

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title Check Engine Light with ECM-P019621, P250A1C		Ref. No. TJ 37500.1.1	
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Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 3860	
Function Description Sensor for indicator and warning systems		Page Page 1 of 2	

Rows beginning with * are modified

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

DESCRIPTION:

*Updated breakpoint information in "Service"

If the Check Engine Light is on in the DIM and one or a combination of the listed DTCs below are set, please follow the advice under "Service".

CSC Customer Symptom Codes

Code	Description
BU	Lubrication and oil system/Incorrect fluid level
DL	Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
ECM	P019621	Permanent
ECM	P250A1C	Permanent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	L1	BL1KERS					2022-2025		-	202122-202425
227	L1	BL1KERS					2023-9999		-	202222-999952
236	06	B06KERS					2022-9999		-	202122-999952
238	06	B06KERS					2022-9999		-	202122-999952
246	06	B06KERS					2022-9999		-	202122-999952
246	L1	BL1KERS					2022-9999		-	202122-999952
246	M1	BM1KERS					2025-9999		-	202417-999952
256	06	B06KERS					2023-9999		-	202222-999952
256	L1	BL1KERS					2023-9999		-	202222-999952
256	M1	BM1KERS					2025-9999		-	202417-999952
536	K9	BK9KERS					2023-9999		-	202220-999952
536	L1	BL1KERS					2023-9999		-	202220-999952

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SERVICE:

An improved oil level sensor has been introduced at the engine plants.

For cases **before** the engine series numbers listed below, replace the oil level sensor according to VIDA procedures. No further action needed.

For cases **after** the engine series numbers listed below, replace the oil level sensor according to VIDA procedures and submit a Vehicle Report following the instructions below so that the parts can be requested for analysis when needed.

Breakpoints:

Engine part number: 6906520 Engine serial number: 7000650-

Engine part number: 6906532 Engine serial number: 7024118-

Engine part number: 6906534 Engine serial number: 7016901-

Engine part number: 6907067 Engine serial number: 8127749-

Engine part number: 6907081 Engine serial number: 8132093-

Engine part number: 6906935 Engine serial number: 8101023-

All other engine part numbers: Engine serial number: 5314803-

NOTE: The Engine part and serial numbers as referenced above are found in *VIDA >> Vehicle Details >> General Attributes OR TIE Vehicle Details*. It is *not* the part number that is listed in the VIDA parts catalog.

Abbreviations:

DIM: Driver Information Module.

DTC: Diagnostic Trouble Code.

ECM: Engine Control Module.

Warranty claim info:

To get a warranty claim accepted for a job described in this TJ, use the corresponding VST OP number and CSC stated in this TJ.

Please note that fault tracing is not eligible for separate reimbursement under this TJ. Any fault tracing VST operation numbers will be rejected.

Note that the TJ number must be stated in the repair order text.

VST Operation Number

VST Operation Number	Description
38626-2	Oil level sensor replace
98817-2	DTC readout/ reset incl. VIDA connection acc. to TJ

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 Not Needed", use function group 3860.