



Preliminary Information

PIP5722A Diagnostic Tips For P0708 Setting On Vehicles Equipped With 8L45 8L90 10L60 10L80 10L90 Transmissions

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	CT4	2020	All	All	All	M5M
Cadillac	Escalade	2020	All	All	All	MF6
Chevrolet	Camaro	2020	All	All	All	MI1 MI2 MI4
Chevrolet	Express	2020	All	All	All	M5U MQD
Chevrolet	Silverado 1500	2020	All	All	All	MQB MQE
Chevrolet	Suburban	2020	All	All	All	MF6
Chevrolet	Tahoe	2020	All	All	All	MF6
GMC	Savana	2020	All	All	All	M5U MQD
GMC	Sierra 1500	2020	All	All	All	MQB MQE
GMC	Yukon	2020	All	All	All	MF6

Involved Region or Country	North America
Condition	Customer may comment that the check engine light is on in their vehicle.
Cause	Technician's my find DTC P0708 in the transmission control module.

Correction:

Diagnostics should begin by asking the customer if they have had any concerns with the engine cranking slowly or does not crank at all while attempting to start the vehicle.

Review the freeze frame data for the P0708 code to see if the system voltage was low when the code set.

If the system voltage was low in the freeze frame data or the customer had a concern with the while starting the vehicle charge the battery and perform a battery test.

If the battery fails the battery test replace the battery and clear the code then test drive the vehicle.

If the code does not reset release the vehicle to the customer.

If no concerns were found with the battery, monitor the transmission range sensor data range, should read between 7 to 93 percent.

Drive the vehicle to get the transmission fluid temperature up to operating temperature.

If the transmission range sensor reading stays between 7 to 93 percent release the vehicle to the customer.

If the transmission range sensor reading do not stay between 7 to 93 percent try disconnecting and reconnecting the pass through to engine harness connector.

If the issue returns following reconnection, replace the transmission pass through internal harness.

Version History

Version	2
Modified	04/09/2020 - Created on. 09/11/2020 - Updated the transmission range sensor data to match current GDS2 software. Added to disconnect and reconnect the pass through to engine harness connector and retest for the concern.



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