

GLOBAL SAFETY FIELD INVESTIGATIONS  
DCS5488  
URGENT - DISTRIBUTE IMMEDIATELY

Date: June 28, 2021

Subject: A212334670 - Service Update  
Cylinder Heat Outer Bolts Loose

Models: 2021 Buick Encore GX  
2021 Chevrolet Trailblazer  
Equipped with 1.3L Gasoline Engine (RPO L3T)

To: All General Motors Dealers

General Motors is releasing Service Update A212334670 today. The total number of U.S. vehicles involved is 6. 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 June 29, 2021 or sooner. 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

## A212334670 Cylinder Head Outer Bolts Loose



Release Date: June 2021

Revision: 00

**Attention:** This service update includes vehicles in dealer inventory and customer vehicles that return to the dealership for any reason. This bulletin will expire at the end of the involved vehicle's New Vehicle Limited Warranty period.

Make	Model	Model Year		RPO	Description
		From	To		
Buick	Encore GX	2021	2021	L3T	1.3L Gasoline Engine
Chevrolet	Trailblazer	2021	2021		

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>	Certain 2021 model year Buick Encore GX and Chevrolet Trailblazer vehicles, equipped with a 1.3L gasoline engine (RPO L3T), have cylinder head outer bolts which were not tightened.
<b>Correction</b>	Dealers are to retighten the cylinder head outer bolts.

### Parts

Quantity	Part Name	Part No.
1	TUBE ASM-PCV	12701360
1	SEAL-F/PMP HSG (O RING)	12645181
1	GASKET-EXH MANIF OTLT PIPE	12666899
1	PIPE ASM-FUEL FEED INTER	12664331
2	GASKET-CM/SHF POSN ACTR MAGNET	12698384
1	SEAL-CM/SHF CVR	12670503
1	SEAL-CM/SHF CVR	12669132
3	SEAL-SPLG SHLD	12613249
2	SEAL-CM/SHF CVR-	12671789
1	VALVE ASM,CM/SHF POSN ACTR INT SOL	12698402
1	VALVE ASM,CM/SHF POSN ACTR EXH SOL	12703758
1	GREASE,MULTI-PURPOSE DIELECTRIC SI ACDELCO 1OZ	19260901(US)
1	GREASE,MULTI-PURPOSE DIELECTRIC SI ACDELCO 1OZ	19260902(CA)
2	COOLANT,ENGINE DEXCOOL CONC ACDELCO 1GAL	12346290(US)
2	COOLANT,ENGINE DEXCOOL CONC ACDELCO 1GAL	10953464(CA)

It is estimated that only 6 involved vehicles will require parts replaced. **Due to the small number of vehicles anticipated that will need this fix, dealers are encouraged not to order these parts for use as shelf stock.**

**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

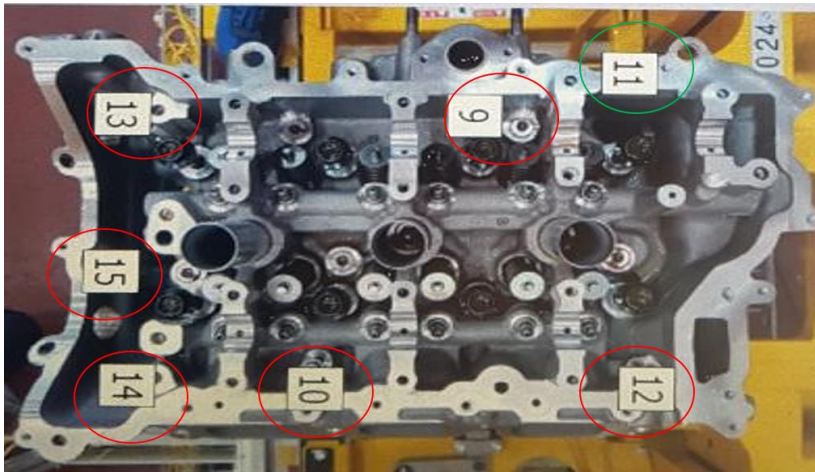
Labor Operation	Description	Labor Time	Trans. Type	Net Item
9105805	Check Outer Head Bolt Torque	6.9	ZFAT	N/A

### Service Procedure

1. Remove the camshafts. Refer to *Camshaft Replacement* in SI.

## Service Update

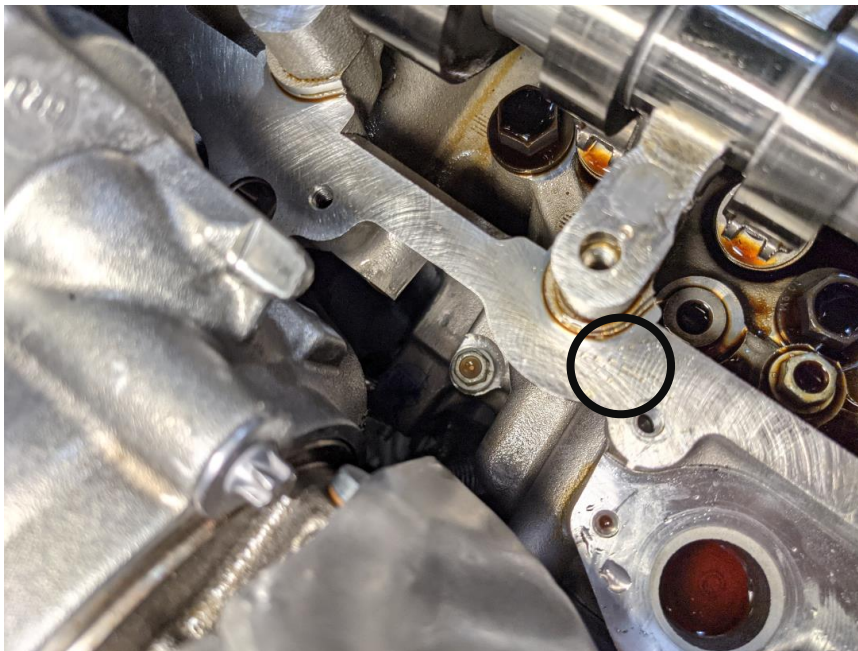
### A212334670 Cylinder Head Outer Bolts Loose



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**IMPORTANT:** If there is oil in the bolt hole, it can cause hydraulic lock and crack or damage the head. Before tightening each bolt, remove it and blow out the bolt hole with compressed air to clean and dry it. Then, clean the threads of the bolt and bolt seating surface with a shop rag before reinstalling it and proceeding to tighten the bolt.

2. Torque the indicated bolts to 11 Ft-Lb (15N-m) in numerical order, starting with bolt 9 and continuing until bolt 15 is torqued.



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- Bolt #11 is outside of the camshaft cover underneath the Exhaust Manifold Outlet Pipe, which will be removed during Camshaft Position Actuator removal. Bolt shown above for reference.

3. Reinstall the camshafts. Refer to *Camshaft Replacement* in SI.

#### Dealer Responsibility

Whenever a vehicle subject to this service update enters your vehicle inventory or is in your facility for service in the future, and the vehicle is still covered under the New Vehicle Limited Warranty, you must take the steps necessary to be sure the service update correction has been made before selling or releasing the vehicle.

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/repared 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.

## Service Update

### A212334670 Cylinder Head Outer Bolts Loose



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.

#### Dealer Reports

The Inventory tab of the Open Vehicle Report will contain Service Update Bulletin VINs that apply to this field action. This information is intended to assist dealers with the **PROMPT COMPLETION** of these vehicles. The Customer In-Service tab will not contain Service Update Bulletin VIN data because the intent of a Service Update Bulletin is to not inconvenience a customer with a special trip for service. Service Update Bulletins are to be completed when the customer is in for a regularly scheduled visit.

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GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the tools, equipment, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your dealer for information on whether your vehicle may benefit from the information.



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Voluntary Technician  
Certification**