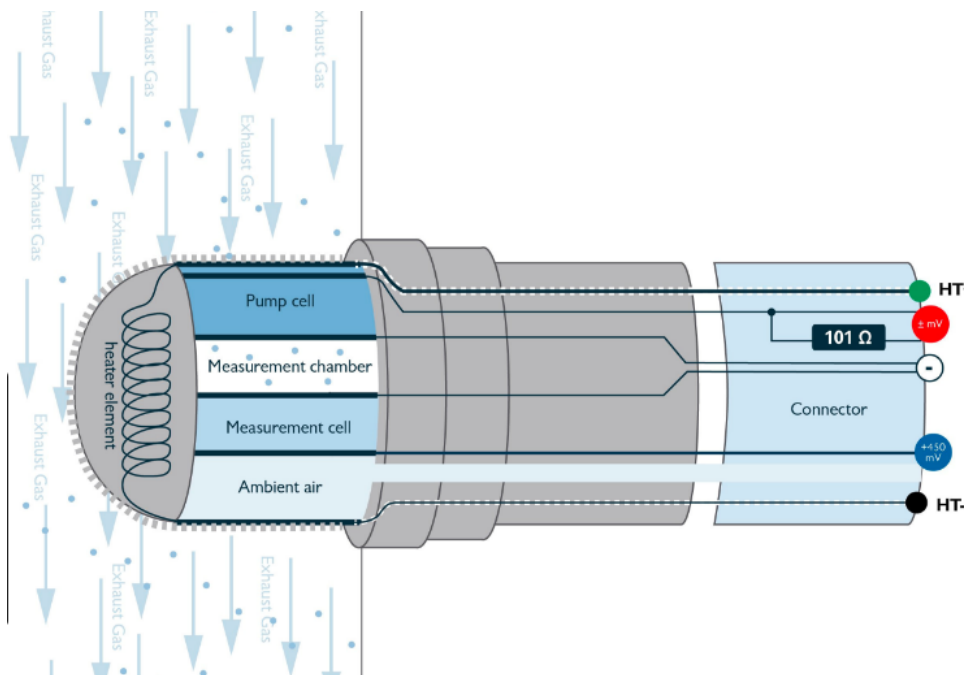
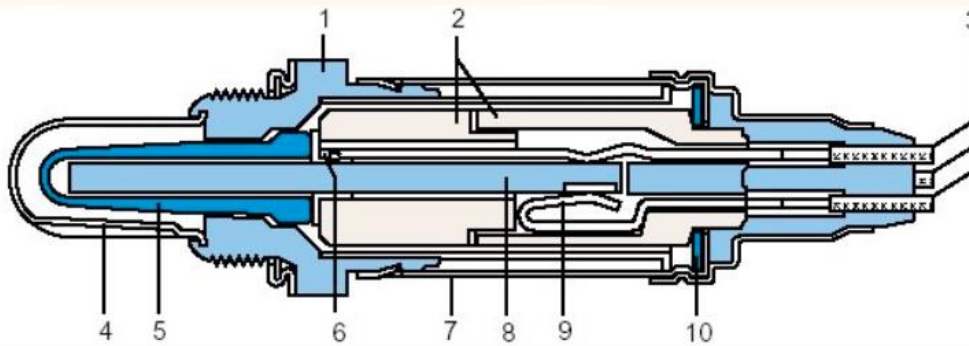


COLOR CODES FOR 4-WIRE OXYGEN SENSORS

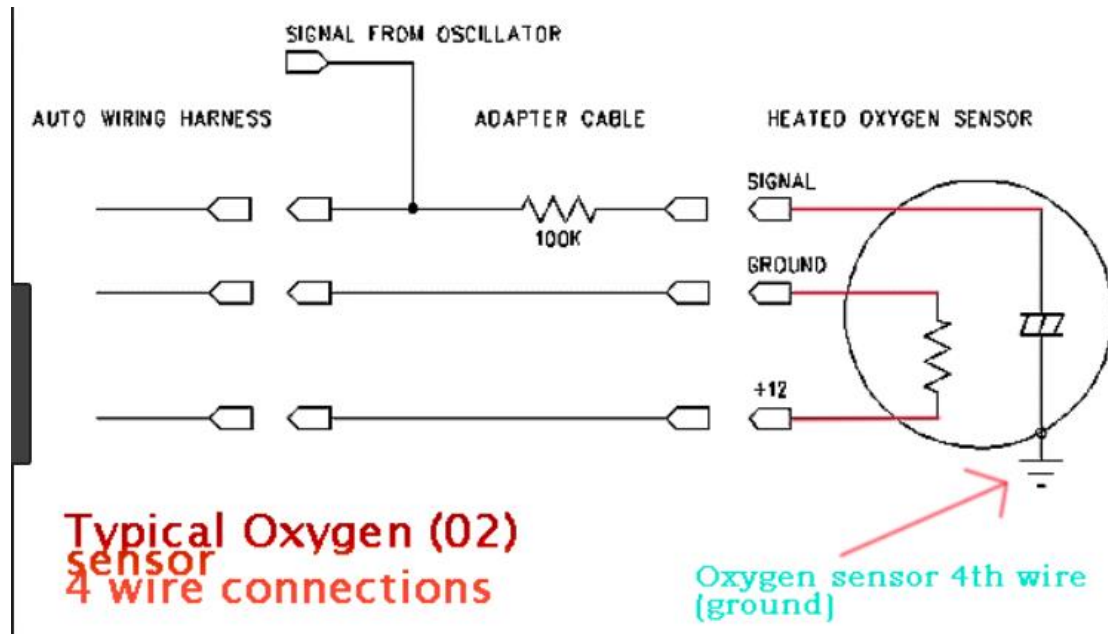
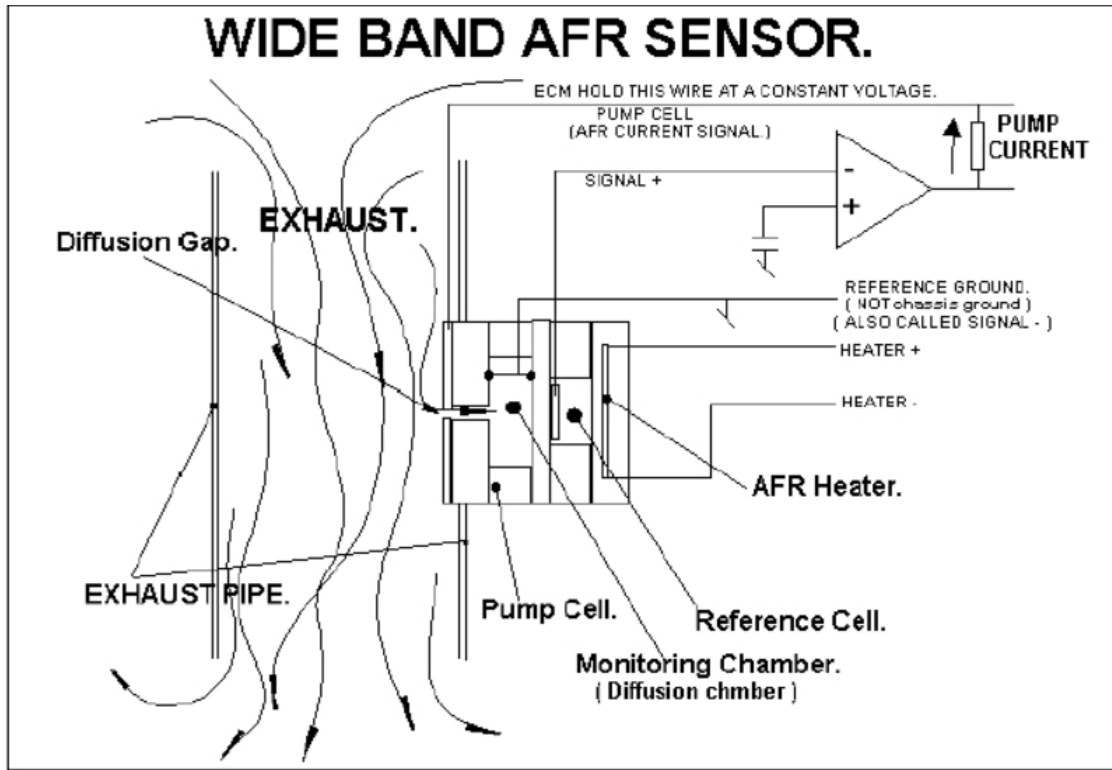
	SIGNAL	GROUND	HEATER	HEATER
AC DELCO	PURPLE	TAN	BROWN	BROWN
BOSCH	BLACK	GREY	WHITE	WHITE
BWD 1	BLACK	GREY	WHITE	WHITE
BWD 2	PURPLE	GREY	WHITE	WHITE
BWD 3	PURPLE	TAN	BROWN	BROWN
DELPHI 1	PURPLE	TAN	BROWN	BROWN
DELPHI 2	BLACK	GREY	PURPLE	WHITE
DENSO	BLUE	WHITE	BLACK	BLACK
HONDA 1	WHITE	GREEN	BLACK	BLACK
HONDA 2	BLUE	WHITE	BLACK	BLACK
NTK	BLACK	GREY	WHITE	WHITE
SMP/STD	BLACK	GREY	WHITE	WHITE
TOYOTA	BLUE	WHITE	BLACK	BLACK

Refer to OEM wiring diagram to make sure wires are connected correctly

1. Sensor housing
2. Ceramic support tube
3. Connection wire
4. Guard tube with slots
5. Active ceramic sensor layer
6. Contact
7. Protective cap
8. Heater element
9. Crimped connections for heater element
10. Spring washer



Make a simulation exhaust: (1)pvc pipe or metallic conduit(2) purchase a venturi tube make one using pvc or metallic conduit (3) blow dryer w/heat gun (4) blow heat into tube/conduit with O2 sensor inserted into pipe at venturi high pressure side



DTC P0131 - Heated Oxygen Sensor (HO2S) Circuit Low Voltage - Sensor 1

