



**MOTOPRO**

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# 01 Device



# Device

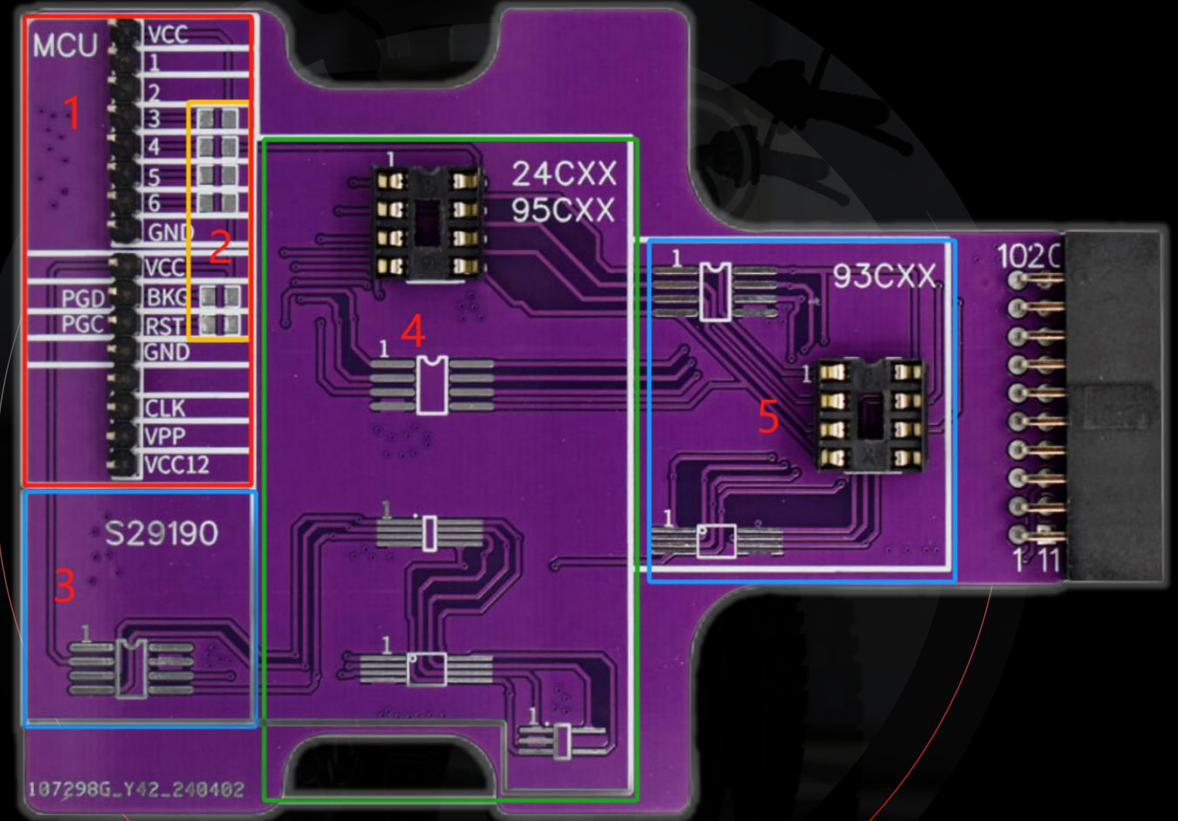
- 1、PACKING BOX
- 2、MOTOPRO Equipment
- 3、Adapter  
(For MCU Memory Read and Write )
- 4、Dupont Cable \*8pcs
- 5、USB Cable
- 6、Resistance
- 7、12 volts Power



# Device

**1、 For MCU read and write area needs to be connected to the DuPont line.**

**2、 Used to connect resistors, total 6 positions, (3-4-5-6 )areas can be soldered 1K, 2.2K, 4.7K, 100R resistors**

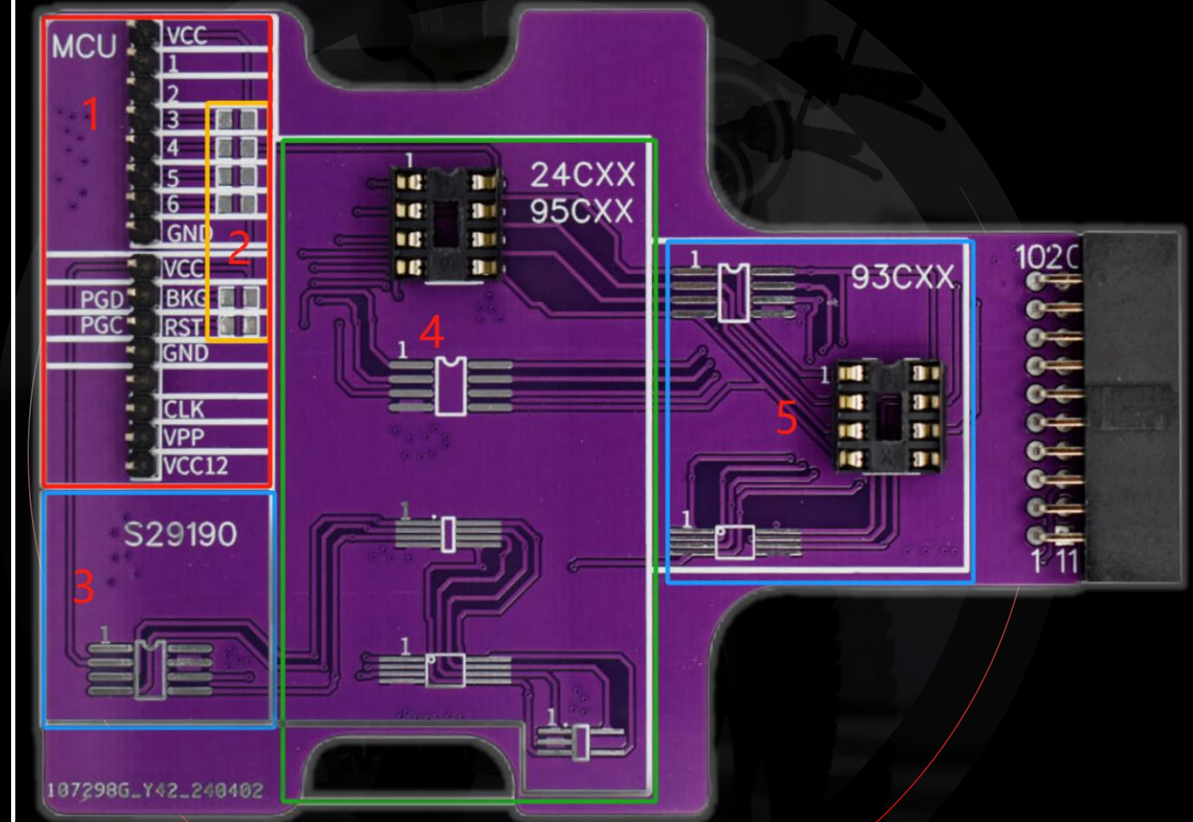


# Device

**3、 For Fixed memory read/write area, only for Model: SEIKO, S29XX series.**

**4、 Support reading 24CXX/95CXX memory (Eeprom)**

**5、 In this area, only support 93CXX series memory (Eeprom) read/write.**

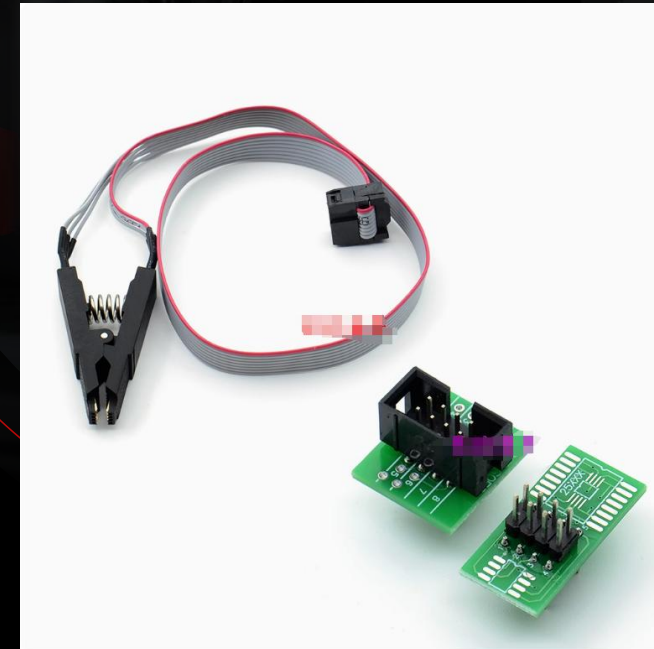
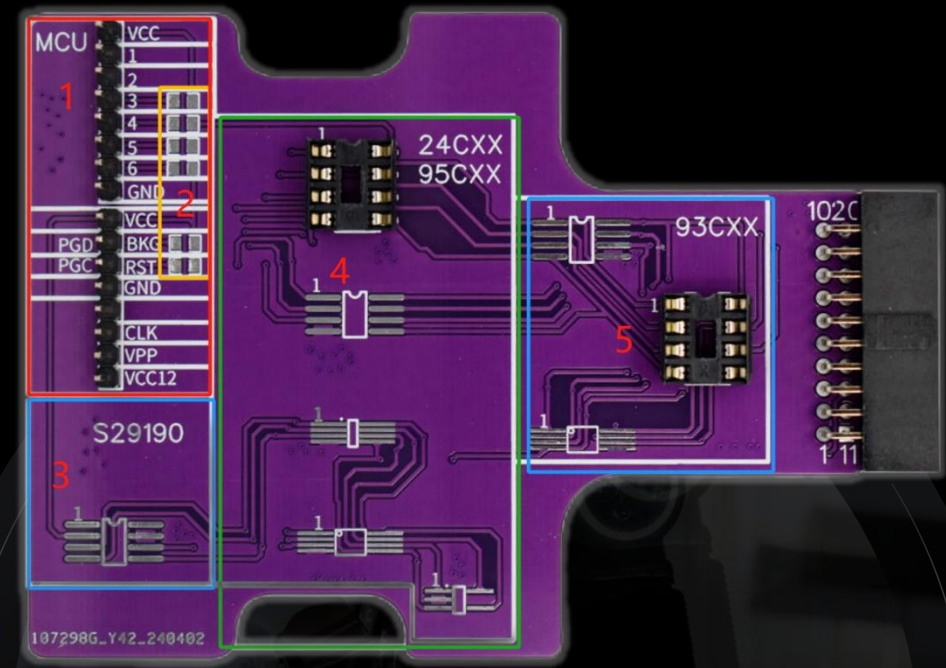


# Device

## Note:

The adapter supports connecting to SOP8 test clip to read data.

But when read/write data ,Maybe interfered by storage module, Causes data damage or loss ,  
So I don't recommend using

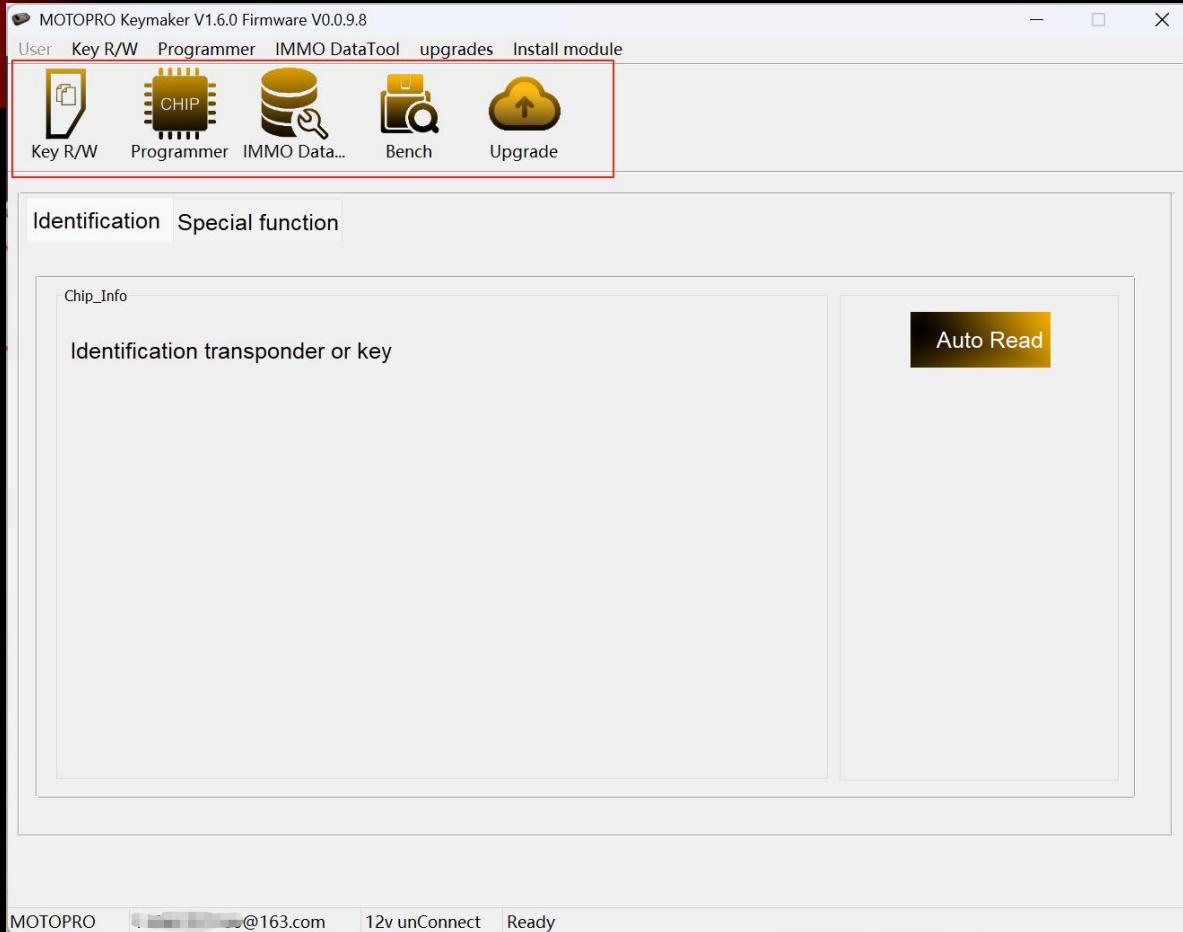


# 02

# SOFTWARE



# About software



一、**Key Read**

二、**Programmer Function (Read/Write data)**

三、**IMMO DATA Key Make**

四、**Bench Function**

OBD refers to the OBD protocol, which connects the controller via Dupont wire to avoid digging and welding

五、**Upgrade**

# Key Read



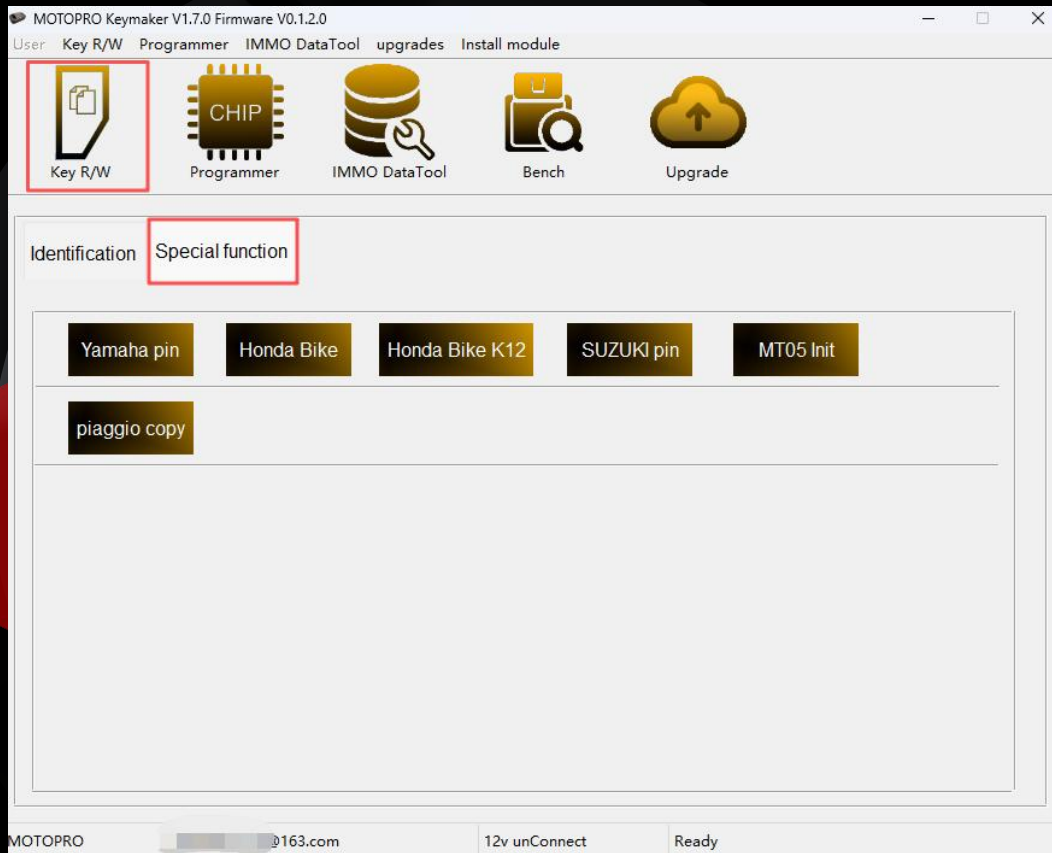
1.Read transponder types

2.Account used to connect to the server

3.12V power prompt

4.MOTOPRO message return prompt

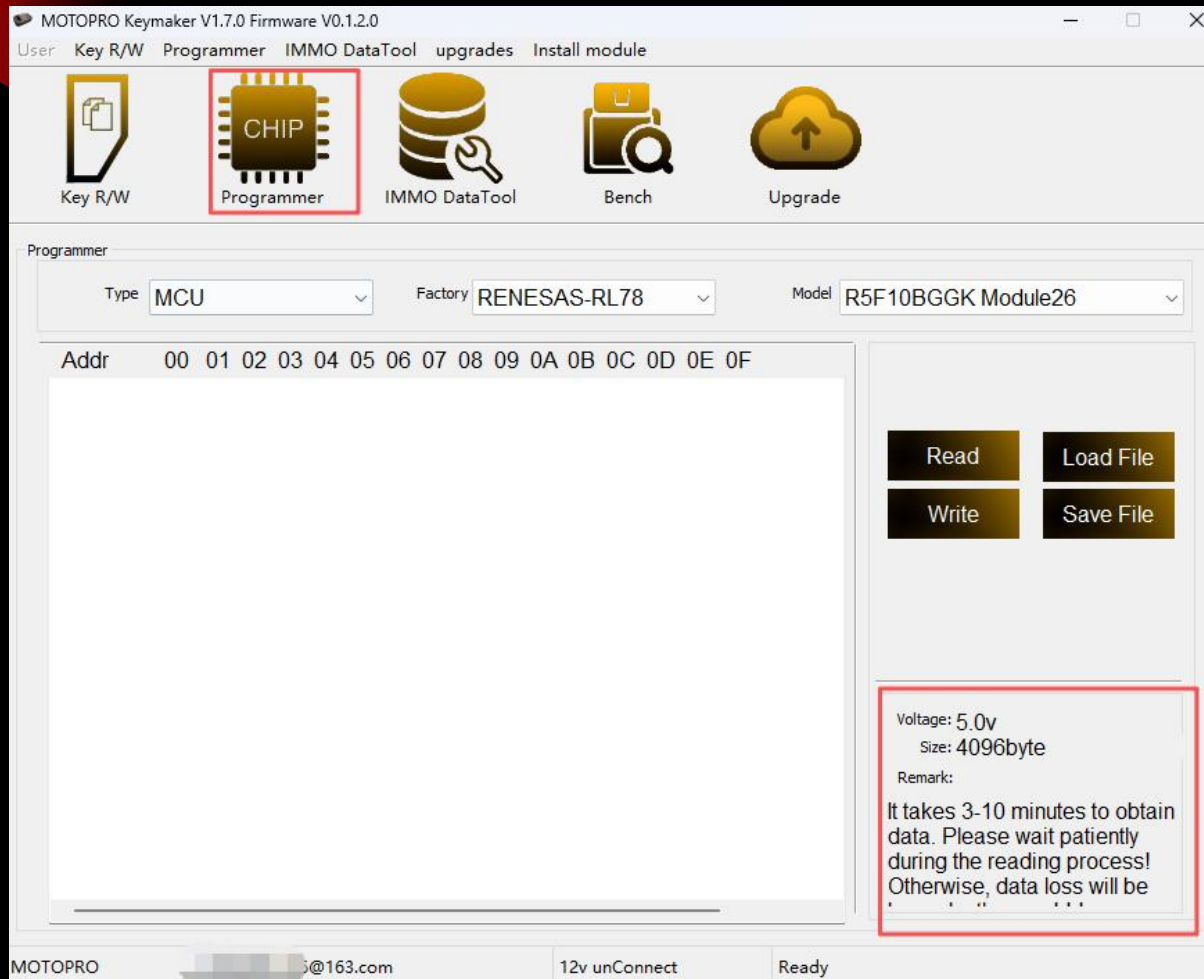
# Key Read



## Special Function:

- 1、 Support Yamaha smart key PINCODE read (**Basic version free use** )
- 2、 Support Piaggio chip copy (**Basic version**)
- 3、 Support Honda smart key PINCODE read(**Module 23,need Authorization**)
- 4、 Support unlocking Honda smart key K77/K1Z/K1N/K1B/K2V/K96/K97/K1B/MKRD 1/MKRJ1/MKTD0/China Haojue(**Module 23,need Authorization**)
- 5、 MT05 transponder Initialization function (MT05 is a special chip for MOTOPRO)

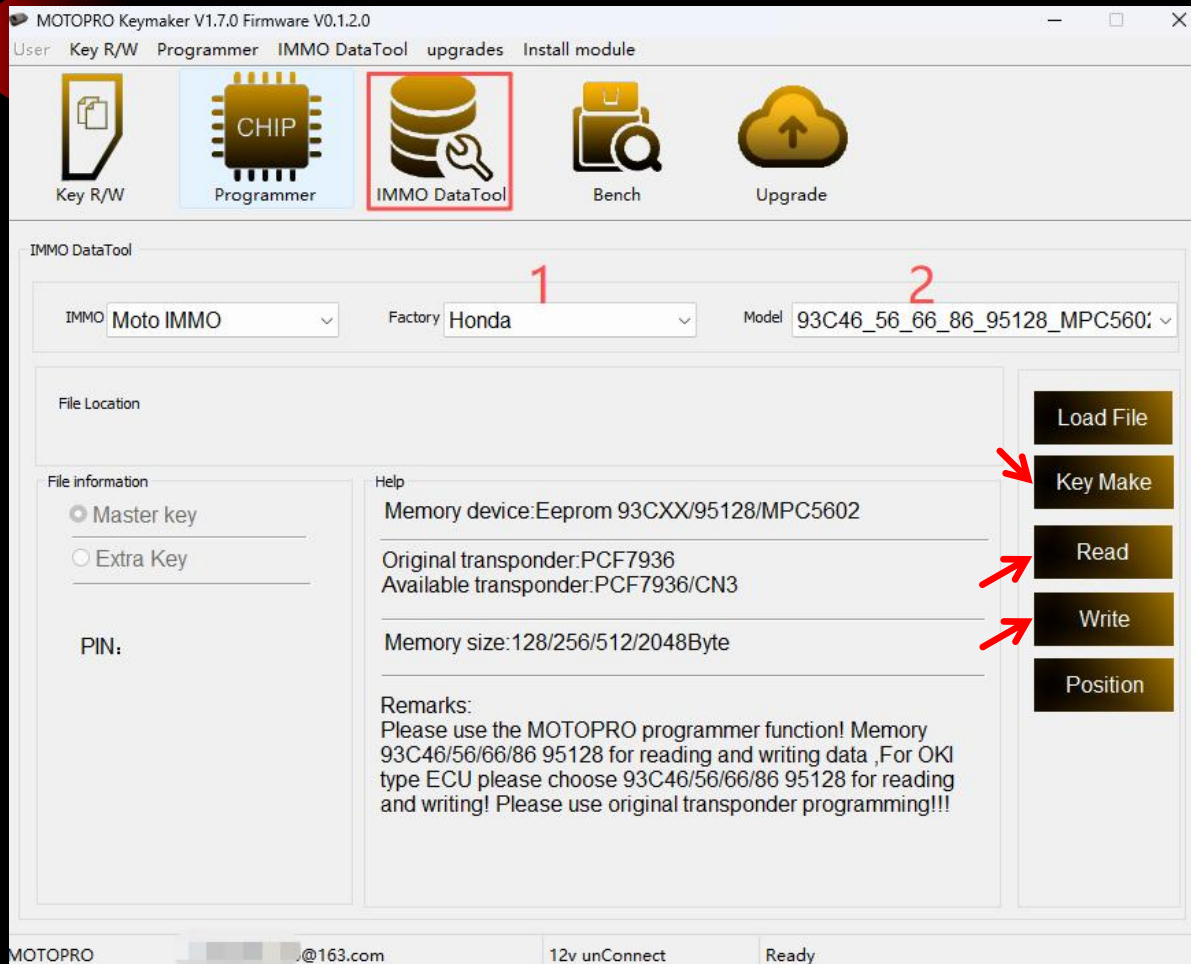
# Programmer



**For information on how to solder, where to dig holes, the software has a built-in wiring diagram, or you can contact after-sales for help.**

**Notice: Some controllers have special requirements for reading data. Please read here carefully to avoid risk.**

# Key Make



## — Fully automatic data processing tool

We can select the motorcycle model and controller memory type, directly read the data, and program the new key.

## 二、 Programming Key Process:

1. Connect MOTOPRO to the controller.

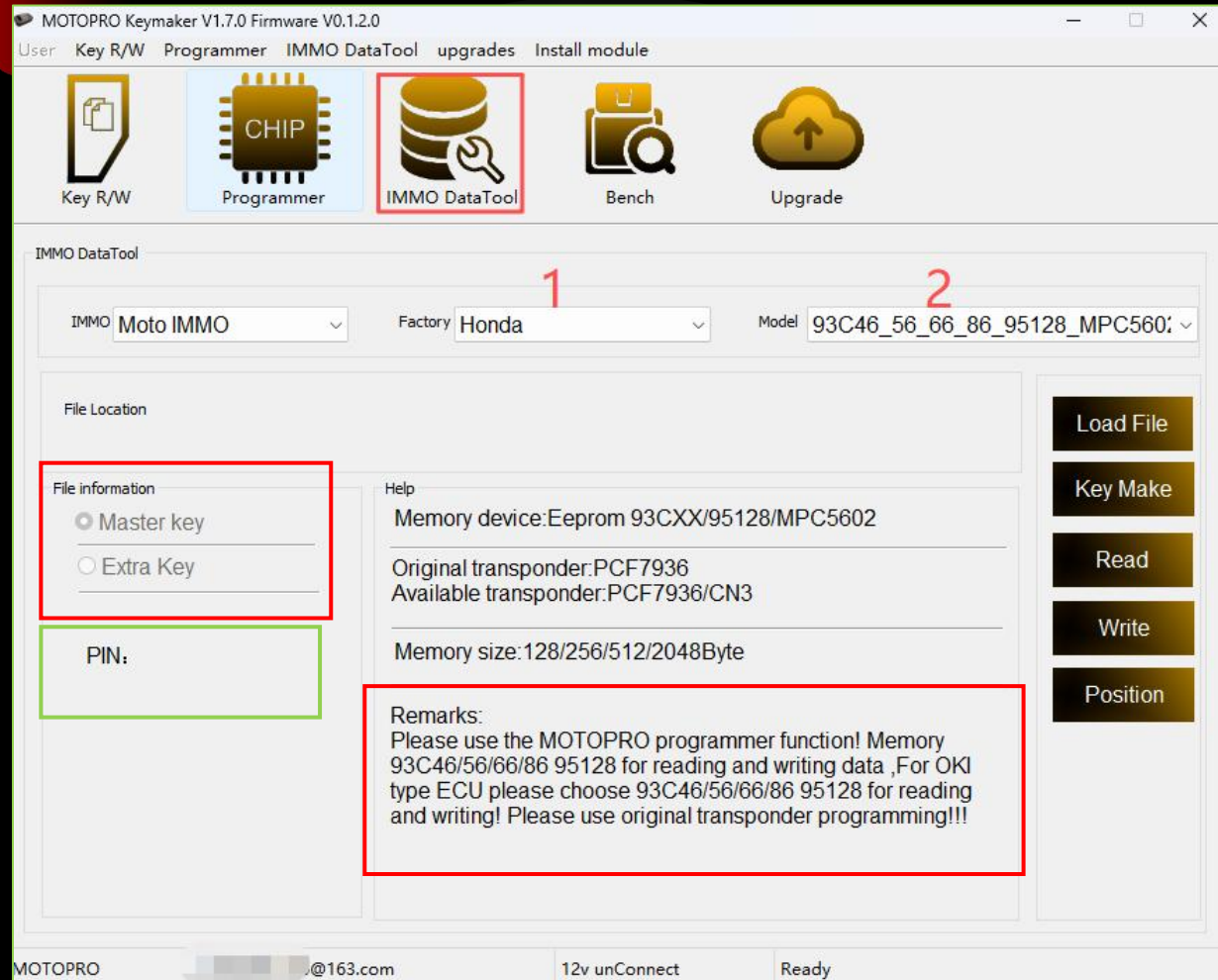
2. **Read**-Read the memory/MCU data; MOTOPRO will automatically save the data.

3. **Key make**-Program the new transponder or smart key.

4. Follow the software prompts. However, for some controller types, after successfully programming the transponder or smart key, MOTOPRO will create a new data file. We need to write the new data file back to the memory.

5. Done, start the motorcycle.

# Key Make

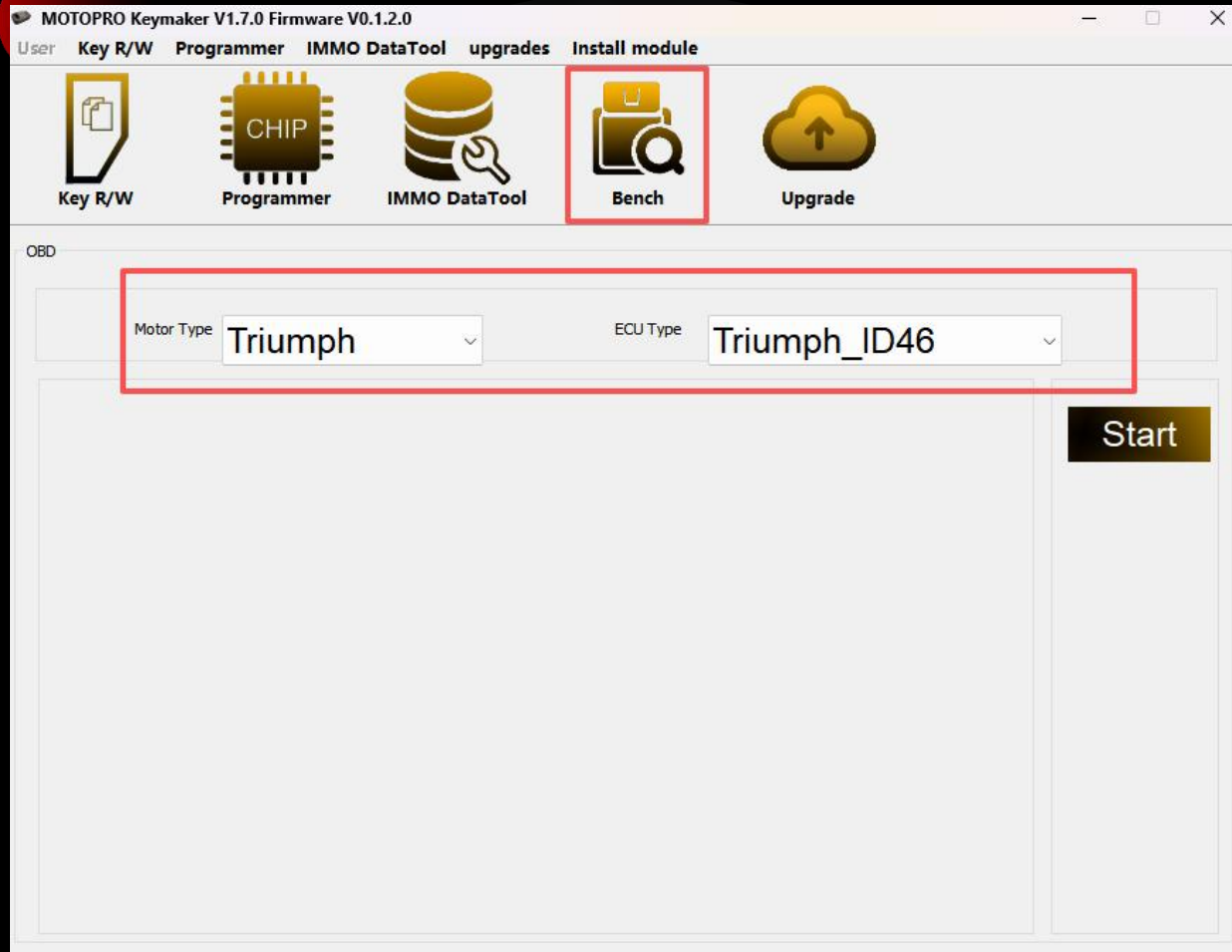


**6.Models that require a PINCODE, You can use this pincode start bike directly .such as: Yamaha, Aprilia, MOTOGuzzi, Ducati etc.**

**7.when load the data ,Select the transponder type according to the prompts**

**8.Important reminder: Please read carefully each time you program your transponder to avoid the risk of operating errors.**

# Bench Function



**The Bench function of the software does not refer to the OBD of the motorcycle. Here it refers to using the OBD protocol to avoid digging and welding. Make operation easier**

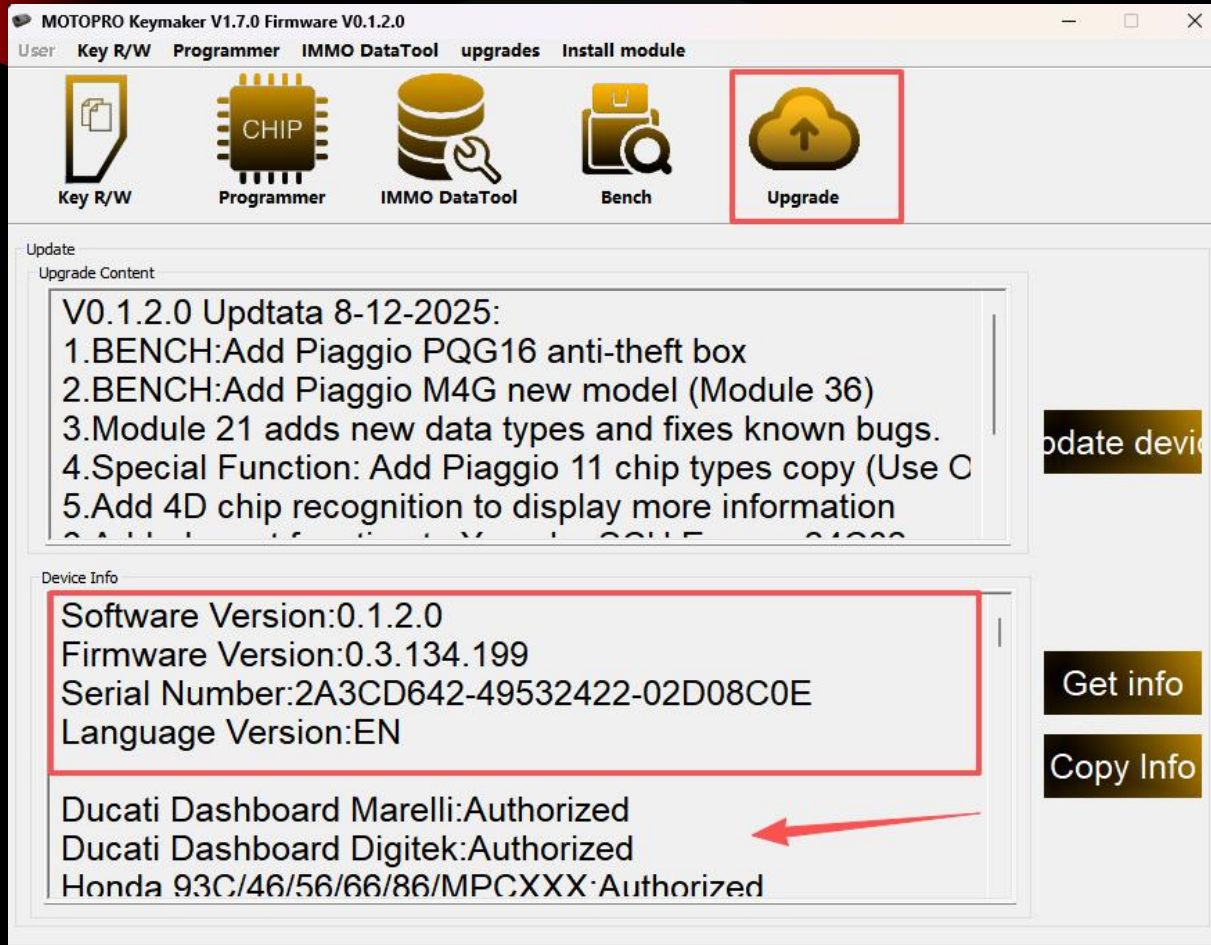
**Support :**

**Piaggio**

**Honda**

**Triumph 46 Mechanical key**

# UPGRADE



- 一、 Device upgrade
- 二、 Authorized module
- 三、 Select “Get info” to display the basic version functions and the types of modules that support authorization

# 03 FUNCTION



**Website :** <https://qbblax.com/>

✓ **Basic Version Free Use**

✓ **No annual fee**

✓ **Built-in wiring diagram**

✓ **Module**

( When you encounter special models, you need to upgrade the function through the authorization module )



Basic Version

| Function               | Brand          | Support Model                                                         |
|------------------------|----------------|-----------------------------------------------------------------------|
| Transponder Read/Write | /              | PCF7936、PCF7938、PCF7939、Texas Crypto、4D、8A、MQB48、TK555                |
| Copy                   | T5             | Piaggio、Vespa T5 chip type, copy                                      |
| Programmer Function    | Memory         | 93C**/95C**/24C**/25C**/S29190                                        |
|                        | MCU            | Freescake9S12/Motorola MC**/Renesas RL/PIC                            |
| PIN CODE Calculation   | YAMAHA         | SCU 93C56/24C02/24C04、TMAX530/TMAX560、YAMAHA SCU 2025 BKA/BSS/BLV,BMM |
|                        | SUZUKI         | SCU 24C02/24C04 FOB                                                   |
| KEY Programmer         | Piaggio/Vespa  | 25080、95320、95640、MC68HC05E6、ST2-F269                                 |
|                        | Ducati         | Dashboard Marelli、DashboardDigitek、MC68HC908                          |
|                        | Honda          | 93C46、93C56、93C66、93C86、MPC560XX                                      |
|                        | SUZUKI         | 93C66、93C86、24C02、24C16、24C64、RH850、R7F7                              |
|                        | YAMAHA         | Seiko S29190、24C04、93C56                                              |
|                        | Kawasaki       | 93c66、93c86、24C02、24C04、24C08、24C64、95640(GTR1400、Jet ski Ultra       |
|                        | MOTO GUZZI     | MGX-21 Audace Eeprom24C32、Dashboard Eeprom 24C32                      |
|                        | Aprilia        | 24C01、24C02、24C16,11/12 Transponder                                   |
|                        | Chinese Haojue | KOVE500X、PCF7938X                                                     |
|                        | BMW            | Husgvarna dashboard 95C160、MTA Dashboard 95C160,C600/C650             |
|                        | OBD Programmer | Piaggio: PGS06、PGS02、PGR02、PGR04、PGN04、PGU09、PGT10、PGVO1              |

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# Basic version Function



# 04

# Transponder



## The main transponder types used in motorcycles :



Original Chip:

**Original 7936AA(46)、**

**Original 7938XA(47)、 Original T5、**

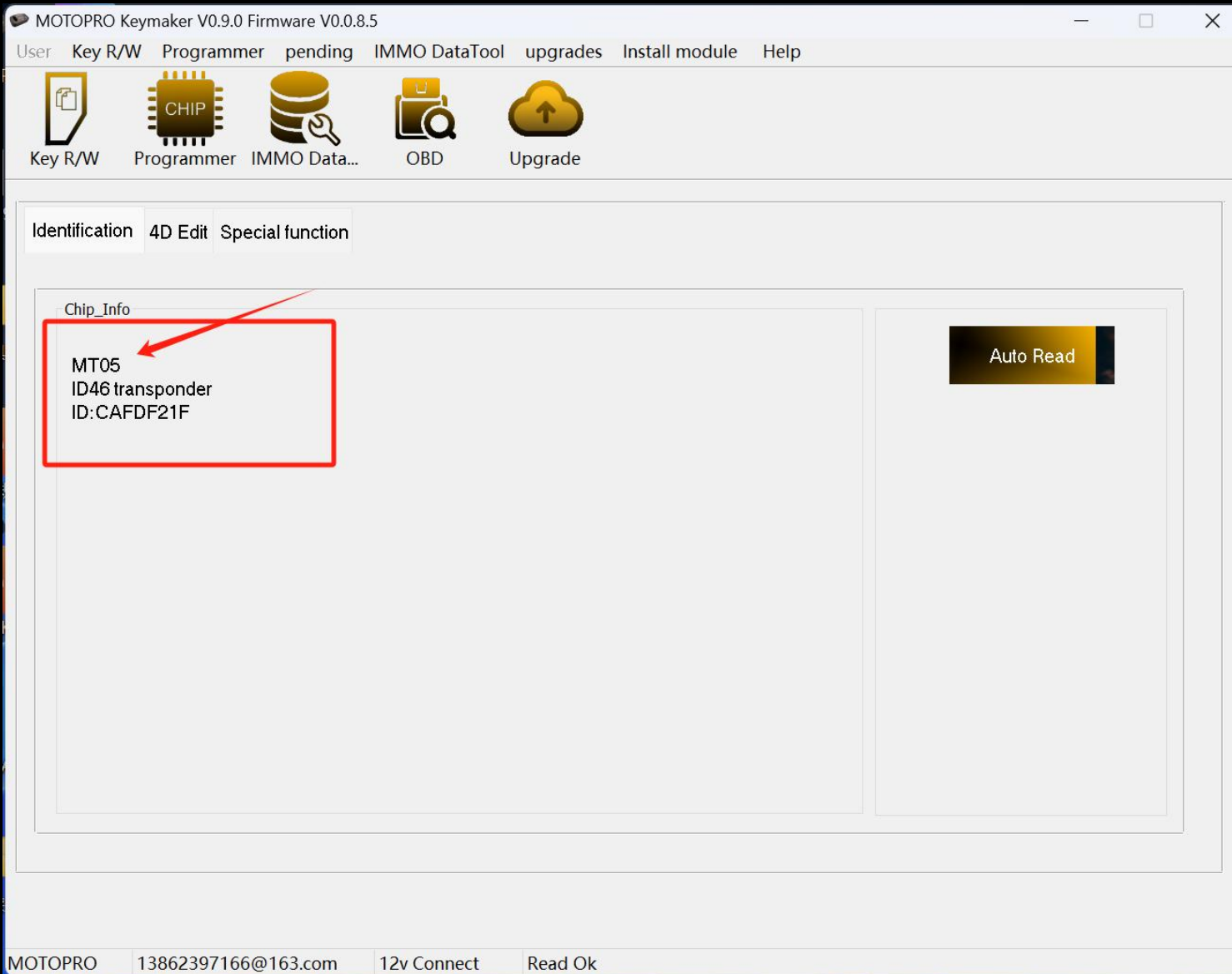
**Original 8A 、 Original 7939MA(4A)、**

**Original 4D**

Aftermarket Chip:

**JMD KING Chip(Need to generate blank transponder)(46 or 4D)  
CN3**

# Transponder-MT05



**MT05 Function:(motopro  
Dedicated chips )**

**When you don't know how to  
choose transponder ,you can Use  
MT05**

- 1. Ducati ktm 4D copy (Module 22)**
- 2. Triumph 46 models programming  
and copying (Module 25)**
- 3. 4D chip, 46 chip programming  
(Like yamaha, honda, suzuki,  
kawasaki, etc.)**

# After-sales service

# After-sales service

1. Please take pictures of the motopro and the controller together
2. please take photos of the front and back of the controller
3. please inform the type of motorcycle and the year
4. Send to Email : [motopro.aftersales@gmail.com](mailto:motopro.aftersales@gmail.com)



MOTOPRO



***Thank you***