



Preliminary Information

PIP5468C Check Engine Light On with Leaks in the Charge Air Cooler System.

Models

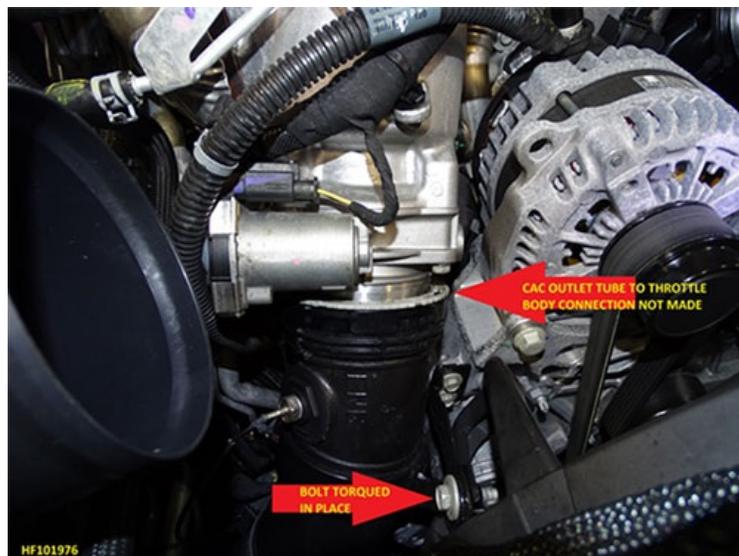
Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado	2017 - 2018	All	All	6.6 L5P	All
GMC	Sierra	2017 - 2018	All	All	6.6 L5P	All
Involved Region or Country	North America					
Additional Options (RPO)	6.6 L5P					
Condition	Some customers may comment on a Service Engine Soon Light / Check Engine Light on. Upon inspection technicians may find DTCs P0101, P0299, P0712, P11CC, P11DC, P20EE, P2002, P2463, P2627, P2A00, P2459, P22B6, P200C, P200E, P0263, P0266, P0269, P0272, P0275, P0278, P0281 and/or P0284 set.					
Cause	These DTCs may be the result of loose connections of the charge air cooler ductwork.					

Correction:

If any combination of DTCs DTCs P0101, P0299, P0712, P11CC, P11DC, P20EE, P2002, P2463, P2627, P2A00, P2459, P22B6, P200C, P200E, P0263, P0266, P0269, P0272, P0275, P0278, P0281 and/or P0284 are set; check for loose charge air cooler ductwork at the turbocharger outlet pipe, the charge air cooler inlet pipe, the charge air cooler outlet pipe and the connection at the intake air flow valve (throttle body).

Please note that a static visual inspection may not reveal that the connection is not adequate and that it is most likely to occur during engine roll or brake torque. It is highly recommended to test for leaks in the charge air cooler system by using the procedure found in Service Information Document ID: 4282009 (Charge Air Cooler Diagnosis)

Please perform a Diesel Particulate Filter (DPF) Regeneration Enable after repairs are made. Refer to Service Information Document ID: 2445614.



Check for non-secured connection of the charged air cooler pipe at the intake air flow valve (throttle body).
Check for proper alignment of the charged air cooler pipe bracket and bolt hole.



Non-secured connection.



Mis-aligned charged air cooler pipe bracket and bolt hole after the charge air cooler outlet hose is connected properly to the throttle body.

Warranty Information

Labor Operation	Description	Labor Time
4081668*	Repair Connections, Charge Air Cooler Pipes	0.8 hr
* This is a unique labor operation for bulletin use only.		

Version History

Version	4
Modified	3/17/2017 to update Condition and add pictures 5/10/2017 to add labor operation 8/22/2017 to add DTCs, 2018 model year and smoke testing the charge air cooler



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