



Preliminary Information

PIP5946 Intermittent Transmission DTC'S Caused by Loose or Poor Connections at X175

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Colorado	2023 - 2024	All	All	L3B	MFC N8R
Chevrolet	Silverado 1500	2024	All	All	L3B	MFC
GMC	Canyon	2023 - 2024	All	All	L3B	MFC N8R
GMC	Sierra 1500	2024	All	All	L3B	MFC

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Involved Region or Country:	North America
Condition:	Check Engine Light On
Cause:	Poor Terminal Connections at the Transmission Connector

Correction:

Some technicians may find the Check Engine Light illuminated

Upon inspection one or more of the following DTC'S may be set P0700, P0703, P0707, P0708, P0711, P0712, P0713, P0716, P0717, P0721, P0722, P0723, P0746, P0747, P0776, P0777, P077C, P077D, P0796, P0797, P07BF, P07C0, P0815, P0816, P0826, P0841, P0842, P0843, P0960, P0962, P0963, P0964, P0966, P0967, P0968, P0970, P0971, P0960, P0962, P0963, P0964, P0966, P0967, P0968, P0970, P0971, P0960, P172A, P172B, P175E, P175F, P1761, P176B, P176C, P176D, P1775, P1783, P178F, P17CE, P17D3, P2670, P2671, P2714, P2715, P2718, P2720, P2721, P2723, P2724, P2727, P2729, P2730, P2736, P2738, P2739, P2796, P2797, P2798, P2799, P27A7, P27A8, P27A9, P27AA, P27AB, P27AC, P27AD, P27A7, P27A8, P27A9, P27AA, P27AB, P27AC, P27AD, P30BD

Before any internal repairs or inspections are performed a thorough inspection of the transmission connector should be performed

First remove the connector and verify all the terminals are properly seated

If no concern is seen, the next step should be to review SI and verify the correct terminal tension tool

Using that tool inspections of proper terminal tension should be inspected

If poor terminal tension is found, then repair or replace the terminal as needed and re-evaluate the concern

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

Version History

Version	1
Modified	10/27/2023 - Created on.



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