



Technical Journal

TITLE:
12V battery message and DTC CEM-B129F96

REF NO: TJ 34241.1.2	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2018-12-20	STATUS DATE: 2018-12-20
FUNC GROUP: 3730	FUNC DESC: Cable system, front	Page 1 of 3	

“Right first time in Time”

Attachment

File Name	File Size
BCSM connectors TJ 34241.pdf	0.1298 MB

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224							2019-9999		-	201835-999952
225							2019-9999		-	201817-999952
23X							2017-9999		-	201617-999952
246							2018-9999		-	201717-999952
256							2016-9999		-	201552-999952

CSC Customer Symptom Codes

Code	Description
LN	Battery/Weak or low electrical power
LO	Alternator and charge regulator/Power supply problems

VST Operation Number

VST Operation Number	Description
31123-2	Battery Control Switch Module Reset Procedure
31124-3	Battery Charging in Vehicle



DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
CEM	B129F96	Permanent

Rows beginning with * are modified

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

Text

DESCRIPTION:

If DIM message “12V battery charging fault” is displayed and DTC CEM-B129F96 is permanent, please follow the instructions under “Service”.

DIM = Driver Information Module

CEM = Central Electronic Module

DTC = Diagnostic Trouble Code

SERVICE:

- Check that the main and secondary batteries are charged to at least 12.4 volts / 70%.
- Remove the lower connector (S) on the BCSM for 15 minutes (See attachment). This will reset the BCSM and the internal flash memory.
- Reconnect the BCSM.
- Erase all DTC's.
- Ensure stop/start functions, if the DTC does not reoccur the vehicle is OK.
- If the DTC reoccurs please follow the instructions under Vehicle Report.

BCSM = Battery Control Switch Module

VEHICLE REPORT:

Yes, please submit a TIE 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 3730 and title the report with “BCSM TJ 34241”.

To view TJ attachment continue to next page. This TJ has one attachment.

