



Service Bulletin

Bulletin No.: 24-NA-223

Date: October, 2024

INFORMATION

Subject: Alternate Lift Procedure for 6T30, 6T35, 6T40, 6T45, and 6T50 Transmissions

Brand:	Model:	Model Year:		Build Date:		Engine:	Transmission :
		from	to	from	to		
Buick	GM Passenger Cars and Crossovers	2010	2025	—	—	—	6T30, 6T35, 6T40, 6T45, 6T50
Cadillac							
Chevrolet							
GMC							

Involved Region or Country	North America
Condition	Some technicians may comment that the transmission lift plate DT-47811-2 may not fit all transmission cases properly for the 6T30, 6T35, 6T40, 6T45, and 6T50 transmissions.
Information	<p>The 6T30, 6T35, 6T40, 6T45, and 6T50 transmissions have been used in GM vehicles for many years and in many different configurations. The lift plate DT-47811-2 can't be modified to be used is all the current variants of it.</p> <p>An alternate lift procedure has been developed when the lift plate does not fit the top of the transmission case. It also can be used on all 6T30, 6T35, 6T40, 6T45, and 6T50 transmissions. Refer to the Service Procedure.</p> <p>Note: The bulletin pertains to any vehicle with a 6T30, 6T35, 6T40, 6T45 and 6T50 transmission from 2010 to 2025.</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

1. If required, install the torque converter holding strap (1) and bolt (2).
2. Tighten the strap to 58 Nm (43 lb. ft).
3. Install the EN-36857 Engine Lift Brackets (3) to the transmission using 2 grade 10.9 or higher flange bolts (4, 5) and 1 flange nut (6).
4. Tighten the bolt (4) to 100 Nm (74 lb. ft).
5. Tighten the bolt (5) and nut (6) to 58 Nm (43 lb. ft).
6. Attach the appropriate lifting equipment to the EN-36857 Engine Lift Brackets (3).
7. Utilizing a hoist, raise the transmission.
8. Remove the lifting equipment from the EN-36857 Engine Lift Brackets.

Version	1
Modified	Released October 09, 2025

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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