

**NOW AVAILABLE TO ORDER**



## EXHAUST GAS TEMPERATURE SENSORS

MUK ITEM	OE MANUFACTURER	OE-Number
EG-EU001	AUDI	03L 906 088CC
EG-EU002	VOLKSWAGEN	03L 906 088BS
EG-EU003	VOLKSWAGEN	03L 906 088J
EG-EU004	SEAT	03L 906 088FG
EG-EU005	AUDI	036 906 088C
EG-EU006	VAUXHALL	55558578
EG-EU007	AUDI	03L 906 088AB
EG-EU008	VOLKSWAGEN	03G 906 088F
EG-EU009	VOLKSWAGEN	03G 906 088AC
EG-EU010	VOLKSWAGEN	03L 906 088D
EG-EU011	OPEL	55489472, 55566185, 855632
EG-EU012	VOLKSWAGEN	059 906 088AC
EG-EU013	VOLKSWAGEN	03P 906 088E
EG-EU014	AUDI	057 906 088G, 07Z 906 088A
EG-EU015	VOLKSWAGEN	059 906 088AB, 059 906 088BR
EG-EU016	VOLKSWAGEN	03L 906 088AE, 03L 906 088FE
EG-EU017	VOLKSWAGEN	03L 906 088DC, 03L 906 088JL, 076 906 088C
EG-EU018	AUDI	03L 906 088L
EG-EU019	VOLKSWAGEN	03L 906 088T
EG-EU020	VOLKSWAGEN	076 906 088E
EG-EU021	AUDI	059 906 088P
EG-EU022	AUDI	059 906 088CE
EG-EU023	VOLKSWAGEN	04L 906 088DR
EG-EU024	VOLKSWAGEN	8K0 906 088B
EG-EU025	VOLKSWAGEN	4H0 906 088AF, 4H0 906 088L
EG-EU026	AUDI	059 906 088BJ, 059 906 088CL
EG-EU027	VOLKSWAGEN	03G 906 088

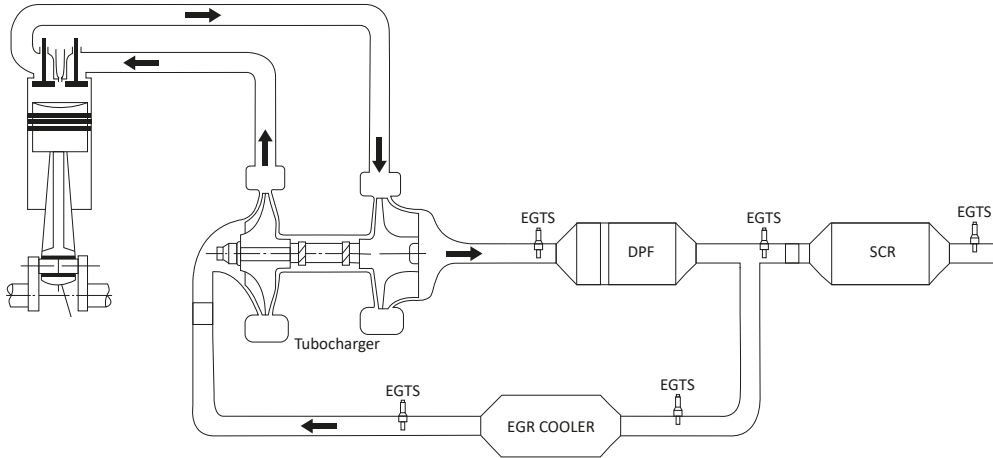


- Improve the efficiency of the engine
- Assists engine conditions control
- Reduces chance of damage to other components
- Lowers emissions
- More economic, uses less fuel during DPF regeneration control

# HOW THEY WORK

EGTS (Exhaust Gas Temperature Sensors) act as a temperature monitor for turbochargers, catalytic converters, diesel particle filters and nitrogen oxide reducing systems.

They monitor the optimum operating point, which protects components from overheating and keeps them in the desired temperature range for optimal conversion rates, making EGTS vital for the reduction of harmful vehicle emissions.



1. Exhaust gas temperature sensor after the turbocharger

2. Exhaust gas temperature sensor in front and after Selective Catalytic Reduction (SCR)

3. Exhaust gas temperature sensor in front and after EGR Cooler



- By tracking the exhaust gas temperatures the ECU can help to prevent damage to the engine if it is getting too hot
- Helps to reduce maintenance bills and reduce the risk of damage to the engine
- The temperature of the exhaust gas can inform the ECU if there is an incorrect fuel mix or engine condition

# EXHAUST GAS TEMPERATURE SENSOR - COMMON FAULTS

These effects can occur in the event of an exhaust gas temperature sensor failure:

- Increased exhaust emissions (CO, NOx and HC)
- Poor drive performance, caused by shortened regeneration intervals of the particulate filter
- Increased fuel consumption caused by longer particulate regeneration
- Warning light for glow plug system flashes
- Warning light for particulate filter lights up
  - Engine control light is on
- Loss of performance caused by incorrect detection of the degree of saturation of the particulate filter



# CAUSES OF FAILURE

The following can be responsible for the failure of the exhaust gas temperature sensor

- Faulty Power supply
- External damage
- Internal damage of the electrical wiring caused by vibrations in the exhaust gas system
- Excessive exhaust gas temperatures caused by defects in the injection system or in the air-fuel mix