



SI 0090
For technical personnel only!
1/1

SERVICE INFORMATION

ELECTRIC EGR VALVES

MATCHING TO THE ENGINE CONTROLLER IS REQUIRED

Vehicle	Product	Pierburg No.
various VW, Seat, Škoda, Audi	Electric EGR valve	7.22574.11.0/.12.0; 7.28070.02.0/.03.0; 7.22785.11.014.0/.16.018.0/.20.0 7.28248.16.0/.17.0

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



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

NOTE:


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.

Different electric EGR valves

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)

All content including pictures and diagrams is subject to change. For assignment and replacement, refer to the current catalogues or systems based on TecAlliance.
* The reference numbers given are for comparison purposes only and must not be used on invoices to the consumer.