

❖ **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 AC19I/20I, 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**

SELECTION	SELECTION 1 STANDARD PACKAGE	SELECTION 2 FULL PACKAGE
PRODUCT CODE	<b>ET17STD</b>	<b>ET17FULL</b>
PRICE	<b>\$290.00</b>	<b>\$675.00</b>
STANDARD PACKING LIST	EASYKEY handheld device Standard cables MOTODATA software gift for 1 year	EASYKEY handheld device Standard cables MOTODATA software gift for 1 year
ADVANCED PACKING LIST	TMAX Smart key cables (for YAMAHA TMAX 2017-2020) EASYKEY Adapter package includes: - Renew & read ECMID, OFF SMK & New Immobilizer cable - ODO cables - TMAX Smart key cables (for YAMAHA TMAX 2021-2024)	TMAX Smart key cables (for YAMAHA TMAX 2017-2020) EASYKEY Adapter package includes: - Renew & read ECMID, OFF SMK & New Immobilizer cable - ODO cables - TMAX Smart key cables (for YAMAHA TMAX 2021-2024)

❖ **FUNCTION**

**1. SMART KEY FUNCTION FOR HONDA, YAMAHA, SUZUKI** (for standard & full package)

- Read all KEYID# and ECMID directly from vehicle SCUs
- Program all cases about Smart Key System such as adding keys, losing all of the keys, syncing SCU-ECM: ON VEHICLE, ON SIMULATOR & Fast automatic programming direct to SCU & ECM (without vehicles) as following: :

- + 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 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** (for standard & full package)

- 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)... (ECM codes marked with '\*' only supports the full package)

## **3. KEY PROGRAMMING FOR YAMAHA TMAX (2017-2024)** (only support for full package)

- + 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

## **4. HONDA ON/OFF SMART KEY FUNCTION** (only support for full package)

 [Click here to see list of vehicle for ON/OFF Smart key function](#)

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

- 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.

### **5. RENEW AND READ ECMID FOR HONDA ECMs (Keihin and Shindengen types) (only support for full package)**

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

### **6. ODOMETER CORRECTION FUNCTION (only support for full package)**

ODO value correction, restore original ODO data, read ODO value to repair ODO system for HONDA, YAMAHA, PIAGGIO, VESPA

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)

**❖ PACKING LIST**

<b>NO.</b>	<b>ITEM</b>	<b>IMAGE</b>
1	Handheld	
2	EK07-SP01 cable used to program smart key for HONDA: SH, PCX, X-ADV...	
3	EK07-VS02 cable used to program smart key for HONDA: VISION 2021, PCX 2021	
4	EK07-LV01 cable used to program smart key for HONDA: AIR BLADE, LEAD, VISION, VARIO, CLICK	
5	EK07-YS01 cable used to program smart key for YAMAHA, SUZUKI	
6	EK07-PG cable used to program smart key for PIAGGIO	
7	EK07-ACI cable used to program smart key for PIAGGIO	
8	Power cable	

NO.	ITEM	IMAGE
9	220V/AC to 12V/DC power converter	
10	EK07-Update cable	
11	EK07-TM01 cable used to read KEYID for YAMAHA TMAX 2017-2019 <i>(only available in full package)</i>	
12	EK07-TM02 cable used to program SCU for YAMAHA TMAX 2017-2019 <i>(only available in full package)</i>	
13	EASYKEY adapter <i>(only available in full package)</i>	
14	<p>- Cables used to adjust ODO value, restore original ODO data, read ODO value to repair ODO system for HONDA, YAMAHA, SUZUKI, PIAGGIO, VESPA</p> <p>- Cable used to read KEY ID for YAMAHA TMAX 2020-2024</p> <p><i>(only available in full package)</i></p>	
15	Support renew ECMID, remap to OFF/ON SMART KEY, support new PIAGGIO/ VESPA models up to 2023 <i>(only available in full package)</i>	
16	Quick guide	

<b>NO.</b>	<b>ITEM</b>	<b>IMAGE</b>
17	Handbag	

**DTDAUTO VIETNAM Co., Ltd**

Phone: +84 913555416

Address: No. 12, 93 Alley, Cau Giay street, Hanoi city, Vietnam

Email: [dtdauto@gmail.com](mailto:dtdauto@gmail.com)Website: [www.dtdauto.com](http://www.dtdauto.com)