Preliminary Information

PIT5602 Rearview Camera HMI Bypass Module K188 Missing The Reverse and RAP Inputs

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Tahoe	2017	All	All	All	All
Chevrolet	Suburban	2017	All	All	All	All
GMC	Yukon	2017	All	All	All	All

Involved Region or Country	**North America**
Additional Options (RPO)	**With RPO UVC Rearview Camera**
Condition	**A small number of 2017 Full Size Utilities were built with the body harness missing circuits 755 and 24. These two circuits are voltage input signals to the HMI Bypass Module K188 at connector X1 pins 2 and 9.** **Even though the HMI Bypass Module is missing these two inputs, it does NOT affect the normal operation of the rearview camera.**
Cause	**A production change was made to the base radio option and these circuits were left out of the body harness.**

Correction:
The main purpose of this document is to direct technicians on how to proceed when performing normal rearview camera SI diagnostics, such as:

- **Rear Vision Camera System Malfunction**
- **DTC B127B   Rearview Camera Input Signal Circuit Missing Reference**

If the diagnostics lead to checking circuits 755 and/or 24, at the HMI Bypass Module connector X1 pins 2 and 9, and there is no voltage present, along with the fact that the wiring is missing in the body harness, proceed with diagnostics as if these circuits are present and intact.

The wiring that is missing is NOT right at the HMI Bypass Module connector, but rather, it is located farther upstream in the body harness side of X225 pin 19 for circuit 24, and in the body harness side of X275 pin 19 for circuit 755.

Note: These two missing circuits are used to enable the rearview camera bypass mode, as explained in the latest version of bulletin 17-NA-331. On vehicles where these circuits are missing, there will be no camera bypass mode and the system will operate similar to the previous model year vehicles.

Version History

Version	
Modified	