

Technical Journal

TITLE:

Long range PHEV BECM DTC P065800 leads to BDU replacement

REF NO: 36285.2.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States	
PARTNER: 3 US 7510 Volvo Car USA, LLC		ISSUE DATE: 2022-09-09	STATUS DATE: 2022-09-12
FUNC GROUP: 3113	FUNC DESC: Battery, high voltage	Page 1 of 3	

“Right first time in Time”

Rows beginning with * are modified

Note! If using a printed copy of this Technical Journal, first check for the latest online version.

DESCRIPTION:

If the check engine light appears in the DIM (Driver Information Module) and BECM (Battery Energy Control Module) Diagnostic Trouble Code (DTC) P065800 is set as Confirmed, follow the information under “Service”.

CSC Customer Symptom Codes

Code	Description
53	Driving, Twin Engine/Propulsion using electric motor not possible
AJ	Driving/Poor performance/lacks power

DTC Diagnostic Trouble Codes

ECU	DTC	Fault Type
BECM	P065800	Permanent

Technical Journal 36285.2.0

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	H6	BH6PHEV					2022-2023		-	202147-202552
225	H6	BH6PHEV					2022-2023		-	202147-202552
235	H6	BH6PHEV					2022-2023		-	202147-202552
238	H6	BH6PHEV					2022-2023		-	202147-202552
246	H6	BH6PHEV					2022-2023		-	202147-202552
256	H6	BH6PHEV					2022-2023		-	202147-202552

SERVICE:

Background Information:

The BECM DTC P065800 can sometimes be misdetected as the result of an interrupted charging cycle.

To avoid this misdetection, make sure to follow the recommended charging information available on the Volvo Cars support site under “charging the hybrid battery,” some of which has been copied below for convenience:

- Never connect the charging cable to an extension cord or power strip.
- Do not use one or more adapters between the charging cable and the electrical socket.
- Do not use an external timer between the charging cable and the electrical sockets.
- Note that the charging cable must be unplugged from the car’s charging input socket before being unplugged from the wall socket, partly to avoid damage to the system, and partly to avoid stopping the charging unintentionally.
- Before the charging cable is disconnected from the car’s charging input socket, the car must be unlocked using the unlock button on the key. This must be carried out even if the doors on the car are already unlocked. If the car is not unlocked using the unlock button, this may lead to damage to the charging cable or to the system.
- Avoid exposing the charging cable and its plug to direct sunlight. In such cases, the overheating protection in the plug is at risk of reducing or interrupting the charging of the car.

*** In an effort to reduce the possibility of an interrupted charging session and setting of the BECM P065800 DTC, please ensure the vehicle has the latest software installed by performing a Total Upgrade in accordance with TJ 31543.**

Once the vehicle software is up-to-date, download the appropriate BECM Software Package listed below for the vehicle in question:

XC90/XC60 - 32301780

S90/V90/V90CC - 32319446

S90L - 32319470

S60/V60/V60CC - 32319488

Technical Journal 36285.2.0

Warranty claim info:

To get warranty claim accepted for a job described in this TJ, please use following data:

VST OP number: 36004-2

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

VST Operation Number

VST Operation Number	Description
36004-2	Software control module downloading

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.