



Service Bulletin

PRELIMINARY INFORMATION

Subject: Diesel Oxidation Converter Part Restriction

Models: 2010 - 2015 Chevrolet Express

2010 - 2015 GMC Savana

2011 - 2015 Chevrolet Silverado

2011 - 2015 GMC Sierra

Equipped with 6.6L Diesel Engine RPO codes LML and LGH

This PI was superseded to update Recommendation/Instructions. Please discard PIP5204C.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

As part of our ongoing quality improvement efforts the CONVERTER, OXIDN CTLTC (Diesel Oxidation Converter or DOC) part numbers 15231895, 22768282, 22770967, 22887212, 22893734 and 22977171 will be placed on a parts restriction through the Product Quality Center (PQC). This parts restriction will assist Engineering with product feedback.

Recommendation/Instructions

If you require a Diesel Oxidation Converter (DOC), please complete the diagnostic questionnaire before you contact the PQC at 1-866-654-7654.

Is the restricted part being requested for customer pay? (If yes, there is no need to complete this diagnostic questionnaire)

Technician's Name/Direct Phone:

Was TAC contacted?

If Yes, TAC Case number:

If applicable, what was TAC agent's recommendation?

What is the model year of the vehicle?

What is the build date of the vehicle?

Customer's concern?

Is the customer's concern an exhaust leak between the turbocharger downpipe and DOC?

If yes, was the leak corrected by following the latest version of PI0235?

List all DTCs:

If DTC P0420 was found record the temperature readings of EGT1, EGT2, EGT3 and EGT4 from the freeze frame and failure records data.

If DTC P0420 or P24A0 were set, does the vehicle have the correct GM air filter installed?

What is the soot mass in the Diesel Particulate Filter (DPF)?

Are the current (active) DTCs repeatable?

What SI documents were used for diagnosis?

Have you completed the appropriate SI documents for the DTCs listed?

Using the SI document listed above, list all answers to all steps that were followed in the Circuit/System Testing section

What step in the SI document led to replacement of the DOC?

Was there a previous repair that was perhaps related to this dealer visit?

Does the vehicle have a recent history of repairs for air system, misfires, cylinder imbalance, injector, exhaust sensors, turbocharger or charged air cooler systems?

Was a Diesel Particulate Filter Service (stationary) or an on the road (driving) Regeneration performed?

Note: DTC P0420 does not run during a service (stationary) regeneration

During the Diesel Particulate Filter Regeneration, with EGT2 at its maximum value, what were the temperature readings of:

EGT1:

EGT2:

EGT3:

EGT4:

Was a Q57 Indirect Fuel Injector flow test performed using J-39021, J-44602 and J-45873 (for 2010i - 2013 models) or GDS (for 2014 and 2015 models)?

Note: The Tech2 cannot be used to perform the Exhaust Aftertreatment Fuel Injector (HCI) Diagnosis.

If yes, record the diesel fuel volumes from each of the three Exhaust Aftertreatment Fuel Injector Volume tests:

Test 1: (ML)

Test 2: (ML)

Test 3: (ML)

Was the Exhaust Aftertreatment Fuel Injector (HCI) found to be leaking fuel when uncommanded?

Is there any indication of poor quality fuel or fuel contamination issues (such as water, gasoline or a high percentage of Bio-Diesel)?

Does the ECM have the latest calibration updates?

Other than what's been answered so far, please describe why you feel the DOC needs to be replaced.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

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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