



# Preliminary Information

## PIT5387G 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 - 2020  | All  | All | All     | All            |
| GMC       | Sierra 1500    | 2014         | All  | All | All     | All            |
| GMC       | Sierra         | 2015 - 2020  | All  | All | All     | All            |

**With Snow Plow Prep Package (RPO VYU)**

**Supersession Statement**

**This PI was superseded to add the 2020 models and update the Title and Recommendation. Please discard PIT5387F.**

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

**For 2019 (new body style) to 2020 trucks, please reference the latest version of GM Upfitter Integration Bulletin 161 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

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage

information.

| Labor Operation  | Description                         | Labor Time |
|--|-------------------------------------|------------|
| 0580178*   | Install Generator/Snow Plow Harness | 1.2 hr     |
| <b>* This is a unique labor operation for bulletin use only.</b> |                                     |            |

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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