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Preliminary Information

PIP6013 Diagnostic Tips for Bank One Misfires and/or Lean Condition

Models

Brand:	Model:	Model Years:	VIN: from	to	Engine:	Transmissions:
Cadillac	CT6	2019 - 2020	All	All	4.2L LTA	All
Cadillac	CT6-V	2019 - 2020	All	All	4.2L LTA	All

Involved Region or Country	**North America**
Condition	**Vehicle may have misfires primarily on Bank one, this may also be accompanied with lean fuel trims and smoke from the exhaust. DTCs P0300 - P0308 and possibly accompanied with any of the following: P2177, P0171 and/or P2E68.**
Cause	**Possible PCV Oil Separator.**

Correction:

If any of the above conditions exist, the following may be helpful.

Check for signs of a PCV oil separator failure.

Some indications of a failed oil separator may include engine oil residue in the Bank one air filter housing and/or PCV lines and MAF sensor.

A notably lower MAF reading may be observed on bank one when compared to bank two.

Any remaining engine oil residue should be inspected for and thoroughly cleaned after repairs.

Version History

Version	**1**
Modified	**10/09/2024 - Created on.**

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