



Service Bulletin

Bulletin No.: 22-NA-247

Date: April, 2023

INFORMATION

Subject: Information on eBoost Applications (K160 Brake System Control Module) for False DTC C05B0 Setting After a Brake Inspection, Brake Pad Replacement, or Any Other Work that Would Require Caliper Piston to Be Reseated

Brand:	Model:	Model Year:		VIN Breakpoint:		Engine:	Transmission:	
		from	to	from	to			
BrightDrop	EV600	2022	2022					
Buick	Enclave	2020	2023					
	Envision	2022						
	LaCrosse (China)	2020						
	Regal (China)	2023						
	Verano (China)							
Cadillac	CT4	2020						
	CT5							
	CT6	2019						
	Escalade Models	2021						
	XT4	2019						
	XT5	2020						
	XT6							
Chevrolet	Blazer	2020		—	—	—	—	
	Corvette							
	Equinox	2023						
	Equinox (China)	2021						
	Malibu (China)	2023						
	Silverado 1500 (New Model)	2019						2019
	Silverado 1500	2020						2021
	Silverado 1500 LTD (RPO J21, VIN Digit 5 = W / Y)	2022						2022
	Silverado 1500 New (RPO J22, VIN Digit 5 = A / D)							
	Silverado 1500	2023						2023
	Suburban	2021						2023
Tahoe								

Brand:	Model:	Model Year:		VIN Breakpoint:		Engine:	Transmission:
		from	to	from	to		
GMC	Acadia	2020	2023	—	—	—	—
	HUMMER EV	2022					
	Sierra 1500 (New Model)	2019	2019				
	Sierra 1500	2020	2021				
	Sierra 1500 Limited (RPO J21, VIN Digit 5 = 8 / 9)	2022	2022				
	Sierra 1500 New (RPO J22, VIN Digit 5 = H / U)						
	Sierra 1500	2023	2023				
	Terrain						
	Yukon Models	2021					

Involved Region or Country	North America, China, Middle East, Australia/New Zealand
Condition	The purpose of this bulletin is to inform dealership personnel that after performing a brake inspection, brake pad replacement, or any other repair that requires the caliper piston to be re-seated may be causing DTC C05B0 to falsely set for eBoost applications.

Service Procedure

Important: This technical service bulletin (TSB) can only be completed by certified repair facilities who have met all specific training, tool and equipment requirements pertaining to the vehicle Brand and Model serviced. Repairs must be performed by a technician who has successfully completed the required training.

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

Please refer to the diagnostic procedure for DTC C05B0 and verify that there are no leaks in the any of the brake components before proceeding onto the following steps to correct DTC C05B0 from falsely setting:

1. Disconnect the battery negative cable. Refer to *Battery Negative Cable Disconnection and Connection* in SI.
 2. Ensure that the brake pads are fully seated to the rotors and that the brake pedal is firm.
 - 2.1. If the brake pedal is firm and the brake pads are fully seated, continue onto step 3.
 - 2.2. If the brake pedal is not firm and/or the brake pads are not fully seated, gradually apply the brake pedal to approximately 2/3 of its travel distance. Wait 15 seconds and repeat until the brake pedal is firm and brake pads are fully seated. Proceed once brake pedal is firm and brake pads are fully seated.
- Note:** If you are unable to achieve getting a firm brake pedal and/or unable to fully seat the brake pads, stop here and refer back to the diagnostic procedure for DTC C05B0.
3. Reconnect the negative battery cable.
 4. Clear DTC codes.
 - If DTC C05B0 clears, everything is good.
 - If DTC C05B0 resets, please refer back to the diagnostic procedure in SI for DTC C05B0.

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
2086768*	eBoost Caliper Piston Reseat	0.2 hr
*This is a unique Labor Operation for bulletin use only.		

Version	2
Modified	Released December 06, 2022 Revised April 11, 2023 – Added Middle East and Australia/New Zealand to Involved Region or Country section and added Warranty Information.

