

## Electric EGR Valves

Matching to the engine controller is required

Vehicle:	Product:	Electric EGR valve
various VW, Seat, Skoda, Audi	<b>Pierburg No.:</b> 7.22574.11.0; 7.28070.02.0; 7.28248.16.0 7.22785.11.0/12.0/13.0/14.0	O.E. No.: various



After the installation of a new electric EGR valve, the following complaints may be received:

- New part without function
- New part is not detected by the engine controller



Different electric EGR valves

In connection with this, the following EOBD error codes can occur (manufacturer specific error codes in brackets):

- P0400 Exhaust Gas Recirculation Flow Malfunction
- P0401 Exhaust Gas Recirculation (EGR) Flow Insufficient
- P0402 Exhaust Gas Recirculation Flow Excessive Detected
- P0404 Exhaust Gas Recirculation (EGR) Open Position Performance

**Generally, the EGR valve will not have developed a fault!**

Modern engine controllers are equipped with "adaptive memory modules", i.e. the mapping data necessary for operation must first be "learned".

**The electric EGR valve must be adapted to the engine controller!**

This is done by selecting a special programme of the engine tester ("default setting", for example).

More information on this is provided in the manual for your engine tester.

Basic adjustment	
Adaption throttle body control unit	I MO
Check Lambda Converting Bank 1	I MO
<b>Adaption EGR valve</b>	<b>I MO</b>
Reset gear data	I GE

Output for EGR valve matching  
(Gutmann engine tester, for example)

