



# Technical Journal

TITLE:

**I-TPMS and Service required**

<b>REF NO:</b> TJ 32325.1.1	<b>ISSUING DEPARTMENT:</b> Technical Service	<b>CAR MARKET:</b> United States and Canada	
<b>PARTNER:</b> 3 US 7510 Volvo Car USA		<b>ISSUE DATE:</b> 2017-03-28	<b>STATUS DATE:</b> 2017-03-31
<b>FUNC GROUP:</b> 3674	<b>FUNC DESC:</b> Tire pressure monitoring control system	Page 1 of 3	

“Right first time in Time”

## Attachment

File Name	File Size
TJ 32325.jpg	0.2483 MB

## 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	201617-999952
236							2017-9999		0000001-9999999	201646-999952
256							2017-9999		0105001-9999999	201617-999952

## CSC Customer Symptom Codes

Code	Description
LI	Warning lights and chimes/Tire pressure monitoring, Service required warning

## VST Operation Number

VST Operation Number	Description
36004-2	Software control module downloading

## DTC Diagnostic Trouble Codes

## Text



## **DESCRIPTION:**

I-TPMS = Indirect Tire Pressure Monitoring Sensors

VIDA = Vehicle Information and Diagnostics for Aftersales

VDDM = Vehicle Dynamics Domain Master

DIM = Driver Information Module

VDN = Vehicle Detail Number

If TPMS warning symbol is flashing in DIM with a “TPMS Service Required” message, then follow advice under Service.

The condition could occur even if the tire pressure is correct in all four wheels.

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

## **SERVICE:**

Read out the vehicle with VIDA and check the DTC's.

- If relevant DTC's for TPMS system are found in VIDA, first try to manually run the I-TPMS reset script in VIDA:  
Diagnostics -> Components -> ECUs -> 4/163 (VDDM) -> Diagnostic Sequences -> Clearing iTPMS calibration memory and DTCs  
(also see picture TJ 32325.jpg for path)
- If no relevant DTCs are found in the vehicle, and if the above script does not help, then reset the TPMS system by downloading a VDDM RELOAD software in 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 3674.

**To view TJ attachment continue to next page. This TJ has one attachment.**



The screenshot displays the Volvo diagnostic software interface. At the top, the vehicle information is shown: VIN: VLN1FA3RCH00467, Model/Year/Chassis: S80 (17.) 2017, 000467. The interface is divided into several sections:

- Left Panel:** Contains navigation options like 'Work List', 'Network', 'Bit Tracing', 'Components', and 'Service Functions'. The 'Components' section is highlighted with a red box and a yellow '2'.
- ECU List (Table):** A table with columns 'ID' and 'Name'. The 'Vehicle Connectivity Module (VCM)' is highlighted with a red box and a yellow '4'. The 'Vehicle Dynamics Domain Master (VDDM)' is also highlighted with a red box and a yellow '4'.
- Diagnostic Sequences (Table):** A table with a single column 'Name'. The first entry, 'Clearing IPMS calibration memory and DTCs', is highlighted with a red box and a yellow '6'.
- Top Navigation:** Includes 'Planning', 'Diagnostics', and 'Software Information'. 'Diagnostics' is highlighted with a red box and a yellow '1'. A 'Source' dropdown menu is highlighted with a red box and a yellow '5'.