

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title BECM Issues With SW 5.1.9		Ref. No. TJ 37867.1.0	
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Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 3113	
Function Description Battery, high voltage		Page Page 1 of 2	

DESCRIPTION:

If a vehicle has been updated to 5.1.9 SW and experiences one of the error states below in combination with BECM and/or IGM fault codes, please follow the instructions under Service.

- High Voltage Battery SOC drops down to 0% unexpectedly
- High Voltage Battery does not charge to 100% SOC
- Not possible to charge High Voltage Battery

CSC Customer Symptom Codes

Code	Description
53	Driving, Twin Engine/Propulsion using electric motor not possible
YN	High voltage battery/Discharged/poor charge
68	Plug-in charging of high-voltage battery/Charging time increased
7G	Text window and warning symbol/Yellow symbol and text message
IV	Text window and warning symbol/Text message

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
BECM	POA7F9A	Intermittent
BECM	POB3D16	Intermittent
BECM	POEDE9A	Intermittent
BECM	POB4716	Intermittent
BECM	POEDD9A	Intermittent
BECM	POB4216	Intermittent
IGM	P056200	Intermittent
IGM	POE3800	Intermittent

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Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	H6	BH6PHEV					2022-2024		-	202147-202345
225	H6	BH6PHEV					2022-2024		-	202147-202345
238	H6	BH6PHEV					2022-2024		-	202147-202345
246	H6	BH6PHEV					2022-2024		-	202147-202345
256	H6	BH6PHEV					2022-2024		-	202147-202345

SERVICE:

If Software version 5.1.9 has been installed, please update the vehicle to software baseline 5.1.17 or later by performing a Total Upgrade. A fix has been implemented in that release.

Prior to downloading new SW please make sure High Voltage Battery has a State of Charge of approximately 50%, charge/discharge as needed.

Abbreviations:

BECM: Battery Energy Control Module

SOC: State of Charge

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 OP numbers will be rejected.

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

VST Operation Number

VST Operation Number	Description
98820-2	Software download incl. VIDA connection

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 3113.