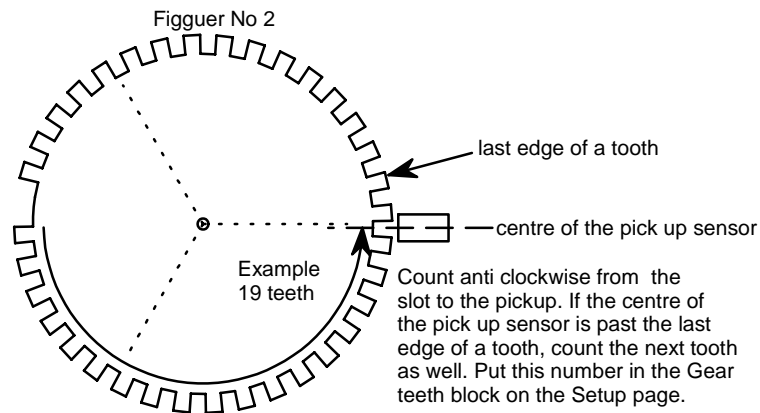
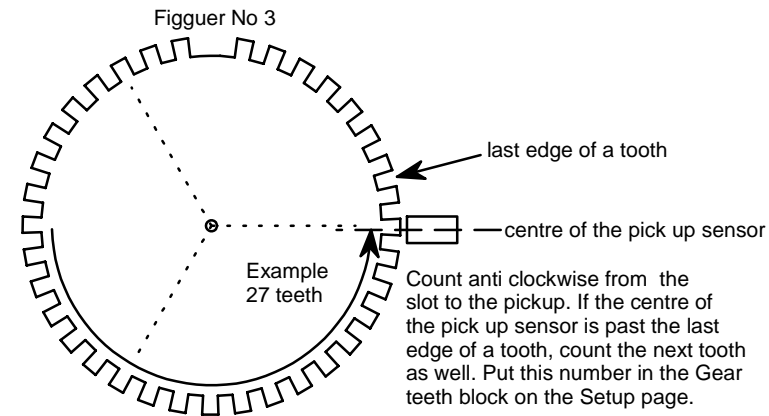
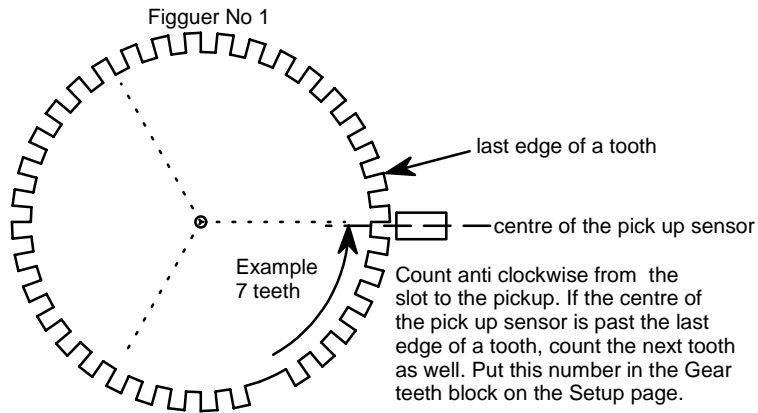


Gear Teeth Setup 6 Cylinder

Last Changed: 30/08/2010

Drawing Ver: 1.0



In this example the slot is past a third of the gear. This means that the ECU will fire on coil 3 first, then on coil 1 and then on coil 2. This setting will be 19 teeth - 12 teeth = 7 teeth and then about 6 degrees for the BTDC setting. For a 60-2 gear the subtract value is 20 instead of 12. Next you must change the wiring of the coils and injectors. Coil 1&4 trigger must go to driver no 2 and Coil 2&5 trigger must go to driver no 3 and Coil 3&6 trigger must go to driver no 1. The same goes for the injectors. Injector 1&4 go to driver no 2, 2&5 go to driver no 3 and 3&6 go to driver no 1.

In this example the slot is past two thirds of the gear. This means that the ECU will fire on coil 2 first, then on coil 3 and then on coil 1. This setting will be 27 teeth - 24 teeth = 3 teeth and then about 3 degrees for the BTDC setting. For a 60-2 gear the subtract value is 40 instead of 24. Next you must change the wiring of the coils and injectors. Coil 1&4 trigger must go to driver no 3 and Coil 2&5 trigger must go to driver no 1 and Coil 3&6 trigger must go to driver no 2. The same goes for the injectors. Injector 1&4 go to driver no 3, 2&5 go to driver no 1 and 3&6 go to driver no 2.

Note!

If you mount a custom gear on the engine, always try to go for the setting in Figgure 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.