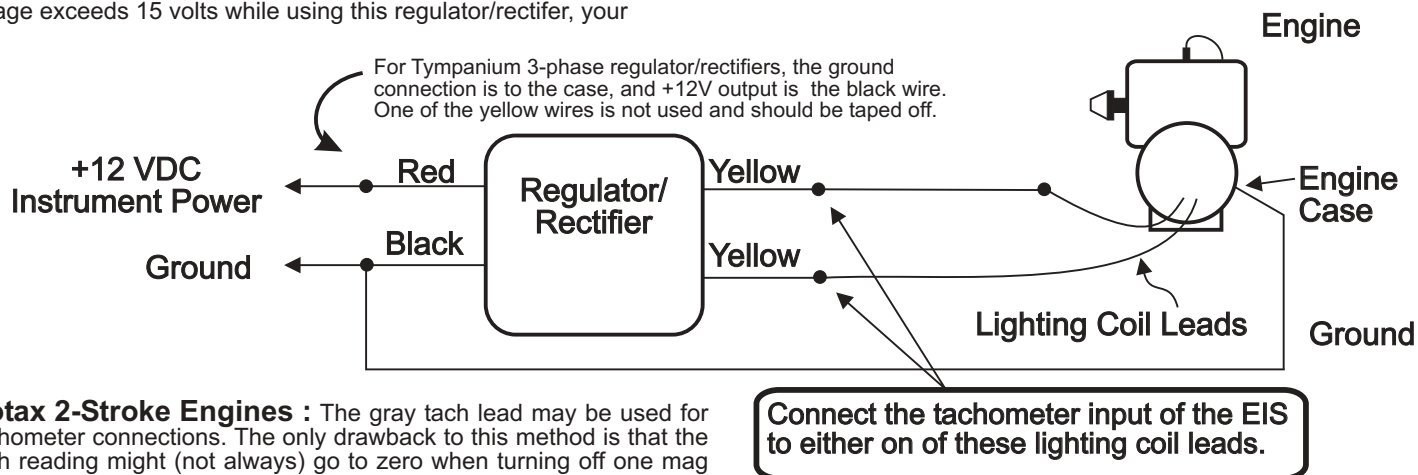


Rotax (Tymanium) Regulator/Rectifiers -- (Also applies to Jabiru, HKS, and most others not otherwise listed.) Only one of the two inputs to the regulator/rectifier will give a good tachometer reading. The incorrect lead will give a tachometer reading that decreases with engine rpm. The correct lead must be determined by trial and error.

The small Tymanium regulator rectifier (identified by its 2 yellow, 1 red and 1 black wires) often overcharges batteries. If your battery voltage exceeds 15 volts while using this regulator/rectifier, your

Making the tachometer connection is dependant on the type of

Key West Regulator/Rectifier. The gray tachometer lead must be used. The lighting coil wires may not be used as a tachometer source with this regulator/rectifier.



Rotax 2-Stroke Engines : The gray tach lead may be used for tachometer connections. The only drawback to this method is that the tach reading might (not always) go to zero when turning off one mag during the mag check, specially if the mag check is performed at low (less than 3000) RPM. . If a battery is used, tachometer connection may be made to the lighting coil as shown above to avoid loss of the tach reading during the mag check.

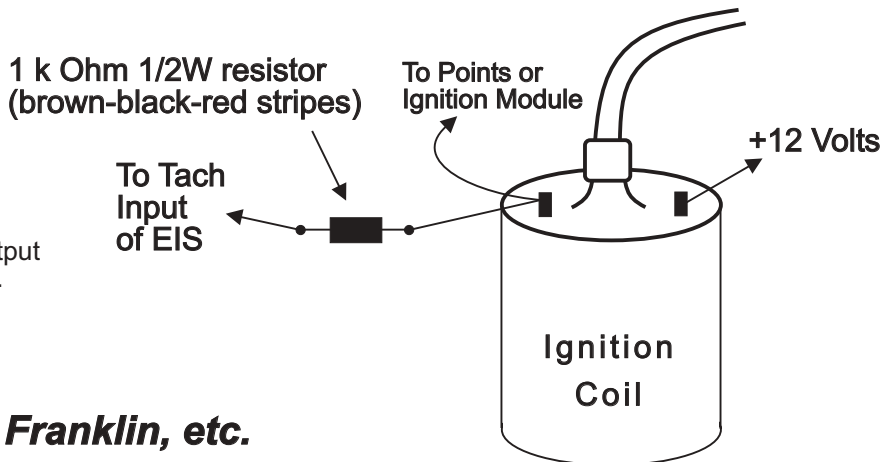
Figure 7a. Tachometer Connections to Lighting Coil Equipped Engines (Rotax, Jabiru, Hirth, Zenoah, etc.)

Electronic Ignition

Connect directly to the tach output from the ignition system. No resistor required.

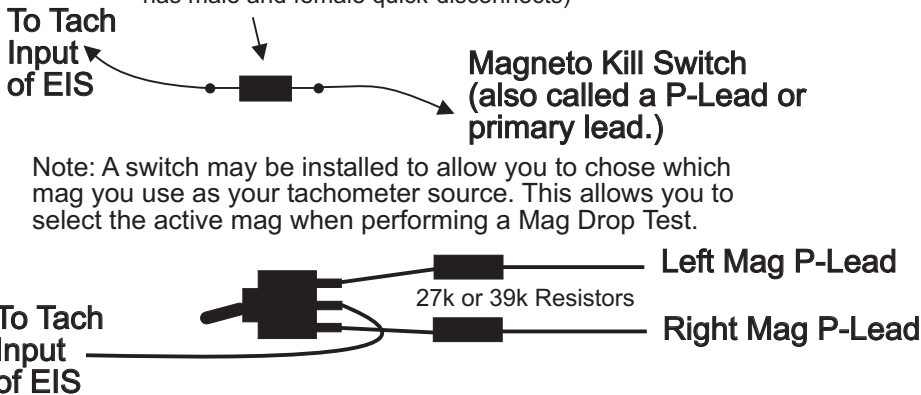
Rotax 912/914

Connect tach input to one of the two tachometer output wires. Connect the other tach output wire to ground.



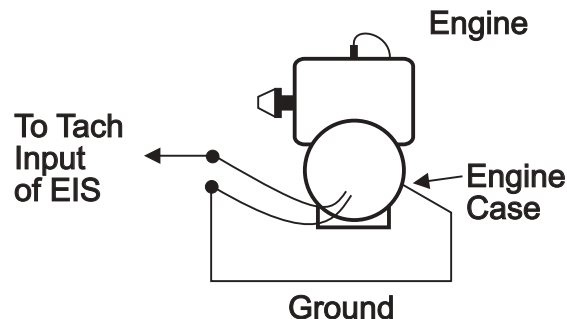
Magneto Equipped Engines such as Lycoming/Continental, Franklin, etc.

39 k Ohm 1/2W resistor (orange-white-orange stripes) or 27 k Ohm 1/2W resistor (red-violet-orange stripes) (This resistor is Included in parts pack - it is covered with black heat shrink tubing and has male and female quick-disconnects)



Note: A switch may be installed to allow you to chose which mag you use as your tachometer source. This allows you to select the active mag when performing a Mag Drop Test.

Point-Type Ignition



Spare Lighting Coil

Figure 7b. Other Tachometer Connections (Model 2000/4000/6000 EIS)