

# V O L V O

## Volvo Car USA LLC

## Technical Journal

Technical Journal Title Check engine light and DTC - ECM P014526		Ref. No. TJ 37181.1.0	
Issuer (Dept.) Technical Service		Issue Date 12/5/25	Status Date 1/2/25
Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 2544	
Function Description Lambda sond system		Page Page 1 of 3	

### Attachment

File Name	File Size
TJ_37181_1.pdf	0.1444 MB

### DESCRIPTION:

If DTC below is set and Check Engine Light is on, please follow advice under service.

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

### DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
ECM	P014526	Permanent

### Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	H6	BH6PHEV					2024-9999		-	202317-999952
225	H6	BH6PHEV					2024-9999		-	202317-999952
236	06	B06KERS					2024-9999		-	202317-999952
238	06	B06KERS					2024-9999		-	202317-999952
238	H6	BH6PHEV					2024-9999		-	202317-999952
246	06	B06KERS					2024-9999		-	202317-999952
246	H6	BH6PHEV					2024-9999		-	202317-999952
256	06	B06KERS					2024-9999		-	202317-999952
256	H6	BH6PHEV					2024-9999		-	202317-999952

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### SERVICE:

Do not replace any parts. The hardware is *usually* not at fault.

First perform an adaptation test drive as follows:

1. Erase the DTC and reset the adaptations for the lambda sensor according to attachment TJ\_37181\_1.pdf.
2. Check if the vehicle software is the latest version. If not, please perform a Total Upgrade of the vehicle software according to TJ 31543.
3. Perform a test drive with the engine at varying loads for approximately 30 minutes in at speeds ranging between 50-100 km/h (30-60 mph).
4. Perform a new VIDA readout and check if DTC has returned.

If the DTC doesn't re-occur, the car can be released to the customer

If the DTC re-occurs, pressure test the fresh air side and the exhaust system for air leaks and repair as needed according to VIDA instructions.

If the above measures have no effect, please see instructions under Vehicle Report below.

### 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.

### VST Operation Number

VST Operation Number	Description
36001-2	Test drive according to Technical Journal 4JV
36004-2	Software control module downloading
36001-2	Diagnostic trouble codes read/ reset

### 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 2544.

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

TJ 37166

VIDA

Home XC60 (18-) 4204156, TG-81SD x

Planning & Diagnostics Software Installation Information Service Journals

VIN: YV1UZH5UDN1004045 Customer Name: Connection: Virtual #1 -- / 72% Inactive

Model/Year/Chassis: XC60 (18-), 2022, 004045

Lists

- Planning
- Customer Symptom Codes
- Claim Types
- Technical Journals
- Service Programs
- Operations and Packages
- Parts
- Software
- Diagnostics (2)**
- Components
- Service Functions

ECUs Sensors & Actuators Cable harnesses Connectors

ID	Name
5/1	Driver Information Module (DIM)
4/197	Electronic Gear Selector Module (ESM)
<b>4/46</b>	<b>Engine Control Module (ECM) (4)</b>
4/286	Exterior Sound Module (ESM)
4/318	Forward-Looking Camera 2 (FLC2)
4/291	Forward-Looking Radar (FLR)

DTCs Documents Wiring Diagrams Parameters Activations Diagnostic Sequences (5) Readout

Diagnostic Sequences

- Engine knock overview
- Resetting adaptations for the gasoline particulate filter
- Resetting adaptations for the throttle unit
- Resetting of adaptation values for the flywheel
- Resetting of adaptation values for the lambda probe, front
- Resetting of adaptation values for the lambda probe, middle**
- Resetting of adaptation values for the lambda probe, rear**
- Reading out permanent diagnostic trouble codes (USA/CDN)
- Read-out of Readiness