

Volvo Car USA LLC

Technical Journal

Technical Journal Title Check Engine Light and DTC ECM-P138916		Ref. No. TJ 37406.1.0	
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Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 2555	
Function Description Supercharger, parts		Page Page 1 of 2	

DESCRIPTION:

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

ECM: Engine Control Module.

ECCM: Electronic Compressor 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	P138916	Permanent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
236	06	B06KERS					2022-9999		-	202122-999952
238	06	B06KERS					2022-9999		-	202122-999952
246	06	B06KERS					2022-9999		-	202122-999952
256	06	B06KERS					2023-9999		-	202222-999952

SERVICE:

Do not replace the electric supercharger.

This DTC is sent from the ECCM to the ECM, indicating low 48V system voltage.

Focus fault tracing on the 48V mid-voltage system:

- Use the VIDA Service Function Mid Voltage System, overview
- If the fault tracing shows an acceptable voltage level, erase the DTC and release the car to the customer.

Work is ongoing to improve the VIDA fault tracing for this DTC. This TJ will be updated when new informaton is avaiable.

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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	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 2555.