



Preliminary Information

PIT5700C Service Front Camera Message

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Blazer	2019 - 2021	All	All	All	All
GMC	Acadia	2019 - 2021	All	All	All	All
Cadillac	XT5	2017 - 2021	All	All	All	All

Supersession Statement

This PI is superseded by PIT5700B. Please discard all copies of PIT5700A.

Involved Region or Country	North America
Condition	A vehicle may be brought to the dealer with a message "Service Front Camera" or "Service Driver Assist". Upon inspection of the vehicle it may be found that all active safety system functions including adaptive cruise control and (LKA) lane keep assist appear to work as designed or it may be found that LKA or adaptive cruise control are inoperative. It may be noted that the LKA indicator in the DIC does not come on. There may be no DTC's stored for the FVCM systems.
Cause	Loss of low speed communication to the K124 ASCM (Active Safety Control Module) or the B174W Front View Camera Module (FVCM)

Correction:

Verify that the B174W FVCM is communicating on the low speed bus and if the vehicle is equipped with UGN also verify that the K124 ASCM is communicating on the low speed bus.

To confirm communication connect the data bus diagnostic tool to the vehicle, select the "detected state" tab and select "DLC terminal 1". Look through the list of communicating modules and ensure that the B174W and K124 (if equipped with UGN) are both on the list.

Data Bus Diagnostic Tool

Detected State: Measured Voltage | Message Monitor

Detected State: Not Available

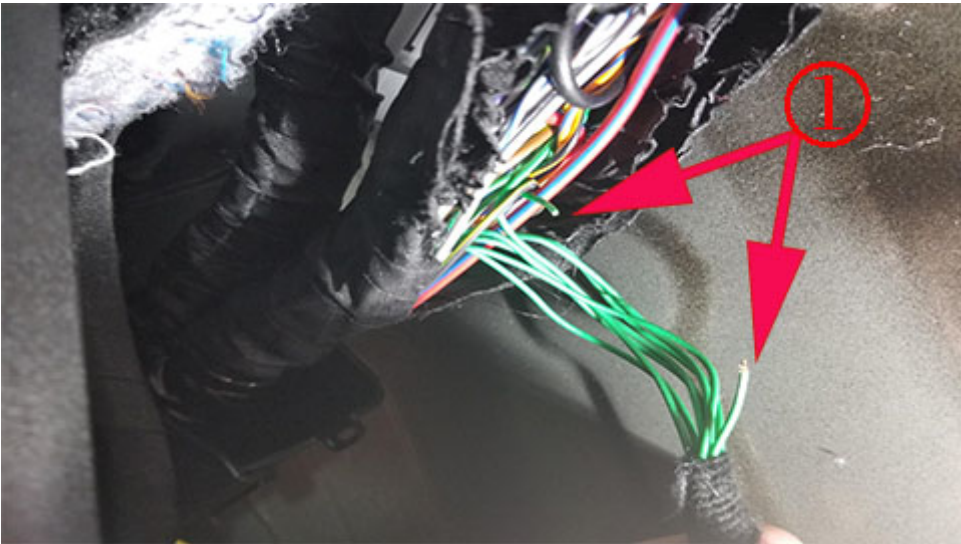
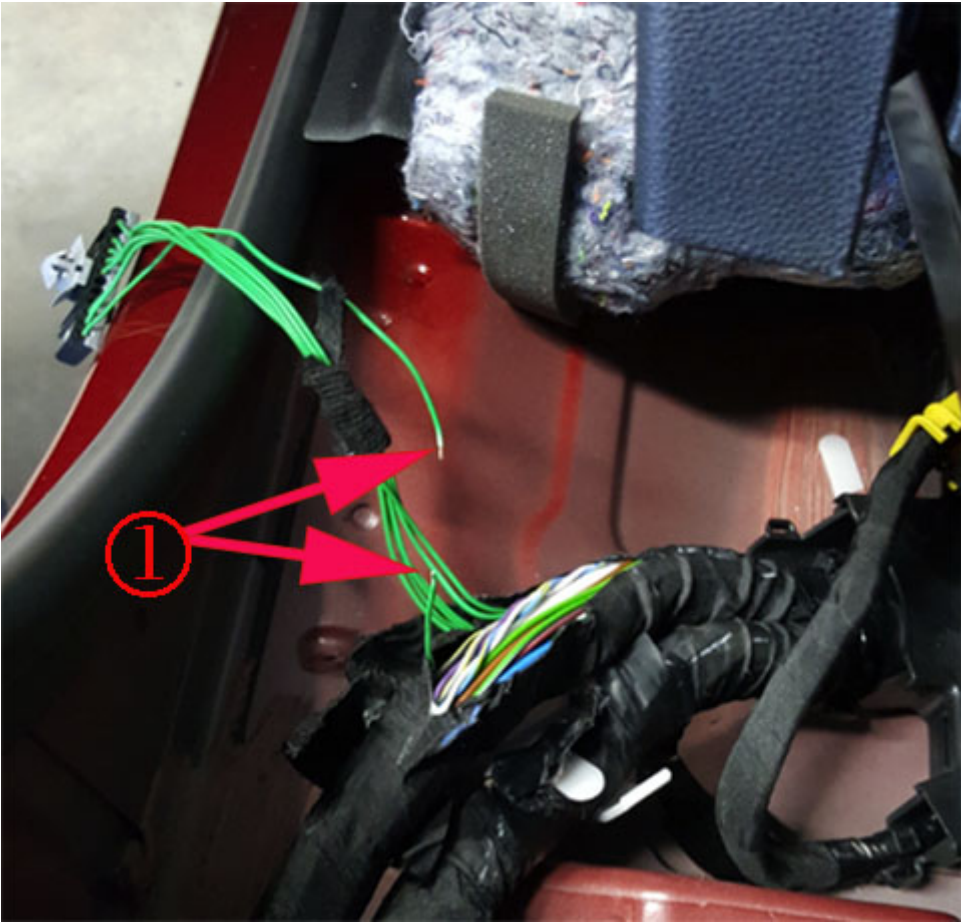
Responded	Longest Response Time	Data Circuit	Control Module
✓	00:01:926	1	A28 HVAC Controls
✓	00:01:926	1	K124 Active Safety Control Module K124A Active Safety Control Module 1 - Processor A
✓	00:01:926	1	P18 Instrument Cluster
✓	00:01:926	1	K73 Telematics Communication Interface Control Module
✓	00:01:926	1	K39 Liftgate Control Module
✓	00:01:926	1	K157 Video Processing Control Module
✓	00:01:926	1	K33 HVAC Control Module
✓	00:02:231	1	Unknown Control Module ID: \$47
✓	00:01:926	1	T3 Audio Amplifier
✓	00:02:269	1	K109 Frontview Camera Module B174W Frontview Camera - Windshield
✓	00:01:926	1	B218R Side Object Sensor Module - Right B94R Side Object Sensor - Right
✓	00:02:269	1	K41 Front and Rear Parking Assist Control Module

If it is found that the K124 ASCM is not communicating on low speed (with UGN) inspect circuit 5060 for an open in the harness near JX300.

On Blazer JX300 is located at the base of the B pillar.

On Acadia JX300 is located on the floor near the driver seat.

See # 1 below:



If an open is found repair the circuit following SI Serial Data Circuit Wiring Repairs.

If it is found that the B174W FVCM is not communicating on low speed, inspect X203 at the base of the A pillar for bent, loose or backed out terminals.

If both modules are communicating on low speed follow SI for diagnosis of concern.

Warranty Information

For wiring repairs covered under warranty, please refer to latest version of bulletin [10-00-89-005](#) for warranty information on wire/connector repairs.

Additional SI Keywords

assist, camera, communication, control, cruise, driver, front, FVCM, JX300, low, message, no, service, speed,

Version History

Version	4
Modified	08/02/2019 - Created on. 11/04/2019 - Updated to add GMC Acadia and UGN RPO. 03/27/2020- Updated to add XT5 06/28/2021- Updated model years



GENERAL MOTORS