



Preliminary Information

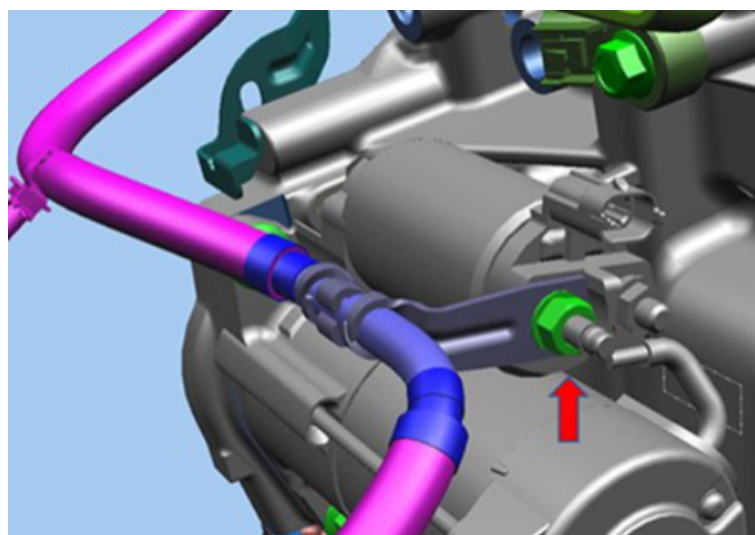
PIT5887 Diagnostic Aid: Intermittent Vehicle Powers Up But Will Not Crank

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Equinox	2021 - 2022	All	All	LYX	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.

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.

Version History

Version	1
Modified	01/26/2022 - Created on.



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