



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	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	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.