

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title		Ref. No.	
Check Engine Light with DTC ECM P052123		TJ 37414.3.0	
Issuer (Dept.)		Issue Date	Status Date
Technical Service		6/11/26	6/23/26
Car Market	Partner	Function Group	
United States and Canada	3 US 7510 Volvo Car USA	2285	
Function Description		Page	
Pressure sensor		Page 1 of 4	

Attachment

File Name	File Size
TJ_37414.jpg	0.1988 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 Vehicle Types and 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					2022-2025		-	202122-202426
225	06	B06KERS					2023-2026		-	202222-202539
227	L1	BL1KERS					2023-2026		-	202220-202616
236	06	B06KERS					2022-2026		-	202122-202539

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Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
238	O6	B06KERS					2022-2025		-	202123-202516
246	O6	B06KERS					2022-2026		-	202122-202539
246	HD	BHDPHEV					2027-2027		-	202617-202645
246	L1	BL1KERS					2022-2025		-	202122-202516
246	M1	BM1KERS					2025-2027		-	202417-202716
246	M2	BM2KERS					2027-2027		-	202616-202716
256	O6	B06KERS					2022-2027		-	202122-202716
256	HD	BHDPHEV					2027-2027		-	202617-202645
256	L1	BL1KERS					2022-2025		-	202122-202445
256	M1	BM1KERS					2025-2027		-	202417-202716
256	M2	BM2KERS					2027-2027		-	202617-202716
536	K9	BK9KERS					2023-2027		-	202222-202716
536	L1	BL1KERS					2022-2027		-	202122-202645

SERVICE:

An improved oil pressure sensor has been implemented in production 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.

*Break points for Factory Code 35 and 36:

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

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

*Break points for Factory Code 21, 22, and 70:

- L1, O6, K9, M1 Engines: Engine serial number 6150336
- M1, HD Engines: Engine serial number 6150114

Note: Engine Part Number, Serial Number, Factory Codes, and Engine Codes can be found in the Vehicle Details window in VIDA (see attached TJ_37414).

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.

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VIDA

Home XC60 (18-), 2026, B420T11, AWF8... X

Planning & Diagnostics Software Installation Information Service Journals

VIN: YV4M12RJT1329821
Model/Year/Chassis: XC60 (18-), 2026, 329821

List

Lists

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Wo View Details

Vehicle Details Volvo Cars App

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YV4M12RJT1329821

Model:	XC60 (18-)	Ordering Unit Prod No.:	329821
Factory Code:	21	Type:	246
Structure Week:	202526	License Plate:	
Chassis:	329821	Partner Group:	America
Model Year:	2026	Diagnostic Wi-Fi Capable:	Yes
Upholstery/Interior Code:	RP00	Upholstery/Interior:	CHARCOAL/VINYL5/CHARCOAL
Vehicle Color Code:	707	Vehicle Color:	CRYSTAL WHITE
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:	KK	Sales Version:	Core Dark 5-Seat
Market Code:	31	Market:	CALIFORNIA
Engine Code:	M1	Engine:	B420T11
Engine Part No.:	6907069	Engine Serial Number:	000000000000000000000005780151
Transmission Code:	C	Gearbox:	AWE/BGJ45 AWM