



Preliminary Information

PIT5387N Snow Plow Generator Harness Installation / Radio HVAC IPC Blank out When Operating a Snow Plow

Product Investigation Review Required

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado 1500	2014	All	All	All	All
Chevrolet	Silverado	2015 - 2024	All	All	All	All
GMC	Sierra 1500	2014	All	All	All	All
GMC	Sierra	2015 - 2024	All	All	All	All

With Snow Plow Prep Package (RPO VYU)

Supersession Statement

This PI was superseded to update the warranty section. Please discard PIT5387M.

Condition / Concern

Some owners may experience any of the following: IPC cluster/radio/HVAC display blanks out, Bluetooth phone or Pandora connection dropped, the radio station or volume changes when operating the snow plow.

A snow plow places very high electrical loads on a truck's charging system when it is being operated (during plow movement). It demands the highest load (as high as 200 amps) when it is raised up completely or turned to either left or right maximum angle. As this load is turned on and off, the truck's charging system has to react within a fraction of a second to either increase or decrease its output to meet the plow's requirements.

There is no way for the truck's charging system to know when the driver is going to operate the snow plow, and in some cases, when the load is suddenly turned off, the charging system may momentarily over-charge for a fraction of a second. If this happens it can cause the various complaints listed above.

Recommendations / Instructions

To correct this condition install the snow plow generator jumper harness.

For 2019 (new body style) to 2024 trucks, please reference the latest version of GM Upfitter Integration Bulletin 161 for additional information and installation instructions.

For 2014 to 2019 (old body style) trucks, please reference the latest version of GM Upfitter Integration Bulletin 124 for additional information and installation instructions.

To view these bulletins, access <http://www.gmupfitter.com/>, select the "TECHNICAL BULLETINS" tab followed by "Show all bulletins". For any questions regarding these upfitter bulletins, please contact GM Upfitter.

Warranty Information

This unique labor operation is a one time use and does not expire with the base warranty.

Labor Operation	Description	Labor Time
0580178*	Install Generator/Snow Plow Harness	1.2 Hr.

*** This is a unique labor operation for bulletin use only.**

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.

Additional SI Keywords

15208



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