

## Service Update

### A202304840 Camshaft Actuator Oil Control Valve Center Bolt Binding



Release Date: June 2020

Revision: 00

**Attention:** This bulletin contains an inspection procedure for vehicles that are in dealer inventory. Vehicles that pass the inspection procedure contained in this bulletin can be sold and delivered to the customer. **Vehicles that DO NOT PASS the inspection procedure contained in this bulletin cannot be sold or delivered to the customer.** When parts become available, a revision will be made to this bulletin to allow for the repair of these vehicles, and floor plan reimbursement will also be added for vehicles which did not pass the inspection procedure.

**Vehicles that pass this inspection procedure can be delivered and closed using the “Inspect Only – Vehicle Passed Inspection (No Further Action Required)” labor code 9105187.**

It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by this notification under a sale or lease until the defect or noncompliance is remedied.

All involved vehicles that are in New and Unsold dealer inventory must be held and not delivered to customers, dealer traded, or used for demonstration purposes until the inspection contained in this bulletin has been performed on the vehicle.

This service update involves vehicles in dealer inventory only and will expire June 30, 2021.

Make	Model	Model Year		RPO	Description
		From	To		
Buick	Encore GX	2020	2021	L3T	1.3L Turbo engine
Chevrolet	Trailblazer	2021	2021		

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>	Certain 2020-2021 Buick Encore GX and 2021 Chevrolet Trailblazer vehicles may have a condition where the camshaft actuator oil control valve (OCV) center bolt could stick or bind. If this were to happen, it could cause a MIL light to illuminate on the dash (Service Engine Soon), setting diagnostic trouble codes (DTC's) P0011 or P0014, the engine could run rough and have reduced power.
<b>Correction</b>	Dealers will inspect for these DTC's that could have been set by this condition, and pass or fail based on results.

#### Parts

No parts are required for this repair.

#### Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9105187	Inspect Only – No Further Action Required - Pass	0.5	ZFAT	N/A
9105188	Inspect Only – Hold for Later Repair - Fail	0.5		

#### Service Procedure

1. Start and idle the engine normally until the oil temperature reaches a minimum of 158°F (70°C).

**Important: When performing the following step, the engine RPMs will drop if the ECM sees no change in activity from the accelerator pedal in 3 minutes. If the engine RPMs drop to idle, simply tap the accelerator pedal a couple times and then depress the accelerator pedal to full again.**

**In addition, the ECM may set High-Pressure Fuel Pump related DTCs during this test – that is normal, and the codes should simply be cleared after the test - no parts should be replaced.**

2. With the oil temperature already at or above 158°F (70°C), put the transmission in park and set the parking brake. Hold the throttle open at 100%, which will keep the engine at the park/neutral rev limit of 4,000 RPM. Do this for approximately 13 minutes, or until the engine oil temperature reaches a minimum of 230°F(110°C).
3. With the engine oil temperature still elevated from the previous step, drive the vehicle in a way that includes light to moderate acceleration, and then hold the vehicle at a steady-state cruise condition for a minimum of 5 seconds. Repeat this step only 2 more times. This will ensure the camshaft actuators move through their full range of motion.
4. Let the vehicle idle for 60 seconds before checking for the presence of DTCs P0011 or P0014.

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- If P0011 or P0014 is set, hold the vehicle until parts are available for repair. (Fail inspection)
- If P0011 or P0014 is NOT set, the vehicle has passed the inspection, and the field action may be closed out using the 'pass' labor operation.

#### 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 June 30, 2021.

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.

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.



GLOBAL SAFETY FIELD INVESTIGATIONS  
DCS5429  
URGENT - DISTRIBUTE IMMEDIATELY

Date: June 12, 2020

Subject: A202304840 - Service Update  
**(Inventory only – Expires June 30, 2021.)**  
Camshaft Actuator Oil Control Valve Center Bolt Binding  
**(Inspection Only)**

Models: 2020 – 2021 Buick Encore GX  
2021 Chevrolet Trailblazer  
Equipped with 1.3L Turbo Engine(RPO L3T)

To: All General Motors Dealers

General Motors is releasing Service Update A202304840 today. The total number of U.S. vehicles involved is approximately 33,825. Please see the attached bulletin for details. **(Repair instructions for vehicles that fail the inspection will be sent out in a future bulletin revision when parts become available.)**

**Global Warranty Management (GWM)**

The Required Field Action section on the Investigate Vehicle History (IVH) screen will be updated June 13, 2020 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  
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