By Congo – written Q3 2022

FUNCTION ACTIVATION INSTRUCTIONS FOR MST2

Contents

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How to use

Update like simple software update.

If you are unsure don't touch a thing, it will work!

Supported versions: Almost any 2xx 6xx 8xx 9xxx

If you create addFecs.txt in the common folder then fecs will be added as FSC files (if missing). Supported FEC's with the Fec container patch - any defined in addFecs.txt

If you don't use the addFecs.txt then exception list will be used which is good for all options except SportHMI. Supported FEC's with the EL patch - 00030000, 00040100, 00050000, 00060100, 00060200, 00060300, 00060800, 00060900, 00060b00, 00070200, 00070400 ,09400003 (Still ok for Navi)

If your unit does not have FEC's at all but you want to be as close as possible like original then you can create two files in the common folder.
Filename VCRN and put VCRN as it is seen in 0x3C0A (15370). (There is *VCRN.dummy* just as underline example, you still need to rename it if you want to use it)
Filename VIN and put VIN in clear text in it. (There is *VIN.dummy* just as underline example, you still need to rename it if you want to use it)
You can see some examples in the common folder - VCRN.dummy and VIN.dummy files.

If the software of your unit is not supported then the activation process will create new files on the SD FW_VER_rev.tar.gz Send that to me or Duke and support will be added, or update to supported version and reinstall the activation.

This activation also enables the option to automatically runs scripts from SD card. To use that prepare SD card with a file called delphi.sh on it. Remove any SD cards from the unit and insert the SD card with the script in slot 1 (SD1) or slot 2 (SD2) then restart the MMI. On start up unit will wait for 10 seconds incase SD2 is used and execute the script. As part of the installation the UART console input will also be enabled.

This activation is only for MST2 systems made by Delphi installed in Audi and VW vehicles.
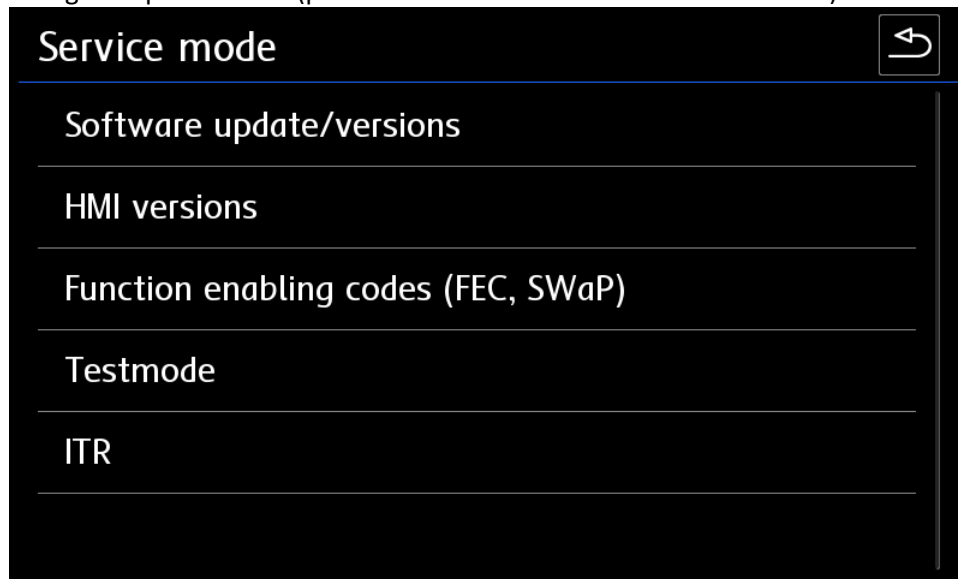

Pre-requisites

Empty SD card 8-32GB
Put the contents of the SD_ACT.zip on the SD card so it looks like this.

📁 [...]
📁 [common]
📁 [EXCEPTION_LIST]
📄 metainfo2

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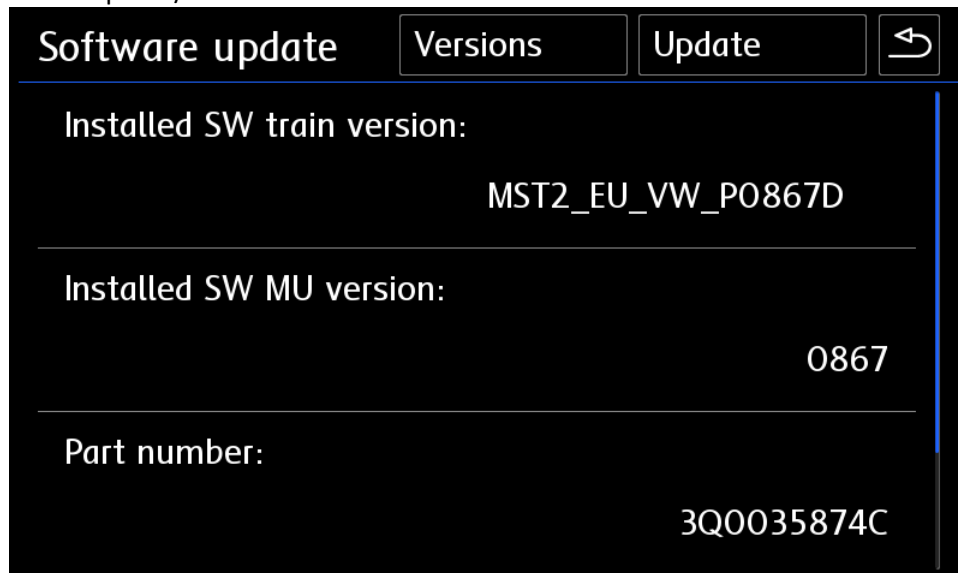
Activate

Start MMI and go in update menu (press and hold menu for at least 10 seconds)

Select "Software update/versions"
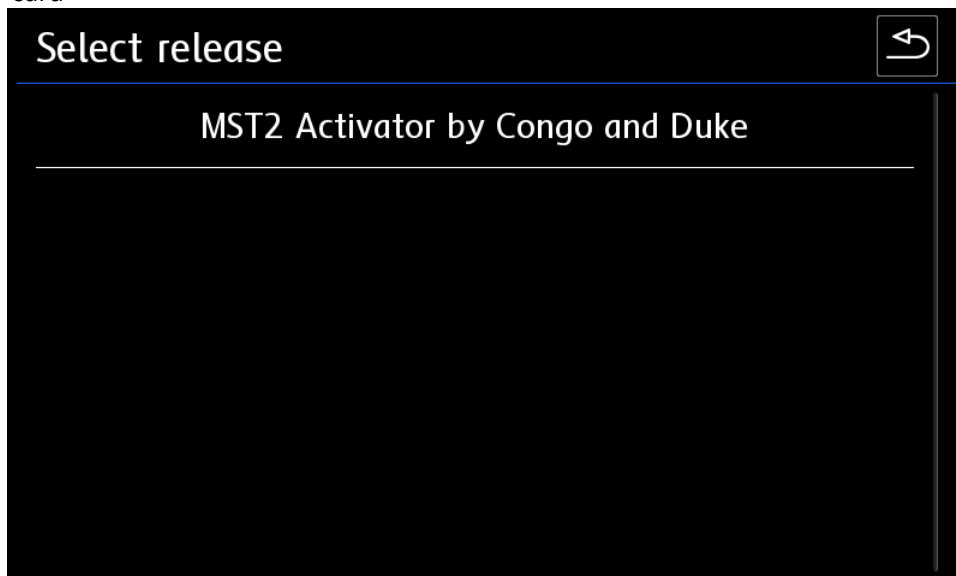

Insert the prepared SD card in the MMI system and select "Update".

Activate

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Select source

CD

USB device

SD card

Select "SD card"

Select release

MST2 Activator by Congo and Duke
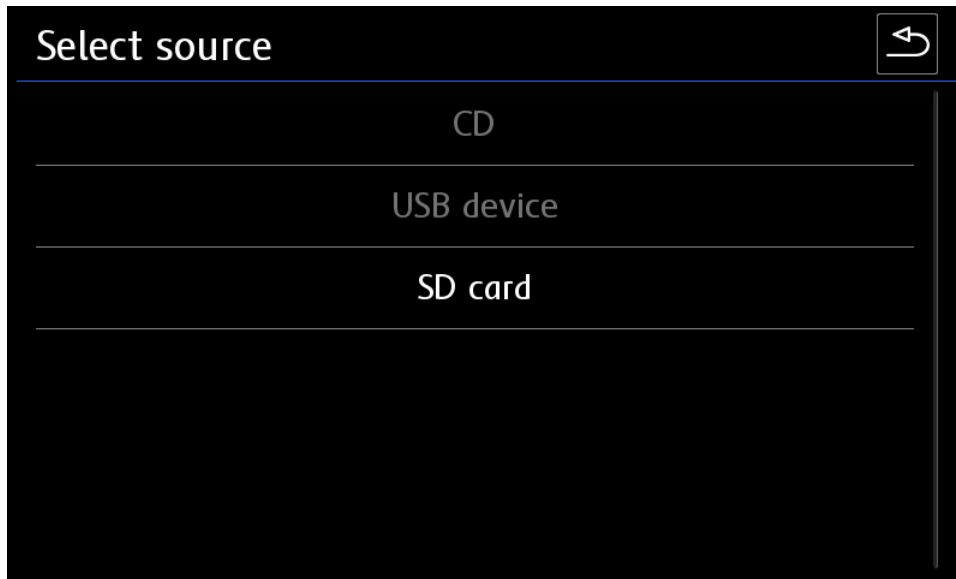
On some older versions you might see this instead

Select release

step1_miniRESTART

MST2 Activator by Congo and Duke

Select "MST2 Activator…."

Select device		Start	�
AP_FLASH			N/A
AP_MMC			N/A
78KOR			N/A
INIC			N/A
DUV101			N/A
FC1H49xE			N/A

Normally you will see the screen above but on older units you might see the screen bellow. Just leave it as it is and don't touch anything in ALPS_BT. It will be fine.

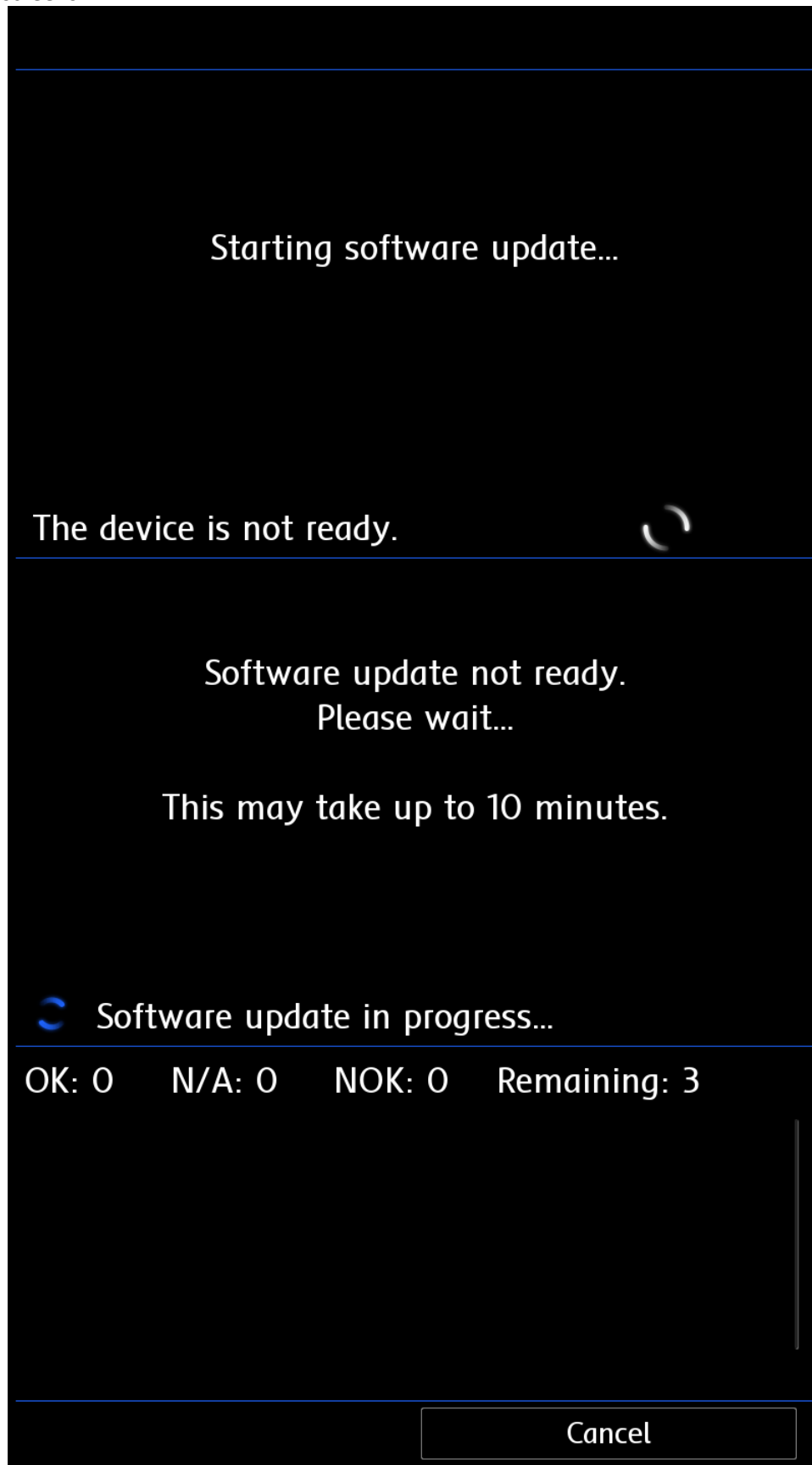| Select device		Start	�
AP_FLASH			N/A
AP_MMC			N/A
78KOR			N/A
DUV612			N/A
ALPS_BT			D
EXCEPTION_LIST			Y

Select "Start".

> Please note: updating the
> software may take longer
> than 60 minutes to complete.
> Please do not interrupt the
> power supply and do not
> start the engine.
>
> Cancel   Next

Select "Next" and wait. MMI will reboot 2 times during the process. You might see some of the following screens.

Starting software update...

The device is not ready.

Software update not ready.
Please wait...

This may take up to 10 minutes.

Software update in progress...

OK: 0   N/A: 0   NOK: 0   Remaining: 3

Cancel

2015-02-01 07:06 ↰

ALPS_BT   -

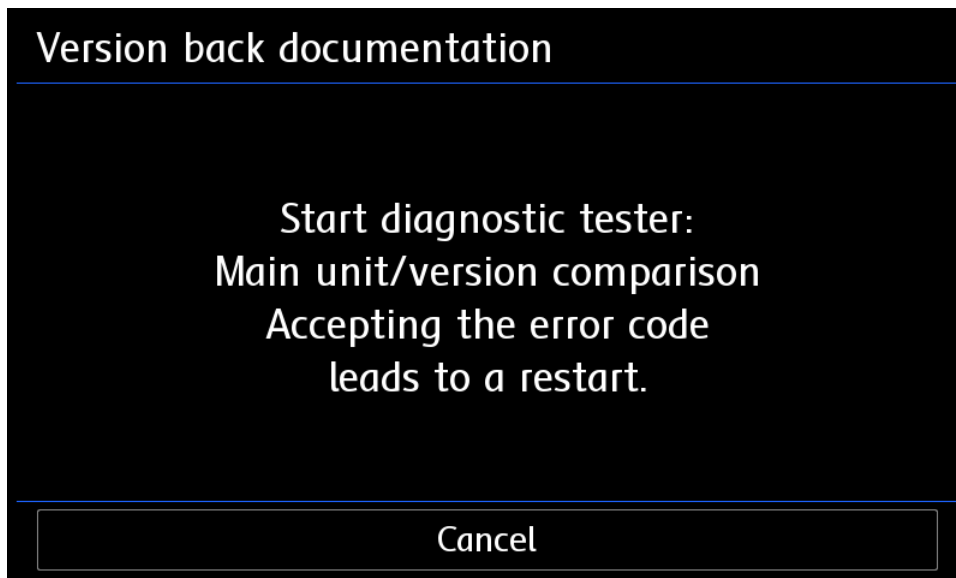GPSReceiver   -

AppConnect   -

EXCEPTION_LIST   OK
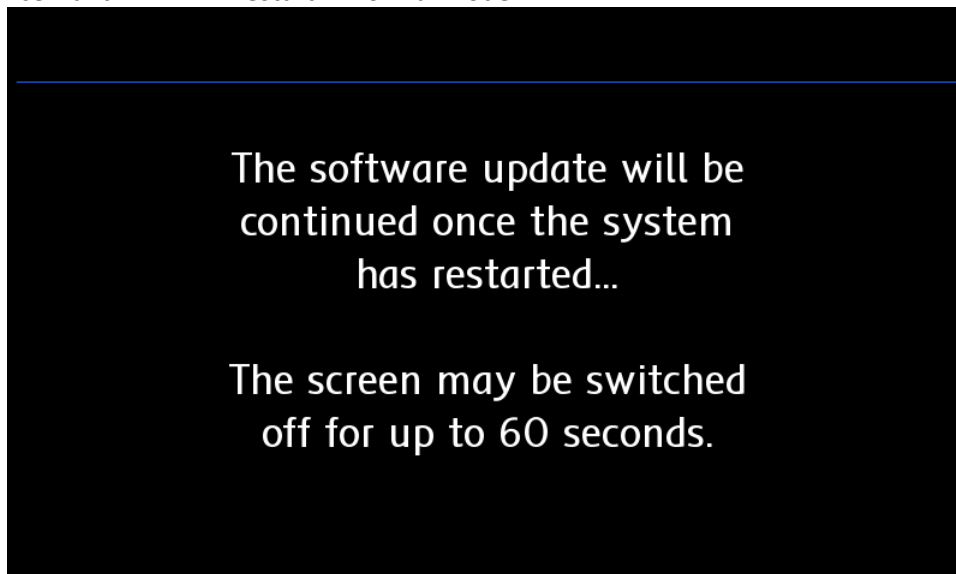
PersonalPOI   -

SpeechData   -
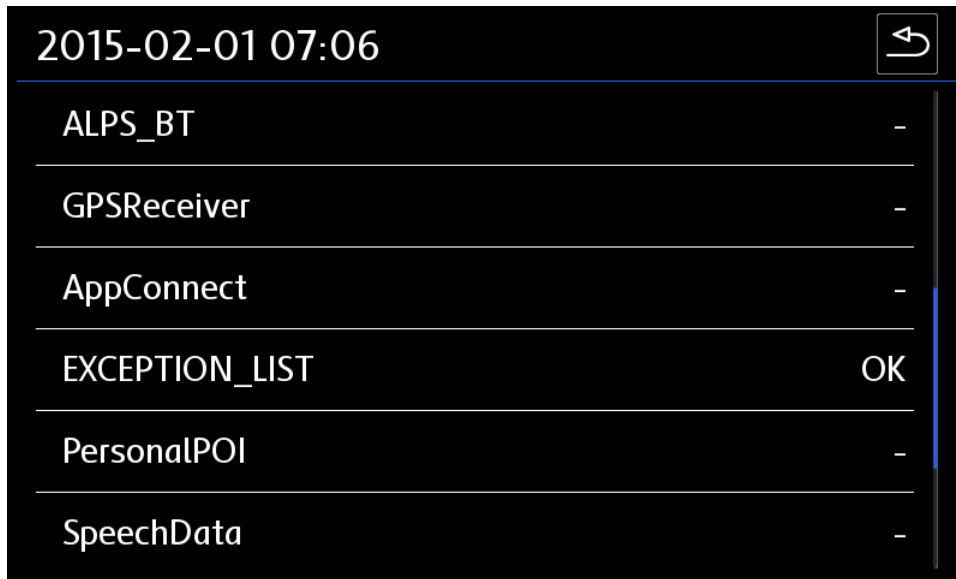
After the last update the MMI will show you summary screen. Select the back button on top right corner.

Version back documentation

Start diagnostic tester:
Main unit/version comparison
Accepting the error code
leads to a restart.

Cancel

Select "Cancel" and MMI will restart in normal mode.

The software update will be
continued once the system
has restarted...

The screen may be switched
off for up to 60 seconds.

Troubleshooting

If for some reason the process does not go as described then contact us with details. Any information like update log, list of actions, photos, contents on the SD when the error happened will be useful.

Troubleshooting