



CLOSE - UP on

**Expert Tuning**  
Maximises Power and Economy

a CR6 Magazine feature

I have just made the most amazing and mind blowing discovery - where to get a new car for under £300!

Well, alright, it isn't exactly new and it does bear a passing resemblance to my dear old 9<sup>3/4</sup> year old Volkswagen Golf GT TDI..... OK it is my old Volkswagen Golf GT TDI but it now drives like a new car, but with all the old familiar features and comforts (the heated seats are just as warming on a cold and frosty morning!)

What has brought about this miraculous transformation? A very nice man called Paul, his company called Expert Tuning, a very small notebook computer and some very sophisticated software.

My little Golf has been a fantastic workhorse but when a friend told me about Paul and his magic box of tricks I decided to give it a try.



The first thing Paul did was to hook up his computer to the diagnostic socket on the car and ran a full diagnostic check, just to make sure all was in order before he started. he explained that this type of check would normally cost approximately £70 at a main dealership, but he does it completely free of charge.

Having satisfied himself that all was OK, Paul then downloaded the manufacturers settings and told me that those original settings would be safely stored, if ever needed to be restored. He went on to tell me that all modern cars have an Engine Control Unit, which is effectively a computer with software, just like a PC.

Having downloaded the settings they were then emailed off to the European HQ of Paul's company, analysed, re-set to give maximum power combined with economy and then e-mailed back and uploaded.



Paul had pre-warned me that the car's Brake Horsepower (BHP) output would be going from 105BHP to 145BHP and I had notified my insurance company, who then charged me a modest £23 for the increase in power. The difference was immediately noticeable, with tremendously improved acceleration and greater mid range torque through the gears - I no longer have to change down to second gear to get round the top bend on Succombes Hill!

On my first tankful of diesel I have managed to travel 55 miles more than usual and so it looks like a really good all round increase in both power and fuel consumption.

Which of course begs the question why don't the manufacturers tune it that way in the first place?

Paul told me that it is mainly done for basic marketing reasons and they hold back the potential of most cars, deliberately.

He went on to explain the most beneficial area is for people who tow caravans or boats, or other large loads, since his ECU remapping releases the power to remove the need for constant gear change changing, which greatly assists the benefit of greater fuel economy and more relaxed driving while towing. It also lowers CO<sup>2</sup> emissions, helping to reduce your carbon footprint.

The whole process took less than one hour and the results are absolutely fantastic and most definitely worthwhile having done.

If you would like to get more out of your car, without lifting the bonnet, give Paul a call on 07525 479932