



Intermotor

GB Oxygen Sensors

F Sonde Lambda

D Lambdasonde

I Sensore Lambda

E Sensor Lambda

P Sonda Lambda

DK Lambda Sonder

NL Lambda Sondes

PL Sondy Lambda

H Lambdászondák



A member of the Standard Motor Products Group



Introduction
Einführung
Introducción
Introduzione
Introdução
Indhold
Inleiding
Wstêp



Pages i - xii

1. Product Illustrations & Applications

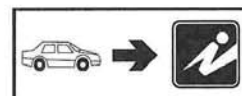
Illustrations des produits/Applications des produits
Produktabbildungen/Produktanwendungsbereiche
Illustrazioni del Prodotto/Applicazioni del Prodotto
Ilustrações dos produtos/Aplicações dos produtos
Ilustraciones de los productos/
Aplicaciones de los productos
Produktanvendelse/Produktfotos
Produkttoepassingen/Produktafbeeldingen
Zastosowanie produktu/Ilustracje produktu



Pages 1 - 58

2. Vehicle Applications

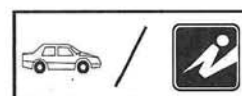
Applications véhicules
Fahrzeuganwendungsbereiche
Guida Applicazione Veicolo
Aplicações das viaturas
Aplicaciones del vehículo
Anvendelsesliste
Voertuigtoepassingen
Zastosowanie do pojazdu



Pages 61 - 153

3. Cross Reference

Equivalence
Querverweis
Riferimento Incrociato Competitori
Lista de equivalências
Contrareferencia
Omkodning
Omzetlijst
Numery porównawcze

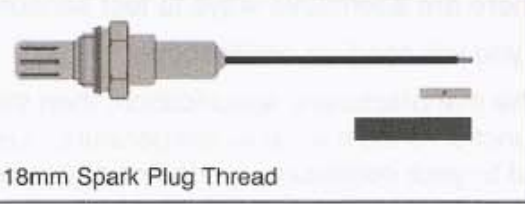
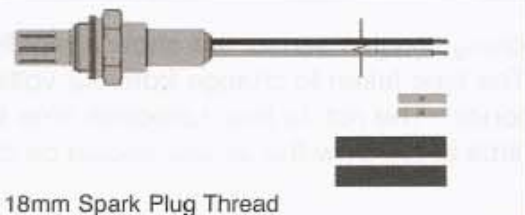
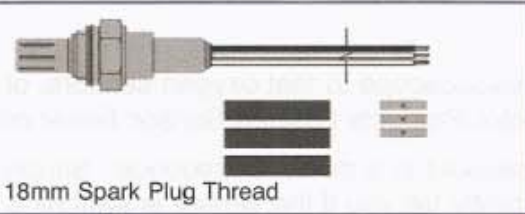
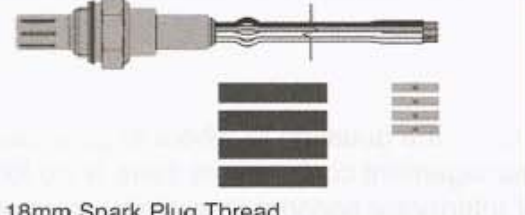

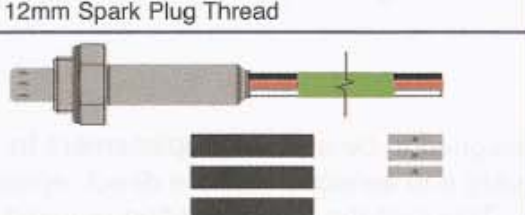
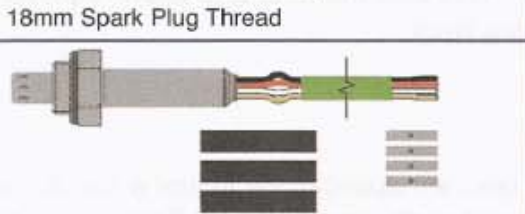


Pages 157 - 162



Oxygen (Lambda) Sensor Information

UNIVERSAL LAMBDA SENSOR QUICK REFERENCE CHART

Zirconia Sensors Fitted to 85% of vehicles on the UK roads fitted with a catalytic converter.	 <p>18mm Spark Plug Thread</p>	One Wire Colour Connection Black Signal	16331 Universal Zirconia Sensor Output 0.1 to 0.9 Volt	
	 <p>18mm Spark Plug Thread</p>	Two Wire Colour Connection Black Signal White Earth or Grey Earth	16335 Universal Zirconia Sensor Output 0.1 to 0.9 Volt	
	 <p>18mm Spark Plug Thread</p>	Three Wire Colour Connection Black Signal White Heater White Heater	16333 Universal Zirconia Sensor Output 0.1 to 0.9 Volt	
	 <p>18mm Spark Plug Thread</p>	Four Wire Colour Connection Black Signal Grey Earth White Heater White Heater	16334 Universal Zirconia Sensor Output 0.1 to 0.9 Volt	
Titania Sensors Fitted to 10% of vehicles on the UK roads fitted with a catalytic converter.	 <p>12mm Spark Plug Thread</p>	Three Wire Colour Connection Black Ref. (out) Red Heater (+) & Ref. (in) White Heater (-)	16353 Universal Titania Sensor Output 0 to 1 Volts*	Typical Applications Rover Nissan
	 <p>18mm Spark Plug Thread</p>	Three Wire Colour Connection Black Ref. (out) Red Heater (+) & Ref. (in) White Heater (-)	16354 Universal Titania Sensor Output 0 to 1 Volts*	Typical Applications Alfa-Romeo Saab Volvo
	 <p>18mm Spark Plug Thread</p>	Four Wire Colour Connection Black Ref. (out) Red Heater (+) White Heater (-) Yellow Ref. (in)	16355 Universal Titania Sensor Output 0 to 5 Volts	Typical Applications BMW Ford GM Jaguar Rover Volvo

Quick Check List

- Count the number of wires on the original sensor.
- Check the colour of the wires.
 - If the sensor has black, grey, purple or white wires, it will be a **Zirconia** sensor.
 - If the sensor has one red wire with the possible exception of some Japanese vehicles, it will be a **Titania** sensor.
- If it is a **Titania** sensor then check the original thread size of the sensor.

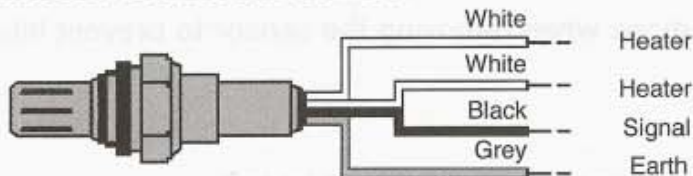
* In some applications fitted with 3 wire **Titania** sensors, the output is 0 to 5 volts.

Oxygen (Lambda) Sensor Information

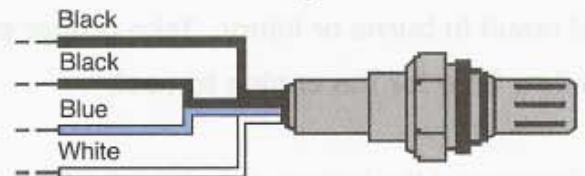
COMMON WIRE COLOUR VARIATIONS

Toyota Applications

Intermotor Universal Sensor



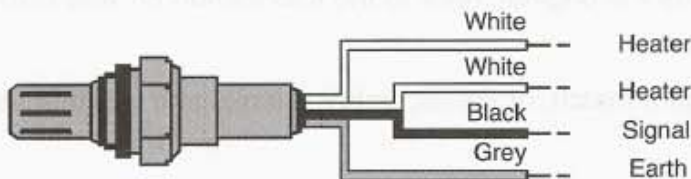
Toyota Sensor



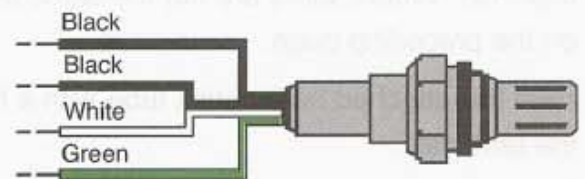
These wire colours can be seen on many Toyota applications with either zirconia, thick film or lean burn Lambda sensors. It is therefore necessary to identify the type of Oxygen sensor fitted to the vehicle to be sure of its compatibility with the replacement sensor. How to identify the different types of Oxygen sensor is shown on page 7

Honda Applications

Intermotor Universal Sensor



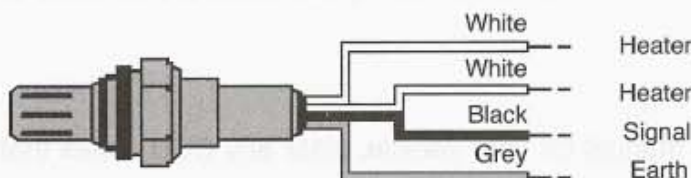
Honda Sensor



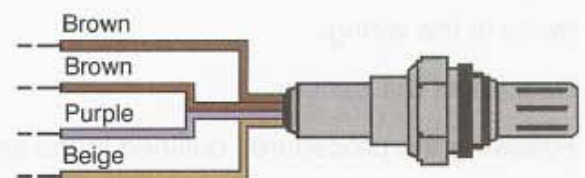
These wire colours can be seen on many Honda applications with either zirconia, thick film or lean burn Lambda sensors. It is therefore necessary to identify the type of Lambda sensor fitted to the vehicle to be sure of its compatibility with the replacement sensor. How to identify the different types of Lambda sensor is shown on page 7

Peugeot/ AC Delco Applications

Intermotor Universal Sensor

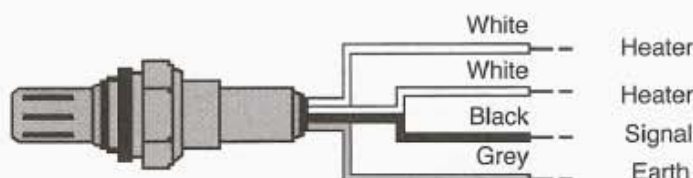


Peugeot/AC Delco Sensor



AC Delco Applications

Intermotor Universal Sensor



AC Delco Sensor

