

GLOBAL SAFETY FIELD INVESTIGATIONS  
DCS5123  
URGENT - DISTRIBUTE IMMEDIATELY

Date: August 29, 2019

Subject: N192266090 - Service Update  
Charge Air Cooler Duct Disconnect at Throttle Body – Inventory Only

Models: 2019 Chevrolet Equinox  
2019 Chevrolet Malibu  
2019 GMC Terrain  
Equipped with 1.5L Engine (RPO LYX or LFV)

To: All General Motors Dealers

General Motors is releasing Service Update N192266090 today. The total number of U.S. vehicles involved is approximately 34,000. Please see the attached bulletin for details.

**Global Warranty Management (GWM)**

The Required Field Action section on the Investigate Vehicle History (IVH) screen will be updated August 30, 2019. A list of involved vehicles in dealer new inventory is attached to this message. Please hold all warranty transactions until IVH has been updated.

END OF MESSAGE

GLOBAL SAFETY FIELD INVESTIGATIONS

## Service Update

### N192266090 Charge Air Cooler Duct Disconnect at Throttle Body



Release Date: August 2019

Revision: 00

**Attention:** This service update involves vehicles in dealer inventory only and will expire September 30, 2020.

Make	Model	Model Year		RPO	Description
		From	To		
Chevrolet	Equinox	2019	2019	LYX	1.5L 4 Cyl. Engine
Chevrolet	Malibu	2019	2019	LFV	1.5L 4 Cyl. Engine
GMC	Terrain	2019	2019	LYX	1.5L 4 Cyl. Engine

This service update should be performed on vehicles in dealer inventory only. Involved vehicles are marked "open" on the Investigate Vehicle History screen in GM Global Warranty Management system. This site should always be checked to confirm vehicle involvement prior to beginning any required inspections and/or repairs.

<b>Condition</b>	On certain 2019 model year Chevrolet Equinox, Malibu, and GMC Terrain vehicles, the charge air cooler outlet may become disconnected from the throttle body. A malfunction indicator light (MIL) will set on the instrument panel and a reduced engine power message will illuminate followed by reduced engine power. One or more of the following diagnostic trouble codes may be present: P0172, P0299, P0101, P1101, P0506. The vehicle may also run rough and could stall at low speed or idle conditions.
<b>Correction</b>	Dealers are to install a charge air cooler retainer kit.

#### Parts

Quantity	Part Name	Part No.
1	Retainer Chrg Air	13434668

Parts required to complete this recall are to be obtained from General Motors Customer Care and Aftersales (GMCCA). **Parts are currently in limited supply.** Order parts on a CSO = Customer Special Order. DRO's may be cancelled. **Due to limited initial parts availability, dealers are encouraged not to order these parts for use as shelf stock.** All orders may be reviewed prior to being filled.

**Reminder:** Parts may be removed from Retail Inventory Management (RIM). Dealers should review the affected parts to confirm RIM managed status. Parts may have quantity limiters in effect.

#### Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9104643	Replace Charge Air Cooler Outlet Tube Spring/Clips (Includes time to replace CAC Outlet Tube Seal if required)	0.2	ZFAT	N/A

#### Service Procedure

1. Disconnect the Charge Air Cooler Outlet Tube from the throttle body. Refer to *Charge Air Cooler Outlet Air Tube Replacement* in SI. It is not necessary to remove the entire Charge Air Cooler Outlet Tube for this procedure, only to disconnect it from the throttle body.
2. Cover the throttle body with a shop towel to prevent debris from entering the engine.



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## Service Update

### N192266090 Charge Air Cooler Hose



3. Remove the charge air cooler outlet air tube retainer clip.



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4. While pulling back on the spring, lift the leg of the spring over the notch, removing the spring/clips from the notch they sit in in the Charge Air Cooler Outlet Tube. Discard the spring and clips that were removed.
5. Check the inside of the Charge Air Cooler Outlet Tube for the presence of the rubber seal that seals to the throttle body. If the rubber seal is missing, replace the seal.



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6. Place black clip with the groove facing up on a flat, hard surface.

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### N192266090 Charge Air Cooler Hose



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7. Place the spring (legs pointing up) into the groove of the clip as shown.
8. Press down with two fingers until you feel the spring snap into place in the clip.
9. Repeat on the other side of the spring with the second clip.



540084

10. Insert the spring/clip assembly straight into the duct with the legs of the spring pointing down towards the elbow and the clips facing up towards the throttle body connection.
  - The spring will catch on the notches on the sides of the part as shown in the graphic.
11. Pull the spring apart just enough to lift the leg over the notch of the duct for each side.

## Service Update

### N192266090 Charge Air Cooler Hose



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12. Verify the spring and clips are present and oriented correctly, as shown.
13. Remove shop towel from throttle body and install the tube. There should be an audible click when it is seated. Refer to *Charge Air Cooler Outlet Air Tube Replacement* in SI if required.

#### Dealer Responsibility

Dealers must take the steps necessary to ensure that the service update correction has been made to all involved vehicles in dealer inventory before selling or dealer-trading the vehicle, but no later than September 30, 2020.

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this bulletin must be held and inspected/repaired per the service procedure of this bulletin before customers take possession of these vehicles. Involved vehicles must be held and not delivered to customers, dealer-traded, released to auction, used for demonstration, or any other purpose.

All GM Certified Used vehicles currently in the dealers' inventory within the Certified Pre-Owned Inventory System (CPOIS) will be de-certified and must be held and remedied per the service procedure in this bulletin. Upon submitting an accepted/paid warranty transaction in the Global Warranty Management (GWM) system, the vehicle can be re-certified for sale within the CPOIS system, or once again be used in the CTP program.

