How To Retrofit European 7” Uconnect Touchscreen Radio in 2016^ Abarth 595

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DISCLAIMER

This modification has worked for multiple 2017 & 2018 USA & UK Abarth 595 models BUT does NOT guarantee it will work for you

Fiat/Abarth approved service centre vehicle software updates will likely reverse this modification

Fiat/Abarth approved service centre could potentially reject ALL warranty due to non approved modification

Proceed with CAUTION

Parts Required

Radio/Nav Unit

CONTINENTAL Fiat 312 7" vp2 EMEA DAB NAV

Part Number 07356831240 or 07357282360 (Tried & Tested)

Fiat/Abarth offer many other part numbers for this VP2 model, buy at risk

Trim and Vents 7” Central Trim

Part Number 735672257 (Abarth Silver 7” Trim) or 735672255 (Fiat Black 7” Trim)

Suitable side vents may be required

GPS Antenna

Part Number 0052034268

Only required if you currently have no navigation

Tools Required

Laptop

Software compatible device

Coding software

MultiECUScan or equivalent to perform a proxi alignment

Install per Software instructions

OBD cable

Gendan OBD cable & CAN bus adapter or equivalent

Trim Tool

Plastic Trim Removal Tool

Drive

T25 Torx

Modification Stage 1

Removal of AC control bezel (Trim removal tool) to expose and remove 2 x T25 screws holding dash front

Open glove box and remove 1 x TXX screw holding dash front

Removal of Dash front (Trim removal tool) to expose and remove 4 x T25 screws holding in central trim and vents

Removal of 4 x T25 screws holding in radio to dash

Removal of connecting harnesses.

Modification Stage 2

(Reverse of Stage 1)

Install suggested 7” Central Trim and suitable LH & RH vents using 4 x T25 screws

Mount suggested GPS Antenna with double sided tape to back of dash

Connect existing harnesses and GPS Antenna to 7” Radio/NAV

Install suggested 7” Radio/NAV unit using 4 x T25 screws

Install dash front using 2 x T25 1 x TXX screws

Install AC control bezel

Modification Stage 3

Expose OBD Port

Ignition to ON (Engine not running)

Connect suggested OBD cable & CAN bus adapter together

Plug in cable to OBD port

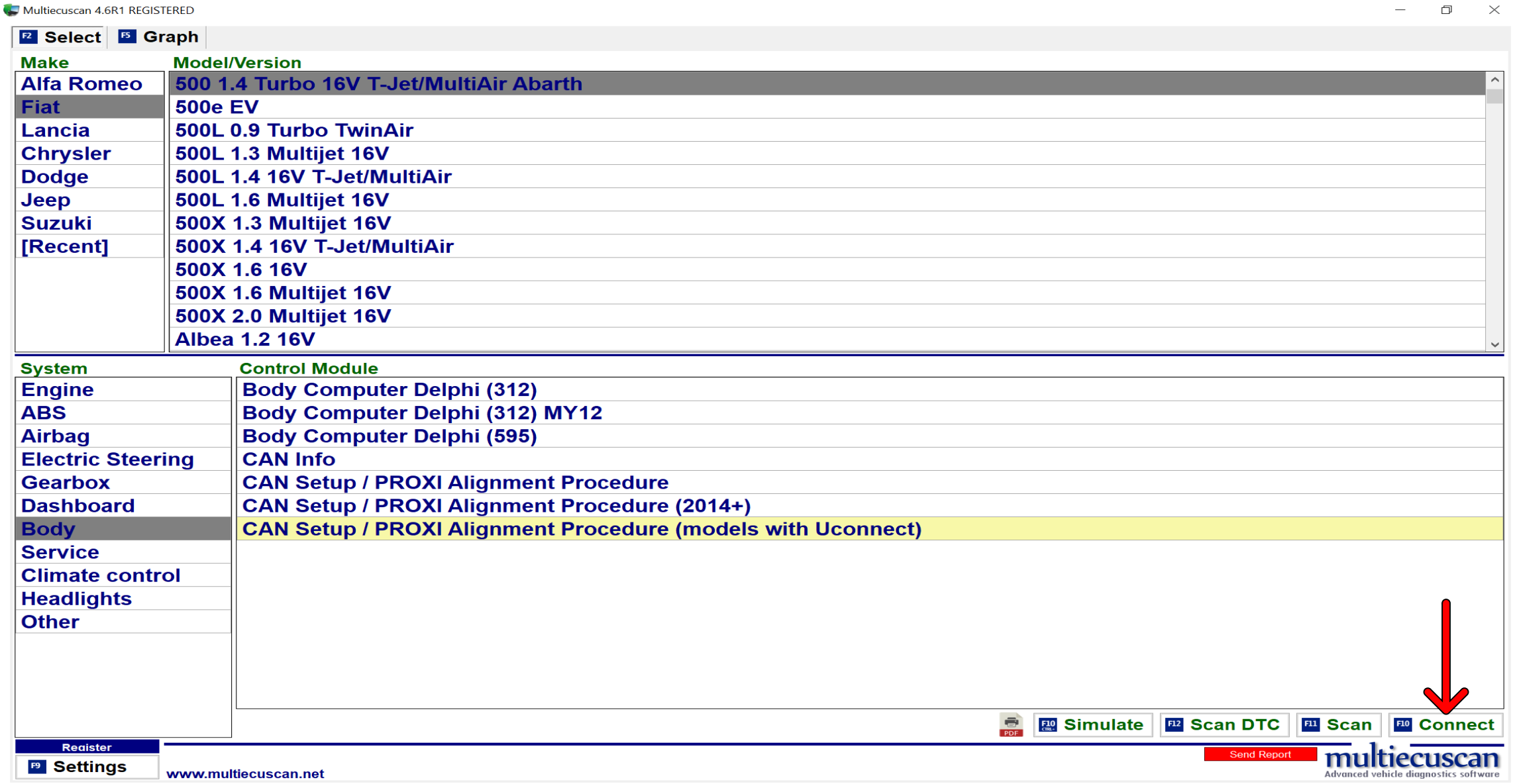
Plug cable to USB laptop port

Start MultiECUScan. (Guide established on Version 4.6R1)

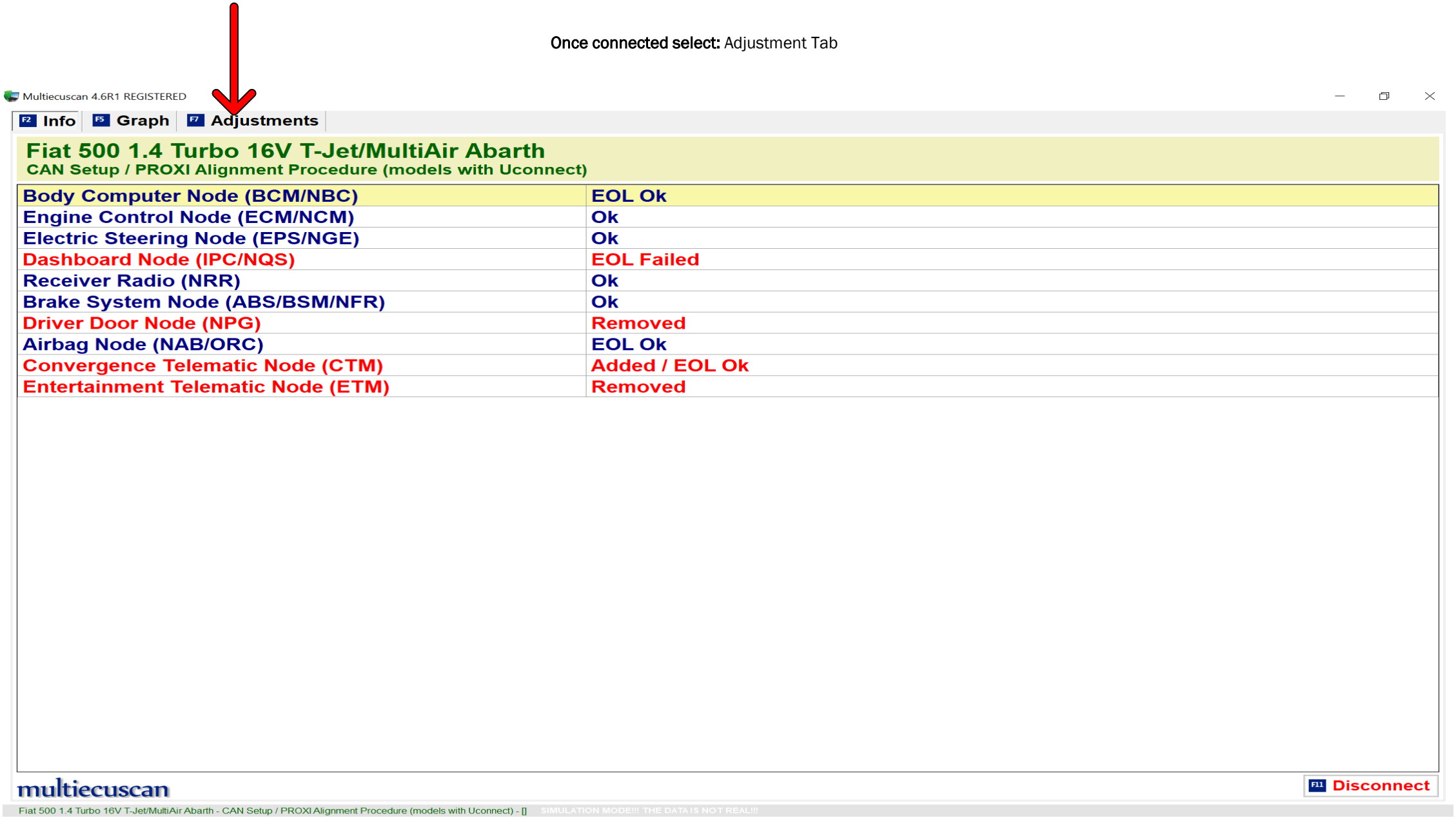
Proceed with CAUTION!

Modification Stage 4

Select: FIAT 500 1.4 Turbo 16V TJet/Multiair Abarth > Body > CAN Setup / Proxi Alignment Procedure (models with Uconnect) > Connect (F10)

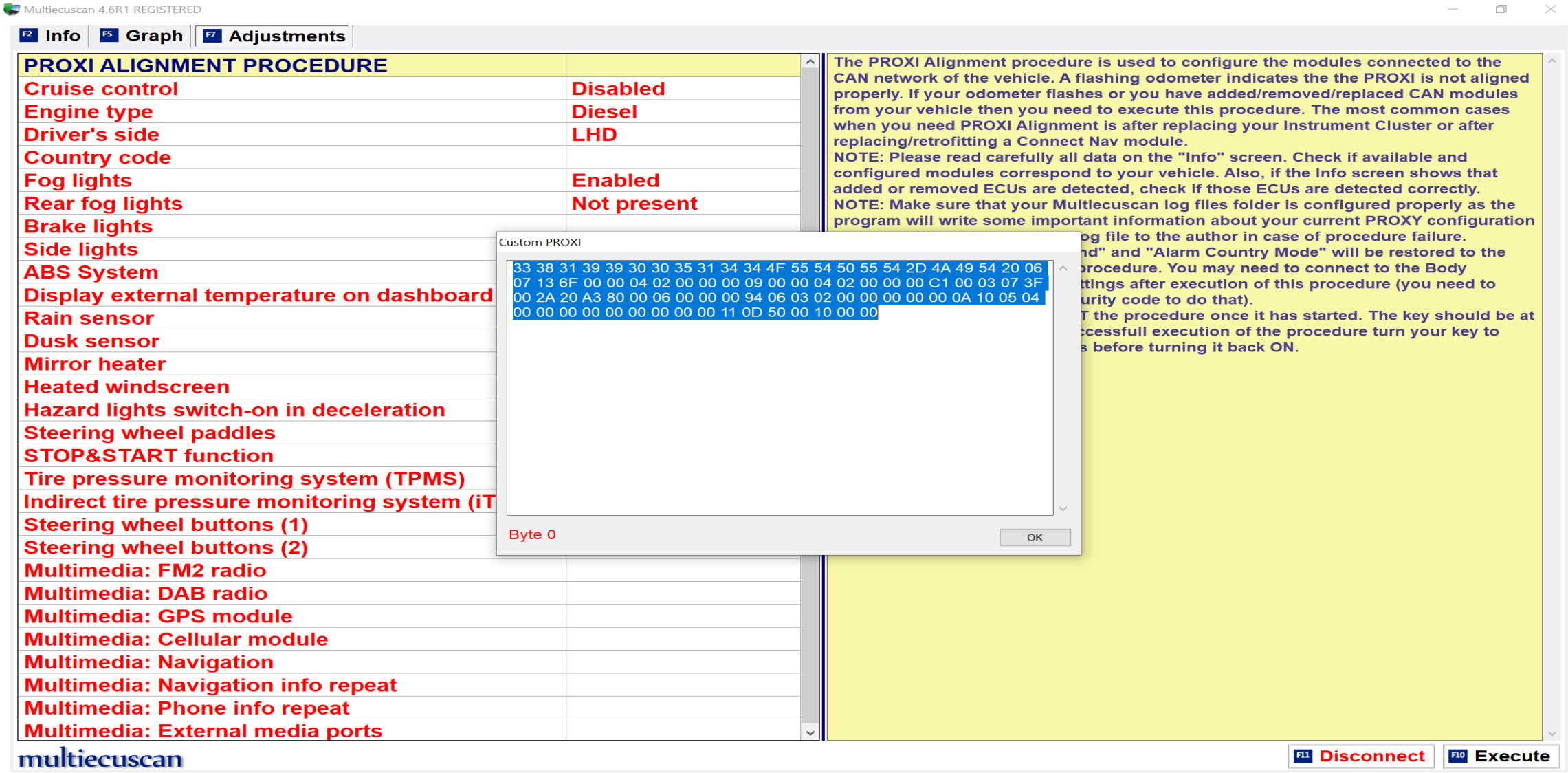


Once connected select: Adjustment Tab



Press Control+Alt+C: The PROXI window will appear

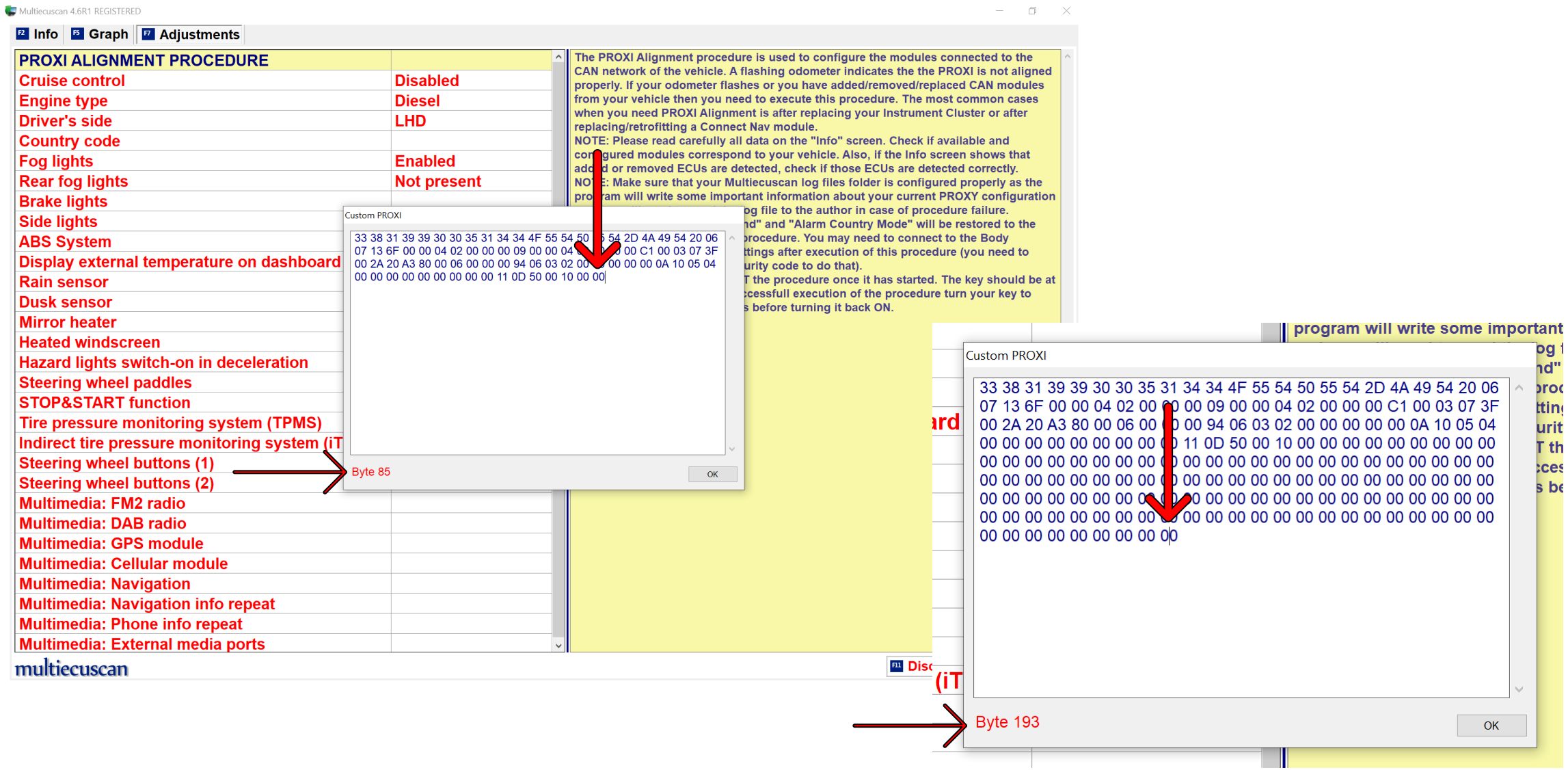
COPY & PASTE YOUR CODE TO NOTES AND SAVE AS A BACK UP!



-TIME TO EDIT YOUR PROXI CODE-

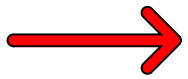
Create additional Hexadecimal places at the end of your current code: Add 00 00 00 00 00 00.....until you reach 193 Bytes

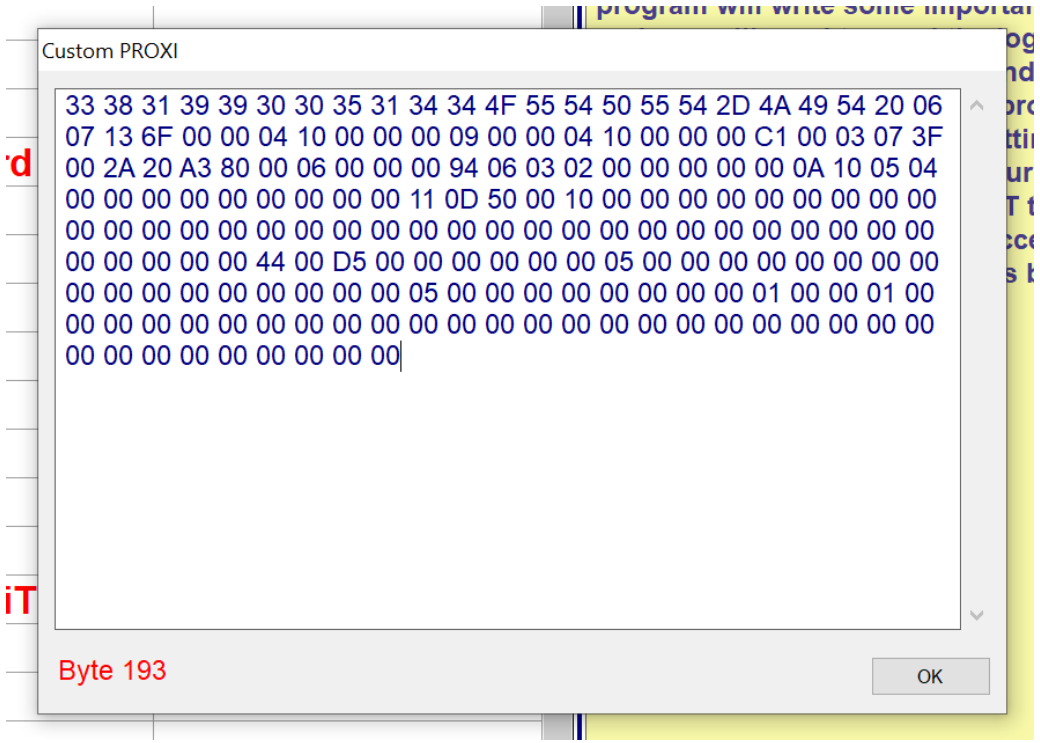
You can count Bytes by clicking in between each "00".(the number will appear in the lower left PROXI window).



You will then need to change the following within your code

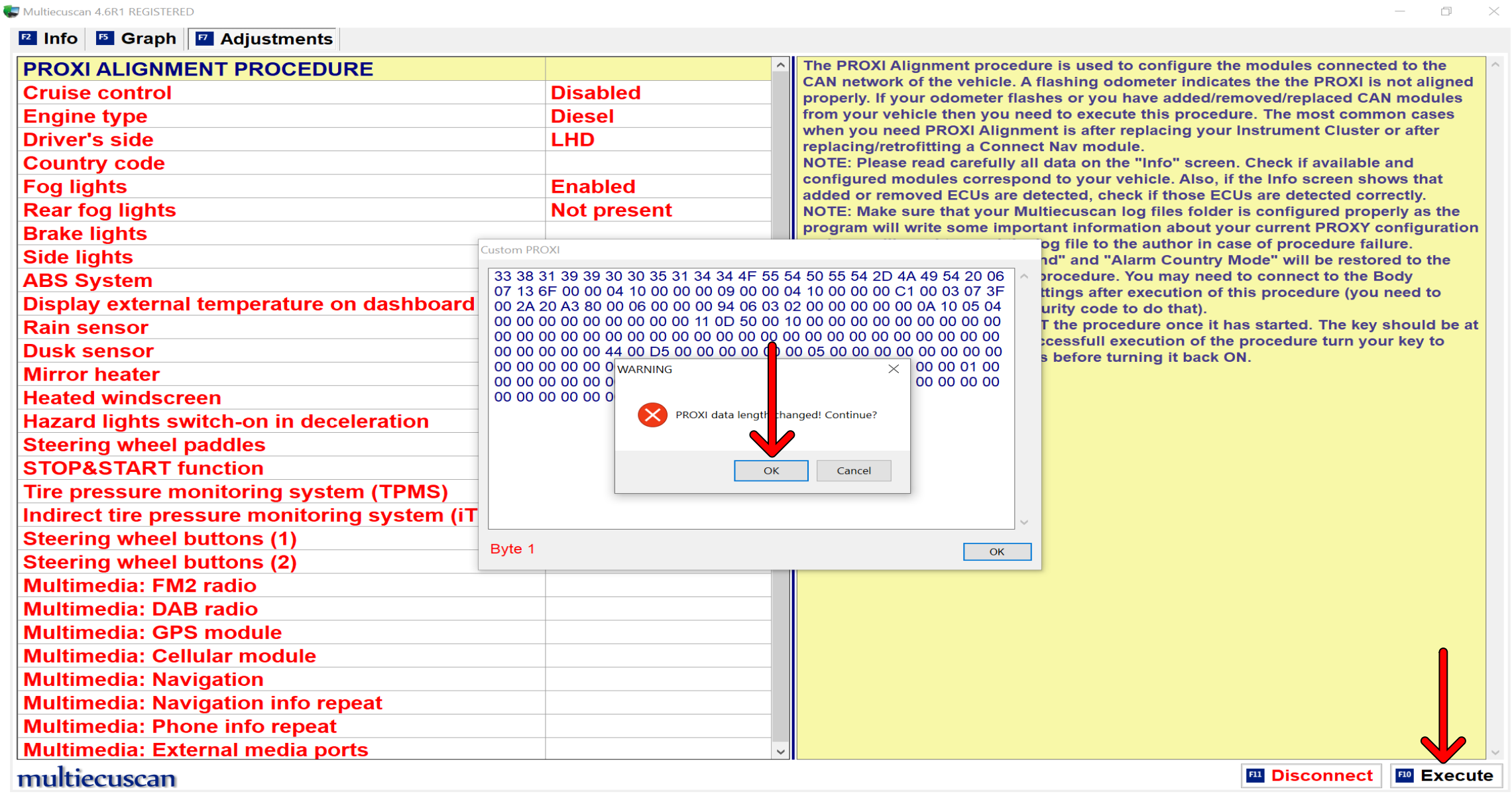
Byte 30 – Change to = 10
Byte 38 – Change to = 10 (Prevent milage from flashing on speedo)
Byte 121 – Change to = 44 (Navi+Audio)
Byte 123 – Change to = D5 (Dab)
Byte 130 – Change to = 05 (Abarth logo)
Byte 148 – Change to = 05 (Uconnect 7)
Byte 157 – Change to = 01 (CarPlay)
Byte 160 – Change to = 01 (Android Auto)





(Ctrl+A) Highlight the code in full, hit **OK**.

If you get a WARNING-PROXI data length changed! Continue? window appear. Press **OK**
Then hit "**Execute**"



If the alignment has been successful it will go through all the modules and produce a success message.

-Congratulation you have completed the Modification-

If the alignment is unsuccessful you will receive a "Request out of Range" error message.

-DON'T PANIC-

Immediately after the failed alignment click "disconnect" at the bottom of the Adjustments tab.
Click on the PDF Icon on the page with the "Proxi Alignment Procedure (models with Uconnect)" Option.

The last section of the PDF file will confirm the error.

Example: [102A] errors Byte 30: 02 > 12

This mean that at Byte 30 you have not set the parameter correctly!

Re-edit the proxi as per your first attempt following the guidelines and "Execute" with success this time hopefully!

It is important to ensure that you only amend the bytes suggested within the guide.

The likelihood is that an unsuccessful "Execute" will be based on an error on your behalf when editing.

Having the original code saved will allow you to reverse this modification when required.

Helpful Links

MultiECUScan Package (CAN cars only)

https://www.gendan.co.uk/product_FESCAN.html

Used Car parts

https://www.ebay.co.uk/

New Fiat/Abarth Parts

Fiat® Dealership - Find Your Nearest Online