UPDATE INSTRUCTIONS FOR MMI 3G

Version 1.7 Feb 2017

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BEFORE START



Caution: Use this guide at your own risk, we are not responsible

Important: Connect your car with a battery charger or leave the engine running



Important: Some users report problems when copying files from Mac OS / Linux. It's better if you use Windows for all file copy process. You can use a virtual machine for that.

We recommend: Backup your old FSC using "FSC Backup" script.

i We recommend: Read the complete guide before start, recheck all the steps and do it carefully.

THIS MEANS A PHYSICAL BUTTON > A button that you can touch with your hands

THIS IS A GREEN MENU ITEM > It indicates the path in the hidden menu

THIS IS A GREEN MENU BUTTON -> A button in the Green Menu

WHAT YOU NEED

- Firmware files
- Map files
- Activation metainfo or script
- A quality SD, Class 10 for faster (and safer) file operations.
- (Optional) VagCom cable or similar

HOW DO I KNOW WHAT SYSTEM I HAVE?

For identify your firmware:

Turn on your car Click on SETUP or MENU button Select Settings Select Version Information



With your Software Version ID you can know which system you have.

Firmware

B Nav	B is for 3G Basic
H Nav	H is for 3G High
HN+R	3G+ (3GP or 3G Plus)

Other Info

EU	Europe
US	USA
AU	Audi

Number

PXXXX	Factory installed firmware (the firmware that comes with the car)
KXXXX	Firmware updated later

USEFUL FEATURES

Reboot Your MMI

MMI 2G	SETUP + Main (Big) Button + Top Right Button		
MMI 2G (A8)	TEL + Main (Big) Button + Top Right Button		
MMI 3G	SETUP + Main (Big) Button + Top Right Button		
MMI 3GP	MENU + Main (Big) Button + Top Right Button		
MMI 3GP (A1)	SGP (A1) TONE + Main (Big) Button + Top Right Button		
RMC (A1/Q3)	BACK + Main (Big) Button + Top Right Button		
RMC (A6/A7)	MENU + Main (Big) Button + Top Right Button		
MIB	MENU + Main (Big) Button + Top Right Button		

Engineer Menu (Red Menu)

MMI 2G	SETUP + RETURN
MMI 2G (A8)	TEL + RETURN
MMI 3G	SETUP + RETURN
MMI 3GP	CAR + BACK
MMI 3GP (A1)	BACK + TONE
RMC (A1/Q3)	BACK + TONE
RMC (A6/A7)	CAR + BACK
MIB	BACK + Top Left Button

Developer Menu (Green Menu)

MMI 2G	SETUP + CAR
MMI 3G	SETUP + CAR
MMI 3GP	CAR + MENU
RMC	CAR + MENU
MIB	Not available

Take a screenshot and save it to SD

MMI 3G	<< + >>
MMI 3GP	TEL + MEDIA
RMC	<< + >>
MIB	Bottom Left Button + Bottom Right Button

You must wait until four LEDs on the soft buttons flash

UPDATING FIRMWARE

Caution:

If your system already had another activator (like Carson's one) we recommend making an emergency update **before** doing anything else. Check how to do it in the page 33

If your system had the Keldo's activator (for firmware 900) you can uninstall it if don't want to do an emergency update. Check how to do it in the page 26

Format your SD in FAT32.

Copy the root of your firmware in the SD (like picture below)



Open "Engineering Menu" (Check page 4)

A screen like this will appear



Insert the SD card with the firmware in slot 1



Press the "Update" option using the MMI Control Panel

Scroll down with the big knob and select the source in the menu (SD 1) pressing it.

Actualizar SW	Software Update
🛥 Seleccionar fuente	Download server
	CD/DVD
USB	USB
SD 1	
SD 2	SD 2
Logging Actualizat	
	Logging Update

Select the firmware pressing the big knob once



Caution: Some users report problems with Bose sound system, if you have Bose and don't know how to recode it... we recommend unselect it from list (using User-Defined Mode as explained in page 47) before update.

If you update it, you will have to visit an expert or your dealer for recode it. If you can, we recommend update it, just because it sounds better.

Select "Standard"



You will see a list with all devices that firmware will update

Scroll to bottom and press "Start Update" or "Start Download"

Loggi	Software Device se KI_57x ARU9469 DVD Telit KBD_FC7		Software update Device selection AUDI_MMI3G_ECE FSC Start update	N/A ► N/A ►
	Software	Update	Software Update	
	Device Se		Device Selection	
	ARU9469 DVD DUA130 MuIOC MuINIC	N/A > N/A D N/A D N/A D N/A D	MuTnrRef I MUConsistency	N/A D N/A D N/A D N/A D
Logging		Update	Logging	Update

Another screen appears informing you that once you start updating this must not be interrupted. Select "Start" and press the big knob.

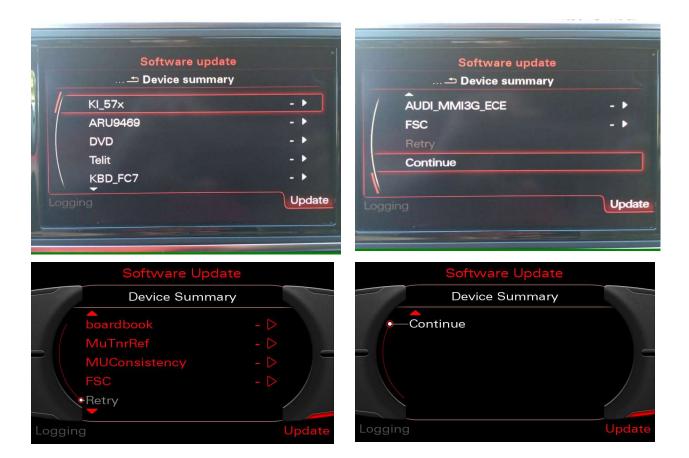
	Software Update
Software update 	USB - ECE 6.17.3 (MMI3G)
Update must not be interrupted.	Updates must not be interrupted.
Start Cancel	
Logging Update (Abort
	Logging Update

The MMI will reboot and the update process will start.



After several minutes/hours (it depends that what it has to update and the speed of your SD) the firmware update will be done

A resume with all updated modules will appear. Scroll down and press "Continue"



Select "Cancel documentation" and the MMI will reboot



UPDATING THE MAP

Optional: Removing the old map is optional. However, is highly recommendable.

Benefits are:

1

- Avoid the not removable Fault Code 03175 Invalid Data Set error
- Avoid errors while copying the map (out of size, slow write speed)
- No remains of the old map files on the new map

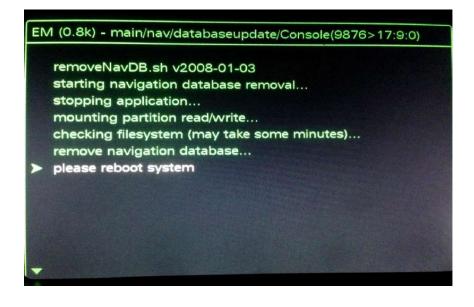
Open Green Menu (Check page 4)

Go to nav/databaseupdate

Select "Delete database (will need reboot)" and click it.



Wait until system removes the data.



When it finished reboot your MMI (Check page 4)

Open Green Menu again (Check page 4)

Go to nav/databaseupdate

Select "Delete Nav HDD partition" and click it.

<em 1.0t=""> /nav/databaseupda	te	
≻		
List HDD Database info active HDD Nav DB	[EU] 3/18	
internal region code	[EU] 2/7	
Re-check database (will ne	ed reboot)	
Delete database (will need	reboot)	
Delete Nav HDD partition		

Wait until system removes the data.



When it finished. Wait at least 30 seconds and then reboot your MMI (Check page 4)

i	SD Size : If the map doesn't fit in a 32 GB SD you can: Use 64 GB SD (or larger) Remove "pkgdb/LIT3" "LIT2" "LIT" folder if you're updating a 3GP (3G +) car Remove "pkgdb/LIT3GP4", 3,2,1 folder if you're updating a 3G Basic/High car
i	You must format your SD in FAT32 format (not ExFAT). Some users report that also works in ExFAT but we don't know if it works in all firmware versions, so, you can try it in ExFAT and if it doesn't work format in FAT
i	Some users report that may be necessary to install the map using "user defined" mode. You can try first with "Standard Mode". If map doesn't install, use the alternative mode (more instructions on page 47)
Forma	at your SD.

Copy the root of your map in the SD (like picture below)

11	Pontlau	
	Bentley	
1	MMBG	
U	MMIBGP	
1	pkgdb	
1	VW	
] build1	
] config.nfm	
Ľ	DBInfo	
jii i	metainfo2	

Open "Engineering Menu (Check page 4)

This screen will appear

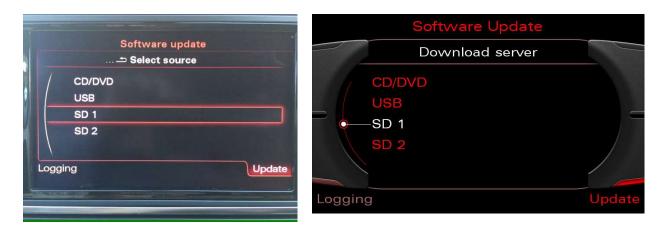


Insert the SD card with the firmware in slot 1

Press the "Update" option using the MMI Control Panel



Scroll down with the big knob and select the source in the menu (SD 1) pressing it.



Select the map pressing the big knob once



Select "Standard"

	Software Update
Software update 	USB - ECE 6.17.3 (MMI3G)
/ Standard	о—стандарт
User-defined Logging Update	User Defined
	Logging Update

You will see a list with all categories that map will update. Scroll to bottom and press "Start Update" or "Start Download"

-	Software up Device selec			tware update vice selection
	// KI_57x	N/A ►	sss	N/A ►
	ARU9469	N/A ►	FSC	N/A ►
	DVD	N/A ►	Start update	
	Telit	N/A ►		
	KBD_FC7	N/A ►		
	Logging	Update	Logging	Update
			20393	



Another screen appears informing you that once you start updating this must not be interrupted. Select "Start" and press the big knob.

	Software Update
Software update	USB - ECE 6.17.3 (MMI3G)
Update must not be interrupted.	Updates must not be interrupted.
Start	
Logging Update	• Start Abort
	Logging Update

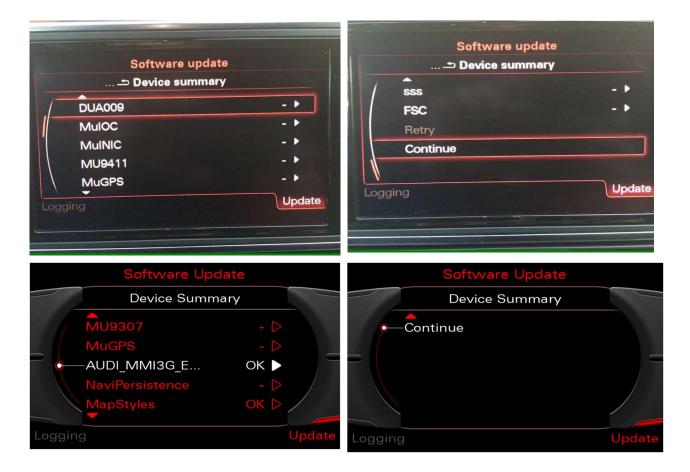
The MMI will reboot and the update process will start.

Software update I Update progress Please wait Process will continue after reboot.	I.	Software update Update progress Step 1/1 Updates 3 0 OK 0 N/A 0 NOK 1 active		
ogging	Update	Database - GDB Logging	0% Update	

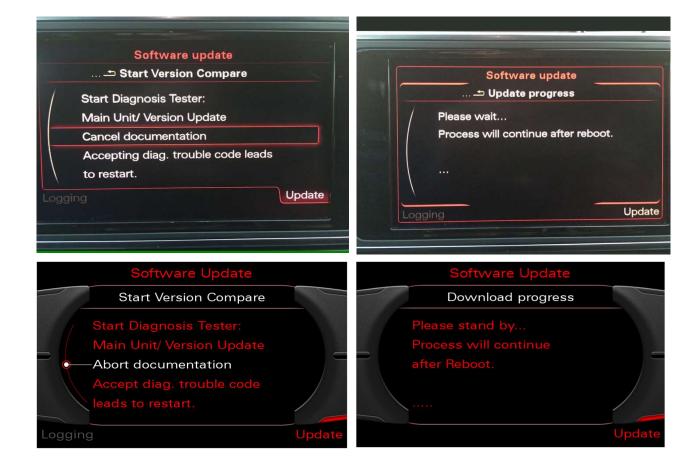


After several minutes/hours (it depends that what it has to update and the speed of your SD) the firmware update will be done

A resume with all updated modules will appear. Scroll down and press "Continue"



Select "Cancel documentation" or "Abort documentation" and the MMI will reboot



ACTIVATING THE MAP: 3G BASIC AND 3G HIGH

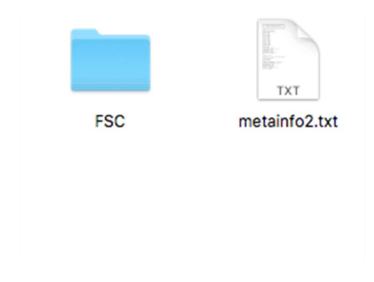


Caution: Metafile activators are usually linked to a specific firmware, please **double check** the firmware that you've in your car and the activator's one.

Format your SD in FAT32

Copy the root of your activator in the SD (like picture below)

Usually is a folder called FSC and a file called metainfo2.txt



Open "Engineering Menu" (Check page 4)

A screen like this will appear

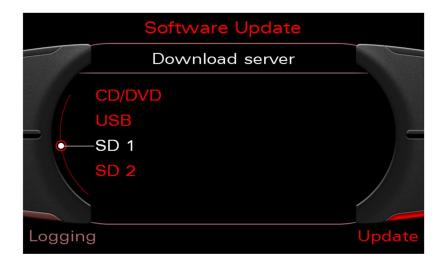


Insert the SD card with the activator in slot 1

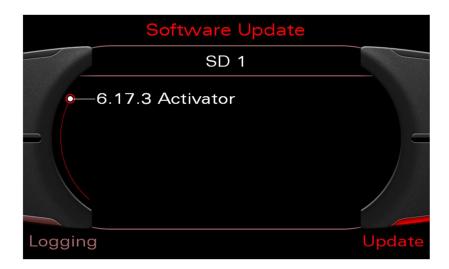
Press the "Update" option using the MMI Control Panel



Scroll down with the big knob and select the source in the menu (SD 1) pressing it.



Select the activator pressing the big knob once



Select "Standard"



You will see a list. Scroll to bottom and press "Start Update"



Another screen appears informing you that once you start updating this must not be interrupted. Select "Start" and press the big knob.

	Software Update	
	USB - ECE 6.17.3 (MMI3G)	
	Updates must not be interrupted.	=
•	Start	
	Abort	
Logging		Update

The MMI will reboot and the update process will start.



After some minutes the activator will finish copying files.

A resume with all updated modules will appear. Scroll down and press "Continue"



Select "Cancel documentation" and the MMI will reboot



Your map must be activated now.

ACTIVATING THE MAP: 3GP (KELDO'S ACTIVATOR)

Caution: There are some activators on the Internet with a modified code that will erase the flash memory maybe bricking your unit so be careful.

PREPARING THE FILES FOR THE ACTIVATOR

Format your SD in FAT32.

Transfer activator files to the SD card root:



ACTIVATING THE MAP

Caution: Do **NOT** insert the SD until MMI has fully booted

The activator only works with SD, it doesn't work with USB.
Remove all devices from car (Others SD, USB...) for avoid errors.

Start the car and **wait** until MMI is fully loaded (usually 5-10 minutes)

Make sure that MMI is fully booted (press all buttons once RADIO CAR NAV MEDIA TEL).

Wait until all options are working (no options in gray) even when all options are working wait a minute more.

Insert the SD card into the first MMI slot.

A screen will appear



Press any key (usually the one big knob)

Don't touch anything

Wait 15-60 seconds, if everything is done according to the instructions, the next screen will appear:



Remove the SD card (for avoid re-run the script) and reboot the MMI (see page 4)

Enjoy your fully activated map!

TROUBLESHOOTING

If something goes wrong, you can check your SD for a file called "install.log".

Error	Error, The FSC file was not found.
Reason	The script can't find your FSC file
Solution	Make sure that your SD has a FSC file, like "0004000B.fsc"

Error	The activation is already installed
	Auði
	The activator is already installed
	Please uninstall it first. Press any key to continue ERROR
Reason	You're installing the activator again without uninstall it first, for security activator will not run, for avoid overwriting files.
Solution	Run activator uninstall and re-run the activator again

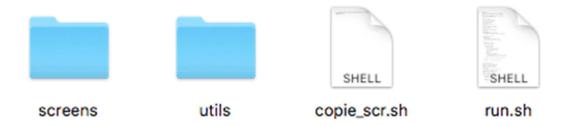
UNINSTALL ACTIVATOR (DE-ACTIVATE)

Download the uninstaller script.

PREPARING THE FILES FOR THE UNINSTALLER

Format your SD in FAT32.

Transfer uninstaller files to the SD card root:



UNINSTALLING THE ACTIVATOR

Caution: Do **NOT** insert the SD until MMI has fully booted

t The uninstall script only works with SD, it doesn't work with USB. Remove all devices from car (Others SD, USB...) for avoid errors.

Start the car and **wait** until MMI is fully loaded (usually 5-10 minutes)

Make sure that MMI is fully booted (press all buttons once RADIO CAR NAV MEDIA TEL).

Wait until all options are working (no options in gray) even when all options are working wait a minute more.

Insert the SD card into the first MMI slot.

A screen will appear



Press any key (usually the one big knob)

Don't touch anything

Wait 15-60 seconds, if everything is done according to the instructions, the next screen will appear:



Remove the SD card (for avoid re-run the script) and reboot the MMI (see page 4)

Enjoy your clean system!

ENABLE GREEN MENU (HIDDEN MENU)

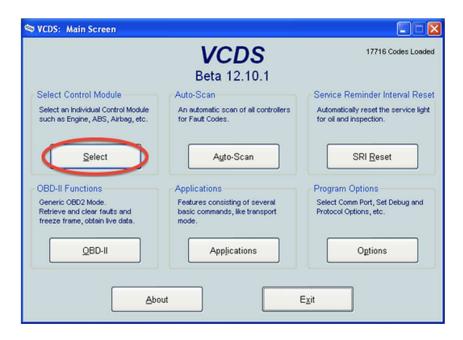
Green Menu is used for several operations. For activate it you can do it with a VagCom cable (VCDS) or using a script.

This guide is for enable green menu in 3G and 3GP but you can follow the same steps with other systems with this instructions:

MMI 2G	[07 - Control Head] => [Adaptation - 10] => Channel 8 => set to 1
MMI 3G	[5F - Information Electr.] => [Adaptation - 10] => Channel 6 => set to 1
MMI 3GP	[5F - Information Electr.] => [Adaptation - 10] => Channel 6 => set to 1
RMC	[5F - Information Electr.] => [Adaptation - 10] => Channel 5 => set to 1
MIB	Not available

ENABLING GREEN MENU WITH VCDS

Open VCDS and inside "Select Control Module" click on "Select" button



Select module "5F"

🗢 VCDS Beta 12.10.1: Select Control Module 🛛 🔀						
VCDS Select Control Module						
Installed Drivetra	in Chassis Cor	nfort/Conv. Electroni	cs 1 Electronics 2			
01-Engine	03-ABS Brakes	05-Acc/Start Auth.	06-Seat Mem. Pass			
08-Auto HVAC	09-Cent. Elect.	15-Airbags	16-Steering wheel			
17-Instruments	19-CAN Gateway	36-Seat Mem. Drvr	42-Door Elect, Driver			
44-Steering Assist	46-Central Conv.	47-Sound System	52-Door Elect, Pass.			
53-Parking Brake	56-Radio	5F-Information Electr.)	6C-Back-up Cam.			
Address Word (01-FF):	Go!	Go Back				

Click on "Adaption – 10"

🕸 VCDS Beta 12.	10.1: 5F-Information	Electr., Open Controlle	r (MMI 3G / 4E0	-035-6XX-5F.CLB) 🔀	
Comm Status IC=1 TE=0 RE= Protocol: CAN	=0	VCDS Open Controller			
Controller Info					
VAG Number:	8R2 035 670	C Component:	H-BNT-EU	H44 0524	
Soft. Coding:	Long Coding	Shop #	Imp: 123	WSC 12345	
Extra:	8R0060884AHEUR	2012 8RD919604 DU7 H	IGH 8T0919611N	E0380 Bedient	
Extra:		8R0060961C CD-Da	tabase		
Basic Function	IS These are "Safe"	Advanced	l Functions Refer to Servi	ice Manual I	
Eault Code	s - 02 Readiness	- 15 Coo	ling II - 11	<u>C</u> oding - 07	
Meas. Block	ks - 08 Advanced I	D - 1A Basic	Settings - 04 🧹	Adaptation - 10	
Supp. Codes - 18 Adv. Meas.		Values Qutpu	t Tests - 03	Security Access - 16	
Close Controller, Go Back - 06					

Enter "6" for the channel and press the "Read" button

Now inside the "New Value" field set the value to "1" and click "Test" and "Save"

N/A	N/A	N/A	N/A
Channel U	Kead		Add to Log
Stored value			
New value			
Test value			

Note that only "Save" may be available in which case you would ignore the "Test" button

Press "Done, Go Back", close the controller and quit the software

There's no need to restart the MMI, just enter the hidden menu (Check page 4)

ENABLING GREEN MENU USING A SCRIPT

The script only works with SD, it doesn't work with USB.
Remove all devices from car (Others SD, USB...) for avoid errors.

Download the "Green Menu" script

Format your SD in FAT32 and copy the script's files in the SD root (like picture below).



Make sure that MMI is fully booted (press all buttons once RADIO CAR NAV MEDIA TEL).

Wait until all options are ok (no options in gray) even when all options are ok wait a minute more.

Is the moment for insert the SD in slot 1.

Don't touch anything

After a few seconds a screen will pop up, press any key (we suggest the big knob) once



Don't touch anything again (the script are copying files and doing stuff)

After some seconds/minutes the script will finish and another screen will appear.



Remove the SD before doing anything

Reboot your MMI (See page 4)

Now you can access to "Green Menu"

ENABLE EMERGENCY UPDATE FIRMWARE 900 AND LATER

The script only works with SD, it doesn't work with USB.

Remove all devices from car (Others SD, USB...) for avoid errors.

In latest firmware versions (900 and later) the "Emergency Update" has been disabled, but using a script we can enable it again.

Download the "Enable Emergency Update" script and format your SD in FAT32.

Copy the script's files in the SD root (like picture below).



Make sure that MMI is fully booted (press all buttons once RADIO CAR NAV MEDIA TEL).

Wait until all options are ok (no options in gray) even when all options are ok wait a minute more.

Is the moment for insert the SD in slot 1.

Don't touch anything

After a few seconds a screen will pop up, press any key (we suggest the big knob) once



Wait and don't touch anything

After some seconds/minutes the script will finish and another screen will appear.



Remove the SD before doing anything

Reboot your MMI (See page 4)

EMERGENCY UPDATE (AND OPTIONAL REGION CHANGE)

Emergency update is useful if you have an activator installed (like Carson's patch) and you want to update your firmware or install another patch without problems.

We recommend: Do the emergency update with the same firmware that are currently installed.

info: "Emergency Update" is not available in firmware K900 and later, you can enable it using a script (See page 33)

Open Green Menu (Check page 4)



Important: This step is only required if you need to change the region of your car (e.g. USA->Europe)

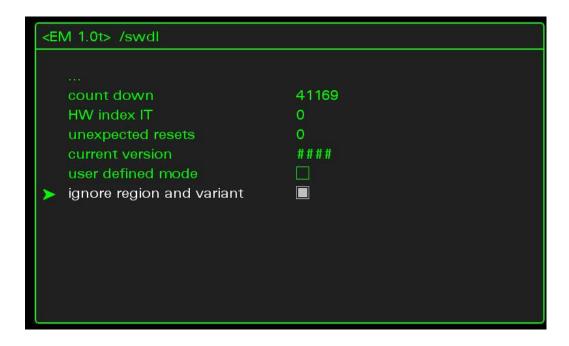
Go to system/internal

Change "internal region code" to "Rest of the world" and press return



Important: This step is only required if you need to change the region of your car (USA->Europe e.g.)

Go to swdl and tick "ignore region and variant"

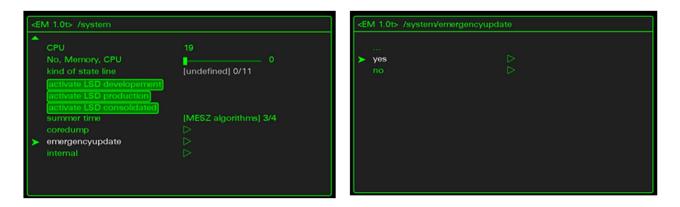


Format your SD in FAT32.

Copy the root of your firmware in the SD (like picture below)



Insert your new firmware update into the MMI unit slot SD1 Go to system and press "**emergency update**", then click "**Yes**"



Click on force an emergency update and then exit from menu to start the update.



MMI will now reboot and enter into "Emergency Update" mode.

Important: The deletion and programming processes are performed several times, until all components of the MMI have been updated. Wait until the programming process is finished and the system automatically restarts. **Your input is not necessary**. The flash tool will begin deleting all the existing flash information in this step.



Once the above step is completed the programming screen will appear



Important: Your input is not necessary; the update tool will perform everything automatically.



Info: Some users reported that "Emergency Update" only install a few (basic) functions on your MMI, while other functions (like Google Maps) are not installed.

i

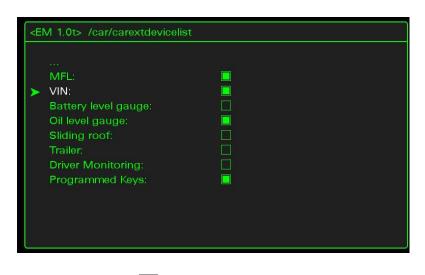
Once the MMI emergency update is completed, you will need to re-install your firmware as normal using the procedure showed in this manual for install all "secondary" functions.

SHOW VIN NUMBER IN MMI MENU

If, previously, you have disabled "show VIN in menu" (because Carson's activator) you can enable again following the next steps:

Open Green Menu (Check page 4)

Go to car/carextdevicelist and check "VIN"



Go back (click in ...)

Go to car/carmenuoperation

Scroll down to VIN and set VIN value to "5"

			
	Tyre pressure control (RDK):		5
	Wiper:		5
	Service intervall :	-	7
	Seat memory:		0
	Central lock system:		5
	Compass:		
	Charisma:		5
	Oil level gauge:		.5
>	Vehicle IdentNo activate (VIN):		5
	Clock:		7
	Suspension:		
	Headup display:		0

Exit from Green Menu with the CAR button.

Reboot your MMI (Check page 4)

REMOVE ERROR "03276 PLEASE CHECK SOFTWARE VERSION MANAGEMENT"

Open VCDS and inside "Select Control Module" click on "Select" button

	VCDS Beta 12.10.1	17716 Codes Loade
Select Control Module	Auto-Scan	Service Reminder Interval Res
Select an Individual Control Module such as Engine, ABS, Airbag, etc.	An automatic scan of all controllers for Fault Codes.	Automatically reset the service light for oil and inspection.
Select	Auto-Scan	SRI <u>R</u> eset
OBD-II Functions	Applications	Program Options
Generic OBD2 Mode. Retrieve and clear faults and freeze frame, obtain live data.	Features consisting of several basic commands, like transport mode.	Select Comm Port, Set Debug and Protocol Options, etc.
OBD-II	Applications	Ogtions
Abo		Exit

Select module "5F"

🕸 VCDS Beta 12.10	.1: Select	Control Modul	e					×
				DS rol Module				
Installed D	rivetrain	Chassis	Com	fort/Conv.	Electroni	cs 1	Electronics 2	
01-Engine		3-ABS Brakes		05-Acc/Star	t Auth.	06-5	Seat Mem. Pass	
08-Auto HVAC		9-Cent. Elect.		15-Airbags		16-5	Steering wheel	
17-Instruments		9-CAN Gateway	r	36-Seat Mer	m. Drvr	42-0	loor Elect, Driver	
44-Steering Ass	sist 4	6-Central Conv.		47-Sound St	ystem	52-0	Door Elect, Pass.	
53-Parking Brak	ke 6	6-Radio		5F-Informatio	on Electr.	6C-E	Back-up Cam.	
Direct Entry Address Word (01	I-FF):	Gol		Go B	ack			

Click on "Adaption – 10"

Comm Status			Open Controlle	r (MMI 3G / 4E0	-035-6XX-5F.CLB)	×
IC=1 TE=0 RE: Protocol: CAN	=0		Controller			
Controller Info		,				
VAG Number:	8R2 035 6	570 C	Component:	H-BNT-EU	H44 0524	
Soft. Coding:	Long Co	ding	Shop #	Imp: 123	WSC 12345	
Extra:	8R0060884AI	IEUR 2012 8	RD919604 DU7 HI	GH 8T0919611N	E0380 Bedient	
Extra:		81	10060961C CD-Dat	tabase		
Basic Function	IS These are "Safe"		Advanced	Functions Refer to Serv	ice Manual !	
Eault Code	s - O2 Readi	ness - 15	Cod	ing II - 11	<u>C</u> oding - 07	
Meas. Block	ks - 08 Advanc	ed ID - 1A	Basic S	Settings - 04	Adaptation - 10	>
Supp. Code	es - 18 Adv. Me	as. Values	Qutput	t Tests - 03	<u>S</u> ecurity Access - 16	
	[Close Contr	oller, Go Back -	06		

Enter "15" for the channel and press the "Read" button

VCDS Beta 12.10.1: 5F-Info	rmation Electr., A	daptation		
Documented adaptation cl	hannels can be sele	cted here		~
24069	N/A	N/A	N/A	
Count				
Channel 15 Stored value 0	Read	<u> </u>	Add to Log	
New value Dn Test value				
Test		Save	Done, Go <u>B</u> ack	

Copy the number in "Count" field

VCDS Beta 12.10.1: 5F-Info Documented adaptation ch				×
24069	N/A	N/A	N/A	
Count Channel 15 Dn Stored value 0 New value Up 1 Dn Test value	Read		Add to Log	
<u>T</u> est		Save	Done, Go <u>B</u> ack	

Using a scientific calculator make the next formula:

YourCountNumber ^ 51666

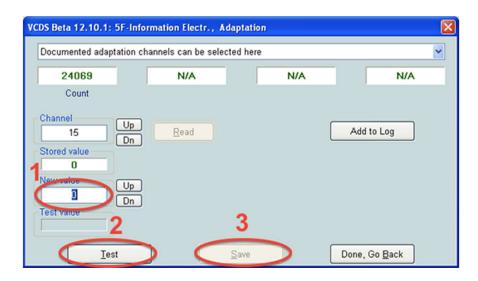
Or

YourCountNumber XOR 51666

You can also use the calculator in http://www.audienthusiasts.com/Application_SVMError.html

Now enter the result into the "New Value" field and click "Test" and "Save"

Note that only "Save" may be available in which case you would ignore the "Test" button



Exit Adaptations and return to the main screen (Click "Done, Go Back)

Click "Fault Codes – 02"

i

Comm Status IC=1 TE=0 RE= Protocol: CAN	-0	VCDS		
Controller Info- VAG Number:	8R2 035 670 C	Component:	H-BNT-EU	H44 0524
Soft. Coding:	Long Coding	Shop #	Imp: 123	WSC 12345
Extra:	8R0060884AHEUR 2012	8RD919604 DU7 HI	GH 8T0919611N	E0380 Bedient
Extra:		8R0060961C CD-Dat	tabase	
Basic Function	s	Advanced	Functions	
	These are "Safe"		Refer to Serv	vice Manual I
Eault Code				vice Manual I <u>C</u> oding - 07
Eault Code	s - 02 Readiness - 15	Cod	Refer to Serv	
-	s - 02 Readiness - 15 (s - 08 Advanced ID - 1A	Cod	Refer to Serving II - 11	Coding - 07

If you see any Faults click "Clear Codes – 05" then "Done, Go Back"

		VCDS Fault Codes	Display Fr	eeze Frame Data
Controller Info VAG Number:	8T0 907 468 D	Component:	GW-BEM 5CAN	H04 0084
Fault Codes				
No fault code fo	una.			

Now check Fault Codes one more time and the SVM error should be gone. If not, repeat the steps again.

Info: In the event you go to Channel 15 and there is no Count value, clear your errors and then go back recheck. Sometimes the count will not be present until the error is cleared. Of course the error will return until you complete all the above steps again

REMOVE ERROR "03623 - Invalid Security / Release Code"

Open Green Menu (Check page 4)

Go to dtc

changed_dtcs	\triangleright	
control		
qualified_dtcs		
show_single_dtc		
untested_dtcs		

Search and select control

Scroll search dtc to value 73 and click for select it.

Select Send test passed and click it



Check that error are cleaned

Open VCDS and inside "Select Control Module" click on "Select" button

	VCDS Beta 12.10.1	17716 Codes Loade
Select Control Module	Auto-Scan	Service Reminder Interval Rese
Select an Individual Control Module such as Engine, ABS, Airbag, etc.	An automatic scan of all controllers for Fault Codes.	Automatically reset the service light for oil and inspection.
Select	Auto-Scan	SRI <u>R</u> eset
OBD-II Functions	Applications	Program Options
Generic OBD2 Mode. Retrieve and clear faults and freeze frame, obtain live data.	Features consisting of several basic commands, like transport mode.	Select Comm Port, Set Debug and Protocol Options, etc.
<u>O</u> BD-II	Applications	Options
Abo		Exit

Select module "5F"

🕸 VCDS Beta 12.10.1: S	elect Control Module		
		DS htrol Module	
Installed Drivetra	in Chassis Co	mfort/Conv. Electronic	cs 1 Electronics 2
01-Engine	03-ABS Brakes	05-Acc/Start Auth.	06-Seat Mem. Pass
08-Auto HVAC	09-Cent. Elect.	15-Airbags	16-Steering wheel
17-Instruments	19-CAN Gateway	36-Seat Mem. Drvr	42-Door Elect, Driver
44-Steering Assist	46-Central Conv.	47-Sound System	52-Door Elect, Pass.
53-Parking Brake	56-Radio	5F-Information Electr.	6C-Back-up Cam.
Direct Entry Address Word (01-FF):	Gol	Go Back	

Click "Fault Codes – 02"

Comm Status IC=1 TE=0 RE Protocol: CAN	-0 -	/CDS		
Controller Info VAG Number:	8R2 035 670 C	Component:	H-BNT-EU	H44 0524
Soft. Coding:	Long Coding	Shop #	Imp: 123	WSC 12345
Extra:	8R0060884AHEUR 2012	8RD919604 DU7 HI	GH 8T0919611N	E0380 Bedient
Extra:		8R0060961C CD-Dat	abase	
Basic Function	S These are "Safe"	Advanced	Functions Refer to Ser	vice Manual I
		Cod	ing II - 11	<u>C</u> oding - 07
Eault Code	s - 02 <u>R</u> eadiness - 15		ing in th	
Eault Code			Settings - 04	Adaptation - 10
-	ks - 08 Advanced ID - 1A	Basic S		Adaptation - 10

If you see any Faults click "Clear Codes – 05" then "Done, Go Back"

		VCDS Fault Codes	Display Fr	eeze Frame Dat
Controller Info VAG Number:	8T0 907 468 D	Component:	GW-BEM 5CAN	H04 0084
Fault Codes				
No lault code lo	ullu.			

Now check Fault Codes one more time and the 03623 error should be gone. If not, repeat the steps again.

USER DEFINED UPDATE

Sometimes things go wrong and maybe the update is not completed. When this happen you can use the "User Defined" mode for make a manual selection of what upgrade or install.

This is also useful for some Bose audio users that want to update all functions in MMI except Bose modules (Bose updating sometimes will trigger "component protection" and you will need to recode the unit).

For enable this mode:

Open Green Menu (Check page 4)

Go to swdl and tick "user defined mode"



Don't reboot, just exit with any button (I usually use RADIO)

Proceed with firmware-upgrade as normal.

When the update starts, you can select "User Defined" instead of "Standard"

Software Update		
Standard		
Benutzerdefiniert		
Logging	Update	

And now you can select every module manually.

	Software Update				
	🛥 MulOC - Main				
	Bootloader				
	(818 -> 816)				
	Applikation	V			
	(1043 -> 839)				
	Bootloader nur zusammen mit 🕶				
Loggi	ng	Update			

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And of course, thank you for read this :)