

OUR MISSION





About us

EuropeGAS engineers characterize with long-term experience and broad professional knowledge. Those people are the foundation of the company. For extra demanding testing purposes we established fully equipped modern laboratory, and car service with a car chassis dyno. It allows to carry out the assembly and the testing for LPG/CNG converted vehicles.

Leading manufacturer of 0km LPG/CNG kits

Since 2005, we have been designing, manufacturing, and delivering reliable automotive gas systems to Polish and international clients. Our main branch is located in Białystok, along with our production plant and research and development laboratory. We design LPG/CNG systems for both gasoline and diesel engines, which include electronic gas injection controllers, reducers, injectors, filters, gas pressure sensors, and other essential installation components.

We have over 70 representatives of our brand worldwide. We can openly speak of the success resulting from our cooperation with our international and Polish clients, for whom we manufacture and deliver approximately 100,000 LPG/CNG autogas system components annually.

Industry experience

EuropeGAS is a company with many years of experience. Thanks to advanced software, modern components, and innovative solutions, our products are installed in cars around the world. We are proud of our contribution to the development of safe, efficient, and environmentally friendly gas installations that meet the highest European quality standards. The design of our products, their software, and the additional equipment included in the kits allow for a higher level of LPG/CNG installation.

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DEDICATED LPG CONVERSION SETS

With the growing popularity of cars with direct petrol injection engines, the Research and Development Department of **EuropeGAS** intensified work on developing an advanced controller for this type of vehicles. The next step was to create **dedicated**, **complete LPG/CNG installations** from scratch, ideally adapted to the requirements of the latest models equipped with direct fuel injection technology.

The controller software and the selection of installation components have been configured in such a way as to provide the highest driving comfort on both petrol and gas, while guaranteeing trouble-free operation of the car throughout the warranty period for the vehicle and the gas installation. The **EG INJECTO** controller protects valve seats and petrol injectors located in the combustion chambers by intelligently injecting small amounts of petrol every few engine cycles. In dedicated **EuropeGAS** installations, special mounting brackets, hermetic electrical harnesses and specially profiled water and gas lines are used, which allows for limiting interference in the vehicle's construction to an absolute minimum.

Since its establishment, **EuropeGAS** has consistently focused on development, innovation and high quality of its products. Its own research and development department, which brings together experienced engineers and true enthusiasts, creates modern components for LPG and CNG systems that meet the most stringent market requirements. Continuous improvement of technology has allowed **EuropeGAS** to become one of the leaders in the development of dedicated gas installations for vehicles of leading Asian brands. Developing international cooperation, the company actively cooperates with manufacturers such as **KGM**, **BAIC** and **Forthing**, offering solutions that successfully integrate with the latest car models and meet global quality standards.

KGM

KGM (formerly SsangYong) is the oldest car manufacturer in South Korea, which since 1954 has specialised in creating durable SUVs and pickups, appreciated by customers around the world. Currently, the brand offers a wide range of SUVs, combining modern technologies, comfort and high off-road properties. **EuropeGAS** has developed dedicated LPG and CNG installations for four models: Tivoli, Korando, Torres and Actyon. Thanks to the perfect match to the characteristics of KGM drive units, our installations ensure high efficiency, economical operation and full integration with vehicle electronic systems.



BAIC

BAIC Group is one of the largest Chinese automotive concerns, playing a significant role on the global market and cooperating with such giants as Mercedes-Benz, which confirms its pursuit of global presence and high quality standards.

EuropeGAS began cooperation with BAIC, developing LPG installations for modern BAIC 3, BAIC BAIC 7 models. cated 5 and solutions support the dynamic development of the BAIC brand, ofeconomical reliable alternative traditiofering an and to comfort. petrol drives, without compromising on performance and

FORTHING

Forthing, a brand belonging to the Dongfeng Motor Corporation, is dynamically conquering international markets, offering modern SUVs and MPVs with a high standard of workmanship and innovative design. In 2025, **EuropeGAS** developed dedicated LPG installations for the U-Tour and T5 EVO (T-Five) models, adapted to the specifics of these advanced structures. Our solutions guarantee comfortable, economical and reliable operation, combining the latest technologies with attention to operating costs.

The installation of the system in vehicles is carried out in accordance with the instructions developed by the Technical Department of EuropeGAS and approved by KGM Auto Polska Sp. z o.o., BAIC Auto Polska Sp. z o.o. and Forthing Polska Sp. z o.o.

What we offer?

- A complete set of LPG system components tailored to specific vehicle models and engine types:
- KGM: Tivoli (G15GDI and G12DTF), Korando (G15GDI), Torres (G15GDI), Actyon (G15GDI)
- BAIC: BAIC 3 (A151R2), BAIC 5 (A156T2H), BAIC 7 (A156T2H)
- FORTHING: U-Tour (4A95TD), T-Five (4A95TD)
- Detailed installation instructions showing step-by-step how to install each element of the EuropeGAS system.
- A central unit with dedicated software optimized for emissions and performance.
- Display on the Android Auto screen showing current usage of gasoline and LPG while driving on gas.
- 5-year or 100,000 km mileage guarantee for the entire EuropeGAS gas installation, whichever comes first
- Mobile technical and sales consultants throughout Poland.

CONVERSION SET



- A 5-year or 100,000 km warranty on the entire EuropeGAS system, whichever comes first.
- Mobile technical and commercial support throughout Poland.
- A discreetly placed filling valve under the fuel cap.
- Aluminium case with Automotive Molex connector which meets the 1P65 norms.
 Built-in ventilation valve prevents from water condensation inside the controller.
- Dedicated mounting brackets for reducer, filter, controller and injection rail allow to install it using the fabric screws and holders.
- Dedicated Plug&Play electric harness. All connectors are ended with plugs, and soldered connections are limited to a minimum. Only the RPM, and ignition wire have to be soldered obligatory.
- Dedicated OBD adapter simplifies the connection of the LPG installation with the vehicle OBD socket without soldering.
- Profiled coolant EPDM hoses in Korando and Tivoli prevent from interfering in vehicle's factory installation.
- Remote technical support available via Internet directly through the diagnostic software.
- Gasoline/Gas switch with full fuel level indicator which perfectly its in with car interior and allows to change the light colour.

DEDICATED LPG CONVERSION SETS

KGM TIVOLI

ENGINE1.2 T-GDI 128 HP, 1.5 T-GDI 163 HP -

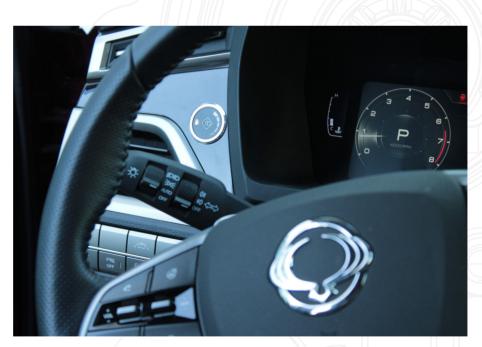




KGM KORANDO

ENGINE 1.5 T-GDI 163 HP —







DEDICATED LPG CONVERSION SETS

KGM TORRES

ENGINE 1.5 T-GDI 163 HP -





KGM ACTYON

ENGINE 1.5 T-GDI 163 HP -







BAIC 3

ENGINE 1.5 T 136 HP







DEDICATED LPG CONVERSION SETS

BAIC 5

ENIGNE 1.5 T 177 HP





BAIC 7

ENIGNE 1.5 T 177 HP -







DEDICATED LPG CONVERSION SETS

FORTHING U-TOUR

ENIGNE 4A95TD, 177 HP





FORTHING T-FIVE

ENIGNE 4A95TD, 177 HP





EG SPINNER

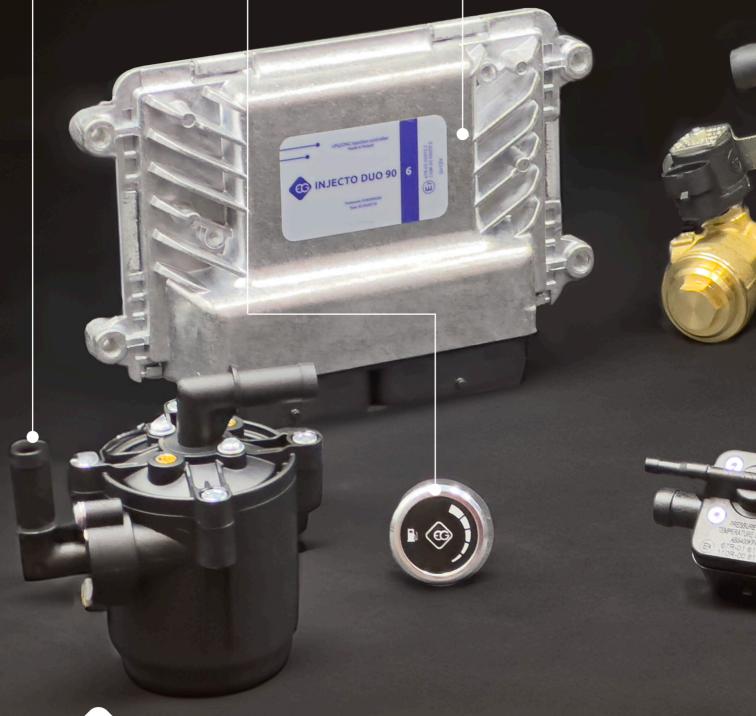
EG SPINNER is an innovative vapor phase filter featuring a universal replaceable filter cartridge. The DSF - Double Spin Force system provides even greater effectiveness in separating oily fractions. The rotating ports allow the filter to be mounted in any position within the engine compartment.

EG SWITCH RGB

The fuel type switch located in the vehicle cabin allows for changing the type of fuel. It also offers the option to programmatically change the color of the LED indicators that show the estimated gas level in the tank.

EG INJECTO 90.6 DUO

EG INJECTO 90.6 DUO is a sequential gas injection system designed for vehicles with 6-cylinder engines featuring a dual fuel injection system, meaning it has both multipoint (MPI) and direct (DI) gasoline injection.







COMPLETE EUROPEGAS KIT

DRIVERS

INDIRECT GASOLINE INJECTION









EUROPEGAS CONTROLLERS	EG BASICO	EG BASICO	EG AVANCE	EG SUPERIOR 48.4
COMPARISON	24.4	32.6	32.4/48.4/48.6/48.8	STD/3D
External dimensions (mm)	110x91x32	120x99x36	120x99x36 / 124x150x38	124x150x38
Connector (PIN)	24	32	32 / 48	48
Housing	Composite	Composite	Composite /Aluminium	Aluminium
Number of cylinders supported	4	6	4/6/8	4
Number of lambda sensors possible to connect	o	2	1/2	2
Extra gasoline injection under engine load	/		V	
Communication with vehicle's OBD by connecting the harness wires of the gas Controller				
Communication with vehicle's OBD using the ELM327 external OBD interface	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		V	
Automatic rapid adaptation of the multiplier during driving (built-in injector characteristics)	✓		/	
Built-in Timing Advance Processor (1 induc- tive signal with 2 digital signal or 3 digital signals at the same time)	-			
Adjustment of RGB switch's backlight colours and the tone of the buzzer	✓		✓	✓ —
Automated advancing of gas injection sequence order	\checkmark	1	1	
Automated system calibration by pressing and holding the switch button	√			1
Automated calibration of gas level LED indication by pressing and holding the switch button	/	\checkmark	/	/
Preview and change of the settings protected by password	/		/	✓ /











EUROPE	GAS LLERS COMPARISON	EG BASICO 24.4	EG BASICO 32.6	EG AVANCE 32.4/48.4/48.6/48.8	EG SUPERIOR 48.4 STD/3D
No nee	d to connect an RPM wire			/	/
Built-in	remote assistance assistant	1	√	V	√
No nee	d to connect the "ignition" wire		\searrow	-	-
Heating to gas	g of gas injectors before switching	✓	\checkmark	\checkmark	√
Valvetr	onic System Support	-	-	\checkmark	✓
Start&S	top System Support	-	-	✓	\checkmark
High pr injectio	ecision oscilloscope for petrol and gas n signals	-	-	✓	✓
Possibil period	ity to block gas ECU after a certain of time	-	-	\checkmark	√
Control	of the temporary fuel pump wn	-	-	\checkmark	✓
Program	nmable change of the injectors order	√	\checkmark	\checkmark	√
	ng gasoline pressure value through njectors	√	√	✓	✓
Testing	of system key elements	√	\checkmark	✓	✓
Automa	ated forced start on gas	√	✓	✓	√
Overlap	oping of fuel cycles during switchover	√	\checkmark	✓	\checkmark
Assista	nt of proper nozzles size selection	✓	\checkmark	\checkmark	✓
Suppor	t of "Cold VAG" function	-	-	/ *	-
Manual emulat	testing of gasoline petrol injector ors	✓	\checkmark	√	✓
Freeze errors	frames function for gas controller	✓	✓	✓	√
Automa	ated OBD error clearing	-	-	✓	✓
Engine functio	load test during the drive (road dyno n, measuring power and torque)	-	-	✓	\checkmark

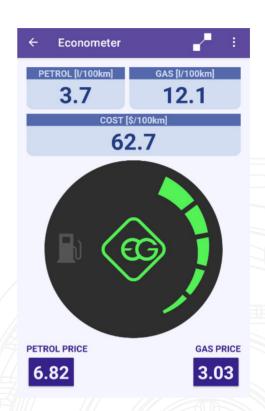
 $[\]star$ Applies to the EG AVANCE 48.4 Dual Jet controller



The EG INJECTO LERTA app allows for monitoring fuel consumption in vehicles equipped with the EG Injecto LPG/CNG EG INJECTO system. Consumption data is displayed on Android smartphones via screen mirroring from your smartphone to the vehicle screen.

For the app to function correctly, it requires the EG CONECTO interface, version V3 or higher. This interface enables seamless connection between the gas system and the EG INJECTO Lerta software installed on an Android smartphone. Through this integration, users can continuously monitor gas consumption and optimize their driving style, contributing to savings and environmentally friendly vehicle use.

The fully integrated EG INJECTO platform not only provides access to real-time fuel consumption data but also allows users to view current gas system parameters and read OBD vehicle parameters, without the need for additional diagnostic devices.





SPECIFICATION

- Displaying fuel consumption in liters per 100 km or cubic meters per 100 km.
- Calculation of fuel consumption and costs for the traveled route.
- Conversion of fuel consumption costs to the user's currency amount.
- Displaying key parameters of the EG INJECTO gas system and main OBD vehicle parameters.
- Capability to read and clear OBD errors of the gasoline controller.



EG INJECTO 48 is a sequential LPG/CNG gas injection controller designed for vehicles with direct gasoline injection.

The innovative auto-calibration and mapping algorithm allows for quick and easy system adaptation to a wide range of vehicles

The built-in oscilloscope enables rapid identification of input signals and verification of connection accuracy.

The aluminum housing ensures durability and resistance to extreme weather conditions.

Combined with a 48-pin Molex automotive connector and a ventilation valve that prevents water vapor condensation inside the controller, it guarantees both sealing and reliable performance.



SPECIFICATION

- Aluminum, hermetically sealed IP65 housing.
- 48-pin Molex automotive connector.
- Built-in ventilation valve.
- Operating temperature: -40 ... +120°C.
- Support for vehicles with 3 to 8 cylinders (6- and 8-cylinder vehicles require the use of two controllers).
- Built-in high fuel pressure (HPS) and low fuel pressure (LPS) emulators.
- Automated, simplified system tuning using OBD readings.
- Continuous recording and monitoring of the percentage of gasoline used while driving on gas.
- Automated clearing of OBD errors for the gasoline controller.
- Compatibility with a parameter logger connected to the diagnostic connector of the system.
- Support for vehicles with START/STOP function.





EG INJECTO 90.6 DUO is an innovative sequential gas injection system designed for vehicles with 4/6-cylinder engines that feature a dual fuel injection system, including both multi-point (MPI) and direct (DI) gasoline injection. Gas is delivered to the intake manifold using just 4/6 gas injectors (each gas injector handles one cylinder).

The advanced auto-calibration and mapping algorithm allows for quick and intuitive system tuning, similar to the calibration of the standard EG INJECTO 48 system, which only supports direct injection. The built-in oscilloscope in the controller enables rapid identification of input signals and verification of connection accuracy.

The EG INJECTO DUO controller includes advanced technology emulators for both direct and indirect injection systems. This allows for simultaneous emulation of the gasoline injector signals for both DI and MPI when the engine is running on gas, resulting in very low gasoline consumption.

The system ensures smooth transitions between injection strategies, maintaining vehicle performance close to that of gasoline operation.









SPECIFICATION

- Support for vehicles with 4- and 6-cylinder engines featuring dual gasoline injection (handling up to 6 electromagnetic DI gasoline injectors and up to 6 MPI gasoline injectors).
- Automated, simplified system tuning using OBD readings.
- Continuous recording and monitoring of the percentage of gasoline used while driving on gas.
- Capability for automated clearing of OBD errors for the gasoline controller.
- Dedicated app for visualizing the consumption of both fuels while driving on LPG/CNG, compatible with vehicles equipped with Android Auto (for Android smartphones only).
- Compatibility with a parameter logger connected to the system's diagnostic connector.
- Built-in high fuel pressure (HPS) and low fuel pressure (LPS) emulators.
- Operating temperature: -40 ... +120°C.
- UN ECE homologations for compliance with LPG and CNG.

ENGINE TYPES

The **EG INJECTO** controller line was designed with different types of engines in mind. Use the table below to choose the right controller for your engine.





REDUCERS







EUROPEGAS INJECTORS COMPARISON	EG PREMO NEXT	EG SUPREMO	EG SUPREMO 400HP
Supported power range	to 150 HP	to 270 HP	to 400 HP
Regulator integrated with an electric valve	-		/
Filter chamber heating	-		
Universal filter cartridge	✓	ý ana	Ha 🗸 bl
Operating pressure range	0,9-1,3 bar	0,9-1,3 bar	0,9-1,3 bar
Gas inlet	Ø6 thread M10x1	Ø8 thread M12x1	Ø8 thread M12x1
Gas outlet port	Ø12 mm	Ø16 mm	Ø16 mm
Intake manifold pressure port	Ø4 mm	Ø4 mm	Ø4 mm
Heater fluid ports	Ø16 mm	Ø16 mm	Ø16 mm
Rotary connection ports	✓ /	/	
Included 4.7k Ω NTC temperature sensor	thread M5	thread M5	thread M5









EUROPEGAS NJECTORS COMPARISON	MAGIC COMPACT	MAGIC POWER	MAGIC MINI
Supported power range	up to 350 HP	up to 470 HP	up to 150 HP
Regulator integrated with an electric valve	✓	\checkmark	✓
Adjustable coolant outlet	\checkmark	\checkmark	\checkmark
Inlet pressure compensation	\checkmark	\checkmark	\checkmark
Operating pressure range	0,8-1,4 bar	0,8-1,4 bar	0,8-1,4 bar
Gas inlet	Ø6 thread M10x1	Ø8 thread M12x1	Ø8 thread M12x1
Gas outlet port	Ø12 mm	Ø12 mm	Ø12 mm
Intake manifold pressure port	Ø4 mm	Ø4 mm	Ø4 mm
Heater fluid ports	Ø16 mm	Ø16 mm	Ø16 mm
Rotary connection ports	√	\checkmark	\checkmark
Built in $4.7k\Omega$ NTC temperature sensor	4K7 NTC	4K7 NTC	4K7 NTC

INJECTORS





EUROPEGAS INJECTORS COMPARISON	EG2000	EG RAILGAS
Maximum static flow rate, 3mm nozzle (at 1.2 bar)	130 l / min	100 l / min
Maximum working pressure	4,5 bar	4,5 bar
Operating voltage range	12V	12V
Working temperature	- 40 ÷ 120 °C	-40 ÷ 120 °C
Connectors adapted to the plug	AMP Superseal 282080 - 1	AMP Superseal 282080 - 1
Opening time	1,9 ms	2,7 ms
Closing time	1,2 ms	2,4 ms
Coil resistance	1.9 Ω	2,0 Ω
Gas outlet	thread M5x0,5, callibration nozzles Ø5	thread M8x1, callibration nozzles Ø5
Effective expenditure per cylinder	12 - 50 HP	10 - 32 HP
Version	or single assembly and on 3 cyl. or 4 cyl. fuel rail	rail 3 cyl. or 4 cyl.
Callibration nozzles	1,5 mm for drilling, and pre-calibrated 1,9mm (III), 2,2 (II) i 2,5mm (I)	1,5 mm for drilling



EG DYNAMIC STD/3D

- Timing Advance Processor.
- Advances the moment of ignition in engines which run on LPG/CNG fuel in order to optimize the engine power and improve the dynamics of its work.
- It is scanning, learning and supporting crankshaft and camshaft signals shifting for various engines.
- Dynamic ignition angle advancing depending on actual value of engine speed, TPS throttle position and MAP.
- Support single inductive sensor and up to two digital sensors (Standard version) or three digital sensors (3D version).





ABS400KPA/ABS550KPA

- The sensor is available in 2 variants of the gas pressure measurement range: up to 400 kPa (black) and up to 550kPa (gray).
- The sensor is designed for all LPG and CNG systems produced by EuropeGAS.
- It measures gas pressure and temperature in the gas system, as well as absolute pressure in the intake manifold.
- The sensor ensures high measurement accuracy regardless of gas flow, temperature, and pressure.
- The mapsensor uses modern, high-quality, precision pressure sensors and other electronic components from renowned manufacturers.







EG FUEL LEVEL RESETTER

The fuel level indication emulator EG FLR v2.6 is designed for a wide range of cars with a resistive gasoline level sensor with one signal wire and a gas supply system, in which the petrol level indication drops when driving on gas and does not reset automatically after restarting engine.





EG SWITCH

Modern and elegant switch with built-in buzzer. It is compatible with all EG INJECTO, EG BASICO, EG AVANCE and EG SUPERIOR controllers. It allows manual selection of fuel type by pressing the switch button.





EG INTERFACE OBD

- Gives ability to preview the values of the STFT and LTFT mixture correctors and other parameters, and to erase OBD errors.
- Supports ELM327/VGate interface in USB and Wifi version.
- Supports all vehicles with OBDII protocol (manufactured after year 2000).
- Compatible with EG BASICO, EG AVANCE and EG SUPERIOR controllers.





EG CONECTO

- WiFi diagnostic interface designed for wireless communication with EuropeGAS controllers.
- Compatible with dedicated diagnostic software operating on Windows (EG Configuration Center, EG Injecto) and Android (EG MOVI, EG INJECTO LERTA).
- No need to configure the WiFi module before establishing a connection.
- Compliant with the IEEE 802.11 b/g/n standard.





EG HLS

Contactless gas level sensor with linear output voltage (Hall gas level sensor).

- No mechanical components.
- Precise gas level indication.
- Very low power consumption (10 12 mA).
- Voltage value: 0V empty tank, 5V full tank.





EG SPINNER

EG Spinner is an innovative vapour phase filter using Double Spin Force system and with an interchangeable universal filter insert.

- Filter cartridge with glass fiber and acrylic resins.
- Filtration area: 0,0227 m2.
- Maximum operating pressure: 4.5 bar.
- Operating temperature from 40°C to +120°C.
- Diameter of the connectors: ø12 or ø16 mm.
- Dimensions in mm: 100 x 80 x 80.





EG FTH

- High-pressure flexible hoses are an excellent alternative for use in automotive LPG installations instead of rigid copper pipes.
- Fittings available in two versions: D6 and D8: 180°, 135°, 90°.
- 2 types of FTH hose:
 - D6 (internal diameter 5.0 mm / external diameter 9.6 mm).
 - D8 (internal diameter 6.5 mm / external diameter 12.2 mm).





EG TESTER

A professional agent for testing the tightness of gas installations.

- Quick and easy application.
- Operation in any position.
- Does not cause corrosion.
- Operating temperature range: -8°C 35°C.
- · Capacity: 400 ml.





GASEOUS PHASE FILTER

- · Housing material: aluminium.
- Filtration efficiency: 99% particles from 2 μm.
- Filtration material: blotting paper: 843 VH 134.
- Filtration area: 0,039 m2.
- Available in all varietes of inlet and outlet diameters.







EG INTERFEJS USB 2.1

Two diagnostic connectors ensure compatibility with all systems manufactured by EuropeGas. The optically isolated interface with an FTDI chip is 100% resistant to interference from the car's ignition system and provides the highest level of surge protection. A 3.5-meter dedicated cable, resistant to bending and compression.







EG DETECTOR

Electronic leak detector of the gas installation.

- Sensitivity potentiometer allowing for fast and accurate location of leaks.
- Audible and visual indication of leak detection.
- Quick response time, below two seconds for less than 40% LEL.
- Flexible probe with a length of 42 cm.



EG ADAPTER OBDII

The OBD adapter facilitates the connection of the gas controller with OBD communication protocols using pin 7 (ISO 9141, KWP 2000 SLOW, KWP 2000 FAST) and pins 6 and 14 (CAN 250k 11b, CAN 250k 29b, CAN 500k 29b, CAN 500k 11b).



EG DIVIDE

The distribution manifold is an element that facilitates the delivery of LPG/CNG to individual EG2000 injectors designed for single installation, with inlet ports of 6 mm diameter, mounted directly near the nozzles in the intake manifold.

- Versions available: 2, 3, 4 (cylinders).
- Operating temperature: from -40°C to +120°C.
- Inlet port: Ø12mm.
- Outlet nozzles: Ø6mm.





TECHNICAL SUPPORT



EuropeGAS, as a manufacturer, gives the customer not only product, but also knowledge. We put our greatest efforts to be certain that the workshops properly install and service the installation. We conduct software and manual trainings for EG installers. We provide remote technical support regarding callibration and LPG/CNG kit diagnosis, using EG Configuration Centre with integrated remote desktop software.



Each EuropeGAS product is designed for the users, that is why our main factors are easiness and intuitiveness of service. Through direct meetings with our clients we are able to familiarize with product feedback, and share the experiences regarding everyday usage of our equipment.

Technical Support Department together with our distributors organize cyclical trainings all over the World. We consider this as an investment, because properly trained installer is the best showcase of the company.



We organize cyclical assembly and service trainings of authorized workshops.

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