SWEDESOLUTIONS.COM
EVERYTHING FOR YOUR SWEDE

QUICK REFERENCE/START GUIDE

WHAT IS THE *CFE-PLUS/ULTRA*

The CFE-Plus/ULTRA is the enhanced version of the CFE (Canbus Function Extender). It literally adds functions to your Volvo without making permanent changes ! So no dealership/service worries, CFE out = car original!
Choose the CFE-Plus in case you want even more functions available than with the CFE added to your Volvo.

KNOWLEDGE/TOOLS AND EXTRA'S REQUIRED

For the use of the CFE-Plus nothing more is required than a Volvo matching the product selection in our website and a PC at home to make nice selections and tweaks to the configuration so it fits your personal needs and requirements!

Download, install and run the UPDATER-TOOL, connect the CFE-Plus to the (in the set supplied) configuration cable and connect it to a free USB port on your Windows PC, that's it!

FUNCTIONS AVAILABLE IN THE *CFE-PLUS*

Please download, install and run the updater-tool on your Windows PC as described above.
Press the button "DL Latest" (it downloads the latest available firmware for the CFE-Plus).
Then enter "settings".
Enter the VIN (=Chassis number) of your car here to see which functions the CFE-Plus has available for the Volvo type and model year matching the VIN you've entered. Read the help texts to get understanding on how functions work. Alternatively you can download a BETA version from the updater.

COMPATIBILITY

The CFE-Plus is compatible with all Volvo's where the CFE-Plus is listed at the "Function Extenders" sub-menu on the left side at our website.
Please see the overview later in this document for further compatibility information.

Instruction# 1697	Version# 0.6	Part# ntbp	EAN#	Author: KW

SWEDESOLUTIONS.COM

EVERYTHING FOR YOUR SWEDE

SUPPLIED IN SET

The following products are supplied in the CFE-Plus set:

CFE-Plus **CPU** **(OBD Male Dongle)**	*CFE-Plus* *Configuration cable* **(OBD Female / USB)**	**CFE-Plus** **Micro-Usb cable**

The following products are supplied in the CFE-Ultra set:

CFE-Ultra **CPU** **(OBD Male Dongle)**		**CFE-Plus** **Micro-Usb or USB-C cable**

TECHNICAL DATA

Power source : 13.4V (9V-18V allowable), Negative GND, Current consumption active : ~300mA, Current consumption "sleep" (ignition off) ~2mA, Dimensions (WxHxD cm) 5x3x2, Weight CPU (gram) 150. Requires Windows PC (Windows 7,8 or 10) for configuration changes. CFE connects to both Low-speed canbus and High-speed canbus.

WARRANTY

The CFE comes with a full year of warranty on the hardware (CPU). Since the functions will extend periodically, new functions will become available, presented in new firmware. These updates might contain bugs (software bugs). A full warranty description is available (and presented to you for approval) online, when finishing a sales transaction with us.

FUNCTION OVERVIEW

Please see current functionality availability here:

https://www.swedesolutions.com/cfe-capabilities/

© 2020 SwedeSolutions the Netherlands - info@swedesolutions.com - www.swedesolutions.com

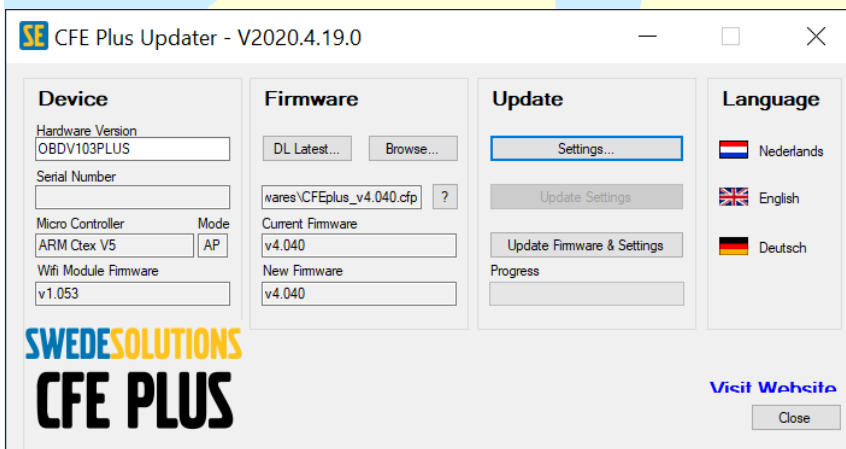| Instruction# 1697	Version# 1.07	Part# -	EAN# SE-10 & SE-11	Author: KW

QUICK START

When receiving the CFE you should first program it to suit your car.

This can only be done on a Windows PC!
First download the software from here.

Double click on setup.exe

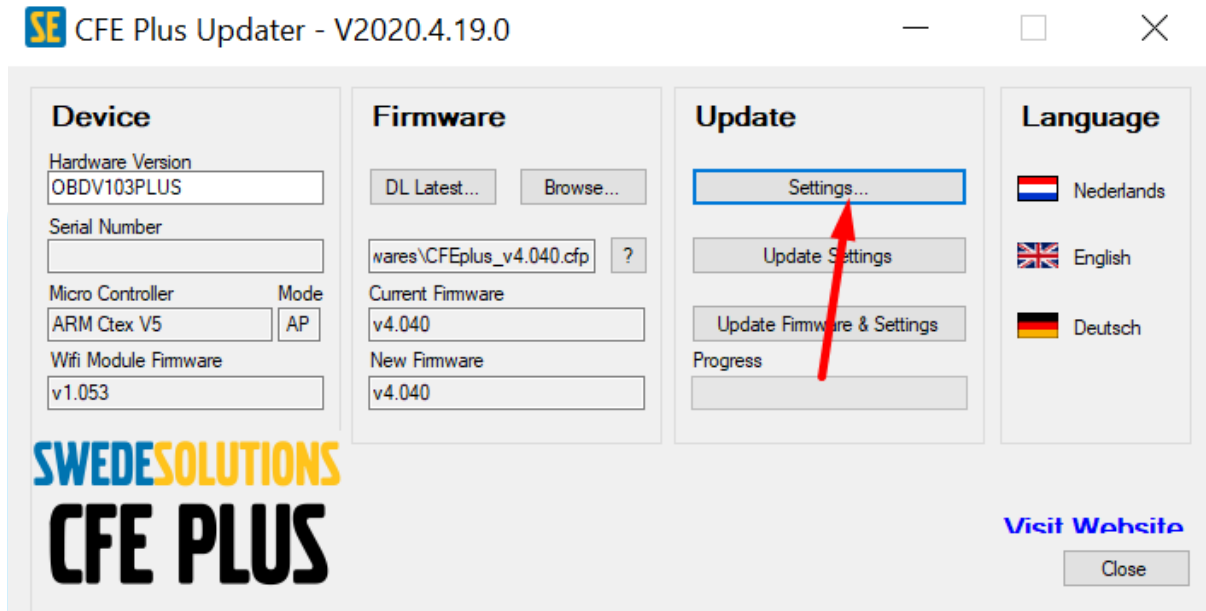After that the application should be available.

Connect the CFE using the supplied CFE-Plus Configuration Cable and USB Cable to the computer. (With the CFE Ultra connect the USB cable directly to the CFE.)
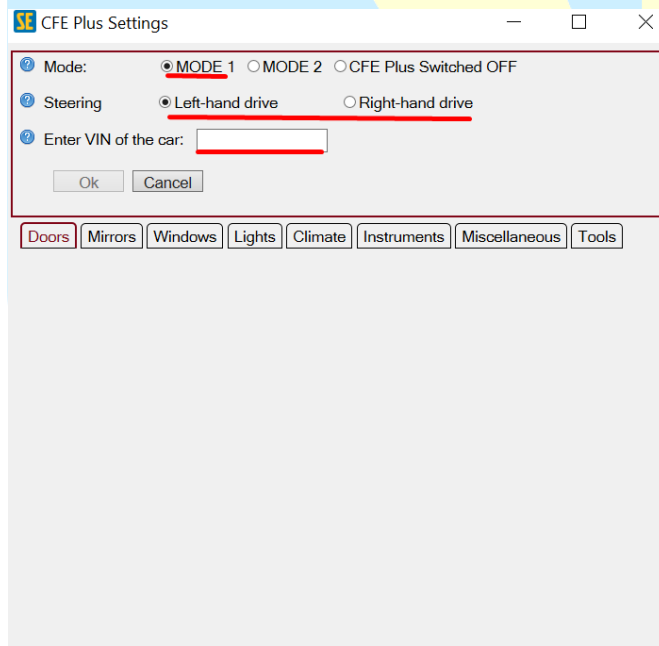
Instruction# 1697	Version# 1.07	Part# -	EAN# SE-10 & SE-11	Author: KW

SWEDESOLUTIONS.COM
EVERYTHING FOR YOUR SWEDE

After you've connected the CFE select the Settings button.

Now fill in your VIN number, select the active mode and select the steering setting.

The modes are for different settings sets. These modes can switch within the car. So, no need to reprogram it. Previously it was called Summer and Winter mode. For example, disable automatic close of side mirrors during the winter.

© 2020 SwedeSolutions the Netherlands - info@swedesolutions.com - www.swedesolutions.com

| Instruction# 1697 | Version# 1.07 | Part# - | EAN# SE-10 & SE-11 | Author: KW |

SWEDESOLUTIONS.COM
EVERYTHING FOR YOUR SWEDE

Now you can go all the tabs to configure the settings of the CFE for this specific car.

Note: Always check a mode at every option! If you forget this the function will not work.

SWEDESOLUTIONS.COM
EVERYTHING FOR YOUR SWEDE

CFE INITIALIZING IN THE CAR

When you first plug-in your CFE the CFE needs to be initialized. The CFE is checking if there is some communication with the selected VIN number in the updater.

It checks al the CAN modules.

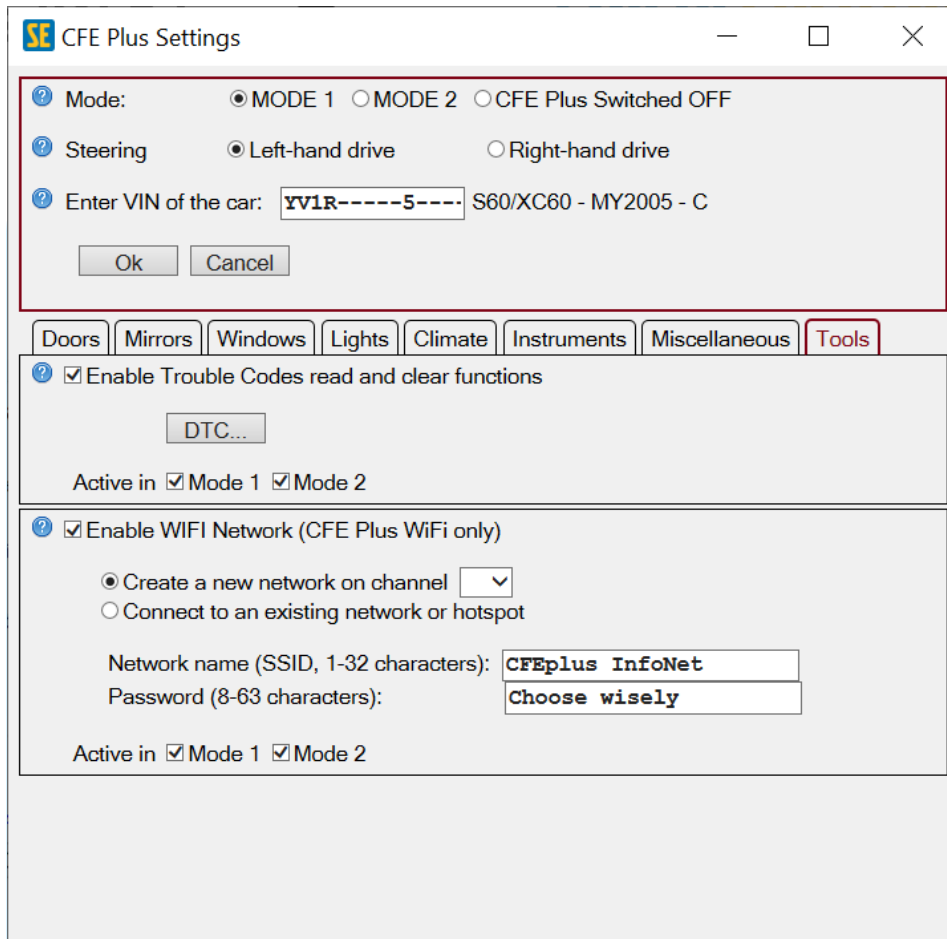You can see the high-beam blinking for a couple of times.

After it stops blinking the initialization is completed and you can start using the CFE.

Instruction# 1697	Version# 1.07	Part# -	EAN# SE-10 & SE-11	Author: KW

SWEDESOLUTIONS.COM
EVERYTHING FOR YOUR SWEDE

WIFI SETTINGS CFE PLUS WIFI AND ULTRA

You can configure the WiFi in the last Tools tab.

CFE Plus Settings — □ ✕

- Mode: ⦿ MODE 1 ○ MODE 2 ○ CFE Plus Switched OFF
- Steering: ⦿ Left-hand drive ○ Right-hand drive
- Enter VIN of the car: `YV1R-----5----` S60/XC60 - MY2005 - C

[Ok] [Cancel]

| Doors | Mirrors | Windows | Lights | Climate | Instruments | Miscellaneous | **Tools** |

☑ Enable Trouble Codes read and clear functions

[DTC...]

Active in ☑ Mode 1 ☑ Mode 2

☑ Enable WIFI Network (CFE Plus WiFi only)

- ⦿ Create a new network on channel [⌄]
- ○ Connect to an existing network or hotspot

Network name (SSID, 1-32 characters): `CFEplus InfoNet`
Password (8-63 characters): `Choose wisely`

Active in ☑ Mode 1 ☑ Mode 2

Recommendations:

iPhone: If you have an iPhone you can just *"Create a new network on channel"*. After you've setup the network name (SSID) and Password you can connect to the WiFi network with your phone. After this you can visit our website to check if the connection is successful.

Android(Samsung/Huawei/ZTE/etc.): If you have an Android phone you should connect the CFE to the hotspot on your phone. Select the option "Connect to an existing network or hotspot". Then fill in the WiFi name and password of your phone. After this you can visit our website to check if the connection is successful.

Example page Android and iPhone: http://swedesolutions.com/wifimob

SWEDESOLUTIONS.COM
EVERYTHING FOR YOUR SWEDE

DIM INFORMATION (ONLY P2)

You can enable DIM info by pushing the reset button on your stalk one time when the display is off.

For changing the information on the DIM you need to push the reset button one more time until you'll see a blinking cursor.

Then you can change the information by using the button on your DDM:

ACTIVATING THE INPUTS ON THE RTI SCREEN. (V70,S80,XC60 FROM MY2007-MY2011)

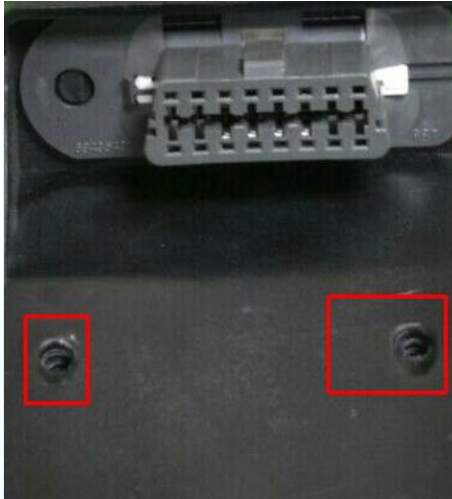You can activate the FAKRA inputs on the RTI screen by using the following buttons:

Press exit AND 1 or 2 or 3 at the same time and the RTI screen should change to the other inputs.

© 2020 SwedeSolutions the Netherlands - info@swedesolutions.com - www.swedesolutions.com

Instruction# 1697	Version# 1.07	Part# -	EAN# SE-10 & SE-11	Author: KW

SWEDESOLUTIONS.COM
EVERYTHING FOR YOUR SWEDE

TIPS & TRICKS

OBD PORT P2

For the P2 platform you have a cover over the OBD port. This cover cannot be closed by default with the CFE Plus (WiFi). You need to loosen the 2 torx 25 bolts of the OBD port.

TILTING MIRRORS WHEN IN REVERSE (ONLY WITH MEMORY SEATS)

This function works as follows; you should program the desired mirror position in memory 3 on your electric seat.

After this, the CFE should automatically go to this saved position when in reverse.

CHANGE MODES WHILE IN THE CAR

P1: Press the button for the rear window heating for 10 seconds. Car must be in ACC (Key pos 1) or ON (Key pos 2).

P2: Press the button for the rear window heating for 10 seconds. OR press the reset button on the stalk with the CFE in the display or while the display is off. Car must be in ACC (Key pos 1) or ON (Key pos 2).

P3: Press the button for the rear window heating for 10 seconds. Car must be in ACC (Key pos 1) or ON (Key pos 2).

Instruction# 1697	Version# 1.07	Part# -	EAN# SE-10 & SE-11	Author: KW