

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title DIM Message and DTC ECM P0DF400		Ref. No. TJ 36963.2.0	
Issuer (Dept.) Technical Service		Issue Date 2/25/25	Status Date 3/10/25
Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 3233	
Function Description Electric converter, high voltage		Page Page 1 of 2	

Rows beginning with * are modified

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

DESCRIPTION:

*Updated software info in "Service", VST operation number, and recipients.

If a customer experiences a "Propulsion System Service Required" message in the DIM and diagnostic trouble code ECM P0DF400 set, please follow the advice under "Service".

DIM = Driver Information Module

ECM = Engine Control Module

CSC Customer Symptom Codes

Code	Description
7G	Text window and warning symbol/Yellow symbol and text message
IV	Text window and warning symbol/Text message
DL	Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
ECM	P0DF400	Permanent
ECM	P0DF400	Intermittent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	H6	BH6PHEV					2022-9999		-	202147-999952
225	H6	BH6PHEV					2022-9999		-	202147-999952
238	H6	BH6PHEV					2022-9999		-	202147-999952
246	H6	BH6PHEV					2022-9999		-	202147-999952
256	H6	BH6PHEV					2022-9999		-	202147-999952

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SERVICE:

***Structure weeks 202147 - 202446:** Improved ECM software has been released in version 3.4.4. Please perform a software upgrade according to TJ 31543.

***Structure Weeks 2024w47 - newer:** A software release is planned for 2025 quarter 2, please follow the steps below.

Start by following this journal before any VIDA fault tracing or parts replacement.

The DTC ECM P0DF400 can be misdetected and cause a message in DIM stating, "Propulsion System Service Required".

- If the vehicle is drivable and the turtle light is **not** on in the DIM, do not replace any parts, clear the DTCs, and release the vehicle to the customer.
- If the vehicle has a turtle symbol active in the DIM follow the steps below:
 1. Erase DTCs.
 2. Let the vehicle go to usage mode "Abandoned" - this can take up to a minimum of 20 minutes.
 3. Start the engine and let it idle for 3 minutes.
 4. Perform a new VIDA readout.

If the DTC ECM P0DF400 doesn't return, do not replace any parts. Release the vehicle to the customer.

If the DTC returns please contact Retailer Technical Support through your normal process. See instructions under "Vehicle Report".

Work is ongoing, and improved SW is planned for 2025 quarter 1.

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
99922-2	General reimbursement acc. to TJ/QB
36001-2	Diagnostic trouble codes read/reset/known Diagnostic codes with VIDA
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 3233.