

## **Electronic Engine Set RPM ECM Guide**

### **Caterpillar Engine**

#### **ECM Model: Adam I (40 Pin Connector)**

Pin# 3 - insert wire and proper pin into Pin# 8 at J1/P1 connector at the engine ECM.

Pin# 6 - insert wire and proper pin into Pin# 30 at J1/P1 connector at the engine ECM or connect to chassis ground.

Pin# 8 - Not Used.

**Note:** The J1/P1 connector is found on the driver's side of the engine on the ECM, the bottom connector is J1/P1.

### **Caterpillar Engine**

#### **ECM Model: Adam II (70 Pin Connector)**

Pin# 3 - insert wire and proper pin into Pin# 56 at J1/P1 connector at the engine ECM.

Pin# 6 - insert wire and proper pin into Pin# 3 at J1/P1 connector at the engine ECM or connect to chassis ground.

Pin# 8 - Not Used.

**Note:** The J1/P1 connector is found on the driver's side of the engine on the ECM, the rear connector is J1/P1.

### **Cummins Engine (ISB,ISC,ISL)**

#### **ECM Model: Celect Plus**

Pin# 3 - insert wire and proper pin into Pin# 46 at OEM connector at the engine ECM.

Pin# 6 - Connect to chassis ground.

Pin# 8 - Not Used.

**Note:** The OEM connector is found on the driver's side of the engine on the ECM. The front connector is the OEM connector.

### **Cummins Engine (ISM, Pre 2003 ISX)**

#### **ECM Model: Celect Plus**

Pin# 3 - insert wire and proper pin into Pin# 34 at the OEM connector at the engine ECM.

Pin# 6 - Connect to chassis ground.

Pin# 8 - Not Used.

**Note:** The OEM connector is found on the driver's side of the engine on the ECM. The front connector is the OEM connector.

### **Cummins Engine (M11,N14)**

#### **ECM Model: Celect Plus**

Pin# 3 - insert wire and proper pin into Pin# 15 at the OEM connector at the engine ECM.

Pin# 6 - Connect to chassis ground.

Pin# 8 - Not Used.

## Cont'

### **Cummins Engine (ISX 2003)**

#### **ECM Model: Celect Plus**

Pin# 3 - Insert wire and the proper pin into Pin# 4 at the OEM Connector at the engine ECM.

Pin# 6 - Connect to Chassis Ground

Pin# 8 - Not Used

### **International Navpak (T 444E, DT 466E, DT 466E HT, 530E, 530E HT)**

Pin# 3 - Join both wire# 46B and wire# 97CB to the pin.

Pin# 6 - Join wire# 97DF to this pin.

Pin# 8 - Not Used.

### **Mack V-Mac III Electronic Engine**

Pin# 3 - Tee into the J2-9 wire at the VECU

Pin# 8 - Tee into the J1-6 wire at the VECU

Pin# 6- Connect to the 12v key switch fused (10amp) power.

### **Volvo Vectro Electronic Engine**

Pin# 3 - Join to the wire # 573 at the VECU. (Vehicle ECU pin - PA 29)

Pin# 8 - Join to the wire # 573 A at the VECU.(Vehicle ECU pin - PA 15)

Pin# 6- Connect to the 12v key switch fused (10amp) power.

### **Mercedes-Benz Electronic Engine**

Pin# 3 - To the VCU gray connector, insert the wire and terminal in pin# 10 cavity.

Pin# 6 - Connect to chassis ground.

Pin# 8 - Not Used.

### **Detroit DDEC III, IV & V**

Pin# 3 - Connect to the 510 Wire, ECM Connector location is D1

Pin# 6 - Connect to the 528 Wire or the 544 Wire, ECM Connector location 528 is G1

Pin# 8 - Not Used