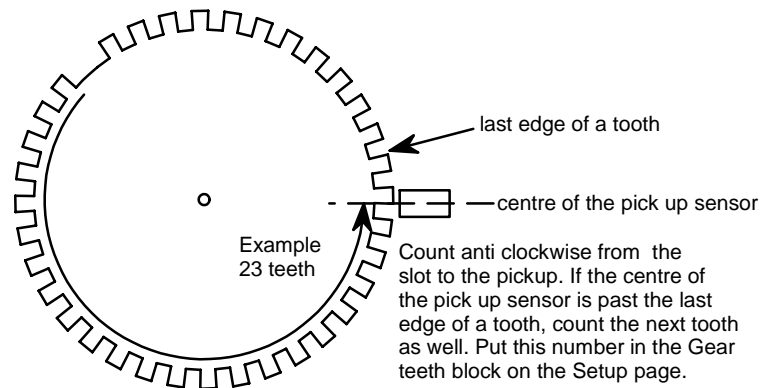
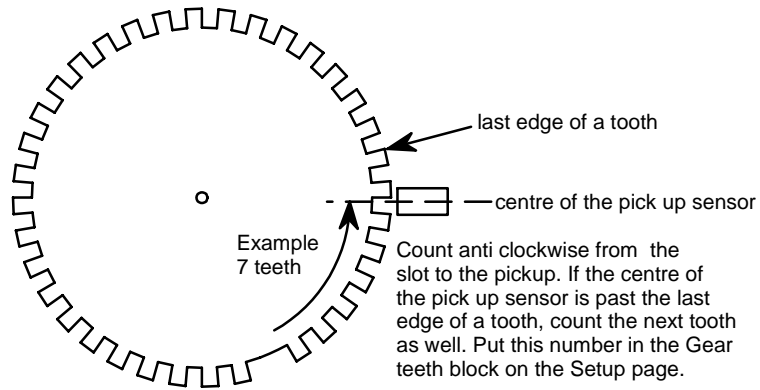


Gear Teeth Setup 4 Cylinder

Last Changed: 30/08/2010

Drawing Ver: 1.0



In this example the slot is past the half of the gear. This means that the ECU will fire on coil 2 first and then on coil 1. This setting will be 23 teeth - 18 teeth = 5 teeth and then about 5 degrees for the BTDC setting. For a 60-2 gear the subtract value is 30 instead of 18. Next you must change the wiring of the coils and injectors. Coil 1&4 trigger must go to driver no 2 and Coil 2&3 trigger must go to driver no 1. The same goes for the injectors. Injector 1&4 go to driver no 2 and 2&3 go to driver no 1.

Note!

If you mount a custom gear on the engine, always try to go for the setting in Figure No 1. For a 36-1 gear put it on 7 teeth and a 60-2 gear put it on 10 teeth. Never end with sensor in the slot were the tooth is missing when that cylinder is on its TDC. The position is not critical because it can be fine tuned afterwards. Remember in all these drawings the gear turn clockwise.