

DPF/Fap Filter Removal



In recent years, automotive systems have advanced significantly and tasks which were once simple to do on your own, have become a job only for the experts. Such is the task of removing a DPF (Diesel Particulate Filter) from your exhaust system.

So what's is involved in DPF removal?



It's a two part process starting with some hardware removal ?

- First of all, the DPF hardware, in particular the contents of the filter known as a "brick" needs to be removed from the exhaust system and this can be achieved via two methods;
- a replacement pipe can be fitted (only available on some vehicles) or
- the current DPF pipe can be modified by removing the DPF brick from the inside. Both of these methods are permanent and tested.

The DPF filter/brick itself



**The DPF filter once
The contents have been
removed.**

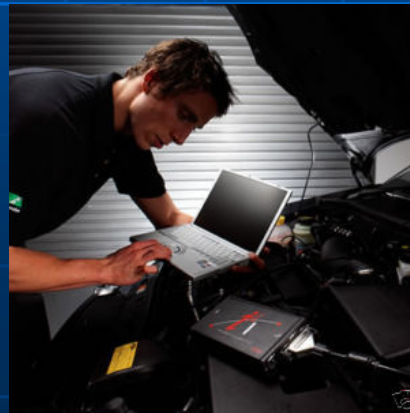


**The DPF Filter
re-welded
to be re-fitted.**



Now that the DPF is gone, we have to disable the DPF function in the vehicles ECU

- The vehicles operating software needs to be removed/disabled from the ECU of the vehicle so that the **active and passive regeneration cycles**, and any other DPF functions are no longer in operation. This can be done via removing the ECU and programming it on the bench, via OBD programming and sometimes by fitting specialist devices to the vehicle. In most cases this also incorporates a sophisticated remap resulting in substantial gains in bhp, torque & economy.



Why should I remove my DPF?

Previous problems.....

If you have had previous problems with the DPF on your car, then complete removal of the DPF will eliminate these problems.

More power & torque.....

The DPF is a large obstruction in the exhaust system of your car and removing it can release more power and torque.

More fuel economy.....

The DPF is a large obstruction in the exhaust system of your car and removing it can increase fuel economy by up to 20%.

Prevent future problems.....

The DPF is a complex system and removing the DPF from your car can help prevent problems in the future.

Avoid expensive repairs.....

DPFs often cost in the region of £1,500 to replace and some in excess of £3000 when additional items are considered such as replacement sensors, e.g. Lambda sensor £404 plus vat Mazda, Temperature sensor £435 plus each....3 on a Mazda turbo diesel !!!) labour and ECU re-programming. Choosing to completely remove the DPF system from your car can save you money and simply makes sense, and will not effect your MOT.