

## Connecting CROSSCUB110(EBJ-JA10 4000001~4099999) ECU to the ENIGMA LC Bluetooth version

Supported models of this manual

ENIGMA type ENIGMA LC (EBD370LC / EBD370LCRTF)

Vehicle type HONDA CROSSCUB110(EBJ-JA10 4000001~4099999)

The CROSSCUB110(JA45) can not connect to the ENIGMA LC (EBD370LC / EBD370LCRTF).

Installation should be done in a safe place.

A basic knowledge of the CROSSCUB110(JA10)maintenance is necessary.

There is an ECU inside the side cover (right) and remove side cover(right) and rubber mount.

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

(AN interrupt connection can made without cutting but by making a branch in the normal connection)

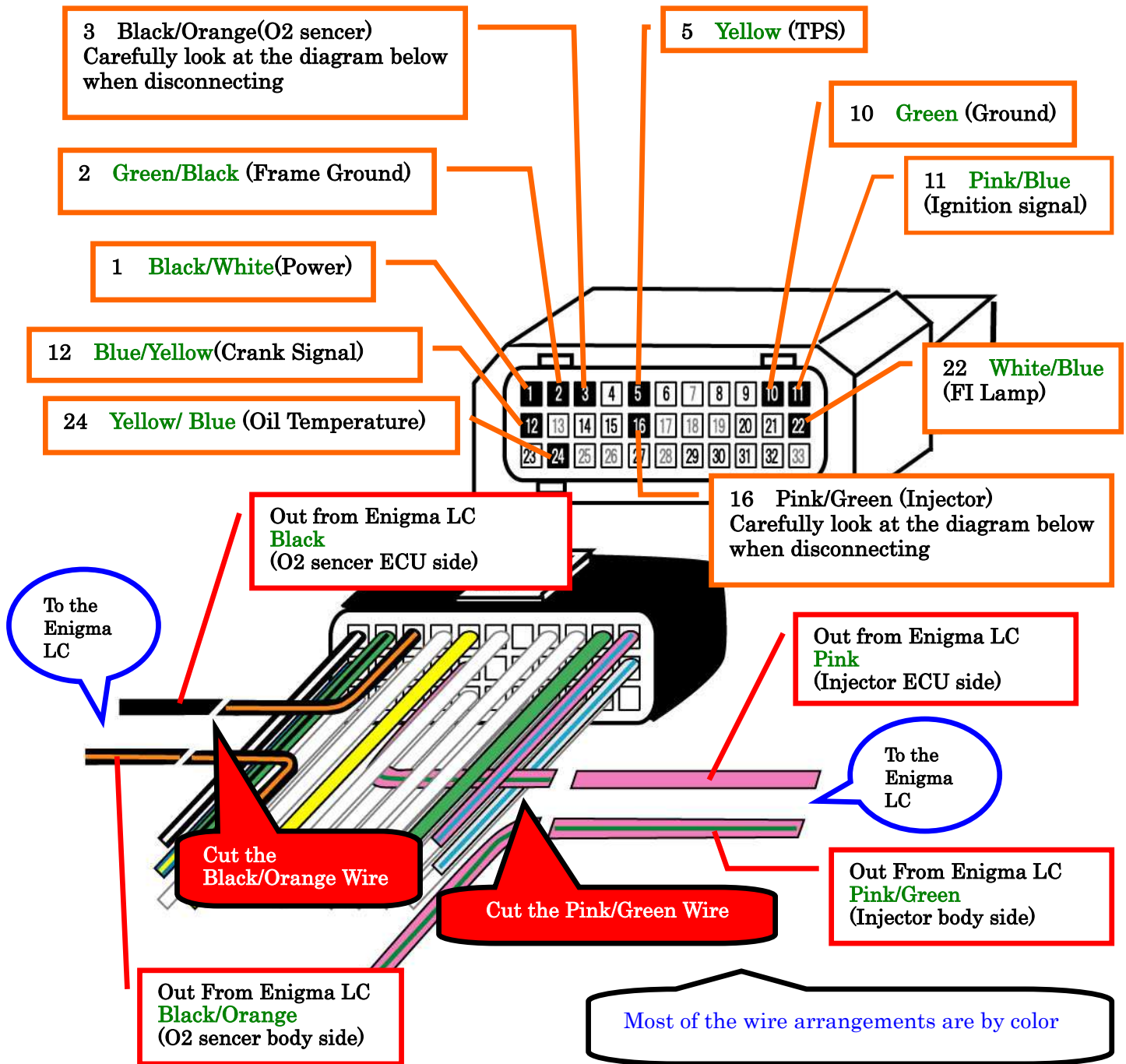
Do not use an electro tap on the interrupt wiring connection. It causes many connection issues that are problematic to the operation of the ENIGMA LC. (Use solder or the like for improved reliability.)



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 LC RTF to the ECU and the vehicle body side. Please make sure that the lock sound is a "click".

The wires from the ENIGMA LC will be 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 12 wires.

- The purple cable is a service cable and is not to be connected to the ECU.
- By cutting the No.16 Pin (Pink / Green) wire of ECU (Injecttor), the bike vehicle body side wiring from the ENIGMA LC connect the Pink / Green wire. Connect the Pink wire the ECU side.
- Both the No.9 Pin and the No.10 Pin are the Green wire.
- By cutting the No.3 Pin (Black/ Orange) wire of ECU (O2 sencer), the bike vehicle body side wiring from the ENIGMA LC connect the Black/ Orange wire. Connect the Black wire the ECU side.
- In order to prevent the reporting water from entering into the ENIGMA inside from the base of the wiring from the ENIGMA LC, it is recommended that you install in the lower wiring side in the vertical the ENIGMA LC.



ECU terminal connected 10wires 1,2,3,5,10,11,12,16,22,24. Please confirm the picture.

The purple line is the service output line. The ENIGMA LC 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 LC dedicated app for the iOS/Android version of the app. Download the CROSSCUB110(EBJ-JA10 4000001~4099999)dedicated ENIGMA LC app from the model selection screen in the app. Other Vehicle dedicated apps cannot be used.

Please use the CROSSCUB110(EBJ-JA10 4000001~4099999)dedicated ENIGMA LC PCsoftware. Other Vehicle, Other ENIGMA dedicated PCsoftwares,cannot be used.

The ENIGMA LC operating software can be downloaded free from our website.  
<http://www.dilts-japan.com>