



Technical Journal

TITLE:
Software Download Guide

REF NO: TJ 20278.6.11	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2016-08-31	STATUS DATE: 2016-09-06
FUNC GROUP: 1700	FUNC DESC: Service and maintenance	Page 1 of 17	

“Right first time in Time”

Attachment

File Name	File Size
P1_Customer_Settings.pdf	0.0143 MB
P2_Customer_Settings.pdf	0.0101 MB
P3_Non_Sensus_Customer_Settings.pdf	0.0178 MB
P3_Sensus_Customer_Settings.pdf	0.0173 MB
P5_SPA_Customer_Settings.pdf	0.0163 MB
P5_SPA_SW_Guide.pdf	0.3945 MB

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
124							2013-9999		-	0-0
134							2013-9999		-	0-0
136							2013-9999		-	0-0
137							2016-9999		-	0-0
138							2016-9999		-	0-0
155							2013-9999		-	0-0
156							2013-9999		-	0-0
157							2015-9999		-	0-0
234							2017-9999		-	0-0
256							2016-9999		-	0-0
275							2013-9999		-	0-0
533							2013-9999		-	0-0
542							2013-9999		-	0-0



CSC Customer Symptom Codes

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

VST Operation Number

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:

This Journal is a guide for performing Software Downloads.

SERVICE:

See attached guide for relevant P5/SPA Software Download information. [P5 SPA SW Guide.pdf](#)

See VIDA Software tab for all other vehicles.

The attached checklists can be used for restoring customer settings, where applicable.

VEHICLE REPORT:

N/A

To view TJ attachment continue to next page. This TJ has 6 attachments.

<p>CD Menu</p>	<p>1 Random <input type="checkbox"/> 2 Disc text <input type="checkbox"/> 3 Audio settings ▶</p>	<p>1 Equalizer front 2 Equalizer rear 3 Auto volume control ▶ 4 Reset all</p>	<p>60 200 1K 3K 12K 61 200 1K 3K 12K 1 Low <input type="checkbox"/> 2 Medium <input type="checkbox"/> 3 High <input type="checkbox"/></p>
<p>AUX Menu</p>	<p>1 Aux input volume ▶ 2 Audio settings ▶</p>	<p>Volume bar... 1 Equalizer front 2 Equalizer rear 3 Auto volume control ▶ 4 Reset all</p>	<p>60 200 1K 3K 12K 61 200 1K 3K 12K 1 Low <input type="checkbox"/> 2 Medium <input type="checkbox"/> 3 High <input type="checkbox"/></p>
<p>USB Menu</p>	<p>1 Playlist ▶ 2 Random ▶ 3 Track Information ▶ 2 Audio settings ▶</p>	<p>1 Off <input type="checkbox"/> 2 Folder <input type="checkbox"/> 3 All <input type="checkbox"/> 1 Equalizer front 2 Equalizer rear 3 Auto volume control ▶ 4 Reset all</p>	<p>60 200 1K 3K 12K 61 200 1K 3K 12K 1 Low <input type="checkbox"/> 2 Medium <input type="checkbox"/> 3 High <input type="checkbox"/></p>
<p>SIRIUS Menu</p>	<p>1 Add song to memory 2 Direct channel 3 Select Category 4 Sirius Radio Text ▶ 5 Song seek <input type="checkbox"/> 6 Advanced Sirius settings 7 Audio settings</p>	<p>1 Program title <input type="checkbox"/> 2 Artist <input type="checkbox"/> 3 Composer <input type="checkbox"/> 4 Off <input type="checkbox"/> 1 Song memory 2 Skip Options 3 Lock Options 4 Sirius ID 1 Equalizer front 2 Equalizer rear 3 Auto volume control ▶ 4 Reset all</p>	<p>60 200 1K 3K 12K 61 200 1K 3K 12K 1 Low <input type="checkbox"/> 2 Medium <input type="checkbox"/> 3 High <input type="checkbox"/></p>
<p>Clock Adjust</p>	<p>Settings clock menu</p>		
<p>Climate settings</p>	<p>1 Auto fan adjust ▶ 2 Recirculation timer <input type="checkbox"/> 3 Reset all</p>	<p>1 Low <input type="checkbox"/> 2 Normal <input type="checkbox"/> 3 High <input type="checkbox"/> <input type="checkbox"/></p>	

Car settings	1 Light Settings ▶	1 Lock confirm light <input type="checkbox"/>	
		2 Unlock confirm light <input type="checkbox"/>	
		3 Approach light duration ▶	30 <input type="checkbox"/> 60 <input type="checkbox"/> 90 <input type="checkbox"/>
		4 Home Safe light duration ▶	30 <input type="checkbox"/> 60 <input type="checkbox"/> 90 <input type="checkbox"/>
	2 Lock Settings ▶	1 Doors auto lock <input type="checkbox"/>	
		2 Doors unlock ▶	1 All doors <input type="checkbox"/> 2 Driver door, then all <input type="checkbox"/>
		Keyless entry ▶	1 All doors <input type="checkbox"/> 2 Doors on same side <input type="checkbox"/> 3 Both front doors <input type="checkbox"/> 4 Either front door <input type="checkbox"/>
	3 Auto open all windows <input type="checkbox"/>		
	Mirror fold on locking <input type="checkbox"/> (BLIS only)		

Example of P1 block offsets

The following settings are accomplished with VIDA/Vehicle communication/Node XXX/advanced

CEM	Value
Programming of global opening of windows (market dependent)	
Programming of rear window wiper when reversing	
Setting clock deviation	
DIM	
Unit for temperature	
Trip computer unit	
12 or 24 hour display on the clock	
Parking brake warning On/Off	
Audible acknowledgement signal, seat belt reminder On/Off.	
Programming seatbelt reminder in backseat	
Programming of triggering conditions for audible signal, seatbelt reminder	
Instrument lighting at unlocking Activated/Not activated	
CCM	
Programming the seat temperature	
PSL	
Seat memory on/off	

P2 - S80 (1999 - 2006), S60 (2001 - 2009) V70, XC70 (2001 - 2007)

AM Preset stations

Record customer AM radio station presets

AM 1 Presets

1	
2	
3	
4	
5	
6	
7	
8	
9	
0	

FM Preset stations

Record customer FM radio station presets

FM 1 Presets

1	
2	
3	
4	
5	
6	
7	
8	
9	
0	

FM 2 Presets

1	
2	
3	
4	
5	
6	
7	
8	
9	
0	

P2 block offsets

The following settings are accomplished with VIDA/Vehicle communication/Node XXX/advanced

CEM	Value
1. Home safe light	
2. Daytime running lamps	
3. Tailgate wiper (5 door models)	
4. Time delay, locking the fuel tank filler cover	
5. Warning for low beam position (Bi-Xenon).	
6. Programming of 3 flash sequence	
UEM	
1. Length of time for courtesy lighting	
2. Amount of dimmer for inner rear-view mirror.	
DDM	
Programming the remote control setting (seat memory off/on)	
CCM	
Afterblow	
Floor and defroster air distribution, residual heat.	
Setting seat heater temp.	
PSM	
seat and mirror memory off/on	

P3 - S80 (2007 -) ~ V70, XC70 (2008 -) ~ XC60 (- 2010 wk46)

Main Menu:

<p>In FM mode</p> <p>1 HD radio <input type="checkbox"/></p> <p>2 FM settings</p> <p>3 Audio settings ▶</p> <p>4 Car key memory ▶</p> <p>5 Car settings ▶</p> <p>6 Climate settings ▶</p>	<p>In Sirius Mode</p> <p>1 Add song to memory</p> <p>2 Direct channel entry</p> <p>3 Select category ▶</p> <p>4 SIRIUS radio text ▶</p> <p>5 Song seek <input type="checkbox"/></p> <p>6 Sirius settings ▶</p> <p>7 Audio settings ▶</p> <p>8 Car key memory ▶</p> <p>9 Car settings ▶</p> <p>10 Climate settings ▶</p>	<p>In AUX mode</p> <p>1 AUX input volume</p> <p>2 Audio settings ▶</p> <p>3 Car key memory ▶</p> <p>4 Car settings ▶</p> <p>5 Climate settings ▶</p>	<p>In USB mode</p> <p>1 Random ▶</p> <p>2 USB settings ▶</p> <p>3 Audio settings ▶</p> <p>4 Car key memory ▶</p> <p>5 Car settings ▶</p> <p>6 Climate settings ▶</p>
<p>In AM mode</p> <p>1 HD radio <input type="checkbox"/></p> <p>2 Audio settings ▶</p> <p>4 Car key memory ▶</p> <p>4 Car settings ▶</p> <p>5 Climate settings ▶</p>		<p>In CD mode</p> <p>1 Random <input type="checkbox"/></p> <p>2 CD settings ▶</p> <p>3 Audio settings ▶</p> <p>4 Car key memory ▶</p> <p>5 Car settings ▶</p> <p>6 Climate settings ▶</p>	

IMPORTANT NOTE: Not all vehicles will have all of these features as some are optional!!

An "X" in a box indicates "on/selected" a "blank" box indicate "off/not selected"

AM Preset stations	Record customer AM radio station presets AM 1 Presets	
	1 2 3 4 5 6 7 8 9 0	
FM Preset stations	Record customer FM radio station presets FM 1 Presets	FM 2 Presets
	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0
FM settings ▶	Radio text <input type="checkbox"/>	
Audio settings ▶	Sound stage ▶ Equalizer front Equalizer rear Auto volume control ▶ Reset all audio settings	Front seat <input type="checkbox"/> Drivers seat <input type="checkbox"/> Rear seat <input type="checkbox"/> 61 200 1K 3K 12K 60 200 1K 3K 12K Off <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>

Car settings ▶	Door mirror settings ▶	Fold mirror when locking <input type="checkbox"/>	
		Auto tilt left mirror <input type="checkbox"/>	
		Auto tilt right mirror <input type="checkbox"/>	
	Driver Alert On <input type="checkbox"/>		
	Collision Warning Settings ▶	Collision Warning On <input type="checkbox"/>	
		Warning Sound <input type="checkbox"/>	
		Warning Distance ▶	Long <input type="checkbox"/>
			Normal <input type="checkbox"/>
			Short <input type="checkbox"/>
	Light settings ▶	Lock confirmation light <input type="checkbox"/>	
		Unlock confirmation light <input type="checkbox"/>	
		Turn signal 3-flash <input type="checkbox"/>	
		Daytime running light <input type="checkbox"/>	
		Approach light duration ▶	Off <input type="checkbox"/>
			30 sec <input type="checkbox"/>
			60 sec <input type="checkbox"/>
			90 sec <input type="checkbox"/>
		Active bending light <input type="checkbox"/>	
		Home safe light duration ▶	30 sec <input type="checkbox"/>
			60 sec <input type="checkbox"/>
			90 sec <input type="checkbox"/>
Lock settings ▶	Doors automatic lock <input type="checkbox"/>		
	Doors unlock ▶	All doors <input type="checkbox"/>	
		Drivers door, then all <input type="checkbox"/>	
	Keyless entry	All doors unlock <input type="checkbox"/>	
		Door by door <input type="checkbox"/>	
		Doors on same side <input type="checkbox"/>	
		Both front doors <input type="checkbox"/>	
Lane Departure Warning ▶	On @ Start Up <input type="checkbox"/>		
	Increased sensitivity <input type="checkbox"/>		
Steering force level ▶	Low <input type="checkbox"/>		
	Medium <input type="checkbox"/>		
	High <input type="checkbox"/>		
Parking Camera Settings ▶	Parking assist lines <input type="checkbox"/>		
	Distance Bars <input type="checkbox"/>		
	System Activation ▶	Automatic <input type="checkbox"/>	
		Always On <input type="checkbox"/>	
		Off <input type="checkbox"/>	
5 Unit settings ▶	Temperature unit ▶	<input type="checkbox"/>	
		<input type="checkbox"/>	
	Time format ▶	12 hours <input type="checkbox"/>	
		24 hours <input type="checkbox"/>	
	Trip car unit ▶	US std (US default) <input type="checkbox"/>	
		UK std <input type="checkbox"/>	
		Metric system km/l <input type="checkbox"/>	
		Metric system 1/100 km <input type="checkbox"/>	
		(Canada default 1/100km)	
	Reset all units		

Climate settings ▶	Auto fan adjust ▶	Low <input type="checkbox"/>
		Normal <input type="checkbox"/>
		High <input type="checkbox"/>
	Recirculation time <input type="checkbox"/>	
	Auto rear defroster <input type="checkbox"/>	
	Seat heat time out <input type="checkbox"/>	
Sirius radio text ▶	Seat heat off @ start <input type="checkbox"/>	
	Reset climate settings	
	Program title <input type="checkbox"/>	
	Artist <input type="checkbox"/>	
	Composer <input type="checkbox"/>	
Sirius settings ▶	Off <input type="checkbox"/>	
	Song memory ▶	
	Skip options ▶	
	Lock option ▶	
CD settings ▶	Sirius ID	
	Track information <input type="checkbox"/>	

Example of P3 (non-Sensus) block offsets

The following settings are accomplished with VIDA/Vehicle communication/Node XXX/advanced

"block offsets"	Value (on/off)
Climate Control	
Seat heating.	
Seat ventilation.	
Time setting seat heating	

P3 - Sensus Vehicles S60, XC60 (2010wk46 -)

"My Car" Menu:

My S60

1 DSTC

2 City Safety

3 Driver Alert

4 Collision Warning

5 Active Bending Lights

IMPORTANT NOTE: Not all vehicles will have all of these features as some are optional!!

An "X" in a box indicates "on/selected" a "blank" box indicate "off/not selected"

Settings ▶	Car settings ▶	Car Key Memory <input type="checkbox"/>	
	Lock Settings ▶	Auto Door Locking Doors Unlock ▶ <input type="checkbox"/>	All <input type="checkbox"/> Driver Door then All <input type="checkbox"/>
		Keyless ▶	All Doors Unlock <input type="checkbox"/> Any Door <input type="checkbox"/> Doors on Same Side <input type="checkbox"/> Both Front Doors <input type="checkbox"/>
	Side Mirror Settings ▶	Fold Mirrors (at Lock) <input type="checkbox"/> Tilt Left Mirror (Reverse) <input type="checkbox"/> Tilt Right Mirror (Reverse) <input type="checkbox"/>	
	Light Settings ▶	Door lock Confirm Light <input type="checkbox"/> Door Unlock Confirm Light <input type="checkbox"/> Approach Light Duration Homesafe Light Duration Trip Indicator <input type="checkbox"/> Daytime Running Lights <input type="checkbox"/> Active Bending lights <input type="checkbox"/>	off <input type="checkbox"/> 30 Sec <input type="checkbox"/> 60 Sec <input type="checkbox"/> 90 Sec <input type="checkbox"/> off <input type="checkbox"/> 30 Sec <input type="checkbox"/> 60 Sec <input type="checkbox"/> 90 Sec <input type="checkbox"/>
	Steering Wheel Force ▶	Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	

FM Preset stations	<i>Record customer FM radio station presets</i>		
		FM 1 Presets	FM 2 Presets
	1		1
	2		2
	3		3
	4		4
	5		5
	6		6
	7		7
	8		8
9		9	
0		0	

	Sound stage ▶ Equalizer front Equalizer rear Volume Compensation ▶	Front seat <input type="checkbox"/> Drivers seat <input type="checkbox"/> Rear seat <input type="checkbox"/> 61 200 1K 3K 12K 60 200 1K 3K 12K Off <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/>	
--	---	--	--

Climate Settings ▶	Automatic Blower Adjustment Recirculation Timer <input type="checkbox"/> Automatic Rear Defrost <input type="checkbox"/> Interior Air Quality System <input type="checkbox"/>	Normal <input type="checkbox"/> High <input type="checkbox"/> Low <input type="checkbox"/>	
---------------------------	--	--	--

Favorites ▶	Radio ▶	AM Favorites ▶	No Function <input type="checkbox"/> Scan <input type="checkbox"/> Show Presets <input type="checkbox"/> Equalizer <input type="checkbox"/>
		FM Favorites ▶	No Function <input type="checkbox"/> Scan <input type="checkbox"/> Show Presets <input type="checkbox"/> Equalizer <input type="checkbox"/>
		Sirius Favorites ▶	No Function <input type="checkbox"/> Scan <input type="checkbox"/> Show <input type="checkbox"/> Add Songs <input type="checkbox"/> Song Seek <input type="checkbox"/> Equalizer <input type="checkbox"/>

	<p>Media ▶</p>	<p>Audio CD Favorites ▶</p> <p>Data CD/DVD Favorites ▶</p> <p>Video DVD Favorites ▶</p> <p>iPod Favorites ▶</p> <p>USB Favorites ▶</p> <p>Bluetooth Favorites ▶</p> <p>Aux Favorites ▶</p>	<p>No Function <input type="checkbox"/></p> <p>Random <input type="checkbox"/></p> <p>Scan <input type="checkbox"/></p> <p>Equalizer <input type="checkbox"/></p> <p>No Function <input type="checkbox"/></p> <p>Random <input type="checkbox"/></p> <p>Repeat Folder <input type="checkbox"/></p> <p>Change Subtitle <input type="checkbox"/></p> <p>Change Audio Track <input type="checkbox"/></p> <p>Scan <input type="checkbox"/></p> <p>Equalizer <input type="checkbox"/></p> <p>No Function <input type="checkbox"/></p> <p>Play/Pause/Continue <input type="checkbox"/></p> <p>Subtitles <input type="checkbox"/></p> <p>Audio Tracks <input type="checkbox"/></p> <p>Equalizer <input type="checkbox"/></p> <p>No Function <input type="checkbox"/></p> <p>Random <input type="checkbox"/></p> <p>Scan <input type="checkbox"/></p> <p>Equalizer <input type="checkbox"/></p> <p>No Function <input type="checkbox"/></p> <p>Random <input type="checkbox"/></p> <p>Repeat Folder <input type="checkbox"/></p> <p>Change Subtitle <input type="checkbox"/></p> <p>Change Audio Track <input type="checkbox"/></p> <p>Scan <input type="checkbox"/></p> <p>Equalizer <input type="checkbox"/></p> <p>No Function <input type="checkbox"/></p> <p>Random <input type="checkbox"/></p> <p>Scan <input type="checkbox"/></p> <p>Equalizer <input type="checkbox"/></p> <p>No Function <input type="checkbox"/></p> <p>Equalizer <input type="checkbox"/></p>
	<p>Nav ▶</p>	<p>No Function <input type="checkbox"/></p> <p>Repeat Voice Guidance <input type="checkbox"/></p> <p>Pause/Resume Guidance <input type="checkbox"/></p> <p>Next Destination <input type="checkbox"/></p> <p>Current Position <input type="checkbox"/></p>	

XC90

Main Menu:

In FM mode

1 Radio text

2 HD radio

3 Audio settings ▶

In AM mode

1 HD radio

2 Audio settings ▶

In Sirius Mode

1 Add song

2 Direct ch entry

3 Radio text ▶

5 Song seek

6 Adv. settings

7 Audio settings ▶

In AUX mode

1 AUX input volume ▶

2 Audio settings ▶

In USB mode

1 Playlist ▶

2 Random ▶

3 Track info ▶

4 Audio Settings ▶

IMPORTANT NOTE: Not all vehicles will have all of these features as some are optional!!

An "X" in a box indicates "on/selected" a "blank" box indicate "off/not selected"

<p>AM Menu</p>	<p>1 Audio Settings ▶</p>	<p>1 Equalizer front</p> <p>2 Equalizer rear</p> <p>3 Auto volume control ▶</p> <p>4 Reset all</p>	<p>60 200 1K 3K 12K</p> <p>61 200 1K 3K 12K</p> <p>1 Low <input type="checkbox"/></p> <p>2 Medium <input type="checkbox"/></p> <p>3 High <input type="checkbox"/></p>
<p>AM Preset stations</p>	<p>Record customer AM radio station presets</p> <p>AM 1 Presets</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>0</p>		
<p>FM menu</p>	<p>1 Radio text <input type="checkbox"/></p> <p>2 Audio settings ▶</p>	<p>1 Equalizer front</p> <p>2 Equalizer rear</p> <p>3 Auto volume control ▶</p> <p>4 Reset all</p>	<p>60 200 1K 3K 12K</p> <p>61 200 1K 3K 12K</p> <p>1 Low <input type="checkbox"/></p> <p>2 Medium <input type="checkbox"/></p> <p>3 High <input type="checkbox"/></p>
<p>FM Preset stations</p>	<p>Record customer FM radio station presets</p> <p>FM 1 Presets</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>0</p>		<p>FM 2 Presets</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>0</p>

CD settings ▶

1 Random

2 Disc text

3 Audio settings ▶

1. CD Surround

▶ 1 Pro Logic II

2 3-channel

3 Off

2. Front Equalizer

▶ 60 200 1K 3K 12K

3 Rear Equalizer

▶ 60 200 1K 3K 12K

4 Reset all

Sirius settings ▶

1 Add song

2 Direct ch entry

3 Radio text ▶

1 Program title

2 Artist

3 Composer

4 Off

4 Song seek

5 Adv. Settings

1 Song memory

▶ (lists past songs played)

2 Skip options

▶ 1 Ch skip list

2 Unskip all ch

3 Temp unskip all

3 Lock options

▶ 1 Ch lock list

2 Unlock all

3 Temp unlock all

4 Change code

4 Sirius ID

▶ (reads your ID)

6 Audio settings ▶

1 Sirius surround

1 Pro Logic II

2 3-channel

3 Off

2 Front Equalizer

▶ 60 200 1K 3K 12K

3 Rear Equalizer

▶ 60 200 1K 3K 12K

4 Reset all

AUX settings ▶

1 AUX input volume

(sliding scale from mid with adjust to high or low)

2 Audio settings ▶

1 AUX Surround

▶ 1 Dolby ProLogic II

2 3 channel

3 Off

2 Front Equalizer

▶ 60 200 1K 3K 12K

3 Rear Equalizer

▶ 60 200 1K 3K 12K

4 Reset all

USB Settings ▶

1 Playlist ▶

2 Random ▶

1 Off

2 Folder

3 All

3 Track info

4 Audio settings ▶

1 USB Surround

▶ 1 Dolby ProLogic II

2 3 channel

3 Off

2 Front Equalizer

▶ 60 200 1K 3K 12K

3 Rear Equalizer

▶ 60 200 1K 3K 12K

4 Reset all

Automatic Locking

Follow me home light ▶

(changed by customer using "READ" button)
(changed by retailer with software)

30 seconds

60 seconds

90 seconds

XC90 block offsets

The following settings are accomplished with VIDA/Vehicle communication/Node XXX/advanced

CEM	Value
1. Home safe light	
2. Daytime running lamps	
3. Tailgate wiper (5 door models)	
4. Time delay, locking the fuel tank filler cover	
5. Warning for low beam position (Bi-Xenon).	
6. Programming of 3 flash sequence	
UEM	
1. Length of time for courtesy lighting	
2. Amount of dimmer for inner rear-view mirror.	
DDM	
Programming the remote control setting (seat memory off/on)	
CCM	
Afterblow	
Floor and defroster air distribution, residual heat.	
Setting seat heater temp.	
PSM	
seat and mirror memory off/on	



P5 / SPA Software Download Guide



Connect a battery charger/maintainer.

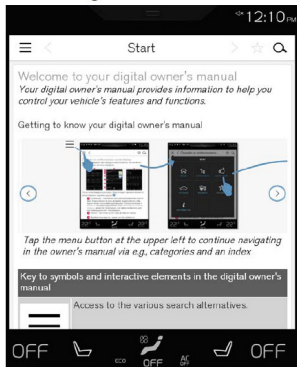
Check that the battery State Of Charge (SoC) is at least 70%.

VIDA can not monitor the battery voltage during a download because the control units are in programming mode.

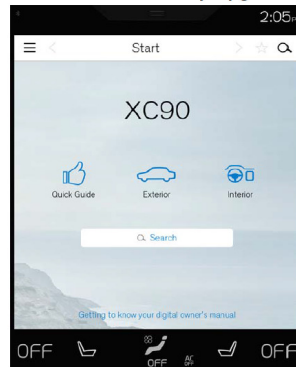
Monitor the battery voltage with a volt meter during the download.

Car	Software Product Name	Software Product Number	Description
XC90	Courtesy Upgrade 1	31483274	For XC90 prior to structure week 2015w46. Must be performed according to TJ 30991 before downloading any other software including PDS. This only needs to be performed once. Check the Digital Owners Manual to see if it has already been performed (picture below). Courtesy Upgrade Step 2 software is no longer necessary, as it has the same content as the Total Upgrade.
	PDS	31438126	Identical Content
	Total Upgrade	31483292	
	Service 2.0	31438124	
	Slam Lock removal	31472233	XC90 vehicles built before structure week 201536 have a function called 'Slam Lock' which allows the driver to lock the vehicle by opening the driver's door, pressing the lock button on the interior door panel, then closing the door. This function may be useful in some situations, for example, when the driver is leaving the vehicle with their hands full and wishes to close and lock the vehicle with their foot. The function however allows the possibility to accidentally lock the key(s) in the vehicle. When the Slam Lock function is removed using the software below, pressing the lock button with the door open will not lock the vehicle.
S90	PDS	31654152	Identical Content
	Total Upgrade	31654144	
	Service 2.0	31654143	

Digital Owner's Manual before & after Courtesy Upgrade



Before



After

After diagnosing any customer symptoms and checking for matching Technical Journals, ensure that all systems in the car have latest Software status.

1. Perform PDS, Total Upgrade or Service 2.0.
2. Perform any remaining Upgrades visible in VIDA Upgrade list.
3. Check vehicle functionality, perform any missing Calibrations (Sunroof, ASDM, SUM,)
4. Install or Update Map & Voice files according to SPJ 29181 if applicable.
5. Install and/or Update Apps in the Download Center.

Note 1: These DTCs may be present after the Upgrade and can be ignored:

- IHU-U130B87 (LIN BUS #19)
- CEM-U133346, FMDM

Note 2: Some vehicle functions, such as the climate system, may not resume normal operation until the car has been locked for 15 minutes.

