



elektronika systemów autogaz

Petrol - gas switch (injection)

STAG2-W



operation manual



Manufacturer:

AC Spółka Akcyjna

15-182 Białystok, ul. 27 Lipca 64, Poland

tel. +48 85 7438148, fax +48 85 6538649

www.ac.com.pl, e-mail: autogaz@ac.com.pl

Page 3

CONNECTION

Connect the group of conductors of the switch in accordance with the following diagram.

NOTE! STAG2-W works only with the group of conductors attached to the set.

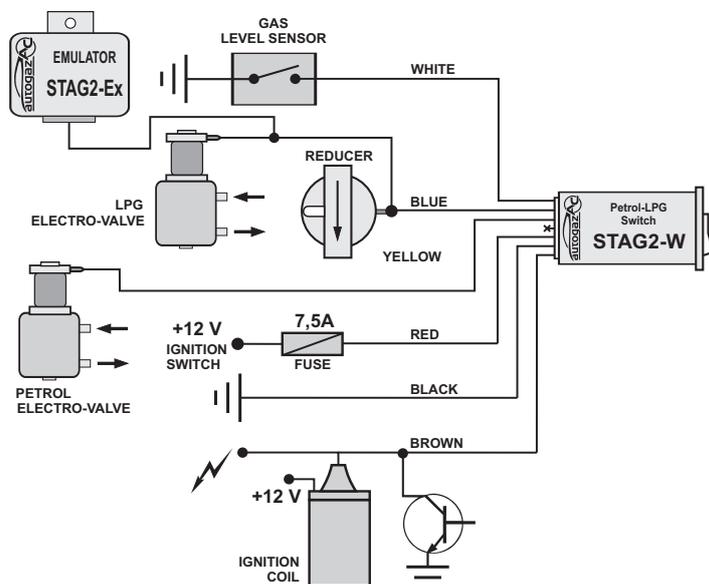


Fig. 1. Connection diagram

INTRODUCTION

STAG2-W switch is intended for automatic or manual activation of the gas rectifier and simultaneous cut-off of petrol rectifier in vehicles fitted with petrol engines with indirect injection and gas installation.

TECHNICAL DATA

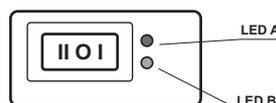
The switch operates in the circuit shown in Fig.1.
Nominal power supply: 12V
Allowable power supply: 10...16V
Ambient temperature: -30°C ... +70°C
Outlet capacity (conductors: blue, yellow) - 5A

ADJUSTMENT AND OPERATION

"0" position emergency work mode enables to activate the engine using gas. When power supply is connected, the petrol rectifier is switched on. LED A (red) is lit. When the ignition switch is turned, the gas rectifier is switched on. LED A (green) is lit.

"I" position petrol rectifier activation. LED A (red) is lit.

"II" position automatic work. LED A (yellow) is lit. In case of automatic operation, the engine is activated using petrol (LED A yellow) and when it reaches ca. 2000 rpm, rectifiers automatically switch from petrol to gas and the colour of lit LED A changes into green. Adjustment of the switching threshold is made by a pot available at the side of the switch housing. LED B (red) indicates gas reserve.



Page 4

WARRANTY CONDITIONS

The manufacturer guarantees proper operation on the device for 12 months from the purchase date, but not longer than 24 month from the manufacturing date stamped on the housing.

The warranty will not be applied to products, which have been damaged due to:

- application for purposes other than designed ones
- improper operational conditions
- mechanical damage
- other, resulted from user's fault

Damaged device together with warranty and purchase bill should be supplied to the AC S.A. Ltd. local distributor.

sale date

seller's
stamp & signature