

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title CEL and DTC ECM P04F000		Ref. No. TJ 37236.1.0	
Issuer (Dept.) Technical Service		Issue Date 2/13/25	Status Date 2/25/25
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 2	

DESCRIPTION:

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

CEL – Check Engine Light

ECM – Engine Control Module

PDS – Pre-Delivery Service

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
224	L1	BL1KERS					2022-2025		-	202017-202425
225	H6	BH6PHEV					2022-2025		-	202147-202426
227	L1	BL1KERS					2023-2025		-	202017-202508
246	H6	BH6PHEV					2022-2025		-	202147-202511
246	L1	BL1KERS					2022-2025		-	202022-202504
256	H6	BH6PHEV					2022-2025		-	202147-202508
256	L1	BL1KERS					2023-2025		-	202017-202444
536	K9	BK9KERS					2023-2024		-	202017-202416
536	L1	BL1KERS					2023-2024		-	202017-202416

Technical Journal 37236.1.0

SERVICE:

New ECM software has been released to address this DTC as follows:

- MY22 was released in software version 3.4.4
- MY23/24 was released in software version 3.3.16

For the vehicles above, if the vehicle has an earlier software version as read out with VIDA, perform a *Total Upgrade* according to TJ 31543.

- MY25 vehicles from Structure Week 2024w46- will receive the software at PDS (*PDS Upgrade*).
- For MY25 vehicles with Structure week between 202417 to 202445, the software solution will be released during 2025 Quarter 2.

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.

NOTE: Operation 36001-2 should only be claimed if the vehicle did not require a software upgrade per the above instructions. It can NOT be claimed in conjunction with 36004-2.

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 concern area "Vehicle Report" and sub concern area "Support needed", use function group 2340.