



## **096-3061**

**1999-2002 Volkswagen Golf / Jetta / New Beetle**

**2.0L Gas Engine; 6 Bolt Flange; AEG Engine**

### **Reprogramming of ECM and Replacement of O2 Sensor**

Volkswagen Service Bulletin WA/WA00 revised May 2007 indicates that certain vehicles have a prematurely failing O2 Sensor in the upper part of the exhaust system, potentially causing the vehicle to exceed emission standards and triggering the vehicle's check engine light. The bulletin goes on to state that the ECM needs to be reprogrammed as well.

A malfunctioning O2 sensor can directly affect the control of the fuel and air mixture within the engine. If this mixture is too rich or too lean, it can lead to premature catalytic converter failure which may also trigger DTC P0420 or P0430. It is imperative that these issues be addressed PRIOR to catalytic converter replacement.

### **Mass Air Sensor**

Certain Volkswagen Jetta, Golf, and Beetle applications are prone to prematurely defective Mass Air Sensors. Strong consideration should be given to replacing the original Mass Air Sensor (if no there is no evidence of prior replacement) prior to replacing the catalytic converter.