

EXCLUSIVE *line*

STELLA OBD S48

**The highest quality
for modern cars**

Intelligent auto calibration

Diagnostic option

Compatibility with OBD/EOBD

**NOVELTY
2013**



OBD

4th generation sequential gas injection system

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ELPIGAZ
AUTOMOTIVE



EXCLUSIVE line

STELLA OBD S48

Stella OBD S48 is the newest sequential gas injection system of Elpigaz which offers complete compatibility with vehicle's on-board diagnostics EOBD. It belongs to **EXCLUSIVELINE** group of products, which ensures the highest quality for the most demanding Clients.

PRODUCT APPLICATION

Stella OBD S48 is the sequential gas injection system of IV generation, dedicated to 2, 3, 4, cylinders engines with EOBD/OBDII, with multipoint petrol injection to intake manifold with lambda sensor. Stella OBD AE2568D is dedicated to engines with 5, 6, 8, 10, 12 cylinders.

PRODUCT ADVANTAGES

- ✓ Equipped with all necessary sensors :
 - reducer temperature sensor
 - serial PT MAP sensor: gas pressure and temperature sensor, and engine load sensor
- ✓ Full compatibility with EOBD/OBDII
- ✓ Complete diagnostic of running on gas
- ✓ Wireless connection with PC
- ✓ ECU autoadaptation
- ✓ Intelligent calibration in actual work time:
 - automatic choice of characteristics of engine run on gas, based on actual petrol injection map registered during test drive
- ✓ Patented petrol injection emulation(AEB)
- ✓ Engine protection against running on lean fuel mixtures
- ✓ Equal driving parameters on gas as on petrol



RECOMMENDED COMPLETION

Vega -I and Vega-I Sport Reducers

- ✓ provides the lowest gas consumption
- ✓ fast switching from petrol to gas

Rosso, Argento and I-plus Arco injectors

- ✓ even and precise injection
- ✓ inexpensive and easy service

HIT and MoreMo tanks

- ✓ wide range of dimensions
- ✓ low weight and quick assembly

Tank equipment MVA Elpigaz AT02

- ✓ mounting in various positions (lying, hanging or standing)
- ✓ easy assembly



TECHNICAL PARAMETERS

- ✓ Supply voltage: $V_{batt} = 10 \div 16V$
- ✓ Operating temperature: $-40 \div 125^{\circ}C$
- ✓ current absorption with the actuators disabled :
 $I_{max} \leq 0,5A$
- ✓ Current absorption in standby mode: $I_{standby} \div 5mA$
- ✓ Injectors: $I_{max} = 6A$, $V_{batt, max} = 16V$
- ✓ Gasvalves (2 outputs)
 - $P_{max} = 50W$, $I_{max} = 4A$ (common output)
 - $P_{max} = 25W$, $I_{max} = 2A$ (separate outputs)
 - gaspressure: $P_{max} = 4,5 \text{ Bar}$

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