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Exhaust Gas Temperature Sensor (EGTS)
High Temperature Sensor (HTS)

Walker sensors meet or exceed all OE specifications while delivering the highest accuracy and reliability in extreme conditions.

- Engine control and over-temperature protection
- Long life in extreme conditions: vibration, contamination, and high temperatures
- Temperature accuracy that meets or exceeds OE requirements
- OE construction with high temperature metals and ceramics

An EGTS/HTS typically measures temperatures up to 900° Celsius in the exhaust system of the vehicle. The sensing element of an EGTS/HTS changes in resistance with the changes in temperature. The engine computer measures the resistance and calculates the temperature.

Depending on the location of the EGTS/HTS, the engine computer uses the temperature information to control a wide variety of processes in the vehicle. These processes include particulate filter regeneration, selective catalytic reduction (SCR), exhaust gas recirculation, turbo boost, and overall engine combustion.

The Walker EGTS/HTS utilizes an OE construction consisting of high temperature metals and ceramics. This allows the Walker sensors to deliver stable and accurate output despite the heat, vibration, and contamination found in the exhaust.

Most EGTS/HTS are used to monitor the particulate filter. In these cases, failure to replace a defective EGTS/HTS will result in an obstructed filter and possible engine damage. Always replace a defective sensor with a quality Walker EGTS/HTS.

ISO 9001 IATF 16949

OE Fit, Form & Function

Servicing the industry for over 70 years to reduce your inventory and increase coverage and profits. Contact us for more information.

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