

Connecting the CygnusX(ECU) to the Enigma Bluetooth version

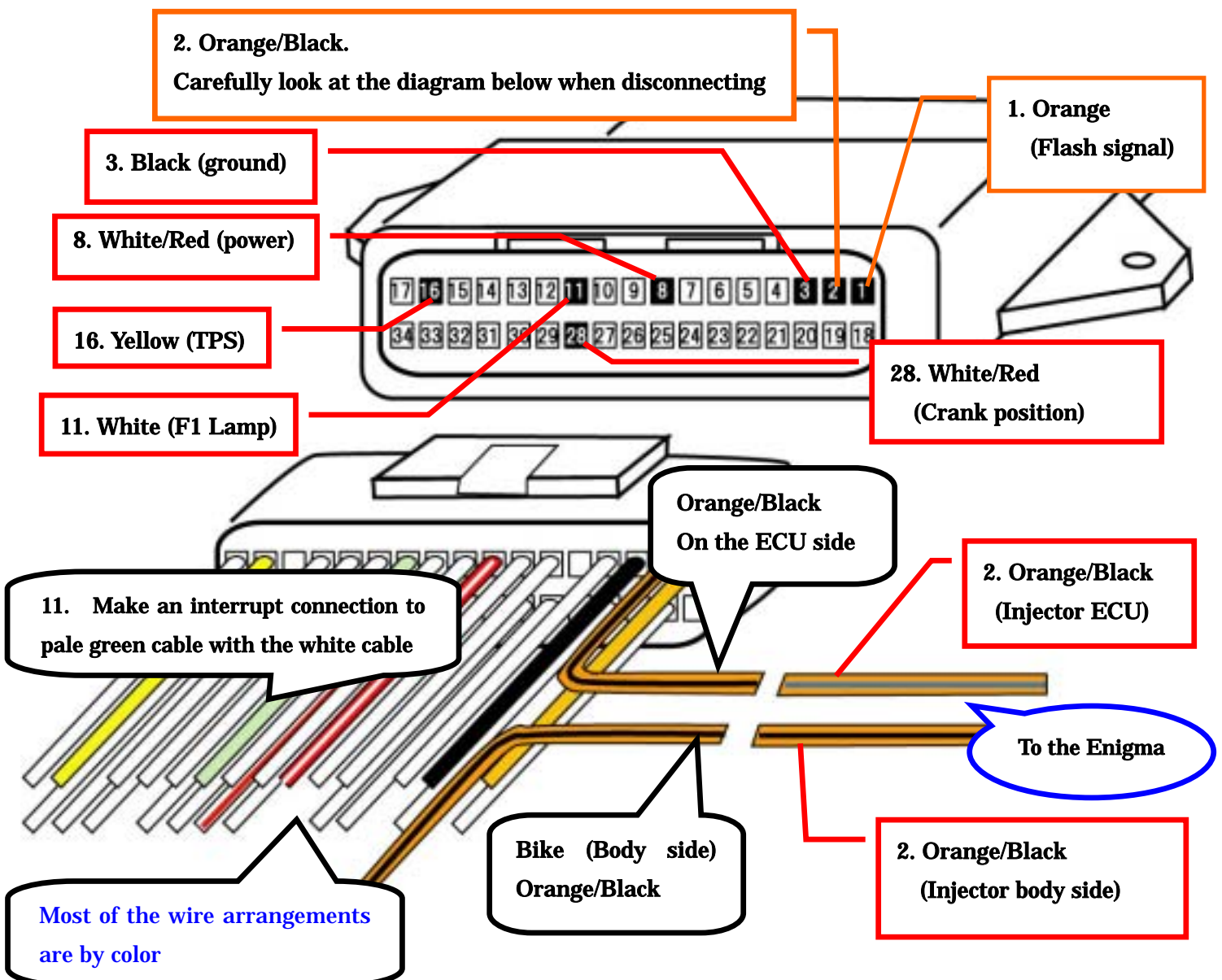
Installation should be done in a safe place. A basic knowledge of Cygnus X maintenance is necessary. On a standard bike, the ECU will fixed with two Phillips head screws on the front lower left. This can be accessed by removing the front cowl. Remove the 34-pin coupler then the ECU.

USB connection version is written in the description below.

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.)

Only disconnect the (orange / black) ECU2 cable of the Cygnus X, shown in the diagram below. Connect each one to the Enigma wiring. Because there is polarity in the connection, please carefully follow the diagram below when making the connection.

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 8 wires. **The purple cable is a service cable and is not to be connected to the ECU.**



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.

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

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