



Preliminary Information

PIT5546E Dead Battery / P1682 / Crank No Start / Unable to Program ECM / Headlamp Water Intrusion / Engine Runs with Ignition Off

Product Investigation Review Required

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado 1500	2016 - 2018	All	All	All	All
Chevrolet	Silverado 1500 LD	2019	All	All	All	All
GMC	Sierra 1500	2016 - 2018	All	All	All	All
GMC	Sierra 1500 Limited	2019	All	All	All	All

Involved Region or Country	North America
Condition	Some customers may comment on any of the following: - No crank - Dead battery - Crank no start - Unable to SPS program ECM - DTC P1682, P129D, P10E4 or P2535 - Engine stays running with ignition off While performing normal diagnostics, voltage may be found on any one of the following underhood electrical center fuses with the ignition off: F26UA, F31UA, F34UA, F39UA, F40UA, or F56UA. These fuses are switched ignition and should not have any voltage with the ignition off. This can cause multiple modules to stay awake and never go to sleep causing a dead battery. These concerns can be intermittent and may be more apparent during wet weather conditions.
Cause	Water intrusion into either of the headlamp assemblies or the headlamp assembly connections can cause any one of the above conditions.

Correction:

Inspect each headlamp assembly for water intrusion. If water intrusion is found, disconnect the appropriate headlamp assembly and evaluate the condition. If condition is alleviated, replace headlamp

assembly as necessary. If disconnecting the headlamp assembly does not alleviate the condition, check for water intrusion in the headlamp assembly connections and repair as necessary.

Version History

Version	6
Modified	01/27/2017 - Created 07/25/2017 - Added DTC 01/25/2018 - Updated model year 01/04/2019 - Updated model year 02/01/2019 - Updated to add DTC P2535 04/24/2019 - Updated to add keywords and change condition verbiage.

