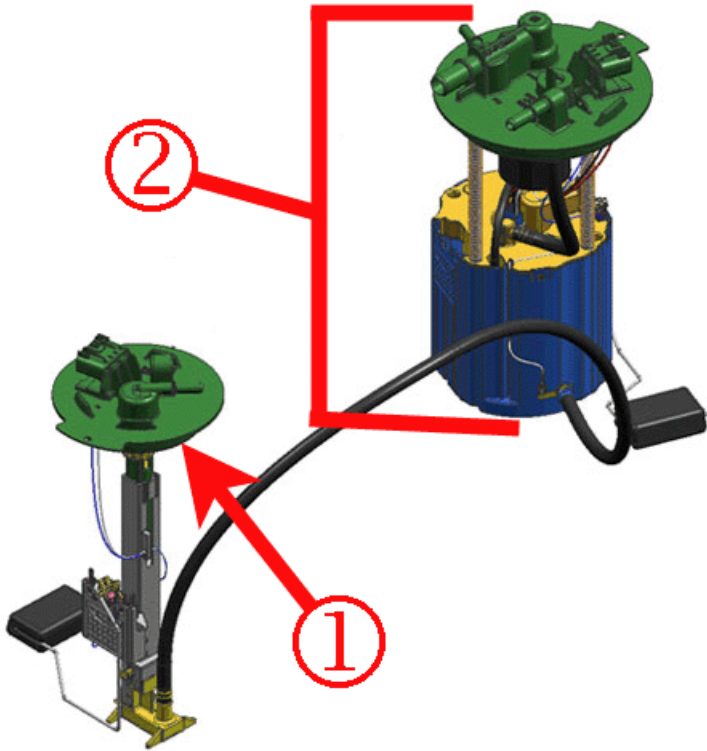
Intermittently customers may comment about a pop or multiple popping noise from the rear of the vehicle shortly after a cold start or EVAP purge event.

### Recommendation/Instructions

The technician should be able to duplicate the concern by commanding a purge and seal on the EVAP system using GDS2. As the vacuum reaches 3 to 5 inches, the pop/popping noise should be duplicated. The cause for this concern is the auxiliary fuel module in the left side of the fuel tank changing height (spring loaded leg).

The part number on the box of the auxiliary fuel module has not changed but the auxiliary fuel module inside of the box has. After ordering the auxiliary fuel module, remove it from the box and verify the letters "PPA" are cast into the top of the fuel module flange. This is the revised auxiliary fuel module designed to correct the pop/popping noise. The original auxiliary fuel module has "POM" cast into the flange.

**Important:** The condition described in this PI applies only to the auxiliary fuel pump module assembly. The Parts Catalog calls this auxiliary pump component the "sender kit" which is the correct part for this repair. Replacing the primary fuel pump module assembly would NOT correct this noise condition. The parts catalog calls this primary pump component the "module kit" which is the incorrect part for this repair.



- (1) Flange location of the auxiliary fuel module (sender kit)
- (2) Primary Pump NOT the correct component to replace (module kit)



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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