



Preliminary Information

PIP5824 2021 HFV6 Engine Misfire On AFM Cylinders 2 or 5

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	CT5	2021	2/1/2021	7/1/2021	3.0 LGY	All
Cadillac	XT5	2021	2/1/2021	7/1/2021	3.6 LGX	All
Cadillac	XT6	2021	2/1/2021	7/1/2021	3.6 LGX	All
Chevrolet	Blazer	2021	2/1/2021	7/1/2021	3.6 LGX	All
Chevrolet	Camaro	2021	2/1/2021	7/1/2021	3.6 LGX	All
Chevrolet	Colorado	2021	2/1/2021	7/1/2021	3.6 LGZ	All
GMC	Acadia	2021	2/1/2021	7/1/2021	3.6 LGX	All
GMC	Canyon	2021	2/1/2021	7/1/2021	3.6 LGZ	All

Involved Region or Country	North America
Condition	A 2021 vehicle equipped with a HFV6 Gen2 engine with AFM may be brought into the dealership with misfires on cylinder 2 or 5. This could be misfire all the time or start after an AFM event that may or may not go away.
Cause	We have determined there is an issue with some rockers / SRFF's on the vehicles within the breakpoints listed above.

Correction:

- If you have a vehicle with this concern, swap the AFM rocker oil control solenoid in the camshaft cover from side to side and reevaluate.
- If the misfire remains or comes back after an AFM event on the same cylinder, replace all 4 rockers / SRFF's and all 4 SHLA's / lifters for the affected cylinder.
- If the misfire goes away or moves to the other bank, replace the AFM oil control solenoid.

Parts Information

Description	Part Number	QTY.
Switching valve rocker arm	12666601	4
Dual Feed Hydraulic Lash Adjuster	12690246	4

Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Please use the Labor Operation for the vehicle and bank you are working on.

Version History

Version	1
Modified	09/22/2021 - Created on.



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