

**R-1-N1 (.1%)**  
**Operating/Installation Manual Supplement**  
**0303941**

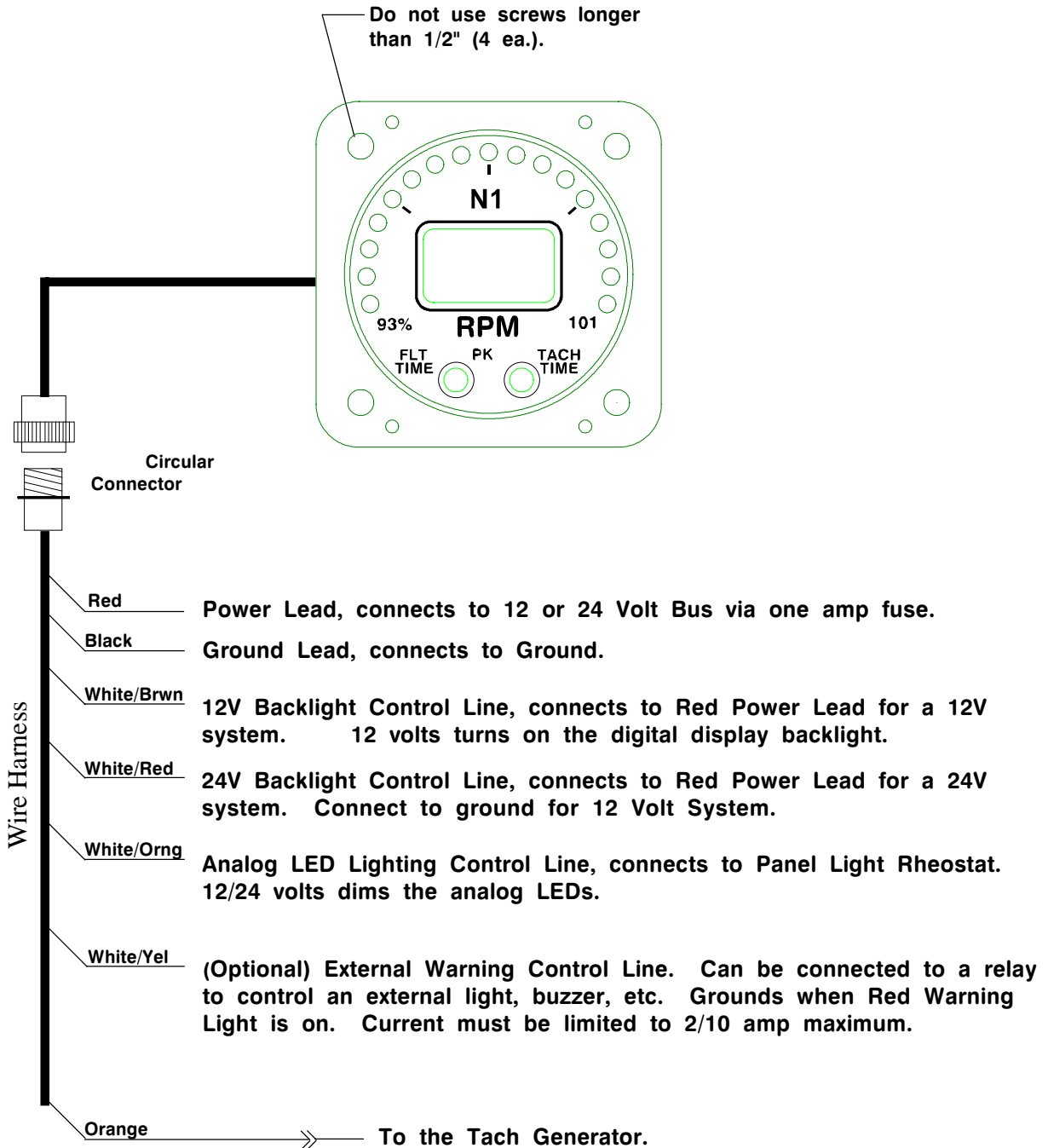
**3/3/94**  
**Rev. C 6/26/01**

- 1. Resolution - The R-1-N1 displays in .1% increments.**
- 2. Flight Timer - The Flight Timer resets and starts timing when the RPM exceeds 94% for 10 seconds. Then Flight Timer stops when the RPM drops below 94% for 10 seconds.**
- 3. Tach Timer - The Tach Timer runs for RPM's above 94%.**
- 4. Hookup - Connect the Orange lead from the unit to either terminal on the N1 Tach Generator. Do not use isolators in this lead.**
- 5. Reading below 1% will be displayed as 0%.**
- 6. The unit will trigger on a .4 Volts or higher input signal.**

# R-1-N1

## Wiring Diagram

WD 0731011



# R-1-N1

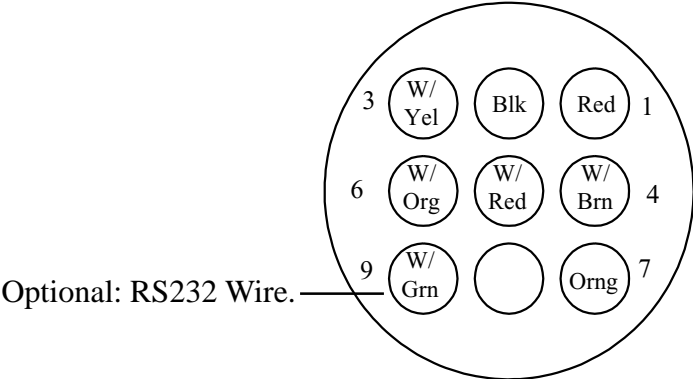
## Circular Connector

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Connecting Cable Harness, Back View (wire side)

OR

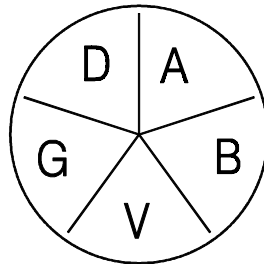
Instrument Connector, Front View



# Connecting the R-1-N1 or R-1-N2 to a Walters Tach Generator

0625011  
6/25/01

Top View  
Tach Generator Connector



1. Connect pin  $\hat{V}$  to Ground.
2. Connect pin  $\hat{A}$  to the R-1-N1 orange lead.

**Note:** Any two pins (A, B or V) may be used. Ground any one pin and connect any other to the R-1-N1 orange lead. Outputs on some Tach Generators can become intermittent causing jumpy readings. You can test the Tach Generator by using an ohmmeter and checking for 35 ohms between any two pins (A, B or V).

**Note:** Do Not Use Pins  $\hat{G}$  or  $\hat{D}$ . These pins are floating and independent of the other pins.

**Note:** The signal out of the Walters Tach Generator can be noisy. If this is the case, a .1uF disc ceramic cap placed near the Tach Generator and across the two output leads will help.



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