



Preliminary Information

PIP5874B 3.0L LZ0 Diesel Exhaust Backpressure Valve Part Restriction

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado	2023	All	All	3.0L LZ0	All
GMC	Sierra	2023	All	All	3.0L LZ0	All

Involved Region or Country	North America
Condition	As part of our ongoing quality improvement efforts the exhaust backpressure valve, part number 40009243, will be placed on a parts restriction through the Product Quality Center (PQC).
Cause	This parts restriction will assist Engineering with product feedback.

Correction:

U.S. Dealers:

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.

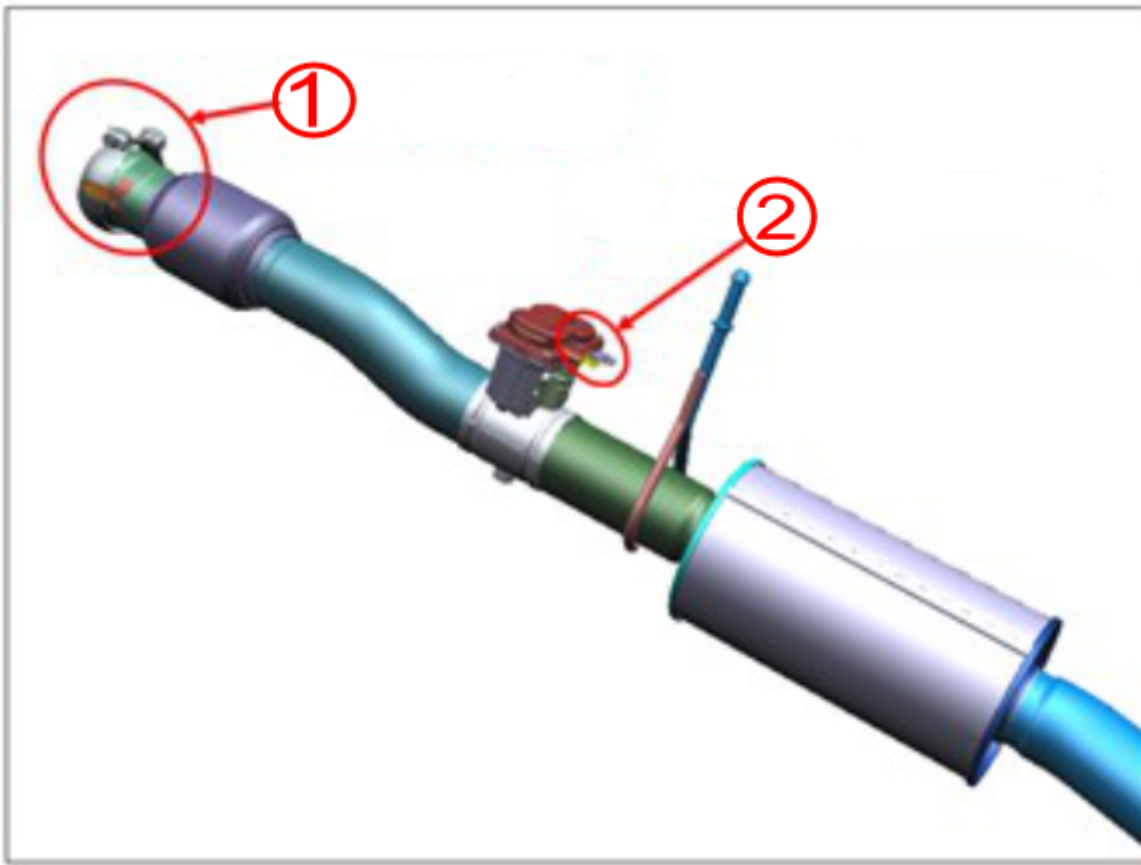
Then in Global Connect, click on the Support/Chat tab, TAC-PQC Tab, PQC - Parts Restrictions Templates to download the appropriate PQC - Parts Restrictions Template and save a copy to your computer.

You can attach a copy of the template to your PQC Case.

Note: Do not clear any DTCs prior to contacting the PQC.

If in question 8 of the template, DTC P2B97 is set and Service Information document ID 5509061 leads to replacement of the M122 Exhaust Pressure Control Valve Actuator, please proceed with these additional tests:

- 1) Remove the clamp and separate the rear exhaust pipe from the Nitrogen Oxide catalytic converter as shown in the illustration below (1), keeping the exhaust backpressure valve harness connector connected (2).

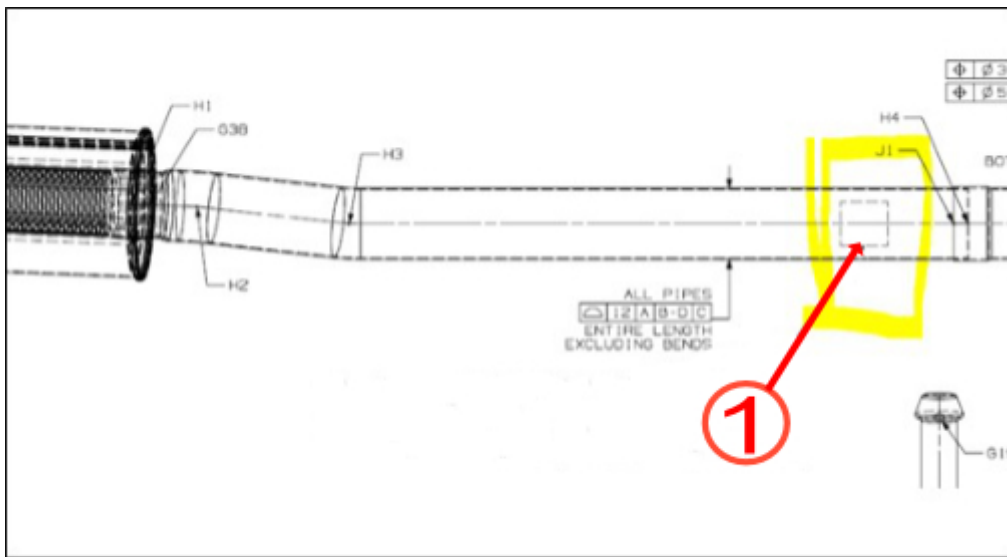


2) Use a borescope to watch the valve movement during the learning operation (which occurs when the ignition is cycled on then off). If the valve does not move, refer to the conditions for running the DTC on Service Information document ID 5509061.

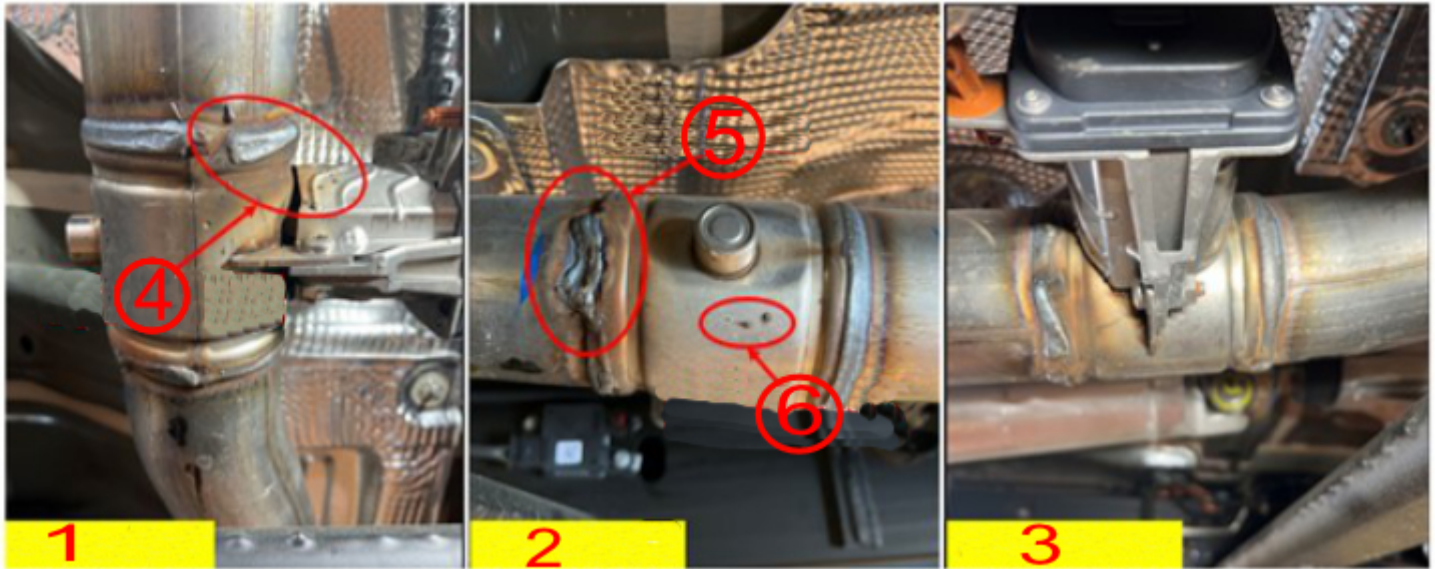
3) Note whether the valve moves smoothly through its entire travel and look for welding slag on the valve's flap as seen in the picture below.



4) If welding slag is found capture the image or take a picture of the bore scope's screen as well as the exhaust pipe's identification label (Illustration below) and submit the pictures in a field product report per bulletin 02-00-89-002 (Canadian dealers refer to bulletin 10-00-89-006). Replace the rear exhaust assembly from the clamp back. There is no need to continue with the remainder of the PQC template **(only if welding slag is present)**.



The pictures below are examples of improper welds you may see.



5) If there is no slag or other obstructions on the valve and it moves freely, continue with the PQC template at step 9.

Dealers in Canada :

The same procedures in this PI apply, but please contact the PQC by email at PQC@gm.com or by calling 1-866-654-7654 to receive the PQC -Parts Restriction Template then, return the completed Parts Restriction Questions for engineering review (if no welding slag is present).

Parts Information

Description	Part Number	Quantity
Exhaust Backpressure Valve	40009243	1

Version History

Version	3
Modified	10/14/2022 - Created on. 01/04/2023 - Modified to add diagnostic steps to supplement the template and add photos. 02/07/2023 - Modified to correct the name of the component to be replaced.



GENERAL MOTORS