ECU
REMAPPING

CARS/TRUCKS/TRACTORS
MODULES

MOTORBIKES
MODULES

POWER BENCH
TESTERS

MyGENIUS

INDEX

- Product warranty……..pg.3
- Kit description……pg.5
- Software installation……pg.6
- First use – Update……pg.7
- Protocol identification system-reading……pg.8
  - Totally automatic identification system……..……..pg.8
  - Generic Brand Model Type protocol identification system…pg.10
- File download……..……pg.12
- File upload……pg.13
- Writing……..……pg.14
- Special manual procedures……pg.15
- Wrong selection……..……pg.17
- Reset procedure……..……..pg.18
- Brand change request……..……pg.22

Product Warranty

The product supplied by Dimsport S.r.l. is guaranteed free from original defects as per indications stated by the Italian Legislative Decree 6 September 2005 no. 206 ("Consumer Code").

Procedure
If the purchaser wishes to exercise the rights contained in these warranty conditions, he/she must contact the Dimsport Technical Support Service to obtain information on the exact procedures for returning the product for inspection. With the limitations specified below, and if conditions exist for recognition of the warranty pursuant to Legislative Decree 206/05, the product will be repaired free of charge for the purchaser.
Without prejudice to the provisions of art. 130 Legislative Decree 206/05, in particular as regards the objective impossibility or excessive cost of the repair.
If the product is returned after expiry of the warranty period or the defect is not covered by the warranty, or the product is free from defects, Dimsport S.r.l. will charge the purchaser for transport, administrative and technical costs sustained.

Product return procedure
For any type of repair work on products, the purchaser must contact the Dimsport Technical Support Service to request the R.M.A. number, notifying in writing, when requesting the R.M.A.:
- product serial no.
- fault encountered

The Dimsport Technical Support Service will carry out tests to verify the entity of the problem; this will be followed by an email communication with the R.M.A. number and the specific instructions to be followed. The R.M.A. number shall be indicated in the document accompanying the goods and on the packaging.

Limits on repairs carried out under warranty
The Dimsport S.r.l. warranty does not cover defects occurring beyond the term of duration of the warranty, defects that did not exist at the time of delivery of the product, defects resulting from negligent or careless use, incorrect installation or maintenance, incorrect storage and/or conservation, maintenance or technical work carried out by non-authorised personnel, damage due to transport or corrosion, or products whose serial numbers have been altered or cancelled.
Merely by way of example, the following are excluded from the warranty:

- aesthetic damage to the product such as scratches, dents, chips or nicks both to the outer shell and to the display, in addition to damage attributable to knocks and/or dropping;
- damage caused by modification of the product or alteration (hardware or software) of it, without the prior written authorisation of Dimsport;
- defects resulting from accidents, natural calamities or other causes including rain, hail, lightning and fire.

The warranty does not cover damages which are a consequence of current overloads due to the network to which the product is connected or caused by other equipment, systems or components when improperly connected or used without authorisation.
The materials subject to wear (including capacitors, batteries, LCD screens) are specifically excluded from this warranty, unless the wear or damage is attributable to a material or manufacturing defect.
Any breakage of seals or tampering with the product will result in forfeiture of the warranty.

Technical support beyond the warranty terms
The product is supplied with a 24-month warranty from the date reported on the purchase invoice.
If the product manifests operating problems beyond the warranty terms, or the warranty does not apply, the purchaser shall contact the Dimsport Technical Support Service in order to agree the procedure for sending said product for repair or inspection.
In the event of repairs carried out not covered by the warranty, the costs for repair, inspection, software updating or any reset will be sustained by the purchaser.
Dimsport reserves the right, without previous agreement with the purchaser, not to carry out the repair when reset or repair of the product are uneconomic, taking account of the value of the product and the cost of the work required.

Repair work not authorised by Dimsport – tampering
CAUTION! The equipment is sold with tamper-proof seals bearing the wording "Warranty void if seal is broken". Removal of these seals and/or modification of any part of the hardware or software will entail the forfeiture of any warranty provided on the product by these conditions and suspension of performance of the services scheduled by the contract with the user. The purchaser of the product may carry out any work for the replacement of individual parts and/or maintenance/updating only after express written authorisation by the Dimsport Technical Support Service.
CAUTION! Dimsport may consider the performance of non-authorised work on its hardware and/or removal of the seals as attempts at tampering aimed at violation of the current laws concerning protection of industrial and intellectual property rights, reserving the right to inform the competent authorities of said actions. In this case the author of said actions may not plead good faith in his/her defence.

KIT DESCRIPTION

MYGENIUS KIT:
F32MYGENIUS → MyGenius tool
F32xxxx → specific cable depending on the vehicle*
C32GNUSB01→ usb cable
CUSBKEY→ usb key with dedicated MyGenius client software

*depending on the vehicle on which the device must communicate you need a dedicated cable.

SOFTWARE INSTALLATION

Connect the USB KEY supplied in the KIT to the PC and run MyGenius Client software SETUP
Please follow the step of the installation as described here below.

Select the directory where the MyGenius software will be installed and follow the setup procedure clicking NEXT.

The software is now correctly installed and ready to be used,
after the first installation connect the MyGenius device via USB to the PC and perform a full system update. Please read the following chapter.

FIRST USE – UPDATE

Connect MyGenius to pc, the pc must start the wizard installation procedure for the MyGenius device. Please follow the steps in order to install properly the device.

Now you are ready to run the software. As soon as the software starts it will ask for a mandatory update.

Now the sw and the tool will be updated to the last available version.
After the update you are ready to work!!!

Go into the car with MyGenius and the OBDII cable supplied in the kit, look for the OBDII diagnostic port.
(The vehicle's diagnostic port is often located under the steering wheel but, depending on the brand/model/type, it can be found in front of or behind the gear stick or behind the ashtray)

VERY IMPORTANT

- ✓ Before any operation on the car check that the vehicle is properly serviced and no warning lights are lit on the dashboard, if anything is wrong the vehicle MUST be first serviced and repaired by a car dealer or repair shop.
- ✓ The car battery MUST BE FULLY CHARGED and during all the MyGenius operations on the vehicle we strongly suggest to connect a stabilized car battery charger.
- ✓ During the reading/programming operations do not unplug the OBD II wire or perform whatever operation with dashboard. To avoid any communication troubles do not switch on AC, radio or any other devices that require car battery power.
- ✓ Follow the instructions requested by the MyGenius

PROTOCOL IDENTIFICATION SYSTEMS

Depending on the vehicle brand the MyGenius device follows 2 different identification systems.

1. Total automatic protocol identification system (pg. 8)
2. Generic Brand Model Type protocol identification system (pg. 10)

1.Total automatic identification system

For the VAG,PORSCHE,BMW,MINI,MERCEDES,SCANIA,JOHN DEERE vehicles the MyGenius device is able to recognize the correct protocol without any customer selection. The following chart will show you how to proceed for one of the above mentioned vehicle brands.
IF your vehicle brand is not one of the listed above please jump now to pg. 10

Connect the OBD II cable to MyGenius and to the vehicle diagnostic socket. On the device main menu select WORK, it will start the automatic detection of the correct protocol to be used.

MyGenius has properly identified the correct serial protocol for your car. Click OK and select WORK, depending on the protocol the device will be able to perform the reading or the identification only of the ECU software.

(1a) READING

(1b) IDENTIFICATION ONLY

1a) READING: select READING and follow the MyGenius procedures.

MyGenius tool has now properly read the ECU. Unplug the OBD II cable from the car and connect the USB cable to the MyGenius device and to the PC. To export the READING file from the device follow the instructions at pg.12 *file download* chapter.

1b) IDENTIFICATION ONLY: select ID and follow the MyGenius procedures.

MyGenius tool has now properly identified the ECU. Unplug the OBD II cable from the car and connect the USB cable to the MyGenius device and to the PC.
To export the ID file from the device follow the instructions at pg.12 *file download* chapter.

WARNING

* If the tool does not identify the ECU and does not identify the correct protocol to use, please read the operations of the chapter *special manual procedures* at pg 15.

2.Generic Brand Model Type protocol identification system

The MyGenius device is able to recognize the correct protocol with the Brand, Model, Type customer selection. The following chart will show you how to proceed for this specific situation where you have to select the correct model and type of the vehicle you want to work on.

Connect the OBD II cable to MyGenius and to the vehicle diagnostic socket. On the device main menu select WORK, the tool will show the vehicle brand therefore it is set up. Click SELECT button to continue and to choose the correct model and type of the vehicle.

WARNING

* if the model and type selected are correct but the device is not able to identify in automatic the protocol please read the *special manual operation 2s* at pg. 16

** if you select the wrong model or wrong type please check the *wrong selection* instruction at pg.17

2a) READING: select READING and follow the MyGenius procedures.

MyGenius tool has now properly read the ECU. Unplug the OBD II cable from the car and connect the USB cable to the MyGenius device and to the PC. To export the READING file from the device follow the instructions at pg.12 *file download* chapter.

2b) IDENTIFICATION ONLY: select ID and follow the MyGenius procedures.

MyGenius tool has now properly identified the ECU. Unplug the OBD II cable from the car and connect the USB cable to the MyGenius device and to the PC.
To export the ID file from the device follow the instructions at pg.12 *file download* chapter.

FILE DOWNLOAD

Connect MyGenius tool to the PC with the USB cable supplied in the kit, run MyGenius software and click on Download from MyGenius

The reading will be now transferred from the tool directly on the PC, just follow the instructions in order to save and send the file to the manager.

Please now just select the destination folder for the reading.

Now the file of the car has been saved on the PC. Please open the directory where you have just saved the file xxx.fpf and send it by e-mail to your Manager.
He will modify it then he will send the modified file back to you in order to be loaded on MyGenius tool.

FILE UPLOAD

After receiving the modified file from the manager please just save it on the desktop or in a specific directory of your PC. Then run MyGenius software and connect MyGenius tool to the PC with the USB cable supplied in the kit.

Please select the correct folder where you have saved the modified file sent by the Manager. Select that file and click on NEXT button.

On the NOTE you will see the related notes to the specific MOD file that manager sent you

The modified file has been correctly loaded on the device.
Close MyGenius software, unplug it from the PC.
MyGenius device is now ready to write the modified file on the car.

WRITING

Plug the OBDII cable of MYGENIUS to the OBDII socket of the vehicle and click on WORK . Follow the instructions to write the file into your car.

INFO will show the notes related to the MOD file written by the Manager. If on MyGenius have been loaded more than one MOD file you can select it clicking on the arrows ←/→
Click OK in order to continue the writing procedure with the MOD file selected.

Click OK, switch off the dashboard and unplug the OBDII cable of the MyGenius from the car socket. Switch on the engine and verify that there are no warning lights on the dashboard. The car is now tuned with the modified file.

SPECIAL MANUAL PROCEDURES

The special manual procedure starts on the device ONLY if the MyGenius tool is not able to identify the software of the ECU in automatic.
Depending on the two different protocol identification systems (read pg.8) there exist two different special manual procedures:

1s) special manual reading procedure for the totally automatic protocol identification system
2s) special manual reading procedure for the generic Brand Model Type protocol identification system

1s) After the first failed attempt of automatic identification MyGenius will guide you through the manual reading procedure.

MyGenius will ask you to choose the correct type of vehicle by Manufacturer → Model → Type

MyGenius will ask you to choose the correct protocol for your vehicle, IF more that one protocol is listed PLEASE contact your MANAGER in order to ask which one is the correct protocol to use.*

MyGenius has now properly identified the correct protocol. Click OK and start the procedure for the standard reading.

*** VERY IMPORTANT**

IF the client select the wrong protocol for the manual reading
before any new reading attempt it will be necessary to RESET the MYGENIUS tool.
In this case please refer to the RESET procedure page 18 → case 1.

2s) If during the standard reading procedure you selected the correct model and type but the MyGenius is not able to recognize the ECU software it will start the manual selection procedure.
MyGenius gives a specific message and offers a list of possible protocols for the reading/identification procedure.
The possible protocols to try can be more than one, contact your manager to have information about the correct one or just try them one at the time *.

*** VERY IMPORTANT**

IF the client choose the wrong protocol for the manual reading
before any new reading attempt it will be necessary to RESET the MYGENIUS tool.
In this case please refer to the RESET procedure page 18 → case 1.

WRONG SELECTION

If you are using the Generic Brand Model Type protocol identification system and for any reason you select the wrong vehicle model or wrong vehicle type the MyGenius device will give you a specific message.

MyGenius gives a specific message of wrong selection, click OK and the procedure will start again from the beginning until you perform the correct selection.

At this point go to pg.10 and follow the instructions for the *Generic Brand Model Type protocol identification system*

RESET PROCEDURE

VERY IMPORTANT

RESET procedure must be performed
ONLY in 3 cases :

1. during the manual reading procedures (check pg. 15-16) the client selected the wrong protocol to read or identify the ECU.

2. if the dealer (or anyone else), during a standard service (or any other programming operation with different tools), overwrites the original file present in the ECU with a newer software update (different ID) the MyGenius will not be able to write back any mod file. (N.B. before any service - or any other programming operation with different tools - the client must first always write back to stock the vehicle with the MyGenius).

3. if the dealer (or anyone else), during a standard service (or any other programming operation with different tools), overwrites the modified file present in the ECU with a newer software update (different ID) the MyGenius will not be able to write back any mod file. (N.B. before any service - or any other programming operation with different tools - the client must first always write back to stock the vehicle with the MyGenius.)

1. During the manual reading procedure MyGenius asks to select the correct protocol for the reading, IF the customer selects the wrong protocol the reading will be unsuccessful and the MyGenius tool needs to be reset through the RESET procedure.

After clicking on OK button, MyGenius will be ready for a reading procedure, please verify with the Manager which is the correct protocol to be used on this vehicle.

2. if the dealer (or anyone else), during a standard service (or any other programming operation with different tools), overwrite the ORIGINAL file present in the ECU with a newer software update (different ID) the MyGenius will not be able to write back any file.
(N.B. before any service - or any other programming operation with different tools - the client must first always write back to stock the vehicle with the MyGenius.)

In this case before the car service (or any other programming operation with different tools) the client wrote back to stock the car and the ECU has been reprogrammed with a newer software update (different ID) and the MyGenius is not able to write any file.

After click on OK button and MyGenius tool will be ready for a new automatic ID and reading on the vehicle with the new updated software version.
At the end of the reading the file MUST be downloaded on pc and sent to the manager for a new modified file.

*** VERY IMPORTANT**

Every time the vehicle needs the service (or any other programming operation with different tools) the client MUST first always write back the stock file with the MyGenius device because if during the service the dealer overwrite the modified file present in the ECU with a newer software update (different ID) the MyGenius tool will not write back any file and it will need a FORCED RESET procedure.
See case n.3 at pg. 20

3. if the dealer (or anyone else), during a standard service (or any other programming operation with different tools), overwrite the MODIFIED file present in the ECU with a newer software update (different ID) the MyGenius will not be able to write back any mod file.
(N.B. before any service - or any other programming operation with different tools - the client must first always write back to stock the vehicle with the MyGenius.)

In this case the client did not write back to stock the car before the car service (or any other programming operation with different tools), the modified file present in the ECU has been overwritten with a newer software update (different ID) and the MyGenius is not able to write any file.

The MyGenius needs a FORCED RESET procedure by the use of the MyGenius client sw and your manager help.
Connect the MyGenius device to the PC and run the MyGenius client software.

By clicking YES you accept to start the Forced reset procedure for your MyGenius device.

The software will warn about the situation and ask you to confirm the forced reset procedure.
Click OK.

By clicking OK the request is sent to your manager, you have now to contact your manager and tell him about the forced reset request you did.
The manager will tell you whether the procedure has been properly accepted and he will upload a specific command for your MyGenius device.

As soon as you receive the OK from the manager you can run the MyGenius software with the device connected via USB, the software will ask you to perform a mandatory update in order to download the specific command. At the end of the update the device will be ready to perform a new identification – reading procedure.

BRAND CHANGE REQUEST

Due to several reasons the client can decide to use the MyGenius device on a different vehicle from the first one. There are 2 different types of situations:

1. Brand change request after writing a mod file on the previous vehicle
2. Brand change request after writing back the original file on the previous vehicle

For both cases in order to change the pre-set Brand on the device the client must connect the device to the PC and run the MyGenius client software.

1. If the tool has already written a mod file on a vehicle and after tuning that car the client wants to use the same device on a different vehicle check the instructions here below.

By clicking YES you accept to start the brand change request procedure for your MyGenius device.

The software will ask if you want a standard brand change request or a forced brand change request. If you do not want to write back first the original file on the previous vehicle and leave the previous vehicle modified just click OK.
IF you write back to stock the vehicle go to pg.23

By clicking OK the request is sent to your manager, you have now to contact your manager and tell him about the performed procedure. The manager will tell you whether the procedure has been properly accepted and he will upload a specific command for your MyGenius device.

As soon as you receive the OK from the manager you can run the MyGenius software with the device connected via USB, the software will ask you to perform a mandatory update in order to download the specific command. At the end of the update the device will be ready to perform a new identification – reading procedure on the desired vehicle.

2. If the tool has written back the stock file into the vehicle and the client wants to use the same device on a different vehicle check the instructions here below.

By clicking YES you accept to start the brand change request procedure for your MyGenius device.
The software will ask to decide if you want a normal brand change request or a forced one. In this case you should already have written the original file back on the previous vehicle and you want to use the device on a different vehicle. Click OK to continue.
The software ask you to perform the RESET function on the device. Now you have to go in the main menu of the tool and perform the RESET function on the device.

MyGenius gives you a Man. Code (ex. EC489926). You must communicate it to your Manager.
Meanwhile you wait for the Manager code to unlock the tool the software will confirm the requested operation.

When you have the Manager code you must set the 4 digit in the 4 box.

By clicking OK you can run the MyGenius software with the device connected via USB, the software will ask you to perform a mandatory update in order to download the specific command. At the end of the update the device will be ready to perform a new identification – reading procedure on the desired vehicle.

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