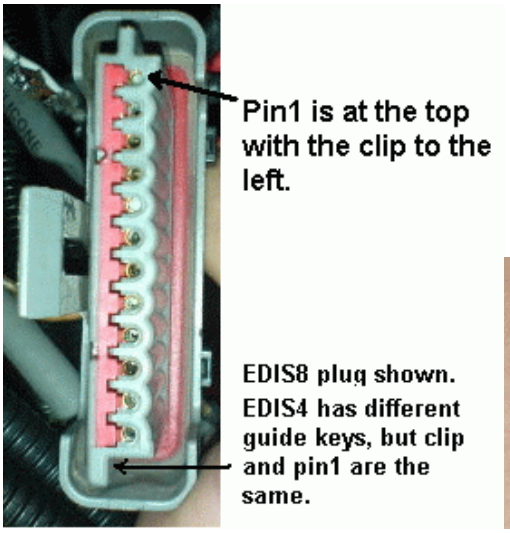
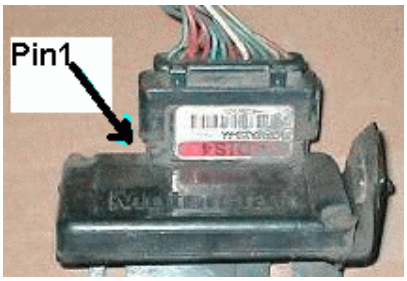
www.ExtraEFI.co.uk

EDIS 12pin Module Setup Instructions

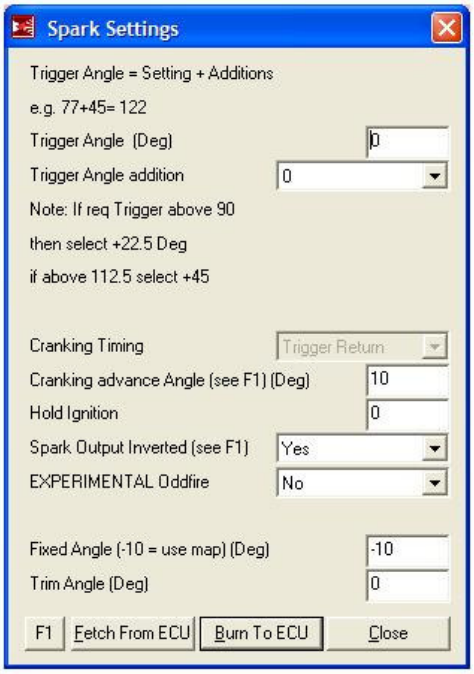
MS1-Extra and MS2-Extra



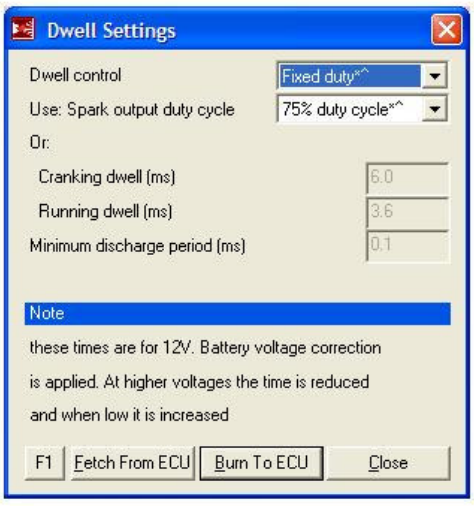


MegaTune Settings for **MS1-Extra**:

Spark - Spark Settings

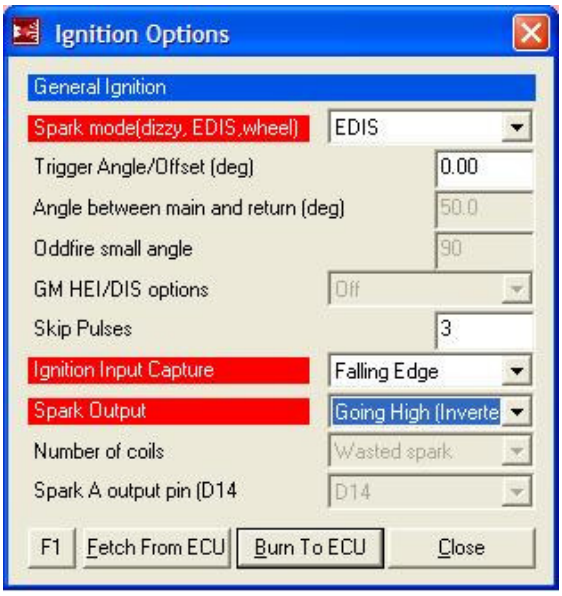


Spark - Dwell Settings



MegaTune Settings for **MS2-Extra**:

Basic Setup - Tacho Input/Ignition settings



Fitting the VR Sensor and the 36-1 wheel:

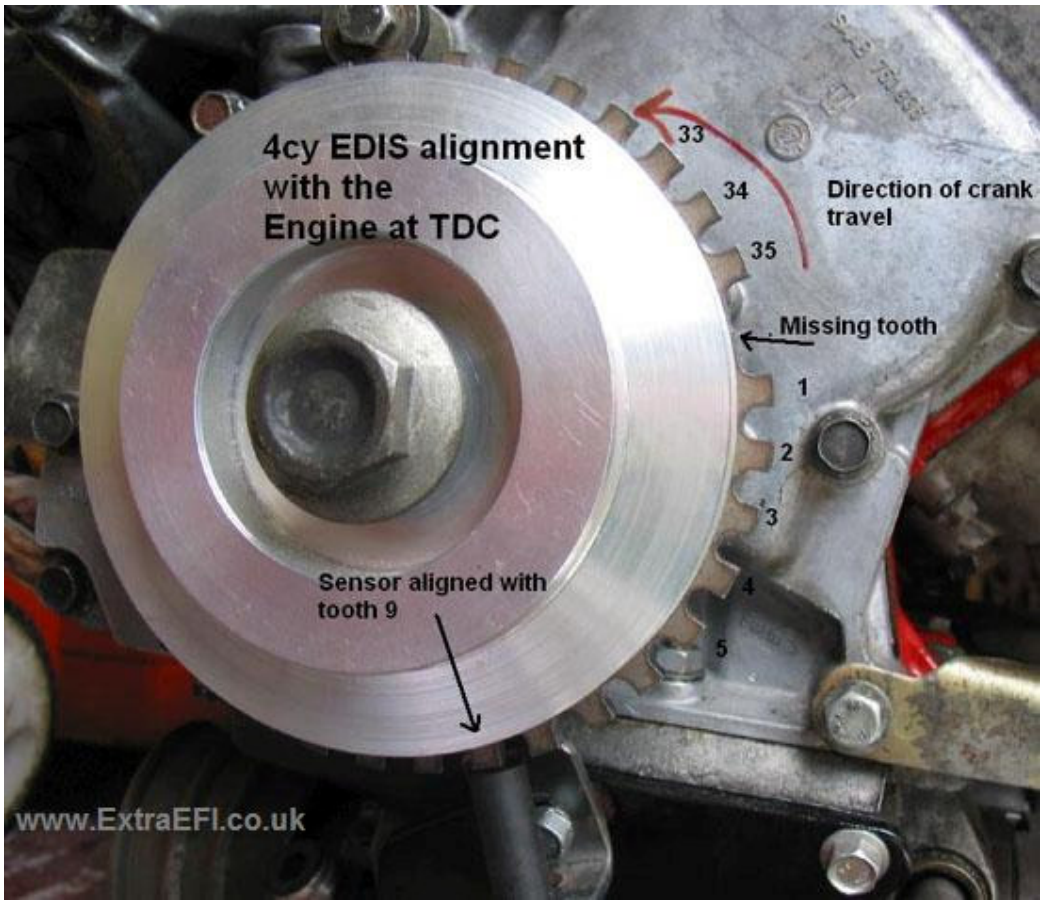
Assuming you have obtained a suitable 36-1 wheel, you need to establish the correct relationship between the VR sensor and disc.
There are two methods to visualise the relationship with the same outcome.
SPECIFIC-ANGLE is defined as follows: EDIS4=90, EDIS6=60, EDIS8=50

EITHER
1) Turn your engine to SPECIFIC-ANGLE degrees before TDC (check direction of rotation!). Mount the VR sensor wherever is convenient and mount trigger disc so that the centre of the sensor aligns with the centre of the missing tooth.

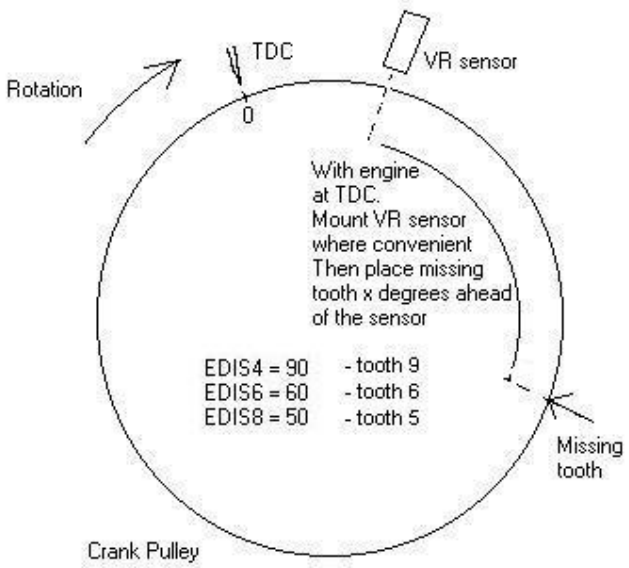
OR
2) Set your engine at TDC, then put the missing tooth either 9, 6 or 5 (depending on no. cylinders) teeth in front of the sensor. **(Count from missing tooth in opposite direction of rotation)** This will put the centre of a tooth central to the sensor.

i.e. EDIS4 = 9 teeth, EDIS6 = 6 teeth, EDIS8 = 5 teeth ***(Ensure you know the direction of rotation for your engine)***

Direction of rotation for this example is Anti-Clockwise for below



Direction of rotation for this example is Clockwise for below



To test this alignment it is best to run the EDIS in limp home mode. This can be achieved by disconnecting the SAW wire from the MS ECU going to the 12pin Module. Fit your strobe onto no.1 plug lead as normal (you may need to try the other tower of the pair). Ensure EDIS still has power and crank your engine, check that the timing is exactly 10deg. If not, adjust your sensor until it is. It is safe to idle the engine with the SAW lead disconnected, timing should be rock solid at 10BTDC. Don't forget to reconnect the wire when done!