



Service Bulletin

Bulletin No.: PIP6108

Date: April, 2026

PRELIMINARY INFORMATION

Subject: Diagnostic Tip PTO inoperative with DTC P251A

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 4500HD 5500HD 6500HD	2019-2023		All	All	All	All

Involved Region or Country	North America
Condition	Some customers may comment on the Power Take-Off (PTO) being Inoperative with DTC P251A setting. This concern may be intermittent.
Cause	The cause of this condition could be a vehicle ground.

Correction

If after following normal SI diagnostics and a root cause is not found, then before any parts are replaced inspect and clean the following ground locations:

Prior to replacement of the switch the vehicle grounds should be inspected using the following procedure:

1. Check G120 which is the Main PTO ground.
 - a. G120 is on the left side of the engine.
 - b. Make sure the ground bolts is not too long and the ground eyelet has proper clamp load.
 - c. Inspect for the red anti-corrosion paint between block and eyelet and the eyelet and the bolt head review the pictures below. Clean and repair as necessary.



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- Check G340 which is the main battery ground located on the Driver side frame rail.
- Inspect to make sure there is nothing between the eyelet and the ground cable and that there is proper tension on the ground cable. Clean and repair as necessary.
- Check G398 and G399 which is the left frame rail to right frame rail ground cable.
- Inspect for proper tension and eyelet clamp load to the frame rail.
- Inspect for red anti-corrosion paint, corrosion, or debris between the ground cable eyelet and the frame rail. Clean and repair as necessary.
- Check G108 and G110 which is the main engine to frame ground.

- Ground G108 is on the right front inner frame rail and G110 is on the right side of the engine.
- Inspect for the bolt being the proper length and not bottoming out, this will cause the bolt to be tight but no clamp load on the eyelet
- Inspect for the red anti-corrosion paint being between the eyelet and the engine block and the bolt and the eyelet please see the pictures below. Clean and repair as necessary.



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- Check G198 and G199 which is the main Body to left frame rail ground.
- G198 is on the body and G199 is on the left front frame rail
- Inspect for proper eyelet clamp load and for red anti-corrosion paint between the bolt head, eyelet and the engine block or body stud. Please see the below pictures. Clean and repair as necessary.



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After the repairs have been made please evaluate the concern to verify the concerns have been corrected.

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