

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title DIM Message and DTC IEM P0C0500		Ref. No. TJ 36863.3.0	
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Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 4632	
Function Description Electrical rear axis drive		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:

If a customer experiences a “Propulsion System Performance” message in the DIM and diagnostic trouble code IEM P0C0500, please follow the advice under “Service”.

IEM = Inverter Electric Rear Axle Drive

DIM = Drive Information Module

CSC Customer Symptom Codes

Code	Description
AJ	Driving/Poor performance/lacks power
DL	Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
IEM	P0C0500	Intermittent
IEM	P0C0500	Permanent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	BK	B1LPHEV					2020-2022		-	201920-202146
224	BR	B1FPHEV					2020-2022		-	201917-202146
225	BK	B1LPHEV					2020-2022		-	201920-202146
225	BR	B1FPHEV					2020-2022		-	201917-202146
238	BR	B1FPHEV					2020-2022		-	201917-202146
246	BK	B1LPHEV					2020-2022		-	201920-202146
246	BR	B1FPHEV					2020-2022		-	201917-202146
256	BR	B1FPHEV					2020-2022		-	201917-202146

Technical Journal 36863.3.0

SERVICE:

Do not replace any parts before reading this journal.

*Please follow the steps below:

1. Erase the DTC.
2. Test drive the vehicle in electrical mode and accelerate until the vehicle reaches a minimum of 30 km/h (19 mph).
3. Perform a **new** VIDA readout.

*If the DTC IEM P0C0500 does not return, do not replace any parts, and release the car to the customer.

If the DTC returns please contact Retailer Technical Support, see text under "Vehicle Report".

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
36001-2	Diagnostic trouble codes read/reset/known Diagnostic codes with VIDA
99924-2	General reimbursement acc. to TJ/QB

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 4632.