

Did you know, when you buy a truck, it is common that you are only actually getting about 50% - 70% of the engines capabilities? The good news is that the restrictions placed on your engine can be removed. We offer you the chance to unleash the true potential of your engine.

The result?

- Up to 35% improved performance
- Up to 30% improved fuel economy
- Use less Adblue
- Lower CO2 emissions
- Reduced engine and gearbox wear
- Better driveability
- Ability to pull more weight
- Quicker transportation times

Is this safe?

Yes, this is completely safe. We are not trying to add performance to engines which they are not capable of producing. This is performance that is already there, and we can de-restrict it. Engines are down-tuned by manufacturers by as much as 50% for a variety of reasons such as marketing, global climates, fuel qualities, emissions standards, tax categories, insurance brackets and more.

How will this save fuel?

Trucks are working every day, pulling heavy weight from A to B as much as 24 hours a day. When the engine is working hard it burns a lot of fuel. By increasing the amount of torque delivered from the engine especially in the lower rpm, the power to weight ratio for the truck increases. The greater the power to weight ratio is the less the engine has to work in order to pull the same amount of weight thus saving fuel. It allows the truck to achieve a constant cruising speed quicker; requiring fewer gear changes and consistently lower RPM's which all results in fuel savings as much as 30%.

Think of it like this. Imagine a long distance runner and a weight lifter have a race to see who can run the furthest distance without having to stop and refuel. Of course, the weight lifter will run out of energy first while the runner will go all day. Now, imagine the same two athletes race again, except this time they must carry a 100kg bag of rocks on their back, uphill! Who do you think will run out of energy first this time, the guy with more pulling power or the guy with less?

Why don't manufacturers do it?

The simple answer is they do! When you are looking to buy a new truck, but can't decide if you want a 400hp, 450hp or a 500hp model, ask the question 'what are the differences in each engine?' You might be surprised to find that the engines are often identical! Not a single component is different.

So where does the power come from? The simple answer is, the amount of fuel the engine is allowed to receive. This is done through software in the ECU which controls the amount of fuel and power output the engine can produce. Now, in order to sell different models at varied price ranges without having to keep designing new engines at a huge cost, the software in the ECU can be adjusted instead. The badge on the front will be changed also!!



TWO FORMS OF TUNING ECM MODULE OR REMAP

ECM Tuning Module

We can make changes to the engine without altering the original software of the ECU. Our ECM tuning module includes an OEM fit wiring harness which connects directly to the original Injection system jack plugs on the engine or ECU without the need to modify any of the vehicles wiring, meaning it can simply be removed without any trace or footprint left behind. This module also allows us to tune the truck live on the road. This enables us to take into account driver behaviour, load conditions, road conditions etc. in order to achieve the best possible results.



If you decide to sell your truck, this system can also be transferred to another vehicle and reprogrammed so you don't have to purchase another module or remap in the future.

The system is also adjustable, allowing the customer to alter the power delivery to suit their requirements.

Remapping

Remapping refers to a process where we read out the software from the ECU (brain of the vehicle), modify the software parameters then reprogram the new software back into the ECU. The performance gains are instant. The original setup is always saved in case you ever decided to put your truck back to standard. We always work within the safety parameters of the engine, and make no mechanical or pressure changes so reliability is never compromised.



How can you enhance your vehicle?

Contact us today and we can discuss your vehicle, and the best option suited to you. We will assess your vehicle and provide a quotation free of charge.

We provide a mobile service and carry out work on site for your convenience.

All of our work is backed up with a lifetime software warranty, and 30 day trial period.

If you, the customer, are not 100% delighted with our service, then we will not only restore your vehicle back to original but also refund your money in full. This is our guarantee.

