

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title Propulsion Message with DTC IEM P0A7A48		Ref. No. TJ 37504.1.0	
Issuer (Dept.) BBURGARD - Brian Burgard		Issue Date 9/11/25	Status Date 9/19/25
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	

DESCRIPTION:

If a customer experiences a DIM message stating "Propulsion Service Required" and IEM P0A7A48 is stored, please follow the advice under "Service".

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
8M	Warning lights and chimes/Other warning/chime problems
DL	Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
IEM	P0A7A48	Permanent
IEM	P0A7A48	Intermittent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
536	ED	E400V6					2021-2023		-	202037-202316
539	ED	E400V6					2022-2023		-	202139-202316

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SERVICE:

If the DTC IEM P0A7A48 is set as a single IEM DTC, this could be a misdetection. Please follow the instructions below:

- Erase the DTC.
- Let the vehicle enter usage mode “Abandoned” (this may take a minimum of 20 minutes).
- Test drive the vehicle.
- Perform a new VIDA readout and verify that the DTC did not reset.

If the DTC does not reset, return the vehicle to the customer. If the DTC resets, follow the fault tracing in VIDA.

Improved software is planned for release in quarter 4, 2025. This journal will be updated when the software is available.

Abbreviation:

IEM – Inverter Electronic Rear Axle Drive Module

VIDA – Vehicle Information and Diagnostics for Aftersales

DIM- Drive Information Module

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.

Please note that fault tracing is not eligible for separate reimbursement under this TJ. Any fault tracing VST operation numbers will be rejected.

Note that the TJ number must be stated in the repair order text.

VST Operation Number

VST Operation Number	Description
98817-2	DTC readout/reset incl. VIDA connection acc. to TJ
98802-2	Reimbursement acc. to TJ

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 3233.