

GLOBAL SAFETY FIELD INVESTIGATIONS
DCS5375
URGENT - DISTRIBUTE IMMEDIATELY

Date: April 14, 2020

Subject: A202302140 - Service Update
Engine Oil Pressure Sensor Performance Error

Models: 2020 Buick Encore GX
2021 Chevrolet Trailblazer
Equipped with 1.2L Turbo Engine (RPO LIH)

To: All General Motors Dealers

General Motors is releasing Service Update A202302140 today. The total number of U.S. vehicles involved is approximately 10,140. 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 April 15, 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
GLOBAL SAFETY FIELD INVESTIGATIONS

Service Update

A202302140 Engine Oil Pressure Sensor Performance Error



Release Date: April 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 9105080.

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 April 30, 2021.

Make	Model	Model Year		RPO	Description
		From	To		
Buick	Encore GX	2020	2020	LIH	1.2L Turbo Engine
Chevrolet	Trailblazer	2021	2021		

Note: This inspection procedure should be performed on vehicles in dealer inventory only. Please select the appropriate labor code when submitting the claim.

Condition	On certain vehicles, the engine oil pump may be stuck due to foreign material, and diagnostic trouble codes (DTC) P0521, P06DE, P06DD could be set.
Inspection	Dealers are to perform the engine oil pump screening test.

Parts

No parts are required for this inspection procedure.

Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9105080*	Inspect Only – Vehicle Passed Inspection (No Further Action Required) Engine oil pump failure screening test cycle - 20 cycles	0.8	ZFAT	N/A
9105081*	Inspect Only – Vehicle Did Not Pass Inspection and Will Require Repair Engine oil pump failure screening test cycle - 10 cycles - 20 cycles	0.6 0.8	ZFAT	N/A

*One test cycle: Steps 4 through 6 in Service Procedure

Important: Please select the appropriate labor code when submitting the claim. 9105080 should only be used if the vehicle PASSED the inspection.

Note: When parts become available and the revised bulletin is released, Floor Plan Reimbursement will be included for vehicles which did not pass the inspection procedure.

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Service Procedure

Important: The purpose of this procedure is to perform two tests of ten cycles each, as described below, or to trigger DTCs P0521, P06DE, P06DD, whichever comes first. The test should be stopped immediately upon triggering a DTC if that occurs.

1. Park the vehicle in a safe location. Put the transmission in park and apply the parking brake.
2. Connect the MDI or MDI2 and start GDS. Clear all codes in the vehicle, and double check that there are no codes in the ECM before starting the procedure.

Module Diagnostics => [K20] Engine Control Module => Data Display => Engine Mechanical Data

3. Start and run engine for minimum 15 minutes until the coolant temperature gauge needle is centered in the gauge.



4. Raise the engine speed to 2,000 rpm for 30 seconds.
5. Rev up the engine rpm to 4,000 rpm limit and hold for 15 seconds.
6. Release the acceleration pedal to go down rpm to idle and wait for 15 seconds.

Important: One test cycle is from steps 4 to 6.

7. Repeat the test cycle (Steps 4-6) ten times.
8. Check DTC Display Tab for trouble codes P0521, P06DE, P06DD. Exit Engine Mechanical Data screen to save session log.
9. If any of these DTCs set: P0521, P06DE, P06DD, skip to Step 15.
 - If P0521, P06DE, P06DD are not present, proceed to Step 10.
10. Turn off the engine.
11. Disconnect scan tool from DLC. Remove key fobs from vehicle. Open door and close door. Wait for 30 seconds to allow modules to power down.
12. Leaving engine off, turn on vehicle and re-initialize Engine Mechanical Data. Start engine. Repeat the test cycle (Steps 4-6) ten more times.
13. Check DTC Display Tab for trouble codes P0521, P06DE, P06DD. Exit Engine Mechanical Data screen to save session log.
 - If any of these DTCs set: P0521, P06DE, P06DD, skip to Step 15.
 - If P0521, P06DE, P06DD is not present, go to Step 14.
14. If P0521, P06DE, P06DD are still not set during this test, further action is not required. Release the vehicle to the customer and 20 cycles have been completed.
15. If any of these DTCs set: P0521, P06DE, P06DD during this test, hold the vehicle until further notice.

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 April 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

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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.

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.



**We Support
Voluntary Technician
Certification**