

**Volvo Car USA LLC****Technical Journal**

Technical Journal Title 12V Critical Charge Message w/ MVBM-B166094 MVBM-B165F94 DTC's set		Ref. No. TJ 35976.4.0	
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Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 3111	
Function Description Battery, complete		Page Page 1 of 2	

Rows beginning with * are modified

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DESCRIPTION:

If the customer experiences a 12V Critical Charge message in the DIM, and the DTC's listed below are set, please follow the advice under "service".

DIM = Driver information Module

MVBM = Mid Voltage Battery Module

DTC = Diagnostic Trouble Code

CSC Customer Symptom Codes

Code	Description
LN	12 V main battery/Weak or low electrical power
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
MVBM	B165F94	Permanent
MVBM	B166094	Permanent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
225	06	B06KERS					2022-2023		-	202122-202317
236	06	B06KERS					2022-2023		-	202122-202317
238	06	B06KERS					2022-2023		-	202122-202317
246	06	B06KERS					2022-2023		-	202122-202317
256	06	B06KERS					2022-2023		-	202122-202317

SERVICE:

Do not replace the MVBM or 12V battery if the customer experiences these symptoms. Delete the DTC's and perform a software update.

*A software improvement (v2.14.3) is available in VIDA 2024 week 08, and is planned to be available via OTA 2024 week 10.

For software release information and timing, see VIDA - Release Notes.

If the customer experiences this issue, please perform a software upgrade according to TJ 31543.

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
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 not needed", use function group 3111.