



Preliminary Information

PIP5540B Poor Engine Performance Or CEL On In Cold Ambient Temperatures On Vehicles Equipped With Turbocharged Gasoline Engines May Set One Or More Of The Following DTCs P0171 P0172 P0299 P2227

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
All	All	2000 - 2019	All	All	All	All

Involved Region or Country	North America
Condition	CEL on and poor engine performance in very cold ambient temperatures.
Cause	Possible poor engine performance with one or more of the following DTC's set due to restricted air flow during times of very cold ambient temperatures. (P0171 P0172, P0299, P2227)

Correction:

If you encounter one or more of the following DTC's, P0171 P0172 P0299 P2227, or poor engine performance during very cold ambient temperatures of 32 degrees Fahrenheit (0 degrees Celsius) or lower.

Inspect the air induction system including charge air cooler on turbocharged engines for signs of ice restricting the air flow or covering related pressure sensors.

These inspections should be performed prior to following SI DTC diagnostic steps or performing any service as recommended in other bulletins or PI's.

If found, allow the ice to melt so that the moisture can be drained from the induction system including the charge air cooler without component damage.

Once any excessive moisture has been removed, retest and follow normal diagnostic steps for any symptoms found.

This is a temporary repair, Do not replace any components for this concern.

Version History

Version	3
Modified	01/04/2018 - Created 01/18/2018 - Updated Title, Cause and Correction Section. 12/06/2018 Updated to add 2019 model year



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