



# Technical Journal

TITLE:  
**12V battery message, and DTC CEM - B129F96**

<b>REF NO:</b> TJ 34241.2.0	<b>ISSUING DEPARTMENT:</b> Technical Service	<b>CAR MARKET:</b> United States and Canada	
<b>PARTNER:</b> 3 US 7510 Volvo Car USA		<b>ISSUE DATE:</b> 2019-05-15	<b>STATUS DATE:</b> 2019-05-28
<b>FUNC GROUP:</b> 3730	<b>FUNC DESC:</b> 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
22X							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
36001-2	Diagnostic trouble codes read / reset / known Diagnostic trouble codes with VIDA
31106-2	Battery charging



## 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:

\*Vehicle Type 224 (S60) added.

DIM = Driver Information Module

CEM = Central Electronic Module

BCSM = Battery Control Switch Module

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

#### SERVICE:

- Ensure that the main battery is charged and the alternator is charging.
- Check the voltage of the support battery and charge if necessary, **if less than 11 volts it must be removed from the vehicle and charged for 8 hours/overnight.**
- 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 that the stop/start sequences are working as intended and are repeatable, if the DTC does not reoccur the vehicle is OK.
- If the DTC reoccurs please follow the instructions under Vehicle Report.

#### Warranty claim info:

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

VST OP number: 36001-2/31106-2 + applicable CSC.

#### 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.**

