

**Volvo Car USA LLC****Technical Journal**

Technical Journal Title		Ref. No.	
P5(SPA)/P6(CMA) Software Download Guide		TJ 31543.9.4	
Issuer (Dept.)		Issue Date	Status Date
Technical Service		11/30/23	11/30/23
Car Market	Partner	Function Group	
United States and Canada	3 US 7510 Volvo Car USA	3018	
Function Description		Page	
Software		Page 1 of 3	

Attachment

File Name	File Size
SPA_CMA_SWDL_180514.pdf	0.2862 MB

Rows beginning with * are modified

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

DESCRIPTION:

PDS = Pre Delivery Service

VIDA = Vehicle Information and Diagnostics for Aftersales

* Service 2.0 information has been updated

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.**

CSC Customer Symptom Codes

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

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
2XX							2016-9999		-	201505-999952
5XX							2019-9999		-	201746-999952

SERVICE:

See attached guide.

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 33211.

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 3018. If software download fails, assure that the log-file from VIDA is included in the report, and also that you describe which step that failed.

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

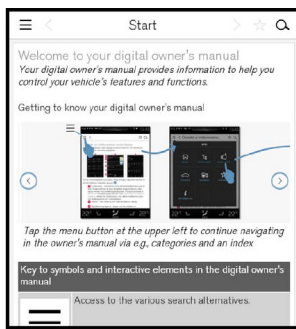
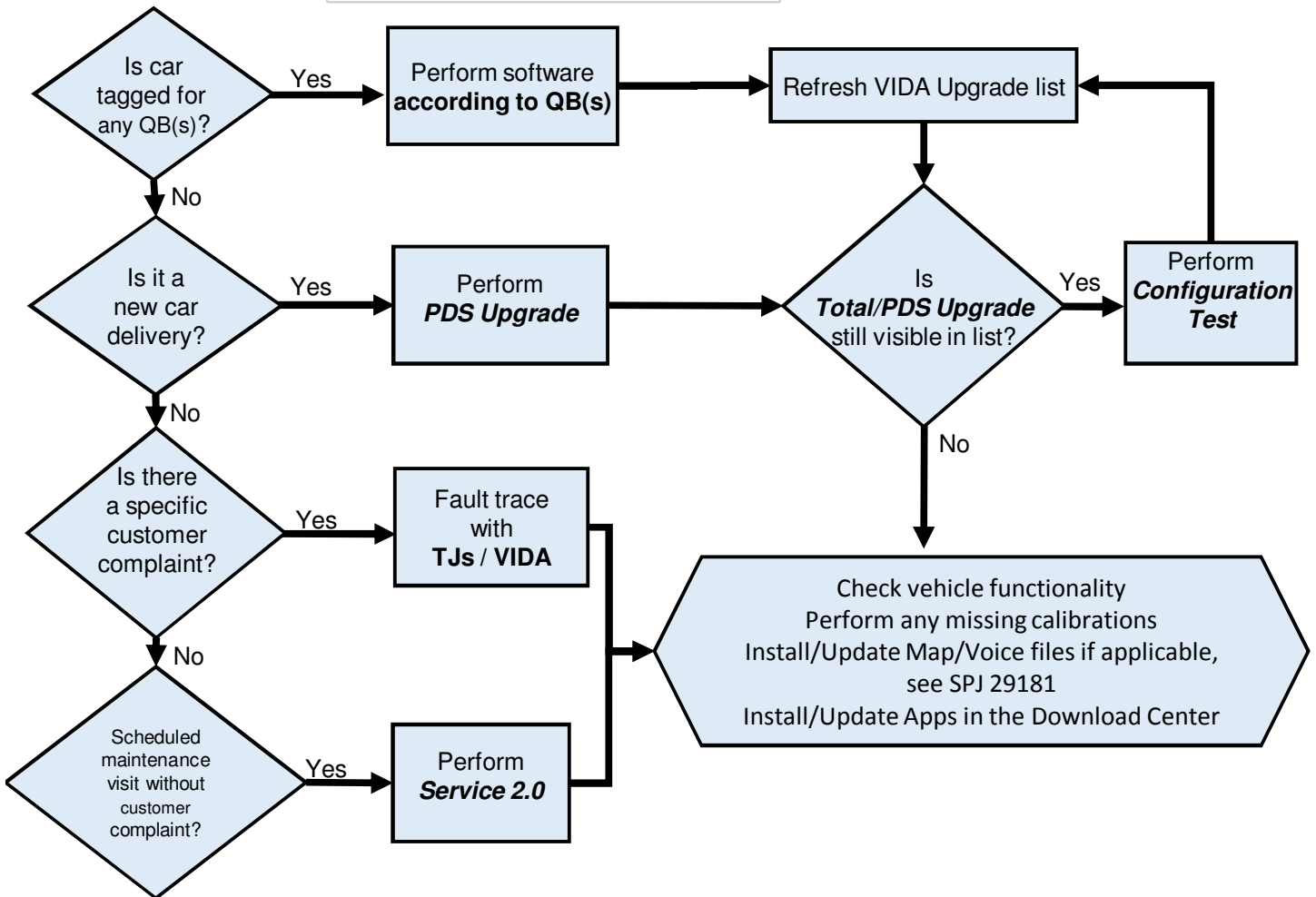


SPA/CMA SW Guide
Connect battery charger & voltmeter.

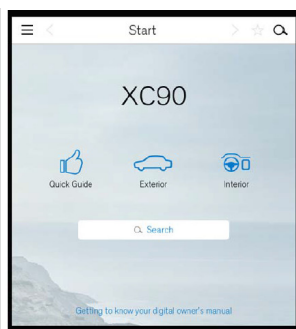
Use VIDA **Service Functions** **12 V power overview** to confirm battery State of Charge is over 70% and positive current is entering the battery.

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.

TJ 31543