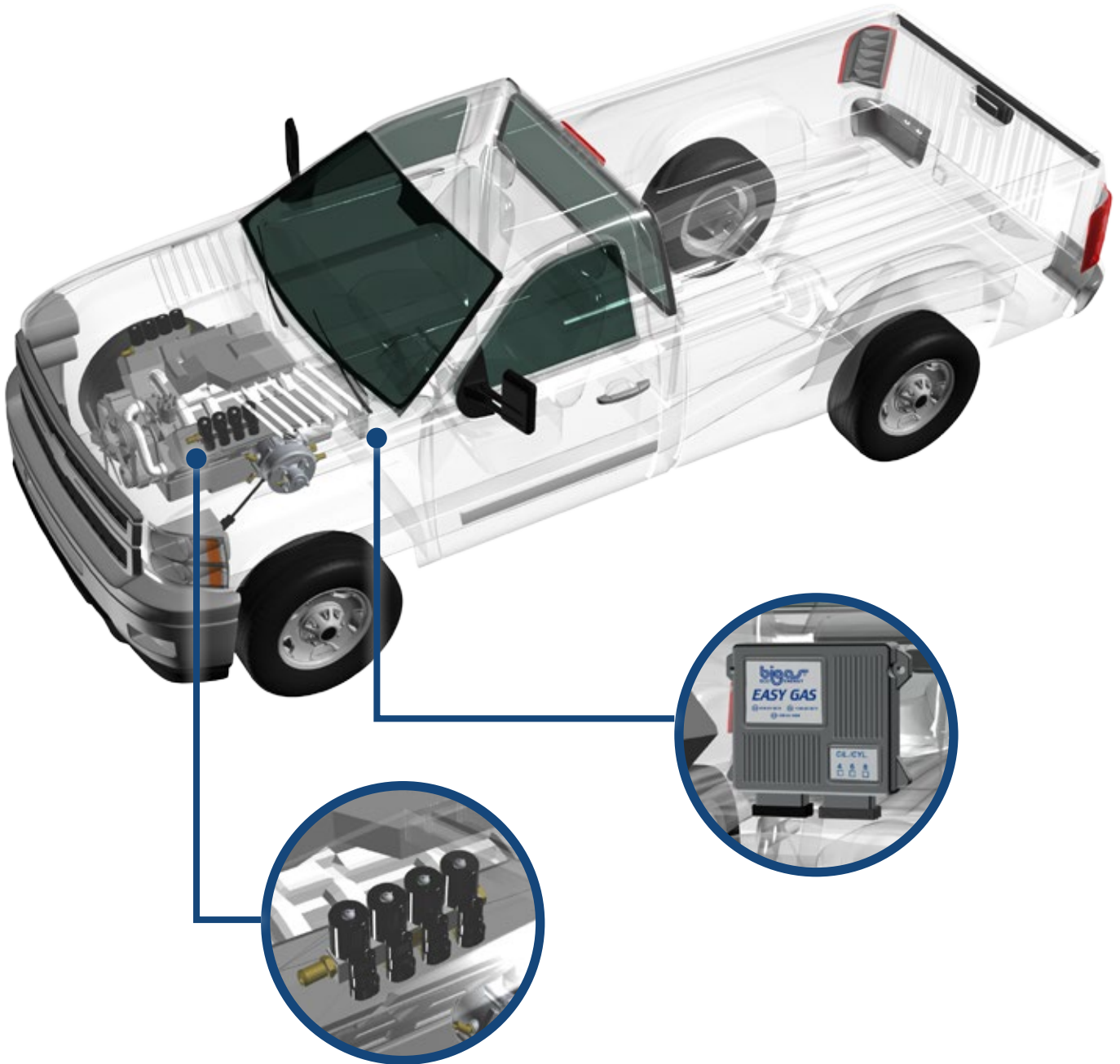


# Components





Rail DI21F

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EasyGas ECU

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GIS ECU

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Preheater PH-001

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Solenoid EGM-04

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# DI21F Rail Injector

- Rail type: solenoid valve on a single monoblock body
- Interchangeable nozzle
- Heated version DI21FW can be used in every weather condition



## GENERAL INFORMATION

<b>APPLICATION</b>	For engines up to 12 cylinders
<b>BODY</b>	Monoblock
<b>MATERIAL</b>	Anodized Aluminium

## TECHNICAL DATA SHEET

Description	Value	
<b>WORKING PRESSURE</b>	0 ÷ 3.5 Bar ( 0 ÷ 50.7 PSI)	
<b>GAS INLET</b>	10 mm Ø doubled or reversible Brass	
<b>GAS OUTLET</b>	5 mm Ø Steel	
<b>GAS NOZZLE</b>	3 mm Ø Steel	3.3 mm Ø Steel
<b>GIGLER</b>	1.5 - 1.8 - 2.0 - 2.25 - 2.5 - 2.75 mm Ø Brass	/
<b>COIL</b>	3 Ohm 12 V 48W	
<b>AMP CONNECTION</b>	with vertical outlet	
<b>MANIFOLD UNIONS</b>	PluriJet Type which improves manifold gas flow	

## RAIL CONFIGURATIONS

<b>3 CYLINDERS</b>	
<b>4 CYLINDERS</b>	
<b>4 BOXER CYLINDERS</b>	
<b>5 CYLINDERS</b>	
<b>6 CYLINDERS</b>	
<b>6V CYLINDERS</b>	
<b>8V CYLINDERS</b>	
<b>10V CYLINDERS</b>	
<b>12V CYLINDERS</b>	



## EASYGAS ECU

- The OBD ECU has three levels of self-learning (low, medium and high charge) and an advanced adjusting self-diagnosing system.
- Incorporates a Valve Safe System with gasoline fuel injection
- The ECU Kit is composed of ECU, Switch, Pressure Sensor, Map, Harness, Accessories

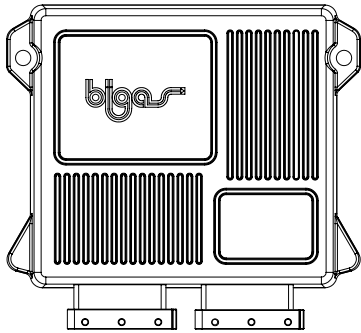


### GENERAL INFORMATION

<b>APPLICATION</b>	For engines up to 12 cylinders
<b>MATERIAL</b>	Aluminium Case

### TECHNICAL DATA SHEET

Description	Value
<b>SYSTEM</b>	64 bit
<b>INPUT SIGNAL</b>	Water temperature
	Gas temperature
	Gas pressure
	Manifold pressure
	Motor revs
	Gasoline Injection Signal
	Gas - Gasoline switching
	Gas Level
<b>SELF DIAGNOSIS</b>	OBD
	Easygas Basic without OBD Available



## EASYGAS ECU 32 & 48

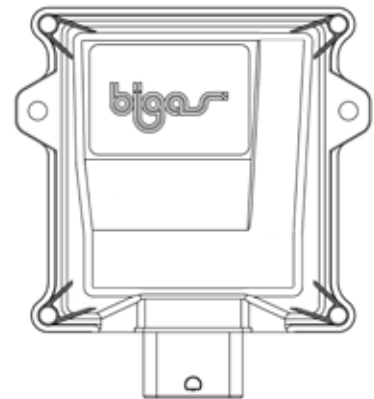
- The ECU has three levels of self-learning (low, medium and high charge) and an advanced adjusting self-diagnosing system.
- Incorporates a Valve Safe System with gasoline fuel injection
- The ECU Kit is composed of ECU, Switch, Pressure Sensor, Map, Harness, Accessories



GENERAL INFORMATION	EASYGAS 32	EASYGAS 48
<b>APPLICATION</b>	For engines up to 4 cylinders	For engines up to 4 cylinders
<b>MATERIAL</b>	Glass Fibered Nylon	Glass Fibered Nylon
<b>SINGLE CABLE CONNECTION</b>	32 pins	48 pins

### TECHNICAL DATA SHEET

Description	Value	
<b>SYSTEM</b>	64 bit	64 bit
<b>INPUT SIGNAL</b>	Water temperature	Water temperature
	Gas temperature	Gas temperature
	Gas pressure	Gas pressure
	Manifold pressure	Manifold pressure
	Motor revs	Motor revs
	Gasoline Injection Signal	Gasoline Injection Signal
	Gas - Gasoline switching	Gas - Gasoline switching
	Gas Level	Gas Level
<b>SELF DIAGNOSIS</b>	no OBD	OBD





## Direct GIS 3000

- Multipoint 3-4 cylinder kit for direct injection
- Incorporates a Valve Safe System with gasoline fuel injection
- The ECU Kit is composed of ECU, Switch, Pressure Sensor, Harness, Accessories



### GENERAL INFORMATION

<b>APPLICATION</b>	For engines up to 4 cylinders
<b>MATERIAL</b>	Aluminium Case

### TECHNICAL DATA SHEET

Description	Value
<b>SYSTEM</b>	16 bit
<b>INPUT SIGNAL</b>	Water temperature
	Gas temperature
	Gas pressure
	Manifold pressure
	Motor revs
	Gasoline Injection Signal
	Gas - Gasoline switching
	Gas Level
<b>SELF DIAGNOSIS</b>	OBD



## Sequential GIS

- The OBD ECU has three levels of self-learning (low, medium and high charge) and an advanced adjusting self-diagnosing system.
- Incorporates a Valve Safe System with gasoline fuel injection
- The ECU Kit is composed of ECU, Switch, Pressure Sensor, Harness, Accessories



**SGIS N**



**SGIS**



GENERAL INFORMATION	SGIS N	SGIS
<b>APPLICATION</b>	For 3-4 cylinders engines	For 5-6-8 cylinders engines
<b>MATERIAL</b>	Aluminium Case	Aluminium Case

### TECHNICAL DATA SHEET

Description	Value	
<b>SYSTEM</b>	16 bit	16 bit
<b>INPUT SIGNAL</b>	Water temperature	Water temperature
	Gas temperature	Gas temperature
	Gas pressure	Gas pressure
	Manifold pressure	Manifold pressure
	Motor revs	Motor revs
	Gasoline Injection Signal	Gasoline Injection Signal
	Gas - Gasoline switching	Gas - Gasoline switching
	Gas Level	Gas Level
<b>SELF DIAGNOSIS</b>	OBD	OBD



## Sequential GIS MP48

- The OBD ECU has three levels of self-learning (low, medium and high charge) and an advanced adjusting self-diagnosing system.
- Incorporates a Valve Safe System with gasoline fuel injection
- The ECU Kit is composed of ECU, Switch, Pressure Sensor, Harness, Accessories



### GENERAL INFORMATION

<b>APPLICATION</b>	For engines up to 4 cylinders
<b>MATERIAL</b>	Glass Fibered Nylon Case

### TECHNICAL DATA SHEET

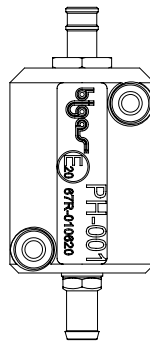
Description	Value
<b>SYSTEM</b>	16 bit
<b>INPUT SIGNAL</b>	Water temperature
	Gas temperature
	Gas pressure
	Manifold pressure
	Motor revs
	Gasoline Injection Signal
	Gas - Gasoline switching
	Gas Level
<b>SELF DIAGNOSIS</b>	OBD
	No OBD version, without self diagnosing system, available





## PH-001 Preheater

Heats gas before passing through the reducer



**E20** ECE R 67 Certified

### GENERAL INFORMATION

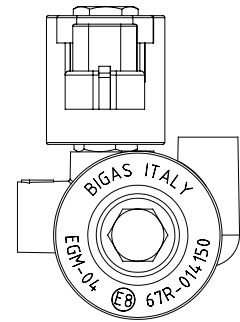
<b>TYPE</b>	Water Preheater
<b>MATERIAL</b>	Aluminium, Brass, Copper

### TECHNICAL DATA SHEET

Description	Value
<b>MAX WORKING PRESSURE</b>	30 bar (435 PSI)
<b>GAS INLET</b>	8 mm Ø Copper / Steel Pipe
<b>GAS OUTLET</b>	8 mm Ø Copper / Steel Pipe
<b>WATER UNIONS</b>	N° 2 x 10 mm Ø Brass
<b>WORKING TEMPERATURE</b>	-20 °C ÷ +120°C (-4 °F ÷ +248 °F)
<b>DIMENSIONS</b>	110 x 55 x 50 mm (4 5/16" x 2 3/16" x 2")
<b>WEIGHT</b>	0,450 Kg (0,99 lbs)

## EGM-04 Solenoid Valve

Shuts off the LPG flow when the engine is running on Gasoline or when it is turned off



**E8** ECE R 67 Certified

### GENERAL INFORMATION

<b>TYPE</b>	Solenoid Valve
<b>MATERIAL</b>	Brass

### TECHNICAL DATA SHEET

Description	Value
<b>MAX WORKING PRESSURE</b>	30 bar (435 PSI)
<b>GAS INLET</b>	M10 x 1 x Pipe 6 mm Ø Brass
<b>GAS OUTLET</b>	M10 x 1 x Pipe 6 mm Ø Brass, 8 mm Ø Pipe available
<b>WORKING TEMPERATURE</b>	-20 °C ÷ +120°C (-4 °F ÷ +248 °F)
<b>DIMENSIONS</b>	78 x 55 x 45 mm (4 5/16" x 2 3/16" x 2")
<b>WEIGHT</b>	0,4 Kg (0,88 lbs)
<b>BLOCKING HOLE</b>	N°2 M5 X 0,8 mm Ø
<b>COIL VOLTAGE</b>	12V
<b>COIL ABSORPTION</b>	11 W
<b>SOLENOID VALVE HOLE</b>	Valve type: Normal 2.8mm
	Valve type: Piloted 4.0mm



## Mixer MIX-000

- **For Systems with Carburetor and Mixer**
- More than 700 configurations already available. For further information please see the Mixer Catalogue
- Customizable upon request



## LPG Level Sensor

- Resistive LPG Reserve sensor for Right multivalves with mechanical reading by means of an indicator directly on the sensor. Tank level indication from empty to full shown in a clockwise direction.



## CNG Pressure Sensor

- The linear CNG pressure sensor provides a linear electronic signal proportional to gas pressure



## Gas Filters **E20** ECE R 110 - ECE R 67 Certified

- Disposable cartridge filter for the gaseous phase



### GENERAL INFORMATION

<b>TYPE</b>	Gas Filter F-779-C
<b>MATERIAL</b>	Aluminium

### TECHNICAL DATA SHEET

Descrpcion	Value
<b>MAX WORKING PRESSURE</b>	4,5 bar (65.2 PSI)
<b>GAS INLET / OUTLET</b>	11 mm Ø Tube
<b>FILTERING CAPACITY</b>	3-5 Micron



### GENERAL INFORMATION

<b>TYPE</b>	Gas Filter FPLG25 FCNG25
<b>MATERIAL</b>	Plastic

### TECHNICAL DATA SHEET

Descrpcion	Value
<b>MAX WORKING PRESSURE</b>	4,5 bar (65.2 PSI)
<b>GAS INLET / OUTLET</b>	11 mm Ø Tube
<b>FILTERING CAPACITY</b>	2-3 Micron