



HEAVY DUTY FAMILY of PRODUCTS

Heavy Duty / Commercial Vehicle Engine Management Solutions

Precision-engineered, OE-validated components designed to maximize uptime, reduce downtime, and deliver long-term reliability for Class 4–8 commercial vehicles.

AIR BRAKE PRESSURE SENSORS



- **Precise Pressure Monitoring:** Maintains proper brake balance and system safety.
- **Corrosion-Resistant Design:** Withstands road salt, moisture, and debris exposure.
- **Fast Response Output:** Ensures reliable feedback for heavy-duty brake control.
- **OE Electrical Interface:** Guarantees plug-and-play connection for quick service.

COOLANT LEVEL SENSORS



- **Continuous Level Detection:** Prevents overheating and coolant loss damage.
- **Durable Housing Materials:** Resists glycol, oil, and high-temperature exposure.
- **Instant Signal Accuracy:** Provides real-time alerts for low coolant conditions.
- **OE Connector Interface:** Enables simple, direct installation.

DIFFERENTIAL PRESSURE SENSORS



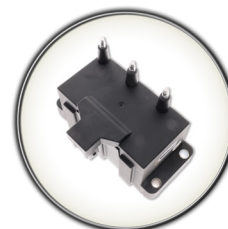
- **Critical Emission System Feedback:** Monitors DPF backpressure for proper regeneration.
- **High-Temperature Stability:** Performs reliably in demanding exhaust environments.
- **Accurate Signal Output:** Ensures compliance with emission control standards.
- **OE Fitment & Connector:** Simplifies installation and ensures proper sealing.

HVAC PRESSURE SENSORS



- **Accurate System Monitoring:** Regulates A/C compressor performance and cabin comfort.
- **Corrosion-Protected Housing:** Designed to withstand refrigerant and moisture exposure.
- **Fast Response Elements:** Optimize A/C efficiency under varying load conditions.
- **OE Electrical Connector:** Provides easy, leak-free installation.

IGNITION COILS



- **High-Energy Output:** Delivers consistent spark for maximum combustion efficiency.
- **Low-Resistance Windings:** Improve ignition performance and fuel economy.
- **OE Housing Design:** Ensures heat dissipation and vibration durability.
- **Direct Fit Replacement:** Simplifies service with plug-and-play installation.

Get more details at
walkerproducts.com

OIL PRESSURE SENSORS



- **Precision Oil Pressure Feedback:** Protects engine components from lubrication loss.
- **Vibration-Resistant Design:** Built for long life in high-heat engine environments.
- **Fast Electrical Response:** Enables instant pressure monitoring and warning activation.
- **OE Connector Interface:** Guarantees proper fit and reliable sealing.

CAM POSITION SENSORS



- **Precision Timing Signals:** Ensure accurate fuel injection and ignition synchronization.
- **High-Speed Output:** Prevents hard starts and misfires on HD diesel engines.
- **Sealed Against Oil & Moisture:** Resists harsh underhood environments.
- **OE Connector Interface:** Guarantees plug-and-play installation.

CRANK POSITION SENSORS



- **Accurate Engine Position Feedback:** Enables proper start-up and fuel injection timing.
- **Rapid Signal Response:** Improves diagnostic accuracy and system performance.
- **Durable Construction:** Withstands vibration, heat, and oil exposure.
- **OE-Matched Fitment:** Simplifies installation and eliminates guesswork.

QUALITY • COVERAGE • SUPPORT

ENGINE COOLANT TEMPERATURE SENSORS



- **Critical Cooling System Input:** Controls fan activation and engine fueling strategy.
- **Fast Response Elements:** Improve cold-start performance and emissions.
- **Corrosion-Resistant Brass Housing:** Ensures long-term reliability.
- **OE Connector Interface:** Enables quick, trouble-free installation.

EXHAUST GAS TEMPERATURE (EGT) SENSORS



- **Critical Thermal Protection:** Monitors exhaust temps to prevent turbo and DPF damage.
- **Fast Response Elements:** Provide immediate feedback for precise emissions control.
- **Extreme Heat Durability:** Validated for continuous operation in high-temperature duty cycles.
- **OE Connector & Harness Length:** Allows quick, accurate replacement in confined spaces.

EXHAUST PRESSURE SENSORS



- **Accurate DPF Monitoring:** Tracks backpressure to enable proper regeneration cycles.
- **Stable Signal Output:** Reduces nuisance codes and prevents unnecessary downtime.
- **Sealed, Corrosion-Proof Construction:** Engineered for harsh soot and heat environments.
- **Direct OE Replacement:** Pre-calibrated for quick installation with no programming required.

FUEL PRESSURE SENSORS



- **Real-Time Pressure Feedback:** Enables precise fuel delivery for efficiency and emissions control.
- **OE-Calibrated Electronics:** Maintain accuracy in high-pressure diesel systems.
- **Robust Housing:** Resists corrosion, vibration, and fuel contaminants.
- **Direct OE Fitment:** Simplifies installation and reduces downtime.

MANIFOLD ABSOLUTE PRESSURE (MAP) SENSORS



- **Accurate Load Sensing:** Provides precise intake pressure data for fuel delivery control.
- **OE-Calibrated Response Curve:** Maintains smooth engine operation under varying loads.
- **High-Temp Electronics:** Engineered to survive heavy-duty thermal cycles.
- **Plug-and-Play Fit:** No programming required after installation.

MASS AIR FLOW (MAF) SENSORS



- **Precision Airflow Measurement:** Ensures accurate fueling and combustion efficiency.
- **Stable OE-Grade Electronics:** Provide consistent performance across extreme duty cycles.
- **Contamination-Resistant Design:** Prevents drift from soot and oil vapor exposure.
- **Exact OE Housing Fit:** Speeds up installation and eliminates misalignment risk.

NOx SENSORS (100% Genuine OE)



- **Authentic OE Manufacture:** Produced by the original Tier 1 supplier for guaranteed performance and compatibility.
- **Accurate NOx Measurement:** Delivers precise emissions data to optimize SCR aftertreatment system performance.
- **Ultra-Fast ECU Response:** Enables real-time emissions corrections to meet stringent EPA standards.
- **Plug-and-Play OE Fitment:** Pre-calibrated for seamless installation and immediate operation.

OIL PRESSURE SWITCHES



- **Reliable Engine Protection:** Alerts operators to low oil pressure to prevent catastrophic damage.
- **OE-Accurate Set Points:** Trigger warnings at the correct thresholds.
- **Heavy-Duty Brass & Steel Construction:** Built for longevity in harsh conditions.
- **Quick-Connect Terminals:** Speed installation and reduce wiring issues.

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TPMS SENSORS (100% Genuine Tier 1 Produced)



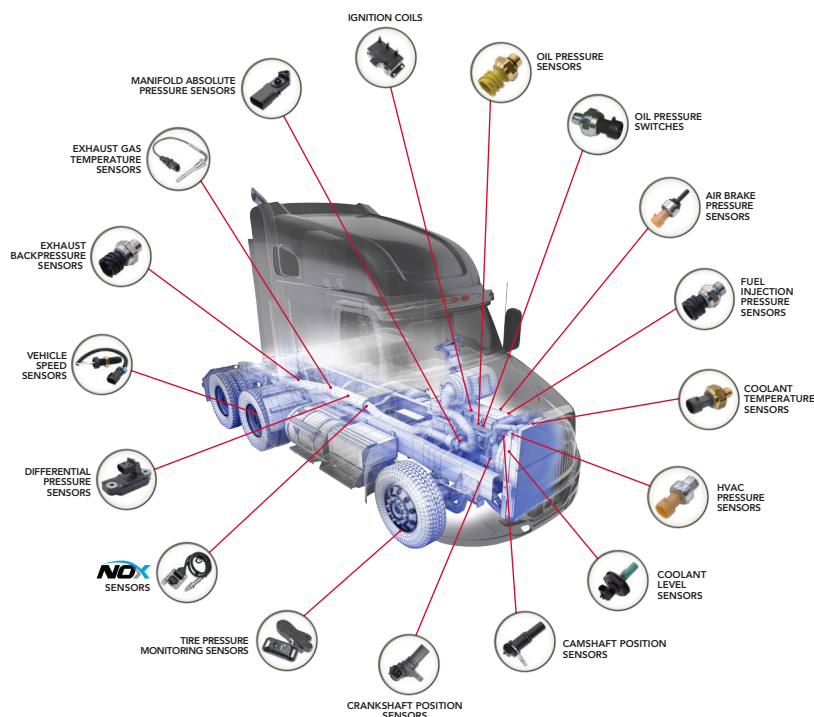
- **OE-Grade Reliability:** Built by a Tier 1 OE manufacturer to withstand heavy-duty duty cycles and harsh conditions.
- **Cloneable Technology:** Programs to match any OE sensor ID for fast, accurate service.
- **Rugged Construction:** Sealed to resist corrosion, vibration, and temperature extremes.
- **Broad HD Coverage:** Consolidated SKUs simplify inventory for mixed commercial fleets.

VEHICLE SPEED SENSORS



- **Precise Wheel Speed Data:** Supports ABS, transmission control, and speedometer accuracy.
- **OE-Calibrated Output:** Ensures stable feedback even under heavy loads.
- **Encapsulated Electronics:** Protect against moisture, salt, and debris.
- **Direct-Fit Design:** Reduces service time and improves uptime.

COMPLETE ENGINE MANAGEMENT SOLUTIONS *All Makes • All Models*



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