



Preliminary Information

PIC6439 Diagnostic Tip for a B1517 DTC

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Corvette	2014 - 2019	All	All	All	All

Involved Region or Country	North America
Condition	The reason that a vehicle has been brought into the dealership may vary widely.
Concern	During the initial diagnosis, a technician may find a B1517 set in one of the vehicles listed above.

Correction:

If a B1517 is found set in any module, or even multiple modules, dealership technicians are to first inspect the battery cable connections. In many cases, the small black wire that connects to the larger battery negative cable is loose or damaged. If the vehicle history is reviewed, or the customer is further questioned, it will usually be found that a battery was recently replaced in the vehicle. This may have been done by a tech unfamiliar with the vehicle, a different shop, or even by the customer himself.

Closely inspect the small black wire seen in the photo below. It may be loose, rotated, or pulled out of the actual terminal. Any loose connection or damage to this circuit may cause a B1517, especially with a symptom 5A.



It should also be noted that this is not a manufacturing concern, but rather this issue is caused by improper service work that was previously done on the vehicle. Resecure / repair the connection as needed.

Version History

Version	1
Modified	06/25/2021 - Created on.



GENERAL MOTORS

© 2021 General Motors. All Rights Reserved.