



Preliminary Information

PIP5706 Rough Running, Reduce Engine Power, Service Engine Soon (SES) light on, P0123 and P0222

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado 2500/3500	2020	All	All	6.6L L8T	All
GMC	Sierra 2500/3500	2020	All	All	6.6L L8T	All

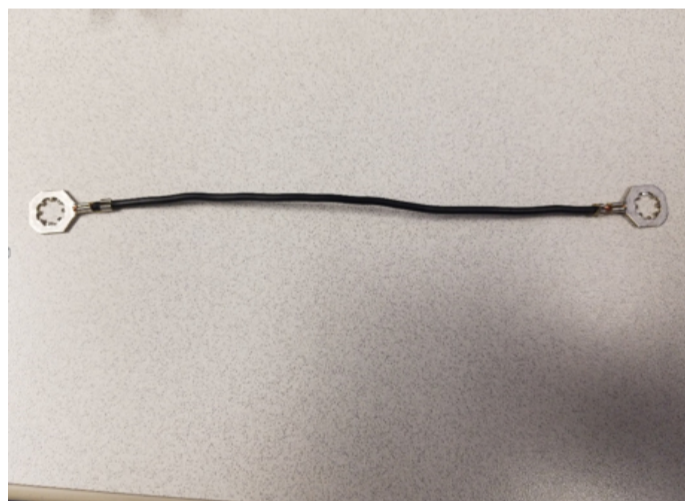
Involved Region or Country	North America
Condition	A vehicle may come into the dealer with a rough idle and /or reduced engine power . Upon inspection the technician may find the SES lamp is illuminated and DTC 's P0123 and P0222 may be active or stored history . This condition may be more noticeable in very cold climates. Note: This PI only applicable to failures that have resulted from vehicles being exposed to extreme cold (-10F / -23C or colder)
Cause	This condition may be caused by an internal circuit board fault within the throttle body .

Correction:

If you encounter a vehicle with the above concern, it will be necessary to replace the throttle body and add a ground wire following the steps outlined below . Reference the attached pictures showing ground wire location.

Repair Procedure:

1. Replace throttle body following the service procedure as outlined in service information.
2. Using two 8mm ring terminals and one 8-inch piece of wire 14-gauge wire to make a ground wire as shown below:



3. Remove oil fill cap and beauty cover from rocker cover on left bank.
4. Attach one end of the ground wire to the lower right throttle body fastener with the crimp side of the ring terminal facing towards the bolt head:



5. Attach the other end of the ground wire to the rocker cover fastener as shown in picture below with the crimp side of the ring terminal facing towards the bolt head:



6. When procedure is complete the ground wire should look like the installed wire below:



7. Ensure that ground wire is secure.

8. Road test vehicle to ensure repair procedure is complete and clear any DTC's.

Warranty Information

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

Labor Operation	Description	Labor Time
4021510	Throttle Body Assembly Replacement	Use Published Labor Operation Time
*4087318	Install Ground Strap	0.3
*This is a unique Labor Operation for Bulletin use only.		

Version History

Version	1
Modified	01/28/2020 - Created on.



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