

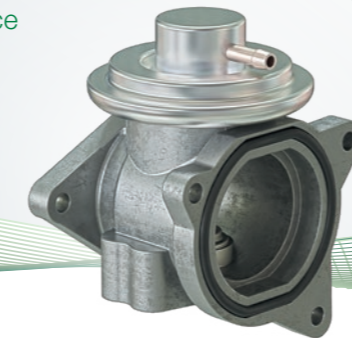
PREMIUM QUALITY

A ONE-STOP SHOP FOR NTK SENSORS

- // Engine Speed & Position Sensors (ESPS)
- // Oxygen Sensors
- // NOx Sensors
- // Exhaust Gas Temperature Sensors (EGTS)
- // MAP/MAF Sensors
- // Exhaust Gas Recirculation Valves (EGR)



With comprehensive coverage and total convenience
from the **world's no.1 sensor specialist.**



NGK SPARK PLUG EUROPE GmbH
Harkortstraße 41 • D-40880 Ratingen



- » Testing brought to extremes: **thermal shock test** from -40 to 150°C
- » **OE-style accessories** (Gaskets and/or o-rings included in the box)
- » Re-engineered valves **with OE quality equivalent**
- » Emission performance in accordance with **EC Euro norms**
- » **Smart and reliable packaging** that ensures product safety

THE NEW EGR-VALVES



VEHICLE
ELECTRONICS

NTK VISION

Phase 1-2022

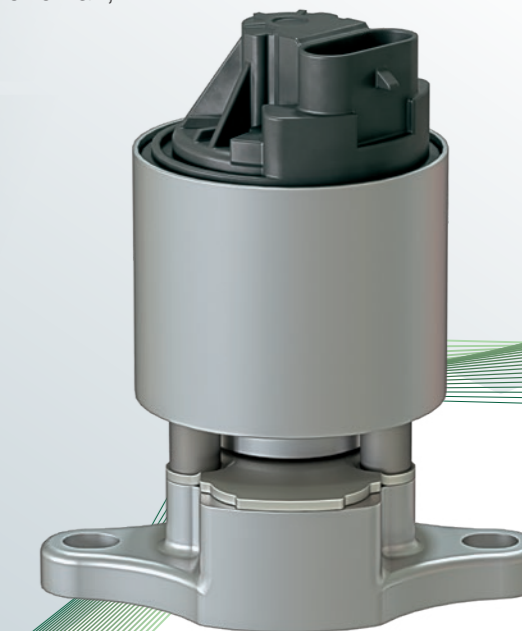
Launch 84 references
125M car parc cover in EMEA
TOP 50 items in EMEA available
All accessories included, no reman,
smart package

Phase 2-2023

+46 NTR items
132M car parc cover in EMEA
EGR pneumatic, EGR electric,
EGR with cooler

Phase 3-2024

+40 NTR items
153M car parc cover in EMEA
EGR pneumatic, EGR electric,
EGR with cooler, range consolidation
and identification of new SKU's



FUNCTION PRINCIPLES

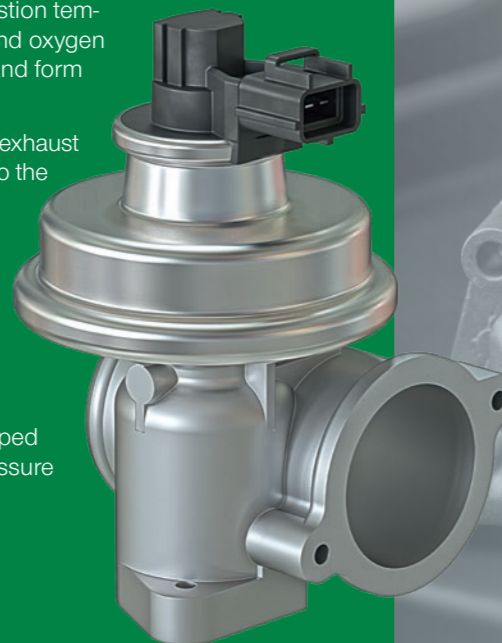
The principal function of the exhaust gas recirculation 'EGR system' is to reduce the amount of nitrogen oxides, of also called NOx or pollutants, that are produced during the combustion process.

NOx is created by the high combustion temperatures that allow the nitrogen and oxygen in the air fuel mixture to combine and form nitrogen oxides of.

EGR takes exhaust gases from the exhaust manifold and reintroduces them into the intake manifold, mixing them with fresh air.

Today, 100% of diesel cars are equipped with EGR, and only 30% of petrol cars are equipped with EGR.

New models will be equipped with two EGR types (low pressure and high pressure).



PRODUCT RANGE

- » **84** part numbers offering an extensive market coverage of premium brands
- » **60%** market coverage (source: TecDoc)
- » Around **206.2 million** cars equipped in Europe
- » Gasoline and diesel applications
- » Comprehensive and useful part numbering system facilitating the choice of the appropriate product
- » Smart package and products well protected

PACKAGING

SMART PACKAGE:

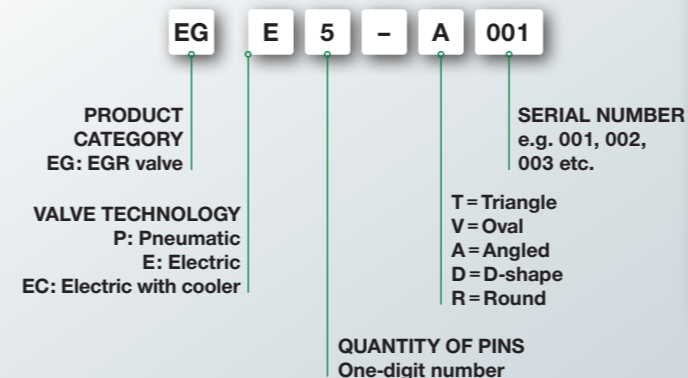
- » Eye-catching design for easy identification
- » Label across two faces for flexible stock management and easy scanning

WELL PROTECTED:

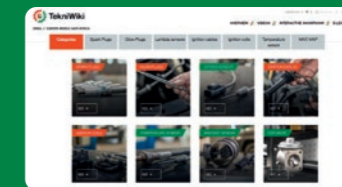
- » Sensor protected with a two piece retention pack or recycled paper wrap
- » Easy inspection

HOW TO READ OUR PART NUMBER

Example: EGE5-A001



TECHNICAL SUPPORT



**DISCOVER
MORE!**

- » Technical video available on our website
- » Exclusive multi language EGR catalogue
- » New catalogue for Exhaust Gas Recirculation Valves (EGR) in addition to separate catalogues for Engine Speed & Position Sensors (ESPS), Manifold Absolute Sensor (MAP), Mass air flow (MAF), Oxygen sensors and Exhaust Gas Temperature Sensors (EGTS)