



Preliminary Information

PIP5668A 3.0L (LM2) Diesel Engine Coolant Flow Control Valve Part Restriction

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado 1500	2020	All	All	3.0L (LM2)	All
GMC	Sierra 1500	2020	All	All	3.0L (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
Cause:	The coolant control valve (part number 55511172) is on restriction through GM PQC

If there are DTCs pertaining to the coolant flow control valve performance or position performance, please review the freeze frame/failure records prior to clearing the DTCs. In an attempt to duplicate the concern, enter Module Diagnostics > ECM > control functions > Cooling System and attempt to cycle the valve in question through its travel, as outlined in circuit/system verification or testing. If the concern is not duplicated, enter Module Diagnostics > ECM > Configuration/Reset Functions > Learn Functions and perform Engine Coolant Control Valve learn. Once complete allow the vehicle to cold soak eight hours or more, start the engine and test drive it until it reaches full operating temperature and check for the codes to have reset.

The session logs will now contain the information necessary to assist engineering in determining the root cause of the failure. Please review the latest version of [PIP5632 For Attaching GDS2 Session Logs To Technical Assistance Cases Using Dealer Case Management \(US Dealers Only\)](#).and send the session log to tacsnapshot@gm.com. Your assistance is greatly appreciated.

If your diagnosis has led to replacement of the coolant control valve (part number 55511172) please contact the Product Quality Center (PQC) by creating a case using the Dealer Case Management (DCM).

From the DCM home page, click on "New PQC Case" found on the Technical Assistance tab.

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 then attach a copy of the template to your PQC Case.

The following part restriction questions are contained in the Global Connect PQC -Parts Restriction template:

Caller's Name/Position:

Technician's Name and Direct Phone:

Parts Manager name:

Parts Dept. Fax #:

Dealership's Current Address:

Vehicle Times In/Days Down

Is the part being requested for Customer Pay?

What is the customer's concern?

Was the concern duplicated?

Was TAC contacted? (Y/N)

If yes, provide the following information:

TAC Case #:

TAC Recommendations:

Has the vehicle been modified with non-production accessories?

Describe the failure:

List any history and current (active) DTCs:

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

What SI documents were used for diagnosis:

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

Were there any previous repairs related to this concern?

Have all the engine grounds been checked?

Are there any coolant leaks?

Did the engine show evidence of overheating? If yes, describe what you see that indicates signs of overheating.

Any Low power Concerns? (Y/N)

Additional SI Keywords

P1010, P1098, P26BB, P2B60,

Version History

Version	2
Modified	08-21-2019 - Created on 10-17-2019 - Updated to add direction to gather scan tool information



© 2019 General Motors. All Rights Reserved.