



Service Bulletin

File in Section: -

Bulletin No.: 18-NA-088

Date: March, 2018

INFORMATION

Subject: Reduced Performance or Malfunction Indicator Lamp Illuminated with DTC P0300 (Engine Misfire Detected) Set After Service or Replacement of the Charge Air Cooler

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Corvette	2014	2019			6.2L (LT4 or LT5)	All

Involved Region or Country	North America and N.A. Export Regions
Additional Options (RPOs)	Equipped with V8 Engine (RPO LT4 or LT5)
Condition	Some customers may comment on reduced performance or an engine misfire during high ambient temperatures during track driving conditions. During diagnosis, a technician may find DTC P0300 (Engine Misfire Detected) set or stored in the Engine Control Module (ECM).
Cause	This may be due to the supercharger's air charge cooler system not being properly evacuated and filled after service or replacement.
Correction	See the proper procedure below for correction.

Service Procedure

If you encounter a vehicle with the above concern, complete the following:

1. Drain and fill the charge air cooling system. Refer to *Charge Air Cooling System Draining and Filling* in SI.

Note: Use a 50/50 mixture of DEX-COOL coolant and clean, drinkable water.

Note: Always use more of the 50/50 mixture than necessary to eliminate air from being drawn into the cooling system.

Special Tools

Any time that the supercharger's cooling system is replaced, removed or separated from the engine, it must be properly drained and filled using the following special tools:

- GE-26568 Coolant and Battery Fluid Tester
- GE-47716 Vac-N-Fill Coolant Refill Tool
- GE-52079 Tool, Coolant System Fill
- GE-52079-10 Adapter, Coolant System Fill Tool

Version	1
Modified	Released March 19, 2018

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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