

« JUST THE FACTS »

NEW QWIK-SENSOR™ 433 MHz Universal Auto-Locate TPMS Sensor

The NEW Universal Programmable QWIK-SENSOR™ – 433 MHz Ultimate Auto-Locate TPMS Sensor

Today's advanced TPMS sensors utilize technology such as accelerometers, multi-axis positioning, and a dedicated Application Specific Integrated Circuit (ASIC) to determine sensor location and rotational direction. That's why it's more crucial than ever to choose premium replacements like QWIK-SENSOR™ Universal Programmable TPMS Sensors.

QWIK-SENSOR™ TPMS Sensors are registered with NSF® International, a leading independent organization that tests and verifies our TPMS sensors to function properly in a manner equivalent to the OE sensor. With NSF's third-party assurance, you can trust QWIK-SENSOR™ to work on Auto-Relearn vehicles with complex TPMS technology such as LOCSYNC (Lock on Sync), Phase Angle Location (PAL), Pressure on Demand (POD), and WAL (Wireless Auto-Locate). Take a look at our QS104, for example:

Available for both Domestic and Import applications with 433 MHz TPMS systems

Available in rubber or metal valve stem configurations to match proper application. Valves are interchangeable and easily found in the market.

Comes fully assembled from factory, ready to install after software programming with no valve changes required

NSF® registered and independently tested to match OE protocols – including LOCSYNC, PAL, POD, and WAL advanced TPMS technologies

Application Specific Integrated Circuit (ASIC) features an accelerometer that uses multi-axis positioning which allows the TPMS system to accurately display POD (Pressure on Demand)

Surface mounted antenna enhances signal integrity and reliability without compromising battery life and ensures the data is transmitted accurately

QWIK sensor
433 MHz

QS104

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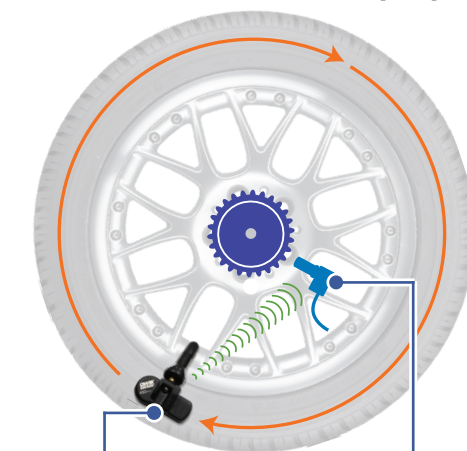
How Auto-Relearn Technology Works

Auto-Relearn automatically identifies each TPMS sensor, determines its position on the vehicle, and then wirelessly transmits the information to the receiver for display on the dash — all without human intervention. For a better understanding, here are two popular Auto-Relearn technologies:

Phase Angle Location (PAL) Technology

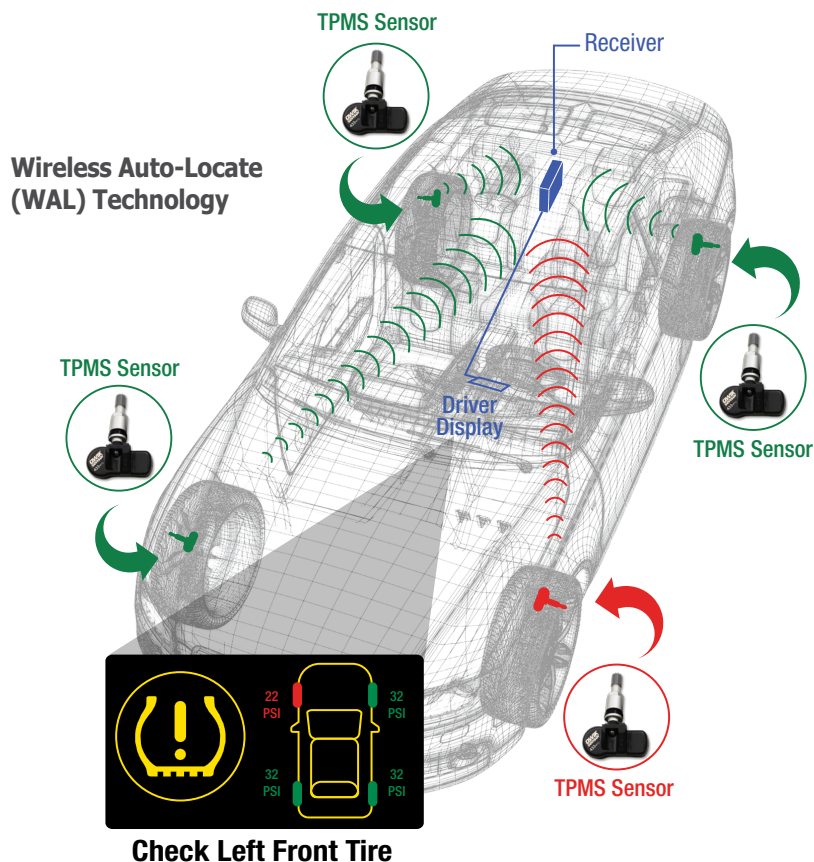
Phase Angle Location uses additional ABS data along with TPMS sensor data to transmit tire pressure, temperature, position, and directional rotation while the vehicle is being driven. Vehicles equipped with Phase Angle Location systems utilize the data to accurately identify the TPMS sensors' location and pressure, which is displayed on the driver display.

Phase Angle Location (PAL) Technology



TPMS Sensor transmits tire data during rotation

ABS Wheel Speed Sensor signal is used in conjunction with TPMS data



Wireless Auto-Locate (WAL) Technology

Wireless Auto-Locate systems use advanced TPMS technology along with RF signal strength to determine sensor location after installing a new sensor or tire rotation.

QWIK-SENSOR™ Has You Covered

Our NSF® Registered QWIK-SENSOR™ TPMS Sensors are compatible with sophisticated Auto-Relearn technologies including Phase Angle Location and Wireless Auto-Locate systems.