ADAPTER FOR OXYGEN SENSOR - Code AEB351. This device is used on cars equipped with 5 V oxygen sensor that do not need a straight or reversed 5 V oxygen sensor emulator (351/2 and 351/3). The adapter for 5 V oxygen sensor transforms the signal of lambda probes with 0 ÷ 5 V signal into a 0 ÷ 0,8 V signal which is typical of normal probes, thus allowing a correct operation of all the lambda controlled systems (that we will see afterwards). It can be used for oxygen sensors both with straight 0 ÷ 5 V or reversed 5 ÷ 0 V signal. If the orange wire is connected to the ground, it identifies the 0 ÷ 5 V straight oxygen sensors, while if it is not connected it identifies the 5 ÷ 0 V reversed oxygen sensors.

AEB351 shows a LED inside the box that indicates its operation:

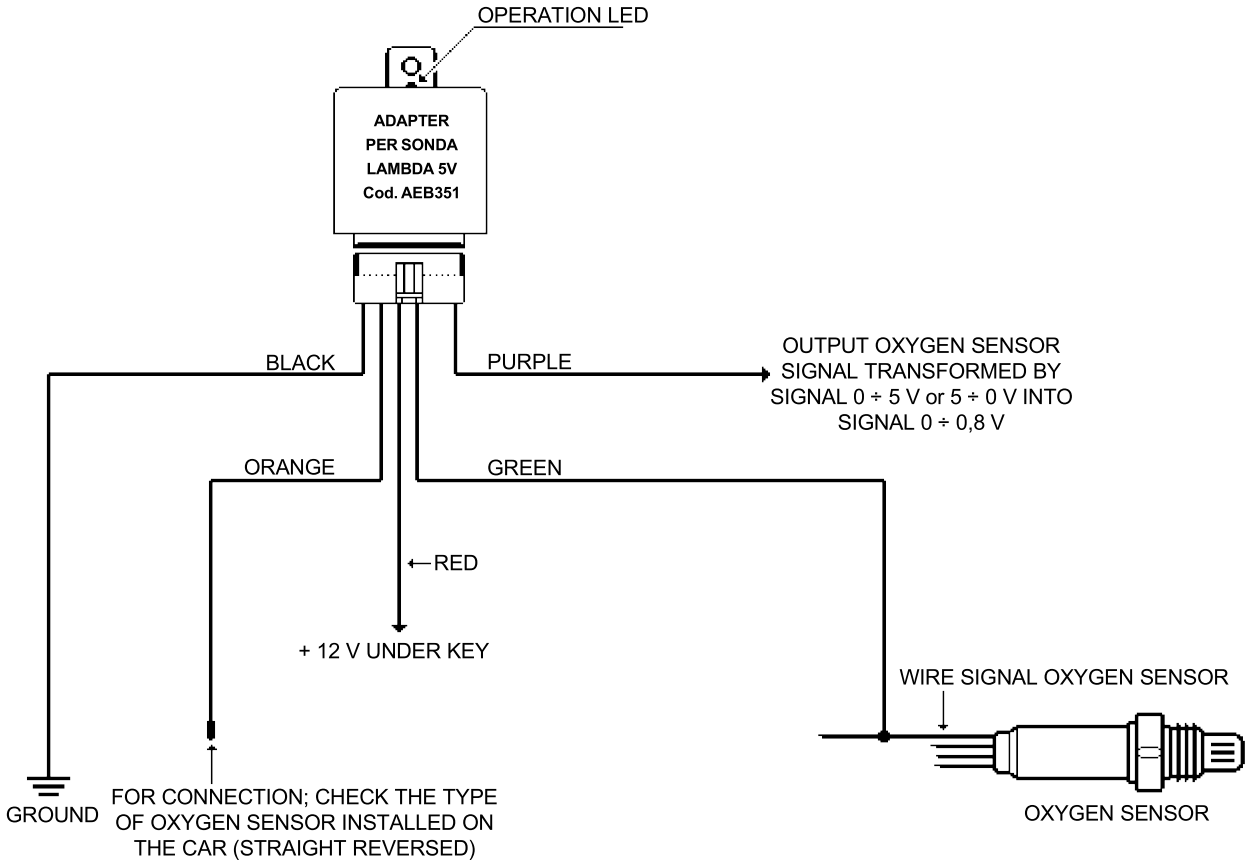
a) LED ON = running device
b) LED OFF = device not running

For the moment, it is used on the following cars:

Cars with straight 5 V sonde:
BMW 320i 24v catalysed, Siemens injection.
BMW 520i 24v catalysed, Siemens injection.
Cars with reversed 5 V sonde:
BMW 320i 24v catalysed, Siemens injection, model 1995 with 2 oxygen sensor.

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

Example of installation of the emulator Code AEB351:



AEB351 only draws and does not interrupt the wire of the signal on which it works; in this way, during the gasoline the emulator has not influence on the car original system; this applies also in case of failure to the GAS system, thus allowing the user to drive the car with gasoline and reach a service point for checking.