



Technical Journal

TITLE:

Check engine lamp and DTC related to Fuel injector”B” offset learningREF NO:
TJ 36016.5.0ISSUING DEPARTMENT:
Technical ServiceCAR MARKET:
United States and CanadaPARTNER:
3 US 7510 Volvo Car USAISSUE DATE:
2021-09-21STATUS DATE:
2021-09-23FUNC GROUP:
2840FUNC DESC:
Control system, fuel supply**Page 1 of 3****“Right first time in Time”**

Attachment

File Name	File Size
TJ36016 -Resetting injector adaptations.JPG	0.1040 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 instructions under service.

If the check engine lamp may appear in the DIM (Driver Information Module) and one or any combination of the listed DTC's is set, follow “service”.

Usually the car is running without any drivability issues.

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	P2C5300	Permanent
ECM	P2C5500	Permanent
ECM	P2C5700	Permanent
ECM	P2C5900	Permanent



Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	L1	BL1KERS					2022-2022		0000001-9999999	202122-202138
225	L1	BL1KERS					2022-2022		0000001-9999999	202122-202138
235	L1	BL1KERS					2022-2022		0000001-9999999	202122-202138
236	06	B06KERS					2022-2022		0000001-9999999	202122-202138
236	L1	BL1KERS					2022-2022		0000001-9999999	202122-202138
238	06	B06KERS					2022-2022		0000001-9999999	202122-202138
238	L1	BL1KERS					2022-2022		0000001-9999999	202122-202138
246	06	B06KERS					2022-2022		0000001-9999999	202122-202138
246	L1	BL1KERS					2022-2022		0000001-9999999	202122-202138

SERVICE:

* Changed instructions below.

* A new engine management software is available from 2021wk37.

Follow the actions in the correct order as below:

- 1) First perform an upgrade of the software according to TJ 31543.
- 2) Reset the injector adaptations with VIDA with a running engine! (see attached screenshot for guideline).

NOTE: Do not perform the above action in a different order!

Warranty claim info:

To get warranty claim accepted for a job described in this TJ, please use following data:

VST OP number 36004-2: Software control module downloading

VST OP number 99921-2: General reimbursement acc. to TJ

VST Operation Number

VST Operation Number	Description
36004-2	Software control module downloading
99921-2	General reimbursement acc. to TJ36016

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 not needed", use function group 2840.

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



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VIDA

Home XC60 (18-), 2022 T7, AWF8G45 AWD X

Planning & Diagnostics Software Installation Information Service Journals

VIN: LYVUEL1D0NB914023
Model/Year/Chassis: XC60 (18-), 2022, 914023

Customer Name: Connection: V / 68% Virtual #3 Active List: —

Lists

- Planning
 - Customer Symptom Codes
 - Claim Types
 - Technical Journals
 - Service Programs
 - Operations and Packages
 - Parts
 - Software
- Diagnostics
 - Components
 - Service Functions

ECUs

ID	Name
4/184	Active Safety Domain Master (ASDM)
16/105	Audio Control Module (AUD)
4/221	Battery Monitoring Sensor (BMS)
4/17	Brake Control Module 2 (BCM2)
16/202	Center Console Display (CCD)
4/56	Central Electronic Module (CEM)
4/154	Climate Control Module (CCM)
4/82	Differential Electronic Module (DEM)
4/213	Driver Door Module (DDM)
5/1	Driver Information Module (DIM)
4/197	Electronic Gear Selector Module (EGSM)
4/46	Engine Control Module (ECM)
4/318	Forward Looking Camera 2 (FLC2)
4/291	Forward Looking Radar (FLR)
4/112	Headlamp Control Module Left (HCML)
4/113	Headlamp Control Module Right (HCMR)

DTCs Documents Wiring Diagrams Parameters Activations Diagnostic Sequences Images

Diagnostic Sequences

- Activating fuel pump in tank
- Combustion of soot in the particulate filter
- Controlling of the AGM and ASSM shutters
- Engine knock overview
- Engine oil level
- Misfire counter, emission and catalytic related
- Quick test of the EVAP system
- Quicktest EVAP purge valve
- Read fuel adaptation area values
- Reading out permanent diagnostic trouble codes (USA/CDN)
- Read-out of number of blocked engine autostop occurrences
- Read-out of number of occurrences of system requested autostart of engine
- Recovering the ECM from crash mode
- Resetting adaptations for fuel/air mix (fuel trim)
- Resetting adaptations for the fuel pump, low pressure side
- Resetting of adaptation values for the fuel injectors
- Resetting of adaptation values for the lambda probe, front
- Resetting of adaptation values for the low pressure EGR valve
- Resetting of adaptation values for the pressure sensor, particulate filter

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