Preliminary Information

PIT5412C Headlight Flicker Or Inoperative When Switching Between The Truck And Snow Plow Headlights

Models

Brand:	Model:	Model Years:	VIN: from	VIN: to	Engine:	Transmissions:
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

Supersession Statement

This PI was superseded to add the 2018 models. Please discard PIT5412B.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition / Concern

Some owners with snow plow equipment, may notice that either the truck or the snowplow's headlights are flickering or Inoperative. This may affect either the LH or the RH lamp assembly. This may also occur when switching back and forth between the truck and the snow plow headlights. When checking for DTC's, the BCM may or may not set a B2575 and/or B2699.

Some snow plow manufacturers offer a headlight changeover module for switching between the truck's headlights and the snowplow's headlights. Depending on the type of headlights the truck is equipped with and the way they are controlled the headlight changeover module may not operate correctly with the truck's headlight system. This can cause either or both the truck or snow plow headlights to flicker during changeover.

Recommendations / Instructions

This is not an issue with the truck's headlight system. Contact the snowplow manufacturer/upfitter for additional information on their headlight changeover system. Also, please reference the latest version of GM Upfitter Integration Bulletin 116 for additional information on these circuits. It can be found at http://www.gmupfitter.com/, under the "Technical Bulletin" Tab and then "Show all bulletins."
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.