

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title Check Engine Light with DTC ECM P052123		Ref. No. TJ 37414.1.1	
Issuer (Dept.) Technical Service		Issue Date 1/8/26	Status Date 1/12/26
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:

*Corrected an error in Vehicle Report

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

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					2022-2025		-	202122-999952
227	L1	BL1KERS					2023-9999		-	202222-999952
236	06	B06KERS					2022-9999		-	202122-999952
238	06	B06KERS					2022-9999		-	202122-999952
246	06	B06KERS					2021-9999		-	202022-999952
246	L1	BL1KERS					2022-9999		-	202122-999952
246	M1	BM1KERS					2025-9999		-	202417-999952

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Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
256	06	B06KERS					2023-9999		-	202222-999952
256	L1	BL1KERS					2023-9999		-	202222-999952
256	M1	BM1KERS					2025-9999		-	202417-999952
536	K9	BK9KERS					2023-2023		-	202220-202321
536	L1	BL1KERS					2023-9999		-	202220-999952

SERVICE:

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

- For cases with engines **before** the engine part and serial numbers listed below, replace the oil pressure sensor following VIDA instructions.
- For cases with engines **after** the engine part and serial numbers listed below, replace the sensor, and please submit a Vehicle Report. Use the concern area "Vehicle Report" and the sub-concern area "Support Not Needed", use function group 2285.

Engine Part Number and Serial Number info can be found in the Vehicle Details window in VIDA (see attached *TJ_37414*)

Breakpoints:

Skövde Engine Plant (Engine Serial Numbers starting with the number 4 or 5)

Engine part number: 6906913- AND Engine serial number: 5502549-

Zhangjiakou Engine Plant (Engine Serial Numbers starting with the number 7 or 8)

Engine part number: 6906534- AND Engine serial number: 7030410-

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 has no effect. 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.

VIDA

Home 560 (19-), 2025, 84294157, 1G-815D

Planning & Diagnostics Software Installation Information Service Journals

VIN: Customer Name: List

View Details

Vehicle Details Volvo Cars App

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VIN:		Speed Unit:	M
Model:	S60 (19-)	Steering Gear Prod No.:	32348345
Factory Code:	70	Type:	224
Structure Week:	202417	License Plate:	
Chassis:	352055	Partner Group:	America
Model Year:	2025	Diagnostic: WH-FI Capable:	Yes [i]
Upholstery/Interior Code:	RCDB	Upholstery/Interior:	CHARCOAL/LEATHER/CHARC
Vehicle Color Code:	717	Vehicle Color:	ONYX BLACK
Body Style Code:	0	Body Style:	NO SIGNIFICATION
Steering Code:	1	Steering:	L.H.D
Special Vehicle Code:	1	Special Vehicles:	LH DRIVE
Sales Version:	VE	Sales Version:	Ultra Black 5-Seat
Market Code:	31	Market:	CALIFORNIA
Engine Code:	H6	Engine:	84294157
Engine Part No.:	6905937	Engine Serial Number:	000000000000000000000005178729
Transmission Code:	D	Gearbox:	1G-815D
Transmission Part No.:	1265476	Transmission Serial No.:	000000000000000000000023L7817767

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