



Preliminary Information

PIT5865B Adaptive Cruise Inop / Lane Keep Assist Unavailable message / Gap Switch Inop / Unable To Perform Frontview Camera Learn / Amber Collision Alert ICON / IntelliBeam Inop / No Related DTCs

Product Investigation Review Required

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Encore GX	2021	All	July 1, 2021	All	All
Buick	Envision	2021	All	July 1, 2021	All	All
Cadillac	CT4	2021	All	July 1, 2021	All	All
Cadillac	CT5	2021	All	July 1, 2021	All	All
Chevrolet	Camaro	2021	All	July 1, 2021	All	All
Chevrolet	Equinox	2021	All	July 1, 2021	All	All
Chevrolet	Silverado	2021	All	July 1, 2021	All	All
Chevrolet	Suburban	2021	All	July 1, 2021	All	All
Chevrolet	Tahoe	2021	All	July 1, 2021	All	All
Chevrolet	Trailblazer	2021	All	July 1, 2021	All	All
GMC	Sierra	2021	All	July 1, 2021	All	All
GMC	Terrain	2021	All	July 1, 2021	All	All
GMC	Yukon Models	2021	All	July 1, 2021	All	All

Involved Region or Country	North America
Condition	<p>Some customers may comment on more than one of the following issues:</p> <ul style="list-style-type: none"> - Adaptive cruise inoperative (if equipped) - Lane Keep Assist inoperative - Gap adjust switch inoperative - IntelliBeam / Auto High Beam inoperative - In some cases, the Amber Collision Icon is illuminated <p>When checking for DTCs, no related DTCs will be found. In addition, when trying to perform a front view camera learn, error messages will be displayed in GDS2 and the learn can not be completed.</p>
Cause	The cause of these concerns could be an internal fault with the B174W Front View Windshield Camera.

Correction:

If no root cause is found after performing normal SI diagnostics and you are experiencing the above conditions, then use GDS2 to check the Frontview Camera Calibration Part Numbers 2 and 3. Connect GDS2 and build as follows: Diagnostics / Module Diagnostics / B174W Frontview Camera Windshield / Identification Information. Next, check Calibration Part Numbers 2 and 3 for displaying all "0", as shown below. If Calibration Part Numbers 2 and 3 show all "0", as shown below, then replace the B174W Front View Windshield Camera. If Calibration Part Numbers 2 and 3 indicate something other than all "0", then continue with normal SI diagnostics, as the issue in this PI is not the root cause.

Frontview Camera - Windshield

Identification Information	Value
Application Software Part Number 1 Alpha Code	AA
Boot Software Part Number 1 Alpha Code	AA
Calibration Part Number 1 Alpha Code	AB
Calibration Part Number 1	050FD824
Calibration Part Number 2	00000000
Calibration Part Number 3	00000000
Calibration Part Number 4	00000000
Calibration Part Number 5	00000000
Calibration Part Number 6	00000000
Base Model Part Number	84624992
Control Module Programmed State	
Date Programmed	20210228
Day of the Year Control Module Was Produced	034
Diagnostic Data Identifier	0
ECU ID	0009B0CF000045005D184954210114AC
End Model Part Number	86779304
Last Dealer Code or Scan Tool Serial Number	*197309
Manufacturer's Traceability Number	2
Manufacturer's Traceability Number 2	3
Boot Software Part Number 1	050FD56E
Application Software Part Number 1	86779306

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
6620110	Front View Camera Replacement	Use Published Time

Version History

Version	3
Modified	11/03/2021 - Created on. 12/16/2021 - Updates to the correction section 04/27/2023 - Update to the title and Condition sections



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