Getting Started with E-Sys 3.18.4

- Connect ENET cable between car's OBD port and network port of laptop.
- Ensure laptop WiFi is disabled and all cell phones near car have BT turned off.
- Start the engine or provide external power.
 - It is safe to run the engine as long as you are not coding in the Digital Motor Electronics (DME) ECU.
- Wait a minute until the network icon on laptop shows a Connection with the yellow exclamation point over it.
- Open E-Sys.

Press the connect button on top row of E-Sys to connect car with the laptop. This will open a popup dialogue box.

🏶 E-Sys 3.18.4			X
File Options Extras Help			
Comfort Mode	Vehicle Order	Vehicle Profile	
Expert Mode	Read Load Save Edit		
VCM			
Coding	SVT	SVT Actual	7
Coding	2	File Name:	
<u></u>		Read (VCM) Read (ECU) Load Save Edit	
Coding-Verification		LLKIS/SVT Target-	
		I-Step (shipm.): Calculation Strategy	s
FSC-Extended		I-Step (target): Complete Flash	
TSL-Update		File Name:	
<u></u>		Calculate Load Save Edit	
NAV/ENT Update		HW-IDs from SVTactual Detect: CAF for SWE	
		Coding	
		Code Read Coding Data Code FDL	
		Code Default Values Read CPS	
Editors & Viewers		Parallel TAL-Execution Stop TAL on Error	
Data Handling		-Filter	
External Applications		All SVT Reset	
Personal view	Actual state Target state Identical state F	FDL	
	America de la construcción de la c		

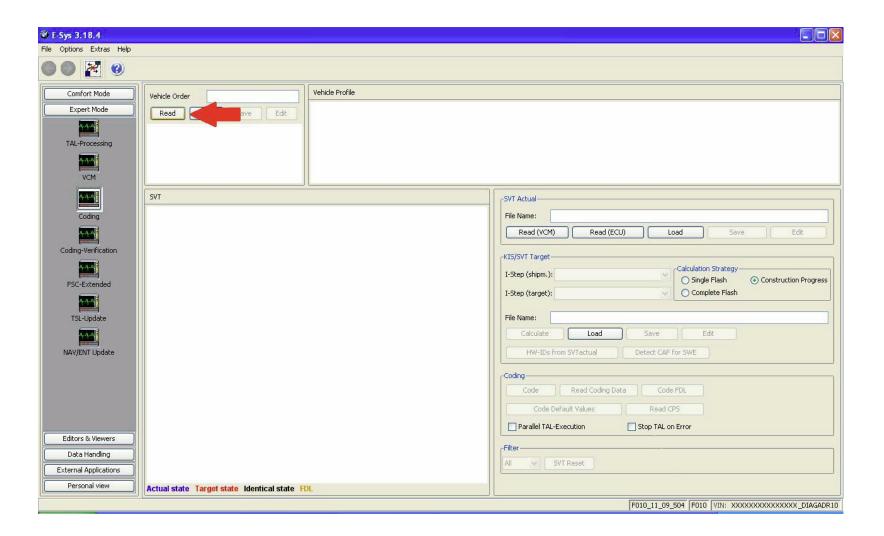
Select the correct TargetSelector, e.g. F010, not F010_DIRECT Select "connection via VIN" and press Connect. Click Ok when connection established.

Open Connection			×
Target			
TargetSelector: Project=F001_11	_09_504, VehicleInfo=F001	~	
	_09_504, VehicleInfo=F001_DIRECT	E	
TargetSelector: Project=F010_11			
	_09_504, VehicleInfo=F010_DIRECT	~	
TargetSelector: Project=F020_11	_U7_504, VehicleInro=F020	<u> </u>	
		onnect Cancel	1
<< Details			J
Connection via bus:	ETHERNET VECTOR_DIF	RECT	× .
Connection via gateway URL:	tcp://127.0.0.1:6801		
	tcp://127.0.0.1:52410		
Connection via ICOM/D-CAN:	ccp://127.0.0.1:52410		
Connection via ICOM/Ethernet:	tcp://127.0.0.1:50160		
 Connection via VIN: 	XXXXXXXXXXXXXXXXX_DIAGADR10	Inform	ation
		(i)	Connection established. [G168]
			🖌 Show this message always.
			OK

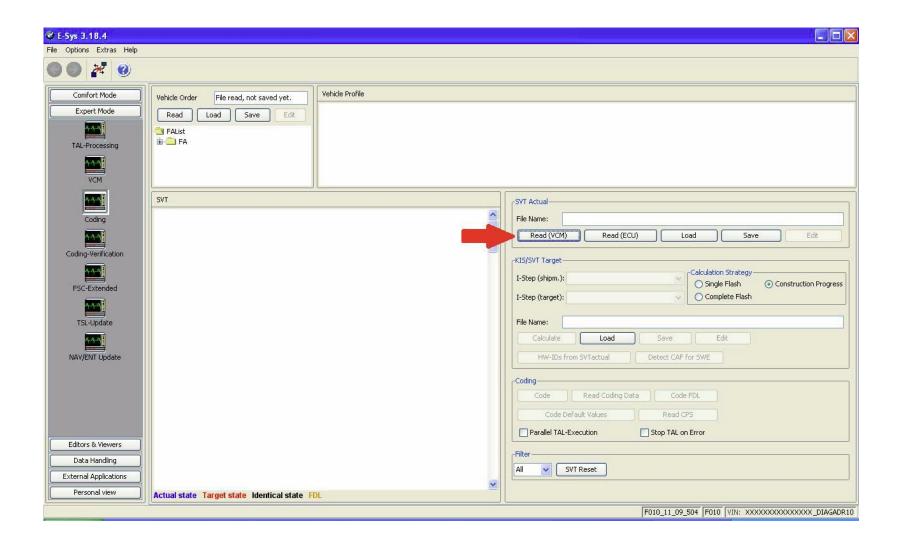
Select "Expert Mode".

click on "Coding" button.

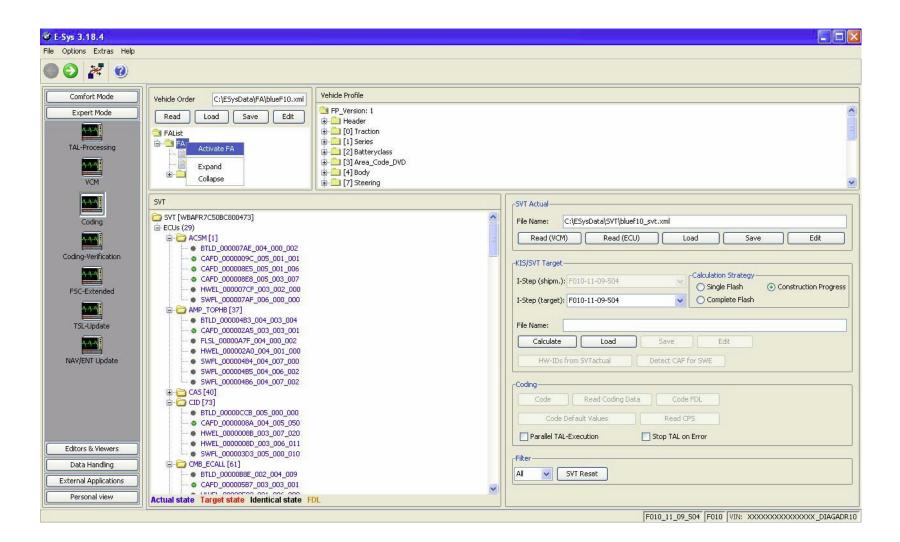
In Vehicle Order Box, click on "Read" button. This will display the car's FA.



In the SVT Actual Box click on "Read(VCM)" button. The SVT box will display the car's different modules.



Right click FA Select Activate FA



Right click the CAFD file under the Module you want to read. Select "Read Coding Data"

📽 E-Sys 3.18.4				
File Options Extras Help				
Comfort Mode Expert Mode TAL-Processing	Vehicle Order File read, not saved yet. Read Load Save Edit FAList FA	Vehicle Profile		
VCM	SVT			_SVT Actual
Coding-Verification Coding-Verification FSC-Extended TSL-Update NAV/ENT Update	SVT ← ECUs (29) ← BTLD_00007AE_004_000_002 ← GAFD_000009C_005_001_001 ← GAFD_000009C_005_001_006 ← CAFD_000008E_005_001_006 ← CAFD_000008E_005_003_007 ← MMEL_000007F_003_002_000 ← SWFL_000007F_003_002_000 ← BTLD_0000483_004_003_004 ← FLSL_0000047F_004_000_002 ← WWEL_0000047F_004_000_002 ← WWEL_00000485_004_007_000 ← SWFL_00000485_004_007_000 ← SWFL_00000486_004_007_000			SYLACUA File Name: File Name: Read (VCM) Read (ECU) Load Save Edit KIS/SVT Target I-Step (shipm.): I-Step (shipm.): I-Step (target): Calculation Strategy O Single Flash O Complete Flash File Name: Calculate Load Save Edit HW-IDs from SVTactual Detect CAF for SWE
Editors & Viewers Data Handling External Applications Personal view	CAS [40] CAS [40] CAFD_0000074B_007_000_003 CAFD_000000F_005_019_005 HWAP_000002EB_255_255_255 HWEL_0000074C_007_000_001 SWFL_0000074C_007_000_041 SWFL_0000074E_007_000_041 SWFL_0000074E_0000004E_0000004 SWFL_0000004E_000004E_000004E_000004E_00004 SWFL_0000004E_00004E_00004E_0004 SWFL_000004E_0004E_0004E_0004 SWFL_000004E_0004E_0004E_0004E_0004 SWFL_0004E_0004E_0004E_004E_004E_004E_004E_		<u>×</u>	Code Read Coding Data Code FDL Code Default Values Read CPS Parallel TAL-Execution Stop TAL on Error Filter All V SVT Reset
	[<u></u>			F010_11_09_504 F010 VIN: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

A new option will appear under the CAFD folder. Expand to view the new folder by clicking "+". Right click that new folder, Select "EDIT FDL"

Mode Vehicle Order File read, not saved yet. Vehicle Profile	
Mode Read Load Save Edit	
tessing	
M	
SVT	
ECUs (29)	File Name: File read, not saved yet.
ACSM [1]	Read (VCM) Read (ECU) Load Save Ed
Image: milling to the second	
CAED 000008E5 005 001 006	KIS/SVT Target
CAFD_000008E8_005_003_007	I-Step (shipm.):
ended	Single Flash O Construction
SWFL_000007AF_006_000_000	I-Step (target):
🚹 👘 🗁 АМР_ТОРНВ [37]	
Ddate	File Name:
CAFD_000002A5_003_003_001	
	Calculate Load Save Edit
Update SWFL_00000484_004_007_000	HW-IDs from SVTactual Detect CAF for SWE
• SWFL_00000485_004_006_002	
SWFL_00000486_004_007_002	Coding
🖨 🗁 CAS [40] [C800473]	
BTLD_0000074B_007_000_003	Code Read Coding Data Code FDL
🖨 🗁 CAFD_000000F_005_019_005	
L CAFD_0000000F_005_0 X Delete	Code Default Values Read CPS
• HWAP_000002EB_255_255	Parallel TAL-Execution Stop TAL on Error
Viewers HWEL_00000007_006_000_ Edit FDL	
wewers SWFL_0000074C_007_000 Code	-Filter
andling SWFL_0000074D_007_000 Read Coding Data	
SWFL_0000074E_007_000 SWFL_0000074E_007_000	All V SVT Reset

Select the Section you wish to modify. Expand to view the section's folder by clicking "+".

© E-Sys 3.18.4 - CAFD_0000000F_005_019_005.ncd	
File Options Extras Help	
Comfort Mode File Name: C:\ESysData\CAF\CAFD_000000F_005_019_005.ncd Expert Mode Filter	
Editors & Viewers Search Storage Info Default Values Parameter	
FA-Editor Galer	
TAL-Editor ⊕	
Image: System in the system	
SWESEQ-Editor Image: Control of the contr	
B	
FDL-Editor 3772 VCM_AEP_DATA, 04 Image: Data state	
CAF-Viewer	
Log-Viewer	
Data Handling	
Data Handling Values from ECU External Applications	4
Personal view	
F010 11 09 504 F010 VIN: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	

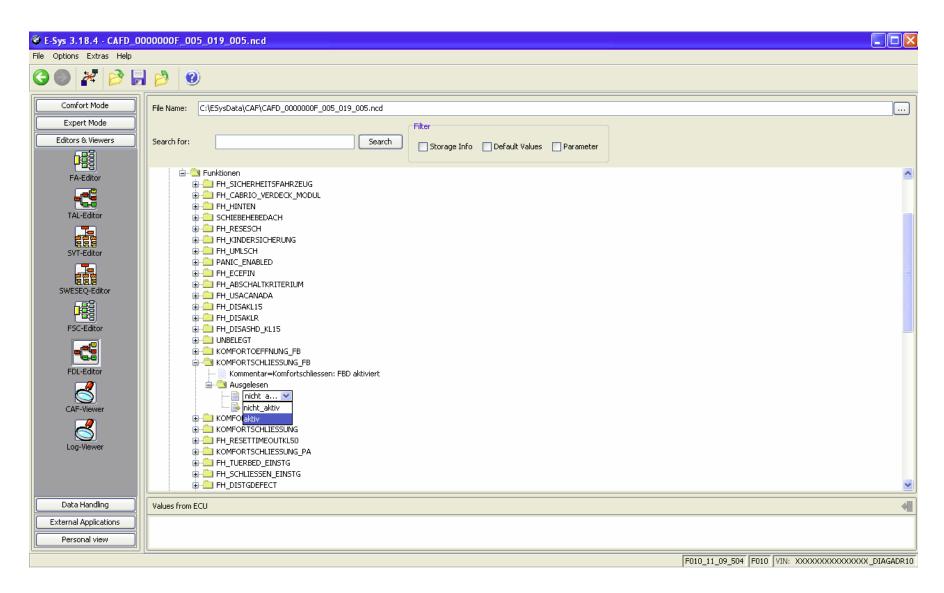
Expand the "Funktionen" folder by clicking "+". This will expand the folder into a list of Function Values.

🔮 E-Sys 3.18.4 - CAFD_00000	00F_005_024_233.ncd	
File Options Extras Help		
3 🔍 🏹 😥 🖩		
Comfort Mode Expert Mode	File Name: C:\ESysData\CAF\CAFD_0000000F_005_024_233.ncd	
Editors & Viewers	Search for: Search Search Default Values Parameter	
FA-Editor TAL-Editor SVT-Editor SWESEQ-Editor FSC-Editor FDC-Editor FDL-Editor CAF-Viewer Log-Viewer	CAF [CAS_04] Header Solut Cay, 10 Solut CAM, 1C Solut CAM, 2C Solut CAM, 2C	
Data Handling	Values from ECU	4
External Applications Personal view		
		F010_12_11_503 F010 VIN: WBAFR7C59BC803369_DIAGADR10

Locate the Function Value that you want to configure Expand to view the folder by clicking "+". Select the second option (Ausgelesen) Expand to view the folder by clicking "+". Right click on Aktiv or Nicht_Aktiv, select Edit

E-Sys 3.18.4 - CAFD_0	000000F_005_019_005.ncd				
File Options Extras Help	File Options Extras Help				
3 🔍 🏹 🆻 🖡					
Comfort Mode	File Name: C:\ESysData\CAF\CAFD_0000000F_005_019_005.ncd				
Expert Mode	Filter				
Editors & Viewers					
	Search Storage Info Default Values Parameter				
FA-Editor					
TAL-Editor					
	B C FH_RESESCH				
SVT-Editor					
SWESEQ-Editor					
	🗑 💼 FH_USACANADA				
FSC-Editor	B C FH_DISAKLR B C FH_DISASHD_KL15				
FDL-Editor	- Kommentar=Komfortschliessen: FBD aktiviert				
3					
\mathbf{i}	icht_ak				
CAF-Viewer					
3					
	FH_RESETTIME(Expand (Depth 2)				
Log-Viewer					
	Expand Expand				
		<u> </u>			
Data Handling	Values from ECU				
External Applications					
Personal view					
	F010_11_09_5	04 F010 VIN: XXXXXXXXXXXXXXXXX _DIAGADR10			

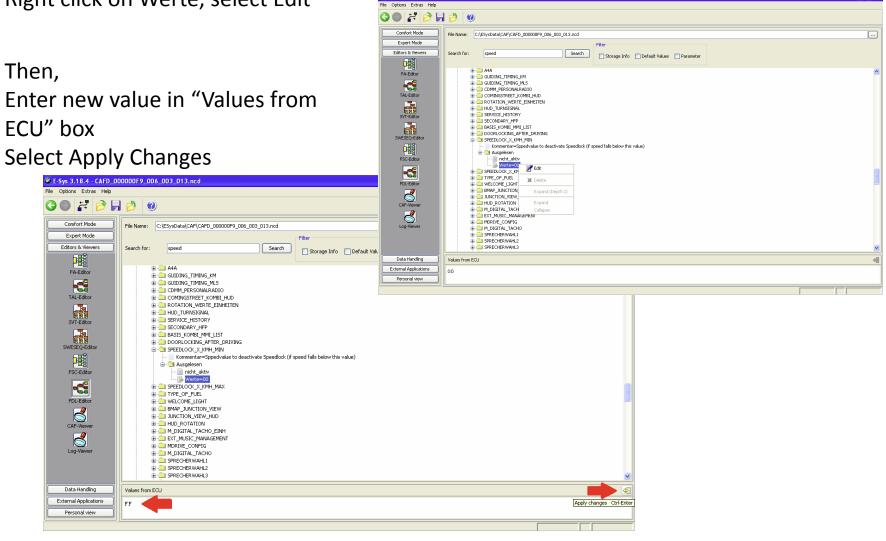
Change setting as desired (in this case "Aktiv")



ONLY IF WERTE VALUE NEEDS TO BE CHANGED (normally NOT done, and never in combination with change to aktiv, nicht_aktiv. Only one of the two settings changes) First,

E-Sys 3.18.4 - CAFD_000000F9_006_003_013.ncd

Right click on Werte, select Edit



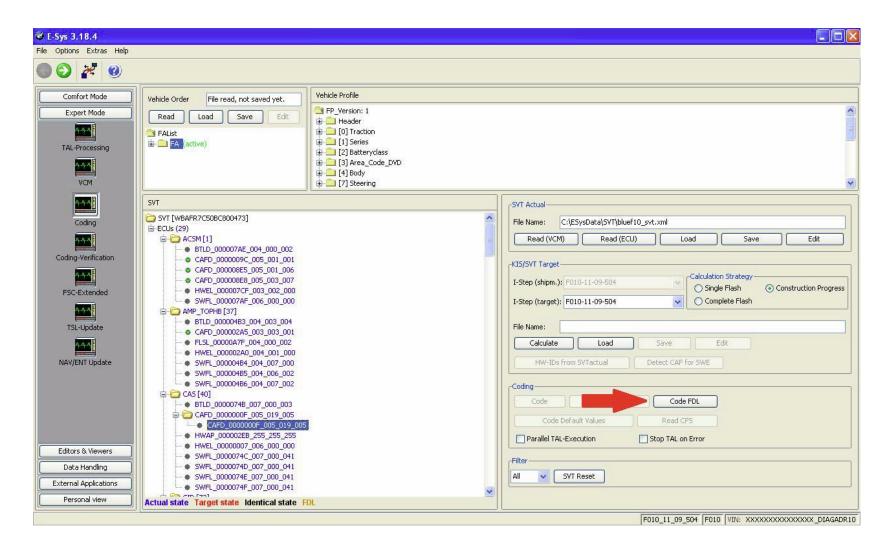
Click on the "Save" icon

🍪 E-Sys 3.18.4 - CAFD_0	000000F_005_019_005.ncd	
File Options Extras Help		
3 🛛 🌌 🆻 🖡		
Comfort Mode	File Name: C:\ESysData\CAF\CAFD_0000000F_005_019_005.ncd	
Expert Mode Editors & Viewers	Search for: Search Search Search Search	
FA-Editor TAL-Editor TAL-Editor SWESEQ-Editor FSC-Editor FDL-Editor CAF-Viewer CAF-Viewer Data Handling External Applications	Purktonen Phi ScherkettsFahrszeus Phi Cabrio, VerbEck, MoDul Phi Cabrio, Phi Cab	
External Applications		
Personal view		
	F010_11_09_504 F010 VIN: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	CDIAGADR10

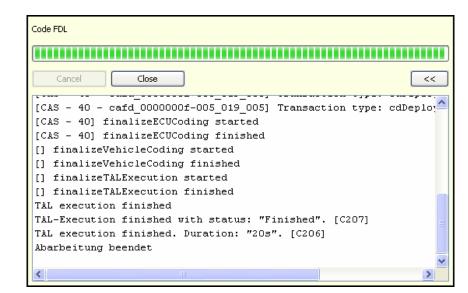
Click the green back arrow

	100000F_005_019_005.ncd	
File Options Extras Help		
G - P 🖗 🖩		
Comfort Mode	File Name: C:\ESysData\CAF\CAFD_0000000F_005_019_005.ncd	
Expert Mode	Filter	
Editors & Viewers	Search for: Search Storage Info Default Values Parameter	
P	i 🖨 🔄 Funktionen	
FA-Editor	🕀 💼 FH_SICHERHEITSFAHRZEUG	
	B + C = FH_CABRIO_VERDECK_MODUL	
TAL-Editor		
	😨 💼 FH_KINDERSICHERUNG	
SVT-Editor	E E E E E E E E E E E E E E E E E E E	
	B + D FH_ECEFIN B + D FH_ABSCHALTKRITERIUM	
SWESEQ-Editor	FH_USACANADA FH_USACL15	
	🕫 💼 FH_DISAKLR	
FSC-Editor	E FH_DISASHD_KL15	
FDL-Editor		
3	- 📄 aktiv	
CAF-Viewer		
3		
Log-Viewer		
	E C C C C C C C C C C C C C C C C C C C	
Data Handling	Values from ECU	4
External Applications Personal view		
		F010_11_09_504 F010 VIN: XXXXXXXXXXXXXXXXX DIAGADR10

Select the CAFD file that you just edited Click "CODE FDL"



When coding is complete, click "Close" An error report will open. Close or Save as needed.



🏶 Report - "O" Errors		
Transaktions-Report: Aktion	n: FDL Codieren	
CAS [40] cdDeploy Processed cafd_0000000F-005_019_005	5 Processed	
	Save	Close

Repeat steps as needed When complete, disconnect, then exit E-Sys