



**ROTAX OWNER ASSISTANCE NETWORK**

*Information Education Support*

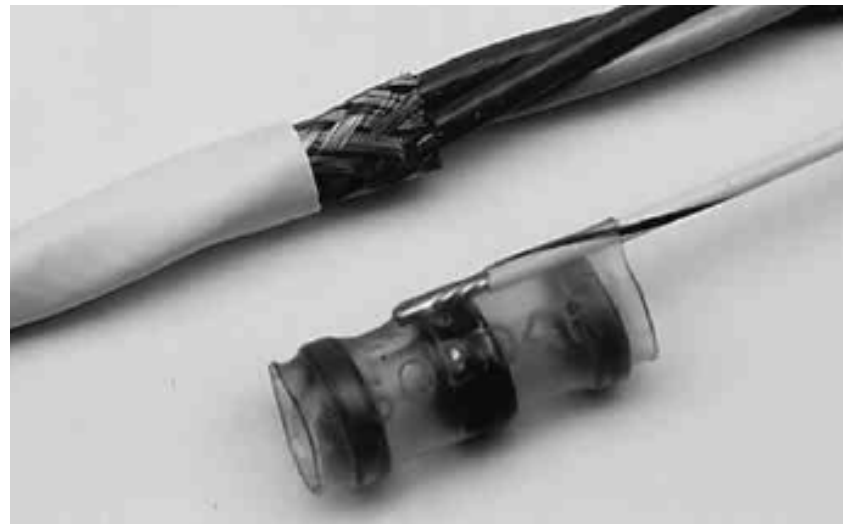
[www.rotax-owner.com](http://www.rotax-owner.com)

# Tach Troubleshooting

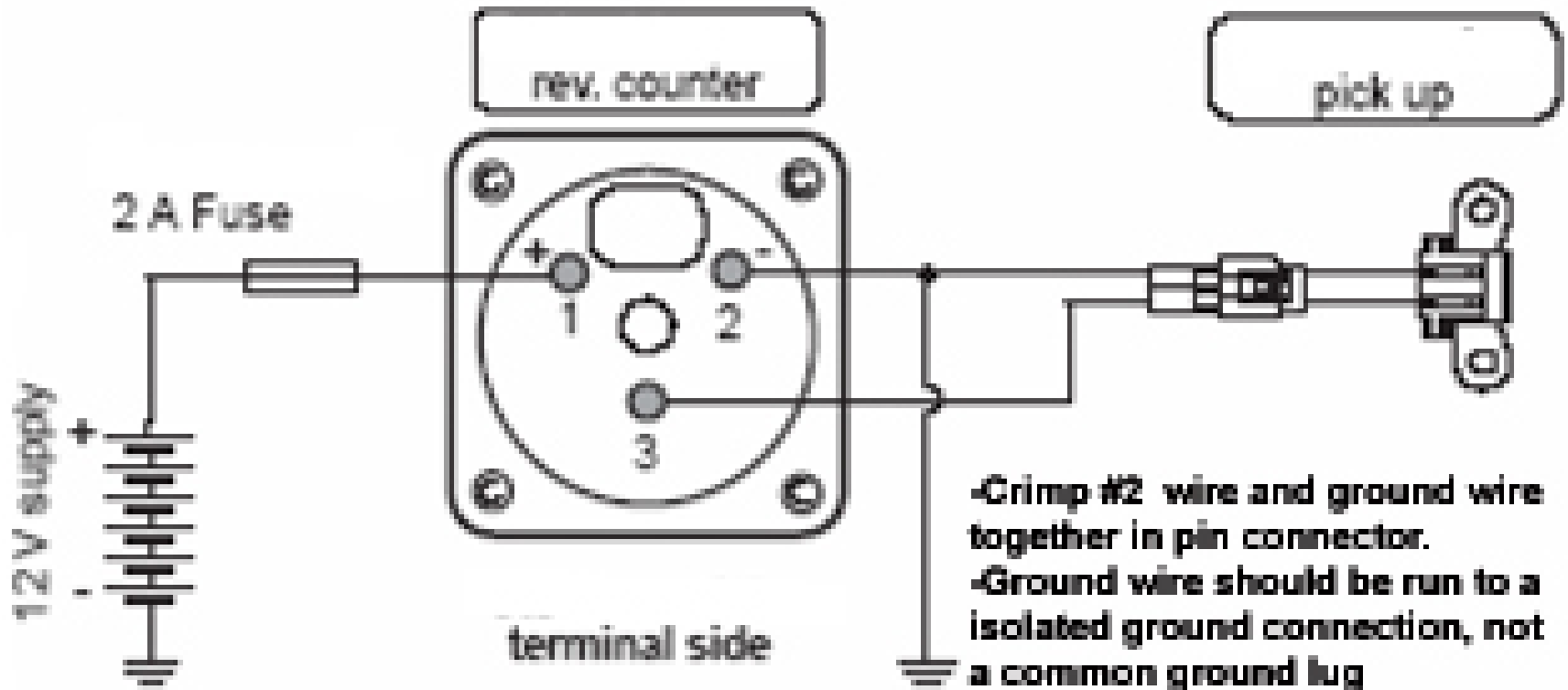
- The tach is driven by a small amount of AC voltage.
- Tach errors such as “rise in indicated RPM when one mag switched off” and “jumping needle at 5000 RPM” are mostly wiring interference issues.
- Route your tach wire separately from the wire bundle and away from ignition leads.
- Ground the tach and shielding wires separately and away from possible interference sources such as strobes, mag switches, relays, radios and other instruments.

# Shielded wire

- Use proper Mil-spec wire such as AN20S (Mil spec M27500-20TE1T14)
- Use SolderSleeves (p/n D142-50) to connect shielding to ground wire.
- Ground at panel



# Wiring Schematic



Adding a 100-200 ohm resistor to the trigger coil  
may reduce stray signals

