



## INSTRUCTION MANUAL INSTALLING THE E85 ETHANOL CONVERTER IN YOUR CAR

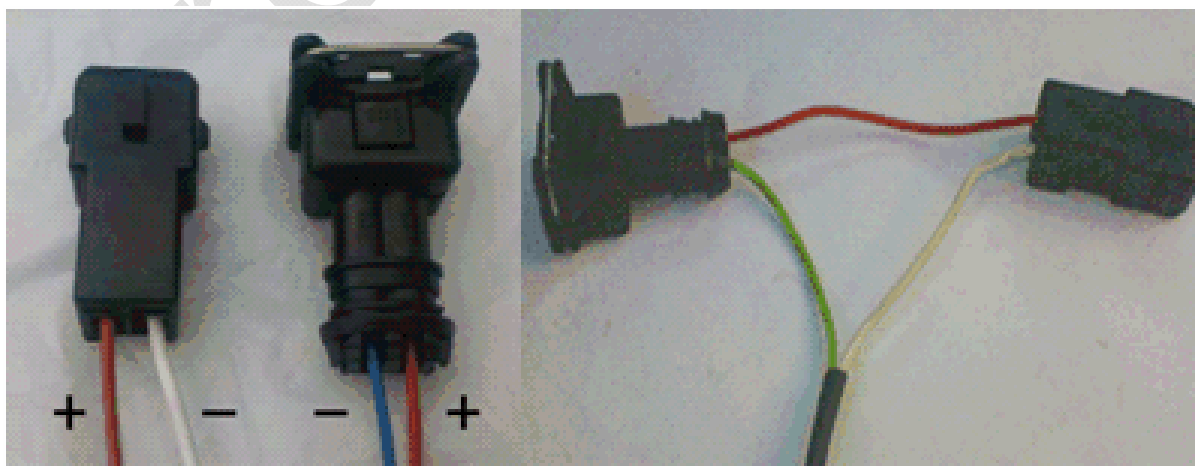
### 1. CHECK POLARITY

- locate injectors
- disconnect injectors
- put on ignition
- check polarity
- if there is not +12 Volts, then it is possible to determine by the cables' colour code (+12 Volt has usually same colour) or start engine and measure voltage at the connector



### 2. ASSEMBLY CONNECTORS

- the green or blue cable goes towards the injector
- the white cable goes towards the ECU
- the injector's + 12 Volt has to comply with the ethanol kit's red cable





### 3. CONNECT CONNECTORS TO INJECTOR

- connect the injector and the original connector to the ethanol kit, the order is not important
- secure thermal sensor wire to heating tube
- secure ground wire
- connect red power supply cable to ignition positive (for example fuse)



## ADJUST SETTINGS WITH THE SOFTWARE

### 1. EXTRACT THE FOLLOWING FILES:

- Open a new folder "for example ethanol" on your hard disk
- Extract the following file: Ethanol injector impulse modulator v2.3.zip
- Save the necessary driver in your new folder: serialcdc.inf

### 2. LINK COMPUTER TO THE ETHANOL CONVERTER

- Connect the usb cable to the computer
- While installing the driver, select driver from your new folder
- Put on ignition (very important!!)
- Start ethanol program and if necessary change language
- Select usb com port in the lower left corner at "communication ports"

### 3. ADJUST SETTINGS

- Coldstart 1. Phase: adjust fuel mixture and time for starting
- Coldstart 2. Phase: adjust fuel mixture, switching off temperature or time for warm up
- Base signal setting: adjust fuel mixture for normal running mode
- Base signal setting depending on rpm: set higher fuel mixture to assure no lean mixture at high rpm