

V O L V O

Volvo Car USA LLC

Technical Journal

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| Technical Journal Title Propulsion Message with DTC IEM P0A7A48 | | Ref. No. TJ 37504.2.0 | |
| Issuer (Dept.) BBURGARD - Brian Burgard | | Issue Date 12/15/25 | Status Date 12/18/25 |
| 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:

*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 |

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SERVICE:

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

*A software solution is introduced with version 4.2.13; perform a software upgrade according to TJ 31543.

Abbreviations:

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 |
|-----------------------------|------------------------------|
| 98821-3 | Software download 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.