

ELECTRONIC AND PNEUMATIC wastegate actuators

NEW!

The correct operation of an engine equipped with a turbocharger depends on continuous regulation and precise adjustment of the amount of air supplied to it. For the efficiency of the turbocharger to be optimal, it is necessary to use elements controlling its operation, which, depending on the needs, regulate the pressure in the boost system. These are **electronic and pneumatic wastegate actuators**.

Polcar offers high quality:

ELECTRONIC WASTEGATE ACTUATORS

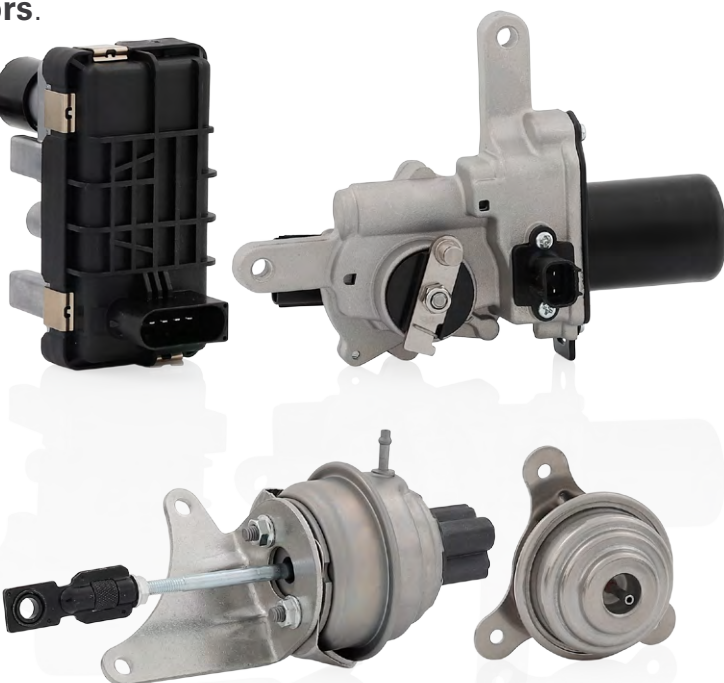
- reinforced structure of the electronic wastegate actuator gear,
- the gear motor is the same as in the original electronic wastegate actuator,
- teflon screw sleeves, which significantly extends the durability of the electronic wastegate actuator,
- are fully programmable to the car controller and can be regenerated.

PNEUMATIC WASTEGATE ACTUATORS

- covered with a special anti-corrosion agent,
- have a rubber membrane with increased strength,
- have appropriate mounting to turbocharger,
- sensors of pneumatic wastegate actuators are fully adaptable to engine controllers.

The exemplary electronic and pneumatic wastegate actuators and their applications

Polcar No.	Application example
Electronic wastegate actuator	
TBS0019Z	OPEL INSIGNIA (G09), 07.08-03.17
TBS0226Z	AUDI A3 (8V1, 8VK), 04.12-10.20
Pneumatic wastegate actuator	
TBS0202S	BMW 3 (F30, F80), 11.11-10.18
TBS0435S	ALFA ROMEO GIULIETTA (940_), 04.10-12.20



Symptoms accompanying damaged electronic and pneumatic wastegate actuators:

- **decrease in engine power,**
- **increased fuel consumption,**
- **uneven engine operation,**
- **excessive smoke from the exhaust**

Electronic and pneumatic wastegate actuators are available in catalogue eCar and in the Internet catalogue <https://catalog.polcar.com/> in the tab:

[Wear parts] ▶ Air supply systems ▶ Turbochargers ▶ Electronic wastegate actuator
[Wear parts] ▶ Air supply systems ▶ Turbochargers ▶ Pneumatic wastegate actuator