

## Connecting the ZOOMER-X(FI) ECU to the Enigma Bluetooth version

Supported models of this manual

**ENIGMA type** ENIGMA (EBD345)

**Vehicle type** HONDA ZOOMER-X (FI)

Installation should be done in a safe place.

A basic knowledge of the ZOOMER-X(FI) maintenance is necessary.



On a standard bike, the ECU placed inside the front cover. The ECU is rubber-mounted when the front cover is removed. Mount the ENIGMA to the back of the light.

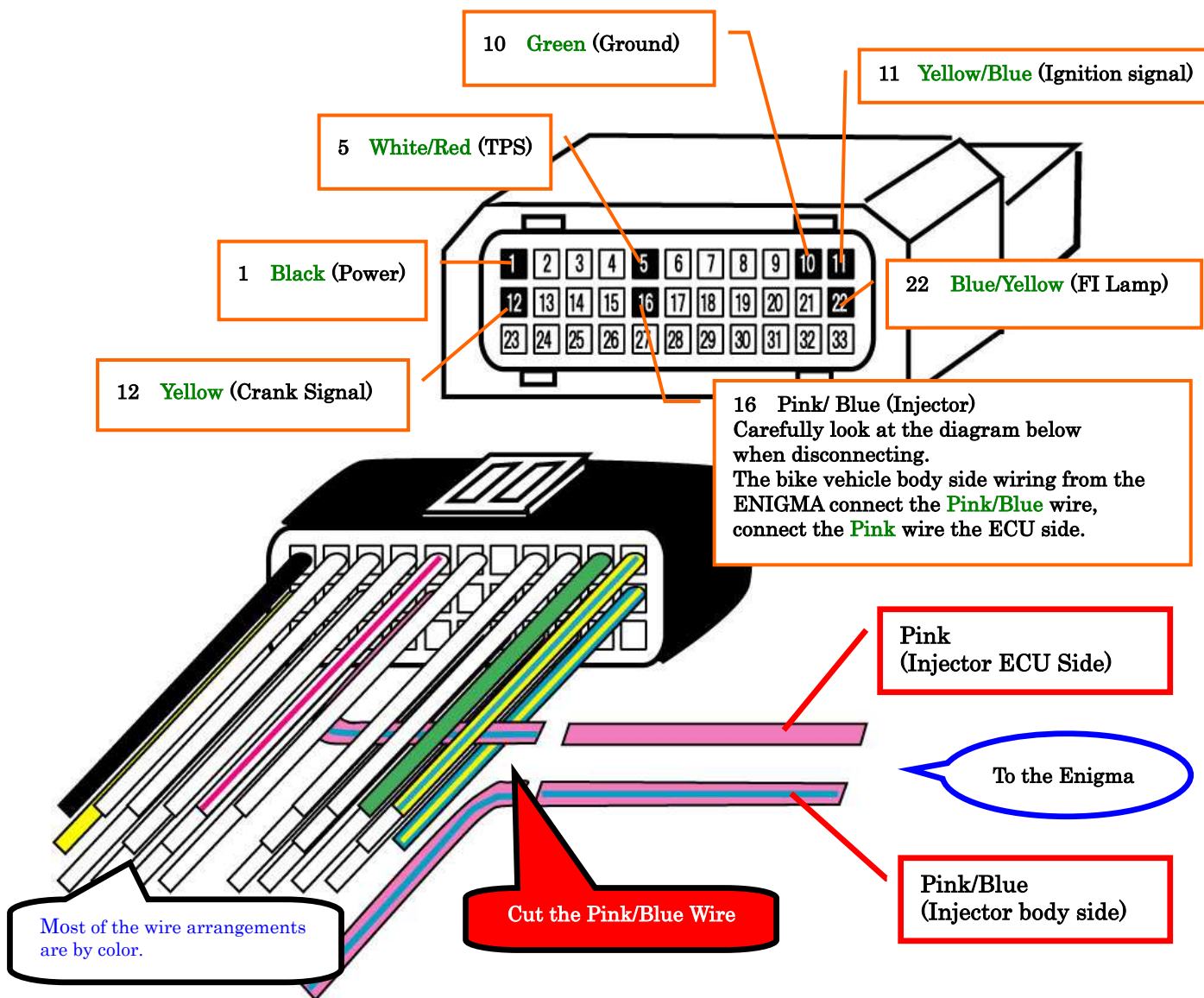
Make an **interrupt connection** from the Enigma wiring to the wiring on the coupler side.

**(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 bike. 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.16 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.  
As there is polarity in connection, please check well in the figure below and connect it without any mistake.
- **The ZOOMER-X is particularly prone to water due to the bike's construction, so cover it with a plastic bag or similar.**
- In order to prevent the reporting water from entering into the ENIGMA inside from the base of the wiring from the ENIGMA , it is recommended that you install in the lower wiring side in the vertical the ENIGMA .



Terminal that connects to the ECU is 1, 5, 10, 11, 12, 16, 22 7places of. Please check the above diagram.

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 **ZOOMER-X (FI)** dedicated ENIGMA app from the model selection screen in the app. Other Vehicle dedicated apps cannot be used.

Please use the **ZOOMER-X (FI) ENIGMA** dedicated PCsoftware. Other Vehicle, Other ENIGMA dedicated PCsoftwares,cannot be used.

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