

## ACRONYM DEFINITIONS

### **AVR - Automatic Voltage Regulator**

This regulates the output voltage from the generator to a controlled voltage for use.

### **EGR - Exhaust Gas Recirculation**

Recirculates exhaust gas to replace some of the excess oxygen in the pre-combustion mixture.

### **DOC - Diesel Oxidation Catalyst**

Finer than a standard muffler to catch unburnt diesel fuel and excess carbon before entering the atmosphere.

### **DPF - Diesel Particulate Filter**

A honeycomb style filter that catches all unburnt diesel fuel and excess carbon before entering the atmosphere.

### **SCR - Selective Catalytic Reduction**

A similar system to the DPF that includes an injector to add Diesel Exhaust Fluid to create a chemical effect to remove the excess carbon.

### **DEF - Diesel Exhaust Fluid**

A chemical mixture made to be added to diesel exhaust systems to remove any unburnt diesel fuel and carbon deposits.

### **ETM - Exhaust Temperature Management**

A new system that uses a throttle valve to create backpressure and heat to aid the exhaust system in removing carbon.

### **PCV - Positive Crankcase Ventilation**

A point at the top of the engine that allows excess crankcase pressure to leave the system and vent to atmosphere.

### **SCV - Suction Control Valve**

Controls the fuel discharge amount through the high pressure pump the common rail.

### **ECM - Engine Control Module**

Engine computer to regulate all electronic components.

### **ECU - Engine Control Unit**

Same as ECM.

### **CKP - Crankshaft Position Sensor**

Determines the position of the crankshaft by using a magnet by counting the teeth on the gear.

### **CMP - Camshaft Position Sensor**

Determines the position of the camshaft by using a magnet by counting the teeth on the gear.

### **RPM - Revolutions Per Minute**

Engine speed.

### **HP - Horse Power**

Amount of work done.

### **HZ - Hertz**

Unit of frequency.

### **KVA - Kilovolt Amps**

### **KW - Kilowatts**

### **V - Voltage**

### **A - Amperage**

### **CFM - Cubic Feet per Minute**

### **PSI - Pounds per Square Inch**