

Connecting the JOG-ZR (EBJ-SA39J) ECU to the ENIGMA SemiFull Bluetooth version

Supported models of this manual

ENIGMA type ENIGMA SemiFull SF2230RTF

Vehicle type YAMAHA JOG-ZR (JBH-SA39J) / VINO50

Installation should be done in a safe place.

A basic knowledge of JOG-ZR (JBH-SA39J) 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 coupler which is connected to the ECU, please connect the coupler that has come out from ENIGMA SemiFull RTF to the ECU and the vehicle body side.

Please make sure that the lock sound is a "click".

In order to prevent the reporting water from entering into the ENIGMA SemiFull inside from the base of the wiring from the ENIGMA SemiFull, it is recommended that you install in the lower wiring side in the vertical the ENIGMA SemiFull.

The Purple wire is the service output wire.

The ENIGMA SemiFull will output 5V each crank rotation (or Once every two crank revolutions). 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 Blue/White wire is a wire for the MAP changeover switch.

When you do not want to use the wiring for the MAP changeover function, please tip of the wire is insulated with tape so as not to short against the metal part.

The service output wire (Purple) and the MAP changeover switch wire (Blue/White) are contained within a wire wrapped in spiral tubing.

Please remove wires from the spiral tubing as needed for extension or other use.

Please use the ENIGMA Semifull dedicated app for the iOS/Android version of the app.

Download the **JOG-ZR (JBH-SA39J)** dedicated ENIGMA Semifull app from the model selection screen in the app. Other Vehicle dedicated apps cannot be used.

Please use the **JOG-ZR (JBH-SA39J)** dedicated ENIGMA Semifull PCsoftware.

Other Vehicle, Other ENIGMA dedicated PCsoftwares,cannot be used.

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

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

Installation of the MAP changeover switch

"Blue/White wire" that has come out from ENIGMA Semiful is the wiring for the MAP changeover switch installation. You can instantly switch between a two maps with the MAP changeover switch.

Do those who want to use this feature by performing the following tasks.

In general, to buy a handle mounting switch, which is commercially available, it should be placed in easy-to-use position. (If you are installing to handle and place easy to operate location does not interfere with operation.)

Switch is common thing that cuts in the "OFF" position to connect with the "ON" position.

Switch is not suitable to be connected only when you press. be careful.

Connect the Blue/White line from the ENIGMA Semiful when finished the installation of the switch.

Connect the Blue/White line to one of the terminals of the switch. The other is connected to ensure that "body earth". **The most reliable of is to connect to the negative battery. Circuit will be burned down and unavailable when connecting to the positive wrong. Never done.**

This completes the wiring for the MAP changeover switch with more work.

When you do not want to use the wiring for the MAP changeover function, please tip of the wire is insulated with tape so as not to short against the metal part.

When switching maps, Be sure to transfer the data to both maps before starting to avoid engine trouble.