



Electric EGR valves

Matching to the engine controller is required

Vehicle	Product	PIERBURG No.	O.E. No.*
various VW, Seat, Skoda, Audi	Electric EGR valve	7.22574.11.0; 7.28070.02.0; 7.22785.11.0/.12.0/.13.0/.14.0 7.28248.16.0	see catalogue/TecDoc CD



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 (16784) Exhaust Gas Recirculation - Flow Malfunction**
- P0401 (16785) Exhaust Gas Recirculation (EGR) - Flow Insufficient**
- P0402 (16786) Exhaust Gas Recirculation - Flow Excessive Detected**
- P0404 (16787) 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	MO
Check Lambda Converting Bank 1	MO
Adaption EGR valve	 MO
Reset gear data	GE

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



The right of changes and deviating pictures is reserved. Assignment and usage, refer to the each case current catalogues, TecDoc CD respectively systems based on TecDoc.
 * The reference numbers given are for comparison purposes only and must not be used on invoices to the consumer.