

# CORRECTION FORMULA - PROGRAMMABLE TACH/HOURS

(LOW FREQUENCY MODELS)

Multiply incorrect RPM reading by the the switch setting (Full Scale Frequency), and divide the result by the actual RPM. This will give you a new Full Scale Frequency. Change the switches to the new frequency and re-test the Tach/Hourmeter.

A typical example:

Actual RPM is 2000, indicated RPM is 1800, with switches set for 208 Hz. F.S.F.

$$1800 \times 208 = 374,400$$

$$\text{Divide } 374,400 \text{ by } 2000 = 187.2$$

187.2 is the new frequency.

Refer to Figure 1 below, and the Chart in the Installation Instructions S024, and set switches 1-6 for this frequency. You may have to reset the Divide Number Switches (7-9) and/or the Filter Number Switches (11-14) as well. The Tachometer should now read correctly.

From the example above, the Chart shows:

Frequency in Hz.	Program No.	Divide No.	Filter No.
205.1 TO 208.0	100111	001	0000

Reset to:

Frequency in Hz.	Program No.	Divide No.	Filter No.
186.8 TO 189.2	100000	001	1011

