



## Volvo Car USA LLC

## Technical Journal

Technical Journal Title 12V Critical Charge Message w/ MVBM-B166094 MVBM-B165F94 DTC's set		Ref. No. TJ 35976.3.0	
Issuer (Dept.) Technical Service		Issue Date 12/18/23	Status Date 1/3/24
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

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

### DESCRIPTION:

\* Updated in its entirety.

If the customer experiences a "12 volt critical charge" message in the DIM and MVBM-B166094 / MVBM-B165F94 DTC's are set, please follow 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
234	06	B06KERS					2022-2023		-	202122-202317
235	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. Delete the DTC's and perform a SW update. A new SW fix is planned 2024 quarter 1.

**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.