



Service Bulletin

Bulletin No.: 21-NA-238

Date: May, 2025

TECHNICAL

Subject: Transmission Fluid Leak Near Bellhousing Area

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 2500HD/ 3500HD	2020	2025			L5P, L8T	MGM, MGU, MKM
GMC	Sierra 2500HD/ 3500HD						

Involved Region or Country	North America, Australia, New Zealand.
Condition	Some customers may comment that a transmission fluid leak is coming from the bellhousing inspection cover.
Cause	This condition may be caused by the Automatic Transmission Case Front Cover Seal may be rolled or damaged.
Correction	If the leak has been verified to be coming from the front cover seal, replace the Automatic Transmission Case Front Cover Seal and the Torque Converter Fluid Seal.

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

Refer to *Automatic Transmission Case Front Cover Removal* and *Torque Converter Fluid Seal Replacement* in SI.

Note: Case Front Cover Bolt Specification:

- First Pass: Hand Tighten
- Second Pass: 5 N•m (44 lb in)
- Final Pass: 10.5 N•m (93 lb in)

Parts Information

Causal Part	Description	Part Number	Qty
X	SEAL, T/C FLUID	24293986	1
X	SEAL AUTO TRANS FRT CASE COVER	24277112	1

Causal Part	Description	Part Number	Qty
N/A	SEAL, TRANS FLUID CLR PIPE	85630659	1
N/A	SEAL-EXH SYS	84013962 (L5P)	1
N/A	GASKET-EXH MANIF PIPE	15126137 (L5P)	2
N/A	SEAL-EXH MANIF PIPE (Left)	20987829 (L8T)	1
N/A	SEAL-EXH MANIF PIPE (Right)	15077362 (L8T)	1
N/A	BOLT/SCREW-FRT PROP SHF	11548472 (4wd)	4
N/A	CLAMP-F/AXL PROP SHF SLIP YOKE BOOT	84526283 (4wd)	2
N/A	PLATE, CLU PRESS	24052451	1
N/A	BOLT/SCREW-A/TRNS CASE FRT CVR	11604747	15
N/A	BOLT, TRNS MNT	11548787	2
N/A	NUT, TRNS MNT	11548414	3
N/A	MOUNT, TRANS	85573625	1
N/A	SEAL, OUTPUT SEAL SQUARE CUT	24286193	1
N/A	FLUID, AUTO TRNS ULV	19352619 (U.S.) 19352620 (Canada)	15

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
8466580	Automatic Transmission Case Front Cover Seal Replacement	Use the Published Labor Operations Time

Version	9
Modified	<p>Released November 09, 2021</p> <p>Revised February 17, 2022 - Add 2022 to Model Year.</p> <p>Revised January 19, 2023 - Added Plate, Clutch Pressure and SEAL, TRANS FLUID CLR PIPE to Parts Information section.</p> <p>Revised January 03, 2024 - Added 2023 to 2024 Model Years, Added RPO MKM and Added 11604747 to Parts Information section.</p> <p>Revised January 22, 2024 - Added L8T to Engine section, Note to Service Procedure section and Added New Pipe Seal and Plate Part Numbers.</p> <p>Revised February 20, 2024 - Added Transmission Mount to Parts Information section.</p> <p>Revised May 30, 2024 - Added Front Cover Torque Specification to Service Procedure section.</p> <p>Revised July 16, 2024 - Added New Parts to Parts Information Section.</p> <p>Revised May 08, 2025 – Added 2025 Model Year.</p>

