

NO: 18-31-98

SUBJECT: Oxygen Sensor (O2) Operating Differences

DATE: Sep. 25, 1998

NOTE: THIS INFORMATION APPLIES TO VEHICLES EQUIPPED WITH A 4.7L ENGINE.

DISCUSSION:

To enhance the idle quality of the 4.7L engine, the O2 sensor will be biased rich when the engine is at idle and the transmission is in Park or Neutral. The upstream goal voltage during this time will be between 0.7 and 0.85 volts. The O2 sensor should not be condemned for slow or no switching while at idle and in Park or Neutral.

O2 switching tests should be performed off idle in any gear, or at idle in a forward gear range. During these conditions, the O2 sensor goal voltage will be in the normal (0.5 volt) range.

POLICY: Information Only