#PIT5912B: Lane Keep Assist Unavailable / Adaptive Cruise Control Inop / Service Driver Assist Systems / Amber Front Collision Icon On / Dead Battery / No Crank / Front View Camera DTC U3000 49 - (May 20, 2022)

Subject: Lane Keep Assist Unavailable / Adaptive Cruise Control Inop / Service Driver Assist Systems / Amber Front Collision Icon On / Dead Battery / No Crank / Front View Camera DTC U3000 49

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 1500 New (RPO J22, VIN Digit 12 = 5 or greater)	2022		All	All	All	All
GMC	Sierra 1500 New (RPO J22, VIN Digit 12 = 5 or greater)	2022		All	All	All	All

Involved Region or Country	North America
Additional Options (RPO)	With RPO UHY WithOUT RPO UGN
Condition	Some customers may comment on an amber Forward Collision icon displayed in the IPC, as shown below. Also, DTC U3000 sym49 may or may not be set current in the Front View Camera Module. In some cases, there could be a low or dead battery condition. Customers may also notice certain features related to the Front View Camera are unavailable, such as: – Forward Collision Alert (RPO: UEU)

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	– Following Distance Indicator (RPO: UE4) – Low Speed Collision Mitigation Braking (RPO: UHY) – Pedestrian Collision Mitigation Braking (RPO: UKJ) – Lane Keep Assist (RPO: UHX) – Automatic High Beam Assist (RPO: TQ5) – Adaptive Cruise Control (RPO: KSG)
Cause	The cause of this concern could be Onstar performing a task, which causes the B174W Front View Camera to set the DTC and disable during the next vehicle start up.

Correction

Perform the following to repair the concern:

Note: If the battery was low or dead, then charge and test the battery. The battery may require charging a second time before it will pass the test.

1. Turn the ignition off.
2. Remove the F11DR fuse for the B174W Front View Camera, located in the X51R Right Instrument Panel Fuse block.
3. Leave the fuse removed for 1 minute, then reinstall the fuse.
4. Clear any DTC's and check camera operation.
5.
   - If the camera operation has returned, then no further action is required.
   - If the camera operation has NOT returned, then perform a camera relearn using GDS2.
6.
   - If the camera operation has returned after the camera relearn, then no further action is required.
   - If the camera operation has NOT returned after the camera relearn then perform normal SI diagnostics and repair as necessary.

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Note: If it is necessary to replace the Front View Camera, be sure to use the correct Part Number listed in the Electronics Parts Catalog. The Original Front View Camera may have "Service P/N 86814414" printed on the label (circled in red below) and that is the incorrect Part Number for this vehicle. Correct Part Number to use is in location circled in green below. If the part was ordered incorrectly it can be returned to the PDC using the correct MR return code.

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
*2888668	Check for DTC's, Cycle fuse for front view camera module, Clear DTC's	0.2 Hr.
Add	ONLY Use As Needed - Perform Camera Relearn with GDS2	0.3 Hr.
Add	ONLY Use As Needed - Charge and Test Battery	0.2 Hr.
*This is a unique Labor Operation for Bulletin use only.		

Version	3
Modified	05/05/2022 - Created on. 05/18/2022 - Updates to the Title, Condition, Correction and Warranty sections.

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	05/20/2022 - Update to add note about incorrect Service Camera Part Number being printed on original front view camera.

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