



Service Bulletin

Bulletin No.: 23-NA-172

Date: September, 2023

TECHNICAL

Subject: Manual Transmission Pops/Jumps Out of Third Gear After Shifting and During Acceleration

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission: (Manual)			
		from	to	from	to					
Cadillac	CT4	2022	2024	—	—	—	MG9			
	CT5	2024	2024				MJI			
Chevrolet	Camaro	2010	2011				—	—	—	M10
		2016	2024							MM6
		2017	2020							MJK
		2018	2024							MH3
	Corvette	2006	2013							MZ6, MM6
Holden	Commodore	2014	2017							MER

Involved Region or Country	North America, Chile, Colombia, Ecuador, Paraguay, Europe, Russia, Middle East, Japan, Thailand. Australia/New Zealand
Condition	Some customers may comment that the transmission pops or jumps out of third gear after shifting and during acceleration.
Cause	This condition may be caused by a manufacturing defect in internal components.
Correction	<div style="text-align: center;"> </div> <p style="text-align: right; font-size: small;">6430406</p> <p>Replace specific transmission assemblies identified by the TUN label (1) and date code (2) outlined in the Parts Information.</p>

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

Service Procedure

Replace the transmission. Refer to Manual Transmission for Tremec 6-Speed Replacement in SI.

Parts Information



6430439

Inspect the Data Matrix Label for the TUET number.



6430412

1. Transmission Part Number
2. Date of Production
 - Example of date code decipher
 - Month: C - March
 - Year: D - 2023
 - Day (Two Digits): 07
 - Last Digit: Production shift
3. Customer Part Number
4. Serial Number

Inspect any replacement transmissions for the specific date codes (2) located in the parts list below prior to installing the unit in a vehicle. If these transmissions are found in your parts inventory, please return for credit.

Important: If you find that your complaint matches the bulletin, but your transmission identification does not match, please contact technical assistance for verification on repair direction.

Note: Transmissions with the specific part number and build dates listed below should be replaced with a new unit, rather than attempting a repair.

Causal Part	Description	Part Number	Qty
X	2022-2024 Cadillac CT4 with RPO (MG9)	24045453 TUET18148 Built between December 19, 2022 to January 9, 2023	1
X	2024 Cadillac CT5 with RPO (MJK)	24044484 TUET18091 Built between December 15, 2022 to January 4, 2023	1
X	2011 Camaro with RPO (M10)	92246731 TUET10860 Built on December 20, 2022	1
X	2016-2024 Camaro with RPO (MM6)	24298784 TUET17530 Built between December 21, 2022 to January 9, 2023	1
X	2020-2024 Camaro with RPO (MM6)	24298783 TUET17529 Built on January 9, 2023	1
X	2017-2020 Camaro with RPO (MJK)	24298781 TUET17527 Built between December 19, 2022 to January 10, 2023	1
X	2018-2024 Camaro with RPO (MH3)	24298780 TUET1726 Built between December 15, 2022 to December 21, 2022	1
X	2006-2009 Corvette with RPO (MZ6)	24252997 TUET10315 Built on December 20, 2022 or December 22, 2022	1
X	2010-2013 Corvette with RPO (MZ6)	24264050 TUET12009 Built on December 22, 2022	1
X	2006-2013 Corvette with RPO (MM6)	24264056 TUET12010 Built on December 22, 2022	1
X	2014-2017 Commodore with RPO (MER)	19418486 TUET17510 Built on December 22, 2022	1

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	Vehicle	Labor Time
8486348*	Manual Transmission Inspection	All	0.4 hr
Add	Transmission Replacement	2010–2011 Camaro	3.7 hrs
Add		2016–2024 Camaro	7.0 hrs
Add		2006-2009 Corvette	Base: 7.6 hrs Engine Code E: 7.9 hrs Engine Code T: 11.1 hrs
Add		2010-2013 Corvette	Engine Code E: 7.9 hrs Engine Code T: 11.1 hrs Engine Code W: 7.6 hrs
Add		2014-2017 Commodore	4.1 hrs
			3.0 (V6) hr 3.3 (V8) hr
*This is a unique Labor Operation for bulletin use only.			

Version	1
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GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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