



# Technical Journal

TITLE:

**Petrol engine & misfire codes**

REF NO:  
**TJ 33533.3.0**

ISSUING DEPARTMENT:  
**Technical Service**

CAR MARKET:  
**United States and Canada**

PARTNER:  
**3 US 7510 Volvo Car USA**

ISSUE DATE:  
**2018-11-27**

STATUS DATE:  
**2018-12-04**

FUNC GROUP:  
**2838**

FUNC DESC:  
**Software**

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**“Right first time in Time”**

## Attachment

## Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
23X	10	B4204T23					2018-2019		0000001-9999999	201717-201848
23X	A2	B4204T27					2018-2019		0000001-9999999	201717-201848
23X	BR	B1FPHEV					2018-2019		0000001-9999999	201717-201848
246	08	B4204T20					2018-2019		0000001-9999999	201717-201848
246	10	B4204T23					2018-2019		0000001-9999999	201717-201848
246	A2	B4204T27					2018-2019		0000001-9999999	201717-201848
246	BR	B1FPHEV					2018-2019		0000001-9999999	201717-201848
256	08	B4204T20					2018-2019		0000001-9999999	201717-201848
256	10	B4204T23					2018-2019		0000001-9999999	201717-201848
256	A2	B4204T27					2018-2019		0000001-9999999	201717-201848
256	BR	B1FPHEV					2018-2019		0000001-9999999	201717-201848
536	16	B4204T18					2019-2019		0000001-9999999	201746-201848

## CSC Customer Symptom Codes

Code	Description
AJ	Driving/Poor performance/lacks power
DL	Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication



## VST Operation Number

VST Operation Number	Description
36004-2	Software control module downloading

## DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
ECM	P030092	Intermittent
ECM	P030098	Intermittent

Rows beginning with \* are modified

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

## Text

### DESCRIPTION:

In certain driving conditions (extreme acceleration events) at approximately 5000 RPM or above the CEL (Check Engine Light) may illuminate which will correlate with the above codes. If the driver continues the extreme acceleration event, the CEL will begin to flash.

The system is designed to prevent serious engine and catalyst damage. Therefore the system will command a reduced engine performance message.

This is normal and this may take upwards of 15-20 seconds for the system to recover after this event.

The CEL will illuminate which indicates the following fault codes:

ECM-P030092 random misfire detected

ECM-P030098 random misfire detected

This scenario is presenting itself as a misfire event, however the system is picking up background noise due to flywheel adaptation calibration.

If above mentioned DTC's have been readout with VIDA, follow "Service" below.

### SERVICE:

\* A new engine management software is available from 2018w48.

\* Perform a Total software upgrade according to TJ 31543.

### 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 2838.