



TECH TIPS



Nissan: ME570 & ME571 Crank Angle Sensors

Nissan hard start, no start

Nissan hard start, no start, improper fuel control, pinging, no power and surging can be caused by a faulty CRANK ANGLE SENSOR, this is a common problem with these vehicles.

The problems seen can be intermittent and even heat related failures. Sometimes the vehicle will display a failure code 11, but many times there won't be any code.

An intermittent crank angle sensor can be verified using an oscilloscope, logic probe or fast updating frequency counter - duty cycle meter. If testing indicates the crank angle sensor is at fault replacement sensors are now available, the need for a complete distributor replacement is no longer required.

The sensor connector is labeled with A,B,C,D on its end face.

- A: Is Key on Reference Voltage.
- B: Is 180/120 Degree Signal Pulse.
- C: Is 1 Degree Signal Pulse.
- D: Is Ground.