

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title Check engine light and DTC - ECM P061C48/P060C48		Ref. No. TJ 36920.2.1	
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Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 2154	
Function Description Camshaft		Page Page 1 of 3	

Rows beginning with * are modified

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

DESCRIPTION:

* Updated info under Service and VST operations.

If the customer experiences a “Check engine light” and/or message in the DIM and one or both listed DTCs are set, please follow advice under “service”.

DIM: Driver Information Module.

DTC: Diagnostic Trouble Code.

CSC Customer Symptom Codes

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

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
ECM	P061C48	Permanent
ECM	P060C48	Permanent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	L1	BL1KERS					2021-9999		-	202022-999952
225	06	B06KERS					2021-9999		-	202022-999952
225	L1	BL1KERS					2021-9999		-	202022-999952
227	L1	BL1KERS					2021-9999		-	202022-999952
227	L5	BL5KERS					2022-9999		-	202122-999952
235	06	B06KERS					2021-9999		-	202022-999952
235	L1	BL1KERS					2021-9999		-	202022-999952
236	06	B06KERS					2021-9999		-	202022-999952
236	L1	BL1KERS					2021-9999		-	202022-999952

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Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
238	06	B06KERS					2022-9999		-	202111-999952
246	06	B06KERS					2020-9999		-	202005-999952
246	L1	BL1KERS					2020-9999		-	201946-999952
256	06	B06KERS					2020-9999		-	202005-999952
536	K9	BK9KERS					2021-9999		-	202020-999952
536	L1	BL1KERS					2021-9999		-	202020-999952

SERVICE:

Do not replace any parts before steps 1-7 have been performed.

1. Clear the DTCs.
2. With the transmission in PARK, Rev the engine at a standstill to 1500-2200 RPM, keep RPM for 10 seconds.
3. Release pedal to idle, wait 3 seconds.
4. Repeat steps 2 and 3 *10 times*.
5. Check if DTCs re-occur.
6. If not, make a test drive and repeat step 2-5, after the test drive.
7. If the DTCs don't re-occur, release the car to customer.

If the DTCs re-occur follow instructions below:

1. Change the intake camshaft according to VIDA methods.
2. Change the timing belt according to VIDA methods.

IMPORTANT! - only hand tools should be used according to VIDA methods, otherwise parts can be damaged.

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.

NOTE: Your warranty claim will be rejected if the procedure in this TJ is not followed. This will be followed using warranty claim control.

*Timing belt replacement is included in operation for camshaft replacement

VST Operation Number

VST Operation Number	Description
99922-2	General Reimbursement acc to TJ
36001-2	Diagnostic trouble codes read / reset / known Diagnostic trouble codes with VIDA
21546-2	Camshafts replace

VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use concern area "Vehicle Report" and sub concern area "Support needed", use function group 2154.