



# Service Bulletin

Bulletin No.: 22-NA-013

Date: January, 2022

## TECHNICAL

**Subject:** Leaks in the Charge Air Cooler System. Malfunction Indicator Lamp (MIL) Illuminated - Multiple DTCs Set

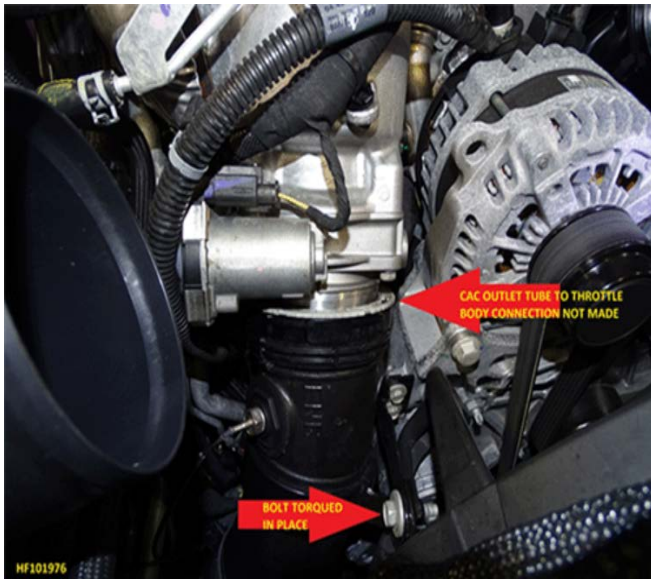
This bulletin replaces PIP5468. Please discard PIP5468.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 2500/3500	2017	2019			6.6 L5P	
GMC	Sierra 2500/3500						

Involved Region or Country	North America
Additional RPO/s:	6.6 L5P
Condition	<p>Some customers may comment on a MIL illuminated. Some technicians may find one or more of the following DTCs set:</p> <ul style="list-style-type: none"><li>• P0101</li><li>• P0299</li><li>• P0712</li><li>• P11CC</li><li>• P11DC</li><li>• P2002</li><li>• P2463</li><li>• P2627</li><li>• P2A00</li><li>• P2459</li><li>• P22B6</li><li>• P200C</li><li>• P200E</li><li>• P0263</li><li>• P0266</li><li>• P0269</li><li>• P0272</li><li>• P0275</li><li>• P0278</li><li>• P0281</li><li>• P0284</li></ul>
Cause	These DTCs may be the result of loose connections of the charge air cooler ductwork.

Correction	<p>If any combination of DTCs, DTCs P0101, P0299, P0712, P11CC, P11DC, 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 airflow valve (throttle body).</p> <p>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 Charge Air Cooler Diagnosis.</p>
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## Service Procedure



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.

If P2463 was not set and a charge air cooler leak or disconnect was found, after repairing charge air cooler connections, command Diesel Particulate Filter (DPF) Regeneration Enable with the scan tool before returning the vehicle to the customer.

If P2463 was set refer to the Service Information Document *DTC P2463* in the Service Manual

**Note:** This will put the vehicle in DPF regen mode when the customer gets the vehicle, delaying any emissions diagnostic codes that can be fouled by high soot in the exhaust, until the exhaust is cleaned by the customer driving with an on-road DPF regeneration.

## Warranty Information

For vehicles repaired under the Emission coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage 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	1
Modified	Released January 20, 2022

