



Preliminary Information

PIP5670C 3.0L (LM2) Diesel Turbocharger and EGR part restriction Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado 1500	2020	ALL	ALL	LM2	ALL
GMC	Sierra 1500	2020	ALL	ALL	LM2	ALL

Involved Region or Country:	North America
Condition:	As part of our ongoing quality improvement efforts, and to assist engineering with product concern identification, the components listed below are on restriction through GM PQC.
Cause:	Please follow the directions below contact the PQC.

If there are DTCs pertaining to turbocharger vane position sensor performance or position performance, please follow the instructions below:

- 1) Review the freeze frame/failure records prior to clearing the DTCs.
- 2) Review the Charge Air Boost Data.
- 3) Clear the DTCs and test drive the vehicle to see if any repeat.
- 4) Perform a turbocharger vane position relearn.
- 5) Review the Charge Air Boost Data a second time.
- 6) Review [PIP5632](#) and upload the session logs to the case.

If your diagnosis leads to turbocharger replacement, please contact the Product Quality Center (PQC) by opening a new case via Dealer Case Management (DCM) From the DCM home page, click on "New PQC Case" found on the Technical Assistance tab.

Then in Global Connect click on the Support/Chat tab, TAC-PQC Tab, PQC -Parts Restrictions Templates to Download the appropriate PQC -Parts Restrictions Template and save a copy to your computer, You can attach a copy of the template to your PQC Case.

Technician's Name and Direct Phone:

Parts Manager Name:

Parts Dept. Fax #:

Dealership's Current Address:

Vehicle Times In/Days Down

Q1: Is the part being requested for Customer Pay? Yes No

If Yes, why (ex: accident, theft etc.)?

Q2: What is the customer's concern?

Was the concern duplicated? Yes No

Q3: Was TAC contacted?

TAC Case #:

TAC Recommendations:

Q4: Has the vehicle been modified with non-production accessories?

Q5: Describe the failure:

Q6: Are there any unusual noises (Y/N)

Describe the the noise and location

Q7: Are there any exhaust, coolant or oil leaks? (Y/N)

If yes, indicate the location of the leak and be prepared to provide a picture

Q8: List any history and current (active) DTCs:

Q9: Are any of the DTCs repeatable? (Y/N)

Q10: What SI documents were used for diagnosis?

What step in the Circuit/System Testing section led to replacement?

Q11: Were there any previous repairs related to this concern? (Y/N)

Q12: Have all the engine grounds been checked? (Y/N) (If no, check)

Q13 Any Low power Concerns?(Y/N)

If yes, did a Reduced Power message appear on the DIC

Parts Information

Description:	Part Number:	Quantity:
CMPR AIR INTEGR TURBOCHARGER ASM	55515648	1
EXH BK PRESS VALVE ASM	55514983	1
MANIFOLD AIR INT	55511544	1

Additional SI Keywords

P0046, P2564, P2565, P003A, P100B,

Version History

Version	4
Modified	08/26/2019 - Created on 10/18/2019 - Updated to provide instruction on gathering additional data 01/10/2020 - Updated to change a part number 02/26/2020 - Updated to remove part numbers no longer restricted



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