



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 <u>UPDATER-TOOL</u>, 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" submenu 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 (OBD Male Dongle) CFE-Plus Configuration cable (OBD Female / USB) CFE-Plus Usb cable

Instruction# 0180	Version# 1.162	Part# VT-0180	EAN# 871932411548	Author: BE





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

Y <mark>ou</mark> r Volvo	MY range	MODEL	CFE obd v1 full	Cfe obd v1 LE	Cfe obd v1 plus	
			Development state :	Development state :	Development state:	
			stopped bug fixing only	stopped bug fixing only	ACTIVE (HIGH)	
<mark>C3</mark> 0	2006-2012	P1	Not supported, not planned	Not supported, not planned	Not supported currently, in development	
C70	2006-2012	P1	Not supported, not planned	Not supported, not planned	Not supported currently planned	
S40	2003-2006	P1	Not supported, not planned	Not supported, not planned	Not supported currently, in development	
<mark>54</mark> 0	2007-2011	P1	Not supported, not planned	Not supported, not planned	Not supported currently, in development	
5 <mark>60</mark>	2001-2004	P2	Supported *1	Not supported, not planned	Supported (MY 2002 in development!) *1	
S60	2005-2009	P2	supported	supported	supported	
S60	2010-2014	P3	Not supported, not planned	Not supported, not planned	Not supported currently, planned	
56 <u>0</u>	2015-2018	P3	Not supported, not planned	Not supported, not planned	Not supported currently, planned	
580	1999-2000	P2	Supported *1	Not supported, not planned	Not supported currently, not planned	
S80	2001-2004	P2	Supported *	Not supported, not planned	Supported (MY 2002 in development!) *1	
S80	2005-2006	P2	supported	supported	Supported	
S80	2007-2011	P3	Not supported, not planned	Not supported, not planned	Supported	
S80	2012-2014	P3	Not supported, not planned	Not supported, not planned	Not supported currently, planned	
S80	2015-2018	P3	Not supported, not planned	Not supported, not planned	Not supported currently, planned	
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V70/xc70	2001-2004	P2	Supported *	Not supported, not planned	Supported *	
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V70/xc70	2008-2011	P3	Not supported, not planned	Not supported, not planned	Supported	
V70/xc70	2012-2014	P3	Not supported, not planned	Not supported, not planned	Not supported currently, planned	
V70/xc70	2015-2018	P3	Not supported, not planned	Not supported, not planned	Not supported currently, planned	
XC60	2009-2011	P3	Not supported, not planned	Not supported, not planned	Not supported currently, in development	
XC60	2012-2014	P3	Not supported, not planned	Not supported, not planned	Not supported currently, in development	
XC60	2015-2018	P3	Not supported, not planned	Not supported, not planned	Not supported currently, in development	
Хс90	2003-2004	P2	Supported *1	Not supported, not planned	Supported *1	
Xc90	2005-2008	P2	supported	supported	Supported	
XC90	2009-2012	P2	supported	supported	Supported	
Xc90	2013-2014	P2	supported	supported	In development, available soon	

Please see the Volvo hardware and general compatibility list here:

List is subject to change!

Instruction# 0180	Version# 1.162	Part# VT-0180	EAN# 871932411548	Author: BE





FUNCTION OVERVIEW P2 MODELS

Please see current functionality availability here:

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10 Requires parking sensors rear Image: Sensor rear Image: Sensore Image: Sensor rear								
11 Requires Automatic / Geartronic Image: Constraint of the second s								
12 Requires RTI navigation Image: Constraint of the second of the seco								
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D = Driver Edition (CFE LE)								
D = Driver Edition (CFE LE)	C = Comfort Edition (CFE LE)							
S = Season Edition (CFE LE)								
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List is subject to changes!

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FUNCTION OVERVIEW P3 MODELS

Please see current functionality availability here:

FUNCTION	Note	CFE PI	lus
		MY 07-11	
Change configuration / make settings with updater tool		Y	
Lock all doors and trunk when car reaches X speed			
Unlock all doors and trunk			
Enable angling function on the memory mirrors	2		
Enable intermittent window wiping			
Enable wash/wipe with extra wipe		Y	
Use the remote control key fob to close windows + sunroof		Y	
Use the remote control key fob to open		Y	
Switch on the rear window and mirror heating at temp X		Y	
Extend High Beam to include fog lights	3	Y	
Extend Approach lighting using Low beam head lights		Y	
Extend Approach lighting using Fog lights	3	Y	
Extend Approach lighting using Reversing lights	T .	Y	
Enable daytime running lights	3	Y	
Switch on Approa <mark>ch li</mark> ghting at unlock		Y	
Switch on Appr <mark>oach</mark> lighting at key removal		Y	
Switch on Ap <mark>proach lighting when a door is opened</mark>		Y	
Switch on Approach lighting only when twilight or dark outside		Y	
Switch parking heater on/off when unlock is pressed 3 times	4		
Set driv <mark>er s</mark> eat heating after engine start at temp X	5	Y	
Set pa <mark>sse</mark> nger seat heating after engine start at temp X	5	Y	
Enable Gauge sweep at "ignition on"		Y	
Dim info: Research in progress. Unsure if function will be available in P3		Y	
Accept RTI warning	12	<u> </u>	
Enable DTC read and store in CFE-Plus (read error codes)	12	Y	
Enable DTC clear (clear error codes)		Y Y	
Mute Amplifier volume when in reverse gear	-	Y I	
Set cruise control to standby after engine start	7	<u> </u>	
Enable RTI screen auto-up if car in reverse	12	Y	
Enable RTI screen source auto-select (Video source 1 (Reverse camera))	12	Y I	
Enable RTI screen source auto-select (Video source 2 (Front camera))	12	Y I	
Enable RTI screen manuals source select ([*]+[1] for Video source 1 etc)	12	Y	
	12		
Option	-	<u> </u>	
	4		
Requires electrical folding mirrors			
2 Requires memory mirrors			
3 Requires fog lights	_		
Requires programmable parking heater	-		
5 Requires heated seats			
6 Requires Automatic / Geartronic	-		
7 Requires a Turbo engine	-		
8 Requires AWD	_		
9 Req <mark>uires par</mark> king sensors front			
10 Requ <mark>ires park</mark> ing sensors rear			
11 Requir <mark>es Auto</mark> matic / Geartronic			
12 Requires RTI navigation			

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