

GoldTech Performance offer a variety of solutions relating to your vehicle's EGR valve / DPF (diesel particulate filter) _

Firstly EGR stands for *Exhaust Gas Recirculation*. The EGR is fitted to try and help lower emissions as by recirculating the exhaust gases twice they come out cleaner. But by putting hot and dirty exhaust gases through an engine the pipework and EGR valve become blocked up and the engine loses performance and efficiency. Some DPF systems use the EGR system to aid the rise of the exhaust gas temperatures to help perform a DPF regeneration. In some cases a EGR delete could cause the DPF system to fail to regen and in turn would then block up the DPF. In 9/10 cases the EGR can be successfully deleted without any adverse effect to the DPF regeneration process.

Having your vehicle's EGR or DPF deleted through the software can save you a lot of money in future mechanical repairs and will provide benefits including:

- *Restore & Optimise Engine Power and MPG*
- *Cleaner Emissions - a faulty or blocked EGR Valve will result in higher carbon/soot deposits from the exhaust*
- *Can prevent DPF failure as the soot is caught in the DPF trap*
- *Can prevent EGR replacement which can potentially cost up to £600*
- *A Blocked EGR Valve can cause further mechanical problems, and in the long term, potentially engine failure*

GoldTech Performance uses Genuine Equipment and Software including EGR Bypass software and can correctly remove the functionality from the software of most types of ECU.

The EGR valve needs correct disabling to ensure it is not trying to recirculate exhausts gases whilst still physically working in the engine.

Is EGR or DPF Removal legal?

It is not illegal to remove the EGR from your vehicle, it is an offence under the Road vehicles (Construction and Use) Regulations (Regulation 61a(3))¹ to use a vehicle which has been modified in such a way that it no longer complies with the air pollutant / emissions standards it was designed to meet. Removal of the EGR will likely not meet these standard requirements. ***We only carry out EGR or DPF delete (software bypass) to customers for off- road use only***

GoldTech Performance offer EGR & DPF Solutions for Off-Road use only 1