



Technical Journal

TITLE:

I-TPMS warning in DIM after SW download

REF NO: TJ 33864.3.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2019-05-03	STATUS DATE: 2019-05-13
FUNC GROUP: 7761	FUNC DESC: Pressure control	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
224							2019-9999		0000001-0999999	201835-999952
225							2019-9999		0000001-0999999	201817-999952
227							2019-9999		0000001-0999999	201846-999952
234							2017-2017		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
21	Warning lights and chimes/Tire pressure monitoring, Low tire pressure warning
LI	Warning lights and chimes/Tire pressure monitoring, Service required warning



VST Operation Number

VST Operation Number	Description
36050-2	Calibrating/Identifying with VIDA

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
VDDM	U24004A	Permanent
VDDM	U24004A	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:

It may happen that after a software download, the TPMS light is flashing and DTC VDDM-U24004A, "ECU Software. System internal failures" is set.

This is due to the I-TPMS (function in VDDM (Vehicle Dynamics Domain Master) has not been initialized.

SERVICE:

*A new service function to reset this DTC and to calibrate the iTPMS is now implemented in VIDA.

*If the DTC is set after SW download, use: "Diagnostic / Service functions / Reset iTPMS calibration data and relevant DTCs" to reset the iTPMS calibration and to erase the DTC.

Warranty claim info:

To get warranty claim accepted for a job described in this TJ, please use following data:

VST OP number: 36050-2

TPMS = Tire pressure monitoring system

DIM = Driver Information Module

SW = Software

VDDM = Vehicle Dynamics Domain Master

I-TPMS = Indirect TPMS

ECU = Electronic Control Unit

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 needed", use function group 7761.