



Technical Journal

TITLE:
P5(SPA)/P6(CMA) Software Download Guide

REF NO: TJ 31543.4.5	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2018-03-01	STATUS DATE: 2018-03-07
FUNC GROUP: 3018	FUNC DESC: Software	Page 1 of 3	

“Right first time in Time”

Attachment

File Name	File Size
SPA_CMA_SWDL_180302.pdf	0.2861 MB

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
234							2017-2017		-	0-0
235							2017-9999		-	0-0
236							2017-9999		-	0-0
238							2018-9999		-	0-0
246							2018-9999		-	0-0
256							2016-9999		-	0-0
536							2019-9999		-	0-0

CSC Customer Symptom Codes

Code	Description
2V	Technician information/Software/Vehicle communication/Not for warranty use
3L	Technician information/Repair information/Not for warranty use



VST Operation Number

VST Operation Number	Description
36007-2	Applications download
36004-2	Software control module downloading
98646-3	Configuration test acc. to TJ

DTC Diagnostic Trouble Codes

Rows beginning with * are modified

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

Text

DESCRIPTION:

*Type 536 (XC40) added

***Total Upgrade** should be performed if there is a valid customer complaint or if directed to by a Technical Journal or a Quality Bulletin. It is no longer necessary to perform Total Upgrade at every service visit.

The customer complaint should be clearly stated in the repair text. Warranty claims without this description may be rejected.

***Service 2.0 Upgrade** should be performed at a scheduled maintenance service when Total Upgrade is not being used for a repair at the same retailer visit.

PDS Upgrade should be performed at **Retail Car Customer Delivery**.

PDS = Pre Delivery Service

*VIDA = Vehicle Information and Diagnostics for Aftersales

SERVICE:

See attached guide.

When necessary, refer to CPI 19-2016 and SMB 00-424 for warranty claim information when handling repairs which require lengthy diagnostic and/or difficult software downloads.

***IMPORTANT NOTE:** Map and Voice control upgrades are no longer required as part of Total Upgrade or Service 2.0 however it is *recommended* that they be upgraded for maximum customer satisfaction. **Map upgrades can NOT be claimed under warranty.**

Voice control database upgrades can only be claimed if there is a valid customer complaint as per TJ 32185.

VEHICLE REPORT:

n/a

To view TJ attachment continue to next page. This TJ has one attachment.

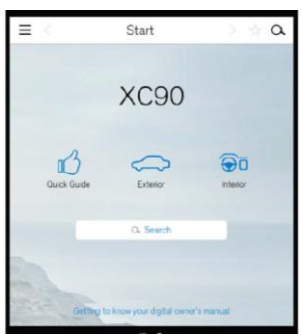
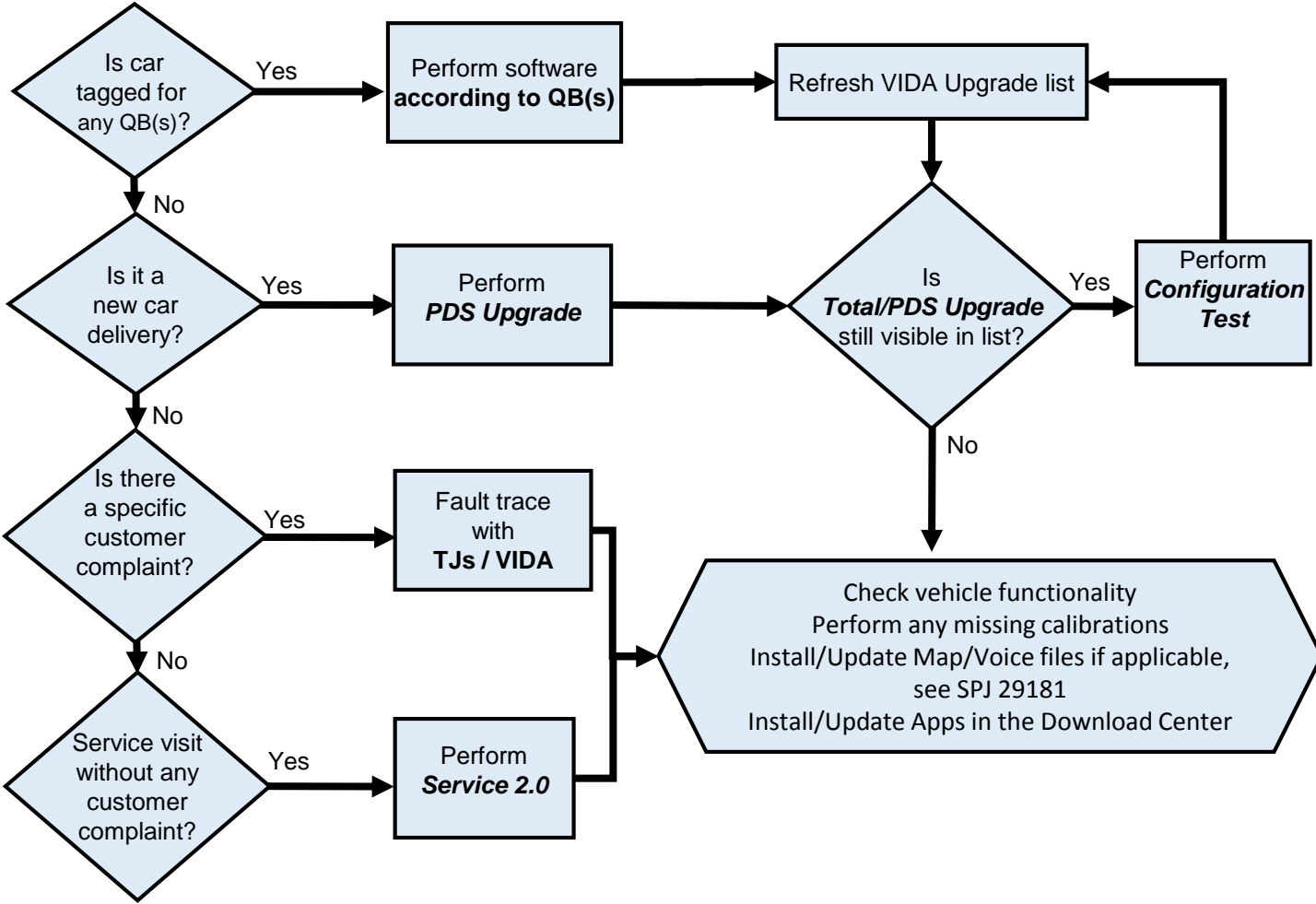


SPA SW Guide
Connect battery charger & voltmeter.

Use VIDA **Service Functions** **12 V power overview** to confirm battery State of Charge is over 70% and positive current is entering the battery.

CEM - Battery State of Charge (SoC)
80 %

CEM - Battery current
14.56 A



Before Courtesy Upgrade

After Courtesy Upgrade

- Courtesy Upgrade C10006, 31483274, then 31483275, see TJ 30991
- QB 39816: 31483300 (XC90), 31682450 (S90/V90/V90CC)
- QB R89702: 31483292 (Panoramic Sun Roof Switch SW)
- QB 39820: 31678916 (T8 ERS)
- QB 39835: 31483292 (XC90), 31654144 (S90/V90/V90CC) (VCM)
- DTC IHU-U130B87 (LIN BUS #19) may be present after an Upgrade and can be ignored.
- Some functions, such as the climate system, may not resume normal operation until the car has been locked for 15 minutes.