



Technical Journal

TITLE:

I-TPMS and Low Tire Pressure warning

REF NO: TJ 32531.1.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2017-03-21	STATUS DATE: 2017-03-28
FUNC GROUP: 3674	FUNC DESC: Tire pressure monitoring control system	Page 1 of 2	

“Right first time in Time”

Attachment

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
234							2017-9999		0000001-9999999	201617-999952
235							2017-9999		0000001-9999999	201624-999952
							2017-9999		0000001-9999999	201646-999952
							2017-9999		0105001-9999999	201617-999952

CSC Customer Symptom Codes

Code	Description
21	Warning lights and chimes/Tire pressure monitoring, Low tire pressure warning

VST Operation Number

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
BCM	C007768	Intermittent

Text



DESCRIPTION:

DIM=Driver Information Module

If low tire pressure is detected by the indirect tire pressure monitoring system (I-TPMS) with warning message in DIM, follow advice under Service.

Note: Vehicles equipped with I-TPMS can be identified with the following VDN codes: RG06, RG07, RG08.

SERVICE:

NOTE: **Do not** install any software in the vehicle, this will not help. To solve issues with Low Tire Pressure warning in DIM, instruct customer to follow these steps:

1. Make sure the temperature in tires are cold, it is recommended to park the car for two hours (avoid exposure to direct sunlight).
2. Once tires are cold, inflate tires according to the recommended cold tire pressure printed on Tire Label (located on B-pillar drivers side, or in Owners Manual).
3. Start the engine and with vehicle standing still initiate calibration of Tire Monitoring system (Navigation Panel -> Status -> TPMS calibrate).
4. The car should then be driven between 25-62 mph(40-100 km/h) (average speed ,37mph or 60 km/h) for 20 minutes and then the TPMS system should be calibrated, meaning it has stored the preferred tire pressure.

Notes:

- Extra time is needed if the if car is driven slower than 25mph (40 km/h), higher than 62mph (100 km/h) or braking during the calibration process.
- There is no confirmation when the calibration is completed.
- The DTC will self erase, there is no need to clear the DTC using VIDA.

VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use concern area "Vehicle Report" and sub concern area "Support not needed", use function group 3674.