



Technical Journal

TITLE:

Check Engine Light (BCM2 requesting MIL)REF NO:
TJ 35460.1.1ISSUING DEPARTMENT:
Technical ServiceCAR MARKET:
United States and CanadaPARTNER:
3 US 7510 Volvo Car USAISSUE DATE:
2020-03-06STATUS DATE:
2020-03-10FUNC GROUP:
5000FUNC DESC:
Brake

Page 1 of 2

“Right first time in Time”

Attachment

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
2XX	BK						2020-2020		-	201920-999952
2XX	BR						2020-2020		-	201920-999952

CSC Customer Symptom Codes

Code	Description
DL	Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication

VST Operation Number

VST Operation Number	Description
36001-2	Diagnostic trouble codes read / reset / known diagnostic trouble codes with Vida

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
SRS	B15381B	Intermittent

Rows beginning with * are modified

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



Text

DESCRIPTION:

The customer may experience a Check Engine Light with the following DTCs set together.

BCM2-U003700 - Vehicle Communication Bus B

ECM-P25A268 - Brake System Control Module

Requested MIL Illumination

A service solution is under development. Please do **NOT** replace hardware in an attempt to repair the vehicle.

For additional information refer to *service* below.

SERVICE:

Why does the fault appear?

Communication problem in start-up procedure of BCM2 (Brake Control Module 2)

Are any functions disabled or reduced when MIL lamp is lit?

No regenerative braking functionality available, no ERS (Engine Remote Start) with lamp lit

No other functionality is degraded when this symptom appears known by Volvo.

Do we have defined root cause at this stage?

Yes, it's related to the wakeup sequence of the BCM2 (Brake Control Module 2) when woken up a second time.

Is there any potential safety issue when the symptom appears?

No safety issues related when the symptom appears are known by Volvo.

Under what circumstances does the symptom occur?

If the vehicle is left in status inactive mode for 5-6 minutes and the BCM2 (Brake Control Module 2) is woken up by pressing the brake pedal or pulling the EPB (Electronic Parking Brake) switch the symptom may occur.

Is there any way to avoid the symptom?

Avoid delaying between unlocking and starting the vehicle.

What is the solution for this problem? Does it eliminate the problem completely?

The issue is under analysis but inform the customer to avoid leaving the vehicle in inactive mode as described above.

How to solve repeat repair cases?

Inform the customer on how to avoid the issue.

When can we expect a solution to be provided and available?

A solution is estimated to be available the second week of April.

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 5000.