



Preliminary Information

PIP5435A Pop Out Of Third Gear

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Camaro	2017	7/11/2016	8/18/2016	All	6SP MM6
Chevrolet	Corvette	2017	7/26/2016	8/18/2016	All	7 SP MEP, MEK
Cadillac	ATS-V	2017	8/3/2016	8/18/2016	All	6 SP MG9

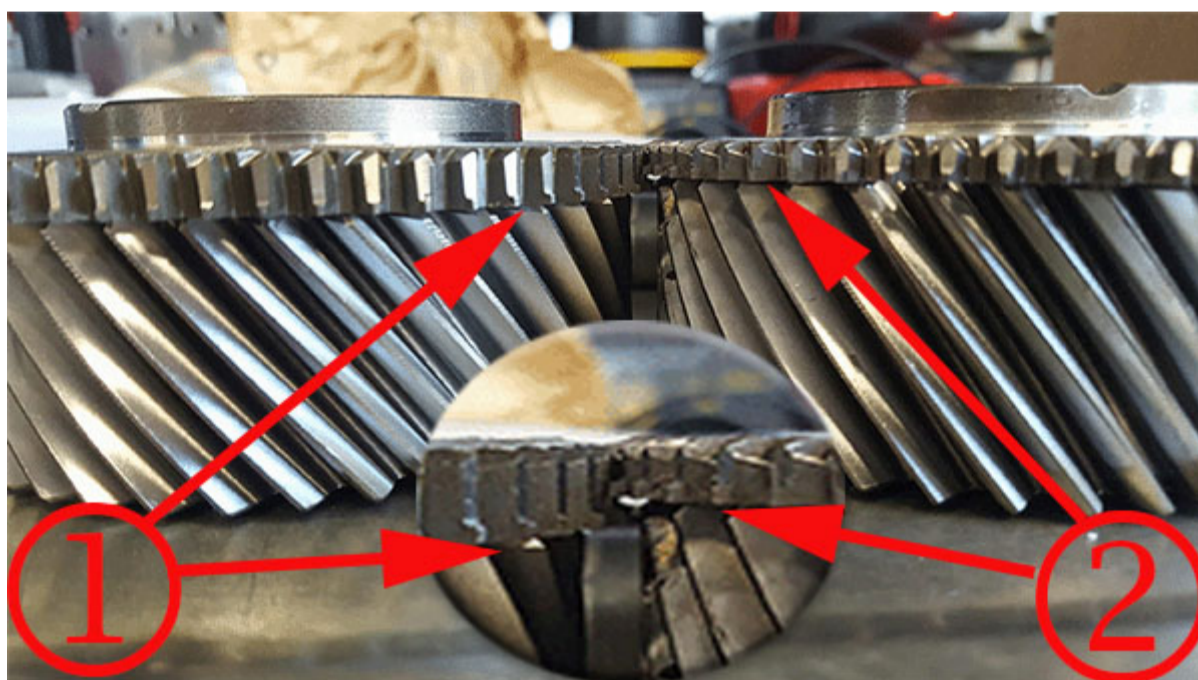
Involved Region or Country:	North America
Condition:	Dealer may notice a hop out of third gear condition during pdi or customer may return with very low mileage with a hop out of third gear.
Cause:	Mis-machined third gear installed into the transmission.

Correction:

For vehicles that are noticed during normal PDI or customer has returned with a hop/jump out of third gear concern that has been verified, replace the third speed gear, synchronizer and shift collar.

Below are pictures of the incorrectly machined gear (2) and the correctly machined gear (1). None of the incorrect gears (2) were ever shipped to or stocked by CC&A.

For vehicles that are still on dealer lots see the drive procedure listed below and perform during the PDI.



Service Procedure:

Turn engine on, Transmission in neutral.

- 1.- Shift to 1st gear, then shift to 2nd gear as quick as possible using low to medium throttle,
- 2.- After that, go to 3rd gear and remove hand from shift knob, accelerate quickly to medium or heavy throttle, then decelerate.
- 3.- If transmission does not jump out, go back to 2nd gear and repeat step No 2 ten times and observe if transmission jumps out of 3rd gear

If transmission does not jump out of third gear during this procedure then the transmission has the correctly machined third gear and no further action is required.

If there is a hop out of third gear concern noted then the transmission will need to be repaired, replacing the third speed gear, synchronizer and shift collar.

For transmissions needing internal repairs please see Main Shaft and Input Shaft Disassemble for the appropriate vehicle.

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.

Labor Operation:	Description:	Labor Time:
8442080	3rd and 4th Gear Synchronizer Replacement	Use Published labor time

Version History

Version	2
Modified	11/01/2016 - Created 02/07/2019 - Update model list and correct build date



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