

# BWD's Got You Covered.

The perfect match to OE form, fit and function demanded by today's top technicians.

Oxygen Sensor	Per Car	Applications
OS102	2	82-90 AMC/Jeep, 80-99 GM, 81-98 Isuzu, 80-81 Nissan, 87 Renault, 89-94 Suzuki
OS176	2	95-02 Ford, 94-01 Ford Light Trucks, 94-01 Lincoln, 95-96 Mazda, 95-01 Mercury
OS152	3	95-01 Ford, 98-00 Lincoln; 98 Mazda, 97-99 Mercury, 95-96 Nissan
OS820	4	96-01 GM Light Trucks, 96-99 Oldsmobile
OS170	4	95-01 Ford, 95-01 Mazda, 96-99 Mercury
OS823	3	GM Light Trucks
OS884	2	95-98 Chrysler, Dodge, 96-98 Dodge Light Trucks, 97-98 Eagle, 95-99 Plymouth
OS1992	4	98-01 Chevrolet, Toyota
OS125	1	02-03 Chrysler, Dodge
OS128	4	96-99 Acura, 93-97 Buick, 94-96 Cadillac, Oldsmobile, 94-04 Chevrolet, 94-96 GM Light Trucks, 96-00 Honda, 00-01 Hyundai, 96-03 Isuzu, 94-97 Pontiac
OS209	3	95-98 Ford, 95-06 Ford Light Truck, 97-05 Mercury
OS842	1	96 Chrysler, 96-98 Dodge, 97-01 Dodge, Light Trucks, 96-99 Jeep, 96-97 Plymouth
OS839	2	97-04 Buick, 97-03 Chevrolet, Pontiac, 96-97 Cadillac, 97-00 GM Light Trucks, 96-01 Oldsmobile
OS194	4	00-01 Chrysler, Dodge, 99-01 Dodge Light Trucks, 99 Jeep
OS124	2	90-95 Ford, Ford Light Trucks, 91-94, Lincoln, 94 Mazda, 91-96 Mercury
OS825	2	96-04 Buick, Chevrolet, Oldsmobile, Pontiac, 97-01 GM Light Trucks
OS1013	2	99-05 Ford Light Trucks, 02 Lincoln, 01-03 Mazda, 00-05 Mercury
OS120	2	93 Buick, Oldsmobile, Pontiac, 90-93 Chevrolet, 92-95 GM Light Truck,
OS841	2	98-00 Chrysler, 96-01 Dodge, 96-00 Dodge Light Truck, 00 Jeep
OS103	2	80-82 American Motors, 79-81 Buick, Chevrolet, Oldsmobile, 79-95 Cadillac, 79-93 GM Light Trucks, 79-82 Pontiac

RANKED IN ORDER OF POPULARITY

Distributed By:

# BWD

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BW9971

# BWD

## Let Your Engine Breathe with BWD Oxygen Sensors



# We Have Your Oxygen Sensor.

BWD sensors undergo 100% testing for flawless performance, everytime.

## TYPES OF OXYGEN SENSORS

### ■ Zirconia - *Electrochemical Voltage Generator*

This is the most common type of oxygen sensor that uses a ceramic “thimble” element made from zirconium oxide. At over 600°F the zirconia sensor will produce between 0V and 1.1V depending on the difference of oxygen content between the atmospheric reference air and the exhaust.

ZIRCONIA



### ■ Titania - *Variable Resistor*

Using a flat thick film ceramic element made from titanium oxide, this sensor requires a heating element and a reference voltage from the PCM. This type of sensor switches very quickly from low resistance, when rich; to high resistance, when lean.

TITANIA



### ■ Planar (*Fast Light Off*) – *Electrochemical Voltage Generator*

This sensor uses a multi-layer flat thick-film ceramic element from zirconium oxide and contains a high wattage heating element. This permits the vehicle to enter closed loop fuel control within 10 seconds of start-up. At over 600°F the planar sensor will produce between 0V and 1.1V as required.

PLANAR



### ■ Wideband (*WRAF, LAF, A/F*) – *Electronic Voltage Generator*

Operating at over 1200°F, this 5-wire sensor reduces emissions by enabling closed loop fuel control over wider ranges of air/fuel mixtures using a dual element design and high amperage heater circuit. The PCM measures the amount of current required to keep element one at 450mv determining air-fuel ratio, for precise control of the fuel mixture during wide-open throttle and fuel-cut conditions.

WIDEBAND



**IMPORT AND  
DOMESTIC  
COVERAGE**

**“When OE fails...trust BWD.”**