Oxygen Sensor **Tech Tips**



Discolored / Seared Protection Tube

All Bosch Oxygen Sensors go through a full functional test to ensure sensor quality and performance as part of our manufacturing process. Some customers have noticed a dark discoloration on Bosch sensors and question if the part is used. Rest assured that this discoloration is

normal and the result of one of many processes that we utilize to ensure that you receive a high-quality sensor from Bosch!

Note the discoloration of the sensor protection tube







Pre-coated Threads

Bosch Oxygen Sensors come with conductive anti-seize compound applied to the threads right out of the box for easy installation. You do not

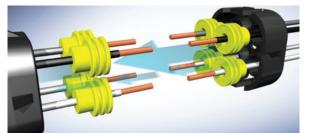
need to add any additional anti-seize as it may get on the sensor protection tube and sensing element and may affect sensor performance.



Reference Air

Oxygen Sensors require a clean reference air sample to function properly. Bosch Oxygen Sensors are the only sensors that draw their reference air from the connector and through the wire harness to ensure the reference air sample is clean. It is critical that the wiring harness is not damaged during

installation or that no dielectric grease is added to the connector as this will affect the sensor's ability to draw its reference air.



Product Warranty Policy Reminder

Bosch Premium Oxygen Sensors Covered: 12 Months/Unlimited Miles* Applies to Non-Commercial Passenger Cars and Light Trucks *Please see website for additional product information: www.boschautoparts.com

Oxygen Sensor Diagnosis Guide



Possible cause:

Measure:



Possible cause:

Possible cause: Air-fuel mixture too rich.

Check the fuel pressure. Replace the oxygen sensor.

Measure:





Measure:

Possible cause: Fuel additives in the gasoline.

Measure: Do not use fuel additives. Replace the oxygen sensor.



Possible cause: Excessive cable tension.

Measure: Replace the oxygen sensor. Route the new cable without tension.







Possible cause: Measure: Replace the oxygen sensor.