



Technical Journal

TITLE:

I-TPMS calibration after SW upgrade

REF NO:
TJ 34803.2.0ISSUING DEPARTMENT:
Technical ServiceCAR MARKET:
United States and CanadaPARTNER:
3 US 7510 Volvo Car USAISSUE DATE:
2020-10-02STATUS DATE:
2020-10-09FUNC GROUP:
7761FUNC DESC:
Pressure control

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“Right first time in Time”

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224							2019-9999		0000001-0999999	201835-999952
225							2019-9999		0000001-0999999	201817-999952
227							2019-9999		0000001-0999999	201846-999952
234							2017-9999		0000001-0999999	201617-999952
235							2017-9999		0000001-0999999	201624-999952
236							2017-9999		0000001-0999999	201646-999952
238							2018-9999		0000001-0999999	201646-999952
246							2018-9999		0000001-0999999	201717-999952
256							2016-9999		0000001-0999999	201505-999952
536							2019-9999		0000001-0999999	201746-999952

CSC Customer Symptom Codes

Code	Description
1C	Service/repair/Administrative and Factory scheduled maintenance
2V	Technician information/Software/Vehicle communication/Not for warranty use

DTC Diagnostic Trouble Codes

Rows beginning with * are modified

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DESCRIPTION:

After a SW upgrade, the I-TPMS-system needs to be recalibrated.

This is done automatically when the car is started and the VDDM will then start to collect I-TPMS data.

SW = Software

VDDM = Vehicle Dynamics Domain Master

TPMS = Tire pressure monitoring system

I-TPMS = Indirect TPMS

SERVICE:

* In the new SW, released September 2020, the picture in the Centre Display for I-TPMS is showing a “spinning wheel”, while calibration is ongoing.

The calibration function itself is not changed compared to previous SW versions, it is only how it is presented in the center display that has been changed.

A new calibration will start automatically as soon as the VDDM SW is upgraded.

It may take up to 20 minutes and speed over 40 km/h, to get the data needed to fulfill the calibration.

When calibration is complete, the I-TPMS picture in Centre Display will show four green dots, one for each wheel.

If the calibration is not fulfilled during one driving cycle, it will continue with the ongoing calibration the next time car is started. This is a normal function of vehicle.

Please do not replace any components in an attempt to repair the car.

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 7761.