

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title Check Engine Light with DTC ECM P04F000		Ref. No. TJ 37236.5.0	
Issuer (Dept.) Technical Service		Issue Date 12/10/25	Status Date 12/17/25
Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 2340	
Function Description Fuel tank, fuel lines, evaporator system		Page Page 1 of 4	

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

*Service section updated for clarity

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

Technical Journal 37236.5.0

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
224	L1	BL1KERS					2021-2025		-	202017-202425
225	O6	B06KERS					2023-2023		-	202222-202316
225	H6	BH6PHEV					2022-2025		-	202147-202426
227	L1	BL1KERS					2021-2025		-	202017-202508
236	O6	B06KERS					2022-2026		-	202122-202537
238	O6	B06KERS					2021-2024		-	202017-202416
238	H6	BH6PHEV					2022-2024		-	202147-202416
246	O6	B06KERS					2022-2023		-	202122-202316
246	H6	BH6PHEV					2022-2025		-	202147-202511
246	L1	BL1KERS					2021-2025		-	202022-202504
256	O6	B06KERS					2023-2026		-	202222-202602
256	H6	BH6PHEV					2022-2025		-	202147-202508
256	L1	BL1KERS					2021-2025		-	202017-202444
536	K9	BK9KERS					2021-2024		-	202017-202416
536	L1	BL1KERS					2021-2024		-	202017-202416

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. Refer to the 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.

