



# Preliminary Information

## PIT5195H Speedometer Needle Accuracy Information

### Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade Models	2003 - 2014	All	All	All	All
Chevrolet	Avalanche	2003 - 2013	All	All	All	All
Chevrolet	Camaro	2014 - 2024	All	All	All	All
Chevrolet	Equinox	2014 - 2024	All	All	All	All
Chevrolet	Malibu	2014 - 2024	All	All	All	All
Chevrolet	Silverado	2003 - 2024	All	All	All	All
Chevrolet	Suburban	2003 - 2024	All	All	All	All
Chevrolet	Tahoe	2003 - 2024	All	All	All	All
GMC	Sierra	2003 - 2024	All	All	All	All
GMC	Terrain	2014 - 2024	All	All	All	All
GMC	Yukon Models	2003 - 2024	All	All	All	All

### Supersession Statement

This PI was superseded to update the Model Years and Condition. Please discard PIT5195G.

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

### Condition / Concern

A customer may comment that their vehicle's speedometer needle appears to be inaccurate. An Instrument Panel Cluster, which has a physical speedometer needle, will electrically operate the needle using a stepper motor and there may be some variation in accuracy. Digital readout devices, such as "Digital Speedometer" on the DIC, are direct readouts of the Vehicle Speed Sensor (VSS) and their accuracy is much greater. Tire size, tread life and inflation may cause some variation in the readings.

### Recommendations / Instructions

**The specification for speedometer needle accuracy is +/- 2 MPH at any given speed when looking straight at the needle.**

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