

Eminox® Total Service Solutions

Maintaining emissions systems for optimum performance



Diesel Particulate Filter Servicing Options

Eminox CRT® and FBC diesel particulate filter (DPF) systems are designed to regenerate themselves during normal operation but periodic servicing is required. To minimise vehicle downtime, there are a range of options for servicing your filter.

Eminox Mobile Service: One of our qualified technicians will come to your premises* remove the filter from your DPF system and replace with a reconditioned filter.

Eminox While You Wait Service: Arrange to bring your vehicle to one of our branches where qualified technicians will remove the filter from your DPF system, clean and inspect, then refit your filter.

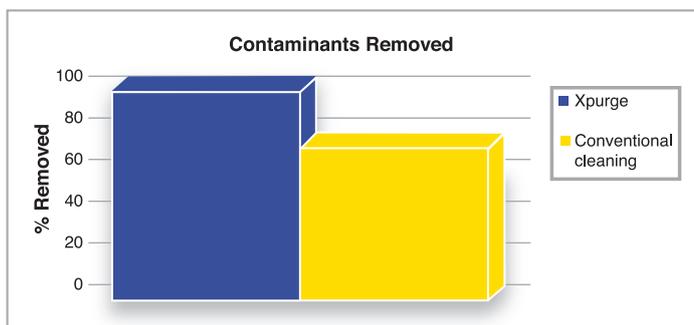
Eminox Branch Express Service: Arrange to bring your vehicle to one of our branches where qualified technicians will remove the filter from your DPF system and replace with a reconditioned filter.

Self Exchange: We will send you a reconditioned filter and gaskets so you can exchange the filter in your DPF system yourself. Provided you return the used filter to us in a serviceable condition, you only pay for filter reconditioning.

Diesel Particulate Filter Servicing Process

We use the Xpurge® process, based on patented technology capable of removing more ash and particulate matter from filters than conventional filter cleaning systems. The highly effective process can restore a blocked filter to good as new condition, so it can last longer between services.

Sometimes filters that look clean on the surface can be damaged or blocked internally. We use the unique Veritex® inspection process to provide a picture of the internal condition of the filter and prove it is clean throughout. All Eminox reconditioned filters are inspected and guaranteed for 1 year.



When we service your filter (excluding self exchange) we will also carry out a basic system inspection, or you can have a full health check at a discounted rate.

* Subject to suitable facilities being available on site.



Health Checks

A health check is advised to identify any maintenance issues prior to an annual test. Our health check includes a smoke test to identify any elevated particulate matter emissions and a filter check. The complete DPF and pipe work are also checked for any physical damage or wear and tear that could affect the performance of the DPF.

Troubleshooting

If you have unusually short service intervals for your diesel particulate filter, this could indicate a problem elsewhere on the system or vehicle. Our troubleshooting tools and expertise can help to identify such problems. This can also help if you acquire a vehicle with an older DPF that may have been poorly maintained, or if the use of the vehicle has changed.

ESI/ECU download and interpretation: -The ESI or ECU fitted with Eminox systems records backpressure and stores this data. Our experienced engineers can analyse this information to advise on likely causes and solutions.

Catalyst testing: -The catalyst component of a DPF can be damaged by poisoning (for example sulphur poisoning) major engine failures or by physical damage to the exhaust system. This damage may not be apparent but reduced catalyst activity limits the DPF system's ability to regenerate and can result in frequent blocking of filters.

Our specialist catalyst testing equipment can check the activity level of a catalyst to identify any problems, this testing can be carried out at your premises or at one of our service centres. If required, replacement catalyst sections are available that can return the system to normal operation and improve filter service intervals.

Eminox SCR and SCRT® System Servicing

The Eminox SCR and SCRT systems use AdBlue to reduce NOx and for SCRT; a particulate filter to reduce particulate matter. An automated nozzle cleaning strategy is designed to avoid build up of urea deposits, but annual servicing of the AdBlue injection system is required. The particulate filter requires servicing as detailed for diesel particulate filter systems.

We recommend that a system is serviced at least once a year, failure to service the system can lead to urea deposits and permanent filter damage. Eminox provide a full system service; including diagnostic check, replacement of AdBlue injection system components and exchange of the particulate filter for SCRT systems.

When a full system service* is carried out by Eminox we will extend the warranty on serviced components for a further 12 months.

The service includes

- Replace in-line urea filter and check all pipes for damage
- Remove urea pump internal filter and replace, re-pressurise accumulator
- Drain air tank and replace air filter
- Remove and replace the injector nozzle
- Remove and replace particulate filter (for SCRT systems only) with a reconditioned filter (backed by a 12 month warranty)
- Full check of system for physical damage
- Download of ECU (Electronic Control Unit) to identify and diagnose any system faults

SCR and SCRT servicing is carried out by specially trained Eminox engineers.

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*Including any necessary repairs

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