



# Service Bulletin

File in Section: -

Bulletin No.: 16-NA-043

Date: September, 2016

## TECHNICAL

**Subject: Tire Pressure Monitor (TPM) Concerns After Accessory Wheel Installation**

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick Cadillac Chevrolet GMC	All GM Passenger Cars and Trucks	2016	2017			All	All

<b>Involved Region or Country</b>	North America and N.A. Export Regions
<b>Condition</b>	Some technicians may comment that the tire pressure indicator sensor tool will read the sensor but unable to learn the sensors to the vehicle.
<b>Cause</b>	This may be caused by the incorrect Mhz tire pressure indicator sensor being installed in the tire/wheel assembly.
<b>Additional Options</b>	Equipped with Tire Pressure Indicator Sensors Frequencies Rating - 433 MHz and 315 MHz (RPO XL7 or XL8)

### Correction

The TPM sensors must always be relearned when accessory wheels are installed on the vehicle.

If the learning process does not resolve the issue and it is found to be a defective and/or incorrect sensor, the dealer should resolve this with the supplying ADI.

**Note:** There is an expectation that the correct/functional TPM assembly will be supplied by the ADI with the accessory wheel. If it is found this is not true, the dealer and ADI should resolve this condition and this should not be charged to warranty.

**Note:** Installation time includes the time to relearn the TPM sensors and this should be completed during the accessory installation. If the TPMs were not relearned at installation, this should not be charged to warranty.

### TPM Sensor Frequency and RPO Determination

1. Inspect and determine Valve Stem Material.
2. Determine Sensor ID using EL 46079.
3. Read Frequency and RPO.

Valve Stem Material	Sensor Identification is Between*		Frequency	RPO
Rubber	1, 342, 177, 280	1, 610, 612, 735	433 MHz	XL8
	1, 879, 048, 192	2, 147, 483, 647	314.9 MHz	XL7
Aluminum	268, 435, 456	536, 870, 911	314.9 MHz	XL7
	536, 870, 912	805, 306, 367	433 MHz	XL8

\*Commas added to aid in reading — Will not exist in ID from EL 46079



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**Legend**

- (1) RPO XL7
- (2) RPO XL8

- (3) Camaro SS

**Note:** The frequency of the sensor will be located on the sensors in the above approximate location.

**Service Procedure**

Replace the sensors as needed.

**Warranty Information**

DO NOT submit a warranty claim for this issue. Any warranty claims submitted for this concern on vehicles equipped with accessory wheels will be charged back.

**U.S. Dealers:** If equipped with GM Accessory wheels, the TPM sensors were shipped to the dealer from the Accessory Distributor/Installer (ADI). It will be necessary to go back to the ADI to obtain the correct TPM sensor. The ADI will supply the correct TPM sensors to correct this condition.

If equipped with aftermarket (non-GM) accessory wheels, this is a customer pay issue.

<b>Version</b>	4
<b>Modified</b>	<p>March 21, 2016 – Added the 2016 and 2017 Chevrolet Volt.</p> <p>April 22, 2016 – Added the Cadillac CT6 and XT5 Models.</p> <p>August 30, 2016 – Combined/Replaced information from PI1385A, updated Model information and added TPM Sensor Frequency and RPO Determination section.</p>

