



# Technical Journal

TITLE:

**SPA P044200 EVAP Troubleshooting Guide**

<b>REF NO:</b> TJ 33198.1.1	<b>ISSUING DEPARTMENT:</b> Technical Service	<b>CAR MARKET:</b> United States and Canada	
<b>PARTNER:</b> 3 US 7510 Volvo Car USA		<b>ISSUE DATE:</b> 2017-11-07	<b>STATUS DATE:</b> 2017-11-15
<b>FUNC GROUP:</b> 2344	<b>FUNC DESC:</b> Fuel filling part	Page 1 of 3	

“Right first time in Time”

## Attachment

File Name	File Size
TJ 33198 Hybrid and Non Hybrid filler pipe inserts.pdf	0.0842 MB

## Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
234	A2	B4204T27					2017-2017		-	0-0
235	A2	B4204T27					2017-2018		-	0-0
236	A2	B4204T27					2017-2018		-	0-0
238	98	B4204T23X					2018-2018		-	0-0
238	99	B4204T27X					2018-2018		-	0-0
246	A2	B4204T27					2018-2018		-	0-0
256	10	B4204T23					2017-2018		-	0-0
256	A2	B4204T27					2017-2018		-	0-0

## CSC Customer Symptom Codes

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

## VST Operation Number



## DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
ECM	P044200	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:

The information contained here is to be used to troubleshoot Evaporative Emission leaks in SPA vehicle (ECM-DTC-P044200)

If you receive a customer complaint of a Check Engine Light on for ECM-DTC P044200, please follow the diagnostics steps listed below. There is also a [video and diagnostic aid](#) that will further assist with a successful diagnostic session and repair of this complaint.

1. Perform the Quick Test of the EVAP system in VIDA. See attached diagnostic guide for additional details pertaining to this test (Component > Engine Control Unit > Diagnostic Sequences > EVAP Quick Test)
2. If the DTC was stored it is necessary to perform a Smoke (pressure) test of the system. Please connect the smoke tester as per VIDA instructions (Include path to test in VIDA)  
Before performing the smoke test, please watch attached video
3. If the smoke is not clearly visible at any components or connections, it may be necessary to spray all visible connections and/or openings with soapy water to locate the leak. If the leak is located, perform the necessary repair to resolve the leak.
4. After making the necessary repair, perform a 2nd EVAP quick test to ensure system is leak tight.

### \*\*NOTE\*\*

Leak shown in the attached video was created for illustration purposes. This is not a typical leak.

### SERVICE:

If a leak is found, perform necessary repairs.

### VEHICLE REPORT:

If you have performed the tests outlined in this document and have not found a leak, please open a Vehicle Report.

