



Technical Journal

TITLE:

Check engine light On, DTC ECM-P0EBF2

REF NO:
TJ 34446.1.0

ISSUING DEPARTMENT:
Technical Service

CAR MARKET:
United States and Canada

PARTNER:
3 US 7510 Volvo Car USA

ISSUE DATE:
2019-02-01

STATUS DATE:
2019-02-06

FUNC GROUP:
2700

FUNC DESC:
Engine controls

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"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	BR						2019-9999		-	201817-999952

CSC Customer Symptom Codes

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

VST Operation Number

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
ECM	P0EBF24	Intermittent

Text

**DESCRIPTION:**

If a Check Engine Light in combination with DTC ECM-P0EBF24 “A/C Refrigerant Temperature sensor A” is set in vehicle, please follow “Service”.

Technical explanation:

If charging cable is connected with power and the customer uses the Pre-Condition function (also called Parking Climate) then this DTC could be set when the car is started afterward.

This has been identified as misdetection in the Software.

ECM = Engine Control module

IHU = Infotainment Head Unit

VOC = Volvo On Call

SERVICE:

Please clear the DTC and release the vehicle.

Do not replace any components

Work is ongoing to create a service solution.

The fault can be avoided by ceasing use of Pre-Conditioning (Parking Climate). Remote Start can be used as an alternative when the vehicle is not connected to a charging cable.

Pre-conditioning (Parking Climate) can be activated using a timer in the IHU, manually in the IHU, with a timer in the VOC App, and manually in the VOC App

This work around can be shared with the customer.

VEHICLE REPORT:

Yes, please submit a Vehicle Report, “Support needed” if the information in this TJ has no effect.