

Electric EGR Valves

Matching to the engine controller is required

Vehicle:	Product:	Electric EGR valve
various VW, Seat, Skoda, Audi	Pierburg No.: 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
Adaption EGR valve	I MO
Reset gear data	I GE

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

