

## TORPEDO

### PROGRAMMABLE FUEL PRESSURE EMULATOR v2.0

Programmable fuel pressure emulator  
used to emulate the gasoline pressure signal in  
vehicles powered by LPG / CNG.



## PURPOSE

Fuel pressure emulator PFPE TORPEDO v2.0 is designed for vehicles which report DTC faults related to the absence of receiving petrol from the fuel rail while driving. When the engine is powered by gas, the lack of gasoline from the fuel rail results in the growth of petrol pressure above the nominal value. In consequence, the petrol driver shortens injection times and / or reports an error.

Emulator PFPE TORPEDO v2.0 with the use of RPM maps is able to set the same pressure value when running on gas and petrol. It eliminates possible errors from increased fuel pressure while running on LPG. Additionally, we can set the variation of the pressure in such a way that the fuel controller is not able to distinguish the signal emulation fuel pressure from the real signal.

## EMULATOR'S APPLICATION IS REQUIRED ESPECIALLY IN CARS:

VOLVO S40 2.5T model do 2005	Opel Antara 2.4 2006-2010
VOLVO S40 2.5T model 2006-2011	Opel Insignia 2.8T 2009-2013
VOLVO S60,S60R 2.5T model 2004-2009	Chevrolet Captiva 2.4 2006-2010
VOLVO S80 2.5T model 2004-2006	GMC Hummer H2 6.2
VOLVO S80 2.5T model 2007-2011	Cadillac Escalade 6.2
VOLVO XC60 3.0 model 2013-2015	JAGUAR XF 4.2 V8
VOLVO XC70 2.5T model 2004-2007	JAGUAR XF 3.0 V6
VOLVO XC70 2.5T model 2007-2011	Mercedes E 300 AMG
VOLVO XC90 2.5T model 2004-2011	Ford Kuga
VOLVO XC90 3.2 model 2007-2011	Ford Maverick
VOLVO XC90 4.4 model 2007-2011	Ford Escape
Opel Astra 1.4 T 2009-2014	Ford Explorer
Opel Astra 1.6 2009	Ford F150

As well as in other vehicles in which the errors connected with fuel pressure appear.

Fuel pressure emulator PFPE TORPEDO v2.0 is calibrated directly from the application OPTIMA 2.07 or updated later. Any kind of interface compatible with OPTIMA drivers could be used to connect with the emulator (for example ALEX OPTO interface).