

❖ **IMAGE**



Standard package image (STD option)

❖ **INTRODUCTION**

1.1. INTRODUCTION

- **EASYKEY overview:** it is the easy tool for electronic key programming. It has manufactured by DTDAuto Company since 2019. It will save time and money when you solve problems relate to lost all of the keys and adding new key. You also can call this one is a best SCU tool for Motorbike Smart key.
- **EASYKEY user object:**
 - + Customers are electronic key locksmiths
 - + Customers are Smart key motorbike repairers
 - + Support many automatic program features to make all of cases of smart keys direct to SCU without vehicles.

1.2. SMART KEY & IMMOBILISER FUNCTION

Used for vehicles that equipped smart key system of HONDA, YAMAHA, PIAGGIO, VESPA, SUZUKI brands.



- **HONDA:** AIR BLADE 125 (2018-2020), AIR BLADE 125 (2021-2023),,, CLICK-i 125, LEAD 125 (2018-2021), LEAD (2022-2023), PCX 2015-2020, PCX 2021-2023, PCX Hybrid, FORZA (2017-2020), SH MODE (2018-2019), SH MODE (2021-2023), SH 125/150 ESP (2018-2020), SH 125/150 ESP (2021-2023), SH 300i ABS, SCOOPY-i ESP, SCOOPY 2021, VISION 2019-2020, VISION (2021-2023), VARIO 150 (2018-2020), VARIO (2021-2023), X-ADV (2017-2020), X-ADV (2021-2023), ADV (2017-2020), ADV

(2021-2023), SUPER CUB, WINNER X, CBR 1000R (2021-2023), FORZA (2021-2023), SH 350i (2021-2023) ...

- **YAMAHA:** TMAX (2017-2024), XMAX, NMAX, SMAX, AEROX, EXCITER 155 VVA, LEXI, FREEGO S, LATTE, GRANDE, GRAND Hybrid, JANUS Limited, JANUS Premium, NVX 155 ABS, NVX Deluxe, NVX Doxou, QBIX, GRAND FILANO, MX KING 150 ...

- **PIAGGIO:** BEVERLY 125/300/350 MIUG3, FLY 125/150 MIUG3, FLY 125/150 3V MIUG3, LIBERTY 125/150 MIUG3, LIBERTY 125/150 3V MIUG3, LIBERTY 125/150 3V PGN04, LIBERTY 125/150 3V PGT01, LIBERTY 125/150 3V PGS01, LYBERTY ABS PGS06, LIBERTY 125/150 AC19I/20I, LIBERTY 125/150 AC191/201, X10 125/350 MIUG3, FLY 125/150 AC19I/20I, LIBERTY 125/150 3V PGU0X/PGY1X, MEDLEY PGQ16...

- **VESPA:** 946 125/150 3V MIUG3, GTS 125/150/300 MIUG3, LT 125/150 3V MIUG3, LX 125/150 MIUG3, LX 125/150 3V MIUG3, SPRINT 125/150 3V PGS02, LX 125/150 AC19I/AC20I, LX 125/150 AC19I/AC20I, S 125/150 3V MIUG3, SPRINT 125/150 3V PGN04, SPRINT 125/150 3V PGT01, PRIMAVERA 125/150 MIUG3, PRIMAVERA 125/150 PGN04, S125/150 MIUG3, GTS 125/150 MIUG2, S PGU09/ PGT10...

- **SUZUKI:** GSX-R150

1.3. ODO CORRECT FUNCTION (Additional option)

With a add-in ODO cable, you can adjust electronic odometer, restoring original ODO data, read current ODO value** (optional that you need to buy more EASYKEY ADAPTER and ODO cable)

Compatible vehicle ODO list:

- **HONDA:** AIR BLADE (2013-2019), AIR BLADE (2020-2021), AIR BLADE (2022-2024), CB150R (2017-2019), CB300R (2017-2019), CB650R (2019-2021), CBR250, CBR650R (2019-2021), CB650F (2019-2021), CBR650F (2019-2021), CB500X (2019-2021), CBR500R (2019-2021), CB500F (2019-2021), CBR 50RR (2019-2021), CBR 150R (2019-2021), FUTURE NEO Fi, FUTURE X Fi, GENIO (2019-2021), LEAD (2013-2019), LEAD (2020-2021), LEAD (2022-2024), PCX (2008-2013), PCX (2014-2017), PCX 2018, PCX HYBRID, PCX 150 (2021-2024), PCX 160 (2021-2024), SH 300i, SH MODE (2013-2019), SH MODE (2021-2024), SH 125/150/125D/150D/SM (2013-2017), SH 125/150/125D/150D/SM (2018-2019), SH 125/150/125D/150D/SM (2020-2024), SCOOPY-I (2017-2020), SCOOPY 2021, SUPER CUP 125 (2021-2021), MSX, GENIO (2019-2021), VISION 2021-2024, VARIO 150, WINNER, WINNER X, X-ADV, DYLAN, ZOOMER X (2013-2017), ZOOMER X (2018-2020), SONIC, WAVE 110 2021, WAVE 125 (2003-2005), WAVE 125i (2021-2024), CLICK (2012-2014), CLICK (2014-2017) CLICK (2018-2020), VARIO (2014-2017), VARIO (2018-2020), BEAT (2020-2023), DUNK (2017-2023), SUPRA GTR 150 (2014-2018), FORZA, MSX 125 (2019-2020), SUPRA GTR 150 (2019-2023), CLICK (2021-2023), VARIO (2021-2023), X-ADV 2018


- **YAMAHA:** QBIX, ACRUZO , AEROX (2017-2019), AEROX (2020-2023), LEXI S, LATTE, FREGO, NVX (2017-2019), NVX (2020-2023), NMAX (2017-2020), NMAX (2021-2023), NMX (2017-2020), NMX (2021-2023), M-SLAZ (2016-2019), MT-03 (2015-2019), MT-15 (2016-2021), MT-25 (2015-2019), JANUS, TFX, EXCITER (2014-2018), EXCITER (2019-2020), FZ 150, FZ 150i, GRANDE, NOUVO SX, NOUVO LX, YZF-R3 (2014-2018), YZF-R25 (2014-2018), R15, XMAX 300 (2017-2018), TMAX (2001-2003), TMAX (2004-2007), TMAX (2008-2011), TMAX 500 (2008-2011), TMAX 2013, TMAX 2015, Grand Filano, QBIX, XMAX(2017-2019)

- **PIAGGIO:** MEDLY 125, MEDLY 150, MEDLY 125 ABS, MEDLY 150 ABS, LIBERTY ABS, LIBERTY 125 3V PGN04, LIBERTY 150 3V PGN04, LIBERTY 125 3V PGT01, LIBERTY 150 3V PGT01, LIBERTY 125 3V PGS02, LIBERTY 150 3V PGS02, LIBERTY ABS PGS06

- **VESPA:** PRIMAVE 125 PGN04, PRIMAVE 150 PGN04, SPRINT 125 3V PGN04, SPRINT 150 3V PGN04, SPRINT 125 3V PGT01, SPRINT 150 3V PGT01, SPRINT 125 3V PGS02, SPRINT 150 3V PGS02
- **SUZUKI:** RAIDER (2017-2021), SATRIA (2017-2023), GSX 150R (2017-2023)


❖ **OPTIONS**

STRUCTURE IMAGE OF EASYKEY




Option 1:
EASYKEY 6.0
STD version


Option 2:
EASYKEY 6.0
TMA version



EASYKEY ADAPTER
 (Common Adapter)



ODO
 (Odometer correction)



**RENEW ECMID,
 OFF SMK
 & NEW IMMOBILISER**
 (Renew, read ECMID,
 tuning ECM, ON/OFF SMK
 & new Piaggio, Vespa
 Immobiliser)

OPTIONS	FUNCTION
<p>EASYKEY-STD OPTION Product code: ET17STD (Standard package)</p>	<p>1. SMART KEY FUNCTION FOR HONDA, YAMAHA, SUZUKI</p> <ul style="list-style-type: none"> - Read all KEYID# and ECMID directly from vehicle SCUs - Program all cases about Smart Key System such as add keys, lost all of keys, sync SCU-ECM: ON VEHICLE, ON SIMULATOR & Fast automatic programming direct to SCU & ECM (without vehicles) as following:: <ul style="list-style-type: none"> + Register more FOB# for all of cases + Register FOB# when lost all of the FOB# + Quick key registration with KEYID and PN (don't need to read KEYID in SCU) for SCU types of codes: K01 K29 K35 K36 K77 K96 K97 K0R MKHD0 MKTD0 MKRD1 + Delete KEYID in SCU memory + Synchronize SCU & ECM for all of cases + Write ECMID code into SCU (HONDA, YAMAHA, SUZUKI) + Inactivate FOB# code in SCU when lost FOB# + Check FOB# & SCU + Display the status of KEY (ON/OFF) + Display SCU information - Restore SCU data from sample data for HONDA, YAMAHA, and SUZUKI (this function is used to repair software inside SCU when SCU data is faulty) - Copy data from source SCU to destination SCU for all motorbikes that have Smart key system: HONDA, YAMAHA, SUZUKI (This function is used to repair, and swap SCU when SCU hardware/software faults) - Quick sync SCU & ECM (without FOB) for HONDA: SH, PCX, X-ADV... and

equivalent vehicles

2. KEY PROGRAMMING FUNCTION FOR PIAGGIO, VESPA

- Read KEYID from IC/ ECM
- RESET TO NEW immobilizer system
- Register more keys for all cases
- Register a new key when lost all of the keys
- Check the current key via the antenna (for vehicles ECM: PGQ16)
- Support to make key for Motorcycles with ECM codes: ACI100, ACI500 / ACI501 / ACI502 / ACI503 / ACI504 ACI600 / ACI601 / ACI602 / ACI603 / ACI604 / ACI605 / ACI606, ACII / AC2I / AC5I / AC8I / AC13I / AC21I / AC23I, AC19I / AC20I / AC27I, AC24I / AC25I / AC32I MIU1, MIU2, MIU4, MIU G3, RIU1, PGN04, PGS02, PGS05, PGS06, PGU0X*, PGT1X*, PGR0X*, PGQ16* (MEDLEY)...

3. HONDA ON/OFF SMART KEY FUNCTION * (optional)

Smart key is a security system for anti-theft by electronic system with 02 layers combine:

- First security layer between FOB & SCU
- Second security layer between SCU & ECM

When the Engine can start need to bypass 02 layers.

However, some case ECM lost ECMID, cannot found then cannot bypass second security layer and cannot start Engine. Normally, the technician must buy a new ECM for replace and lost many money.

But, when EASYKEY support this OFF Smart key function to ECM by Remap method inside ECM then it will do not check second security layer and automatic bypass second security layer.

So, now smart key will only use first security layer also can start engine with old ECM as normal that do not need to buy a new ECM.

However, the level of security of the anti-theft will be reduced 50% but can accept it.

4. RENEW AND READ ECMID FOR HONDA ECMs (Keihin and Shindengen types) * (optional)


- Renew ECMID inside the ECM for Shindengen ECMs
- Read ECMID inside the ECM for Shindengen ECMs
- Read ECMID inside the ECM for Keihin ECMs

5. ODOMETER CORRECTION FUNCTION ** (optional)

This function is used to adjust the Odometer value on the LCD screen when you replace a new dashboard or the odometer is faulty and you need to edit a new Odometer value equivalent to the old Odometer value to follow the motorcycle using time and maintenance time.



A gift **MOTODATA** software used to lookup motorbikes repair data on computer or mobile for 01 year (**Note: If you want to continue using for the next time then pay the renewal fee**)

<p>EASYKEY-TMA OPTION Product code: ET17TMA (Additional support for YAMAHA TMAX)</p>	<ul style="list-style-type: none"> - Include all functions of STD option - Add key programming for YAMAHA TMAX <ul style="list-style-type: none"> + Register more FOB + Register FOB# when lost all of the FOB# + Inactivate/Activate FOB# in SCU + Read KEYID# in SCU + Delete KEYID# in SCU memory + Copy SCU data + Check KEYID + Check FOB & SCU <p>(Note: STD version is not supported YAMAHA TMAX, if you want to use this function then you upgrade from STD version with additional fee.)</p> <ul style="list-style-type: none"> -  A gift MOTODATA software used to lookup motorbikes repair data on computer or mobile for 01 year (Note: If you want to continue using for the next time then pay renewal fee)
<p>ODO FUNCTION OPTION Product code: EK07-ODO (Optional)</p>	<p>ODO value correction cable, restore original ODO data, read ODO value to repair ODO system for HONDA, YAMAHA, PIAGGIO, VESPA (Look at the vehicle listing above)</p>
<p>SMART KEY OFF & NEW IMMOBILISER FUNCTION Product code: EK07-OFF SMK (Optional)</p>	<p>1. SMART KEY FUNCTION (HONDA)</p> <ul style="list-style-type: none"> - Support remap to OFF/ON SMART KEY (2nd layer of security) for HONDA ACG ECM - Support renew and read ECMID for HONDA ECMs (Keihin and Shindengen types) <p>2. SUPPORT NEW PIAGGIO/ VESPA MODELS UP TO 2023</p> <ul style="list-style-type: none"> - Support programming key for new models with ECM codes: PGU0X, PGT1X, PGR0X, PGQ16 (Medley), (MIU G4* is updating) ... - Support the "RESET TO NEW" function for new ECM codes from PGN0X, PGR0X, PGS0X, PGU0X, PGT1X, PGQ16...

IMPOTANT NOTES WHEN YOU ORDER:

1. To make Smart key for TMAX YAMAHA, you need buy EASYKEY-TMA.
2. To support models and ECM code with mark `*`, you need to buy more EASYKEY ADAPTER and cables.
3. To support functions with mark `**`, you need to buy more EASYKEY ADAPTER and cables of "ODO" function.

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