

**Volvo Car USA LLC**
**Technical Journal**

Technical Journal Title <b>Check Engine Light with DTC ECM P04F000</b>		Ref. No. <b>TJ 37236.5.1</b>	
Issuer (Dept.) <b>Technical Service</b>		Issue Date <b>3/3/26</b>	Status Date <b>3/5/26</b>
Car Market <b>United States and Canada</b>	Partner <b>3 US 7510 Volvo Car USA</b>	Function Group <b>2340</b>	
Function Description <b>Fuel tank, fuel lines, evaporator system</b>		Page <b>Page 1 of 3</b>	

**Attachment**

File Name	File Size
TJ_37236.jpg	0.0733 MB

Rows beginning with \* are modified

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

**DESCRIPTION:**

\*Vehicle Type section updated

If the Check Engine Light is on and DTC ECM-P04F000 is set with no other symptoms, please follow the advice under "Service".

CEL - Check Engine Light

ECM - Engine Control Module

PDS - Pre-Delivery Service

LDP - Leakage Detection Pump

MY - Model Year

**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	P04F000	Permanent

**Vehicle Type**

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	H6	BH6PHEV					2022-2025		-	202147-202425
225	H6	BH6PHEV					2022-2025		-	202147-202426
238	H6	BH6PHEV					2022-2024		-	202147-202416
246	H6	BH6PHEV					2022-2025		-	202147-202511
256	H6	BH6PHEV					2022-2025		-	202147-202508

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### SERVICE:

Please refer to the following before performing CSC-based fault tracing in VIDA:

\*New ECM software has been released with an improvement for this DTC. The software was released in different versions depending on the model year. Refe information below:

- MY 22: Version 3.4.4.
- MY 23 and 24: Version 3.3.16.
- MY 25 with structure week between 24w17 to 24w46: Version 3.5.14.
- MY 25 with structure week after 24w46: Will have the improved software installed at PDS.

Perform a *Total Upgrade* according to TJ 31543 and release the car back to the customer.

If the current software version is already improved per the above guidance, proceed with routine CSC fault tracing of the EVAP system.

**Note: A missing or damaged LDP air filter can also cause an erroneous leak detection. Perform a visual inspection of the LDP as part of fault tracing. (See attachment TJ\_37236.jpg)**

### Warranty claim info:

To get a warranty claim accepted for a job described in this TJ, use the corresponding VST OP number stated in this TJ. Note that the TJ number must be stated in the repair order text.

### VST Operation Number

VST Operation Number	Description
36001-2	Diagnostic trouble codes read/reset
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 the concern area "Vehicle Report" and the sub-concern area "Support Needed", use function group 2340.

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

