



Preliminary Information

PIC6299 Intermittent Tachometer Fluctuation While Driving

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Camaro	2016 - 2018	All	All	All	All
Involved Region or Country	North America					
Additional Options (RPO)	N/A					
Condition	Some customers may complain of the tachometer flaring between 1,000 – 7,000 rpm. The engine RPM's will remain constant and they will not flare when this condition occurs. This condition is not dependent on engine speed, vehicle speed, or the current gear in which the vehicle is operated in.					
Cause	This concern may be caused by any one of several loose grounds on the vehicle.					

Correction:

If this concern is encountered, dealership technicians are to inspect the following areas on the vehicle:

- 1) Closely inspect the large ground cable that runs from G103 to the engine block. This cable attaches to the core support underneath the negative jump post stud on the RH side of the vehicle. It attaches at the engine near the generator. This fastener may be loose on the engine block causing a poor system ground.
- 2) G201 – IPC Ground - This is located inside the passenger compartment, underneath the RH kick panel trim.
- 3) G102 - This ground is located in the engine compartment, on the RH side of the radiator support.
- 4) G103 - This ground is located in the engine compartment on the radiator support, near the underhood fuse block.
- 5) If no obvious ground issues have been found, inspect circuit 121 (engine speed signal) that runs from the ECM to the IPC for any connection issues. This circuit has several inline connectors. Make any repairs as needed.

If the previous locations have been inspected and the concern remains, dealership technicians are advised to call the GM Technical Assistance Center (TAC) for additional direction.

Warranty Information

Because the repair may be one of several mentioned, use the labor op most closely related to the actual repair performed.

Version History

Version	1
Modified	

