

Frequently Asked Questions

What makes this unit any different to other similar products on the marketplace?

Whilst this unit can, like the others be supplied by courier and DIY fitted the key is that by using one of our installers, if you have a Common Rail Engine, you can have the box personalised to your driving style and requirements (within the vehicle tolerance limits). The **DPT** is a Dutch engineered and manufactured product. All our installers have direct access to the designers and manufacturers of the system. The manufacturer has a pedigree in developing excellence in Diesel performance. This pedigree extends to Formula 1 and Formula 3000. In the Netherlands these units have been approved by Mercedes Benz who allow many of their Dutch dealerships to fit these units.

Why should I use one of your installers?

There are many products similar to this on the marketplace, one of the key issues with the **DPT** is that all Common Rail units can be tailored to suit your personal driving style or what you would like to get from your vehicle (within your vehicles tolerance limits) this can only be achieved by visiting one of our installers. If you buy as a plug & play you get a great unit at excellent value for money, but you only get the personalisation by visiting one of our installers. Also all our installers are Diesel specialists who can provide excellent advice on how to achieve the best from your vehicle dependent upon what you wish to achieve based upon your driving requirements.

Will the unit nullify my vehicle warranty?

No, it only affects the vehicle engine. It is not even an engine modification. It is a retrofit that can be switched off, it does not compromise the integrity of the vehicle. In the Netherlands where the units were designed and are manufactured Mercedes Benz have authorised many of their franchised dealerships to fit these units in their Mercedes Benz workshops.

What effect does the unit have on my vehicle emissions?

Increased torque results in lower fuel demand/consumption and consequently lower emissions.

What effect will the unit have upon my fuel consumption?

Increased torque means driving will require fewer gear changes and result in lower fuel consumption, typically a 5-10% improvement can be expected. Coupled with a high flow air filter and a fuel treatment the benefit will be enhanced further.

Does the **DPT** have any detrimental effect upon my engine?

No, the unit simply enables your engine to develop more power & torque, which are contained within the Vehicle Manufacturers tolerance levels so there is absolutely no possibility of damaging your engine.

Does the unit interfere with or reprogramme my ECU?

No the **DPT** connects between the original ECU and the injection system of your car. The **DPT** intercepts the data coming from the original unit, re-calculates and optimises the data before sending the modified parameters to the pump.

What warranty is provided with the **DPT**?

2 years, each unit has a unique serial number and a warranty form, which should be returned to the address on the card to register the warranty.

DPT tuning boxes are manufactured in Europe to the highest and most exacting component standards and are approved for use by many Mercedes Benz official dealerships*. We offer a 2 year guarantee on all tuning boxes.

Key Benefits are:-

- Increases BHP & Torque.
- Improve fuel economy.
- Digital Technology.
- Does not interfere with ECU.
- Simple installation.
- Programmable Common Rail Units.
- Engineered in Europe.

For more information visit our website www.dieselpowertuning.co.uk or contact your local distributor.

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Diesel Technology

In 1991, just 15 percent of the new cars registered in western Europe were diesel-powered. Now the figure is nearly 40 percent and rising. This increase is not only a function of cheaper pump prices and lower fuel consumption. Diesel has managed to shake off its "tractor image" and become faster, quieter and quicker out of the blocks.

Modern diesel cars are a true pleasure to drive, and their high performance and high technology engines are fitted with efficient fuel injection systems so are kind both to the environment and your pocket. By 2008, half of all new vehicles registered in western Europe are expected to be diesel-driven.

Programmable Units*

The DPT unit can be tailored to various driving styles and functions this facility is only available via your local installer. By adjusting various parameters via specialist software power and torque increases can be specifically mapped to each individual vehicle, this allows for your vehicle to be set up to your individual driving style. This is explained briefly over the page. Contact your installer for more information regarding this.

*Common Rail systems only at present.

Fleet/High mileage user



A fleet/high mileage user can achieve less fuel consumption caused by a more efficient combustion. In most cases a saving of up to 10% is possible which makes it ideal for fleet users or high mileage users as the DPT unit will pay for itself in a short period of time.

Performance Driver



A Performance orientated driver will notice better acceleration and or a higher top speed of the car and will in most fitted applications literally 'feel the difference'.

Caravaner / Towing Driver



DPT will benefit a caravan or a regular tow bar user with more torque (pulling power). The results will be noticed as driving up hills without changing down a gear or two, more acceleration, and more top end speed. DPT is available for many motorhomes too. Please enquire for details.

How does it work?

The modern diesel engine relies on many sensors within the engines control system which determines how the diesel engine performs and alter it's parameters to suit certain operating conditions such as idle, full throttle heavy load etc.

The principle behind the tuning box is to intercept the signal between the ECU and injection system. In basic terms it allows more fuel to be injected into the cylinders, when required, which in turn produces more power and torque.

The DPT unit is a high quality digital system which is engineered in Europe. The module incorporates a modern RISC microprocessor. Unlike many analogue systems which crudely overfuel throughout the entire rev-range the DPT is specifically mapped and calibrated for each application.

Why don't the manufacturers do this?

You may have wondered why a manufacturer can have the same engine in different models but they can have different power outputs. This is not due to engine mechanics as they are usually built to the same standard, but is down to the software installed on the ECU which governs the engines power output. Manufacturers do this because of strict emission regulations and Tax bands especially for company car drivers. Many countries around the world relate their tax levels to the KW/BHP output of a vehicle.

Improved Power & Fuel Economy

Once the DPT unit has been fitted the effects will be felt immediately. With up to 30% more power and torque available, driving your diesel car will be a whole different experience. DPT can improve fuel economy which means more miles to the gallon (MPG) and with rising fuel prices in the UK this is now an important factor. This is possible because the torque characteristics of the engine change and become fundamentally more elastic, therefore you can drive in town with fewer gear changes. (a high number of gear changes means continuously accelerating and braking which uses more fuel).

Higher Torque = Lower RPM = Lower Fuel Consumption

More Power & Torque

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More MPG