VOLVO

Volvo Car USA LLC		Technical Journal	
Technical Journal Title Propulsion Message with DTC IEM P0A7A48		Ref. No. TJ 37504.3.0	
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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:

*VST Operation Number updated.

*“Service” instructions updated.

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

SERVICE:

*If the DTC IEM P0A7A48 is set as a single DTC without any other symptoms, this is a misdetection.

*Do not replace any parts. A software improvement was introduced with version 4.2.13, and **further software improvements are planned for release in Q1 2027.**

***If the vehicle's software version is older than 4.2.13, perform a software upgrade according to TJ 31543.**

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
98820-2	Software download incl. Vida connection

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.