

**Volvo Car USA LLC****Technical Journal**

Technical Journal Title		Ref. No.	
Torque Fluctuates While Driving		TJ 36846.1.0	
Issuer (Dept.)		Issue Date	Status Date
Technical Service		2/9/24	2/15/24
Car Market	Partner	Function Group	
United States and Canada	3 US 7510 Volvo Car USA	3230	
Function Description		Page	
Electric drive system, high voltage		Page 1 of 2	

Attachment

File Name	File Size
TJ-36846_1.mp4	1.4044 MB

DESCRIPTION:

If a customer experiences torque fluctuation in the DIM, (see the attached example video) and IEM P0E0500 is set, please follow the advice under "Service."

DIM = Driver Information Module

DTC = Diagnostic Trouble Code

IEM = Inverter Electric Rear Axle Drive Module

CSC Customer Symptom Codes

Code	Description
1Q	Driving/Poor performance/lacks power/At take off
AJ	Driving/Poor performance/lacks power

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
IEM	P0E0500	Permanent
IEM	P0E0500	Intermittent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
536	EH	E400V8					2024-9999		-	202317-999952
536	ER	E400V12					2024-9999		-	203217-999952
539	EH	E400V8					2024-9999		-	202317-999952
539	ER	E400V12					2024-9999		-	202317-999952

SERVICE:

The DTC IEM P0E0500 can be mis-detected and cause the torque to fluctuate while driving.

Please follow this journal before replacing any parts:

1. Erase the DTC.
2. Let the vehicle go to "Abandoned mode."
3. Perform a new VIDA readout.

If the DTC IEM P0E0500 does not return do not replace any parts. Release the car to the customer.

If DTC returns, please contact technical support through your normal escalation process, see text under "Vehicle Report".

An analysis is ongoing to solve the issue.

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
99922-2	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 3230.

This TJ has one video file.