

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title DIM Message and DTC IEM P0A4000		Ref. No. TJ 36905.2.0	
Issuer (Dept.) Technical Service		Issue Date 6/26/24	Status Date 8/7/24
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:

If a customer experiences a DIM message stating “Propulsion System Service Required” and DTC IEM P0A4000 is set, please follow the advice under “Service”.

DIM = Driver Information Module

DTC = Diagnostic Trouble Code

IEM = Inverter Electric Rear Axle Drive Module

ERAD= Electric Rear Axle Drive

CSC Customer Symptom Codes

Code	Description
53	Driving, Twin Engine/Propulsion using electric motor not possible
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
IEM	P0A4000	Permanent
IEM	P0A4000	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

Technical Journal 36905.2.0

SERVICE:

The DTC IEM P0A4000 can be mis-detected, please start by following the steps below before replacing any parts:

- Erase DTC.
- Let the vehicle go to "Abandoned mode" - this can take up to 20 minutes.
- Perform a **new** VIDA readout.

If the DTC IEM P0A4000 does not return, do not replace any parts, and release the car to the customer.

If the DTC returns, please contact Retailer Technical Support through your normal escalation process, see text under "Vehicle Report".

***A new software will be released year 2024 quarter 3.**

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
99924-2	General reimbursement acc. to TJ/QB
36001-2	Diagnostic trouble codes read/reset/known Diagnostic codes with VIDA

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.