



Preliminary Information

PIP5651C Possible Charge Air Cooler Outlet Hose Disconnected From Throttle Body And One or More of The Following DTCs P0172, P0299, P0101, P0506, P1101

Proactive
Product Investigation Review Required
Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Equinox	2019	All	All	1.5 LYX	All
Holden	Equinox	2019	All	All	1.5 LYX	All
Chevrolet	Malibu	2019	All	All	1.5 LFV	All
GMC	Terrain	2019	All	All	1.5 LYX	All

Involved Region or Country:	North America
Condition:	Reduced engine power and one or more of the following DTC's may be present DTC's P0172, P0299, P0101, P0506, P1101.
Cause:	Charge air cooler outlet hose may be disconnected from throttle body.

Correction

Confirm the connection of the charge air cooler outlet pipe at the throttle body. If the charge air outlet tube is not disconnected from the throttle body proceed with published SI diagnostics for the failed DTC's.

If the tube is disconnected from the throttle body, inspect the charge air cooler tube and throttle body for damage, In rare cases either are damaged then replace the damaged part.

The throttle body and mass airflow (MAF) sensor associated with the listed codes should only be replaced if they are damaged or found to be the cause of the code.

Note: If the vehicle has come in with the charge air cooler pipe disconnected from the throttle body, inspect the inside of the charge air cooler pipe for a possible missing O-ring seal. If this O-ring seal is missing replacement of the charge air cooler pipe assembly will be required as the O-ring is not serviced.

If the charge air cooler outlet tube has become disconnected from the throttle body, inspect the tube end for contact damage or a missing O-ring seal from blowing off. If the tube is found to be damaged or the O-ring seal is missing replace the tube assembly. Use the vehicle identification number (VIN), SI, and the GM Electronic Parts Catalog to determine the correct part to order. If the charge air cooler tube is not damaged and a SPAC case is already pending for a replacement tube assembly, Confirm the SPAC status by using your Parts Workbench in Global Connect to see if the part has been shipped to you. If the part has shipped, you do not need to order the retainer kit from WPC.

If the charge air cooler tube is disconnected and a SPAC case hasn't shipped, contact the Warranty Parts Center using the attached request form to order a charge air cooler outlet tube retainer kit. This retainer kit includes a spring, 2 retainers and installation instructions. Complete the WPC form below if needed.

Order WPC part number 836

To ensure full page print do not adjust size, select magnifying glass to enlarge then print (seen in SI)

WPC Parts Request Form

This form ONLY for U.S. & Canada Dealers. Export markets & Mexico Dealers must contact their regional Technical Assistance Center for assistance.

Return form to Warranty Parts Center by E-Mail:
warrantypartscenterusa@gm.com
or WPC Fax #: 248-371-0192 Attn: Temporary Service Parts

Part Being Requested: WPC #

Dealer BAC (U.S.) / Dealer Code (Canada):

Dealer Name:

Dealer Address:

Dealer Contact Person:

Dealer Phone Number:

Repair Order Number:

Vehicle VIN:

If you do not receive the part within 2 business days after emailing or faxing your part request to the Warranty Parts Center, please call Customer Assistance at 248-371-9901.

To ensure full page print do not adjust size, select magnifying glass to enlarge then print (seen in SI).

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:
4022880	Replace Charge Air Cooler Outlet Tube	Use Published Labor Time
4086948	Install Charge Air Tube Retainer Kit	0.4 hr.

Version History

Version	4
Modified	05/21/2019 - Created on 06/12/2019- To add additional information regarding throttle body or MAF sensor replacement 06/20/2019- Added statement to use the vehicle identification number (VIN), SI, and the GM Electronic Parts Catalog to determine the correct part to order. 7/30/19- Updated to advise that if the charge air cooler hose becomes disconnected from the throttle body to inspect the inside of the tube for a missing O-ring seal and replace the CAC tube if damaged or the O-ring is missing



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