



Volvo Car USA LLC

Technical Journal

Technical Journal Title SR PHEV Cell Module Replacement		Ref. No. TJ 36376.1.0	
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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:

When replacing a high-voltage battery cell module in a PHEV, please follow the instructions under "Service."

CSC Customer Symptom Codes

Code	Description
BE	Starting/Engine does not start/Engine does not turn/Unsure when/at all times
7G	Text window and warning symbol/Yellow symbol and text message
FB	Text window and warning symbol/Other problems

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
BECM	P0EE162	Permanent
BECM	POA7F62	Permanent
BECM	POEDD62	Permanent
BECM	POEDE62	Permanent
BECM	POEDF62	Permanent
BECM	P0EE062	Permanent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	BK	B1LPHEV					2020-2022		-	201928-202145
224	BR	B1FPHEV					2019-2022		-	201850-202146
225	BK	B1LPHEV					2020-2022		-	201928-202146
225	BR	B1FPHEV					2020-2022		-	201925-202146
238	BC	B1BPHEV					2018-2018		-	201726-201744
238	BR	B1FPHEV					2018-2022		-	201746-202142
246	BK	B1LPHEV					2020-2022		-	201928-202146
246	BR	B1FPHEV					2018-2022		-	201719-202146
256	BC	B1BPHEV					2016-2017		-	201526-201716
256	BR	B1FPHEV					2018-2022		-	201717-202146

SERVICE:

Depending on the model year for the car you need to use different methods to get the target voltage for the new replacement module.

For model year 2016 to 2019 (MY16-19): To successfully replace a cell module in MY16-19 contact Retailer Technical Support to get the cell capacity for the concerned car. The capacity is used to decide whether a cell module(s) or the complete battery should be replaced. For MY16-19 the target value for the new module should be the same voltage as the other modules.

For model year 2020 to 2022 (MY20-22): To successfully replace a cell module in MY20-22, please follow the instructions in VIDA. For MY20-22 VIDA will guide you on what target voltage you should charge the new module to and also what cell capacity to use (Components / ECUs / BECM / Diagnostic Sequences / Getting Target Voltage for New Module at Replacement).

Work is ongoing to implement the same functionality in MY16-19 as in MY20-22.

Warranty claim info:

No warranty claim accepted for a job described in this TJ. Released as information only.

VEHICLE REPORT:

Yes, please submit a Vehicle Report if technical support is needed. Use the concern area "Vehicle Report" and sub-concern area "Support needed," use function group 3113.