

SWITCH

The only element of the gas installation that the driver can see every day is a switch. It's worth choosing the one that has a modern design and looks aesthetically in the car. The switch is mounted in a visible place, where it is convenient to be switched and to check the power supply of the car.



In the age of technology development, we get used to the fact that many solutions are personalized for the user's needs. Zenit installation switches which are available in Blue Box and Black Box meet the need of personalization. They allow to adjust the brightness of the light - the driver decides which intensity is the most suitable for him.

How to change the brightness intensity of the switch?

Just hold it for a few seconds to adjust the brightness of the light to your preferences!

To change the brightness intensity of the switch, turn on the ignition, press the switch button and hold it for about 3.0-3.5 s. This will cause the control panel to run the mode of changing the LED brightness. During the procedure, all the LED diodes light up and the adjustment starts from 1% brightness. The change in brightness is performed with a step of about 10% up every ca.1-1.5 [s]. After reaching the maximum value, the light level is again 1%, after then the procedure of increasing the brightness starts one more time according to the above scheme. Finishing the procedure of the brightness regulation consists in releasing the switch button. After a moment, appropriate diodes of a given operating mode will activate.

ZENIT INSTALLATION SWITCHES



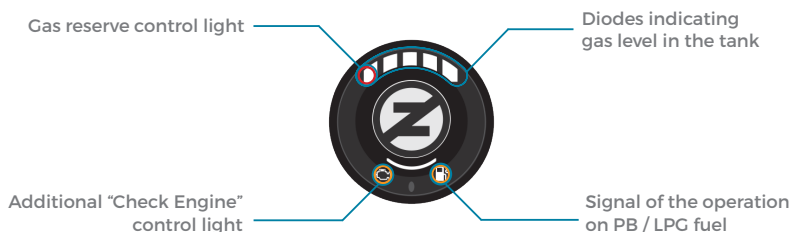
based on a microcontroller

connection: plug - socket

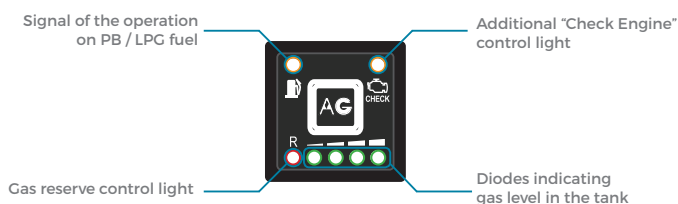
additional CHECK control light

built-in "buzzer"

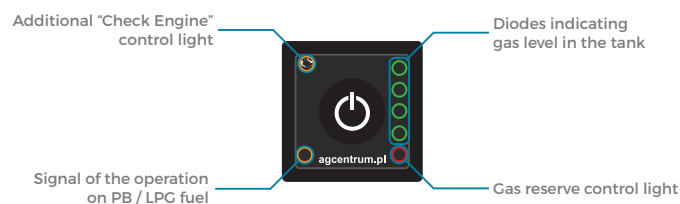
Zenit Blue Box and Zenit Black Box RGB switch



Zenit Compact, Zenit Pro and Zenit Direct switch



Zenit Blue Box and Zenit Black Box switch



ZENIT INSTALLATION SWITCHES

Switch - signal of operating status






- **"Hose" line composed of diodes** (gas level diodes are on and off one after the other) – no communication with ECU
- **Gas level diodes are flashing** – waiting for conditions to be switched
- **"Check" is flashing + 3 x buzzer** – error in diagnostics, you can drive on gas
- **"Check" is permanently lit + 2 x buzzer** – service reminder, you can drive on gas
- **1 x long buzzer + "Decreasing line"** (gas level diodes light up one by one from top to bottom)
 - gas pressure too low - switch to petrol
- **1 x long buzzer + "Rising line"** (gas level diodes light up one by one from bottom to top)
 - error in diagnostics which causes switching to gasoline

ZENIT RGB SWITCH



 New designer RGB switch - **characteristics**



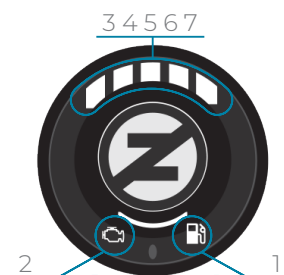
-  built-in light intensity sensor!
-  functional round shape with a centrally located, clickable microswitch!
-  RGB LEDs, thanks to which you can get any light color!
-  built-in buzzer with the ability to adjust the volume and change the tone!
-  additional decorative rings







ZENIT INSTALLATION SWITCHES ARE A COMBINATION OF EUROPEAN DESIGN AND HIGH QUALITY PERFORMANCE

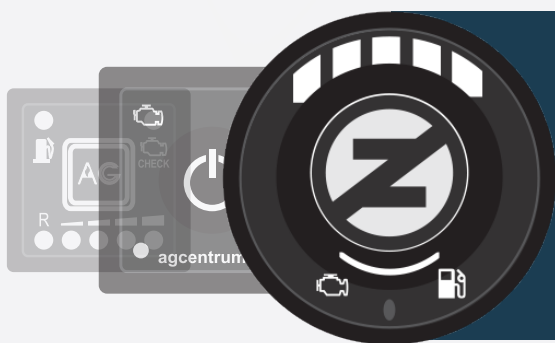
RGB SWITCH

 When using the Zenit Blue Box and Zenit Black Box systems, the switch can additionally signal:



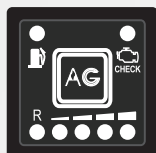
-  **Problem with communication between the control panel in the driver's cab and the control unit** - the diodes light up in order from 1, through 3, 4, 5, 6, 7 to 2, turning a circle - a visit in the service point is required
-  **Problem with one of the gas system components diagnosed by the self-diagnosis system of the control panel, enabling further operation of the engine on gas** - diode no. 2 is flashing + three beeps - a visit in the service point is required
-  **Problem with one of the gas system components diagnosed by the self-diagnosis system of the control panel that prevents further operation of the engine on gas and requires a service visit** - diodes indicating the gas level light up in the order from 4 to 7 + one long beep
-  **Reminder of the periodic service visit** - diode no.2 is permanently lit + two beeps.

RGB SWITCH



It has the function of automatic lighting adjustment and also guarantees the possibility of adjusting diodes brightness by the installer in the software and by the driver himself. What's more - RGB diodes give the option to set any color that the driver prefers!

COMPARISON OF SWITCH COMPATIBILITIES



MODEL OF THE CONTROLLER

			
 ZENIT BLACK BOX	X	✓	✓
 ZENIT BLUE BOX	X	✓	✓
 ZENIT PRO	✓	X	X
 ZENIT DIRECT	✓	X	X
 ZENIT COMPACT	✓	X	X