

# Building Trust in Aftermarket NOx Sensors

Think avoiding aftermarket NOx sensors is the only way to ensure stable performance and trouble-free driving? You're not alone. But with Generation 2 technology, Dinex is changing the game—restoring trust in the aftermarket, one sensor at a time.



going the extra mile



A NOx sensor is a highly advanced device designed to withstand harsh operating conditions while delivering precise readings that align with the vehicle's ECU. Over the years, our industry has come to realize that these sensors are far more complex than the typical aftermarket components, presenting challenges that require a fresh approach.

In 2023, Dinex turned those challenges into opportunities by launching its Generation 2 NOx sensors. But what sets them apart, and are they compelling enough for workshops to choose the aftermarket route for their next NOx sensor replacement? Let's dive into three key upgrades that make Dinex sensors stand out.

## Smarter Software for Seamless Compatibility

Traditional aftermarket NOx sensors often fail with software compatibility, leading to failures under varying conditions. Dinex's advanced software ensures full compliance—even when ECU software updates occur. Combined with effortless reflash capability, the Generation 2 sensors deliver solid long-term reliability.

## Precision Through Advanced Sensing Technology

Inaccurate NOx readings can result in DEF overdosing and costly aftertreatment system repairs. Dinex's Generation 2 sensors, equipped with cutting-edge sensing elements and an improved sensor head design, maintain an impressive <2% inaccuracy even after a full year of use—matching OE standards and specification limits.

## Engineered for the Harshest Conditions

NOx sensors endure a range of internal and external challenges, from thermal shock and extreme heat to condensation, soot, contamination, moisture, dust, and temperature fluctuations. To maximize durability, Dinex's Generation 2 sensors incorporate advanced sensing element technologies, enhanced soldering techniques, vibration protection, and circuit board shielding—ensuring reliable performance in even the toughest environments.

## A Better Product, From a Better Partner

Since launching our Generation 2 NOx sensors, Dinex has seen an immediate and significant drop in return rates—now well below industry standards for this product segment.

But providing high-quality NOx sensors is only part of the equation. Our experience has shown that the market also depends heavily on training, support, and troubleshooting. That's why Dinex has intensified its efforts in these areas, ensuring workshops have the knowledge and resources they need.

With Dinex, you're not just choosing a supplier—you're partnering with the industry's leading emission experts, delivering solutions from turbo to tailpipe.