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# ACT Tuner Manual v2.0

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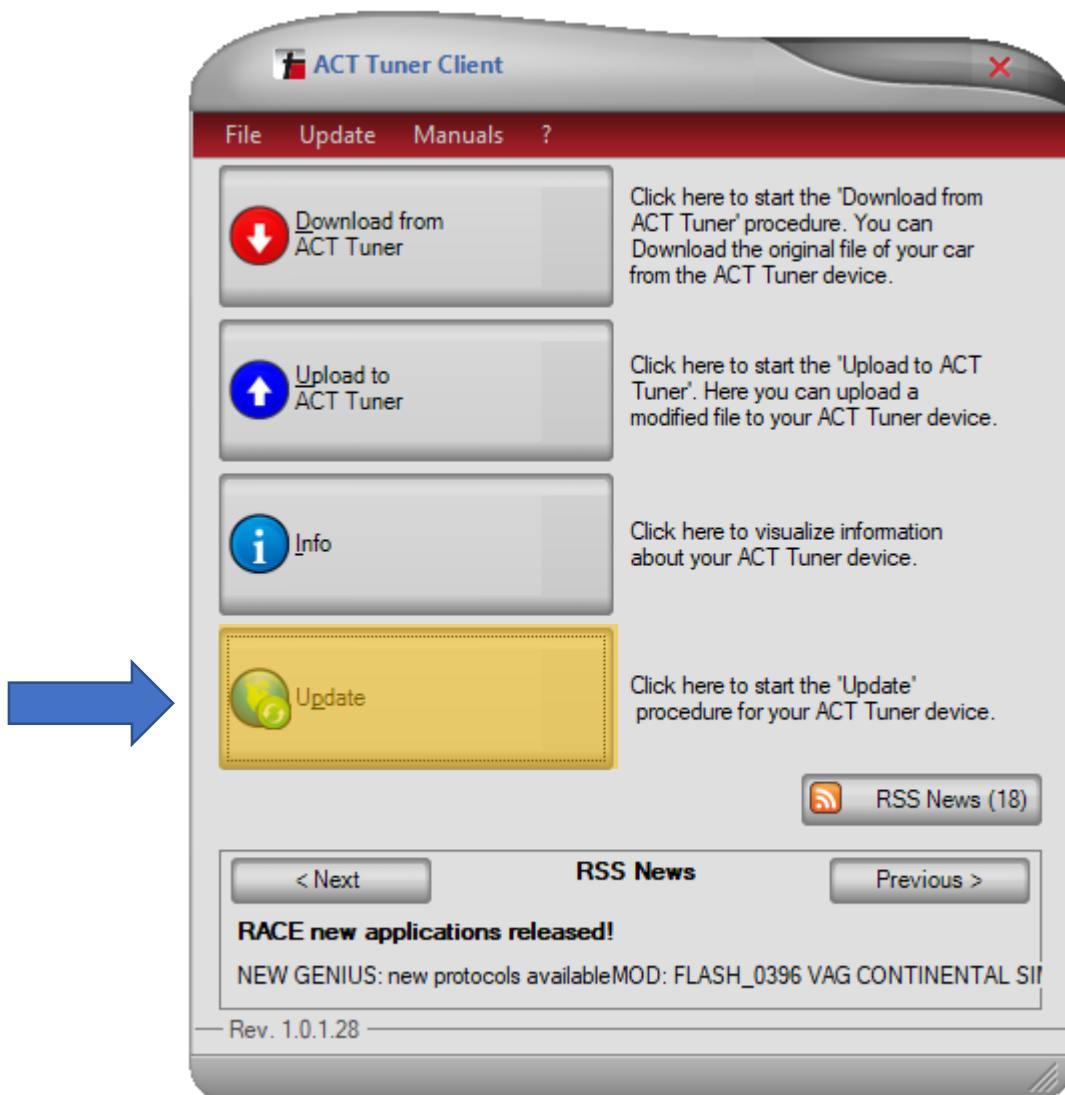
## Table of contents

<b>Setup, connections and update</b>	<b>2</b>
<b>Searching for the right protocol (Automatic)</b>	<b>3</b>
<b>Searching for the right protocol (Manually)</b>	<b>6</b>
<b>Reading the ECU (Engine Control Unit)</b>	<b>9</b>
<b>Programming the tuning file</b>	<b>13</b>

## Setup, connections and update

To work with the ACT Tuner following steps must be done.

- Install the client program from the USB stick. (included in the package from the device)
- Connect the programmer to PC with USB.
- Start the ACT Tuner program and click „**Update**“.



## SEARCHING for the right protocol (Automatic)

- After finishing the update, disconnect the USB and read the vehicle via OBD.

The ACT Tuner use the new **automatic identification** for following brands: **VW, AUDI, SEAT, SKODA, PORSCHE, BMW, MINI, MERCEDES, SCANIA, JOHN DEERE**. It searched automatic the right protocol for you. If you haven't one of these brands, skip the automatic protocol and proceed on the manually protocol page 6. On the **other brands** the right protocol must be selected **manually**.

### AUTOMATIC PROTOCOL IDENTIFICATION:

The screenshot shows three sequential menu screens. The first screen is titled 'MAIN MENU' and lists 'WORK', 'RESET', 'SETUP', and 'INFO'. The second screen is titled 'IDENTIFICATION' and lists 'PRT IDENTIFY', 'SETUP', and 'BACK'. The third screen displays a warning: 'Warning! Please connect your vehicle to a stabilized battery' with an 'OK' button at the bottom.



**AUTOMATIC PROTOCOL**

Switch on the dash-board,  
check the connections and  
press OK to continue

**OK** ESC

Wait:  
starting  
communication.

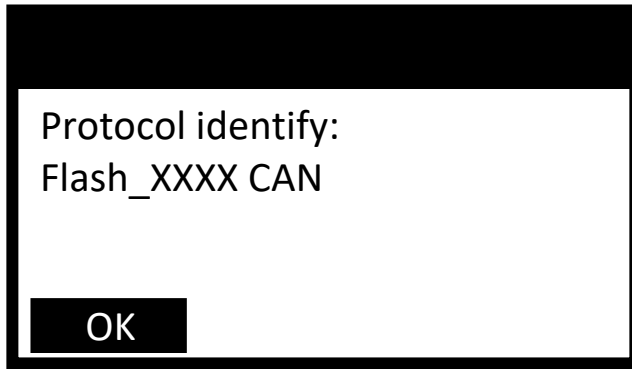
Identification ECU:  
communication in  
progress...

Switch off the dash-board to  
continue

**OK**



# AUTOMATIC PROTOCOL



Now the right protocol was found and saved. Now it's possible to "READ" or "ID" on the ACT Tuner device.

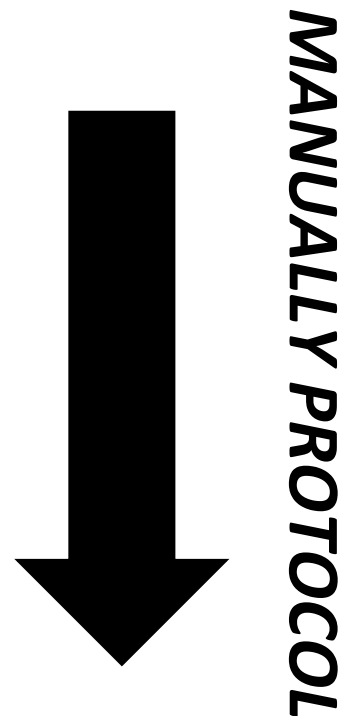
***PROCEED ON PAGE 9 FOR READING OR ID***

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## SEARCHING for the right protocol (Manually)

- After finishing the update, disconnect the USB and read the vehicle via OBD.
- Continue on the device. Now the right protocol must be selected manually.  
Search your Brand, Model, Type and the right ECU.

<b>MAIN MENU</b>
<b>WORK</b>
RESET SETUP INFO
<b>BRAND</b>
<b>CASE IH</b>
FENDT NEW HOLLAND Stavr
<b>MODEL</b>
<b>OPTUM CVX</b>
PATRIOT PUMA QUADTRAC
<b>TYPE</b>
<b>270 6.7L 270HP EDC17CV41</b>
300 6.7L 300HP EDC17CV41



Warning!  
Please connect your vehicle  
to a stabilized battery

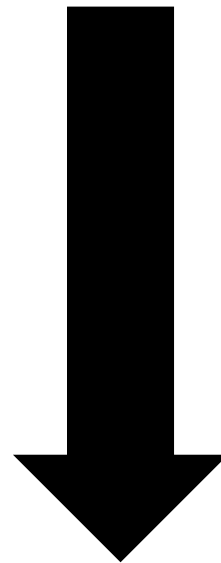
OK

Switch on the dash-board,  
check the connections and  
press OK to continue

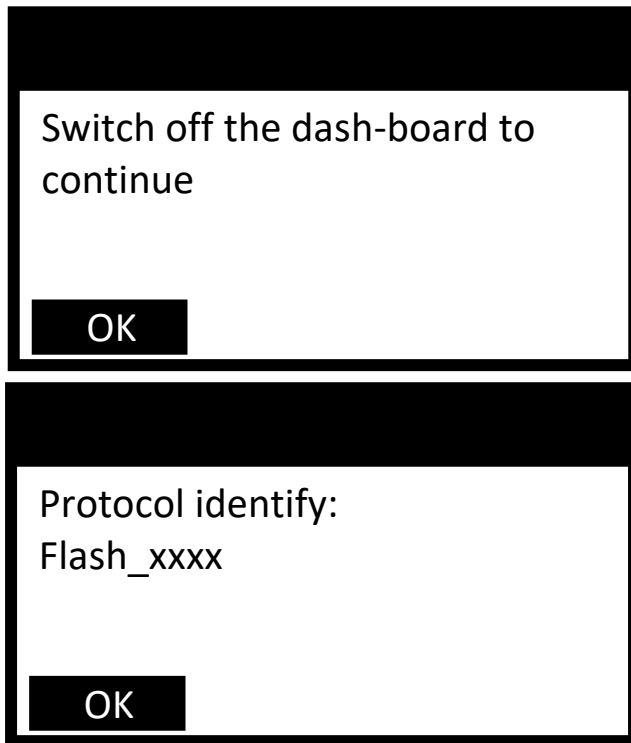
OK ESC

Wait:  
starting  
communication.

Identification ECU:  
communication in  
progress...



**MANUALLY PROTOCOL**



**MANUALLY PROTOCOL**

Now the right protocol was found and saved. Now it's possible to "READ" or "ID" on the ACT Tuner device.

***PROCEED ON PAGE 9 FOR READING OR ID***

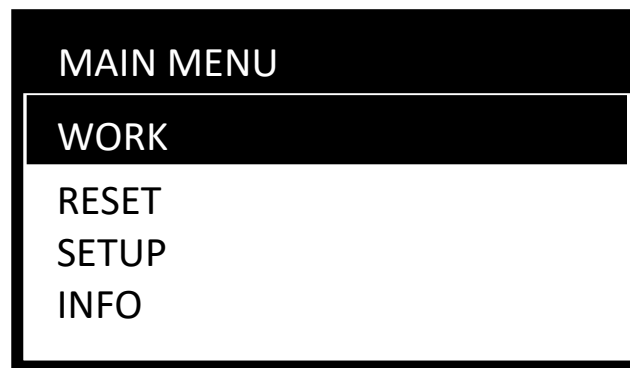
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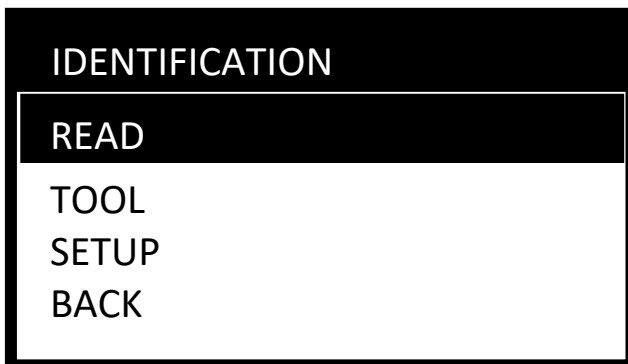
## READING the ECU (Engine Control Unit)

Ok, now the right protocol was found and you can proceed with "READ" or "ID" on the ACT Tuner device.

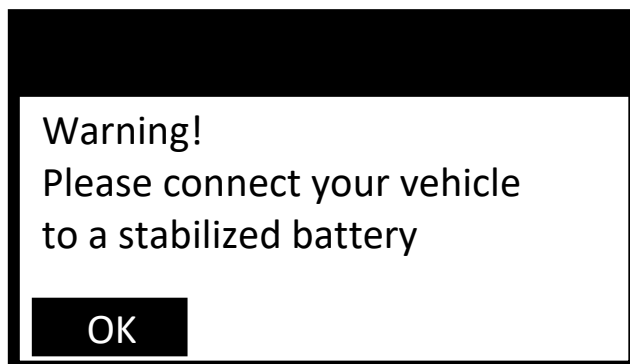
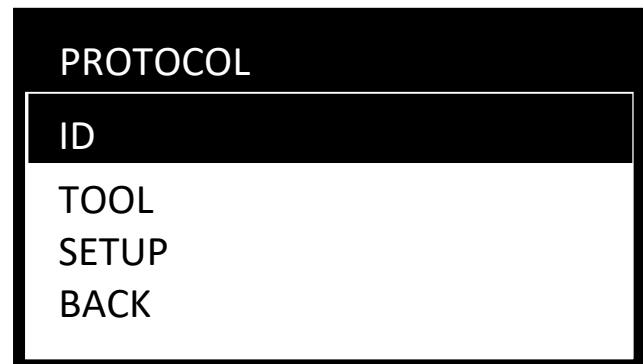
On some brands you get the full readout from the ECU with "READ" and on some only the "ID". Continue on the ACT Tuner. The display shows "READ" or "ID".

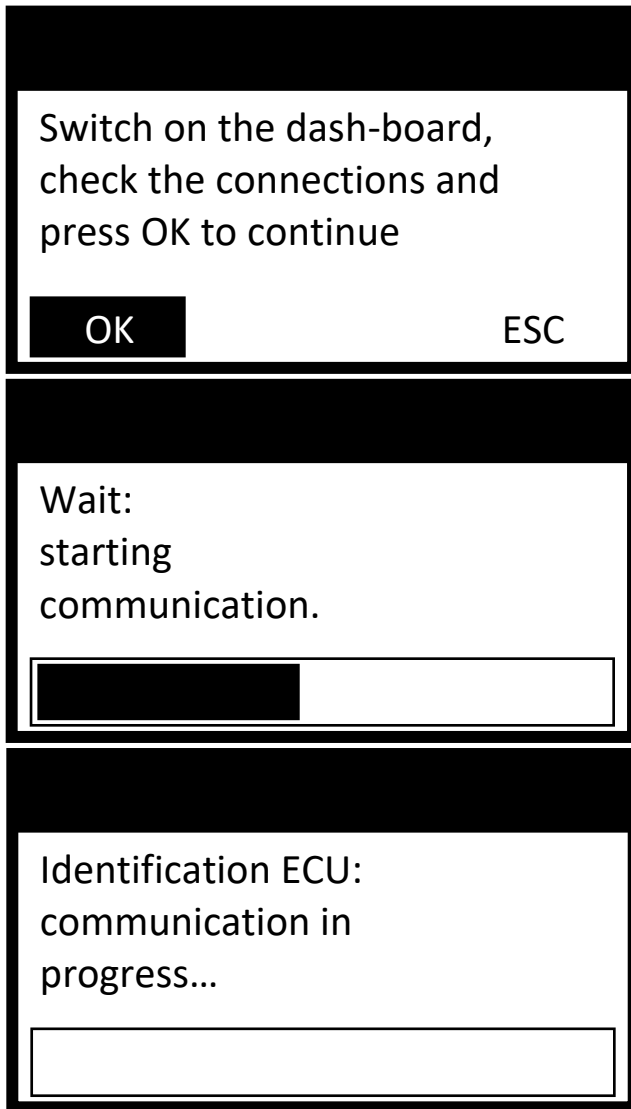


**READ**



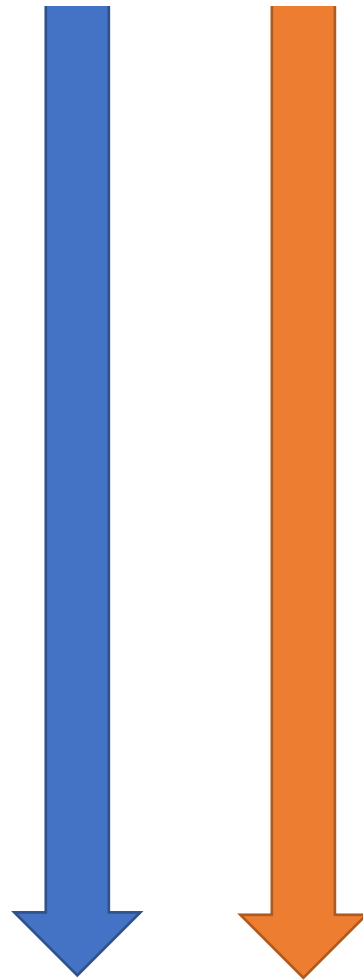
**ID**





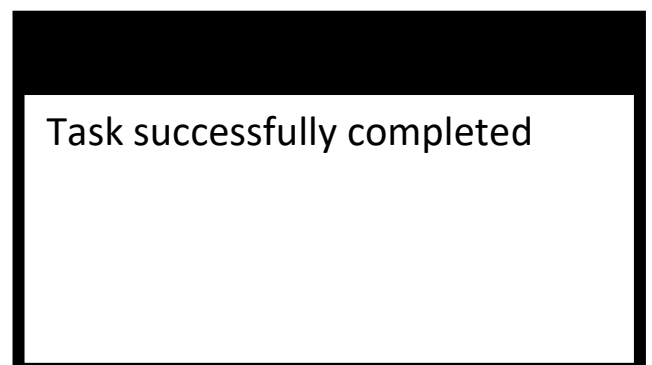
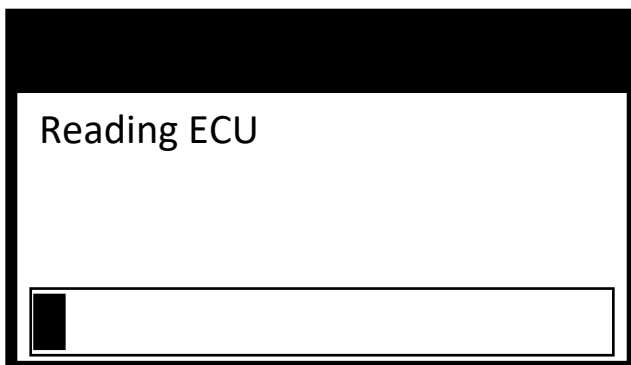
**READ**

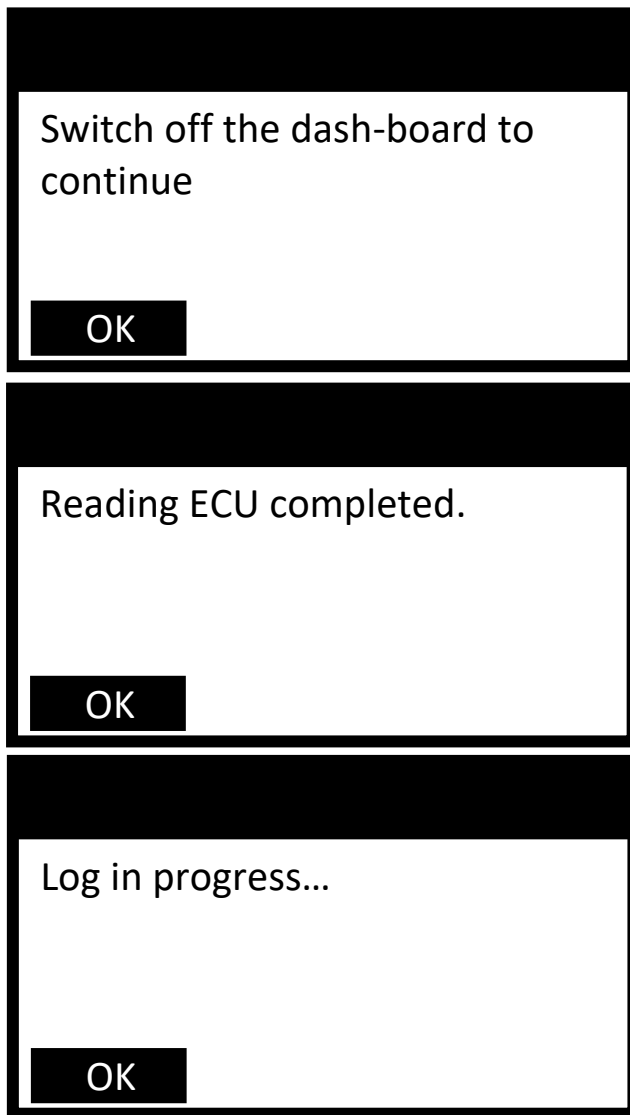
**ID**



**READ**

**ID**





**READ**



If the readout "READ" or "ID" was ok it will be shown on the display and saved on the device, disconnect the ACT Tuner from the vehicle and connect it back to the ACT Tuner client program.

**Download** the software from the ACT Tuner, save it on the PC and send it with all important informations (**Brand, Type, Model, Engine, HP, Year, and request**) to [support@allcartuning.com](mailto:support@allcartuning.com)



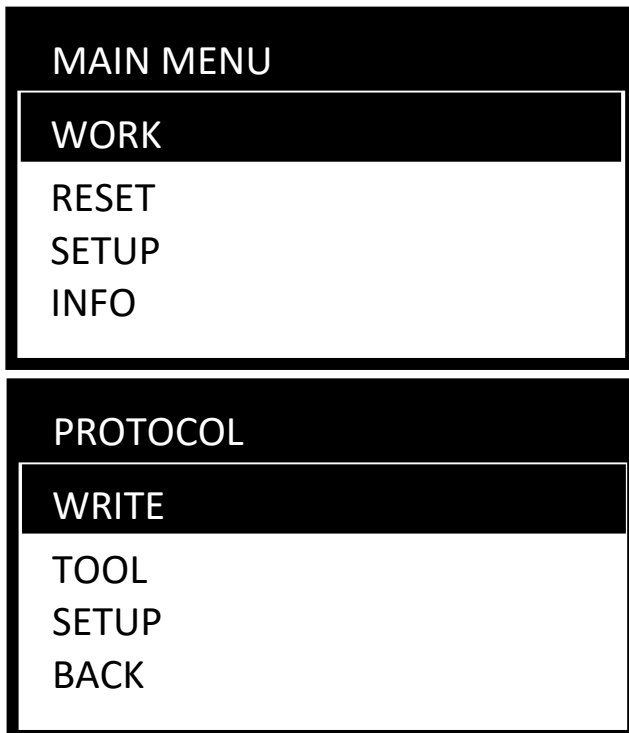
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Mail: [info@allcartuning.com](mailto:info@allcartuning.com)  
Author: Dominik Koppelhuber



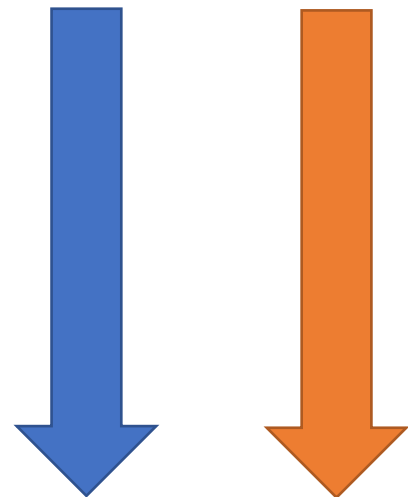
## Programming the tuning file

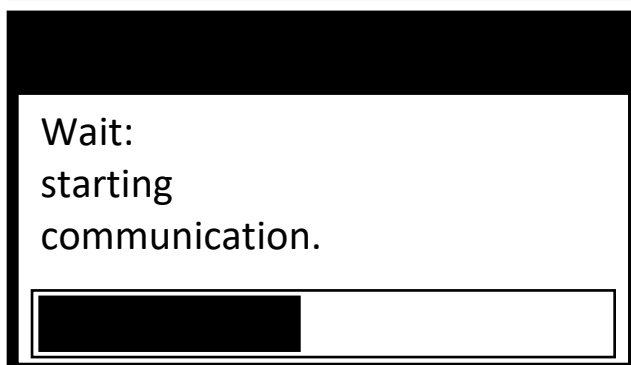
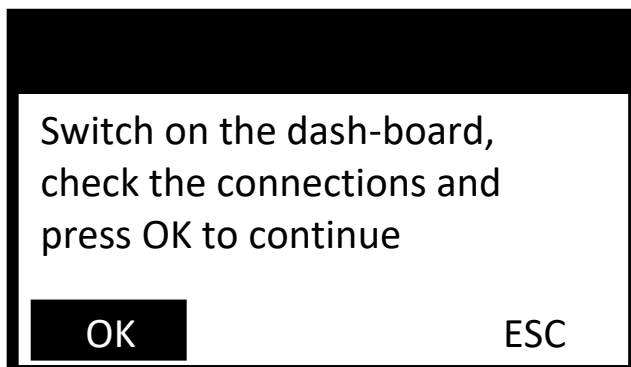
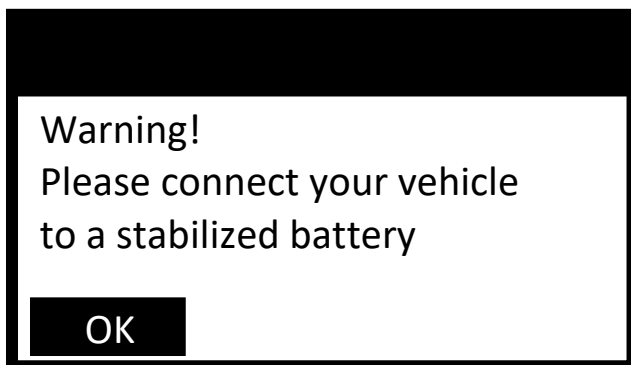
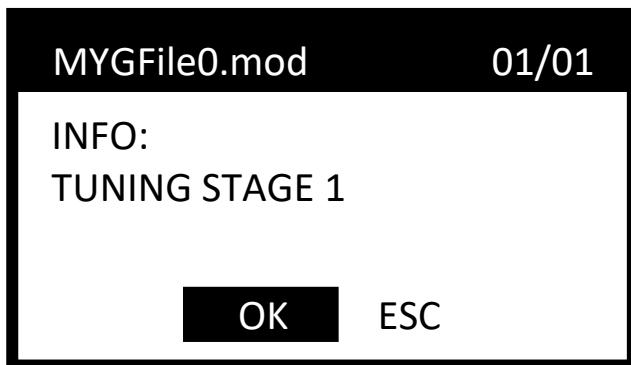


- After approximately 30-45 min the tuning file will be finished and you receive it back via E-Mail.
- Upload the mod file to ACT Tuner and write it to the vehicle. If 2 mod files are requested you can select between them on the device.

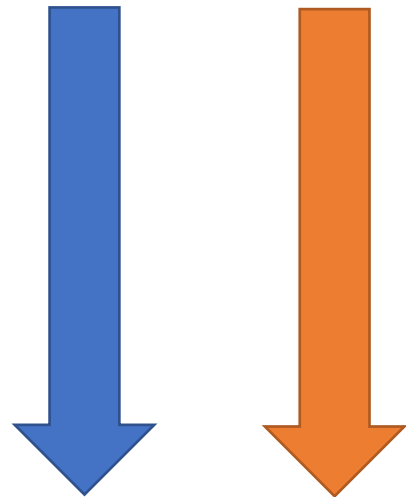


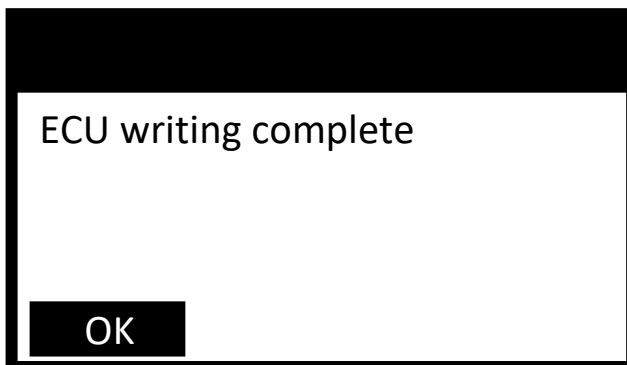
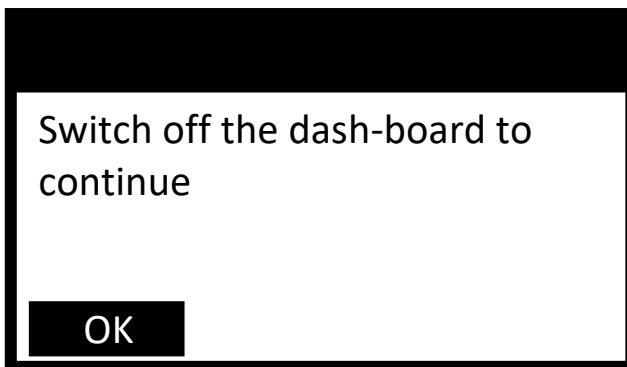
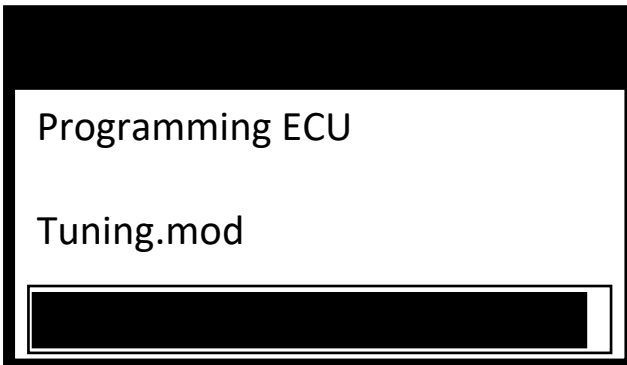
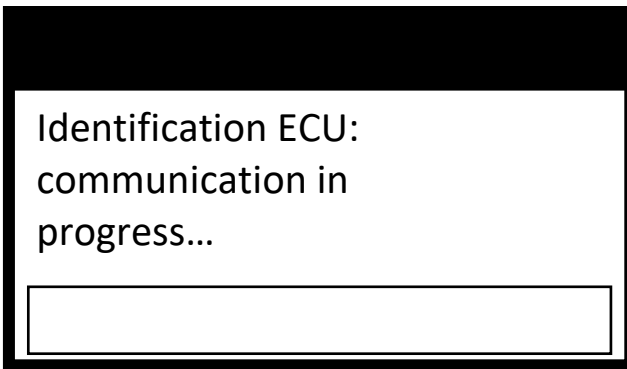
## PROGRAM TUNING FILE



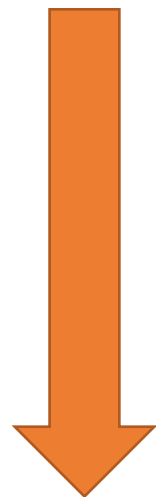
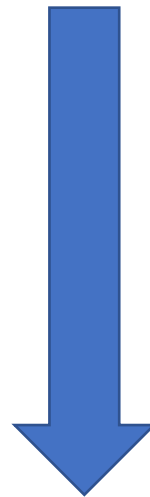


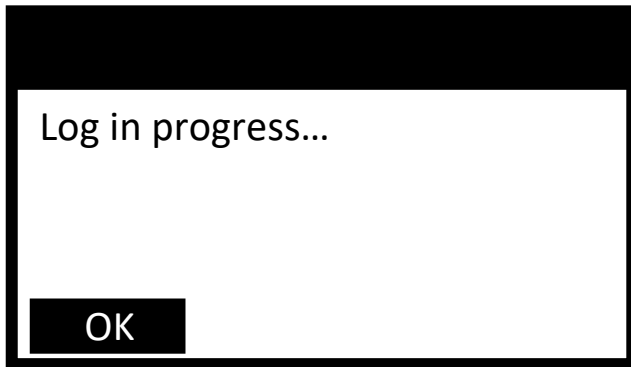
## PROGRAM TUNING FILE





## PROGRAM TUNING FILE





**FINISH**

Now the tuning file was successfully written into the ECU.  
Disconnect the ACT Tuner device from the vehicle and do a testdrive.