

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title Check Engine Light with DTC ECM P052123		Ref. No. TJ 37414.2.0	
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Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA		Function Group 2285
Function Description Pressure sensor		Page Page 1 of 3	

Attachment

File Name	File Size
TJ_37414.jpg	0.2632 MB

Rows beginning with * are modified

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

DESCRIPTION:

*Updated break points in "Service".

If the Check Engine Light is on and DTC ECM P052123 is stored, please follow the advice under "Service".

Abbreviations:

DIM: Driver Information Module

DTC: Diagnostic Trouble Code

ECM: Engine Control Module

CSC Customer Symptom Codes

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

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
ECM	P052123	Permanent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	L1	BL1KERS					2022-9999		-	202122-999952
225	06	B06KERS					2023-9999		-	202222-999952
227	L1	BL1KERS					2023-9999		-	202222-999952
236	06	B06KERS					2022-9999		-	202122-999952
238	06	B06KERS					2022-9999		-	202123-999952
246	06	B06KERS					2022-9999		-	202122-999952

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Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
246	L1	BL1KERS					2022-9999		-	202122-999952
246	M1	BM1KERS					2025-9999		-	202417-999952
256	O6	B06KERS					2022-9999		-	202122-999952
256	L1	BL1KERS					2022-9999		-	202122-999952
256	M1	BM1KERS					2025-9999		-	202417-999952
536	K9	BK9KERS					2023-9999		-	202222-999952
536	L1	BL1KERS					2022-9999		-	202122-999952

SERVICE:

An improved oil pressure sensor has been implemented in the engine plants and as a spare part.

For cases **before** the engine serial numbers listed below, replace the oil pressure sensor.

For cases **after** the engine serial numbers listed below, replace the oil pressure sensor, and please submit a TIE Support Not Needed Vehicle Report so that the sensor can requested for analysis.

***Note: If the engine part number is not listed below, replace the oil pressure sensor; a Vehicle Report is not needed.**

*Break points for the Zhangjiakou engine plant:

- Engine part number 6906556/ Engine serial number 7005628
- Engine part number 6906552/ Engine serial number 7000002

*Break points for the Skövde engine plant:

- Engine part number 6907069/ Engine serial number 5905851

Warranty claim info:

To get a warranty claim accepted for a job described in this TJ, use the corresponding VST OP number stated in this TJ. Note that the TJ number must be stated in the repair order text.

Failing Part: 32242805

VST Operation Number

VST Operation Number	Description
36001-2	Diagnostic trouble codes read/ reset
38628-2	Sensor oil pressure replace

VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ is ineffective. Use the concern area "Vehicle Report" and the sub-concern area "Support Needed", use function group 2285.

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

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