

# **NISANGER INSTRUMENTS**

## **Wiring Connections For**

### **Smiths Tachs. Converted For Use With Electronic Ignitions**

As per your request, this tachometer has been converted for use with an electronic ignition or to eliminate the **external** "Loop Kit" utilized by the Smiths RVI Series Tachometers. ***Before installing this Tachometer, check to be certain that the loop originally connected to the back of the tachometer (just the wire that ran through the plastic block) is intact and BE CERTAIN NOT TO CONNECT ANY OF THE WIRES THAT ARE PART OF THE ORIGINAL LOOP ASSEMBLY TO THIS TACHOMETER!!!*** then *install/wire the converted Tachometer as follows:*

#### **For installation with Electronic Ignitions that do not use a control box/unit and/or For Installation With an OEM Points Ignition System:**

- Extend the White Wire coming out of the Tachometer casing/housing so that it can be connected to the distributor side of the coil (- Terminal for Negative Ground, + Terminal for Positive Ground Electrical Systems). **If This Tachometer Is Being Installed For Use With a Pertronix Ignition System, The White Wire Coming From The Tachometer Casing/Housing Will Always Be Connected To The - (Neg.) Terminal Of The Coil Regardless Of The Polarity Of The Car's Electrical System.**
- Attached an ignition switched fused power lead to the spade terminal mounted to a Bakelite base located in a cutout at the back of the tachometer casing/housing.
- Attach a ground wire to a spade terminal attached to the metal casing/housing or to 1 of the threaded mounting posts.

#### **For installation with Electronic Ignitions that require a control box/unit:**

- Extend the White Wire coming out of the Tachometer casing/housing so that it can be connected to the Tachometer output port/terminal of the ignition control box/unit.
- Attached an ignition switched fused power lead to the spade terminal mounted to a Bakelite base located in a cutout at the back of the tachometer casing/housing.
- Attach a ground wire to a spade terminal attached to the metal casing/housing or to 1 of the threaded mounting posts.

If you have any questions regarding the instructions outlined above, please phone our Technical "Hot Line" weekdays between 8am & 5pm (Eastern Time) @ (914) 381-1952.