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.