

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title Vehicle Fails to Charge on All AC and DC Chargers		Ref. No. TJ 37436.4.0	
Issuer (Dept.) Technical Service		Issue Date 9/4/25	Status Date 9/4/26
Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA		Function Group 3234
Function Description Onboard charger, high voltage		Page Page 1 of 3	

Attachment

File Name	File Size
TJ_37436_1.pdf	0.2418 MB

Rows beginning with * are modified

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

DESCRIPTION:

*Added VST operation no. 98805-2 (general reimbursement acc. to TJ, to be used for de-energizing and connector check)

If a customer reports being unable to charge using either AC or DC at any charger, please follow the advice under "Service".

CSC Customer Symptom Codes

Code	Description
YL	Plug-in charging/No/reduced/incorrect function/With external AC-cable
YZ	Plug-in charging/No/reduced/incorrect function/With external DC-cable
YW	Charging socket/LED indicates fault/reduced charging/Unsure when/at all times

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
CDD	P0E9800	Permanent
CDD	P0E9900	Permanent
CDD	P116000	Permanent
VCU1	POD6706	Permanent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
416							2024-2099		-	202336-209952

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SERVICE:

Videos of fault attached for comparison of issue from the description.
Start fault tracing by checking the following:

1. The condition of the EVI for damage and/or foreign objects.
 - Sample images can be found on page 1 of the attached PDF file.
2. The connectors at the CDD: unplug, then plug them in again.
 - Relevant connectors are numbers 1, 2, 6, and 9 on the drawing on page 2 of the attached PDF file.
 - * Note: The High Voltage Battery must be disconnected according to VIDA before unplugging the connectors.

If no deviations are found at the EVI or at the connectors at the CDD, continue fault tracing in VIDA.

Abbreviations:

AC – Alternating Current
DC – Direct Current
EVI – Electric Vehicle Inlet
CDD – Charger and DC-DC 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.

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

Failing Part In case of fault 1: EVI, Part Number depending on market region, to be looked up in VIDA

VST Operation No in case of fault 1, EVI replacement: 36400-2

*** VST Operation No** in case of fault 2, de-energizing and connector check: 98805-2

VST Operation Number

VST Operation Number	Description
98805-2	General Reimbursement acc. To TJ
36400-2	Charge Connector (EVI) replacement

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 3234.

To view TJ attachment continue to next page. This TJ has one attachment.

