

## **UDX Dash 100PSI Oil Pressure Sensor Part # 810-PT-0100SD**

**Care must be taken to ensure proper connections and secure grounds.  
Failure to do so will cause improper readings.**

For identification purposes all new Racepak UDX Dash 100PSI oil pressure sensors have two terminals for connection. Older units were supplied with a single terminal sensor that would only ground through the body of the sensor. Faulty ground connections will cause incorrect and/or intermitted data.

### **Mounting (see notes on other side):**

Locate a suitable location to mount the sensor. Using the supplied clamp and rubber stand, mount the sensor to a secure area away from heat and vibration. It is recommended to have the sensor mounted **indirectly** to a chassis member. **Do not install sensor on engine directly.** Failure to secure sensor in a fashion that reduces vibration will result in sensor failure.

### **Wiring**

Using one of the supplied blue ring terminals, crimp the ring terminal on the end of the tan wire from Port A, Pin 3 connector found on the rear of the dash. After crimping, tightly secure this ring terminal to either of the terminal posts on the sensor.

Using the other supplied blue ring terminal, crimp this to one end of the supplied 24" black wire. After crimping, tightly secure this ring terminal to other, unused terminal post on the sensor.

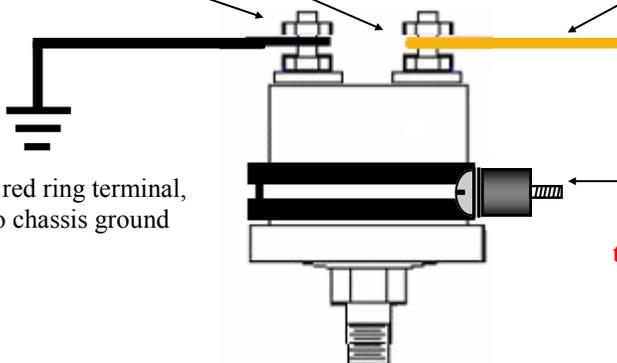
Using the supplied red ring terminal, crimp this to the opposite end of the supplied 24" black wire. After crimping, tightly secure this ring terminal to a chassis ground.

**The terminal posts on the sensor are not marked.  
Either terminal may be used for the ground source.**

Use #10 blue ring terminals for these posts

Tan wire from the dash Port A, Pin 3 connector

Using 1/4" red ring terminal, connect to chassis ground



### **NOTE:**

**Mounting requires use of included clamp. Failure to secure sensor in a fashion that reduces vibration will result in sensor failure.**

## Failure to secure sensor properly will cause incorrect Readings and/or will result in sensor failure

Examining the graph below;

The **blue** in the graph below graph represents a voltage reading when mounted in the correct fashion.

The **red line** in the graph below graph represents a voltage reading when mounted to a high vibration location or incorrect fashion.

