



Service Bulletin

PRELIMINARY INFORMATION

Subject:**Attention:**

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado	2017		All		All	All
GMC	Sierra						

Involved Region or Country	North America
Additional RPO/s:	L5P
Condition	<p>As part of our ongoing quality improvement efforts the 2017 6.6L Duramax Diesel Close Coupled Diesel Oxidation Catalyst (CC-DOC) Catalyst, Diesel Particulate Filter and Particulate Sensor have been placed on a parts restriction through the Product Quality Center (PQC). This parts restriction will assist Engineering with product feedback.</p> <p>Your cooperation with this program is greatly appreciated.</p>

If you require a component listed in this PI please complete the diagnostic questionnaire listed below as accurately and completely as possible.

In addition, please attach the answers to this questionnaire to the repair order documentation accompanying any components returned to the Warranty Parts Center.

The diesel particulate filter and close coupled diesel oxidation catalysts are very closely monitored for degradation by the ECM.

The P0421 (CC-DOC) and P0422 (DPF) OBD DTC's monitor for insufficient warmup temperatures during commanded DPF regenerations.

Secondly, the particulate filter itself is monitored with a special sensor capable of detecting trace amounts of particulate matter (soot).

If any soot is detected downstream of the DPF, a P2002 DTC may likely set.

The first step in evaluating these circumstances is to perform a service regeneration using the GDS tool.

Please do not contact the PQC until after the service DPF regeneration procedure has been attempted.

What is the customer's concern and if applicable, what DTCs are stored in the ECM?

Did the DPF service regeneration procedure complete successfully?

If not, has the exhaust aftertreatment injector / indirect hydrocarbon injector been flow tested per Exhaust Aftertreatment Fuel Injector Diagnosis (SI Doc# 4489431)?

If the DPF service regeneration procedure finished successfully, is there evidence of soot on the interior surface of the exhaust tail pipe / cooler assembly?

If yes, please proceed to contact PQC for possible DPF replacement.

If there is no evidence of soot, verify the particulate sensor and DPF pressure sensor are both installed properly.

If no issues are found, please call PQC for possible sensor replacement.

Parts Information

Description	Part Number	Qty
Close Coupled Diesel Oxidation Converter	12680277	1
Particulate Matter Sensor	55591380	1
DOC / DPF Assembly	84181079	As Required
DOC / DPF Assembly	84181080	As Required
DOC / DPF Assembly	84181081	As Required
DOC / DPF Assembly	84181082	As Required
DOC / DPF Assembly	84181083	As Required
DOC / DPF Assembly	84181084	As Required
DOC / DPF Assembly	84181085	As Required
DOC / DPF Assembly	84181086	As Required

Warranty Information

Labor Operation	Description	Labor Time
4025920	Exhaust Particulate Sensor Replacement	Use Published Labor Time
4050860	Exhaust Particulate Filter Replacement	Use Published Labor Time

Version	1
Modified	

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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