



# Technical Journal

TITLE:

**SPA Hybrid Irregular electrical distance to empty after Software upgrade**

<b>REF NO:</b> TJ 33931.5.0	<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> 2019-01-18	<b>STATUS DATE:</b> 2019-01-23
<b>FUNC GROUP:</b> 3113	<b>FUNC DESC:</b> Battery, high voltage	Page 1 of 2	

“Right first time in Time”

## Attachment

## Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
2XX	BA						2016-2019		-	201526-201839
2XX	BC						2016-2019		-	201526-201839
2XX	BM						2018-2019		-	201717-201839
2XX	BR						2018-2019		-	201717-201839

## CSC Customer Symptom Codes

Code	Description
YN	High voltage battery/Discharged/poor charge
YL	On board charger/No/reduced/incorrect function/With external cable
YM	On board charger/No/reduced/incorrect function/While driving
FB	Text window and warning symbol/Other problems

## VST Operation Number

VST Operation Number	Description
36004-2	Software control module downloading
36001-2	Diagnostic trouble codes read / reset / known Diagnostic trouble codes with VIDA
31116-2	Battery, connection and disconnection



## DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
BECM	P0CA400	Intermittent
BECM	U029A00	Intermittent
BECM	P0DAF00	Intermittent
BECM	P0DB300	Intermittent
BECM	P0DB700	Intermittent
BECM	P0DBB00	Intermittent
BECM	P0DBF00	Intermittent
BECM	P0DC300	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:

\* VST Operation No updated and SP in service added

If the vehicle displays irregular and low electrical range or State of Charge after Software upgrade and, in some rare cases, not possible to charge High Voltage battery, follow advice under “Service”

#### SERVICE:

Disconnect 12 volt battery and wait approx. 20 minutes and connect it again.

If the problem persist then roll back the SW to an earlier status.

If the problem persist then roll back the software to an earlier status using special service software:

XC90/XC60: SP 31483293

\* S90L: SP 31472419

#### 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 3113.