



Bulletin No.: PIT5887A  
Published date: 10/4/2022

## Preliminary Information

### PIT5887A Diagnostic Aid: Intermittent Vehicle Powers Up But Will Not Crank

#### Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Colorado	2021 - 2022	All	All	LGZ	All
Chevrolet	Equinox	2021 - 2022	All	All	LYX	All
GMC	Canyon	2021 - 2022	All	All	LGZ	All
GMC	Terrain	2021 - 2022	All	All	LYX	All

Involved Region or Country:	North America
Condition:	Intermittent No Crank. Vehicle Powers Up Normally.
Cause:	Oxidized B+ Nut or Stud On The Starter Solenoid.

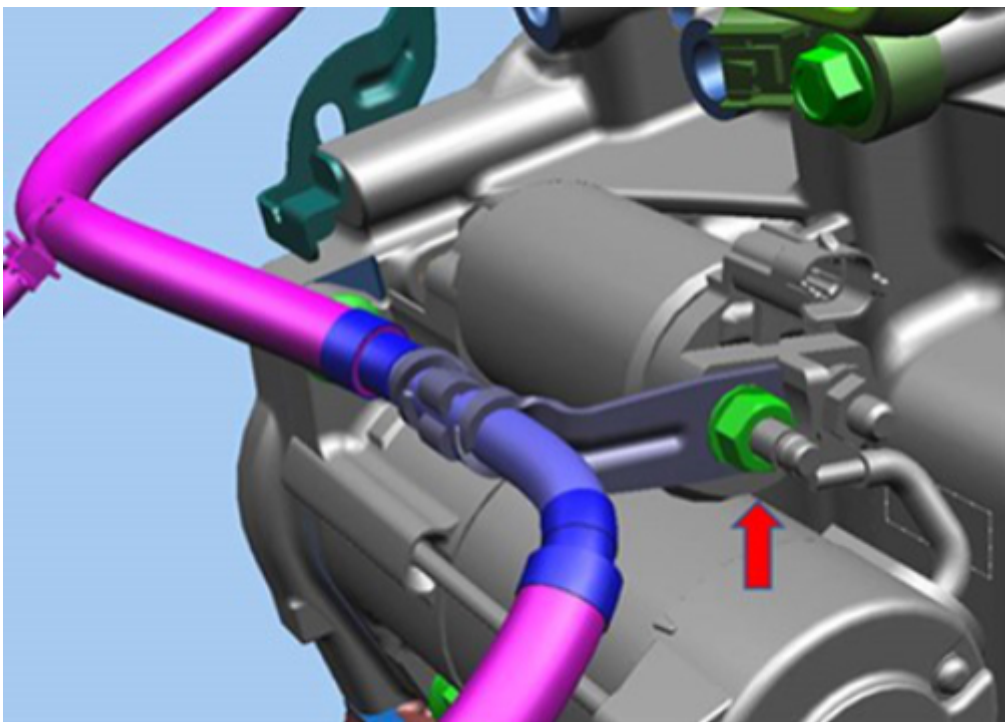
#### Correction:

If a vehicle presents with an intermittent power up but no crank concern verify the BCM Power Mode Data shows Crank, the ECM Electrical Data shows active Crank Request and Crank Relay Command.

If data is correct, check for power at the B+ terminal at the starter.

If present, inspect the B+ stud on the starter for oxidation as shown below.





If it's oxidized as shown in the photos, you should replace the nut and clean the stud terminals and re-check starter function.

If this corrects the concern, release the truck.

If not, continue with starter diagnosis / replacement.

### Warranty Information

For vehicles repaired under the Power train coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IV) for coverage information.

Labor Operation	Description	Labor Time
4088658*	Replace B+ Starter Nut and Clean Stud LGZ and LYX Base:	0.5 hrs
	Diagnostic Add:	0.0 - .5 hrs
	AWD Vehicles : Add Time to remove transfer case	1.3 hr
*This is a unique Labor Operation for Bulletin use only.		

### Version History

Version	2
Modified	01/26/2022 - Created. 04/27/2022 - Revised to add Colorado and Canyon models and to add a bulletin specific labor operation.



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