

Exhaust Gas Recirculation - EGR Operation

Exhaust Gas Recirculation(EGR) is used to reduce NOx emissions during high loads and engine speed. Introducing exhaust gas into the combustion chambers lowers combustion temperature by reducing the volume of air/fuel mixture.

The ECM both controls and monitors system operation.

If the ERG Valve is seized closed NOx is uncontrolled.

If the ERG Valve is stuck open you get High HC, CO emissions and poor engine performance.

