

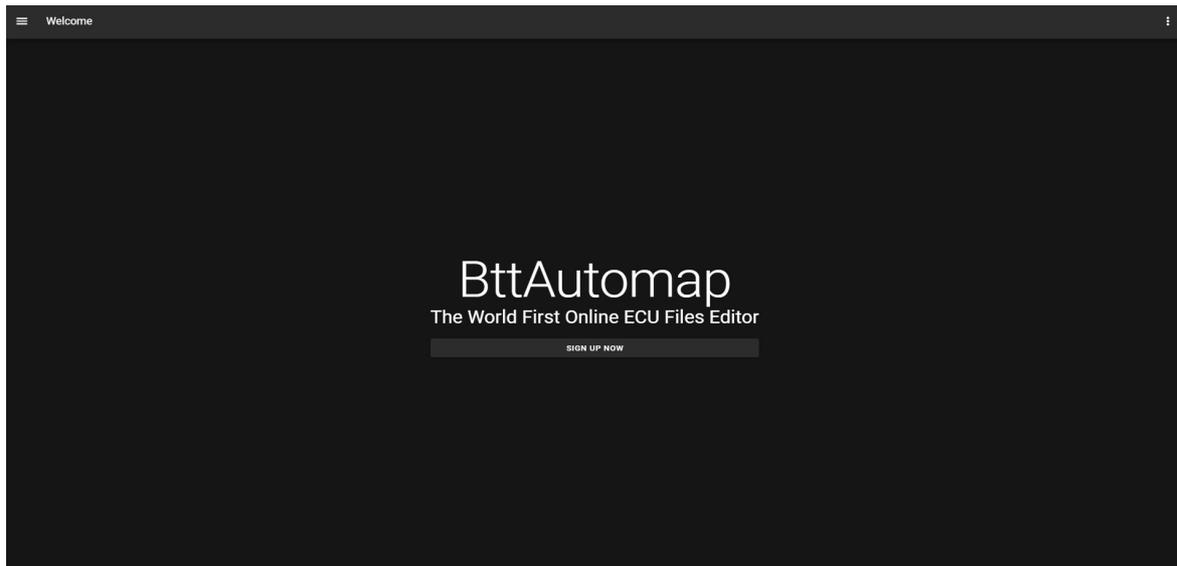
# Guide to using the software



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# What is BttAutomap ONLINE?



This program is a binary file editor dedicated to Automotive Tuning, and is compatible with all hardware reading and writing tools, BttAutomap detects the vehicle file through a special function and guides the user to the best solution with respect to its need for processing, be it errors or increase in performance, BttAutomap is the ideal program. BttAutomap is in continuous development and has been designed to be tailor-made with respect to the use case to be manipulated, in fact the BttAutomap community makes sure to improve the program through collective feedback. Below you will find the basic explanation to start using the program to the fullest. Registration for access to program functions.

## Register at BttAutomap

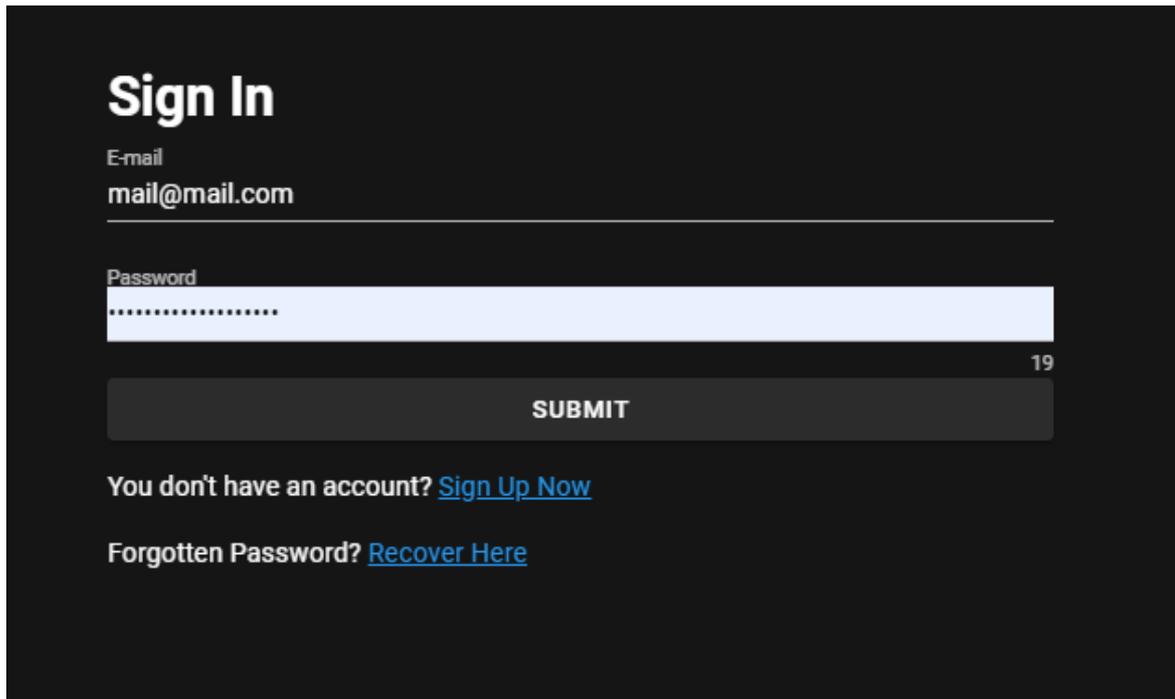
A screenshot of the BttAutomap registration page. The page has a dark background with white text. The title "Sign Up" is centered at the top. Below the title are four input fields: "Username", "E-mail", "Password", and "Confirm Password". Each field has a small "g" icon on the right side. Below the input fields is a checkbox with the text "I have read the [privacy policy](#)". Below the checkbox is a dark button with the text "SUBMIT" in white. At the bottom, there is a link that says "You already have an account? [Sign In Now](#)".

BttAutomap registration page, enter Username, E-mail, Password, Confirm Password, read our privacy policy, check the box and click Submit.

## Activation times after registration

User activation times range from 12/24 working hours, the system will not send any confirmation emails.

## Access to programm



**Sign In**

E-mail  
mail@mail.com

Password  
.....

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**SUBMIT**

You don't have an account? [Sign Up Now](#)

Forgotten Password? [Recover Here](#)

Access to BttAutomap, enter your login credentials and click Submit.

## Change password

Field	Value	Actions
username	pippo	
Email	pippo@pippo.it	
Coins	150	

**UPDATE PASSWORD**

The user can change his password at any time.

## Display of the remaining credit

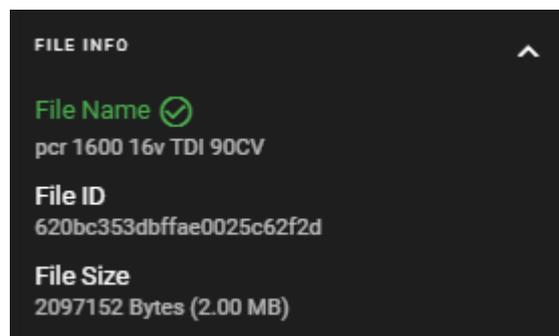


At the top right of the screen you can see the remaining credit.

## Sending request to top up credit

To request new credit, contact <mailto:bttautomap@betatestertuning.it>

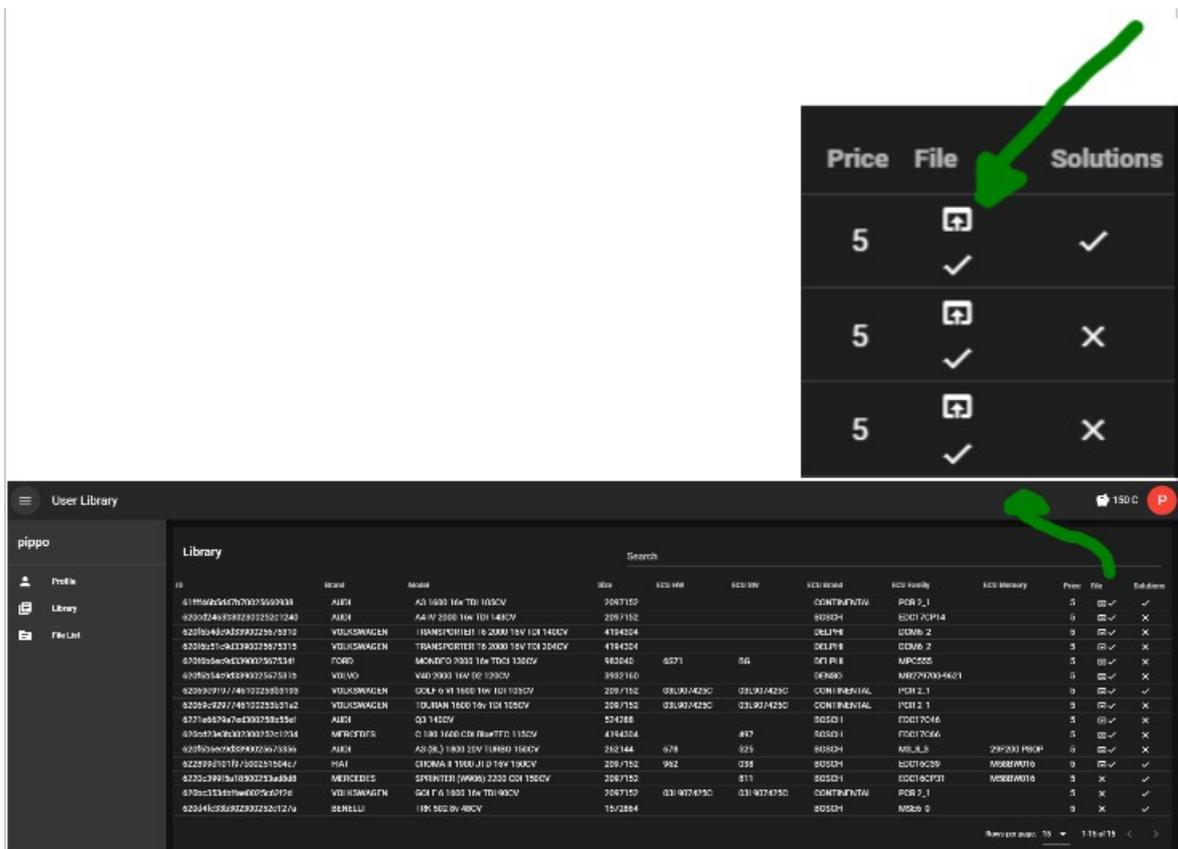
## Service request submission via file ID



Send the file code File ID of the file to request:

- Adding a solution
- Rectification of a solution

## Using the library



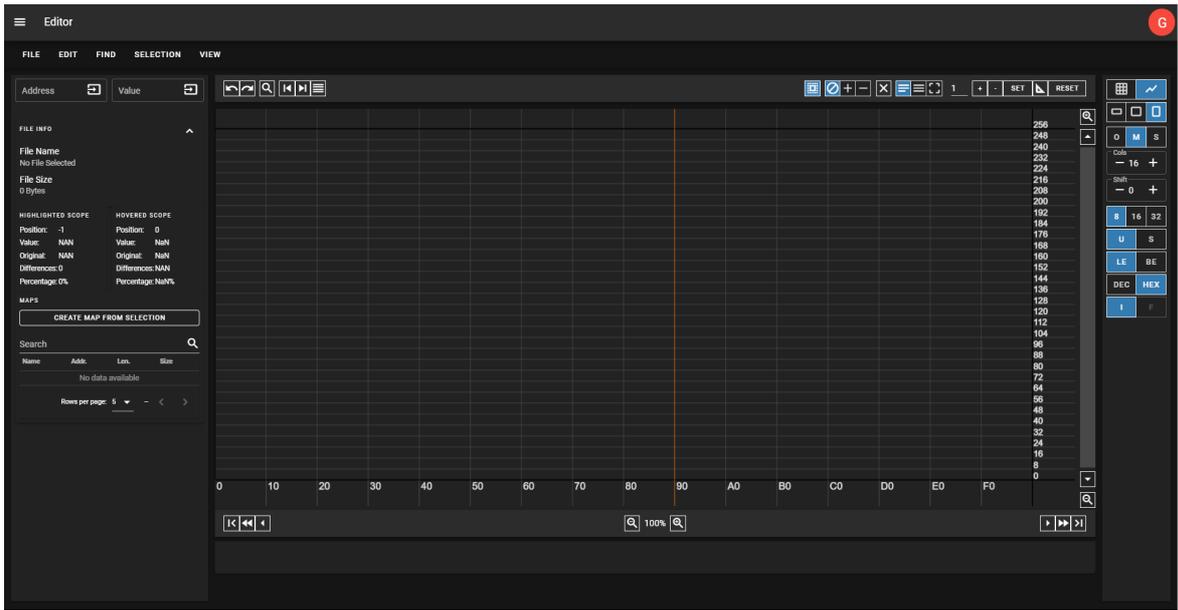
In your library you will find all the files purchased and viewable in your editor via the appropriate button (green arrow). If you have also purchased the solution you can see the check mark on the right of the button (green arrow).

## Using File List

Files List											
ID ↑	Brand	Model	Size	ECU HW	ECU SW	ECU Brand	ECU Family	ECU Memory	Price	Solutions	Actions
620cd243b302300252c123c	VOLVO	V60 2000 16V D 163CV	4 MB		213	BOSCH	EDC17CP48		5	1	📄 🛒
620f6b6dc9d3390025675348	VOLVO	V50 1600 D 110CV	2 MB	775	149	BOSCH	EDC16C34		5	2	📄 🛒
620f6b54c9d339002567531b	VOLVO	V40 2000 16V D2 120CV	4 MB			DENSO	MB279700-9621		5	1	📄 🛒
620f6b51c9d3390025675315	VOLKSWAGEN	TRANSPORTER T6 2000 16V TDI 204CV	4 MB				DELPHI	DCM6_2	5	2	📄 🛒
620f6b4dc9d3390025675310	VOLKSWAGEN	TRANSPORTER T6 2000 16V TDI 140CV	4 MB				DELPHI	DCM6_2	5	1	📄 🛒
620f6b70c9d3390025675369	VOLKSWAGEN	TRANSPORTER 2500 TDI 130CV	1 MB	568	363	BOSCH	EDC16U1		5	0	📄 🛒
620f6b71c9d339002567536e	VOLKSWAGEN	TRANSPORTER 2500 TDI 102CV	512 KB	681	448	BOSCH	EDC15VM		5	2	📄 🛒
62069c9297746100253b31a0	VOLKSWAGEN	TOURAN I 1600 16V TDI 105CV	2 MB	03L907425C	03L907425C	CONTINENTAL	PCR_2_1		5	5	📄 🛒
62069c9297746100253b319f	VOLKSWAGEN	TOURAN I 1600 16V TDI 105CV	2 MB	03L906023A	03L906023A	CONTINENTAL	PCR_2_1		5	5	📄 🛒
62069c9297746100253b31a2	VOLKSWAGEN	TOURAN 1600 16V TDI 105CV	2 MB	03L907425C	03L907425C	CONTINENTAL	PCR_2_1		5	2	📄 🛒
620f6b71c9d339002567536a	VOLKSWAGEN	TOURAN 1600 16V FSI 115CV	2 MB	152	349	BOSCH	MED9_5_10		5	2	📄 🛒
620cd2643b302300252c1253	VOLKSWAGEN	TIGUAN 2000 16V TDI 184CV	4 MB			BOSCH	EDC17C74		5	1	📄 🛒
620cd2473b302300252c1242	VOLKSWAGEN	SHARAN 2000 16V TDI 184CV	4 MB			BOSCH	EDC17C64		5	1	📄 🛒
620f6b71c9d3390025675374	VOLKSWAGEN	SCIROCCO 2000 16V TFSI 211CV	2 MB			BOSCH	MED17_5		5	2	📄 🛒
62069c9297746100253b31a1	VOLKSWAGEN	POLO V 1600 16V TDI 90CV	2 MB	03L907425B	03L907425B	CONTINENTAL	PCR_2_1		5	5	📄 🛒

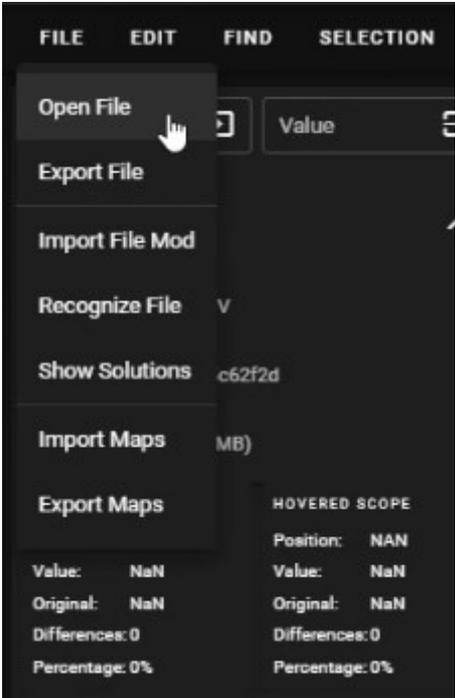
The files already purchased are without the cart icon and therefore you will find them in the library, they will be stored permanently and reused over time if you work on the same vehicle.

# Solutions



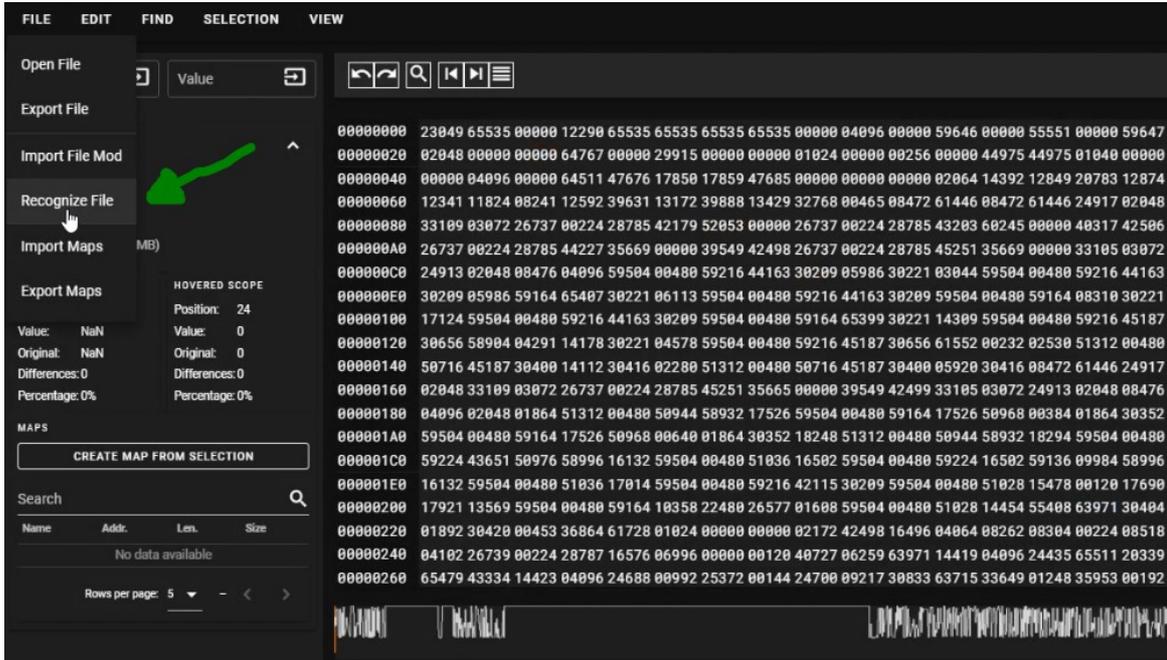
Blank page no file is loaded.

## How to upload a file



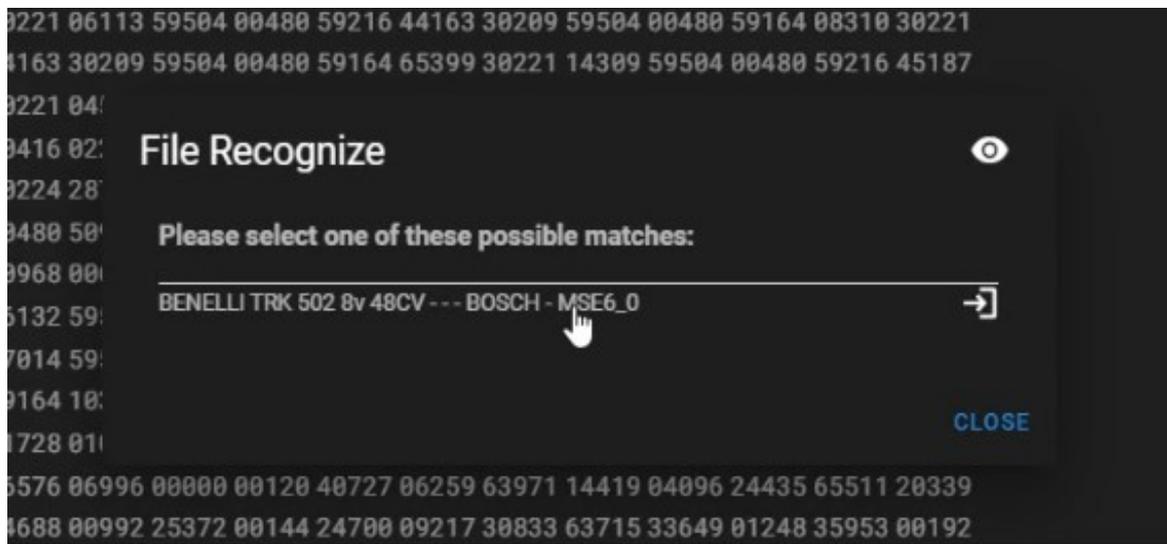
Click Open File from the file menu.

# How does it recognize a file



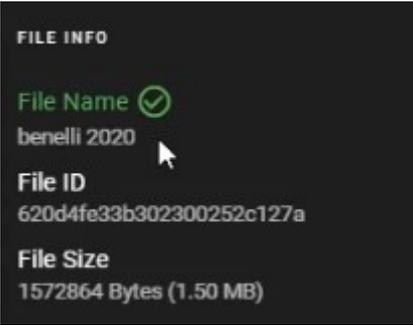
File recognition (green arrow).

## Recognized file

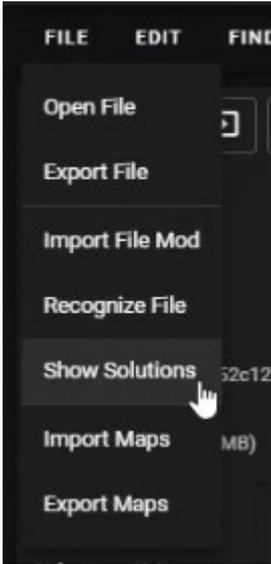


The file was recognized as a possible match of the original file.

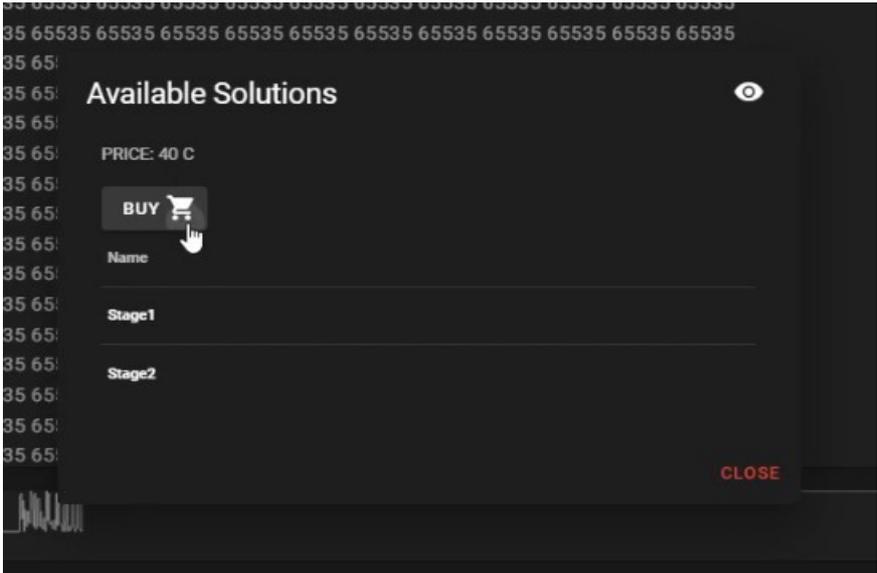
### Green tick file recognized



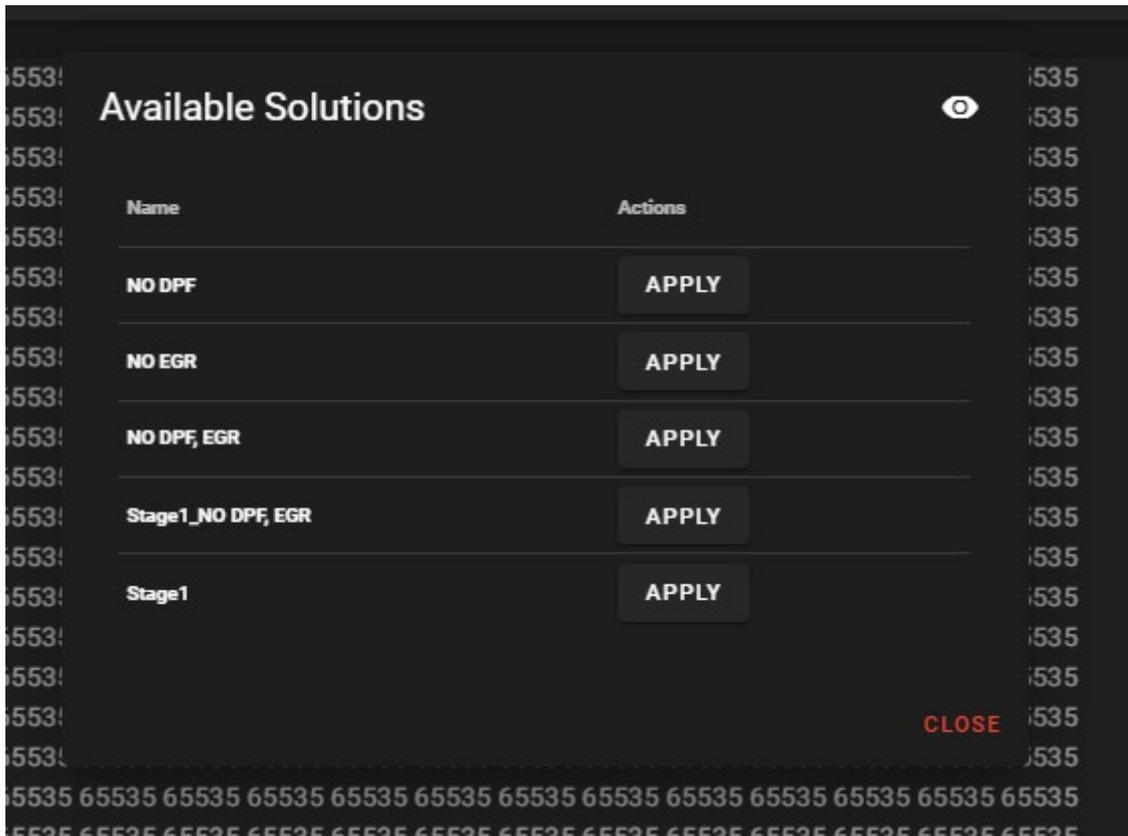
### How to access the solutions



### How to buy a solution

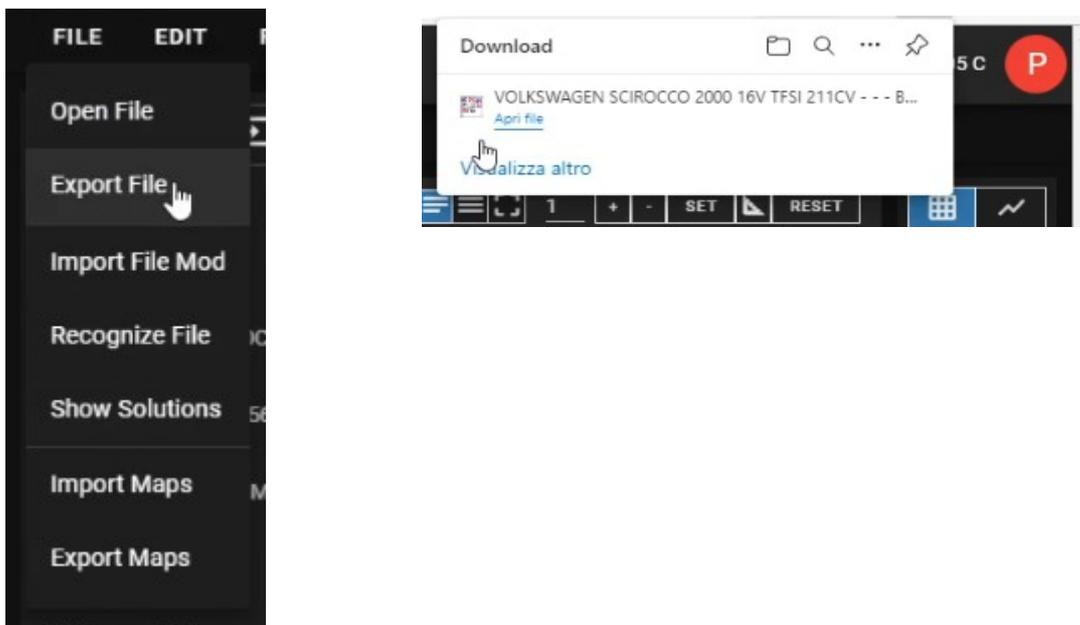


## Apply solution



Now you can apply the solutions in a logical sequence, for the problem to be treated.

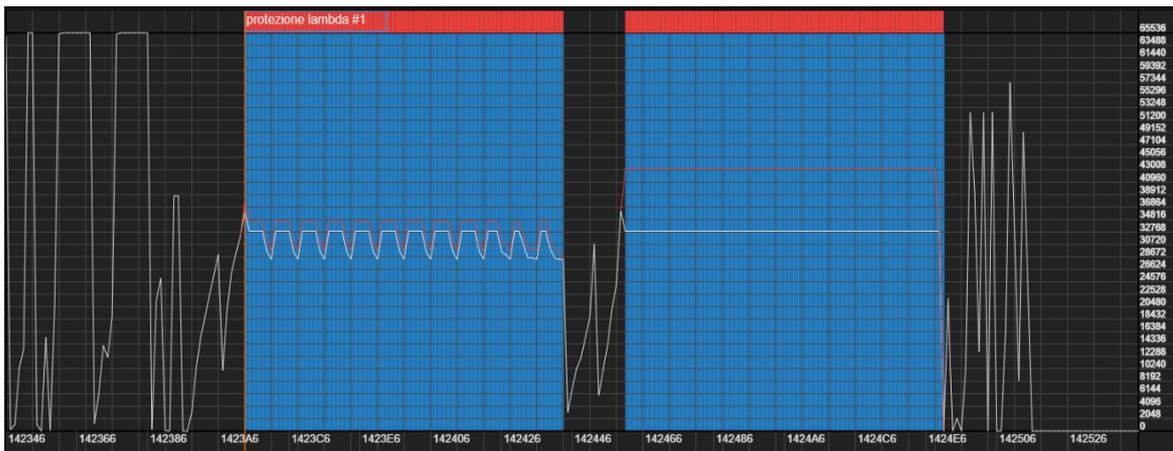
## Exporting the solution (Writing on the vehicle)



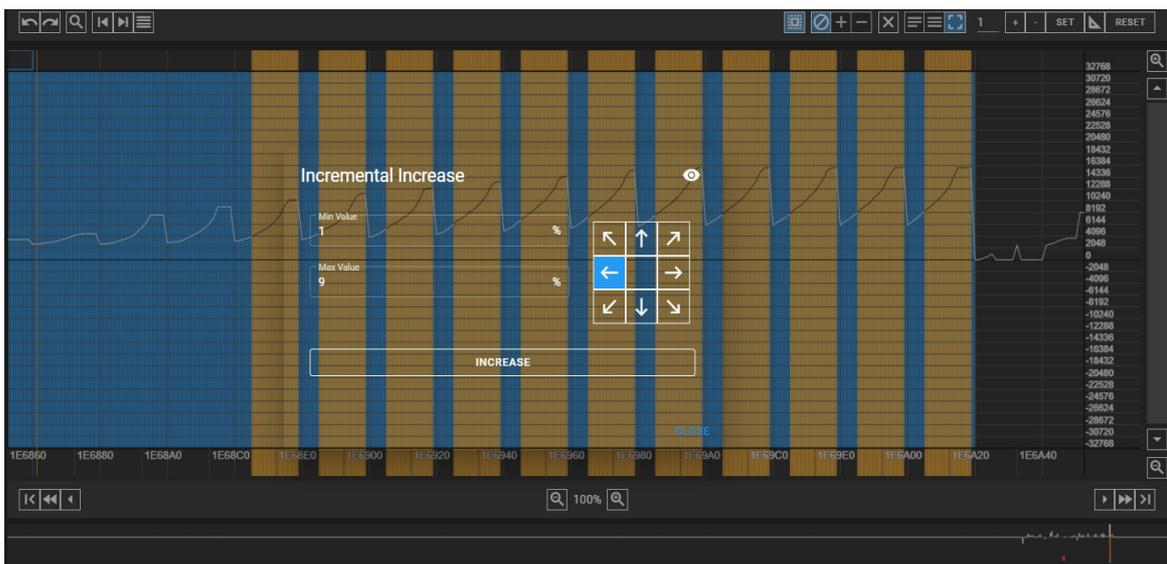
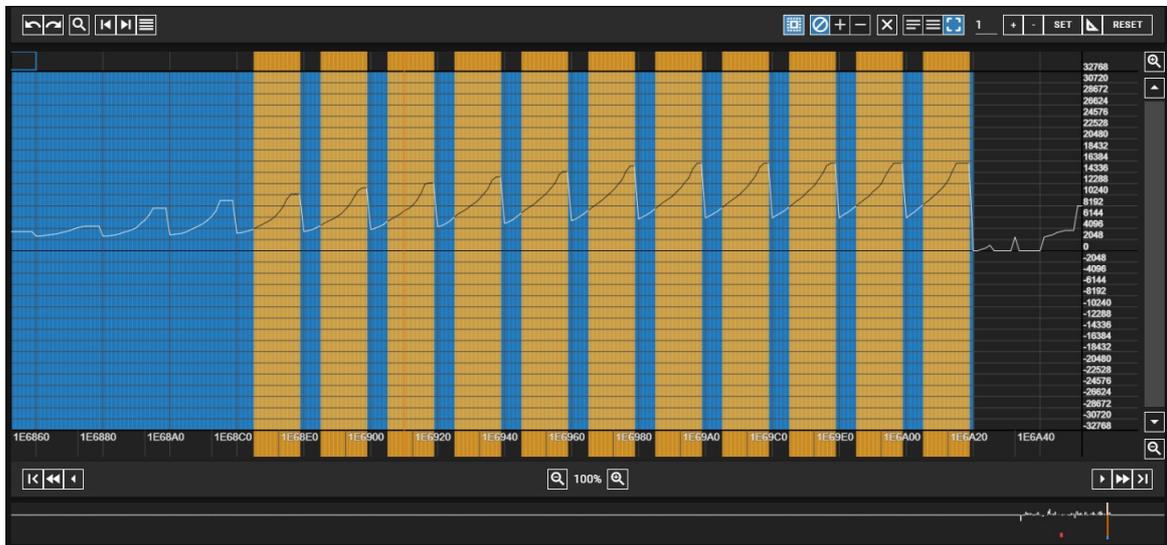
To export the file and write it to your vehicle, click on Export File.



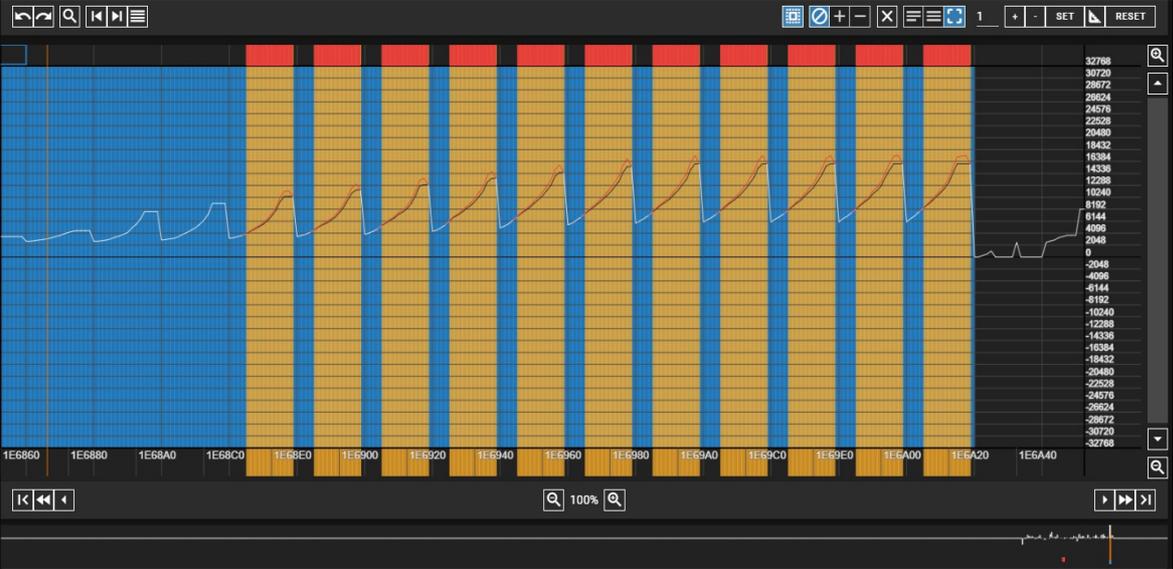
# Modify by 2d



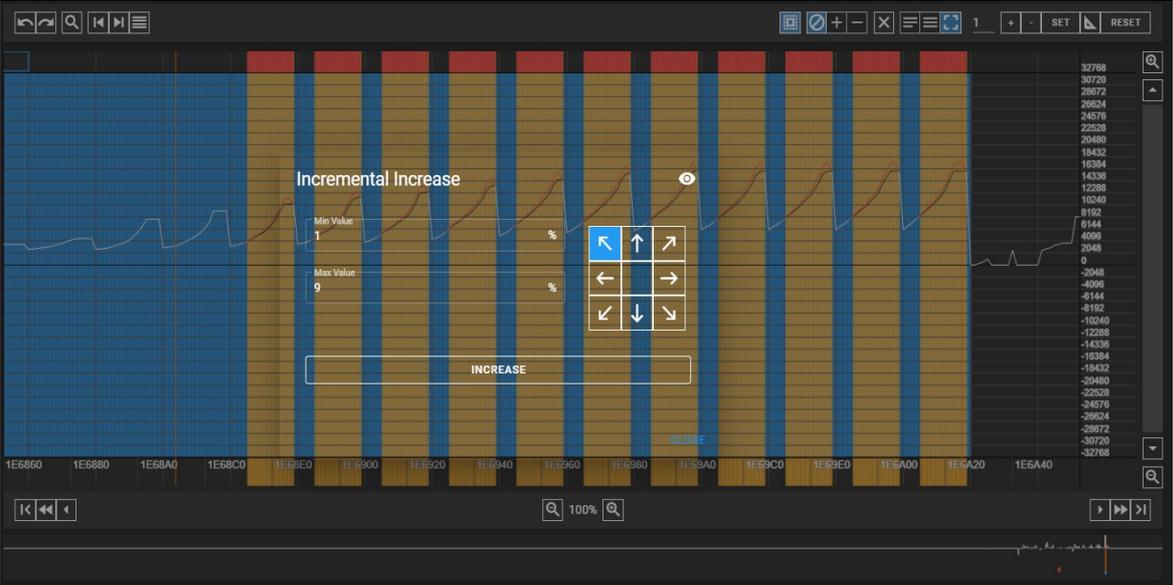
A typical view containing the maps proposed by the system or those created by the user.



After making the desired selection, to increase the values either in a distributed way or in an incremental way we can use the function with the square symbol and in this case we can click on the left arrow because it means that we want the values increased for each map step from 1% to 9% in this case the result can be seen on the next image.

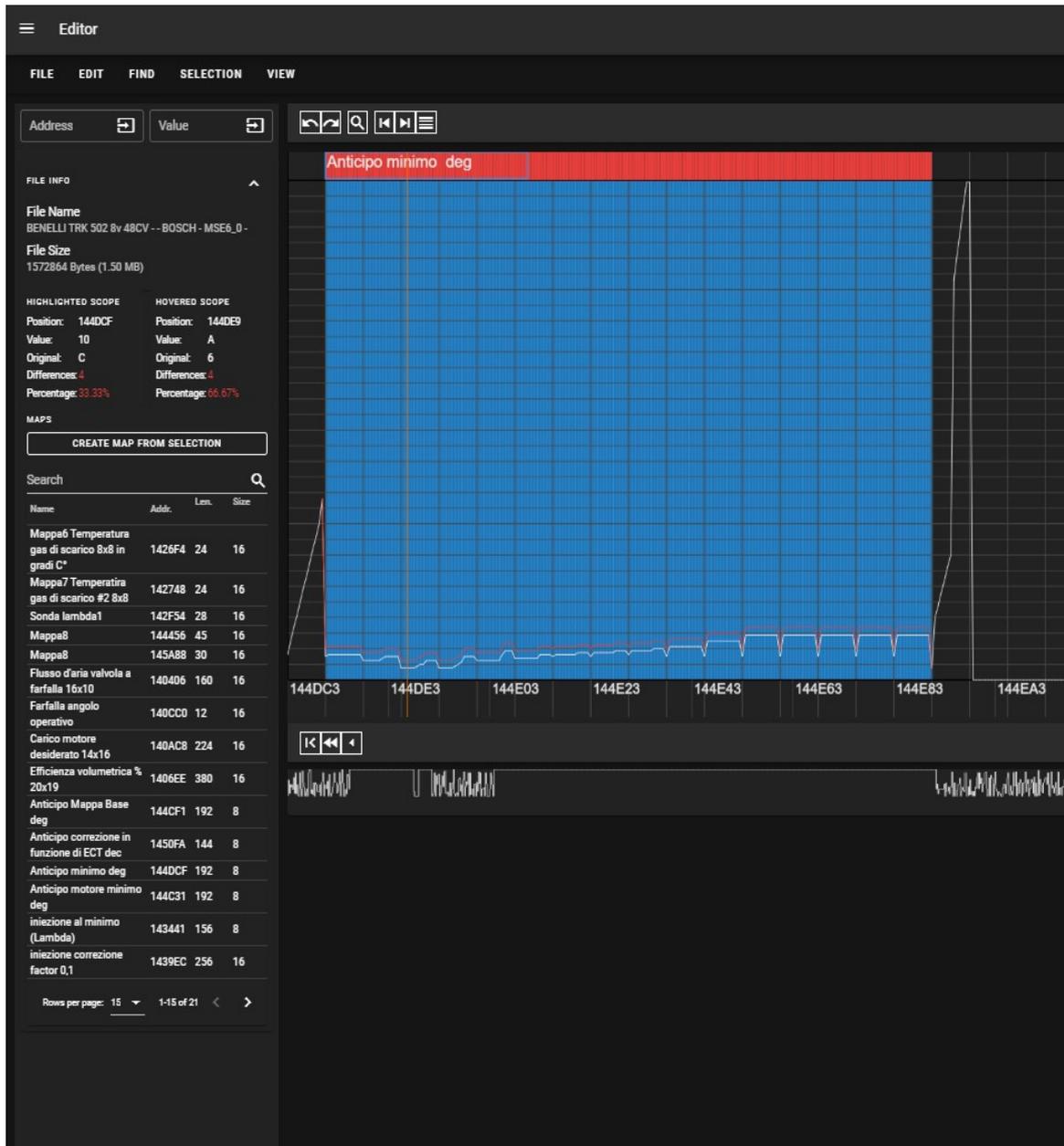


Standard incremental increase for each map step, but, you can make further overlapping changes using the square function a second time we can choose the arrow at the top left, and so we have an incremental distribution from the map start up to the current selection file, see following image,



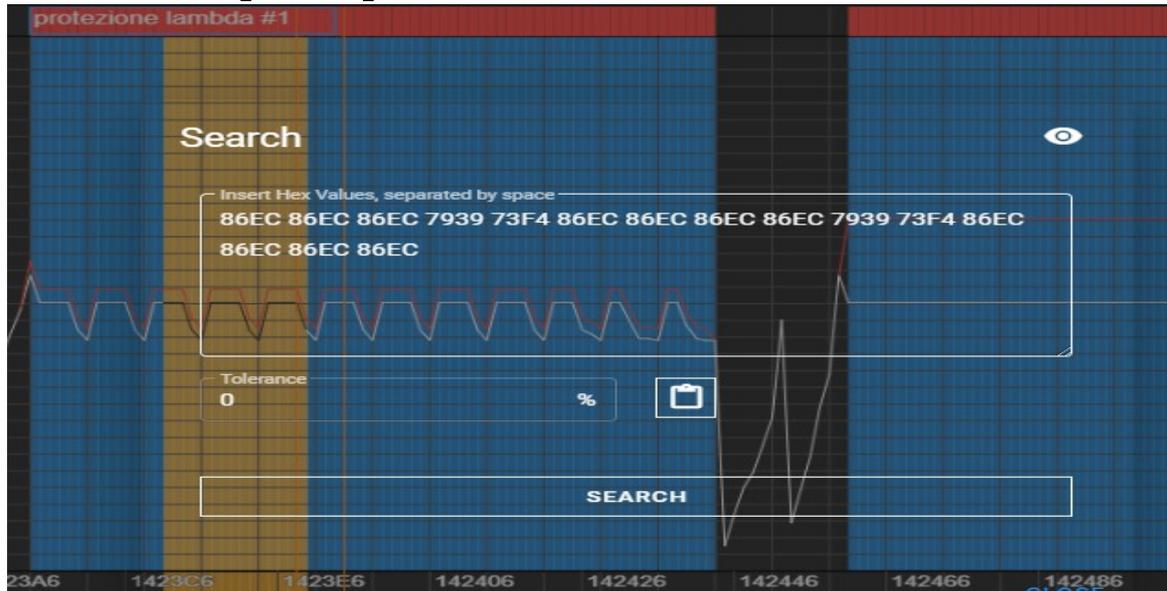
### Explanation of the arrows:

- 1) if we have a map with slope from left to right, usually the directions are used (top left and left), it depends on the need for the increase.
- 2) Or if the map is made upside down as shown in the figure, you can choose the (right arrow or top right).
- 3) If we need to change the values by mixing the increments you can choose
- 4) the other directions, the user can decide more strategies.
- 5) The percentage of the increase can be decided by the Tuner, it is advisable to start from 1% up to a maximum of what you want with respect to the modification standards, usually up to 30% on average on all cases.



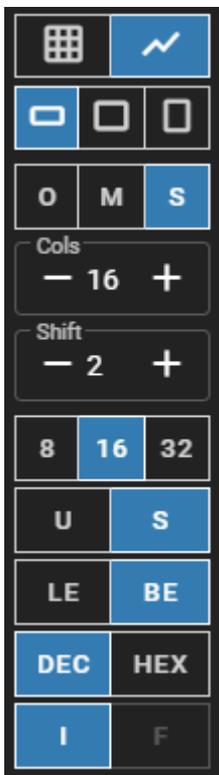
If you click on the name of the map in the map list that appears on the left, BttAutomap takes you directly to the map by positioning itself on the left side of the screen in order to view the whole map with respect to the maximum horizontal size of the screen.

## Search for maps and points



This function is used to search for byte patterns, i.e. contiguous byte fragments in your dump file and you can search for uguli or similar maps, appropriately modifying the tolerance value for the search for maps of any size, even single points.

## Vertical bar to the right of the screen



This image shows a series of buttons and switches that are used to: starting from the top, the first two respectively indicate the grid view, and the one on the right indicates the 2d view, while the three buttons with the three windows of different size indicate the height you prefer for the visualization part according to your screen, immediately after we find O, M, S, which indicates original, modified values view, double split view, this function is present in grid mode. Then there are the two fields shift and cols, they are used to center a map so that it is a consistent map with number of rows and number of columns if we are obviously talking about maps with two dimensions. Immediately after we find 8,16,32 which indicates the number of bits for display, while U, S, inica respectively unsigned / signed, then we have the swap byte BE, LE, which indicates standard notations, Big endian (Motorola), Little endian (Intel), Then we have the two buttons HEX, DEC, which in grid mode you can see the values both in hexadecimal (base 16), or in base 10 (standard). Finally in this section of buttons we have the whole notation which is the default one or if we encounter 32 bit float maps, we can see the maps, for example of ECU models that use the IEEE standard, with the comma.