

# Zensport Ltd

## ECU Remapping Facts

### 5 THINGS A REPUTABLE REMAPPING COMPANY WILL DO...

1. - ensure your car is in a fit enough condition to be remapped by running diagnostics and road tests.
2. - check your car ecu to see if it has already been modified in the past.
3. - increase the power to within safe manufacturer limits and NOT increase power for the sake of boasting BHP figures.
4. - return your car to standard without charge at the time of the remap, if you are not happy with the results.
5. - keep your original ecu calibration in case you need the car to be returned to standard in future.

### 5 THINGS YOU SHOULD KNOW WHEN SELECTING A REMAPPING COMPANY TO REMAP YOUR CAR...

- An investment of many thousands of pounds is required just for the correct equipment to remap a car safely. More investment is required to keep the equipment up to date and also to maintain premises etc. Many people offering remapping use a £5 CD available on the internet plus a laptop and a little van!
  - It takes years of training and experience to correctly re-tune a car. Professional technicians then have to keep abreast of new modifications to all makes and models and also new technology.
  - It is of utmost importance that good commercial insurance cover is in place to cover not only workmanship but also protection while you leave your car with the remapping company and when it is driven by them.
  - Should anything go wrong, you need to be able to locate and contact your remapping company in order to get the problem resolved. A mobile chap with only a mobile phone number may not be that easy to track down!
  - Having your car remapped by an amateur or someone who is not sufficiently qualified and/or does not have the right equipment may DECREASE performance and INCREASE fuel usage, as well as damaging the configuration of your engine.
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## **THE HIDDEN DANGERS OF DIESEL TUNING AND REMAPPING**

A few things to consider before purchasing a remap. Having been in the business of recalibrating O.E. Engine management systems for many years, we have been watching the market change with a mixture of disappointment and dismay. It is an unfortunate fact of life now that there are many products on the market that give anyone with a little computer knowledge, access to the engine run calibration stored within a vehicle's ECU.

This was always going to happen as all manufacturers now allow ECU recalibrating via computer so that faults can be ironed out at dealer level and options can be added to the car without factory intervention.

The problem is, you can easily go online and buy yourself a relatively cheap tuning and remapping programmer that will both read and write the file in your engine management system, which means if you had the means and know how to edit it, you could alter the way the engine runs. This is where the problems have started to arise as not only can you buy the hardware, you can also buy files on a CD that claim to offer the same as the professionals do. These CD's often have some 10,000 modified ECU's files on them and all for only £5. Does that price sound like a professional has made them to you?

Generally speaking, these files have been stolen from one or another company over the years and been compiled onto a CD. Are the files good? Nobody knows! Will they damage your engine? Well, we sure won't be finding out as we wouldn't dare use one on your expensive car, but sadly lots of people do just that and the manufacturers are selling replacement ECU's, engine's and transmission's like hot cakes as a result!

## **WHY THE BIG DIFFERENCE IN THE PRICE OF A REMAP WHEN THE ADVERTISED RESULTS ARE SO SIMILAR?**

The quick answer is that not all remaps are the same...as always, in general you get what you pay for!

The reason for the drop in price of a remap from some people is owing to the number of companies that have suddenly popped up claiming to be experts at remapping engine management systems. It is usually quite easy to spot them, for a start all their marketing will be about maximum BHP for minimum £'s – Just start asking some searching questions about how the maps work and you will soon find out if you are talking to a man who knows a little bit about computers, or if you are talking to an industry professional.

An industry professional will have a thorough understanding of his profession and calibrate the file for your particular car and your individual needs, as a result he can tweak it to perfection, ensuring all security and safety is maintained. Every industry is the same really, if people can make an easy buck, they will and its always at the end users cost.

We feel it was worthwhile to prepare this guide in order to give you the information you need to make an informed decision. To make you aware of what is involved and what you should be looking out for when choosing your remapping company. As a rule of thumb if you see prices below a minimum of £200, you will probably be wise to walk away.

We hope you found this information useful. If you need further advice or assistance please call us on 01376 335947.

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