



Technical Journal

TITLE:

I-TPMS and Low Tire Pressure warningREF NO:
TJ 32531.2.0ISSUING DEPARTMENT:
Technical ServiceCAR MARKET:
United States and CanadaPARTNER:
3 US 7510 Volvo Car USAISSUE DATE:
2017-03-29STATUS DATE:
2017-04-05FUNC GROUP:
3674FUNC DESC:
**Tire pressure monitoring
control system**

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“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
236							2017-9999		0000001-9999999	201646-999952
256							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

Rows beginning with * are modified

Note! If using a printed copy of this Technical Journal, first check for the latest online version.

Text

**DESCRIPTION:**

* This journal is re-written in its entirety.

VIDA= Vehicle Information and Diagnostics for Aftersales

I-TPMS=Indirect Tire Pressure Monitoring Sensors

DIM= Driver Information Module

DTC= Diagnostic Trouble Code

VDN= Vehicle Detail Number

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

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

SERVICE:

If TPMS warning lamp in DIM is active with warning text message "Low Tire pressure", then perform the following steps:

1. Make sure the temperature in tires are cold, it could be recommended to park the car for two hours (avoid exposure to direct sunlight).
2. Once tires are cold, inflate air according to the recommended cold tire pressure printed on Tire Label (located on B-pillar drivers side, or in Owner's 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 40-120 km/h (25-75 mph) with average speed 80 km/h (50 mph) 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 40 km/h (25 mph), higher than 120 km/h (75 mph) or braking during the calibration process.
- Avoid aggressive driving in order to keep the temperature in tires low 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.