QUICK REFERENCE GUIDE

WHAT IS THE *CFE-PLUS*

The CFE-Plus 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 tweeks to the configuration so it fits your personal needs and requirements!

Download, install and run the UPDATER-TOOL , connect the CFE-Plus to the (supplied) config 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 to 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 of your car here to see which functions the CFE-Plus has available for a Volvo matching the vin you've entered. Read the help texts to get understanding on how functions work.

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 (see website).
Please see the overview at the end of this document for further compatibility information.

SUPPLIED IN SET

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

CFE-Plus CPU	*CFE-Plus* *Configuration cable*	**CFE-Plus** Usb cable

TECHNICAL DATA

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

WARRANTY

The CFE-Plus 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.

COMPATIBILITY LIST

Please see Volvo compatibility here :

Your Volvo	MY range	CFE obd v1 full	Cfe obd v1 LE	Cfe obd v1 plus
		Development state : stopped bugfixing only	Development state : stopped bugfixing only	Development state : avtive (high) function requests can be sent
C30	2006-2012	Not supported, not planned	Not supported, not planned	Not supported currently, in development
C70	2006-2012	Not supported, not planned	Not supported, not planned	Not supported currently planned
S40	2003-2006	Not supported, not planned	Not supported, not planned	Not supported currently, in development
S40	2007-2011	Not supported, not planned	Not supported, not planned	Not supported currently, in development
S60	2000-2004	supported	Not supported, not planned	In development, available soon
S60	2005-2009	supported	supported	supported
S60	2010-2014	Not supported, not planned	Not supported, not planned	Not supported currently, planned
S60	2014-2018	Not supported, not planned	Not supported, not planned	Not supported currently, planned
S80	1999-2004	supported	Not supported, not planned	In development, available soon
S80	2005-2006	supported	supported	supported
S80	2007-2010	Not supported, not planned	Not supported, not planned	Not supported currently, in development
S80	2011-2014	Not supported, not planned	Not supported, not planned	Not supported currently, planned
S80	2015-2018	Not supported, not planned	Not supported, not planned	Not supported currently, planned
V50	2003-2006	Not supported, not planned	Not supported, not planned	Not supported currently, in development
V50	2007-2012	Not supported, not planned	Not supported, not planned	Not supported currently, in development
V70/xc70	2000-2004	In development, available soon	Not supported, not planned	In development, available soon
V70/xc70	2005-2007	supported	supported	supported
V70/xc70	2008-2010	Not supported, not planned	Not supported, not planned	Not supported currently, in development
V70/xc70	2011-2014	Not supported, not planned	Not supported, not planned	Not supported currently, planned
V70/xc70	2015-2018	Not supported, not planned	Not supported, not planned	Not supported currently, planned
XC60	2009-2011	Not supported, not planned	Not supported, not planned	Not supported currently, in development
XC60	2012-2014	Not supported, not planned	Not supported, not planned	Not supported currently, planned
XC60	2015-2018	Not supported, not planned	Not supported, not planned	Not supported currently, planned
Xc90	2003-2004	In development, available soon	Not supported, not planned	In development, available soon
XC90	2005-2008	supported	supported	supported
XC90	2009-2011	supported	supported	supported
Xc90	2012-2014	supported	supported	In development, available soon

List is subject to change!

Instruction# 0180	Version# 1.01	Part# VT-0180	EAN# 871932411548	Author: BE

FUNCTION OVERVIEW

Please see functionality availability here:

FUNCTION	OPTION	CFE obd v1 full		Cfe obd v1 LE		Cfe obd v1 plus	
		MY 00-04	MY 05-up	MY 00-04	MY 05-up	MY 00-04	MY 05-up
Change configuration / make settings with updater tool		Y	Y	N	N	Y	Y
Lock all doors and trunk when car reaches X speed		Y	Y	N		Y	Y
Unlock all doors and trunk		Y	Y	N		Y	Y
Retract the Mirrors	1	Y	Y	N	C D S T	Y	Y
Extend the Mirrors	1	Y	Y	N	C D S T	Y	Y
Enable angling function on the memory mirrors	2	Y	Y	N		Y	Y
Enable passenger window auto-up		Y	N	N		Y	Y
Enable intermittent window wiping		Y	N	N		Y	Y
Enable wash/wipe with extra wipe		Y	N	N		Y	Y
Use the remote control keyfob to close windows + sunroof		Y	Y	N	C D S T	Y	Y
Use the remote control keyfob to open		Y	Y	N		Y	Y
Switch on the rear window and mirror heating at temp X		Y	N	N		Y	Y
Extend Indicators to blink at least X times		Y	N	N		Y	Y
Extend High Beam to include fog lights	3	Y	N	N		Y	Y
Extend Approach lighting using Low beam head lights		Y	N	N		Y	Y
Extend Approach ligthing using Fog lights	3	Y	N	N		Y	Y
Extend Approach lighting using Reversing lights		Y	Y	N		Y	Y
Enable daytime running lights	3	Y	N	N		Y	Y
Switch on Approach lighting at unlock		Y	Y	N	D S	Y	Y
Switch on Approach lighting at key removal		Y	Y	N		Y	Y
Switch on Approach lighting when a door is openend		N	N	N		Y	Y
Switch on Approach lighting only when twilight or dark outside		N	N	N		Y	Y
Switch parking heater on/off when unlock is pressed 3 times	4	Y	Y	N	S	Y	Y
Set driver seat heating after engine start at temp X	5	Y	N	N		Y	Y
Set passenter seat heating after engine start at temp X	5	Y	N	N		Y	Y
Enable Gauge sweep at "ignition on"		Y	Y	N	T	Y	Y
Dim : show welcome and goodbye text		Y	Y	N		Y	Y
Dim : show Engine speed RPM		Y	Y	N	D T	Y	Y
Dim : show current speed Km/h or mph		Y	Y	N	D T	Y	Y
Dim : show battery voltage		Y	Y	N	S T	Y	Y
Dim : Cabin temp in C/F		Y	Y	N	S T	Y	Y
Dim : Coolant temp in C/F		Y	Y	N		Y	Y
Dim : Fuel level in Liters/Gallons		Y	Y	N	D T	Y	Y
Dim Acceleration test 0-100kmh / 0-60mph		Y	Y	N	T	Y	Y
Dim: Transaxle oil temp in C/F	6	N	N	N		Y	Y
Dim : Engine oil temp in C/F	7	N	N	N		Y	Y
Dim : Haldex oil temp in C/F	8	N	N	N		Y	Y
Dim : Multi-info 1 (multi info on 1 line) metric/imperial		N	N	N		Y	Y
Dim : Multi-info 2 (multi info on 1 line) metric/imperial		N	N	N		Y	Y
Dim : show parking sensor front	9	N	N	N		Y	Y
Dim : show parking sensor rear	10	N	N	N		Y	Y
Dim : show current selected gear	11	N	N	N		Y	Y
Dim : Force PDC info on DIM (if diminfo is visible)	9/10	N	N	N		Y	Y
Accept RTI warning	12	N	N	N		Y	Y
Enable DTC read and store in CFE-Plus (read error codes)		N	N	N		Y	Y
Enable DTC clear (clear error codes)		N	N	N		Y	Y
Mute HU volume when in reverse gear		Y	Y	N		Y	Y
Set cruise control to standy after engine start		Y	Y	N		Y	N

Option
1 *Requires electrical folding mirrors*
2 *Requires memory mirrors*
3 *Requires fog lights*
4 *Requires programmable parking heater*
5 *Requires heated seats*
6 *Requires Automatic / Geartronic*
7 *Requires a Turbo engine*
8 *Requires AWD*
9 *Requires parking sensors front*
10 *Requires parking sensors rear*
11 *Requires Automatic / Geartronic*
12 *Requires RTI navigation*

C = Comfort Edition (CFE LE)
D = Driver Edition (CFE LE)
S = Season Edition (CFE LE)
T = Tech Edition (CFE LE)

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