

AFA Electronic Sensors

AFA offers sensors to compliment the many other engine parts offered in our product line! Listed in this bulletin are 25 sensors in stock and ready to ship. All of these sensors have been quality approved and tested at the factory, to insure that they function correctly on the engine application.

All sensors are important. In today's diesel engines, sensors are the link to the engines computer - the "brain" of a computerized engine control system - and sensors tell the computer what's happening under the hood.

Some sensors have more influence on engine performance than others. These include the coolant temperature sensor, oxygen sensor, throttle position sensor, and manifold absolute pressure sensor. Depending on the engine, AFA offers all of these sensors or the sensors that are subject to frequent replacement.

Here are some typical sensor issues and symptoms that show why they should be replaced:	
SENSOR TYPE	NORMAL SYMPTOMS
CRANKSHAFT (CPS)	NON START, - OCCASIONALLY MAY CUT-OUT AND RESTART
CAMSHAFT SENSOR	NON START
COOLANT SENSOR	MAY BE NONSTART IF SENSOR TELLS ECU WRONG TEMPERATURE
AIR FLOW SENSOR	WON'T EFFECT RUNNING ONLY USED TO MONITOR EGR VALVE ON DIESEL ENGINES
THROTTLE PEDAL	WON'T REV, MAY BE OK AGAIN AFTER RE-STARTING
FUEL RAIL PRESSURE	PROBABLY WON'T START WILL KNOCK IF DOES
AIR TEMPERATURE	MAY UPSET STARTING AND RUNNING SLIGHTLY
ATMOSPHERIC	MAY UPSET STARTING AND RUNNING SLIGHTLY

AFA Electronic Sensors for Caterpillar® Engines

OEM Reference: 161-1703
 AFA Reference: 1611703
 Description: Pressure Sensor



OEM Reference: 161-1704
 AFA Reference: 1611704
 Description: Pressure Sensor



OEM Reference: 161-1705
 AFA Reference: 1611705
 Description: Pressure Sensor



OEM Reference: 194-6722
 AFA Reference: 1946722
 Description: Pressure Sensor Atmospheric



OEM Reference: 194-6725
AFA Reference: 1946725
Description: Pressure Sensor



OEM Reference: 264-4297
AFA Reference: 2644297
Description: Coolant Temperature Sensor



AFA Electronic Sensors for Cummins® Engines

OEM Reference: 2872277
AFA Reference: A2872277
Description: Cam/Crank Position Sensor



OEM Reference: 2897334
AFA Reference: A2897334
Description: Air Intake Manifold Sensor



OEM Reference: 3085185
AFA Reference: A3085185
Description: Temperature Sensor



OEM Reference: 4921473
AFA Reference: A4921473
Description: Air Pressure Sensor



OEM Reference: 4921475
AFA Reference: A4921475
Description: Oil Pressure Sensor



OEM Reference: 4921487
AFA Reference: A4921487
Description: Oil Pressure Sensor



OEM Reference: 4921495
AFA Reference: A4921495
Description: Fuel Pressure Sensor



OEM Reference: 4921497
AFA Reference: A4921497
Description: Intake Manifold or Fuel Pressure Sensor



OEM Reference: 4921499
AFA Reference: A4921499
Description: Fuel Pressure Sensor



OEM Reference: 4921501
AFA Reference: A4921501
Description: Air Pressure Sensor



OEM Reference: 4928594
AFA Reference: A4928594
Description: Exhaust Gas Sensor



OEM Reference: 4954905
AFA Reference: A4954905
Description: Temperature Sensor



AFA Electronic Sensors for Detroit Diesel® Engines

OEM Reference: 23520380
AFA Reference: D23520380
Description: Coolant Sensor



OEM Reference: 8929387
AFA Reference: D8929387
Description: Water Temperature Sensor



OEM Reference: 8929388
AFA Reference: D8929388
Description: Water Temperature Sensor



OEM Reference: 23515251
AFA Reference: D23515251
Description: Oil Temperature Sensor



OEM Reference: 23518092
AFA Reference: D23518092
Description: Temperature Sensor



OEM Reference: 23527339
AFA Reference: D23527339
Description: Water Temperature Sensor



OEM Reference: 23527830
AFA Reference: D23527830
Description: Temperature Sensor

