



Service Bulletin

Bulletin No.: 24-NA-148

Date: September, 2024

TECHNICAL

Subject: Transmission Slip, Harsh 3-4 Shift or Harsh 5-6 Shift, Delayed Shifts, Delayed Shift into Reverse, Harsh Shift into Reverse, Slips in Reverse or No Reverse, Malfunction Indicator Lamp (MIL) Illuminated - DTC P2714 and/or P2732 Set

Attention: This TSB only applies to the 10L1000 RPO (MKM) with the 6.6 (L8T) gas engine. This does not apply to 10L1000 (MGM) (MGU) with 6.6 (L5P) diesel engine.

Brand:	Model:	Model Year:		Build Date:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 2500HD/3500HD	2024	2024			L8T	MKM
GMC	Sierra 2500HD/3500HD						

Involved Region or Country	North America
Additional Options (RPOs)	
Condition	Some customers may comment on one or more of the following: • Transmission Slip • Harsh 3-4 Shift or Harsh 5-6 Shift • Delayed Shifts • Delayed Shift into Reverse • Harsh Shift into Reverse • Slipping in Reverse or No Reverse • MIL illuminated Note: A condition of slipping in reverse or no reverse only, will not set a DTC Some technicians may find one or more of the following DTCs set in the Transmission Control Module (TCM): • P2714: Transmission Control Solenoid Valve 4 Stuck Off • P2732: Transmission Control Solenoid Valve 6 Stuck Off
Cause	This condition may be caused by the 1-2-3-4-6-7-8-10-Reverse Clutch (C4) may have experienced premature degradation of the C4 Apply Piston Outer Seal (525) due to the seal contact area machine finish of the Triple Clutch Housing (518):



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- A good seal will have an orange stripe.



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- A degraded seal will be all black.

	 6712761 • The 4-5-6-7-8-9-10-Reverse Clutch (C6) may have experienced a de-bond (1) or tear (2) condition of the C6 Apply Piston (534).
Correction	Note: Inspection of the transmission oil pan in many cases, will show no or minimal clutch sediment present.Replacement of the valve body does not resolve the condition. Replace the Triple Clutch Housing (518), 1-2-3-4-6-7-8-10-Reverse Clutch (C4) Apply Piston (523), C4 Apply Piston Outer Seal (525) and the 4-5-6-7-8-9-10-Reverse Clutch (C6) Apply Piston (534).

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 *Triple Clutch Housing Disassemble in SI* and *Triple Clutch Housing Assemble in SI*.

Parts Information

Note: Only select the parts that coincide with the repair performed. Replace the part with the P/N outlined in the Electronic Parts Catalog (EPC) in accordance with the vehicle VIN.

Causal Part	Description	Part Number	Qty
X	HOUSING ASM-TRIPLE CLU	24048492	1
N/A	SEAL-EXH MANIF PIPE (Left)	20987829	1
N/A	SEAL-EXH MANIF PIPE (Right)	15077362	1
N/A	BOLT/SCREW-FRT PROP SHF	11548472	4

Causal Part	Description	Part Number	Qty
N/A	CLAMP-F/AXL PROP SHF SLIP YOKE BOOT	84526283	2
N/A	1-2-3-4-6-7-8-10- Reverse Clutch Piston Dam Seal	24278893	1
N/A	1-2-3-4-6-7-8-10- Reverse Clutch Piston Seal - Inner	24277273	1
N/A	PISTON-1-2-3-4- 6-7-8-10-REV CLU	24284493	1
N/A	1-2-3-4-6-7-8-10- Reverse Clutch Piston Seal - Outer [2x]	24284497	2
N/A	PLATE-1-2-3-4-6- 7-8-10-REV CLU	24294733	5
N/A	PLATE ASM-1-2-3-4-6-7- 8-10-REV CLU	24294734	5
N/A	RING-1-2-3-4-6-7 -8-10-REV CLU BKG PLT RET (SELECTIVE) (Silver 1.70 - 1.80 MM)	24284503	1
N/A	RING-1-2-3-4-6-7 -8-10-REV CLU BKG PLT RET (SELECTIVE) (Yellow 2.05 - 2.15 MM)	24284504	1
N/A	RING-1-2-3-4-6-7 -8-10-REV CLU BKG PLT RET (SELECTIVE) (Light Blue 2.05 - 2.15 MM)	24284505	1
N/A	RING-1-2-3-4-6-7 -8-10-REV CLU BKG PLT RET (SELECTIVE) (White 3.11 - 3.21 MM)	24284507	1
N/A	2-3-4-5-7-9-10 Clutch Piston Dam Seal	24275991	1
N/A	2-3-4-5-7-9-10 Clutch Piston Seal - Inner	24275992	1
N/A	2-3-4-5-7-9-10 Clutch Piston Seal - Outer [2x]	24284493	2
N/A	PLATE ASM-2-3-4-5-7-9- 10 CLU	24294732	4
N/A	PLATE-2-3-4-5-7- 9-10 CLU	24294731	4
N/A	SEAL-TURB SHF	24291990	1
N/A	SEAL-TURB SHF	24291989	5

Causal Part	Description	Part Number	Qty
N/A	RING-TURB SHF RET	24278735	1
N/A	SEAL-TURB SHF	24277929	1
N/A	4-5-6-7-8-9-10- Reverse Clutch Piston (bonded)	24284518	1
N/A	4-5-6-7-8-9-10- Reverse Clutch Piston Dam Seal - Inner	24284521	1
N/A	4-5-6-7-8-9-10- Reverse Clutch Piston Dam Seal - Outer	24284520	1
N/A	RING-4-5-6-7-8-9 -10-REV CLU BKG PLT RET (SELECTIVE)	24284510	1
N/A	RING-4-5-6-7-8-9 -10-REV CLU BKG PLT RET (SELECTIVE) (yellow)	24284511	1
N/A	RING-4-5-6-7-8-9 -10-REV CLU BKG PLT RET (SELECTIVE) (light blue)	24284512	1
N/A	RING-4-5-6-7-8-9 -10-REV CLU BKG PLT RET (SELECTIVE) (orange)	24284513	1
N/A	RING-4-5-6-7-8-9 -10-REV CLU BKG PLT RET (SELECTIVE) (white)	24284514	1
N/A	PLATE ASM-4-5-6-7-8-9- 10-REV CLU	24294736	4
N/A	PLATE-4-5-6-7-8- 9-10-REV CLU	24294735	4
N/A	SEAL, T/C FLUID	24293986	1
N/A	SEAL AUTO TRANS FRT CASE COVER	24277112	1
N/A	Bolt, AUTO TRANS FRT CASE COVER	11604747	15
N/A	SEAL, TRANS FLUID CLR PIPE	85630659	1
N/A	PLATE, CLU PRESS	24052451	1
N/A	BOLT, TRNS MNT	11548787	2
N/A	NUT, TRNS MNT	11548414	3
N/A	SEAL, OUTPUT SEAL SQUARE CUT	24286193	1

Causal Part	Description	Part Number	Qty
N/A	FLUID, AUTO TRNS ULV	19352619 (U.S.)	15
N/A	FLUID, AUTO TRNS ULV	19352620 (Canada)	15
N/A	RETAINER-FRT PROP SHF (35mm Cup)	23170499	2
N/A	RETAINER-FRT PROP SHF (30 MM Cup)	23107857	2

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
8486408*	Triple Clutch Housing Replace and Overhaul (L8T) (MKM)	10.3 hr
Add	Triple Clutch Housing Replace and Overhaul (L8T) (MKM) (F48)	1.7 hr

*This is a unique Labor Operation for Bulletin use only.

Version	1
Modified	Released September 24, 2024

