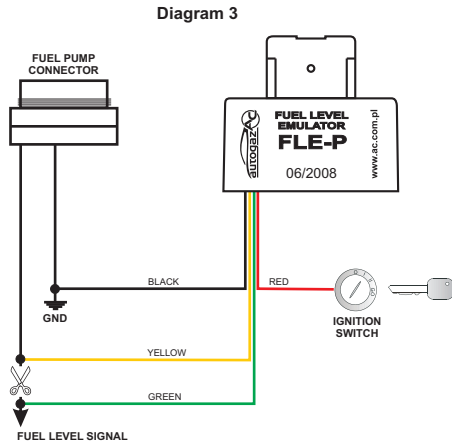


# Fuel Level Emulator FLE-P

## Installation Manual



As far as the cars not included in the manual are concerned, in the case of which it is necessary to correct the fuel level reading, the emulator may be installed in the following manner:

1. Identify the "fuel level signal" wire.  
The wires which connecting the tank with the on-board computer is usually composed of 4 wires:
  - 2 thick wires – supply the fuel pump
  - 2 thin wires – GND and the signal of the fuel level measurement circuit.
 Use a multimeter to measure the voltage at each of the 2 thin wires (in contrast to the car GND). The wire whose voltage changes along with the change in the fuel level is the wire which is looking for.
2. Cut the "fuel level signal" wire and connect it according to the diagram 3.
3. Connect the power supply (red wire) to the circuit supplied from the ignition switch.



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### Fuel Level Emulator FLE-P Installation Manual

**Technical Data:**  
 Supply voltage: 12V ± 25%  
 Working temperature: -40°C + 70°C  
 Protection class: IP66

#### Application:

FLE-P has been designed for cars in the case of which there is a problem with "disappearing" gasoline while running on gas. The device is compatible particularly with the following cars:

CITROËN :	C3 (diagram 1 or diagram 3) Xsara Picasso (diagram 1) from 2002 on C2 (schemat 3) Xsara Picasso (diagram 3)
PEUGEOT :	206 (diagram 1 or diagram 3) 307 (diagram 1 or diagram 3) 406 (diagram 1)
RENAULT	Espace (diagram 2) from 2003 on
MERCEDES:	ML manufactured in 2004 (diagram 3)
LEXUS:	IS200 (diagram 3) RX300 (diagram 3)
RENAULT	all models except for Twingo (diagram 3)
OPEL	Astra (diagram 3) manufactured in 2002 and 2003 Vectra (diagram 3) manufactured in 2002 and 2003

#### Operation Principle

In modern cars, equipped with an on-board computer, fuel level reading is not based exclusively on the position of the float in the tank. Actual fuel level reading indicated on the dashboard is calculated based on the distance covered and driving conditions. While the engine is running on gas the on-board computer indicates decreasing fuel level and thus misleads the driver - it suggests the fuel level is decreasing and prevents accurate fuel level reading. FLE-P solves the problem – it restores accurate fuel level reading at each start of the engine.

### Wiring Diagram and Installation Manual

