



# Technical Journal

TITLE:  
**Check engine lamp and DTC - ECM P227000**

<b>REF NO:</b> TJ 35769.1.0	<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> 2020-11-24	<b>STATUS DATE:</b> 2020-12-01
<b>FUNC GROUP:</b> 2840	<b>FUNC DESC:</b> Control system, fuel supply	Page 1 of 2	

“Right first time in Time”

**DESCRIPTION:**

If the check engine lamp may appear in the DIM (Driver Information Module) and the listed DTC (Diagnostic Trouble Code) is set, follow “service”.

Usually the car is running without any drivability issues.

**CSC Customer Symptom Codes**

Code	Description
DL	Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication

**DTC Diagnostic Trouble Codes**

Control Module	Code	Fault Type
ECM	P227000	Permanent
ECM	P227000	Intermittent

**Vehicle Type**

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
246	A2	B4204T27					2018-2018		-	201717-201817
256	A2	B4204T27					2018-2018		-	201717-201817



**SERVICE:**

Do not replace the lambda sensor!

A new engine management software is available to solve the issue.

Perform an upgrade of the software according to TJ 31543.

Warranty claim info:

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

VST OP number 36004-2 Software control module downloading with VIDA according TJ35769.

**VST Operation Number**

VST Operation Number	Description
36004-2	Software control module downloading

**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 2440.