OBDII - µFIX EMULATOR - Code AEB426. The OBDII - µFIX emulator has been developed for CHRYSLER, HYUNDAI, VOLVO, NISSAN, HONDA, BMW, SKODA, ROVER, CITROEN, RENAULT, FIAT, OPEL cars equipped with OBDII or EOBD diagnosis system.

To install the emulator on different cars from the ones mentioned above, please contact A.E.B. Technical Service.

AEB426 must be installed on the oxygen sensor(s) before the catalyst, that is to say the one(s) nearest to the engine. On cars having separated exhaust manifolds with 2 oxygen sensors before the catalysts, it is important to identify the oxygen sensor of main bearings 1 (**corresponding to cylinder No. 1**) and the oxygen sensor of main bearings 2; we therefore recommend to carefully follow the assembly instructions supplied with the product, because a wrong wiring connection can cause malfunctions to emulator and car. AEB426 is connected to the wire of the oxygen sensor signal and to the car diagnosis plug; it communicates with the gasoline injection central unit and, according to the data it receives, it generates a oxygen sensor signal that it sends back to the gasoline injection central unit, thus preventing it from changing the carburation parameters and from switching on the engine failure warning light. With the OBDII - µFIX emulator, the car diagnosis system remains active; as a consequence, if during the GAS running the carburation is incorrect, **the oxygen sensor after the catalyst senses an error**, thus causing the switching - on of the "engine failure" warning light. In this case, it will be necessary to revise the car gas carburation. If a diagnosis of the car gasoline injection system is necessary, it must be set on GASOLINE. AEB426 shows three LEDs that indicate its correct running as explained below:

Red LED and Yellow LED
- **ON** - At the same time: Communication problems (check the wiring).
- **OFF** - OK.

Green LED
- **ON** - Connection OK.
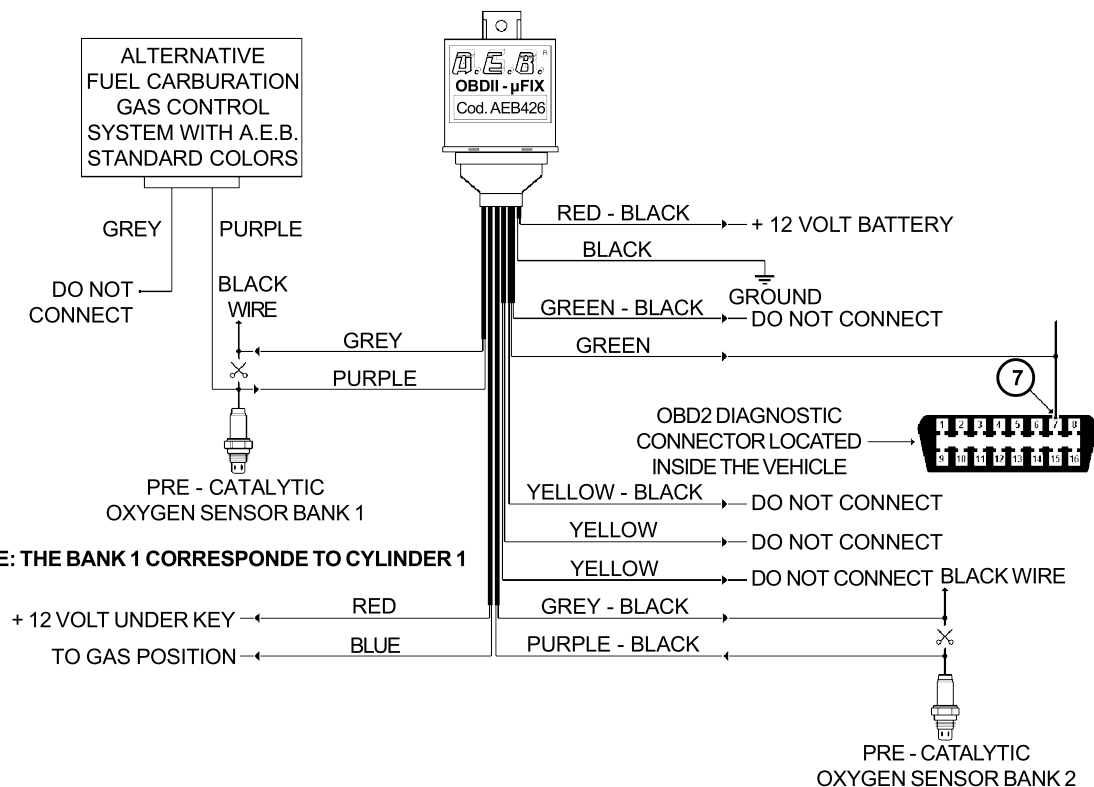- **OFF** - No communication.

Yellow LED
- **ON** - GASOLINE operation; the led remains always ON.
- **OFF** - OK, GAS operation.

- **NOTE** - if during the GAS operation the YELLOW LED remains ON, this means that there are communication problems, therefore it is necessary to check the wiring or the installed device is not compatible.

Example of installation of the emulator Code AEB426:

AEB426 switches on during the gas running and switches off during the gasoline running, thus automatically resetting the connections to the car original electrical system; this applies also in case of failure, thus allowing the user to drive the car with gasoline and reach a service point for checking.