

Volvo Car USA LLC

Technical Journal

Technical Journal Title LR PHEV IEM P060700/P061A00 Control Module Performance DTCs		Ref. No. TJ 36823.5.0	
Issuer (Dept.) Technical Service		Issue Date 7/16/24	Status Date 7/24/24
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:

*Updated VST Op number.

If a customer experiences a “Propulsion System Performance” message in the DIM with diagnostic trouble code IEM P060700, often in combination with IEM P061A00, please follow the instructions under “Service”.

LR PHEV = Long Range Plug-In Hybrid Electric Vehicle

IEM = Inverter Electric Rear Axle Drive Module

DIM = Driver Information Module

CSC Customer Symptom Codes

Code	Description
IV	Text window and warning symbol/Text message
DL	Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
IEM	P061A00	Permanent
IEM	P060700	Permanent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	H6	BH6PHEV					2022-9999		-	202147-999952
225	H6	BH6PHEV					2022-9999		-	202147-999952
235	H6	BH6PHEV					2022-9999		-	202147-999952
238	H6	BH6PHEV					2022-9999		-	202147-999952
246	H6	BH6PHEV					2022-9999		-	202147-999952
256	H6	BH6PHEV					2022-9999		-	202147-999952

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SERVICE:

Please start by following this journal before replacing any parts.

Ensure that the vehicle has the latest software installed.

*The DTC IEM P060700 in combination with IEM P061A00 could be mis-detected and cause reduced performance and/or a message in DIM stating, "Propulsion System Performance".

If the vehicle has no drivability symptoms or turtle light in the DIM, do not replace any parts. Clear the DTCs and release the vehicle to the customer

***Note: If the vehicle has the latest software, has active warnings in the DIM, and the DTCs can't be erased please follow the steps below.**

1. Let the vehicle go to "Sleep Mode" by disconnecting from VIDA, closing all doors, locking the vehicle with the remote, and then waiting 15 minutes.
2. After 15 minutes unlock the car, reconnect VIDA, and then attempt to clear the DTC.
3. Carry out a road test.
4. Perform a new VIDA readout.

*If the DTCs IEM P060700/IEM P061A00 do not return, do not replace any parts. Release the car to the customer.

*If DTCs return please contact Retailer Technical Support, see instructions under "Vehicle Report".

Improved SW is planned for 2024 quarter 3.

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
36100-2	Test drive acc. to Technical Journal

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 3233.