

**ECU**  
REMAPPING

CARS/TRUCKS/TRACTORS  
**MODULES**

MOTORBIKES  
**MODULES**

POWER TEST  
**BENCHES**



*Flash*  
**POINT**

**NEW TRASDATA**

***User manual***

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# 1 LICENCE AGREEMENT AND WARRANTY

## 1.1 Product Warranty

DIMSPORT S.R.L. warrants that the product is free of inherent defects in accordance with Italian Legislative Decree 206/05.

### Procedure

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If the purchaser wishes to exercise the rights contained in these warranty conditions, he/she must contact 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

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For any type of repair work on products, the purchaser must contact DIMSPORT Technical Support Service to request the R.M.A. number, notifying in writing, when requesting the R.M.A.:

- Product serial no.
- Fault reported

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 must be indicated in the document accompanying the goods and on the packaging.

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## 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 warranty of 24 months from the date shown on the invoice/purchase receipt.

If the product manifests operating problems beyond the warranty terms, or the warranty does not apply, the purchaser should 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 prior agreement with the purchaser, not to carry out the repair when product reset or repair uneconomic, taking into account the value of the product and the cost of the work required.

Repair work not authorised by  
Dimsport – Tampering

**ATTENTION**

*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.*

## 1.2 User license, conditions of use and warranty

### Software licence agreement

<b>1. Attention</b>	<hr/> <p>Installation and subsequent use of the software by the User imply acknowledgement and acceptance of the terms and conditions of this Licence Agreement in respect of DIMSPORT S.R.L..</p> <p>Before installing and using the Software, read and understand this Licence Agreement.</p>
<b>2. Purpose</b>	<hr/> <p>This document defines the contents of the Licence granted by DIMSPORT S.R.L. to the User of the Software in the possession of the User who has legitimately acquired it.</p>
<b>3. Indivisibility</b>	<hr/> <p>The Software is licensed as a single unit, even if can be technically separated into its individual components. Under no circumstances may the individual components be extracted for separate use, unless this is expressly permitted in this Licence or by applicable law.</p>
<b>4. Intellectual and industrial property rights</b>	<hr/> <p>All rights concerning the Software and/or the database to which the User is granted access (including, by way of example but not limited to, any image, logo, trademark, photograph, animation, video, audio, music, text, "applet" and update) as well as the graphic layout of the Software itself are the property of DIMSPORT S.R.L. and come under the protection of pertinent Italian and international laws.</p> <p>All documentation provided in analogue or digital form with the Software (including but not limited to: user manuals, instruction guides and operating manuals) is subject to copyright and may not be copied, photographed, reproduced, translated or converted to electronic means, in whole or in part, without the prior written permission of DIMSPORT S.R.L..</p> <p>All rights to the commercial exploitation and use of the Software, to the Data Base and whatsoever accompanies or completes it, not expressly granted to the User herein, shall remain the exclusive property of the Licensor.</p> <p>The use of the Software by the User shall in no way constitute in their favour rights or claims of any kind concerning it.</p> <p>The User shall ensure full cooperation, where needed, in order to ascertain the ownership of the rights of DIMSPORT S.R.L., fulfilling any and all appropriate requirements to ensure its utmost protection.</p> <hr/>

## 5. Software Licence

The Software is consigned to the User as a non-exclusive Licence for Use that can only be transferred within the limits defined below.

The User may use the Software in accordance with the purpose for which it has been produced and sold, in compliance with the recommendations of use and the technical specifications provided by the Licensor, to the extent set forth in this Licence.

The software may be transferred by the User to another person only if accompanied by this Licence Agreement and shall result in the loss, by the transferor, of their right to use the software.

Consequently, each copy of the software in their possession must be immediately removed from any media that is available to the transferor.

The transfer of the software by the User to third parties does not give to the transferee any right of use of services associated with the legitimate use of the software, such as access to the private web area and the technical support provided by DIMSPORT S.R.L.. If the new licensee is interested in benefitting from additional services, it must contact DIMSPORT S.R.L. directly and sustain the corresponding costs of the services on offer.

In addition to the foregoing provisions, it is expressly forbidden for the Licensee to copy, distribute, spread, communicate or make available, for whatever reason, the software or copies thereof or otherwise allow their use by third parties, as well as to disassemble, decompile, decode, perform reverse engineering, alter all or part of the Software, add parts or integrate it into other software, except to the extent expressly permitted under applicable regulations.

## 6. Protection against copies

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It is illegal to make unauthorized copies of the Software, or circumvent the copy protection technology contained in the Software or to copy, in whole or in part, the contents of the database without the consent of the legitimate holder.

The User declares to be aware of this fact and may not claim good faith in their favour, in the event of violation of these Terms of Use.

If the User has to prepare a backup copy of the Software, this can be requested from DIMSPORT S.R.L. after specifying the reasons.

Any backup copies will remain subject to the same limitations as the original as referred to herein and may be used only and exclusively to recover the original if it is lost or irreparably damaged.

**INFRINGEMENT OF THE LICENCE CONDITIONS AS PER 3, 4, 5 AND 6 WILL RESULT IN IMMEDIATE TERMINATION OF THIS AGREEMENT AND THE SUBSEQUENT FORFEITURE BY THE USER TO ANY RIGHT TO USE THE SOFTWARE.**

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**7. Conservation of effects**

If one or more parts of this agreement are inconsistent with applicable laws, they shall be deemed void, invalid and/or otherwise ineffective. These Licence conditions, however, will retain their effectiveness between the parties with regards to the parts not invalidated.

**8. Applicable Law, Resolution of Disputes and Place of Jurisdiction**

This agreement is governed and regulated by Italian law.  
For all matters not expressly provided herein, the provisions of Italian law shall apply.  
Any and all disputes arising from the interpretation, execution and validity of the general terms and conditions of this agreement come under the jurisdiction of – unless otherwise provided for by mandatory law – the Court of the place of residence or domicile of the User, should the latter be considered as a "consumer" pursuant to current law, otherwise exclusively through the Court of Vercelli, Italy.

**9. Communication**

The Licensor DIMSPORT S.R.L. has head offices in Località San Iorio 8/B, 15020 Serralunga di Crea – Italy.  
Any communication or complaints should be sent to that address, or by fax to +39 0142940094 or by e-mail to [info@dimsport.it](mailto:info@dimsport.it).  
Communications and complaints sent to other addresses will not be taken into account for the purposes of this Licence agreement.

**10. Language**

These general Licence terms and conditions are drafted in Italian and translated into English, French; Spanish, German and Portuguese.  
In the event of any discrepancy between the different texts or doubts about their interpretation, the Italian text will take precedence.

The Licensee declares having read and understood this Disclaimer in all its parts and agrees to be bound by the terms and conditions set forth herein.

The Licensee also recognizes that this Disclaimer is a complete and exclusive agreement with the Licensor and that it supersedes any prior oral or written agreement, any proposal and/or previous communication on the subject matter of this agreement.

## Terms of use and warranty

Please read the following carefully before starting to use the tools and programs provided by DIMSPORT S.R.L.  
The use shall involve the full comprehension and acceptance of this statement.

DIMSPORT S.R.L. supplies several kits comprising PC software (Race Evo, Flash Point, DS Manager, My Genius Client, Trasdata, Rapid Bike Master, Rapid TPM) and tools (New Genius, My Genius, Trasdata, New Trasdata, Rapid Bike, Rapid) exclusively for race circuit competition purposes.

These tuning kits allow the user to manipulate and alter the engine working parameters. Consequently, the use of these products could make the vehicle not conformed to the official requirements established in your Country for what concerns speed, power level, emission levels. Moreover, it could imply higher or different levels of deterioration of mechanical and electric parts of the vehicle. The use of these products could also determine the decadence of the official warranty supplied by the manufacturer/dealer.

The above mentioned kits supplied by DIMSPORT S.R.L. must be used only after carefully reading the instructions and the technical documentation provided, and only in accordance with what is indicated and suggested therein.

The products provided may allow the user to alter vehicle performance; consequently, the vehicle itself may react differently compared to the standard condition as indicated by the manufacturer.

Maximum caution is therefore required when driving the vehicle after the intervention.

The software and tools provided are designed and manufactured exclusively for sport applications in race circuits. Under no circumstances should the products be used to infringe or circumvent any national laws in the country of use, on pain of immediate termination of the license agreement.

The user, on acceptance of this license agreement, agrees and declares that any operation performed using the tools and software produced/supplied by DIMSPORT S.R.L. will be carried out on race circuits for competition purposes only, under his own exclusive responsibility.

Except for any specific warranty, conditions or imperative declarations that cannot be excluded or limited by applicable law in the jurisdiction of the user, the Software/Firmware is supplied by DIMSPORT S.R.L. on an "AS IS" basis, defects included. Consequently, it excludes whatever warranty, condition or declaration of any kind expressed, included or envisaged by law, common law or custom including but not limited to the warranties of integration, merchantability, peaceful enjoyment and satisfactory quality, i.e. fitness for purpose.

DIMSPORT S.R.L. shall in no event be liable as regards the User for any loss, damage, claim, or cost, including any indirect or incidental consequential damages, lost profits or lost revenues, damages resulting from business interruption, personal injury or breach of due diligence, or claims of third parties, even if a DIMSPORT S.R.L. representative has been advised of the possibility of such loss, damage, claim or cost.

**The foregoing limitations and exclusions shall apply to the fullest extent permitted by law in the user's jurisdiction.**

**The overall liability of DIMSPORT S.R.L. under or in connection with this Agreement shall also be limited in the event of a material or substantial infringement of this Agreement or an infringement of material or substantial terms thereof.**

## 2 INTRODUCTION

### 2.1 Technical specifications

- Aluminum case with steel fronts
- 32 Bit microprocessor with 512 Mbyte internal, protected flash memory
- 256 Mbyte SDRAM memory
- File storage memory on 1 GB Secure Digital (SD) (expandable to 4 GB)
- 1 DB15 connector
- 1 IDC26 connector
- DC2 connector for device power supply, voltage from 12V to 24V
- Connection to PC through FULL SPEED USB 2
- LEDs for DC2 device power, USB data connection, ECU power and VKEY power
- Operating temperature and storage between 0°C and 50°C

### 2.2 Characteristics

- Microprocessor internal EPROM read/write
- External EPROM read/write (AM29BL802C, M58BW016DB ..)
- EEPROM CAC Serial read/write
- ECU complete read/write: saving memories stored in a single **DIM** file

#### 2.2.1 List of supported microprocessors and communication modes



#### ATTENTION

*The communication mode may vary depending on the vehicle model in which the control unit with the indicated processor is mounted.*

- Freescale/ST MPC56xx SPC56x (JTAG / BAM / BENCH mode)
- Freescale/ST MPC57xx SPC57x (JTAG / BAM / BENCH mode)
- Infineon Aurix SAK-TC2xx TP/FREESCALE SPC5777M (BOOT / DAP / BENCH mode)
- Infineon Tricore (BOOT / BENCH mode)
- Infineon XC2000 (BENCH mode)
- Mitsubishi MH72xx/MH82xx (BOOT / BENCH mode)
- Motorola HC12 (BDM / BENCH mode)
- Motorola MC68xxx (BDM mode)
- Motorola MPC5xx (BDM / BENCH mode)
- Motorola MPC55xx (JTAG / BAM / BENCH mode)
- Nec 76F00xx (NBD mode)
- Renesas M16C (BOOT mode)
- Renesas M32R (BENCH mode)
- Renesas RH850 (BOOT / BENCH mode)
- Renesas SH705x (AUD-BOOT / JTAG / BENCH mode)
- ST Microelectronics ST10xxx (BOOT mode)



## 2.3 Kit composition

**K34NT001** - New Trasdata.

REF	CODE	DESCRIPTION
1	<b>F34NEWTRASDATA</b>	N.1 Programmer New Trasdata
2	<b>C32GNALIM12V</b>	N.1 220V 12V power supply
3	<b>C32GNUSB01</b>	N.1 Programmer - Computer USB cable
4	<b>F32GN003</b>	N.1 Battery "crocodile" power cable
5	<b>F32GN037-D</b>	N.1 DB15 adapter for BOOT R/W operations
6	<b>F32GN037-D-S1</b>	N.1 set of terminal wires - long version for DB15 adapter
7	<b>F32GN037-D-S2</b>	N.1 set of terminal wires - short version for DB15 adapter
8	<b>F32GN038</b>	N.1 DB15 adapter cable for MEDC17
9	<b>F34NTA15-B</b>	N.1 Flat cable IDC26/16 for CAN/GPT connection
10	<b>F34NTA18-B</b>	N.1 Flat cable IDC26/16 for SSM connection
11	<b>F34NTA22</b>	N.1 e-GPT adapter
12	<b>F34NTA22-S1</b>	N.1 Connection cable between e-GPT adapter and terminals
13	<b>F34NTA22-S2</b>	N.1 60 cm connection terminals
14	<b>F34NTA22-S3</b>	N.1 20 cm connection terminals
15	<b>F34NTA22-S5</b>	N.1 60 cm connection terminals for BOSCH MDG1
16	<b>F34NTA22-S6</b>	N.1 20 cm connection terminals for BOSCH MDG1
17	<b>F34NTA22-S7</b>	N.1 Cable for connection to BOSCH EDC7 control units
18	<b>F34NTA22-S8</b>	N.1 Cable for connection to BOSCH EDC7C3 control units

### 2.3.1 Optionals

**K34DIMA** - metal template with support for New Trasdata.

**K34NTDIMAL06** - metal template adapter kit

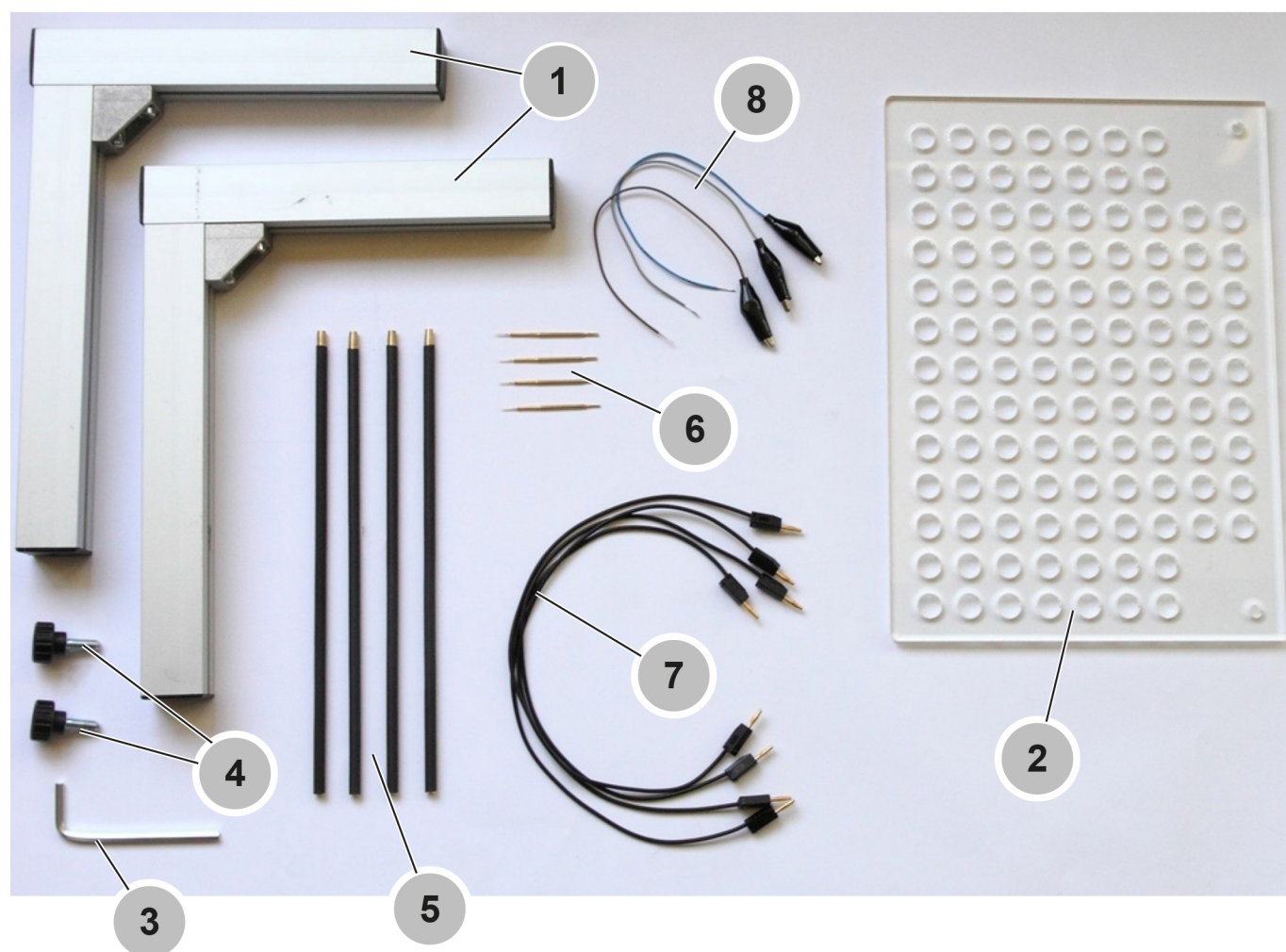
CODE	DESCRIPTION
F34DM001	N.1 Adapter template for DELPHI ECU
F34DM002	N.1 Adapter template for BOSCH ECU
F34DM003	N.1 Adapter template 1.27
F34DM004	N.1 Adapter template for SIEMENS ECU (requires F34DM003)
F34DM005	N.1 Adapter template for MARELLI ECU (requires F34DM003)
F34DM009	N.1 Adapter template for DELPHI 02 ECU
F34DM010	N.1 Adapter template for MED7 ECU with ST10 micro
F34DM011	N.1 Adapter template for MEDC17 ECU with scrambled CPU
F34DM012	N.1 Adapter template for MARELLI MPC55xx JTAG ECU
F34DM013	N.1 Adapter template for DELPHI MPC55xx JTAG ECU
F34DM014	N.1 Adapter template for DENSO ECU CN1 AUD
F34DM015	N.1 Adapter template for DENSO ECU CN1 BOOT
F34DM016	N.1 Adapter template for DENSO ECU CN2 AUD
F34DM017	N.1 Adapter template for DENSO ECU CN2 BOOT
F34DM019	N.1 Adapter template for DENSO ECU CN3 BOOT
F34DM023	N.1 Adapter template for DENSO – NEC NBD 20 pin ECU
F34DM024	N.1 Adapter template for DENSO – NEC NBD 26 pin ECU
F34DM025	N.1 Adapter template for MARELLI – MPC56XX_SPC56X ECU
F34DM032	N.1 Adapter template for CONTINENTAL SID208/209 ECU
F34DM033	N.1 Adapter template for CONTINENTAL SID807 ECU
F34DM036	N.1 Terminal for adapter template F34DM037 (2.54) e F34DM038 (1.27)
F34DM037	N.1 Terminal for adapter template F34DM036 (2.54)
F34DM038	N.1 Terminal for adapter template F34DM036 (1.27)

**Optional metal frame adapters not included in the kit K34NTDIMAL06**

CODE	DESCRIPTION
F34DM008	N.1 Adapter template for control units BOSCH MPC5xx EDC7 (requires F34DM003)
F34DM021	N.1 Adapter template for control units TRW MPC5554 Volvo Industrial vehicles
F34DM022	N.1 Adapter template for control units EFI – T6 MPC55xx JTAG
F34DM026	N.1 Adapter template for control units BOSCH EDC17C59
F34DM028	N.1 Adapter template for control units BOSCH MED17.9.7 LAND ROVER
F34DM029	N.1 Adapter template for control units BOSCH MED17.5.5 VAG
F34DM030	N.1 Adapter template for control units BOSCH MEDC17.9 LAND ROVER
F34DM031	N.1 Adapter template for control units SIEMENS PCR2.1 VAG
F34DM039	N.1 Adapter template for control units CAMPI LIE LAMBORGHINI

### K34DIMABNP – BNP template

REF	CODE	DESCRIPTION
1	<b>C34ACD003</b>	N. 2 pre-assembled L-shaped support brackets
2	<b>C34ACD006</b>	N. 1 transparent drilled plate
3	<b>C34ACD001</b>	N.1 hex wrench for bracket adjustment
4	<b>C34ACD002</b>	N. 2 plate clamping knobs
5	<b>C34ACD007</b>	N. 4 needle-holder rods
6	<b>C34ACD008</b> <b>C34ACD009</b> <b>C34ACD010</b>	N. 4 needles
7	<b>C34ACD005</b>	N. 4 connection cables with banana terminals
8	<b>F34ACD004</b>	N. 3 crocodile and loose wire terminals



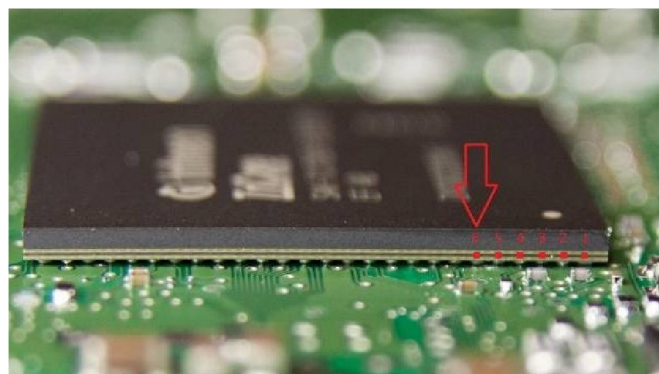
**C34ACD012 / C34ACD013** – insulated micro-hook pliers kit.

For a correct connection on the microprocessor pads we suggest to use the specific micro pliers supplied in the kit C34ACD012 (n°10 pliers) / C34ACD013 (n°3 pliers).



### ATTENTION

***Do not use other types of micro pliers: only this model is fully insulated. The risk is irreversible damage to the microprocessor.***



## 2.4 Description of indicator lights and connectors

**DIGITAL PORT:** Digital port for connecting flat cables IDC26.

**ANALOGUE PORT:** Analogue port for connecting the universal cable F32GN037-C/D.



**DC IN:** Port for connecting 12 V power supply (200 V mains) or battery power cable F32GN003.

**USB IN:** USB cable connection port for connection to PC.

**ECU/ON:** Indicator lamp for ECU power supply status.

- Indicator light ON: power supply activated
- Indicator light OFF: power supply disconnected

**KEY/ON:** Indicator light for ECU power supply status.

- Indicator light ON: power supply activated
- Indicator light OFF: power supply disconnected

**POWER:** Indicator light for ECU power supply status. NewTrasdata

- Indicator light ON: power supply activated
- Indicator light OFF: power supply disconnected

**DATE:** USB port-PC communication status indicator light.

- Indicator light ON: uSB port connected to the computer
- Indicator light OFF: uSB port not connected to the computer





## 3 PRECAUTIONS FOR CORRECT USE OF FLASH POINT

### 3.1 Introduction

To ensure correct use of the Flash Point system, the computer must comply the minimum requirements and you must take precautions while using the system.

### 3.2 Minimum system requirements

- Intel/AMD Processor (Dual-Core)
- 3 GB RAM
- OS Windows 10 64 bit or higher
- Minimum screen resolution 1600x900
- Maximum Full HD resolution 1920x1080
- 2 USB ports (Type A or C)
- HDD at least 500 GB
- Fast Internet connection

#### NOTICE

Windows on ARM architecture, Mac, Linux systems and virtual machines are not supported.

#### NOTICE

An Internet connection is required to activate the boot, ID, read and write functions of the New Trasdata system.

### 3.3 The precautions to be followed during read and programming operations with the New Trasdata tool:

- Always check the connections made and strictly follow the indications given in the specific connection manual for the type of ECU you are working on.
- Always use the latest version of the New Trasdata Operative System. (T.O.S.).

#### NOTICE

Flash Point software must always be updated to the latest version.



#### ATTENTION

***Failing to comply with the connections provided in the specific manuals may cause malfunctions and/or damage to the ECU.***

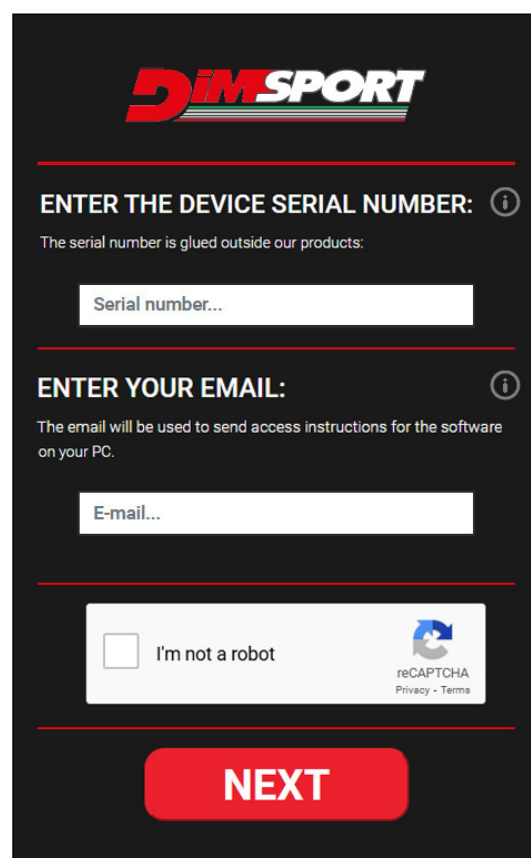


## 4 SOFTWARE DOWNLOAD

1. Scan the following QR code using your smartphone:



2. A web page will open in your smartphone browser: fill in the fields with the required data, check the "I'm not a robot" box and press the **Send** button.




The screenshot shows a registration form on a smartphone screen. At the top is the DIMSPORT logo. The form has three main sections: 1. 'ENTER THE DEVICE SERIAL NUMBER:' with a text input field labeled 'Serial number...'. 2. 'ENTER YOUR EMAIL:' with a text input field labeled 'E-mail...'. 3. A reCAPTCHA section with a checkbox labeled 'I'm not a robot' and a 'reCAPTCHA' logo with links for 'Privacy' and 'Terms'. At the bottom is a large red button labeled 'NEXT'.

3. An email will be sent containing the link to download Flash Point.

### FlashPoint

**Flash Point** is the system designed by Dimsport to perform ECU tuning taking advantage of your calibrator Manager experience. Send, receive and program files in complete safety.



[Download setup](#)

[Download FP New Genius manual](#)

[Download FP New Trasdata manual](#)

## 5 SOFTWARE INSTALLATION

### 5.1 Introduction

#### NOTICE

Before starting to work on the car, the most recent setup of Flash Point software must be installed.

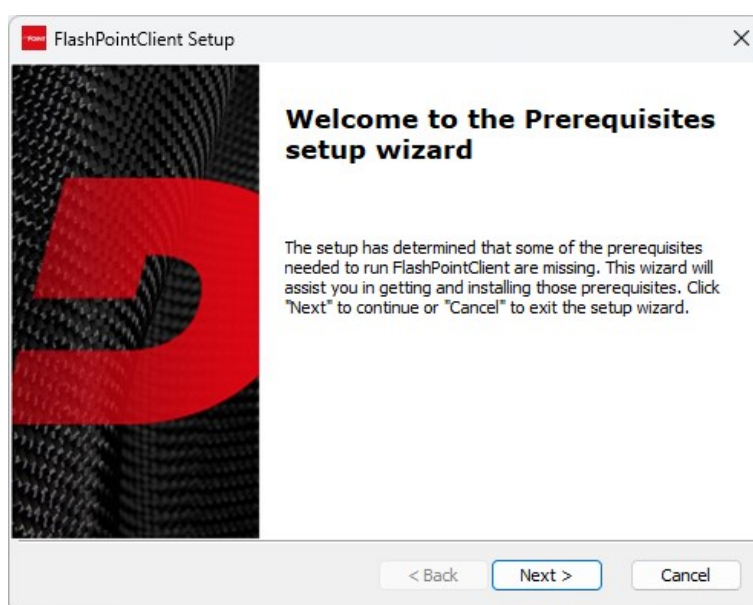
and all the ftp data from your Race- Manager.

The complete installation can be done by follow 3 steps:

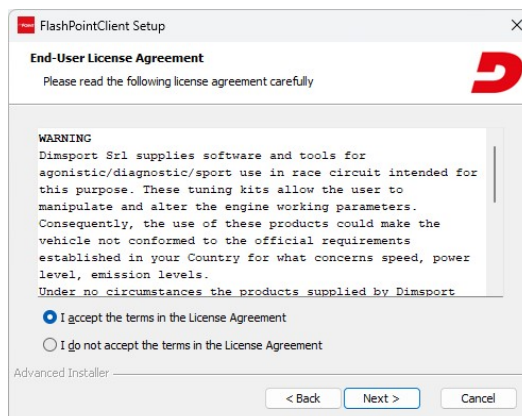
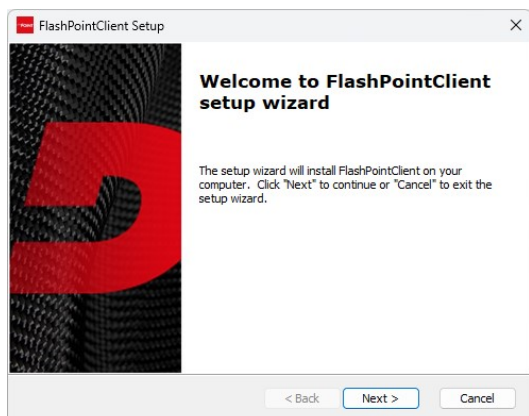
- Ask your Manager for the latest FTP information
- Software Installation Flash Point
- Updating software Flash Point and tool New Trasdata

### 5.2 Installation procedure


1. Unzip the previously downloaded **FlashPoint\_setup.zip** archive and run the executable file inside.
2. The program will install any missing components that are essential for its operation, and will verify that the PC meets the minimum requirements.



3. Follow the guided procedure and click **Next** when prompted.

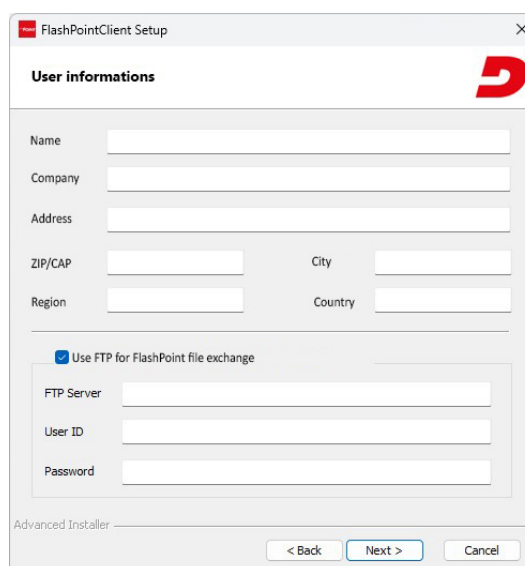


4. Enter your company information here.

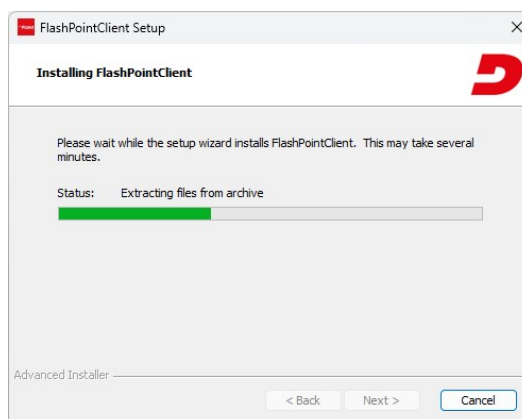
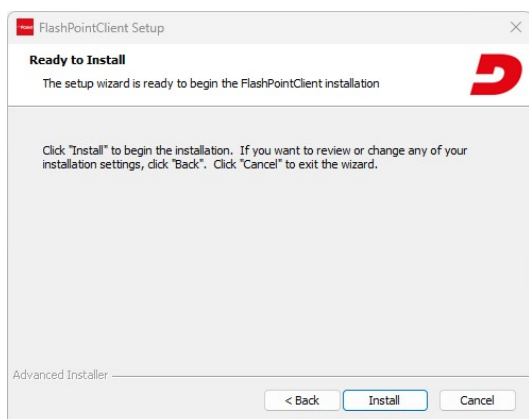
 **ATTENTION**

**The FTP service for the file exchange between Manager and Flash Point is automatically enabled upon installing the software.**

**If your Manager uses his/her own FTP, tick the USE FTP FOR FLASHPOINT FILE EXCHANGE option and enter the credentials that the Manager should provide you.**



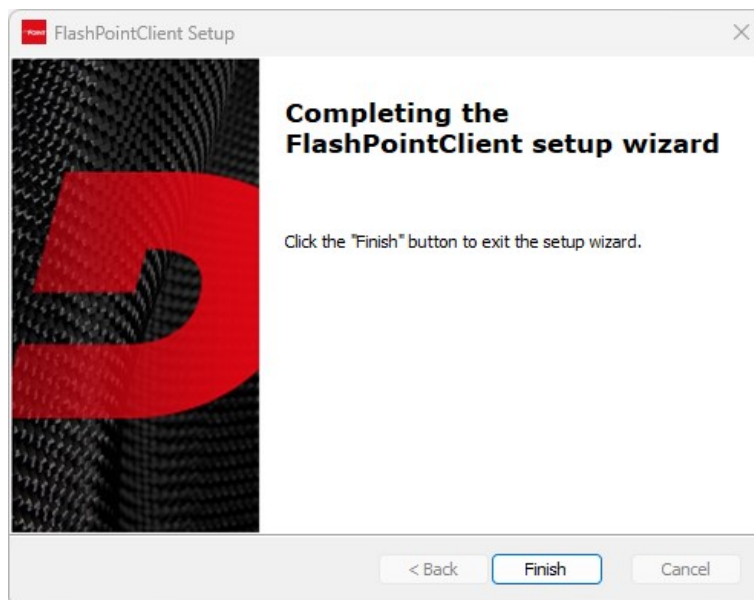
5. Click on the **Install** button.



## NOTICE

The default installation folder for the program is 'C:\Race2000'.

6. This is the confirmation screen of a correct installation.



### 5.3 Flash Point OPEN 2

For Flash Point OPEN2, DO NOT tick the **USE FTP FOR FLASHPOINT FILE EXCHANGE** option.

After connecting New Genius and/or New Trasdata to the PC the system will automatically configure the software for OPEN 2 operations.

A screenshot of the 'FlashPointClient Setup' window, 'User information' tab. The title bar says 'FlashPointClient Setup'. The main area has a red 'D' logo in the top right corner. Below the logo, the text 'User information' is displayed. There are several input fields: 'Name', 'Company', 'Address', 'ZIP/CAP', 'City', 'Region', and 'Country'. Below these fields, there is a checkbox labeled 'Use FTP for FlashPoint file exchange' which is currently unchecked. Below the checkbox, there are three more input fields: 'FTP Server', 'User ID', and 'Password'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

## 5.4 Converting a Flash Point system from normal to OPEN 2.

If the system has been already used in normal configuration and is reconfigured as OPEN 2, the user must first update the software and tools and then modify the file exchange system.

Open the **SHOW - OPTIONS - ADVANCED** MENU (THE password IS **FPSetup**) and clear the tick from the **USE FILE EXCHANGE SERVICE** option as shown in the following image:

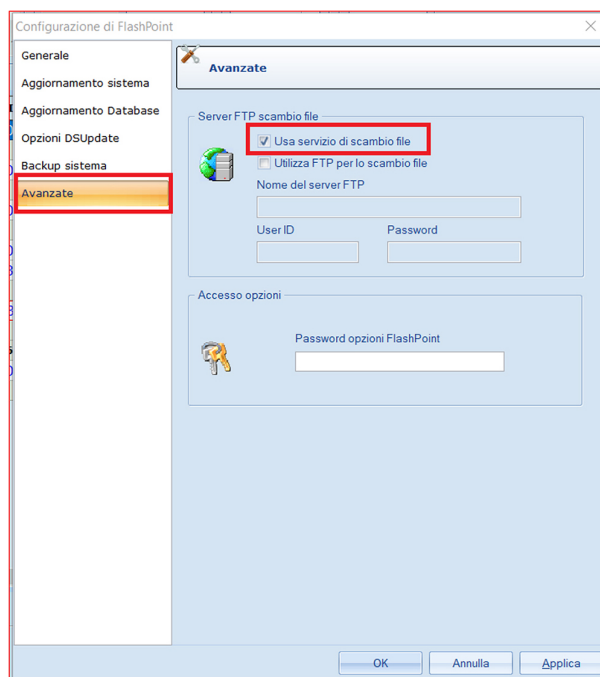


### ATTENTION

**All the files (ORIGINAL and MODIFIED) previously managed as a normal Flash Point WILL NO LONGER be usable after the reconfiguration to OPEN 2.**

**However, the files will remain displayed in the FILE LIST to continue the correct numbering.**

**Otherwise, it is possible to reinstall the Flash Point software by restarting the numbering from the beginning. In this case, the previous files will be lost.**



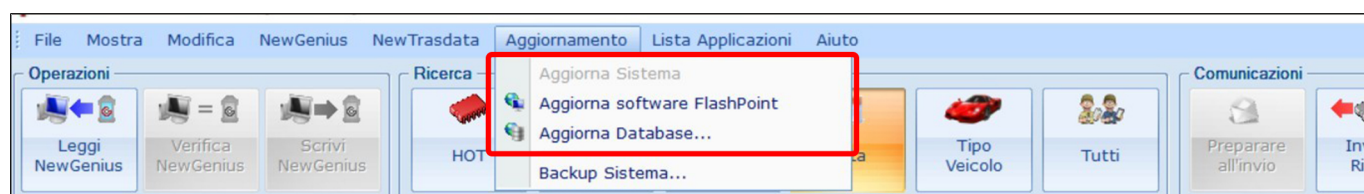
## 6 FIRST USE

### 6.1 System update

Make sur you have a good internet connection.

Always perform the automatic updates required by the software on start-up.

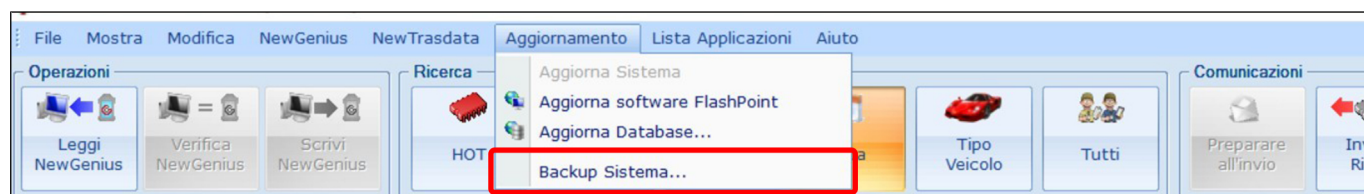
- **UPDATING - SYSTEM UPDATE** to update the software and the connected device.
- **UPDATING - SOFTWARE UPDATE** to update only FlashPoint software.
- **UPDATING - DATABASE UPDATE** to update only the database



### 6.2 System Backup

- **UPDATING - SYSTEM BACKUP** .. and select the destination folder where the system should save a copy of the database.

After reinstalling the software copy the files to the directory **C:\Race2000**.



## 7 OPERATING PROCEDURES

### 7.1 Introduction

The main work sequence for a client takes place in these few steps:

1. Vehicle feasibility check
2. ECU read and data save
3. Sending the read file to your manager
4. Receiving the modified file form your Manager
5. Writing the modified file to the ECU
6. Rewrite original files if necessary

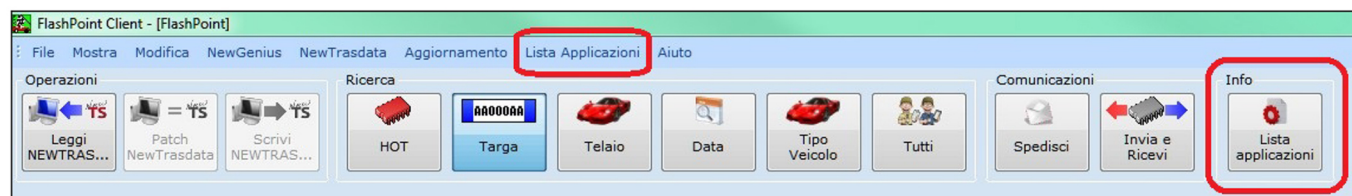


## 7.2 Vehicle feasibility check

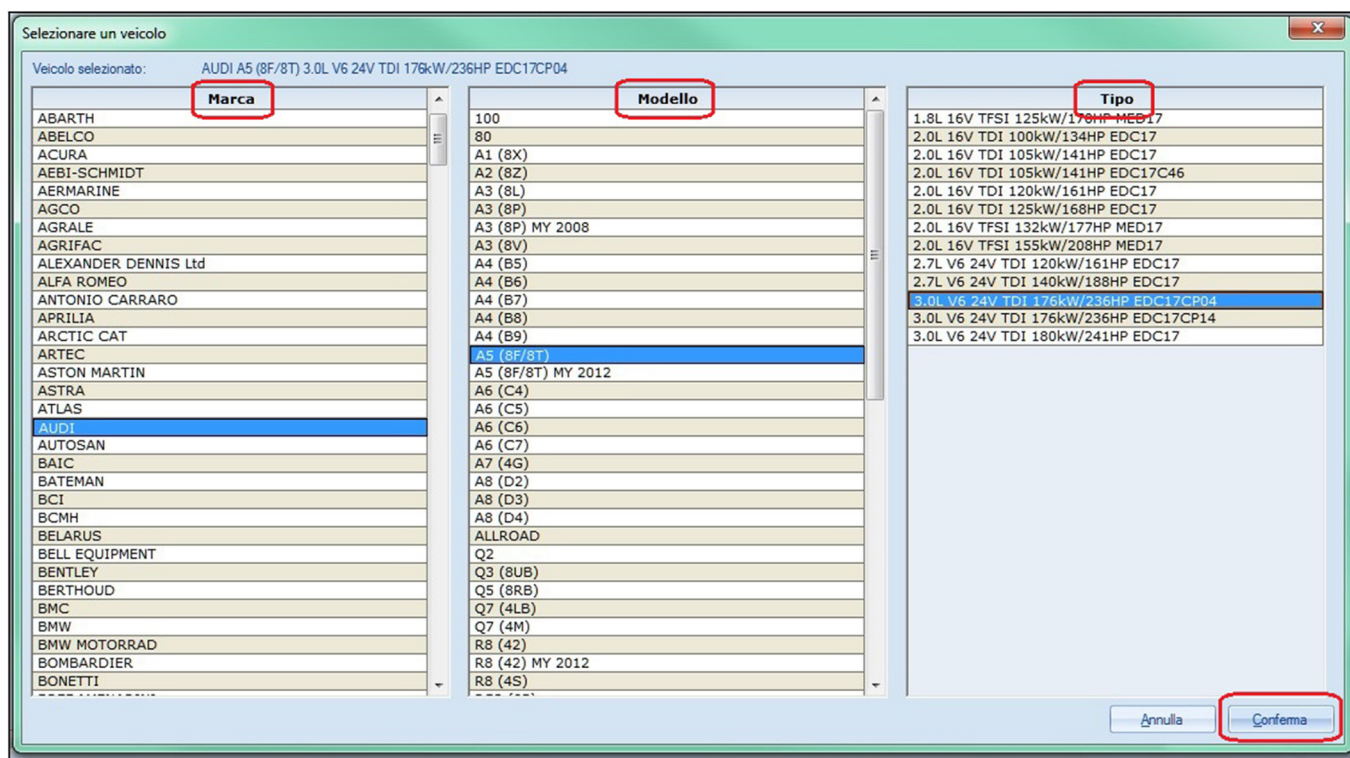
Before starting any work and removing the ECU from a vehicle, we strongly recommend that you check:

- if ECU is supported by the instrument
- the type of connection required
- what cables/heads/accessories are required

This simple check can be carried out by consulting the **APPLICATIONS LIST**.

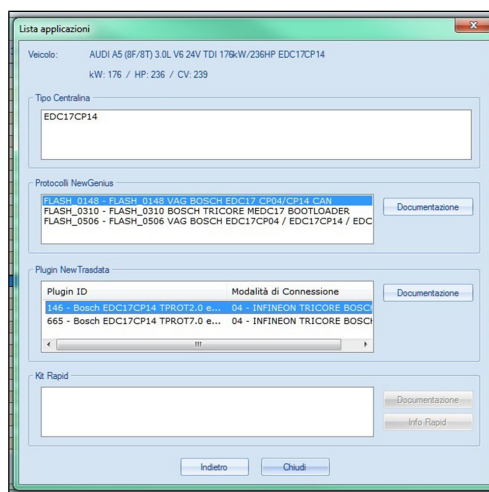


On opening this function, simply select the precise **BRAND**, **MODEL - TYPE OF VEHICLE**, click **CONFIRM** and a tab will appear with information about the products that can be used on that vehicle.



In this case, we can see:


- **ECU type or Id code**
- **NOTES:** this field can be useful for the client to send comments/requests/information concerning this file to his/her manager.
- **Plugin NewTrasdata:** if a plugin number is present, the ECU can be managed with the instrument and if you click on the **DOCUMENTATION** button, you can see the pertinent manual.
- **Rapid Kit:** (if present) is an additional module/ECU that can be installed on the vehicle




You can now open the documentation you are interested in and then:

- See photos of the ECU
- Check the various connection possibilities
- Check which cable/accessories are needed to read/program the ECU

Some sample screens are provided below for possible wire or template connection.




Commento Condividi


VER 02.02


BOSCH\_EDC17C64\_IROM\_TC1797\_GPT\_VAG

EDC17C64 VAG / EDC17C54 VAG



Dimsport s.r.l. - 15020 Serralunga di Crea (AL) - Italy - Tel. +39014295201 - WEB : [www.dimsport.com](http://www.dimsport.com)

- 2 -

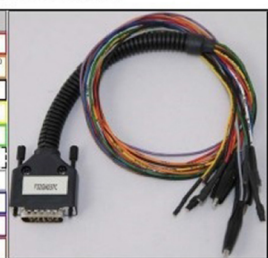

VER 02.02

BOSCH\_EDC17C64\_IROM\_TC1797\_GPT\_VAG


**CONNETTORE ECU**

Utilizzare il CABLAGGIO F32GN037C per connettersi al connettore della centralina nelle modalità FILI LIBERI. Non utilizzare tale collegamento se si usa la connessione con DIMA. Assicurarsi che il led POWER (rosso) sul NEW TRASDATA sia acceso.

COLORE FILO WIRE COLOUR	DESCRIZIONE DESCRIPTION
ROSSO	POSITIVO DIRETTO
NERO	POWER BATTERY
ARANCIO	POSITIVO SOTTO QUADRO
ORANGE	POWER SWITCH ON
NERO	MASSA
BLACK	2ND
GRIGIO	2ND
YELLOW	2ND
VERDE	CAN LOW
VERDE	CAN LOW
BIANCO	CAN HIGH
WHITE	CAN HIGH
GRIGIO	POLE
GREY	POLE
BLU	POLE
BLU	POLE
ROSSO/VERDE	TENSIONE REG.
RED/GREEN	TENSIONE REG.
ROSSO/VERDE	REG. VOLTAGE
RED/GREEN	REG. VOLTAGE
GRIGIO	RESET
GREY	RESET

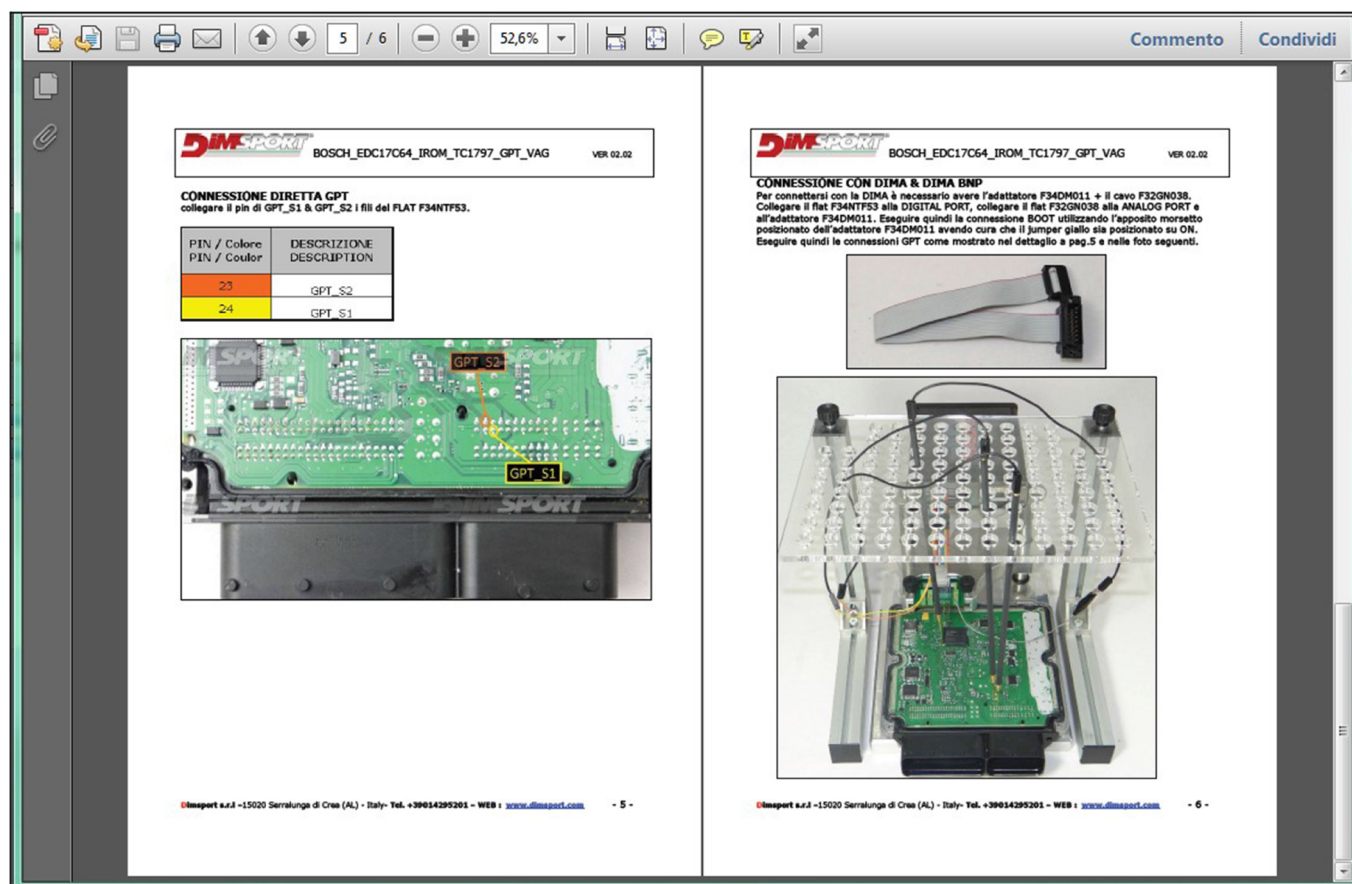


**CONNESSIONE FILI LIBERI**



Dimsport s.r.l. - 15020 Serralunga di Crea (AL) - Italy - Tel. +39014295201 - WEB : [www.dimsport.com](http://www.dimsport.com)

- 3 -



If you have the various components required to work on the ECU, you can now remove it from the vehicle and then open it.



**Take great care when opening the ECU covers!**  
**Unsuitable operations can cause breakages.**

## 7.3 ECU read and data saving

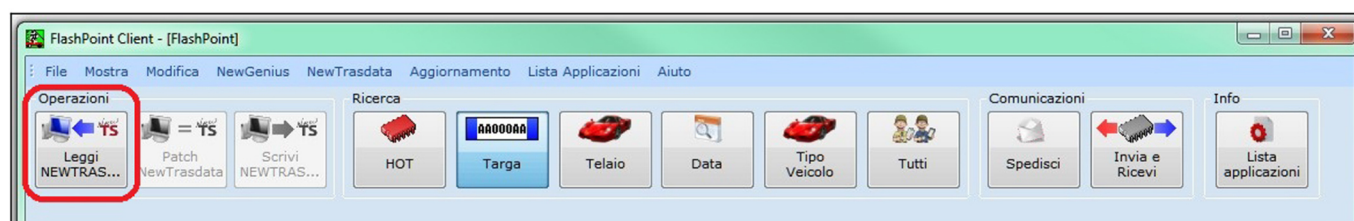
### 7.3.1 Preparing to read

After opening the ECU covers and especially when they are sealed with silicon on the edge or the centre, we strongly recommend refitting the ECU in the vehicle to ensure that it starts up normally.

Everything must work correctly; otherwise, if there are any problems, they may have been caused by damage to the electronic circuit board during un-gluing and opening stages.

After these initial checks, you must proceed by ensuring that the electronic board in the ECU is an exact match of the photo in the previously viewed manual on the applications list and, if everything matches, you can choose the preferred connection method and proceed with the connection.

Once in the program FlashPoint, the read procedure is started by pressing the **READ NEWTRAS ...** button as shown in the figure:



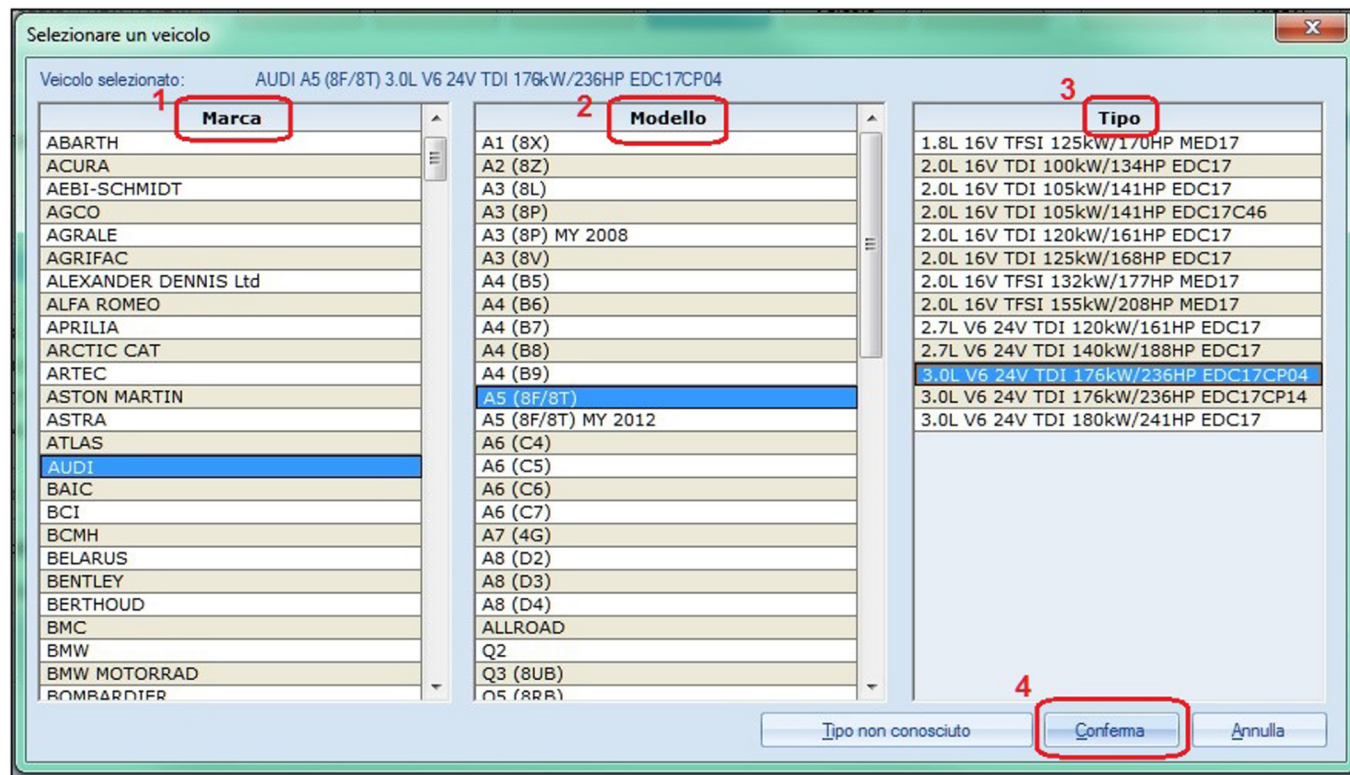


### 7.3.2 Reading the ECU with vehicle selection

Carefully select the **BRAND - MODEL - TYPE OF VEHICLE** and click **CONFIRM**.

The software will independently and automatically select the **PROCESSOR** and the **CONNECTION METHOD** envisaged for the vehicle/ECU in question.

Then proceed with the instructions as per paragraph [Reading with manual processor/method selection](#).



Selezionare un veicolo

Veicolo selezionato: AUDI A5 (8F/8T) 3.0L V6 24V TDI 176kW/236HP EDC17CP04

1 Marca	2 Modello	3 Tipo
ABARTH	A1 (8X)	1.8L 16V TFSI 125kW/170HP MED17
ACURA	A2 (8Z)	2.0L 16V TDI 100kW/134HP EDC17
AEBI-SCHMIDT	A3 (8L)	2.0L 16V TDI 105kW/141HP EDC17
AGCO	A3 (8P)	2.0L 16V TDI 105kW/141HP EDC17C46
AGRALE	A3 (8P) MY 2008	2.0L 16V TDI 120kW/161HP EDC17
AGRIFAC	A3 (8V)	2.0L 16V TDI 125kW/168HP EDC17
ALEXANDER DENNIS Ltd	A4 (B5)	2.0L 16V TFSI 132kW/177HP MED17
ALFA ROMEO	A4 (B6)	2.0L 16V TFSI 155kW/208HP MED17
APRILIA	A4 (B7)	2.7L V6 24V TDI 120kW/161HP EDC17
ARCTIC CAT	A4 (B8)	2.7L V6 24V TDI 140kW/188HP EDC17
ARTEC	A4 (B9)	3.0L V6 24V TDI 176kW/236HP EDC17CP04
ASTON MARTIN	A5 (8F/8T)	3.0L V6 24V TDI 176kW/236HP EDC17CP14
ASTRA	A5 (8F/8T) MY 2012	3.0L V6 24V TDI 180kW/241HP EDC17
ATLAS	A6 (C4)	
AUDI	A6 (C5)	
BAIC	A6 (C6)	
BCI	A6 (C7)	
BCM	A7 (4G)	
BELARUS	A8 (D2)	
BENTLEY	A8 (D3)	
BERTHOUD	A8 (D4)	
BMC	ALLROAD	
BMW	Q2	
BMW MOTORRAD	Q3 (8UB)	
BOMBARDIER	Q5 (8RR)	

Tipo non conosciuto Conferma Annulla

### 7.3.3 Reading with manual processor/method selection

If the specific model or engine type are not on the list, or if the type of ECU does not match, you can carry out a manual selection of the microprocessor model and a connection method.

Press the **UNKNOWN TYPE** button.

Marca	Modello	Tipo
ABARTH	124 SPIDER	1.4L 16V TB MULTIAIR 125kW/168HP IAW8GM
ACURA	500 NEW 2007	
AEBI-SCHMIDT	500 NEW 2010	
AGCO	595 COMPETIZIONE	
AGRALE	595 TURISMO	
ALEXANDER DENNIS Ltd	695	
ALFA ROMEO	PUNTO EVO	
APRILIA	PUNTO GRANDE	
ARCTIC CAT		
ARTEC		
ASTON MARTIN		
ASTRA		
ATLAS		
AUDI		
BAIC		
BCMh		
BELARUS		
BENTLEY		
BERTHOUD		
BMC		
BMW		
BMW MOTORRAD		
BOMBARDIER		
BONETTI		

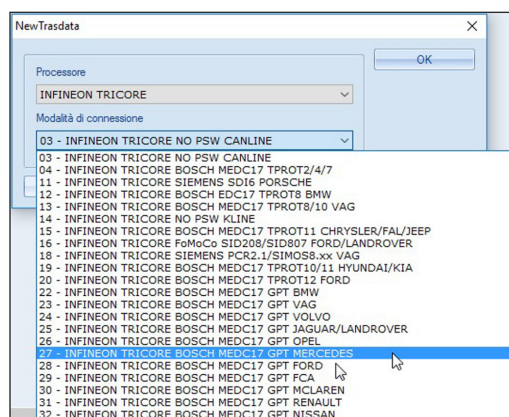
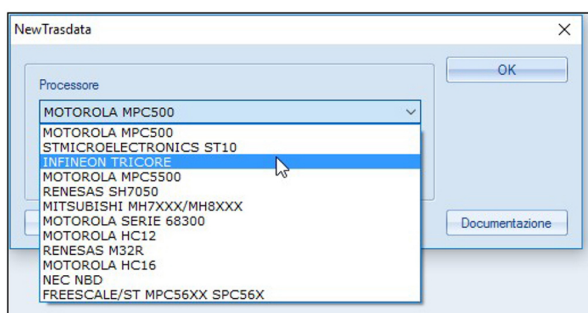
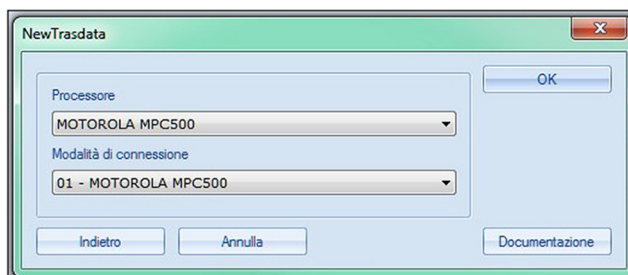


### ATTENTION

*For this operation, you must be sure about the ECU processor/memory components since incorrect settings may damage the ECU and/or its components.*



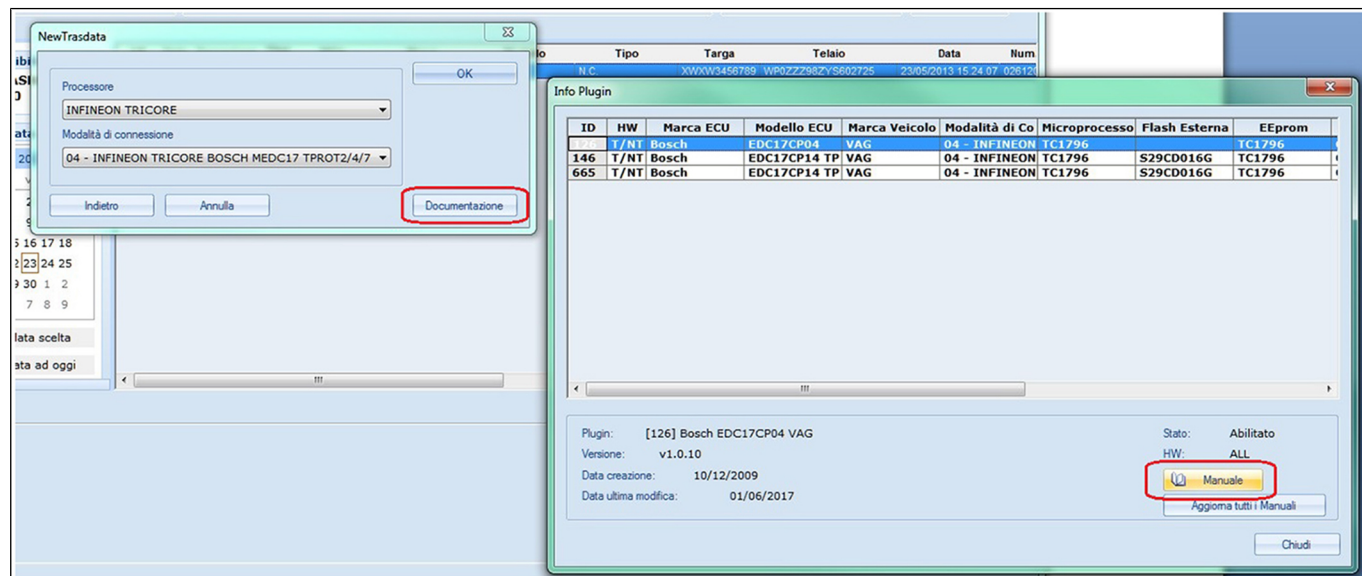
Under **PROCESSOR** and **CONNECTION MODE**, there are two drop-down menus for manual selection. Connection modes may change, depending on the microprocessor



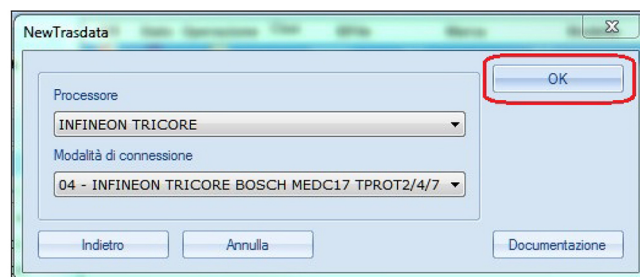
### 7.3.4 Starting the read

After carrying out the settings following the instructions given in the two previous paragraphs, you can still consult the instructions for the hardware connection of New Trasdata on the ECU:

Press the **DOCUMENTATION** button and then the **MANUAL** button.



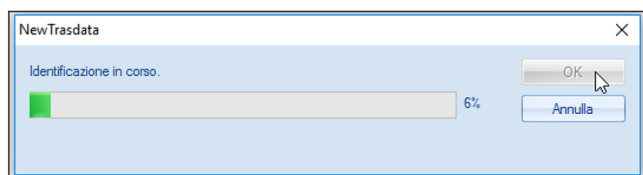
To start the reading sequence click **OK**.



The instrument starts a series of operations:

- Identification
- Read MPC (microprocessor)
- Read external Flash memory (if present)
- Read EEPROM

Depending on the memory types available and their size, reading times may vary. it normally takes between 5 and 15 minutes for the procedure to be completed.

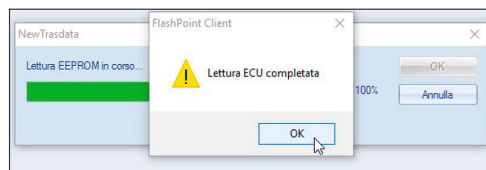


If all the operations complete successfully, a message on screen will confirm the correct reading procedure: **ECU READ COMPLETE**

Press **OK** to continue.

### NOTICE

Consult the complete **USER MANUAL** for file **SAVE/SEND/RECEIVE** operations and all other information not covered by this operating manual.



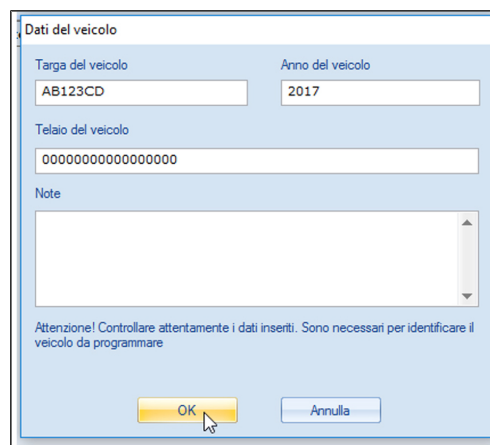
### 7.3.5 Saving files

Once the reading sequence has been completed, the file will be automatically saved in the FlashPoint database

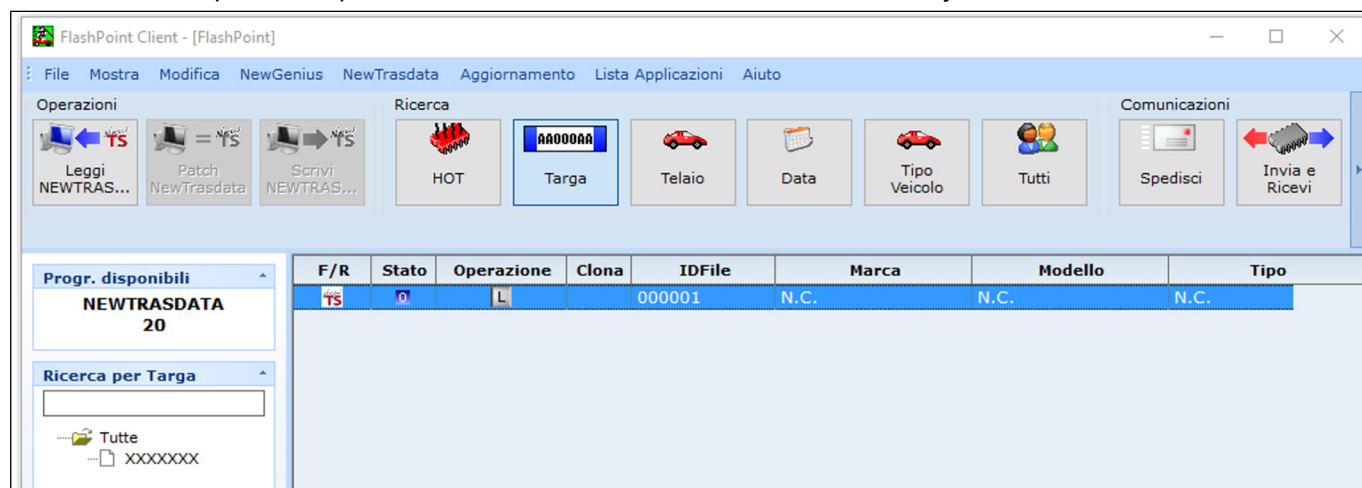
Complete the data in the table to catalogue the file just read correctly.

The data entered will also be sent to your manager for use for archive purposes.

- **NOTES:** this field can be useful for the client to send comments/requests/information concerning this file to his/her manager.



Press **OK** to complete the operations. The main screen will then show the item just saved.



F/R	Stato	Operazione	Clona	IDFile	Marca	Modello	Tipo
TS	Q	L		000001	N.C.	N.C.	N.C.

## 7.4 Sending the read file to your manager

The file that has just been archived is physically saved on the local computer. For any processing, this file must be sent to your manager for the processing required.

Click on the file that to be sent; the file just read can be recognised by the icons **F/R – STATUS – OPERATION**

F/R	Stato	Operazione	Clona	IDFile	Marca	Modello	Tipo
TS	O	L		000001	N.C.	N.C.	N.C.

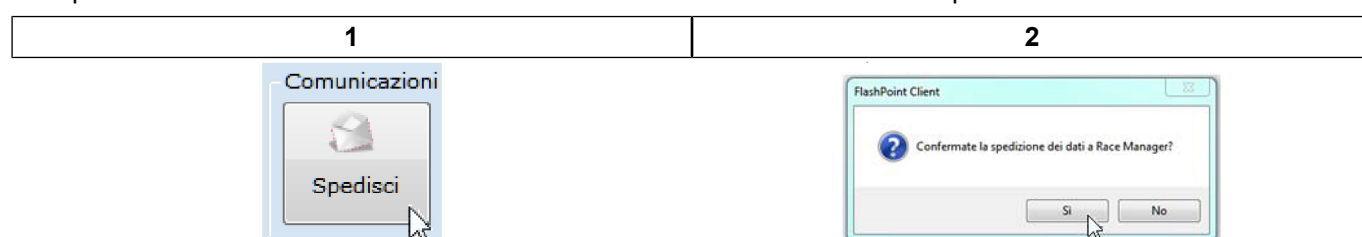
**TS:** File from the *New Trasdata* instrument

**O:** Original file

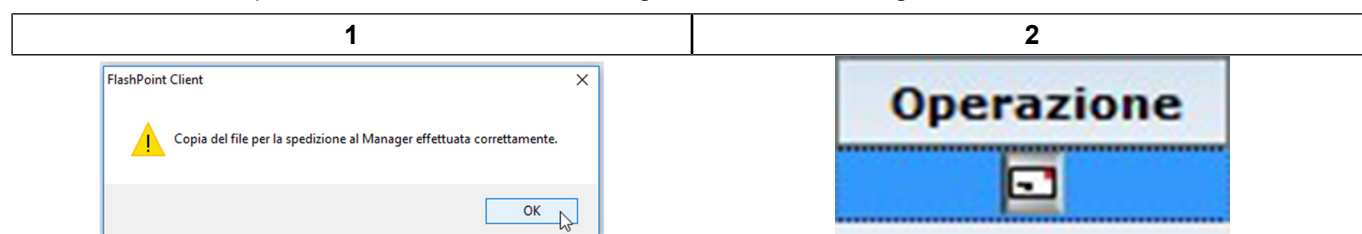
**L:** File just read

The selected line must turn blue.

Now press the button bar under **COMMUNICATIONS - SEND** and confirm the operation.



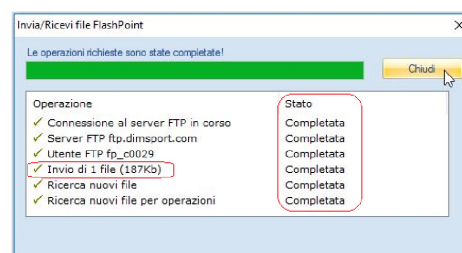
A feedback screen opens and the **OPERATION** changes as shown in the figure:



To complete the send operation, click **SEND AND RECEIVE**, confirm as shown on the screen and wait for the operations to be completed.



Note that at least 1 file must be sent in these operations and all items must be ticked and marked as **COMPLETED**.



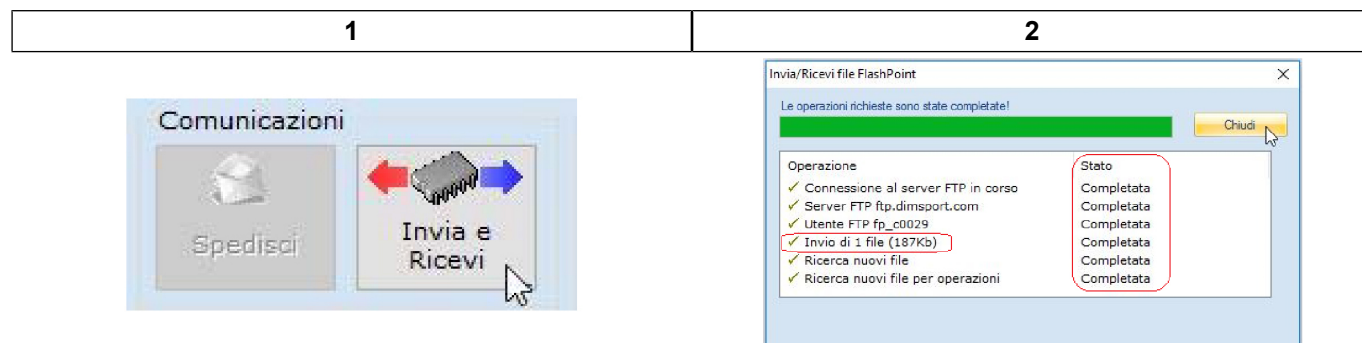
Confirmation of the sent file is shown with the abbreviation **S (SENT)**

F/R	Stato	Operazione
TS	O	S

## 7.5 Receiving the modified file form your Manager

To receive the modified file for the ECU, simply press the **SEND AND RECEIVE** button again and wait for the operations to be completed.

Check that at least **1 FILE RECEIVED** is in the operations box.



Click **CLOSE** in the **SEND/RECEIVE** window to return to the main screen where the modified file/s will be indicated in bold.

F/R	Stato	Operazione	Clona	IDFile	Marca	Modello	Tipo
<b>TS</b>	<b>D</b>	<b>S</b>		000002	VOLKSWAGEN	GOLF 6	2.0L 16V TDI 103kW/
<b>TS</b>	<b>M</b>	<b>R</b>		000002	VOLKSWAGEN	GOLF 6	2.0L 16V TDI

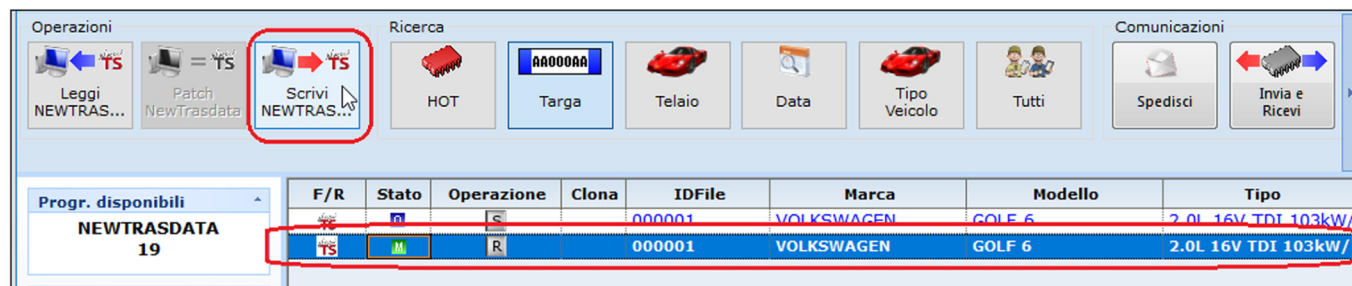
**M:** Modified file

**R:** File just received

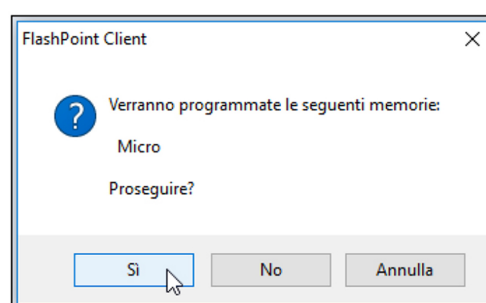
**In bold:** items for files to be written

## 7.6 Writing the modified file to the ECU

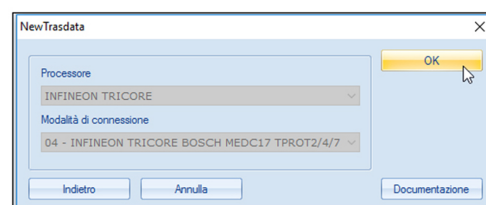
Click on the modified file you have just received. The item will be selected and highlighted in blue;  
Press the **WRITE NEWTRASDATA** button on the **OPERATIONS** bar.



A window opens to confirm the memory re-write.  
Press **YES** to continue.

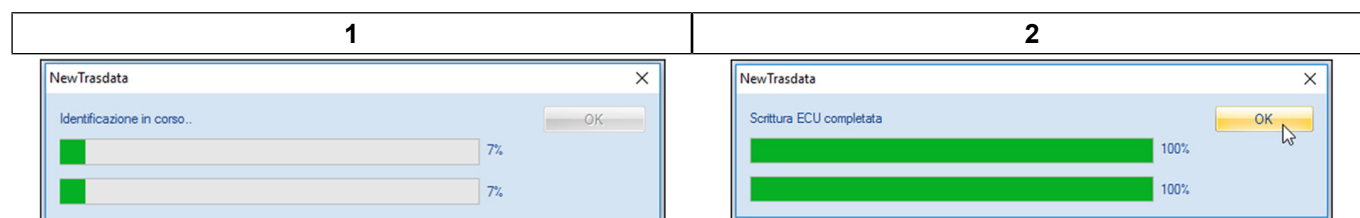


Press **OK** to start the write procedure.



Wait for New Trasdata to complete all procedures.

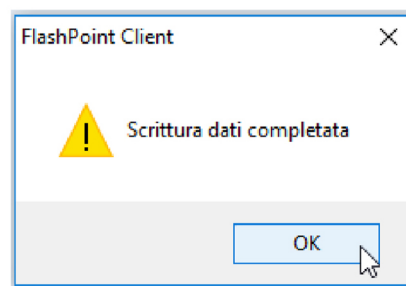
A modified file write sequence may normally take 10 to 15 minutes, depending on the type/size of the file.





If the operation is completed successfully, this message will appear.

Press OK to continue.



The programme now returns to the main screen and the file you have just written will be marked with the **W (WRITTEN)** icon.



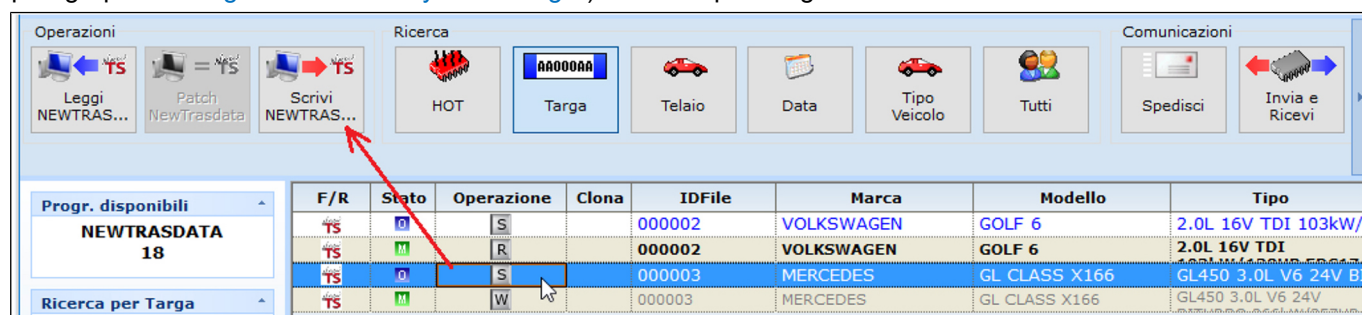
## NOTICE

In the FlashPointsystem, modified files can be used only once, consequently, files that have already been written can no longer be used.

## 7.7 Possible re-write of original files

If problems arise on the vehicle with the write modified file or if for any reason the ECU that has just been programmed has to be restored to its original status, the client can proceed to re-write the initially read **ORI file** to the ECU at any time.

This operation can be performed by simply selecting the file marked **O - ORIGINAL** and **S - SENT** (as indicated in paragraph [Sending the read file to your manager](#)) and then pressing the **WRITE NEWTRASDATA** button

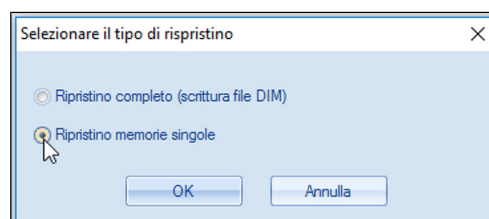


You will first be asked which type of rewriting you want to carry out:

- Complete restore (using DIM file)
- Individual memory restore

In the first case, the program will re-write all memories in the ECU; and particularly if the vehicle has completed a lot of miles with the **MOD.** file or if several days have passed since the programming modification.

It is normally recommended to **RESTORE INDIVIDUAL MEMORIES** by clicking on the appropriate selection and clicking **OK**.



The following window then appears with a choice of memories to re-write:

- Automatic selection
- Manual selection

In most cases, the automatic procedure can be implemented: the program restores only the memory involved in normal engine parameters modification.

In any case, you can select manual and decide which part of the ECU to restore to its original status.

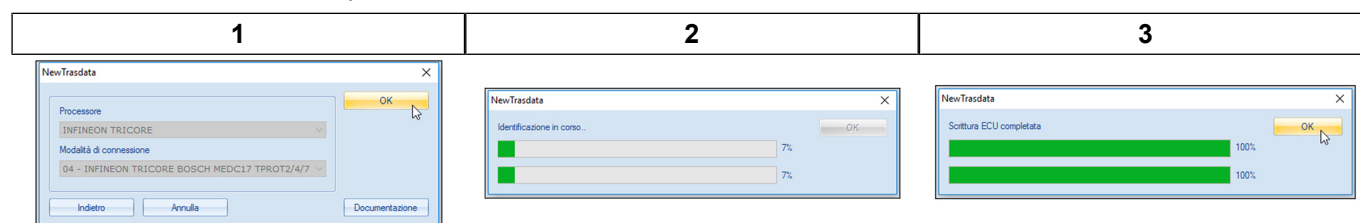
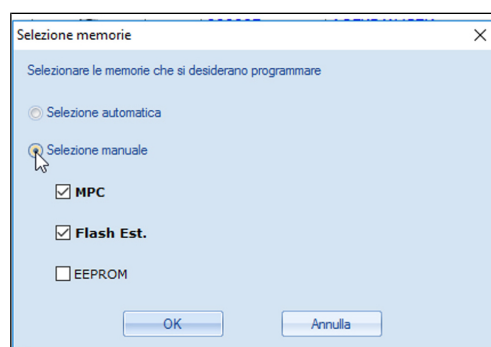
This procedure is specifically for people who implement special modifications by manipulating specific memories.

Select the desired option and click **OK**.

Another summary window will then open showing the **ECU's microprocessor** and its **Connection mode**.

Make sure that the settings are correct and that the ECU and power supply are connected correctly.

Click **OK** to launch the write process as such.



Wait for all operations to be completed and close the window by clicking on the **OK** button.

## 8 ADDITIONAL FUNCTIONS

### 8.1 Introduction

The tool New Trasdata - Flash Point also has a number of secondary functions:

- Cloning an ECU
- ECU PATCH Operation
- Saving LOG files
- Importing history data

### 8.2 Cloning an ECU

The term *cloning* indicates the function of completely re-writing all memories in an ECU with data from another unit. This operation can be useful, for example, when an ECU is faulty (or presumed to be faulty) and you want to replace it with another ECU, perhaps from a vehicle that has been written off.

To carry out this procedure, the FlashPoint client must perform these operations:

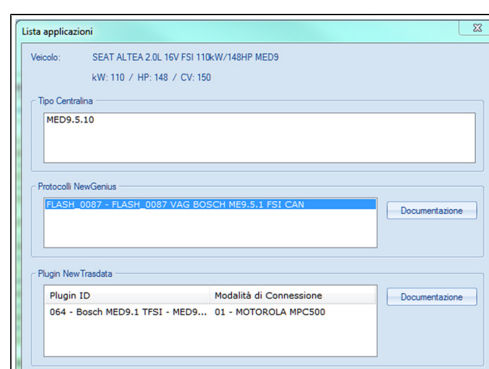
- Make sure that the ECU can be perfectly cloned
- Read the source ECU
- Cloning request/Confirmation to/from the manager
- Re-write the destination ECU

#### 8.2.1 Checking the possibility of cloning an ECU

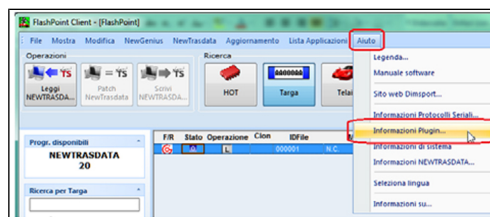
First of all, make sure that the ECU is supported by [Vehicle feasibility check](#) (for more information refer to New Trasdata).

Check here to see if there is a plugin and make a note of the number.

- **Plugin Number** (the number in this example is 064)



Close the window and select **HELP - PLUGIN INFORMATION** from the main page.



The following screen opens. Scroll through the window until you see the required plugin and check what is indicated in the **CLONE** column:

ID	HW	Marca ECU	Modello ECU	Marca Veicolo	Modalità di Co	Microprocesso	Flash Esterna	EEProm	Tipo veicolo	Localione Map	Clona	Checksum
063	T/NT	Marelli	IAW5SF8/SSF	FAL	02 - STMICRO	ST10F296						
065	T/NT	Bosch	MED9.1 TFSI	VAG	01 - MOTOROL	MPC561 / MPC	M58BW016DB	ST95320	CAR	Micro	YES	CK_E101
066	T/NT	Bosch	EDC16C35	BMW - Mini	01 - MOTOROL	MPC561 / MPC	M58BW016DB	ST95640	CAR	ExtFlash	YES	CK_E67
067	T/NT	Bosch	EDC16C34	Ford - PSA - V	01 - MOTOROL	MPC561 / MPC	M58BW016DB	ST95640	CAR	ExtFlash	YES	CK_E67
068	T/NT	Bosch	EDC16U34	VAG	01 - MOTOROL	MPC561 / MPC	M58BW016DB	ST95320	CAR	ExtFlash	YES	CK_E67
069	T/NT	Bosch	EDC16C31	Volvo	01 - MOTOROL	MPC561 / MPC	M58BW016DB	ST95320	CAR	ExtFlash	YES	CK_E67
069	T/NT	Bosch	EDC16CP33/C	Nissan - Rena	01 - MOTOROL	MPC561 / MPC	M58BW016DB	ST95640	CAR	ExtFlash	YES	CK_E67

Plugin: [064] Bosch MED9.1 TFSI - MED9.5 FSI - MED9.5.10 TSI VAG  
Versione: v1.0.2  
Data creazione: 19/12/2007  
Data ultima modifica: 28/09/2011

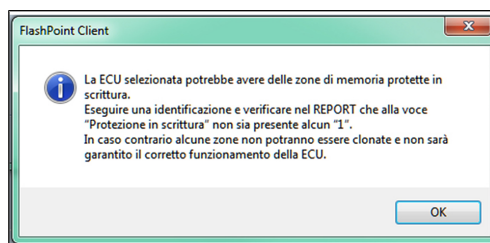
Stato: Abilitato  
HW: ALL  
Manuale  
Aggiorna tutti i Manuali  
Chiudi

**YES:** the ECU can be fully cloned

**NO:** You cannot read *all* the data or re-write *all* the memories of the ECU. Cloning is not possible.

Clona
YES
INFO
YES
NO
NO
INFO

**INFO:** double-click the box to display the following explanatory message.






## 8.2.2 Read the source ECU

To perform cloning, first read and save the file from the source ECU.

This is a normal read procedure. Inasmuch, follow the instructions at [ECU read and data saving](#).

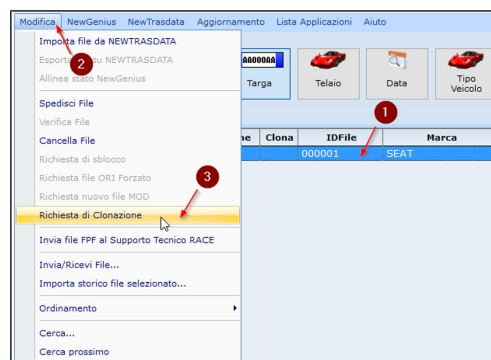
Once the operations have been completed, the file will be in the list:

F/R	Stato	Operazione	Clona	IDFile	Marca	Modello	Tipo
				000001	SEAT	ALTEA	2.0L 16V FSI 110kW/

## 8.2.3 Sending cloning request

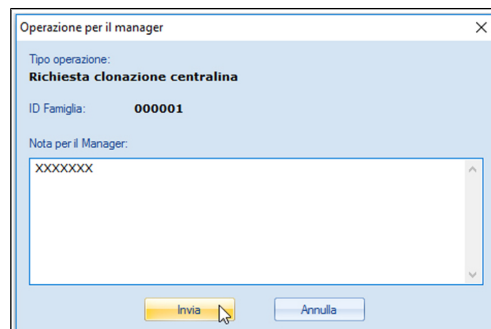
In order to proceed with cloning, a specific request must be sent to your Manager:

1. Select the file to write
2. Open the **EDIT** menu
3. Select the **CLONE REQUEST** function

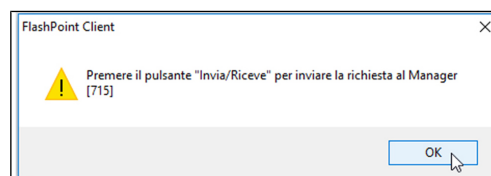


Use the following window to enter a note for the Manager.

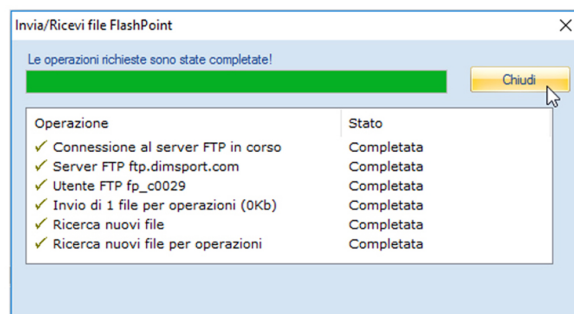
Click on the **SEND** button.



Confirm with **OK**.



The cloning request is now ready to be sent. Press **SEND AND RECEIVE** to transfer to the FTP server via Internet.



## 8.2.4 Receiving permission for cloning

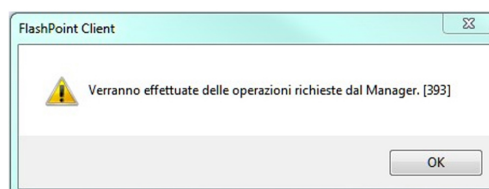
When the Manager receives the request, he/she must grant permission and send an *operation confirmation* to the server.

The customer must then download the confirmation file by clicking on **SEND AND RECEIVE** again.



A window indicates that operations are in progress on the server and then indicates that the Manager has sent an *operation*.

Press OK to continue.



The cloning confirmation click should appear in the line corresponding to the ECU, as shown in the figure.

F/R	Stato	Operazione	Clona	IDFile	Marca	Modello	Tipo
TS	D	R	✓	00001	SEAT	ALTEA	2.0L 16V FSI 110kW/



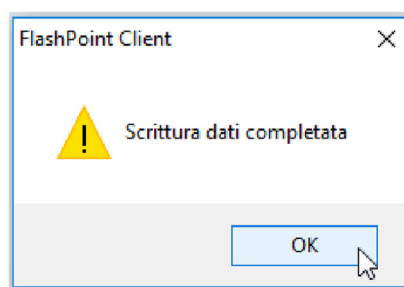
## 8.2.5 Write to destination ECU

The program is now ready, as required, to write the ECU complete file:

Make the electrical connection of the **destination** ECU and click on the **WRITE NEWTRASDATA** button.



Confirm with **OK** or "**CONTINUE** to the next requests and wait until the write completed message appears.  
Press **OK**.



## 8.3 ECU PATCH Operation

### 8.3.1 Introduction

This function, to all intents and purposes, is an automatic write to the ECU of a particular modified file that helps resolve certain problems connected to the tuning of certain ECUs.

The PATCH is available only on some types of ECU and the program activates the related button only if it has the read plug-in available.



There are various types of patch that always depend on the type and year of the ECU; itself

Three different types of patch are currently available:

1. **0X10000 PATCH UNLOCK:** is required to remove the anti-tuning lock (writing the modified file) on the OBD2 diagnostics socket. For example, the VAG 1.6TDI with PCR2 ECU.
2. **0X20000 FUNCTIONAL PATCH:** required to remove the anti-tuning lock on RSA checksum checks. For example, VAG 1.9TDI with EDC16 and 16+ ECU.
3. **0X20001 FUNCTIONAL PATCH** required to make ECU modification invisible to the official BMW diagnostics instrument. For example, like the BMW F series with EDC17 or MEV17 ECU.

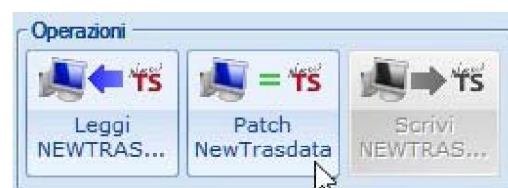
### 8.3.2 PATCH application operating procedure

After reading an ECU and saving the file (as indicated in paragraph [ECU read and data saving](#)), the corresponding line will be found in the list:

F/R	Stato	Operazione	Clona	IDFile	Marca	Modello	Tipo	Targa
TS	0	L		000002	AUDI	A5 (8F/8T)	3.0L V6 24V TDI 176	BB789AA

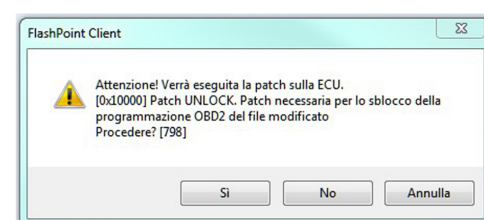
When the file is selected, if there is a PATCH option in that type of ECU, the relative button will be activated.

Click on **PATCH NEWTRASDATA**.

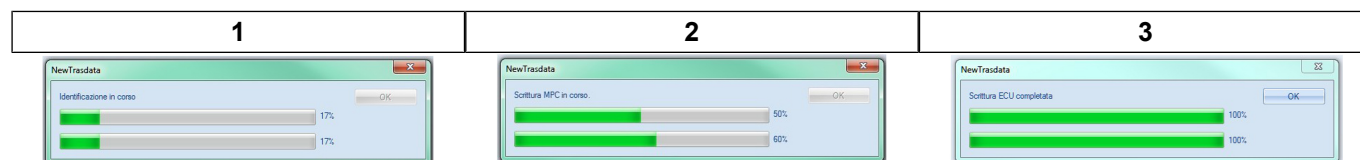


A message will appear indicating the type of operation to be carried out.

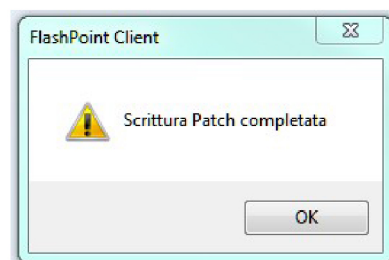
Confirm with **YES** or **OK**.









The program will automatically perform a series of operations and at the end of writing (100% on the bar) press **OK**.



If the operation was successful, the confirmation message will appear.



The program now returns to the main screen where you will find a new line (on the same vehicle) that indicates file **O+P** file (patched original).

F/R	Stato	Operazione	Clona	IDFile	Marca	Modello	Tipo	Targa
				000002	AUDI	A5 (8F/8T)	3.0L V6 24V TDI 176	BB789AA
				000003	AUDI	A5 (8F/8T)	3.0L V6 24V TDI 176	BB789AA

You will then have send the car file as usual to your manager (as indicated in the paragraph [Sending the read file to your manager](#)) for modification.

## NOTICE

It is advisable to send both files (the one marked **O** and the one marked **OP**).

### 8.3.3 Patch Unlock and writing via OBD with New Genius

For ECU models that can be flashed through OBD (only after having been unlocked with the PATCH function), proceed as described below:

1. Send your manager both files New Trasdata marked as **O** and **OP**
2. Identify the vehicle with New Genius by using the specific communication protocol (for protocols that allow reading, it is possible to send to the Manager the file read via OBD but only after unlocking the ECU with New Trasdata).

Check the application list.

3. Download the ID file from NewGenius to FlashPointsoftware. The file will appear in the list marked as shown in the following image.
4. Send the ID file to your manager



5. When the MOD file is received and the swap file operation is performed using the **SEND/RECEIVE** button, the grid will now display the modified file and the ID file icon will change from **I** to **IO** as shown in the following image:



Refer to the key for the icons (**HELP - LEGEND...**)

6. Load the **M** file on to NewGenius to reprogram the vehicle
7. Use the **IO** file to reprogram the original file in the vehicle's ECU with NewGenius.

## 8.4 Saving LOG files.

The LOG files are additional files that are saved automatically on the New Trasdata during all communication operations with the ECUs. These files contain information about the communication progress and can be useful if problems/errors are reported by the instrument.

Inasmuch, if problems arise, contact your manager for a solution and, when requested, send him/her these LOG files.

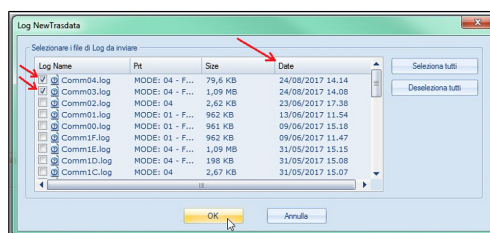
As the first step, save these LOG files on your computer, copying them from the New Trasdata device:  
Connect the instrument and, on the **Main Screen** click on the **NEWTRASDATA - EXTRACT LOG FILE...** menu...



A screen will appear with the list of files in the instrument (the internal memory contains up to 32 LOGS for the most recent operations carried out).

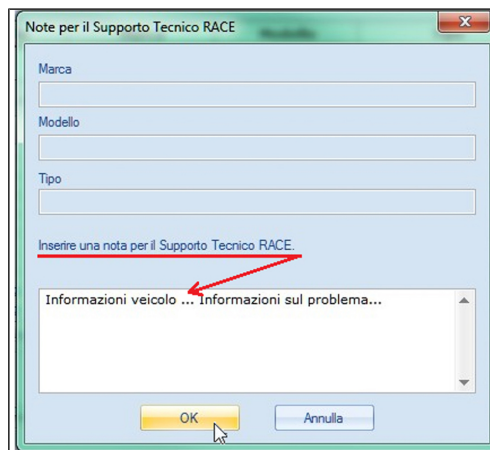
The date and time of the operation is displayed for accurate selection. Select **only** the files concerned.

Press OK to continue.



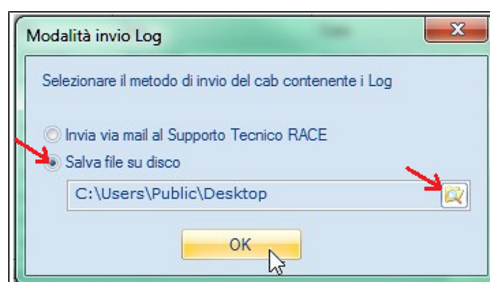
Fill in the **NOTES** field with data about the vehicle, the ECU and some brief information about the problem detected.

Press OK to continue.

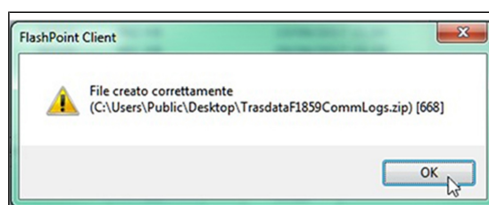


Select the **SAVE FILE ON DISK** item and use the **FOLDER** button to select the destination path (for convenience, this can be the Desktop).

Press OK to continue.



A message will appear confirming that the file has been saved on the PC. Then press **OK**.



Using a program/service/website/email, send an e-mail to your manager, remembering to attach the file you have just saved.



## **ATTENTION**

***It is usually the manager's task to contact DIMSPORT technical support  
The FlashPointclient must always interface with his or her manager.***



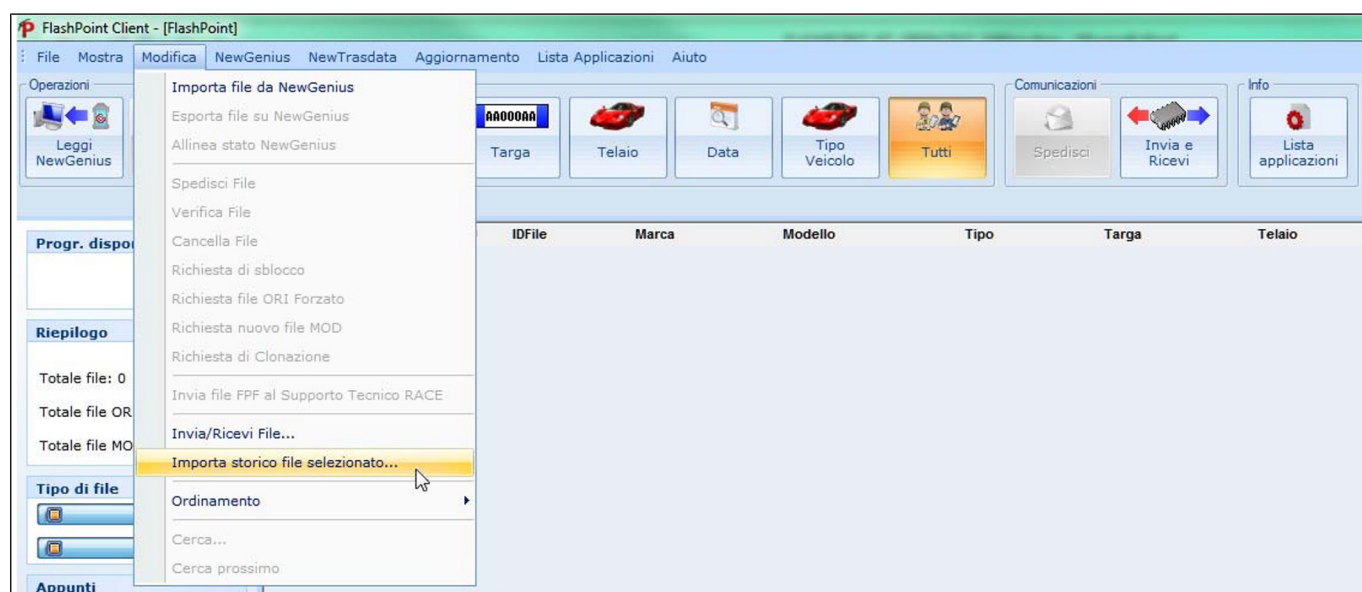
## 8.5 Importing history data

FlashPointthis is a *Client* system (also called a *Slave*) which depends entirely on a manager: it is very important that the data is always aligned between the 2 systems.

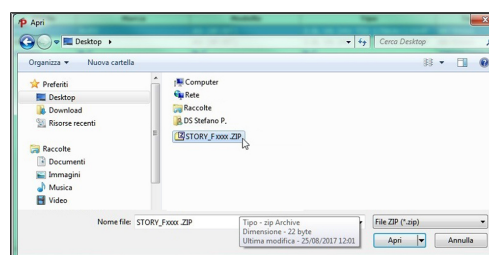
If the '*client*' should lose RaceFP data, for example after replacing the computer or reinstalling the operating system, the **IMPORT HISTORY DATA** feature recovers the entire list of vehicles done by copying it from the manager database.

If a Client has to reinstall the database, the manager must be asked to send the history.data file beforehand. This is a compressed **ZIP** file you should save on your PC.

Then, with the RaceFP program operating and updated, open the **EDIT** menu and click on **IMPORT SELECTED HISTORY FILE...**



The program opens the file selection window. Locate the folder where the file was previously saved and select it.



The programme asks for confirmation of the operation to be carried out. Confirm with **YES**.

At the end of the operation, the data on the client PC will be aligned with the data on the manager's PC.







## 9 SEND/RECEIVE FILES WITH FLASHPOINT OPEN 2

### 9.1 Sending a file to your Manager

The OPEN 2 version of the FlashPointsystem differs from the routine one for the way in which files are swapped with the Manager.

The **PREPARE TO SEND** and **send and receive** buttons are replaced by **OUT** and **IN** buttons.

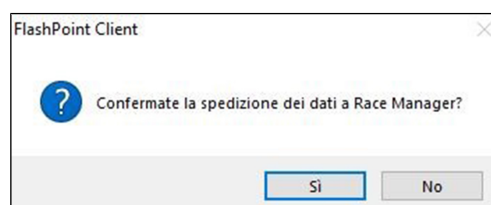
Select the ORI file from the file list.

Stato	Operazione	Clona	IDFile	Marca	Modello	Tipo
			000002	VOLKSWAGEN	GOLF 6	2.0L 16V TDI 103kW/
			000002	VOLKSWAGEN	GOLF 6	2.0L 16V TDI

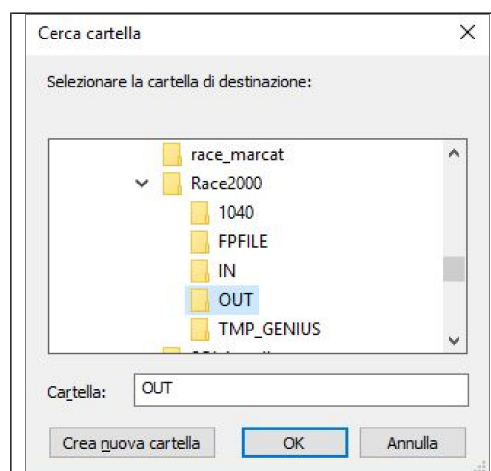
Press the **OUT** button.



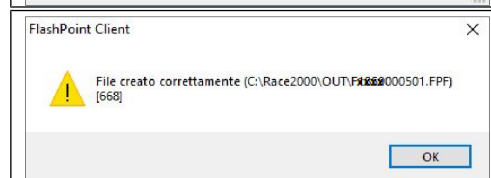
Confirm the operation.



The system will display then a window showing the folder where the file is saved to by default:



Press **OK**.



Open the folder indicated in the message (**C:\RACE2000\OUT**) and extract the **.FPF** file.

#### NOTICE

The **FPF** file is encrypted and must not be opened.

You can send the file to the Manager by attaching it to an e-mail or by using other means.

## 9.2 Receiving and loading the modified file to/from your Manager

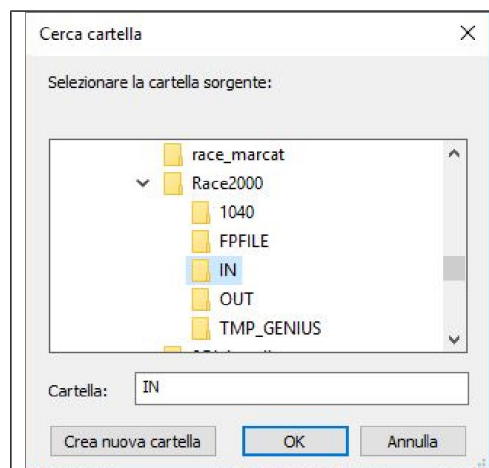
The modified file that the FlashPoint client receives from his/her Manager and also encrypted and has the extension **.FPF**.

Save the file in the default folder "**C:\RACE2000\IN**".





Then press the button "**IN**" in the software.



The next window will show the default folder "**IN**".



Press **OK** and the modified file will appear in the file list.

	Stato	Operazione	Clona	IDFile	Marca	Modello	Tipo
				000002	VOLKSWAGEN	GOLF 6	2.0L 16V TDI 103kW/
				000002	VOLKSWAGEN	GOLF 6	2.0L 16V TDI

Select the MOD file and press the button "**WRITE NEWTRASDATA**".

## 9.3 Deleting a file

The files in the FlashPoint software file list cannot be delete directly by the client. In case there is the need to delete one or more files from the list the client must send a request to the Manager.

The operating procedure is indicated below:

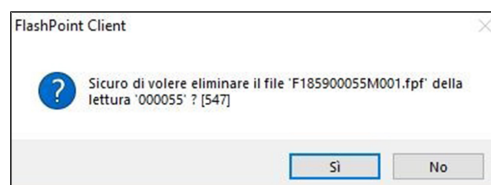
1. Select the file to delete:



2. Press the **CANC/DEL** key or the **DELETE FILE** command in the **MODIFY** menu:



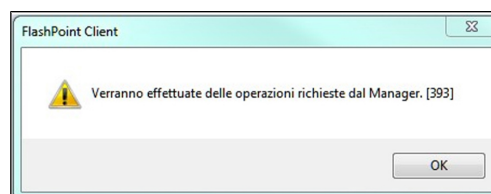
3. Confirm the operation.



4. If the operation is successful, the program will create an **.FPF** file.



5. Send the **.FPF** file as explained in paragraph [Sending a file to your Manager](#)
6. The Manager will send a new **.FPF** file that the client must upload to the software using the same procedure explained in paragraph [Receiving and loading the modified file to/from your Manager](#).
7. The software will confirm the operation by displaying this message:



8. At the end of these operations, the file will be deleted from the list.

## 9.4 Other special operations

There are other special operations that can be requested to the Manager through the **MODIFY** menu:

- Unlock request (to re-use an already written MOD file)
- Forced ORI file request (Recovery file)
- New MOD file request
- Cloning request

After selecting and confirming one of these operations, the program proceeds to create an **.FPF** file that must be sent to the Manager using the same procedure seen in the previous paragraphs.

Recapping:

1. Select the desired operation and confirm it
2. Creating the **.FPF** file
3. Extracting the file from the **OUT** folder
4. Send to Manager
5. Receiving the **.FPF** file
6. Saving the **.FPF** file in the **IN** folder
7. Press the **IN** button in the software
8. The software activates the required operation



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