



Good Impulses for Our Environment

MAPCO® is always up-to date and amplifies continuously its product range also in the product column **Electric/Accessories**. Since the introduction of the EURO IV limit values, more than 100 formats of EGR-Valves were enclosed already in the product range what allows the delivery of this article for all current models of passenger cars and transporters. The producer MAPCO® can provide pneumatical as well as electromagnetically operated EGR-Valves.



83845 – z.B. VW GOLF VI 2.0 TDI,
Motorcode: CLCA



83812 – z.B. VW POLO 1.0
Motorcode: AUC



83702 – z.B. OPEL ASTRA G CC 1.6 - 16V
Motorcode: Z16XE

Reduced performance, irregular idle running, higher emission values? This requires the substitution of the EGR-Valve. EGR-Valves made by MAPCO® - always available - will be delivered in more than 90 percent of the cases including the gaskets.

The quality of the MAPCO® rubber gasket, a synthetic polymer which contains Fluor, makes it not only very heat-resistant, corrosion-free and extremely resistant to the impact of chemicals, it even stuffs better than comparable articles of conventional material.

EGR-Valves made by MAPCO® meet all requirements:

- ✓ Proportioning the exhaust fumes according to the required norms.
- ✓ No problems at the emissions inspection after correct fitting.
- ✓ The concentration of dangerous nitric oxides, which are emitted to the environment, is reduced up to 50 percent, the emission of sooty particles in diesel vehicles by about 10 percent.
- ✓ MAPCO® EGR-Valves are identically constructed like original parts and show a very good price-performance ratio.



Solutions for defect EGR-Valves

Error when the EGR-Valve is defect	Possible Reasons	Repair
Bucking in idle running	EGR-Valve is coked or stuck	Check motor control and software
Reduced performance	Unclean combustion	
Mode of emergency operation	Defect motor management	Avoid short tracks
Error display motor control lamp	Frequent operation on short tracks	Change EGR-Valve
Bad performance in low or cold running in Otto motors	Leakiness	
Bad performance in higher speed range in Diesel motors	Defect magnetic valves Error in the vacuum system	Check function of the electrical control and tightness of the vacuum system
	If the induction or charge air contains a lot of oil: Crankcase ventilation defect Oil level to high Valve stem seals worn out	Check the following parts: Oil separator Motor ventilation Pistons, piston rings and valves including steering and gaskets
	Bad motor oil quality	Oil return line of the turbocharger Change oil filter and motor oil
New EGR-Valve without function	New EGR-Valve was not adapted	Update software of the motor control unit.
High idle running after fitting		



Wide selection of products, constantly available from stock and brought quickly to the customer

Products of MAPCO® Autotechnik have been sold in the millions. As a manufacturer of high quality spare parts MAPCO® offers more than 20.000 items for brands from Alfa Romeo to Volvo. MAPCO® owns multiple central warehouses in Germany and a variety of warehouses all over the country and throughout Europe called Regional Centers. That is why MAPCO® parts are always nearby and quickly and reliably available to our customers.

MAPCO® products cover a considerable range of mechanical and electronic replacement parts that is divided into five columns:

- steering and suspension
- brakes
- drives and bearing
- motor and filter
- electrics and accessories



Wide selection of products, constantly available from stock and brought quickly to the customer

Products of MAPCO® Autotechnik have been sold in the millions. As a manufacturer of high quality spare parts MAPCO® offers more than 20.000 items for brands from Alfa Romeo to Volvo. MAPCO® owns multiple central warehouses in Germany and



Contact

MAPCO Autotechnik GmbH
Zentrale
Moosweg 1
14822 Borkheide · GERMANY

T: +49 33845/6 00 30
F: +49 33845/4 10 32
E-Mail: info@mapco.de
www.mapco.com

MAPCO Autotechnik UK Limited
Unit 8, By-Pass Park Estate
Sherburn-in-Elmet
LS25 6EP Leeds

T: +44 1977/30 14 61
F: +44 1977/68 20 76
E-Mail: info@mapco-automotive.co.uk
www.mapco-automotive.co.uk

MAPCO Autotechnik GmbH
France
23, rue d'Arsonval
F-69680 Chassieu

T: +33 4 37 25 85 97
F: +33 4 72 90 13 73
E-Mail: info.france@mapco.es
www.mapco-france.com

MAPCO Autotechnik GmbH
Polígono Industrial Alcalá X,
calle 2 nave 10
41500 Alcalá de Guadaíra
Sevilla, Spain

T: +34 6 87 70 82 07
E-Mail: pedidos@mapco.es
www.mapco.es

MAPCO Autotechnik GmbH
Deposito Italia
Via G. Palatucci 5
47122 Forlì (FC)

T: +39 0543 1 75 31 26
F: +39 0543 1 75 31 26
E-Mail: info@mapco-italia.it
www.mapco-italia.it