



Bulletin No.: PIT6212A
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Preliminary Information

PIT6212A Service Trailer Brake Message With DTC C1114 When Connected To A Trailer With A Hydrastar Electric Over Hydraulic Trailer Brake Actuator

Models

Brand:	Model:	Model Years:	VIN: from to	Engine:	Transmissions:
Chevrolet Silverado	2500/3500 HD	2024	All	All	All
GMC	Sierra 2500/3500 HD	2024	All	All	All

Involved Region or Country	North America
Additional Options (RPO)	JL1
Condition	Some customers may comment when they connect a trailer, that has a Hydrastar Electric Over Hydraulic trailer brake system, that intermittently a Service Trailer Brake message will be displayed. They may notice this issue happens more often during lighter trailer brake applications. When checking for DTCs a C1114 will have set.
Cause	The cause of this concern is with the Hydrastar Electric Over Hydraulic trailer brake actuator generating a voltage spike into the trucks electrical system which causes the DTC to set with the service message.

Correction:

To verify the truck's trailer brake system is working properly, use the Trailer Simulator Tool, P/N EL-52641 to test the trucks trailer brake system. If the trucks trailer brake system is functioning, then no repairs should be made to the truck. This is not a truck related issue and the issue rest within the trailer. The issue with the trailer may or may not be the voltage spike, from the Hydrastar Electric Over Hydraulic trailer brake actuator, but there is an issue within the trailer, and it should be inspected by a trailer repair shop. Hydrastar is aware of this voltage spike issue and is working on a solution.

NOTE: GM Engineering is not aware of this voltage spike issue happening with any other brand of Electric Over Hydraulic trailer brake actuators.

Important: Be aware of bulletin [23-NA-149](#), which can also cause a C1114 DTC.

Warranty Information

Trailer related repairs are not covered under the GM vehicle Warranty.

Version History

Version	2
Modified	08/06/2024 - Created on. 08/14/2024 - Update to the models and correction sections