BE SURE TO RUN ESYS from the ESYS LAUNCHER SHORTCUT ... DO NOT USE THE SHORTCUT THAT WAS CREATED BY THE ESYS INSTALLER!!!

4. Before we begin, here's the MOST IMPORTANT PIECE OF INFORMATION THAT YOU NEED WHEN CODING

Under NO CIRCUMSTANCES SHOULD YOU EVER PRESS THE BUTTON "Code Default Values"

See BELOW for the location of that button in the Expert Mode; Coding Screen in ESYS

📽 E-Sys 3.18.4			
File Options Extras Help			
Comfort Mode	Vehicle Order File read, not saved yet.	Vehicle Profile	
Expert Mode	Read Load Save Edit		
TAL-Processing	FAList		
and i			
VCM			
5-5-5E	SVT		SVT Actual
Coding	E-ECUs (29)	1	File Name: File read, not saved yet.
1444	ACSM[1]		Read (VCM) Read (ECU) Load Save Edit
Coding-Verification	 CAFD_000009C_005_001_001 CAFD_000008E5_005_001_006 		KIS/SVT Target
	 CAFD_000008E8_005_003_007 HWEL_000007CF_003_002_000 		I-Step (shipm.): Calculation Strategy Single Flash Construction Progress
Souli I	SWFL_000007AF_006_000_0	JEVER EVER EVER	I-Step (target):
TSL-Update	- • BTLD_00000483_004_003_00 - • CAFD 00000245 003 003 00		File Name:
144 A	- • FLSL_00000A7F_004_000_00	PRESS THIS	Calculate Load Save Edit
NAV/ENT Update	SWFL_00000484_004_007_0 0 SWFL_00000485_004_006_002	BUTTON -OR	HW-IDs from SVTectual Detect CAP for SWE
	SWFL_00000486_004_007_0	FLSE-BE	Coding
	- • BTLD_00000748_007_000_00		Code Read Coding Data Code FDL
	HWAP_000002EB_255_255_2 5	PREPARED KISS	Code Default Values Read CPS
Editors & Viewers	 SWFL_0000074C_007_000_001 SWFL_0000074D_007_000_001 	YOUR ECU	Livaramei Hel-Execution
Data Handling	 SWFL_0000074E_007_000_0 SWFL_0000074E_007_000_0 	GOODBYE	Al VI Prost
External Applications	B CD (73)	GOODDIE	
Personal view	Actual state Target state Identical state	FDL	
			F010_11_09_504 F010 VIN: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

CODING TUTORIAL NOW BEGINS

Step 1: Connect cable to computer then to car (Ensure that your car's engine is running during coding)

Step 2: Wait until LAN network adapter in task bar has established limited network capability (no screenshot)

To validate that the cable has a proper connection to the car, open up the LAN properties in Windows. The adapter should be set to obtain IP Address via DHCP (You can NOT set a STATIC IP Address for LAN Adapter)

If you have a proper connection, your IP Address should be: 169.xxx.xxx.xxx

Remember to DISABLE Anti-Virus and Firewall Programs, which are KNOWN to interfere with ESYS communication via Ethernet / LAN connection.

Step 3: Open E-Sys

🏶 E-Sys 3.18.4		-	
File Options Extras Help			2010/07/2010
Comfort Mode Expert Mode TAL-Processing VCM	Vehicle Order Read Load Save Edit SvT	Vehicle Profile	rSVT Actual
Coding Coding-Verification Coding-Verification FSC-Extended TSL-Update			File Name: Read (VCM) Read (ECU) Load Save Edit ktS/SVT Target
NAV/ENT Update			Calculate Load Save Edit HW-IDs from SVTactual Detect CAF for SWE Coding Code Read Coding Data Code FDL Code Default Values Read CPS Parallel TAL-Execution Stop TAL on Error
Data Handling External Applications			Filter
Personal view	Actual state Target state Identical state FI		

Step 4: Click the Connect button

🗳 E-Sys 3.18.4			×
File Options Extras Help			. ,
Comfort Mode	Vehicle Order	Vehicle Profile	
Expert Mode	Read Load Save Edit		
TAL-Processing			
VCM			
444	SVT		5
Coding		File Name:	
1-1-A		Read (VCM) Read (ECU) Load Save Edit	
Coding-Verification		-KIS/SVT Taroet	
<u> </u>		I-Step (shipm.):	1
FSC-Extended		I-Step (target):	
<u>~~~</u>			1
TSL-Update		File Name:	
NOV/ENT Lindate		HWJDrc from SVTachual Defact C/06 for SWE	
in type to opdate			
		Coding David Coding Date	ן ר
		Code Read County Data Code FDL	
		Code Derivativation Parallel T01_Evention Stop T01 on Event	
Editors & Viewers			
Data Handling		Filter	1
External Applications			
Personal view	Actual state Target state Identical state F	FDL	
			-

Step 5: Select F series you are working on, my case F10=F010 Project ... then select:

Connection via VIN and click "Connect"

DO NOT USE ANY CONNECTION THAT SAYS "_DIRECT" at the end of the description

F001 – 7-Series (all, including Alpina variants) & 5-Series GT Models Only

F010 – 5-Series; 6-Series (including ///M variants and Alpina vairants)

F020 - 2, 3, 4 Series (all) (including ///M variants and Alpina variants)

F025 - X3, X4, X5, X6 (all) (including ///M variants)

F056 - 2014+ Mini Cooper (all variants with iDrive controller)

I001 - i3, i8 (all variants)

© Open Connection		
Target TargetSelector: Project=F001_11 TargetSelector: Project=F001_11	_09_504, VehicleInfo=F001 _09_504, VehicleInfo=F001_DIRECT	
TargetSelector: Project=F010_11 TargetSelector: Project=F010_11 TargetSelector: Project=F020_11	_09_504, VehicleInfo=F010 _09_504, VehicleInfo=F010_DIRECT _07_504, VehicleInfo=F020	~
<< Details	Connect	ancel
O Connection via bus:	ETHERNET VECTOR_DIRECT	~
Connection via gateway URL:	tcp://127.0.0.1:6801	
Connection via ICOM/D-CAN:	tcp://127.0.0.1:52410	
Connection via ICOM/Ethernet:	tcp://127.0.0.1:50160	
 Connection via VIN: 	XXXXXXXXXXXXXXXXX_DIAGADR10	~

Step 6: Click "OK"



Step 7: Click "Read"

🇳 E-Sys 3.18.4			X
File Options Extras Help			
Comfort Mode Expert Mode TAL-Processing VCM	Vehicle Order Read Edit	Vehicle Profile	
<u>***</u>	SVT	SVT Actual	
Coding		File Name: Read (VCM) Read (ECU) Load Save Edit	
Coding-Verification		KIS/SVT Target I-Step (shipm.): O Single Flash O Construction Progress	
TSL-Update		I-Step (target):	
NAV/ENT Update		Calculate Load Save Edit HW-IDs from SVTactual Detect CAF for SWE	
		Code Read Coding Data Code FDL Code Default Values Read CPS Parallel TAL-Execution Stop TAL on Error	
Editors & Viewers		rFilter	
External Applications		All SVT Reset	
Personal view	Actual state Target state Identical state F	FDL	
		F010_11_09_504 F010 VIN: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	10

Note: Option to save or not to save

Step 8: Right click FA, select "Activate FA"

🏶 E-Sys 3.18.4			
File Options Extras Help			
0 🛛 🔀 📀			
Comfort Mode	Vehicle Order C:\ESysData\FA\blueF10.xml	Vehicle Profile	
Expert Mode TAL-Processing VCM	Read Load Save Edit	PP_Version: 1 Header [0] Traction [1] Series [2] Batteryclass [3] Area_code_DVD [4] [8 dy [4] [7] Steering	
444	SVT		rSVT Actual
Coding	5VT [WBAFR7C50BC800473]		File Name: C:\ESysData\SVT\bluef10_svt.xml
A A A A			Read (VCM) Read (ECU) Load Save Edit
	BTLD_000007AE_004_000_002		
Coding-Verification	CAFD_000009C_005_001_001		KIS/SVT Target
A.A.A	CAED_000008E8_005_003_007		Calculation Strategy
ESC-Extended	 HWEL_000007CF_003_002_000 		1-Step (shipm.): P010-11-09-504
	SWFL_000007AF_006_000_000		I-Step (target): F010-11-09-504 🗸 🔿 Complete Flash
4.4.4	🖨 🧰 АМР_ТОРНВ [37]		
TSL-Update	BTLD_000004B3_004_003_004		File Name:
	EISL 0000047E 004 000 002		Calculate Load Save Edit
	HWEL 000002A0 004 001 000		
NAV/ENT Update	SWFL_000004B4_004_007_000		HW-IDs from SVTactual Detect CAF for SWE
	SWFL_00000485_004_006_002		
	• SWFL_00000486_004_007_002		Coding
			Code Read Coding Data Code EDL
	CAED 0000008A 004 005 050		Code Default Values Read CPS
	HWEL 0000008B 003 007 020		Davallel Tôl - Evention
Editors & Viewers	HWEL_0000008D_003_006_011		
Eulors & viewers	SWFL_000003D3_005_000_010		-Filter
Data Handling	ECALL [61]		
External Applications	 BTLD_00000B8E_002_004_009 CAED_00000E87_002_004_009 		
Pausaaluiau	CAFD_00000587_003_001		
Personal view	Actual state Target state Identical state FE	DL	
			F010_11_09_504 F010 VIN: XXXXXXXXXXXXXXXX_DIAGADR10

Activating FA, just wait till it finishes. Once finished, FA should show (active) in green. If not, try again.

Activating an FA	
Cancel	<<

Note: If you do not activate FA as described in Step 8, you will receive this message



Step 9: Click "Read (ECU)"



Step 10: Select CAFD (only one with a green Check mark) file under the module you want to read and select "Read Coding Data" (Note: the ACSM ECU has 3 with green check marks ... pick first one)

📽 E-Sys 3.18.4			
File Options Extras Help			
00 🛪 00			
Comfort Mode	Vehicle Order File read, not saved yet.	Vehicle Profile	
Expert Mode	Read Load Save Edit		
TAL-Processing	Ga FAList ⊕ FA		
VCM			
A-4-4	SVT		
Codina	C SVT		File Name: File read, not saved yet.
	ECUs (29)		
A	ACSM[1]		
Coding-Verification	CAED 0000009C 005 001 001		
	CAFD 000008E5 005 001 006		KIS/SVT Target
1.1.1	CAFD_000008E8_005_003_007		I-Sten (shinm.):
FSC-Extended	HWEL_000007CF_003_002_000		Single Flash O Single Flash O Single Flash
	SWFL_000007AF_006_000_000		I-Step (target):
	🖨 🧰 AMP_TOPHB [37]		
TSI -Lindate	BTLD_000004B3_004_003_004		File Name:
	CAFD_000002A5_003_003_001		
4.4.4	FLSL_00000A7F_004_000_002		Calculate Load Save Edit
	HWEL_000002A0_004_001_000		United for enclosed
NAW/ENT Opdate	SWFL_00000484_004_007_000		HW-LDS from SV factual Detet: CAP for SWC
	SWFL_00000485_004_000_002		
	E-CAS[40]		Coding-
	BTLD 00000748 007 000 003	2 N N	Code Read Coding Data Code FDL
	CAFD 0000000F 005 019 005		
	HWAP 000002EB 255 255 255		Code Default Values Read CPS
	- • HWEL_00000007_006_000_000		Parallel TAL-Evention Stop TAL on Error
Editors & Viewors	• SWFL_0000074C_007_000_041		
Cultors & Viewers	• SWFL_0000074D_007_000_041		Filter
Data Handling	- • SWFL_0000074E_007_000_041		
External Applications	SWFL_0000074F_007_000_041		All 🔽 SVT Reset
	🖨 🦾 CID [73]		
Personal view	Actual state Target state Identical state FI	DL	
(F010_11_09_504 F010 VIN: XXXXXXXXXXXXXXXX_DIAGADR10

Read Coding Data	
Cancel	<<

🍩 Report - "O" Errors	×
Transaktions-Report: Aktion: Codierdaten lesen	
CAS [40] [C800473] readCPS o.k. CAFD_0000000F_005_019_005.ncd generated	
Save Close	

Step 12: New option under CADF, a folder. Expand the folder by clicking + and right click that file, Select "EDIT FDL"

👹 E-Sys 3.18.4			
File Options Extras Help			
00 🛪 00			
Comfort Mode Expert Mode TAL-Processing VCM	Vehicle Order File read, not saved yet. Read Load Save Edit FAList FA	Vehicle Profile	
Coding Coding-Verification FSC-Extended TSL-Update NAV/ENT Update	SVT → SVT → SVT → CSM [1] → BTLD_000007AE_004_000_002 → CAFD_000008ES_005_001_006 → CAFD_000008ES_005_001_006 → CAFD_000008ES_005_000_000 → CAFD_000008ES_005_000_000 → WHZL_000007AF_006_000_000 → WHZL_000007AF_004_000_002 → HWEL_00000485_004_005_003_004 → CAFD_00000485_004_007_000 → WHZL_00000485_004_007_000 → SWFL_00000485_004_007_000 → BTLD_0000074E_007_000 → WHZL_000000485_004_005_019_005 → HWAEL_00000007_005_019_005 → HWAEL_00000074C_007_000	Delete Edit FDL	SVT Actual File Name: File read, not saved yet. Read (VCM) Read (ECU) Load Save KIS/SVT Target I-Step (shipm.): Single Flash I-Step (target): Construction Progress I-Step (target): Complete Flash File Name: Calculate Calculate Load Save Edit HW-IDs from SVTactual Detect CAF for SWE Coding Code Code Read CPS Paralel TAL-Execution Stop TAL on Error
Data Handling External Applications Personal view	SWFL_00000740_007_000 SWFL_0000074E_007_000 SWFL_0000074F_007_000 Actual state Target state Identical s	Read Coding Data Expand Collapse	All V SVT Reset
			F010 11 09 504 F010 VIN: XXXXXXXXXXXXXXXXX DIAGADR10

Step 13: Browse the folders till you find your option, I want option KOMFORTSCHLIESSUNG_FB

🎯 E-Sys 3.18.4 - CAFD_0	100000F_005_019_005.ncd	
File Options Extras Help		
3 🔍 🤻 🔁 🖩		
Comfort Mode	File Name: C:\ESysData\CAF\CAFD_0000000F_005_019_005.ncd	
Expert Mode	Filter	
Editors & Viewers	Search for: Search Search Search Default Values Deventer	
FA-Editor	CAF[CAS_04]	
	Header	
	a	
	B → 3001 CAM, 1C	
	and RCS DC	
	a 3005 TRSP, 04	
	B-1 3006 TAC, 04 B-1 3100 CAH_DRV, 03	
SWESEQ-Editor	🖶 🧰 3101 CAH ANTI-7, E7	
	B → 3105 CHT_NNI5, 21	
FSC-Editor	B-1 3701 VCM_CC_DATA, 04 R-1 3702 VCM_AEP_DATA_04	
	B a 37FC CAF_ID, 08	
FDL-Editor	B-□ 37FD SIGNATURE, 10	
2		
CAF-Viewer		
2		
Log-Viewer		
Data Handling	Values from ECU	•
		F010_11_09_504 F010 VIN: XXXXXXXXXXXXXXXX DIAGADR10

Step 14: Factory option set to nicht_active. Right click, select "Edit"

🏶 E-Sys 3.18.4 - CAFD_0	.0000000F_005_019_005.ncd	
File Options Extras Help		
30 🛪 🖻 🖡	n 🔁 🥹	
Comfort Mode Expert Mode	File Name: C:\ESysData\CAF\CAFD_0000000F_005_019_005.ncd Filter	
Editors & Viewers	Search for: Search Storage Info Default Values Parameter	
FA-Editor		
TAL-Editor	Image: SchliceEHEREDACH Image: Image: SchliceEHEREDACH Image: Image: Image: SchliceEHEREDACH Image:	
SWESEQ-Editor		
FSC-Editor		
FDL-Editor	KOMFORTOEFHUING_FB KomFortSchliessen: FBD aktiviert Kommentar=Komfortschliessen: FBD aktiviert	
CAF-Viewer	Werte Werte Werte Werte KomFoRTSCHL KomFoRTSCHL	
Log-Viewer	FH_RESETTIME Expand (Depth 2) Employee FH_TUERBED_E Expand Expand Expand Expand	
	DODOUT_005_019_005.ncd	
Data Handling	Values from ECU	4
Personal view		
	F010 11 09 504 [F010]	IN: XXXXXXXXXXXXXXXX DIAGADR10

Step 15: Select option desired, in this case, select "aktiv"

🏶 E-Sys 3.18.4 - CAFD_0	000000F_005_019_005.ncd	
File Options Extras Help		
3 🔍 🌌 🤌 🖡		
Comfort Mode	File Name: C:\E5ysData\CAF\CAFD_0000000F_005_019_005.ncd	
Expert Mode	Filter	
Editors & Viewers	Search for: Search Storage Info Default Values Parameter	
	i in the second se	~
FA-Editor		
TAL-Editor		
SVT-Editor		
SWESEQ-Editor		
	B I FH_DISAKL15	
FSC-Editor	B-III FH_DISAKLR B-III FH_DISASHD_KL15	
	B CARLESSUNG_FB B CARLESSUNG_FB	
FDL-Editor	- Kommentar=Komfortschliessen: FBD aktiviert	
\leq	nicht a V	
CAF-Viewer		
2	B - ☐ KOMFORTSCHLIESSUNG	
Log-Viewer		
	B → Control Child Solids _ FA	
Data Usadia a		
External Applications	Values from ECU	4
		F010_11_09_504 F010 VIN: XXXXXXXXXXXXXXXX DIAGADR10

Step 16: Once all changes have been made, Click 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 Default Values Parameter	
FA-Editor TAL-Editor	Punktionen P	
SVT-Editor		
SWESEQ-Editor		3
FSC-Editor	R I DISAKIR R I DISASHO_KLIS R I UNBELEGT	
FDL-Editor	B → KOMFORTOEFFNUMS_FB → KOMFORTSCHLESSUNG_FB → Kommentar=Komfortschlessen: FBD aktiviert	
CAF-Viewer		
Log-Viewer		
Data Handling	Values from ECU	•
External Applications Personal view		
,	F010_11_09_504 F010 V	IN: XXXXXXXXXXXXXXXXXXXXXXI

Step 17: Once saved, click the green back arrow

📽 E-Sys 3.18.4 - CAFD_0	000000F_005_019_005.ncd	
File Options Extras Help		
G 🗲 📄 🖬	0	
Comfort Mode	File Name: C:\E5ysData\CAF\CAFD 0000000F 005 019 005.ncd	
Expert Mode	Filter	
Editors & Viewers	Search for: Search Default Values Parameter	
₽ ₿		
FA-Editor		
_=C		
TAL-Editor		_
7	⊕ _ FI_RESESCH	
SVI-Editor		
	B I FH_ECEFIN	
SWESEQ-Editor	🗑 🧰 FH_USACANADA	
PE	B	
FSC-Editor	In the DISASHD_KL15	
-E	B CONFORTOEFFNUNG_FB	
EDL-Editor		
CAF-viewer		
s de la companya de l		
Log-Viewer	B-C KOMFORTSCHLIESSUNG_PA	
Data Handling	Values from ECU	4
External Applications		
Personal view		
	1	F010_11_09_504 F010 VIN: XXXXXXXXXXXXXXXX DIAGADR10

Step 18: Select the CAFD file that you just edited and then click "CODE FDL"



Step 19: Coding FDL (progress)

Code FDL	
Cancel Close	<<
Caf's werden gesucht	
Tal wird generiert	

Code FDL
Cancel Close <<
[CAS - 40 - cafd_0000000f-005_019_005] Transaction type: cdDeplo
[CAS - 40] finalizeECUCoding started
[CAS - 40] finalizeECUCoding finished
[] finalizeVehicleCoding started
[] finalizeVehicleCoding finished
[] finalizeTALExecution started
[] finalizeTALExecution finished
TAL execution finished
TAL-Execution finished with status: "Finished". [C207]
TAL execution finished. Duration: "20s". [C206]
Abarbeitung beendet

Step 21: Error report will open, view and click "Close" (or save if necessary)

🗳 Report - "O" Errors	\mathbf{X}
Transaktions-Report: Aktion: FDL Codieren	
CAS [40] cdDeploy Processed cafd_0000000f-005_019_005 Processed	
Save Close	

Cycle key and test for function. In my case, "0 errors" so it should work. I tested the new function and windows rolled up via remote by pressing and holding the lock button.

How to: Change Werte Values

Continuing from FDL CODING GUIDE above (after step 13)

Step 14b: This time right click on the werte value, Click "Edit"

🏶 E-Sys 3.18.4 - CAFD_00	00000F9_006_003_013.ncd	
File Options Extras Help		
3 🕘 🗧 🖻 🖥		
Comfort Mode	File Name: C/LESysData/CAFLCAFD 000000F9 006 003 013.ncd	
Expert Mode		
Editors & Viewers	Search for: graed Search	
	Storage Info Default Values Parameter	
FA-Editor		~
	B COMM_PERSONALRADIO	
TAL-Editor		
SVI-Editor		
	B CONDARY_HFP	
	B DASIS KOMBL MML LIST	
SWESEQ-Editor		
	Kommentar=Sppedvalue to deactivate Speedlock (if speed falls below this value)	
PSC-Editor		
EDI-Editor	C UF C C FUEL X Delete	=
	WALCONE_LIGHT	
\leq		
CAF-Viewer	B AUD_ROTATION Expand	
2		
	€ MORIVE_CONFIG	
Log-Viewer		
	SPRECHERWARH1	
		~
Data Handling		
External Applications	Values num ECO	
December applications	00	
Personal view		

15b: The option to change the value is in the lower window. Replace current value with new, Click the button on the right.

Rie Octore Litzes Heip Control Tools Litzest Hool Control Tools Litzest Hool Fellation Statestore Statesto	E-Sys 3.18.4 - CAFD_0	00000F9_006_003_013.ncd	
Confect Mode Confect Mode Editors & Werrers Fieldare Fieldare Fieldare Fieldare Strefter Strefter <th>File Options Extras Help</th> <th></th> <th></th>	File Options Extras Help		
Canford Mode Extern Mode Extern Mode Extern Mode<	3 🖉 😤 🖗		
Enter Mode Search for: speed Search Strage Info Default Values Parameter Filted Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Syntaxir Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Syntaxir Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Syntaxir Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Syntaxir Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Syntaxir Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Syntaxir Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Guidows, Timtow, MA Syntaxir Guidows, Max, MA Guidows, Max, MA Guidows, Max, MA Guidows, Max, MA Syntaxir Guidows, Max, MA Guidows, Max, MA Guidows, Max, MA Guidows, Max, MA Syntaxir Syntaxir Syntaxir Guidows, Max, MA Guidows, Max, MA Guidows, Max, MA Syntaxir </th <th>Comfort Mode</th> <th>File Name: C:\ESysData\CAF\CAFD_000000F9_006_003_013.ncd</th> <th></th>	Comfort Mode	File Name: C:\ESysData\CAF\CAFD_000000F9_006_003_013.ncd	
PA-Editor PA-Editor PA-Editor Stat-Editor SWESSE/Editor SWESSE/Editor FBCEGior SWESSE/Editor FBCEGior SWESSE/Editor FBCEGior SWESSE/Editor FBCEGior SWESSE/Editor FBCEGior SWESSE/Editor FBCEGior FBCEGIOCICX, XMM-MUNA FTTFE, OF, Puelt FBCEGIOCICX, XMM-M	Expert Mode Editors & Viewers	Search for: speed Search Search Storage Info Default Values Parameter	
Data Handling Values from ECU External Applications FF	FA-Editor TAL-Editor TAL-Editor SVF-Editor SVFESEC-Editor FSC-Editor FSC-Editor FDL-Editor CAP-Viewer Log-Viewer	A4A GUIDING_TIMING_KM GUIDING_TIMING_MLS COMMUSTREET_KOMBL_HUD COMMUSTREET_KOMBL_HUD COMMUSTREET_KOMBL_HUD GOTATION_WERTE_EINHETEN HUD_TINNSIGNAL SERVICE_HISTORY SECONDARY_HFP BASIS_KOMBL_MMT_LIST DOORLOCKING_AFTER_DRIVING SPEELOCK_X_KMH_MIN Momentar=Speedvalue to deactivate Speedlock (if speed fails below this value) Ausgelesen Moth_aktiv Wetze=00 Secondary_Hup Moth_aktiv Metze=00 Secondary_Hup Moth_aktiv Metze=00 Secondary_Hup Moth_aktiv Moth_aktiv Moth_aktiv Moth_aktiv Moth_aktiv Secondary_Hup Moth_aktiv Moth_aktiv Moth_aktiv Secondary_Hup Second	
External Applications FF Apply changes Ctrl-Enter	Data Handling	Values from ECU	
	External Applications	FF	Apply changes Ctrl-Enter
Personal view	Personal view		

Step 16b: Save



Step 17b: Proceed to Step 18 in the FDL Coding Guide above and follow to the end.

How to change FA (VO) in F-series car Version 8-24-2013

Connect to the car by clicking icon at the top.

		Transmission -
Comfort Mode	Vehicle Order	Vehide Profile
Expert Mode	Read Load Save Eilt	
VOM	SVT	SVT Actual
Coding		Fie Name:
AND I		Read SVT (Read (BCU) Load Sever Edit
dhg-Verification		KIS/S/T Target
1.4.4 E		T-Stee (shan, b
SC Extended		O Single Flash Construction Pro
-		1 soap (angel): • U Champele nam
TSL-Update		File Name:
THE R		Celtuinte Load Salve Edit
AV/EAT Lodate		WW-IDs from SVTextual Delext CAP for SVIE
		College
		Code Read Ciding Data Code FDL
		Costs Default Values Rend CPS
		Pill David of Tax Reserves
Hors & Viewers		
Data Handing		Filter
the low relation in the second second	126-	AT DIT Dame

Select the correct TargetSelector, e.g. F010 (not F010_DIRECT) for an F10 Select "Connection via VIN" and press the "Connect" button. (Ignore the Vehicle-Specific parameter options.)

Click OK in the popup box which appear when connection established.

Open Connection			×		
_Target					
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TargetSelector: Project=RR01_13_0	7_500, VehicleInfo=RR01		-		
_Interface					
Connection via bus:	UNKNOWN -	unknown			
Connection via gateway URL:	tcp://127.0.0.1:6801			formation	
Connection via ICOM/D-CAN:	tcp://127.0.0.1:52410			Connection established. [G168]	
Connection via ICOM/Ethernet:	tcp://127.0.0.1:50160			Show this message always.	
Connection Via VIN:	WBAFR/C59BC805569_DIAGADR 10		-		
-Vehicle-specific parameter (optional)				OK	
 Series, I-step (shipment) 			-		
Read parameters from VCM					
		Connect Cance			

Select "Expert Mode".

Click on the "Coding" tile.

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

E-Sys 3.22.5		
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Click on the "Save" button.

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Create a file name and Save it. (Note: In this example the file name is "SAT")



Click on the "Edit" button.

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File Options Extras Help		
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Coding-Verification		KIS/SVT Target
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Personal view	Actual state Target state Identical state FDL	
		F010_13_07_505 F010 VIN: WBAFR7C59BC803369_DIAGADR10

The view will automatically change to FA-editor.



Expand the FAList folder system on left until SALAPA-Element is visible. Click on SALAPA-Element to select it.

You will see the SALAPA-Elements in the window at the bottom



Delete or add Elements directly into the bottom window. In this example 205 is highlighted and will be deleted. The syntax is alpha-numeric and commas only, no spaces.



2TB has been added (and is highlighted for illustration purpose only.) Note that 205 is gone.

The syntax is to add new elements in alphabetical order.



Click on the Save Changes Icon at the upper right corner of the lower window.



The edited FA must be verified before it can be written to car. Right-click on FA and select Calculate FP.

If the FA has any errors, an error pop-up will be shown.

After FP is calculated, WITHOUT ERROR, save the new FA.



The new FA has been saved

E-Sys 3.22.5 - SAT.aml			
File Edit Options Extras H	Help		
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1	U.U		F010.13.07.504 F010 VIN: WBAFR 7C598C803369 DEAGADR 10
		11	

Select "Expert Mode" Click on the "VCM" tile. Load your saved FA file Right-click on FA and Calculate FP again.

Fort Modo	Vehicle Order (File)	X Vehicle Profile (Generated)	×	SVT	
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s & Viewers Handling Applications	-Vehicle Order File Name: C:\ESysData\FA\SAT Save As -Vehicle Profile File Name: File generated, not si Save As	.xml Edit		SVT Actual Save As Edit File Name: Save As Edit	

Select the "VCM Master" tab Click on the "Write FA FP" button. New FA will be written to the car.

E-Sys 3.22.5				
File Options Extras Help				
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What Next?

For the new FA to be used for configuring ECUs, follow these steps:

(Skip this if you have just completed the previous page) Connect => Select "Expert Mode"

(If you have just completed the previous step, or are continuing from the previous page, start here)
Click on "Coding" button.
Read FA (VO).
Activate FA (VO).
Read SVT (...
Right-Click on ECU (the ECU itself not the underlying CAFD).
Select CODE.
Repeat for all ECUs applicable to your project