



Preliminary Information

PIT5387E 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 - 2018	All	All	All	All
GMC	Sierra 1500	2014	All	All	All	All
GMC	Sierra	2015 - 2018	All	All	All	All

With Snow Plow Prep Package (RPO VYU)

Supersession Statement

This PI was superseded to add the 2018 models and update the recommendations. Please discard PIT5387D.

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.

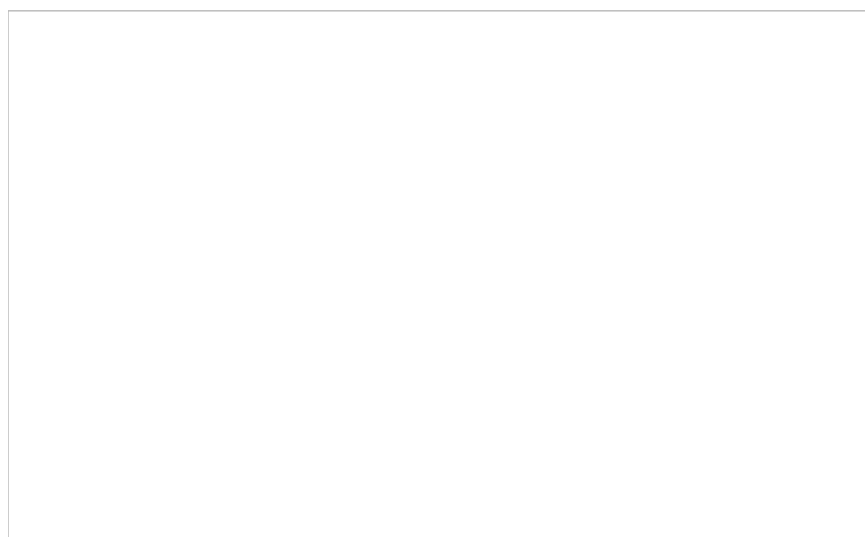
A snow plow places very high electrical loads on a truck's charging system when it is being operated (during plow movement). It demands the highest load (as high as 200 amps) when it is raised up completely or turned to either left or right maximum angle. As this load is turned on and off, the truck's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

GM Engineering has released a generator snow plow jumper harness, part number 84043394, to correct this concern. Please reference the latest version of GM Upfitter Integration Bulletin 124 for additional information and installation instructions. To view this bulletin, access <http://www.gmupfitter.com/>, select the "TECHNICAL BULLETINS" tab followed by "Show all bulletins".

Note: Relay bracket P/N 84234282 (shown below), which is being shipped in the loose parts bag, has prompted questions regarding what it is used for and where to install it. This bracket is intended to replace the left front diagonal brace between the fender and radiator tie bar to provide a mounting spot for the generator snow plow jumper harness relay. Follow the latest version of GM Upfitter Bulletin 124 for mounting the relay.



Parts Information

Part Number	Description	Qty
84043394	Generator Snow Plow Jumper Harness	1

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
0580178*	Install Generator/Snow Plow Harness	1.2 hr
* This is an 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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