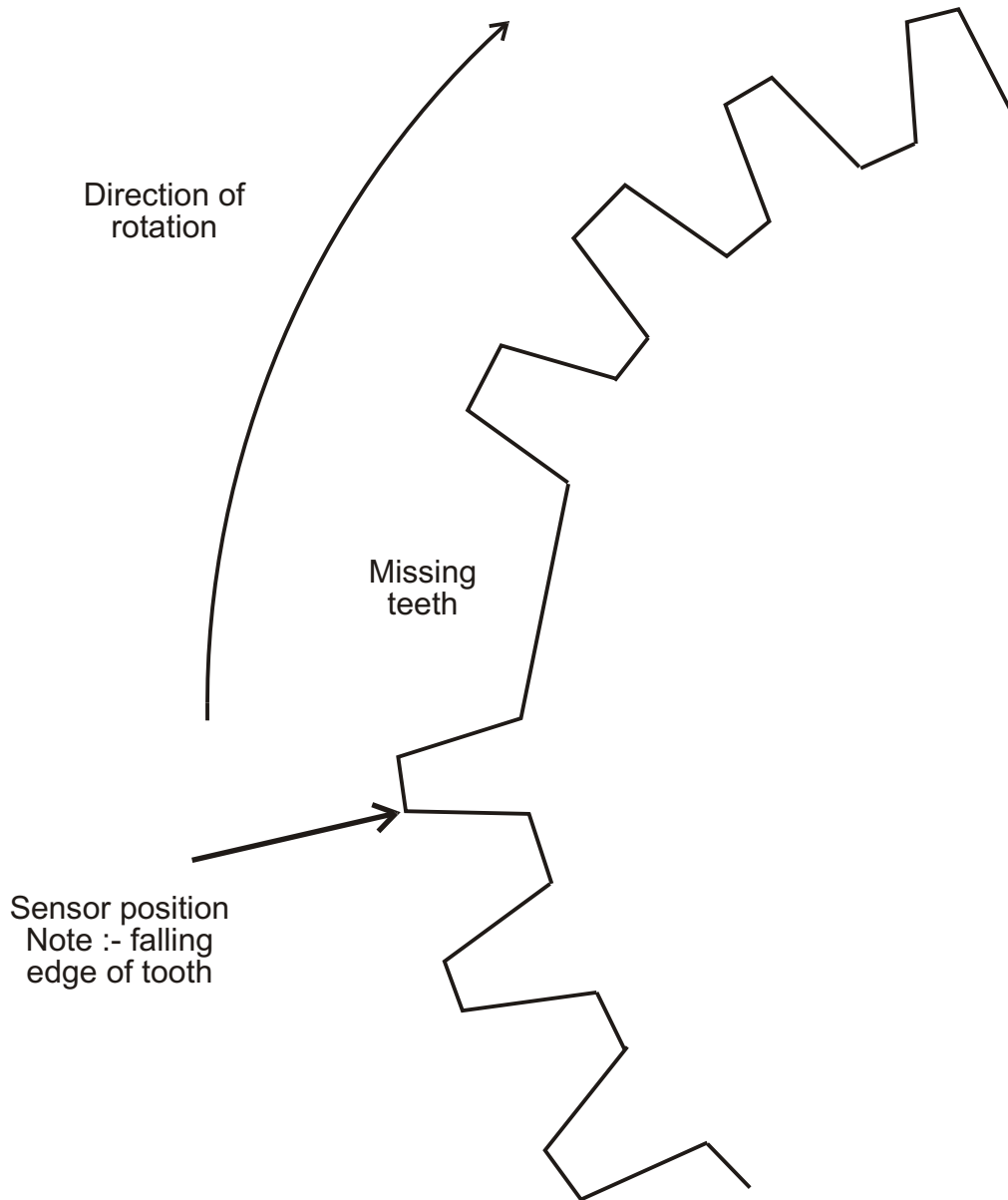


## MULTI TOOTH CRANK WHEEL SENSOR POSITION

### SENSOR GAP

138MM DIA WHEEL GAP 0.5 TO 1.0 MM  
100MM WHEEL SENSOR GAP 0.25 TO 0.7 MM  
50MM WHEEL SENSOR GAP 0.1 TO 0.2 MM



To measure the correct angle for menu option 10 position the engine with the sensor opposite the first falling edge of the tooth following the missing tooth (as illustrated above). Mark the position. Turn the engine to exactly TDC number 1 cylinder. The number of degrees you have to turn the engine is the correct figure. Remember that this angle must be at least 10 degrees more than the highest advance you wish to run and has a maximum of 160,110,80 degrees for 4,6 and 8 cylinder engines respectively.

When the engine is running use a digital strobe light to measure the advance. Check this against the figure the system thinks it is using (say from dyno mode). If they do not agree make adjustments to the sensor position in option 10 until they do agree. This can be done whilst the engine is running.

Note also that unless you are using a specially modified strobe then the light will read twice the real advance when running distributor less i.e. if the strobe light says 50 degrees the real advance is 25 degrees!