



OXYGEN SENSORS

NTK Oxygen Sensors manufactures and supplies over half of original equipment (OE) oxygen sensors.

Each NTK sensor is designed specifically for an OEM application, down to the wire length, protective sleeve material, grommets, clips, and protection tube design. NTK is continuously developing sensor technologies to work with new advanced vehicle computer components.

The NTK Difference

Dual-coated Platinum element

Increases longevity and ensures quickest response time

Water resistant connector

Protects against water contamination related failures

3-stage element overcoat

Provides superior protection against element contamination

Fast light-off times

Reduced time spent in open-loop mode: decreases emissions, increases fuel economy

Variety of protective sheathings

Resists high temperatures with variety of OEM-specified materials (e.g. fiberglass, EPDM, etc.)

Pure alumina ceramic

Protects the sensor element by effectively filtering exhaust gas



99.5% VIO COVERAGE



TECHNOLOGY



TITANIA

- Does not require outside reference air
- Features a smaller element to shorten light-off time
- Available in 12mm and 18mm thread size



WIDE BAND (5-WIRE)

- NTK is one of the pioneers of wide band sensor technology
- Wide band sensors monitor the air fuel ratio to a higher degree of accuracy to provide precise ratio control



ZIRCONIA

- The most common sensor and is usually found downstream of the catalyst in newer vehicles
- Available in 18mm thread size

TESTING & MANUFACTURING

NTK Oxygen Sensors must pass extensive testing procedures and quality checks to ensure fit and performance.

- **Mechanical vibration testing**
- **Thermal shock testing to -40°F**
- **Manufacturing in our ISO/TS 16949 certified manufacturing facility**
- **OBD verification testing**

