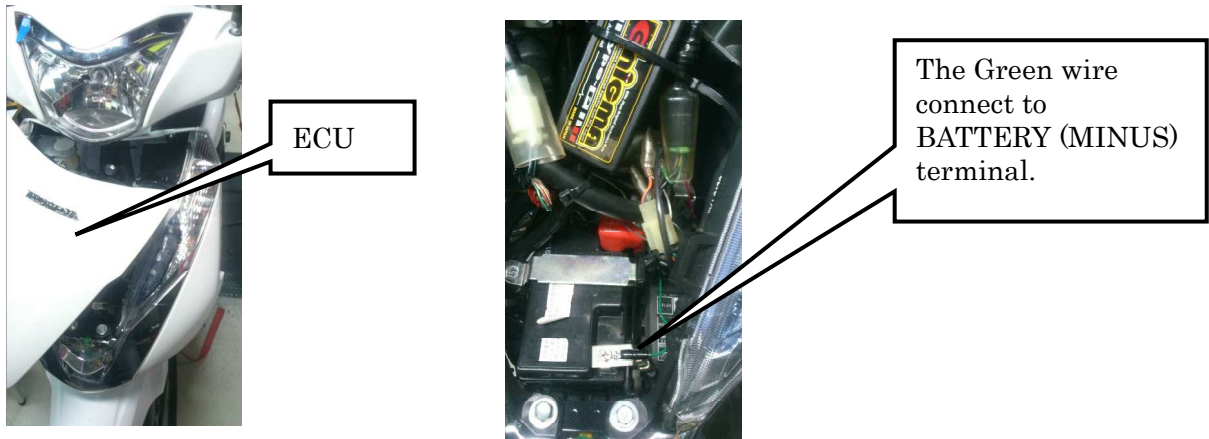


Connecting the LEAD125 ECU to the Enigma Bluetooth version

Installation should be done in a safe place. A basic knowledge of LEAD125 maintenance is necessary.

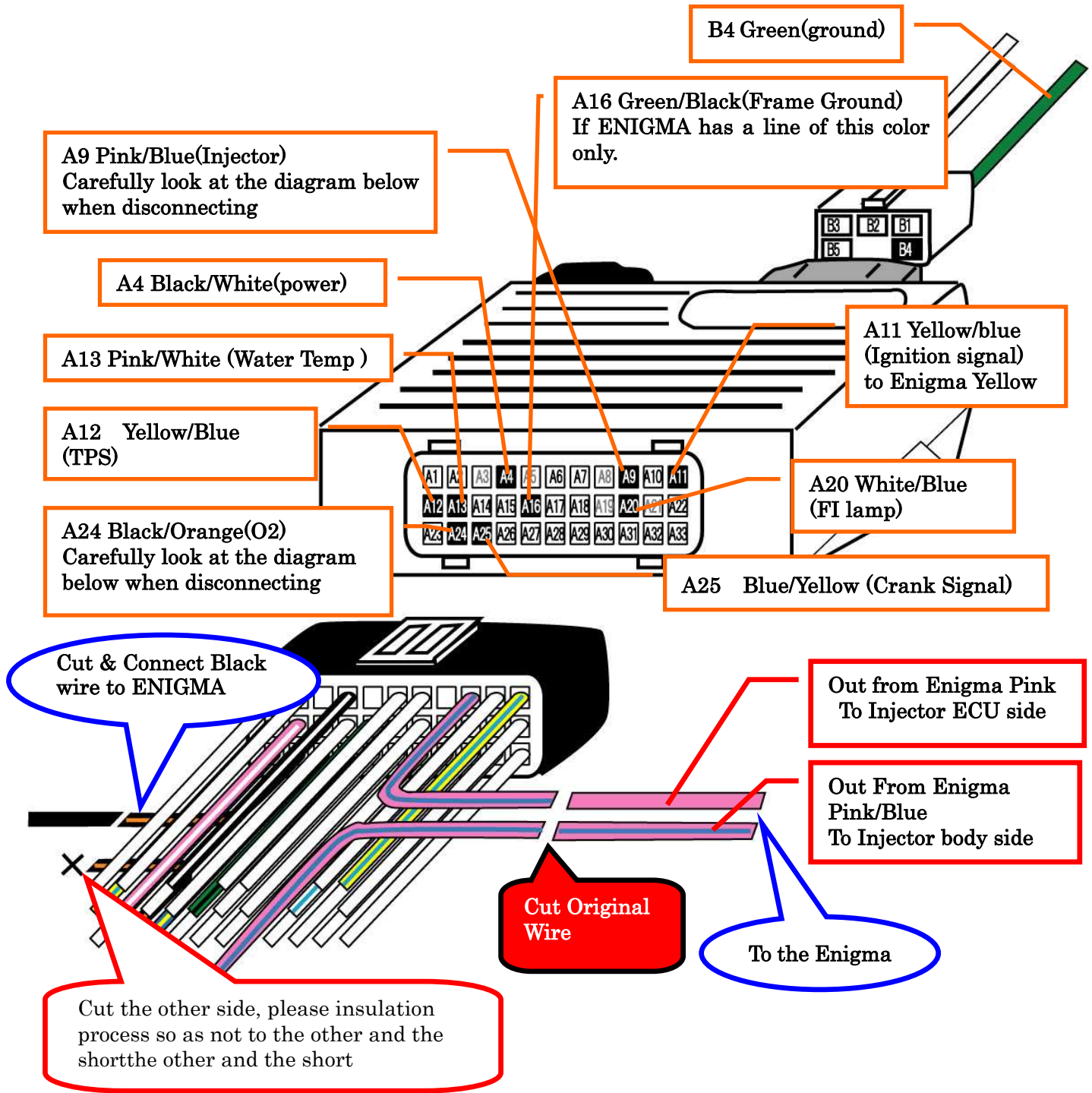


There is an ECU back around the lower right frame under the right front tire slightly and remove the exterior around the lid of the gasoline cock of feet ahead of the normal vehicle is attached. Remove the 33pin coupler then the ECU.

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 11 wires. In particular the following wiring connection you need to be careful.

- Green lines of ENIGMA (GND), is located on the opposite side of the 33-pin connector on the ECU 5 pin connector B4 Pin (green) line or, please connect to the chassis ground.
- By cutting the A9 Pin (peach / blue) line of ECU (Injecttor), the bike vehicle body side wiring from ENIGMA Connect the peach / blue line. Connect the peach line the ECU side.
- ECU of A11 Pin (yellow / blue) (Ignition)line interrupt connect the yellow line of ENIGMA.
 ECU of A12 Pin (yellow / blue) (TPS)line interrupt connect the yellow / blue line of ENIGMA
Since the wiring of the same color has come out from the ECU, please pay special attention.
- By cutting the A24 Pin (black / orange) line of ECU (O2 sensor), the ECU side wiring from ENIGMA Connect the black line. Insulation processing the black / orange line the vehicle body side.
- If ENIGMA has Green / Black line and connect to the body earth (frame GND) or the No.16 Pin(green / black)wire of ECU or the minus terminal of the battery.
- **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.**
- **The purple cable is a service cable and is not to be connected to the ECU.**



■ Terminal that connects to the ECU is A4, A9, A11, A12, A13, A16, A20, A24, A25, B4 10 places 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.

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

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

It has been produced in LEAD125 only. Do not install the PCX125 or other eSP Engine. It may cause trouble if you install it because it is manufactured based on the basic data of the normal injection ECU of LEAD125.