



Preliminary Information

PIP4871D MIL Possible DTCs P1B10 And Or P1B0F

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Volt	2011 - 2013	All	All	All	All
Opel	Ampera	2012 - 2013	All	All	All	All

Supersession Statement

This PI was superseded to update document layout for clarity. Please discard PIP4871C.

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

Condition / Concern

During diagnosis of a MIL technicians may find DTC P1B0F (Drive Motor A Position Sensor Learn Incorrect) and / or DTC P1B10 (Drive Motor B Position Sensor Learn Incorrect) stored in the HPCM.

Recommendations / Instructions

Typically, these DTCs are not diagnosing a problem with the resolvers.

Look for other DTCs to diagnose first. Review the customer's complaint carefully.

If no other DTCs are present, continue reading.

- **These DTCS may be set if the vehicle was powered off while driving with the shift lever out of park.**
- **The driver may have purposefully or inadvertently pressed the power button instead of the Drive Mode button.**
- **Review the freeze frame records and if there is a vehicle speed reading greater than zero KPH (zero mph) DO NOT attempt any repairs for these DTCs.**
- **Explain to the customer that inadvertently shutting the vehicle off while in motion (out of park) may cause this MIL to illuminate, and this is design intent.**

Note: There are some known instances where the diagnostic will falsely set if the vehicle is powered on while it is plugged in.

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.



GENERAL MOTORS