



Technical Journal

TITLE:

SPA Hybrid Irregular electrical distance to empty after Software upgrade

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|--|---|--|-----------------------------------|
| REF NO: TJ 33931.4.0 | ISSUING DEPARTMENT: Technical Service | CAR MARKET: United States and Canada | |
| PARTNER: 3 US 7510 Volvo Car USA | | ISSUE DATE: 2018-12-05 | STATUS DATE: 2019-01-16 |
| FUNC GROUP: 3113 | FUNC DESC: 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 | BC | | | | | | 2016-2019 | | - | 201526-201839 |
| 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 |



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:

* This TJ has been rewritten in its entirety

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 software to an earlier status using special service software:
XC90/XC60: SP 31483293

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.