



Bulletin No.: PIT6212

Published date: N/A

Preliminary Information

PIT6212 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:
Cadillac	Escalade Models	2021 - 2024	All	All All	All
Chevrolet	Silverado	2015 - 2025	All	All All	All
Chevrolet	Suburban	2015 - 2024	All	All All	All
Chevrolet	Tahoe	2015 - 2024	All	All All	All
GMC	Sierra	2015 - 2025	All	All All	All
GMC	Yukon Models	2015 - 2024	All	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: On 2023 and 2024 vehicles 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	1
Modified	08/06/2024 - Created on.

 GM Global Brands

© 2024 General Motors. All Rights Reserved.