



# Preliminary Information

## PIP5670A 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	55509165	1
EXH BK PRESS VALVE ASM	55510137	1
CHG AIR COOLER	55490572	1
EGR COOLER ASM	55513487	1
EGR VALVE	55510254	1
EGR PIPE ASM	55496727	1
EGR PIPE	55490626	1
EGR VALVE ASM	55510043	1
EGR CLR INLET PIPE ASM	55504239	1
EGR CLR OUTLET PIPE ASM	55511567	1
MANIFOLD AIR INT	55511544	1

Additional SI Keywords

P0046, P2564, P2565, P003A, P100B,

## Version History

Version	2
Modified	08/26/2019 - Created 10/18/2019 - Updated to provide instruction on gathering additional data



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