

Kokusan Denki Efi Tools

DOWNLOADING THE SOFTWARE

As you complete the form founded on WWW.TRAUBENACKER.COM" successfully, you will get acces to a virtual hard disk drive where you can download all the required tools. The FI maps will be sent particulary to your adress in 24/48 Hours since you complete the activation process. On ECU type, you must note if it is a EOC17 or a EOC19 ecu. Your dealer can help you to identify your ECU. In order to acces the virtual hard disk drive, you must use the password "kdefitools". Check that you have the CAPS lock function disabled.

INSTALLATION

- 1.- Download the file "drivers.zip"
- 2.- Decompress the file "CDM v2,08,30 WHQL Certified.exe"
- 3.- Follow the instructions
- 4.- Connect the diagnostic cable to the computer (Try to connect it always on the same port)
- 5.- Type "devmgmt.msc" on the windows Command Propmt line
- 6.- Click on to the "PORT (COM & LPT) " item

7.- Check that the COM port must be set between 1 and 9. In case it isn't, access to it's advance propierties and change the COM port value to a number between 1 and 9.

- 8.- Download and decompress the KD_Diagnostic_Tool. rar and KD_Map_Loader.rar
- 9.- Install the decompressed software
- 10.- On the KD_diagnostic_tool and on the KD_Map_loader you must set the transfer setting to "AUTO"
- 11,- Only one program can be used at a time. Changing the USB port will require a transfer port setting readjustment

CONNECTING THE BIKE TO THE COMPUTER

On bikes ranging from 2011 to 2013 the diagnostic plug is a 4 pin connector, and 2014 bikes have a 6 pin connector. Both 4 and 6 connectors are located on the right side of the bike, just over the kickstart pedal. On 11 and 12 model, it is under the upper plastic cover. On 2011-2013 bikes, the power supply to the bike must be done through the capacitor plug located on the front of the bike. After the work has been done, it is necessary to plug the capacitor again, otherwise the bike can have severe damage for overheating. On 2014 bikes, it is already supplied on the 6 pin connector.

TRANSFORMING THE ADAPTOR FROM 4 PIN TO 6 PIN

The diagnostic cable comes standard with the 4 pin connector, a spare 6 pin connector, and a power supply. In order to use the 6 pin adapter, you must take out the pins of the four pin connector lifting the plastic tab from the front face of the connector, to release the pin. You must do the same with the power sullpy connector. The diagram looking at the connector from behind is the following



rear view of the connector

LOADING A MAP

- 1.- Execute the application "KwrtiteDataPc"
- 2.- Browse to get the desired KDA file
- 3.- Select the "COM PORT SETTING" to auto
- 4.- Execute the "Start download" command
- 5.- After the downloading process has been finished, reset the ECU by unplugging the power supply to the ECU for some seconds. If the process has been done effectively, the fuel pump can be heard.

The complete manual of the application can be found on the KWriteDataPc folder

DIAGNOSIS SOFTWARE

The complete manual of this tool, can be found on the K-scan folder.

Note: Windows 8 users will need the mesa.dll library in order to get access to all performance of the software. It can be downloaded on the virtual hard disk drive

WARRANTY:

The system has a limited warranty of 6 months after the license activating. It covers any defective process on circuitry building and integrity, but won't cover any damage produced by moisture, shock, ripping, or crushing. Always remove the connectors pulling from the plastic, not from the cables.

This software is for race use only, and in any case will meet the pollution requirements on any country. Use it at your own responsability.