

This is an unofficial Modification to your Tipo, and as such I cannot be held liable for any malfunctions and / or damage to your car might bring, following the execution of this procedure. Whoever runs this must be aware of the risks run and take responsibility. This procedure could void the car's warranty and certainly infringe the intellectual property rights of FCA, so keep in mind what you are about to do. ***

That being said, if you do have a problem please contact me and I will see if I can help you fix it.

Activate Android Auto and Apple Carplay on Fiat Tipo 2015 produced 1 April 2017 and onwards with Uconnect 7". This procedure may also work on 500L but somebody will have to find the PROXI changes themselves, by comparing a car with and without Android Auto / CarPlay.

To perform the you will need:

- . Updated Uconnect 7 Firmware (download below if needed)
- . OBD Elm327 High Speed Adapter (good quality one) OR the CANTieCAR Interface
- . Fiat Blue OBD Adapter
- . MultiECUScan 4.2 or later installed and setup (probably works even earlier)

The firmware, can be found:

<https://mega.nz/#F!pB4CmSKB!E8QQZDI5jxlQ6lqg3Ntctg>

The download file is VP2R7_357_23.00.69.00.zip

Updating the uConnect:

Once downloaded, unpacked on to a USB key formatted in FAT32

Start your Tipo (can be just ignition)

Plug the update USB into the car's USB port

You will be asked if you want to upgrade to the new version – You do

The update process will take approximately 30-40 minutes during which a bar will show the percentage of update performed.

If there is no bar after several minutes, repeat the procedure with a fresh USB.

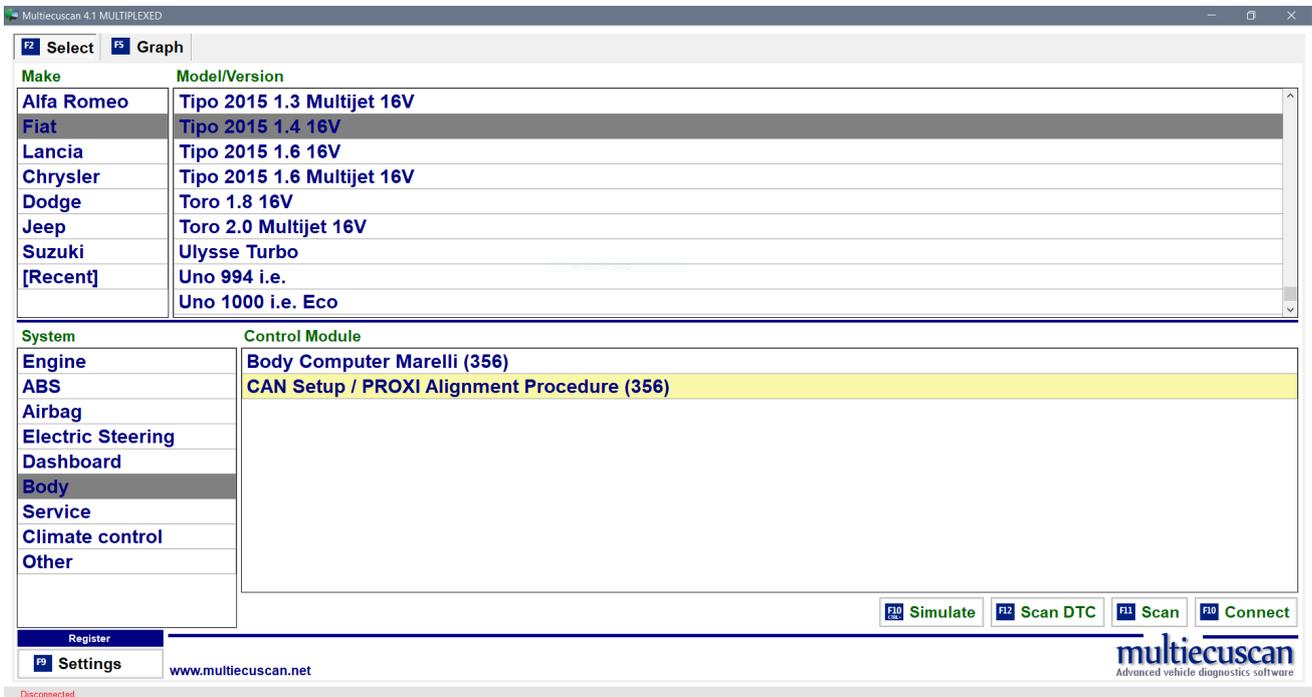
If still no go, it means that the firmware is already updated.

Now for the “fun part”:

Once you have all the cables, installed the drivers, multiECUScan on the PC and the latest firmware on the uConnect, you can proceed with the activation.

I am not going to cover setting up MultiECUScan, as there are many great guides out there, I use a CANTieCAR interface and have found it to be great.

- Start MultiECUScan, Plug in the OBD adaptor (without Blue adapter), Turn Ignition On
- Select your car (eg: Tipo 2015 1.4 16v)
- Select the “Body” System and “CAN Setup / PROXI Alignment Procedure (356)”



➤ Take a deep breath and click “Connect”.... After a few seconds MultiECUScan should connect and you get a message telling you that there are no alignment problems with the car.

*****If you have Alignment Problems, it may be sensible to fix them before enabling CarPlay*****

- Select the Adjustments tab at the top of the screen or press F7
- Now press “Ctrl + Alt + C” to access the “Custom PROXI” Screen, this is the entire configuration of the car in the form of hexadecimal bytes.

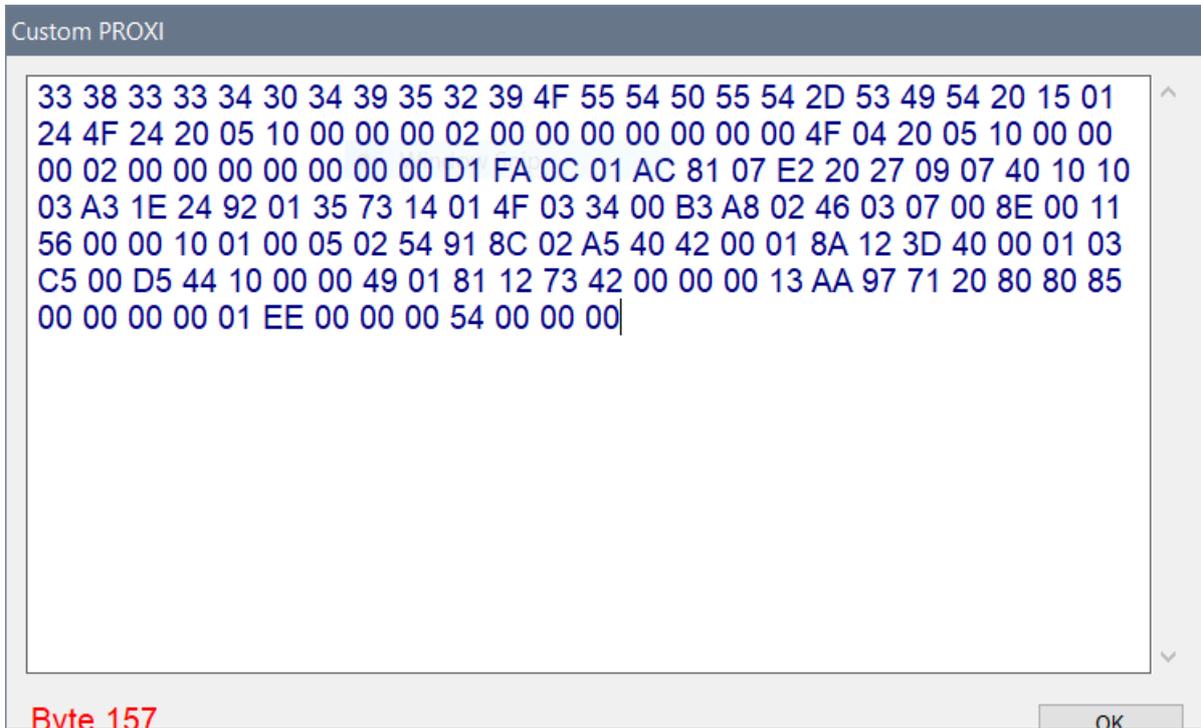
*****BE VERY CAREFUL HERE, THIS IS YOUR CARS SETUP*****

The contents of the PROXI file may be unique for your car, you cannot just take somebody else’s PROXI and put it on your car, unless you know they are identical. 00 vs OO or A8 vs AB could be the difference between your ECU thinking Petrol engine or Diesel engine, With Central Locking or not.

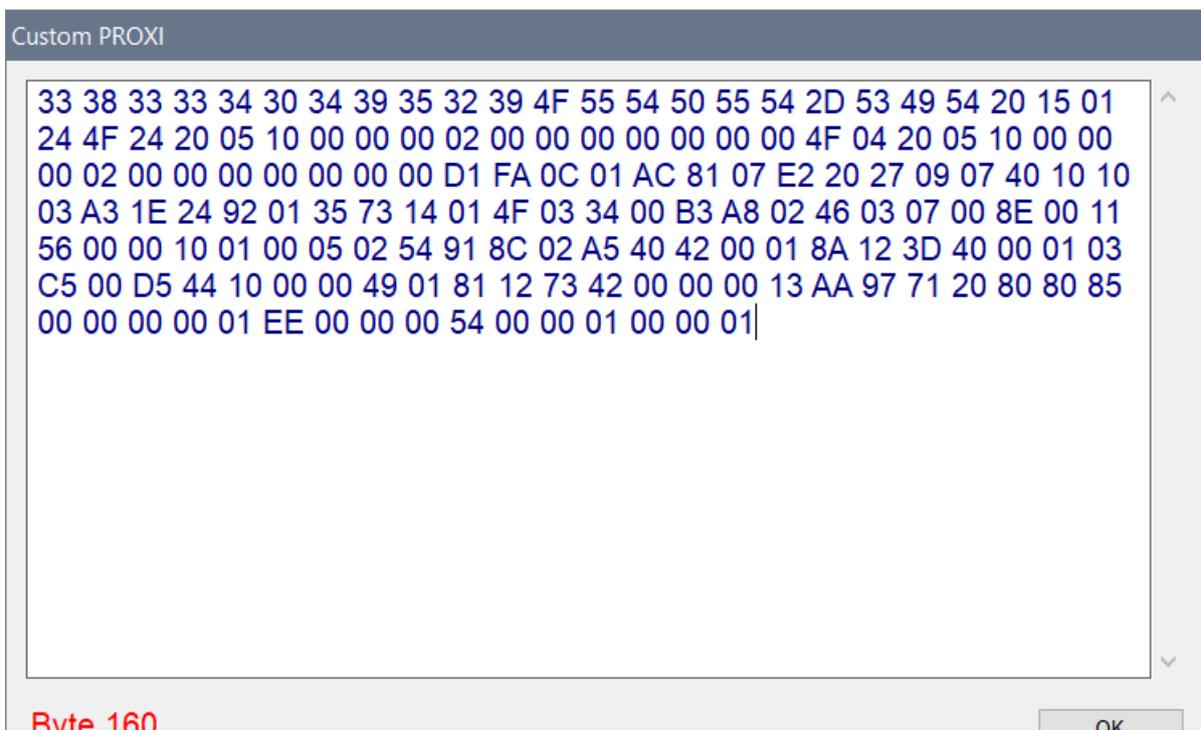
- For safety, make a backup of the proxy configuration by:
 - Selecting all the Data
 - Pressing “Ctrl + C”
 - Open Notepad and press “Ctrl + V”
 - SAVE it somewhere safe.

There is now a backup of the cars PROXI that, if need could be used to restore the original configuration.

Normally a Tupo that does not have active CarPlay, has a PROXI configuration of up to 157 bytes, with the 157 byte being 00. To enable CarPlay this byte is changed to 01 and a further 3 bytes added with the last one (160 byte) also being 01. So the PROXI would look like "01 00 00 01" from the 157 byte on.



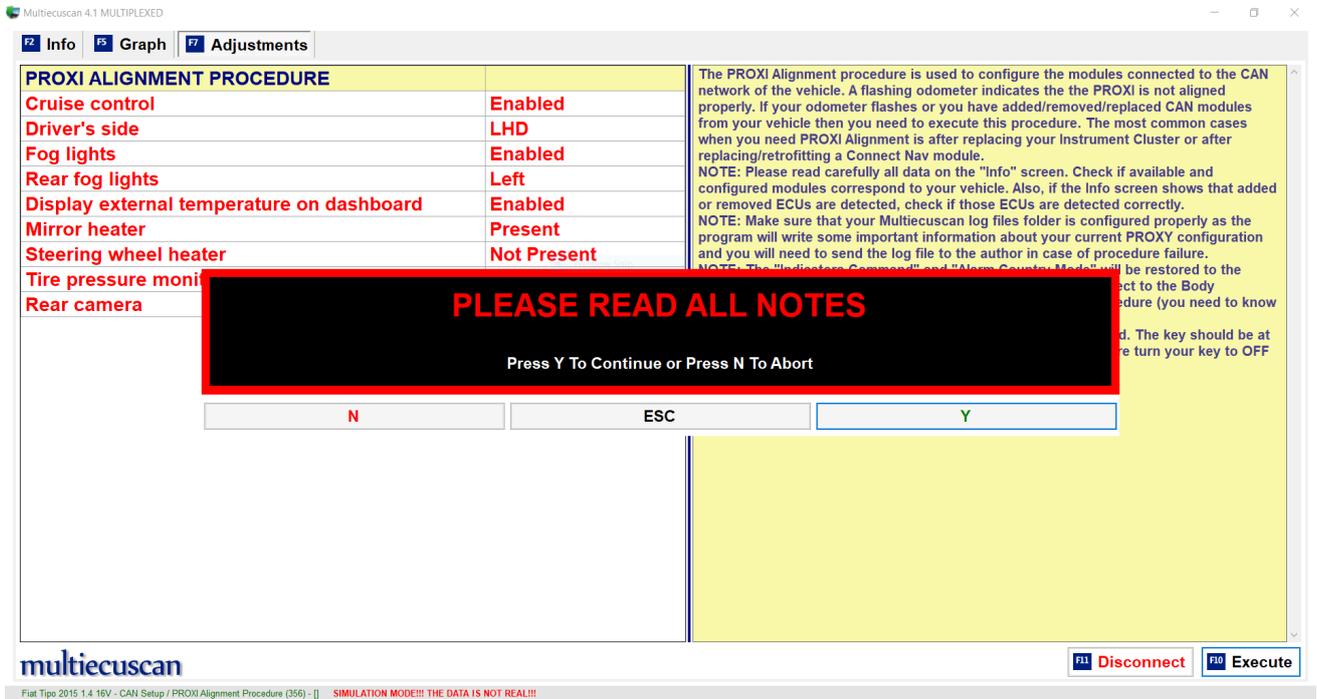
Original PROXI Config



Modified PROXI with the "01 00 00 01"

When you have made the changes to your PROXI and are happy, click Ok - MultiECUScan will warn you that the configuration file length has changed. This correct, and just acknowledge this warning.

Run the "PROXI Alignment Procedure" by selecting it and clicking Execute, then confirm you want to proceed.



*****During the alignment various warning displays and alarms may light up / go off on the dashboard, this is normal!*****

If you are not using a CANTieCAR Interface then at some point during the PROXI it will ask for the "Blue Adaptor" to be connected. Simply unplug the OBD from the car, connect the "Blue Adaptor" and reconnect to the car, then click on "Y" and alignment will continue. Follow the onscreen instructions and when told to do so Turn the Ignition off

Disconnect the OBD, wait for 5-10min, turn on your ignition, connect your phone to the USB socket with a cable and..... hopefully you should have the Android Auto icon or Apple Carplay, depending on the phone!

If it does not work after the above, don't give up just yet, there are some cars that just need a bit more encouragement for it to work on.

For difficult Cars:

Reconnect to the car without the "Blue Adaptor" go back to the "CAN Setup / PROXI Alignment Procedure (356)", Adjustments and reopen the Custom PROXI (Ctrl + Alt + C).

Now you need to add 80 at the 235 byte, so add " 00" (note the space before the 00) to the end of the PROXI Config until you reach 235 bytes and then change that to 80



Modified the already modified PROXI by adding " 00 00 00 00 00 00 00..... 00 80", note the 01 at byte 157 and 160.

Then just as before run the "PROXI Alignment Procedure" and follow the instructions on screen, and when told to do so Turn the Ignition off

Disconnect the OBD, wait for 5-10min, turn on your ignition, connect your phone to the USB socket with a cable and..... hopefully you should have the Android Auto icon or Apple Carplay, depending on the phone!

If after this you still don't have Android Auto / Apple CarPlay then, Sorry it currently cannot be enabled on your car at all.