

## Connecting the PCX125(WW125 EBJ-JF28) ECU to the ENIGMA Bluetooth version

Supported models of this manual

**ENIGMA type** ENIGMA (EBD310 / EBD310RTF)  
USB connection version is written in the description below.

**Vehicle type** HONDA PCX125(JF28-1000001-)(JF28-1100001-)  
It has been produced in PCX125-JF28 only. Do not install the PCX125-JF56 or PCX150.  
It may cause trouble if you install it because it is manufactured based on the basic data of the normal injection ECU of PCX125-JF28.

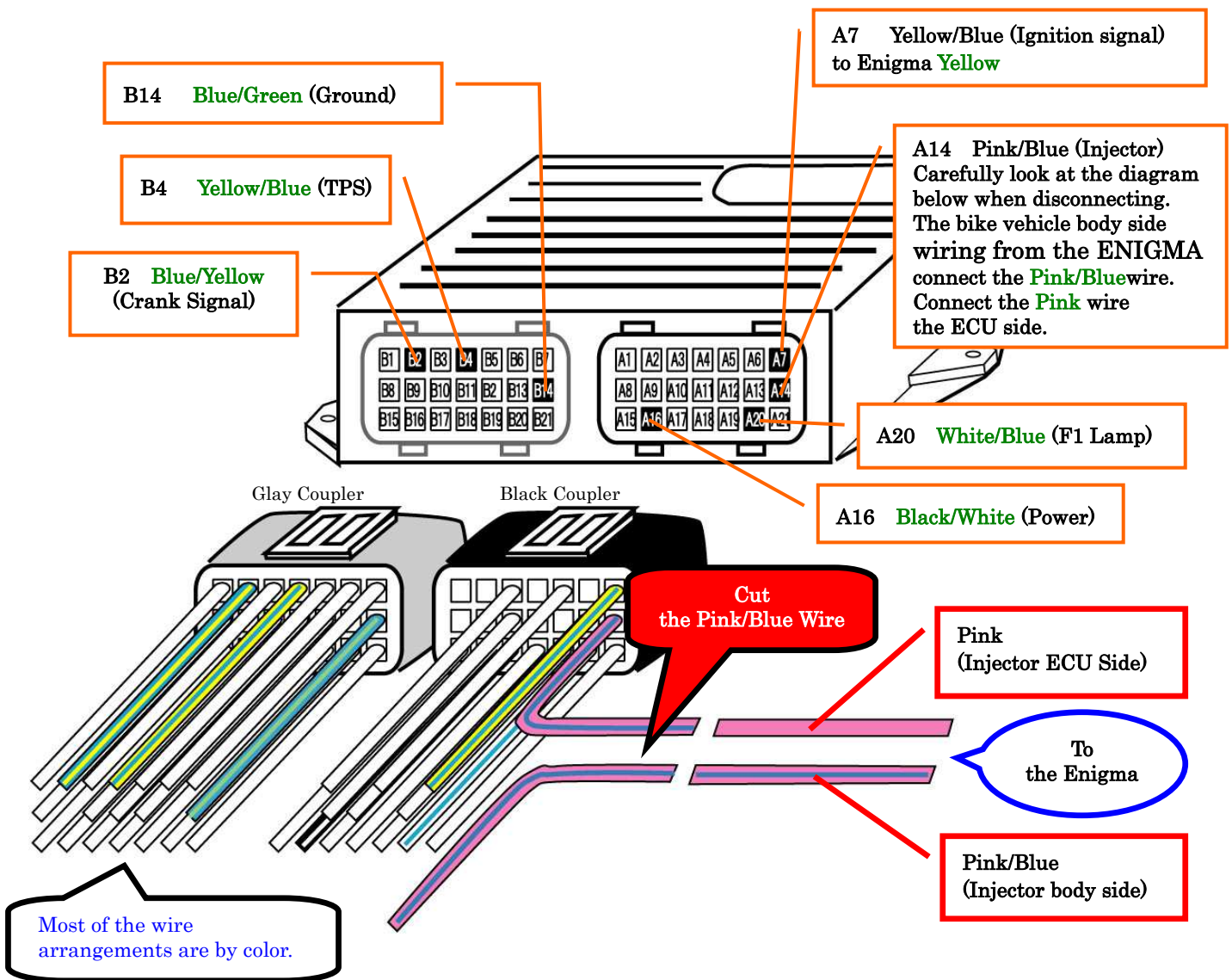
If you use the RTF type, remove the coupler which is connected to the ECU, please connect the coupler that has come out from ENIGMA RTF to the ECU and the vehicle body side. Please make sure that the lock sound is a "click".

Installation should be done in a safe place. A basic knowledge of PCX125(JF28) maintenance is necessary. There is an ECU (after minor model) back around the lower right frame under the (minor previous model) right front tire slightly and remove the exterior around the lid of the gasoline cock of feet ahead of the normal vehicle is attached. Remove the 21pin coupler (Black and Gray) then the ECU.

Make an **interrupt connection** from the ENIGMA wiring to the wiring on the coupler side.  
(AN interrupt connection can made without cutting but by making a branch in the normal connection)  
Do not use an electro tap on the interrupt wiring connection. It causes many connection issues that are problematic to the operation of the ENIGMA. (Use solder or the like for improved reliability.)

The wires from the Enigma will be the fundamentally the same, or similar to that of the wires it will connect to from the motor cycle. Please carefully follow the diagram below when making the connection. There are a total of 8wires.

- **The Purple cable is a service cable and is not to be connected to the ECU.**
- By cutting the No.A14 Pin (Pink / Blue) wire of ECU (Injecttor), the bike vehicle body side wiring from the ENIGMA connect the Pink / Blue wire. Connect the Pink wire the ECU side. Carefully look at the diagram below when disconnecting.
- There is a **"Yellow / Blue"** wire coupler in Black/Gray coupler both.  
**Please connection work so as not to confuse great care to keep connected to each, or because there is an interrupt.**  
(Black coupler)ECU of A7 Pin (Yellow/Blue) (Ignition)wire interrupt connect the Yellow wire of ENIGMA.
- In order to prevent the reporting water from entering into the ENIGMA inside from the base of the wiring from ENIGMA, it is recommended that you install in the lower wiring side in the vertical the ENIGMA.



ECU terminal connected 7wires B2,B4,B14,A7,A14,A16,A20. Please confirm the picture.

The Purple line is the service output line. The ENIGMA will output 5V each crank rotation. Most commercially available digital tachometers are supported. Exact values will be displayed if these cables are connected. They are useful to various applications. Do not short-circuit by taping when there is no need.

The limiter has not been canceled after the wiring connection is complete. It can be easily canceled by communicating with the Enigma operating software on a smartphone or PC.

Please use the **ENIGMA** dedicated app for the iOS/Android version of the app. Download the **PCX125 (JF28)** dedicated ENIGMA app from the model selection screen in the app. Other Vehicle dedicated apps cannot be used.

Please use the **PCX125 (JF28)** dedicated ENIGMA PC software. Other Vehicle, Other ENIGMA dedicated PCsoftware,cannot be used.

The Enigma operating software for smartphone or PC can be downloaded free from our website. <http://www.dilts-japan.com>

## Connecting the PCX125(WW125 EBJ-JF28) ECU to the ENIGMA USB version

Supported models of this manual

**ENIGMA type** ENIGMA (EUD310)

**Vehicle type** HONDA PCX125(JF28-1000001-)(JF28-1100001-)

It has been produced in PCX125-JF28 only. Do not install the PCX125-JF56 or PCX150.

It may cause trouble if you install it because it is manufactured based on the basic data of the normal injection ECU of PCX125-JF28.

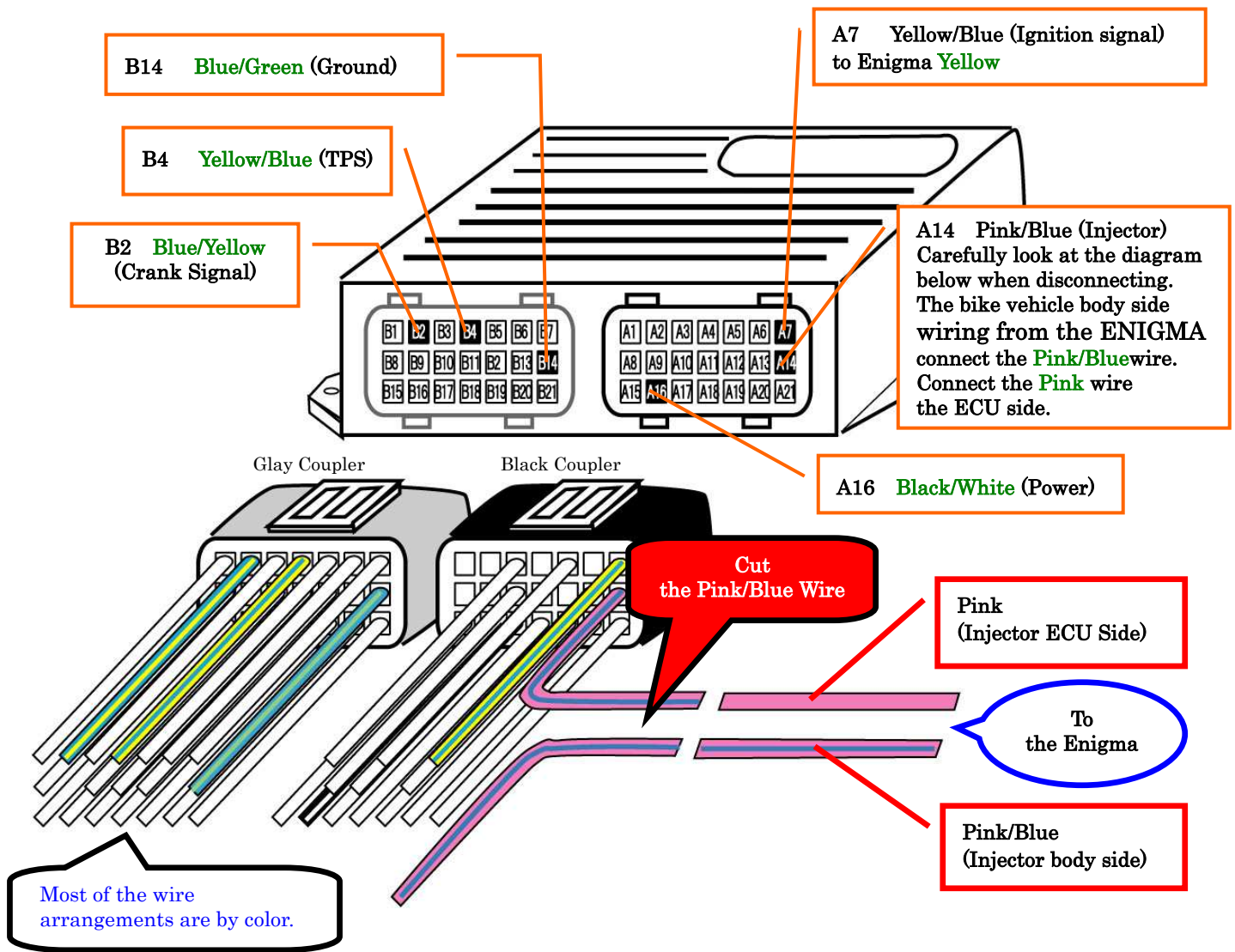
Installation should be done in a safe place. A basic knowledge of PCX125(JF28) maintenance is necessary. There is an ECU (after minor model) back around the lower right frame under the (minor previous model) right front tire slightly and remove the exterior around the lid of the gasoline cock of feet ahead of the normal vehicle is attached. Remove the 21pin coupler (Black and Gray) then the ECU.

Make an **interrupt connection** from the ENIGMA wiring to the wiring on the coupler side. (AN interrupt connection can made without cutting but by making a branch in the normal connection) Do not use an electro tap on the interrupt wiring connection. It causes many connection issues that are problematic to the operation of the ENIGMA. (Use solder or the like for improved reliability.)

The wires from the Enigma will be the fundamentally the same, or similar to that of the wires it will connect to from the motor cycle. Please carefully follow the diagram below when making the connection.

There are a total of 7wires.

- **The Purple cable is a service cable and is not to be connected to the ECU.**
- By cutting the No.A14 Pin (Pink / Blue) wire of ECU (Injecttor), the bike vehicle body side wiring from the ENIGMA connect the Pink / Blue wire. Connect the Pink wire the ECU side. Carefully look at the diagram below when disconnecting.
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**Please connection work so as not to confuse great care to keep connected to each, or because there is an interrupt.**  
(Black coupler)ECU of A7 Pin (Yellow/Blue) (Ignition)wire interrupt connect the Yellow wire of ENIGMA.
- In order to prevent the reporting water from entering into the ENIGMA inside from the base of the wiring from ENIGMA, it is recommended that you install in the lower wiring side in the vertical the ENIGMA.



ECU terminal connected 6wires B2,B4,B14,A7,A14,A16. Please confirm the picture.

It is convenient to install ENIGMA near the gas cock so that the USB cable can be taken out when the fuel filler is opened.

The Purple line is the service output line. The ENIGMA will output 5V each crank rotation. Most commercially available digital tachometers are supported. Exact values will be displayed if these cables are connected. They are useful to various applications. Do not short-circuit by taping when there is no need.

The limiter has not been canceled after the wiring connection is complete. It can be easily canceled by communicating with the Enigma operating software on a PC. **USB connection requires driver installation.**

Please use the **PCX125 (JF28)** dedicated ENIGMA PC software. Other Vehicle, Other ENIGMA dedicated PCsoftware,cannot be used.

The Enigma operating software for PC can be downloaded free from our website.

<http://www.dilts-japan.com>