

General Warnings



Install vertically and where it cannot possibly come into contact with water.



Install away from excessive sources of heat (i.e. exhaust manifolds)



Install away from ignition coil and feed the harness well away from high voltage cables.



Complete efficient electrical connections without winding the wires around each other. **Remember that the best way to connect wires is to solder and duly insulate them.**



Never open the emulator box for any reason whatsoever, especially while the engine is running or the ignition key is turned. **A.E.B. declines all forms of liability with regard to personal injuries and material damages deriving from tampering with the device on behalf of unauthorised personnel.**

Operating principle

On new generation vehicles, which are normally equipped with trip computer, the PETROL indicator is not up-dated as in the previous systems that just considered the indication given by the float inside the tank, but it is now the actual computer that calculates the consumption and commands the indicator on the dashboard, consequently reducing the fuel level based on the kilometers driven and on the driving conditions.

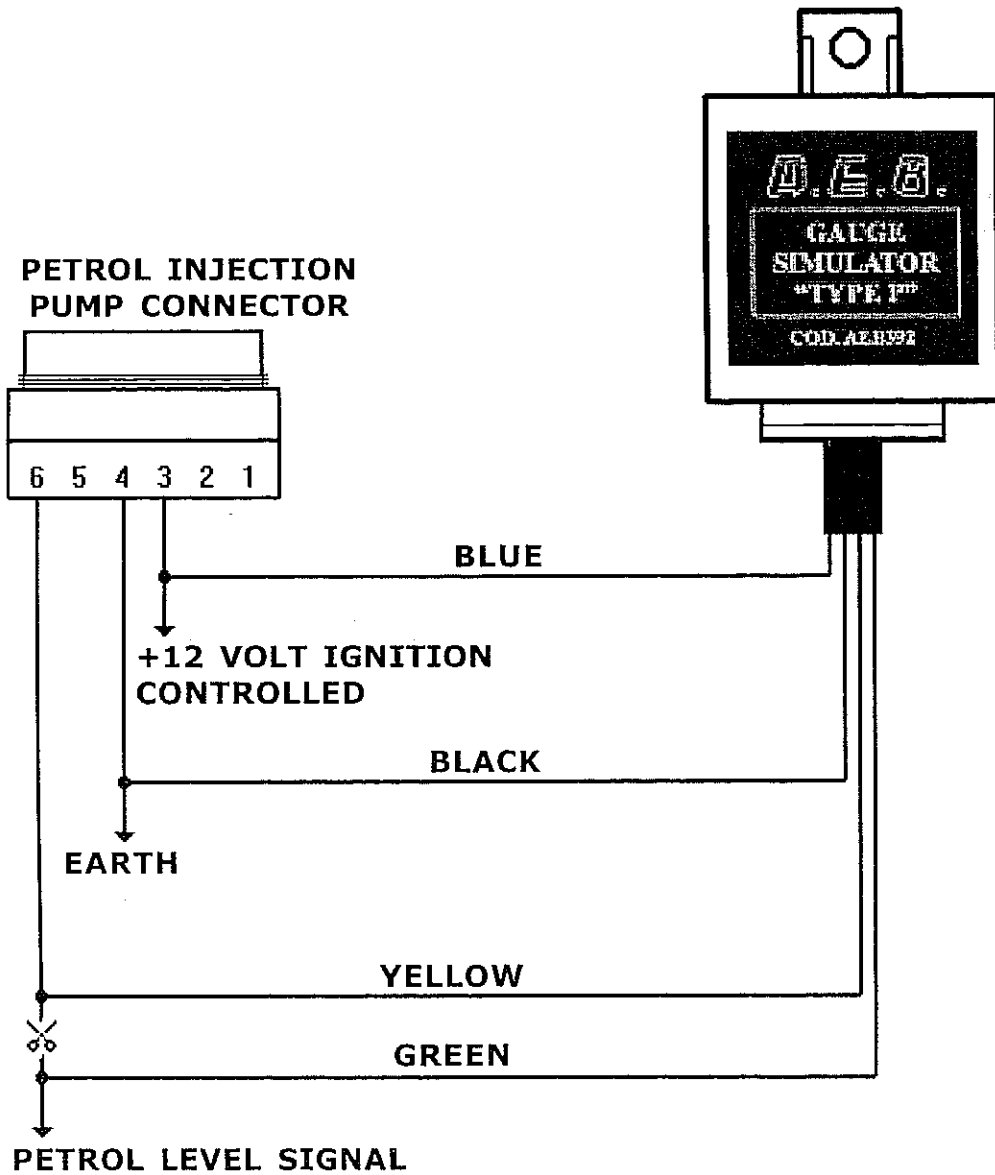
When the vehicle runs on GAS, even if the amount of petrol in the tank does not drop, the trip computer still reduces the PETROL level and it is impossible to read the correct level in the tank. The tank level indicator is up-dated and corrected only after topping-up with fuel.

By installing the AEB392 emulator, when the vehicle runs on GAS, the trip computer reduces the petrol level in the tank, but the emulator restores the correct PETROL level each time the vehicle is started.

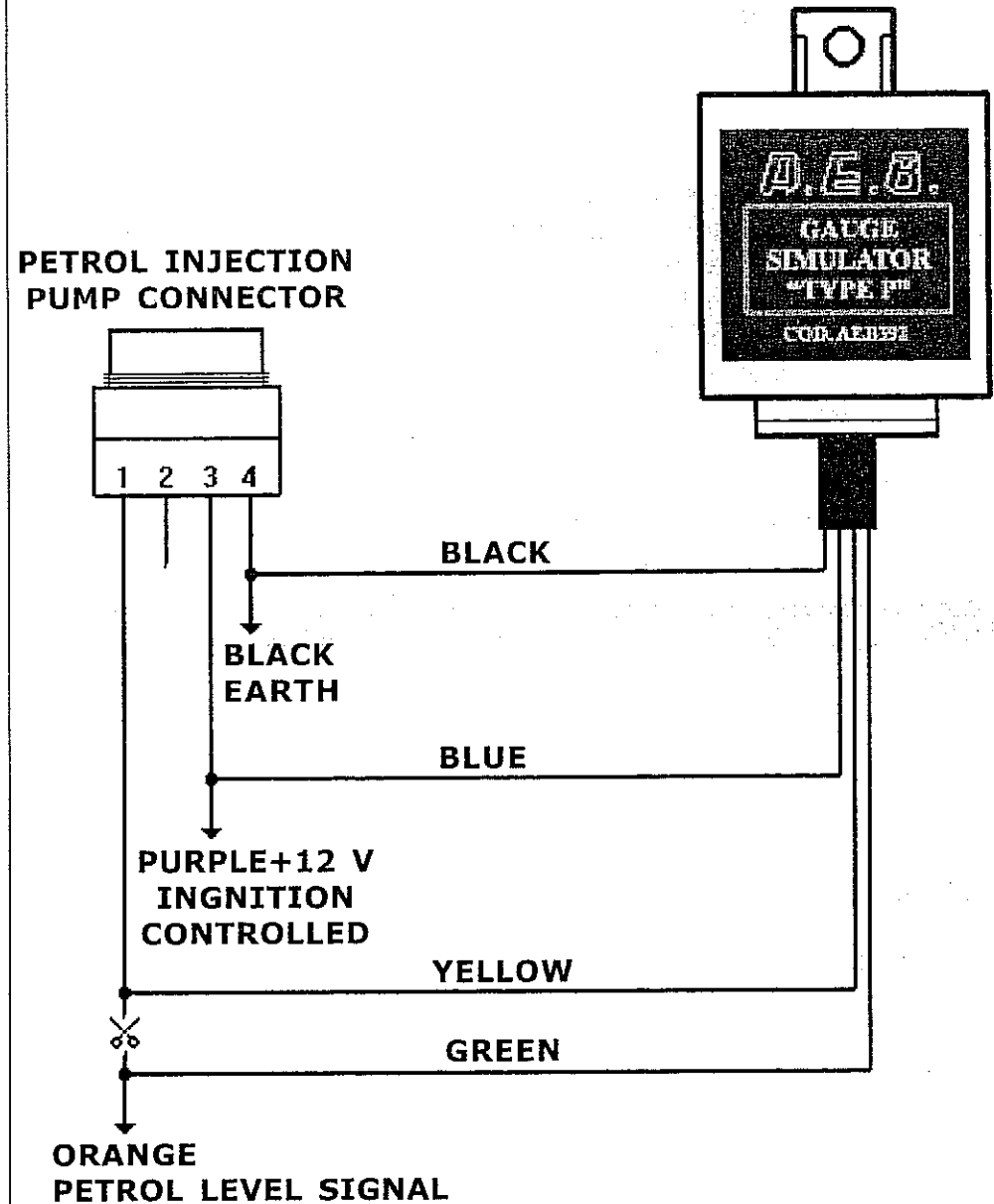
Vehicles on which the emulator can be installed

- CITROËN C3 - **Diagram 1**
- CITROËN Xsara Picasso as of 2002 - **diagram 1**
- PEUGEOT 206 as of 2002 - **diagram 1**
- PEUGEOT 307 - **diagram 1**
- PEUGEOT 406 as of 2002 - **diagram 1**
- RENAULT Espace as of 2003 - **diagram 2**

Installation diagram 1



Installation diagram 2



Connection method

We have been unable to test the emulator on some vehicles and we are therefore unable to provide the assembly diagrams; however these vehicles can still fit the emulator type AEB392.

On these vehicles, you need to identify the level float wire that normally has a connector with 4 wires of different cross section:

- 2 of larger diameter that represent the power supply and the earth of the petrol pump respectively;
- 2 of smaller diameter that represent the signal and the earth of the level float respectively.

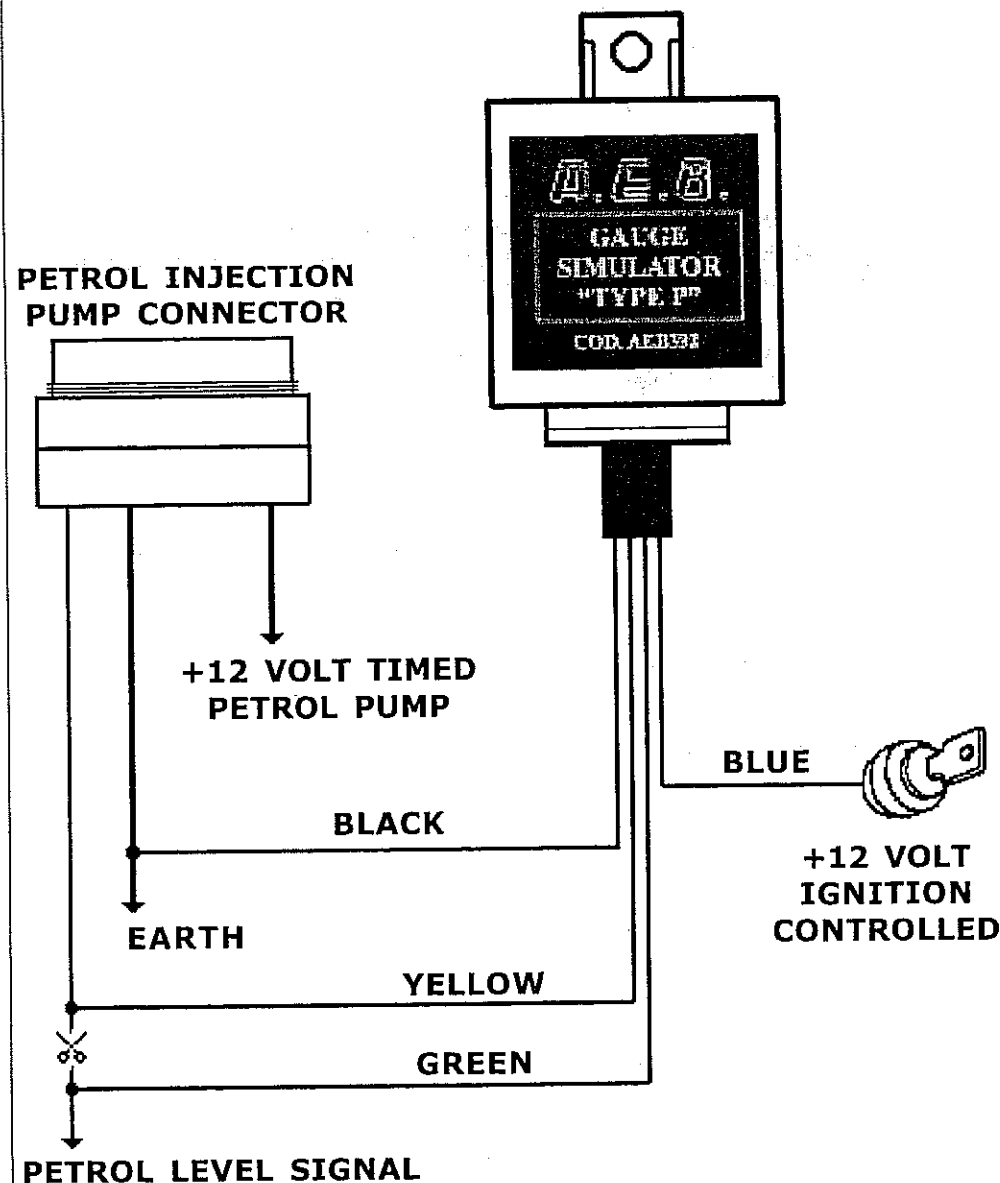
To identify the signal wire among the 2 wires of smaller diameter, simply start the vehicle engine and measure the voltage using a multimeter. The wire with voltage that varies based on the amount of petrol in the tank is to be disconnected.

If more than one wire of smaller diameter is electrically powered, you are recommended to measure the voltage, then top-up with fuel and check on which wire the voltage has varied.

Vehicles applicable to installation diagram 3

- CITROËN: C2- C3 - Xsara Picasso
- PEUGEOT: 206 - 307
- RENAULT: All models, barring Twingo
- MERCEDES: ML year of registration 2004
- LEXUS: IS200 - RX300
- OPEL: Astra year of registration 2002-2003 - Vectra year of registration 2002-2003

Installation diagram 3



Warranty Certificate

Dear Customer,

Thank you for your trust shown in **A.E.B.** in buying this product.

A.E.B. submits all its products to stringent quality tests. If, despite these controls, the product should not function properly, we advise you to immediately contact the installer to carry out checks or repairs as necessary.

- General warranty regulations

A.E.B. guarantees the proper functioning of this product and its absence of manufacturing faults and defects. If, during the warranty period, the product turns out to be defective, **A.E.B.** will take responsibility for the repair or replacement as appropriate, assigning the work preferably to the original installer, or otherwise to whoever is designated by mutual agreement. The replacement of defective parts shall take effect ex-**A.E.B.**'s factory and with shipping costs borne by the addressee. For accessories or components not manufactured by **A.E.B.**, only the warranties recognised by the third party producers will be valid.

This warranty is the only one given by **A.E.B.**, every other form of warranty therefore being excluded. Unless in the event of malice or serious negligence, **A.E.B.** will not be liable for damages to people or to things in any way deriving from the malfunctioning of the product. This warranty only applies to customers up-to-date with their payments.

- Conditions

The warranty will be recognised for a period of **24 months from the date printed on the product with indelible paint.** The warranty will only be valid if, upon its purchase, the product is in good condition and complete in its packing and packaging provided by **A.E.B.**, which are the only methods of packaging that ensure the products' origin and suitable protection.

- Exclusions from the warranty

This warranty does not cover:

- a) Periodic checks, maintenance, repairs or the replacement of pieces due to normal wear and tear.
- b) Malfunctioning due to negligence, poor installation, improper use, or use not conforming with the technical instructions given and in general any malfunctioning not referable to manufacturing faults or defects in the product and therefore **A.E.B.**'s responsibility.
- c) Products modified, repaired, replaced, assembled and in any case tampered with, by anyone, without **A.E.B.**'s prior written approval.
- d) Accidents, originating from causes of force majeure or other causes (e.g. water, fire, lightning, bad ventilation) not of **A.E.B.**'s own volition.

The resale or installation of products with manufacturing faults or defects detectable with normal due diligence is forbidden.

The competent Court of law for any dispute relating to the construction or execution of this warranty shall be exclusively the Court of Reggio Emilia.

Recommandations générales



Installer en position verticale à bonne distance des éventuelles infiltrations d'eau.



Ne pas installer à proximité de sources de chaleur excessives (ex. collecteurs d'échappement).



Ne pas installer à proximité de la bobine d'allumage et veiller à ce que les câblages ne passent pas à proximité de câbles à haute tension.



Veiller à réaliser correctement les branchements sans recourir à des épissures. **Le meilleur branchement est obtenu par l'intermédiaire d'une soudure parfaitement isolée.**



N'ouvrir en aucun cas le boîtier de l'émulateur, en particulier quand le moteur est en marche ou après avoir mis le contact.

A.E.B. décline toute responsabilité en cas de dommages physiques ou matériels causés par une intervention non prévue sur le dispositif.