



Bulletin No.: PIT5860B

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Preliminary Information

PIT5860B Diagnostic Tip - No crank / Remote Learn Pending or Ready For FOB Message / Unable To Exit RVS When Ignition Mode Button Is Pushed / Symptoms Of A Dead Battery

Product Investigation Review Required

Models

Brand:	Model:	Model Years:	VIN: from to	Engine:	Transmissions:
Chevrolet	Silverado 1500 (New Model)	2019	All All All	All	All
Chevrolet	Silverado	2020 - 2021	All All All	All	All
Chevrolet	Silverado 1500 LTD (RPO J21, VIN Digit 5 = W or Y)	2022	All All All	All	All
Chevrolet	Silverado 2500/3500	2022 - 2023	All All All	All	All
Chevrolet	Traverse	2018 - 2022	All All All	All	All
GMC	Acadia	2017 - 2022	All All All	All	All
GMC	Sierra 1500 (New Model)	2019	All All All	All	All
GMC	Sierra	2020 - 2021	All All All	All	All
GMC	Sierra 1500 (RPO J21, VIN Digit 5 = 8 or 9)	2022	All All All	All	All
GMC	Sierra 2500/3500 HD	2022 - 2023	All All All	All	All

Involved Region or Country	North America
Additional Options (RPO)	With RPO BTM - Keyless Engine Start
Condition	<p>Some customers may comment on any of the following symptoms:</p> <ul style="list-style-type: none"> - When trying to start the engine using the S38 Ignition Mode Button, nothing happens and it appears as if the battery is dead. - DIC message: "Remote Learn Pending", "Key Learn Pending" or "Ready For FOB 3,4, etc.". - During a RVS start when the S38 Ignition Mode Button is pushed to exit RVS the vehicle will not transition to Run mode. - In some cases DTC B3031
Cause	<p>The cause of these symptoms could be the vehicle falsely entering the Manual Transmitter Programming Mode (without SPS), which can be found on SI Document ID: 3575855.</p> <p>Using SI Document ID: 4994319 as an example wiring diagram, circuit 1124 (drivers door lock cylinder unlock signal) runs between the A23D Drivers Door Latch to the S146 Drivers Power Window Switch. If the S146 receives five consecutive inputs on this circuit, the S146 will send a LIN bus message to the BCM and the BCM then enters Manual Transmitter Programming Mode.</p>

Correction:

These concerns may be very intermittent and it can be helpful to question the customer on each of the symptoms to help determine if the vehicle is falsely entering Manual Transmitter Programming Mode or not. If you suspect this is the cause, then the A23D Drivers Door Latch, S146 Drivers Power Window Switch or circuit 1124 could be the fault. If you are able to duplicate the issue, then monitor or remove circuit 1124 either at the A23D or S146 to help isolate the root cause.

Warranty Information

The correction for this concern may be one of several repairs. For vehicles repaired under warranty, please use the appropriate warranty labor operation based on the actual cause and repair.

Version History

Version	3
Modified	10/18/2021 - Created on. 04/29/2024 - Updates to the Title and Condition sections 08/30/2024 - Updates to the Models, Title and Condition sections

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