

Staying Safe on the Road: MAHLE EGR Cooler with EGR Valve in Premium Line OE Quality

The EGR cooler and valve form a single unit and are an integral part of the emission control system. Both are subject to strict quality standards and functional requirements. Only OE parts manufactured to the same specifications as the components installed by the manufacturer guarantee smooth operation, a perfect fit, and a long service life—using replica products, whether in whole or in part, often leads to nothing but trouble.

Risks associated with non-OE parts

■ Malfunctions

Using substandard replica EGR valves can lead to poor exhaust gas recirculation, resulting in a loss of power, increased fuel consumption, and even engine damage.

■ Increased emissions

A malfunctioning EGR valve can significantly increase emission levels. If the vehicle doesn't meet the legal environmental requirements, it might not pass its next emissions or roadworthiness test.

■ Error messages and expensive repairs

Using uncertified components can lead to engine control unit error messages and costly workshop visits.

■ Loss of warranty

Installing unapproved spare parts may invalidate the warranty or warranty claims.

■ Safety risks

A faulty or substandard EGR valve could also lead to thermal issues or possibly even a fire.



MAHLE exhaust gas recirculation cooler CE 4 000P with EGR valve: one of many MAHLE PREMIUM LINE EGR coolers with or without EGR valve in top OE quality.

The exhaust gas recirculation system increases efficiency and reduces emissions in combustion engines. The heart of the system is the EGR cooler, which feeds some of the exhaust gases back into the engine's intake section, thereby lowering the combustion temperature and reducing the formation of nitrogen oxides (NO_x). If the EGR valve does not function properly, the consequences can be serious.

We recommend using only OE parts such as the MAHLE PREMIUM LINE EGR coolers with EGR valves of equally high quality. By doing so, you can ensure that you and your customers stay safe on the road and protect the environment.

More information about MAHLE thermal management products and services can be found [here](#).