**Tachometer Pulses Per Revolution Calculation for Alternator Tacho Installation.**

To calibrate your alternator tachometer you require:

- Crankshaft Pulley Diameter mm = c
- Alternator Pulley Diameter mm = a
- Pole Pairs of Alternator = P

**Pulses Per Revolution = C X P / A**

Eg:

C=150  
A=46  
P=6  
Range = 7000

Pulses per rev = 19.56

**For a VDO WWG Tachometer Vision and International**

Switch Positions = off on off

Then calibrate using pot.

Hertz @ Full scale deflection= 7000 x C x P/ A x 60

Hertz @ FSD = 2282

Check at a lower point using a hertz meter.

**For VDO Viewline Tachometer.**

Send the Tachometer to Howard Instruments who will calibrate the tachometer using special software for you using the information that you have calculated above.