



DPF 300 Master Series

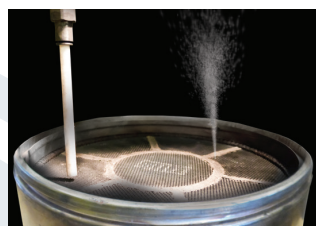
Advanced Diesel Particulate Filter
Servicing & Maintenance



The Complete DPF Service Solution



DPF300 Master



Visual detection of failed DPF cells.

Heavy Duty DPF maintenance is an essential service requirement for the efficient and trouble-free operation of today's modern engines.

Complete System

The Hartridge DPF 300 Master Series of products uses proven patented technology to remove virtually all soot and ash in order to restore the function of clogged DPFs and restore exhaust backpressure to its original specifications.

The success of the cleaning process using the DPF300 Master and DPF 310 Master can be fully tested using the DPF320 Master, flow meter. For any DPFs that have become severely blocked with compacted soot, then the DPF300 Master can thermally regenerate the DPF to loosen ash and combust the soot. It can then be easily emptied so that DPF performance is fully restored.

Cleaning time typically 15-45 minutes*

*depending on volume of air supply available and state of DPF

DPF300 Master

Cleans DPFs and DOCs up to 91cm (h) and 51cm (w)

- Powerful bi-directional cleaning
- Fast to set up and easy to use
- Air Knives cut through the soot and ash in each individual cell
- Full & Air saver mode

Overview

Regularly servicing DPFs will:

- Significantly extend DPF service life
- Maintain optimum fuel economy
- Ensure optimum exhaust function
- Avoid unscheduled downtime
- Reduce static on-vehicle regeneration

DPF310 Master

Soot/Ash removal and containment

- Safe and efficient
- Purge function maintains performance
- Enables fast and responsible disposal of ash

DPF320 Master

DPF flow test before & after cleaning

- Quickly assess the state of a DPF
- Measure the success of DPF cleaning

DPF330 Master

Thermal regeneration

- Easy to control – one touch programming
- Simple and reliable
- 9 hours cycle time
- Automatic lid lock
- Treat 2 DPFs simultaneously

Note: Only approximately 1 out of 6 DPFs requires a thermal regeneration

Hartridge DPF Service Solution

Clean/Empty
DPF300 Master



Remove Soot/Ash
DPF310 Master



Flow test
DPF320 Master



Thermally Regenerate
DPF330 Master



Cost Impact of DPF Servicing

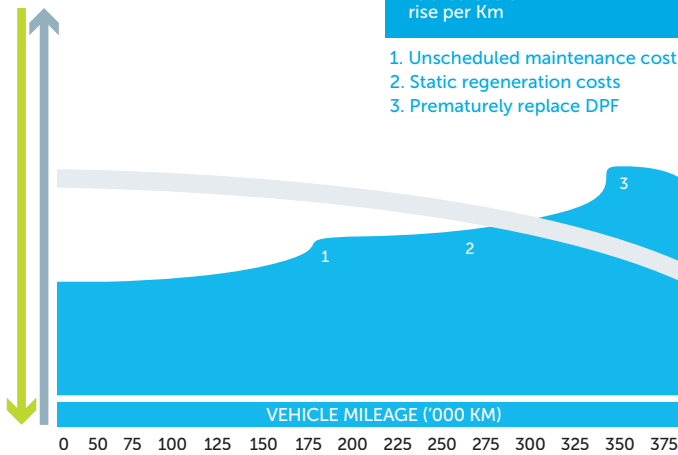
Vehicle Running Costs

Unmaintained DPF

MPG
Reduces as exhaust
function declines

DPF
related costs
rise per Km

1. Unscheduled maintenance cost
2. Static regeneration costs
3. Prematurely replace DPF

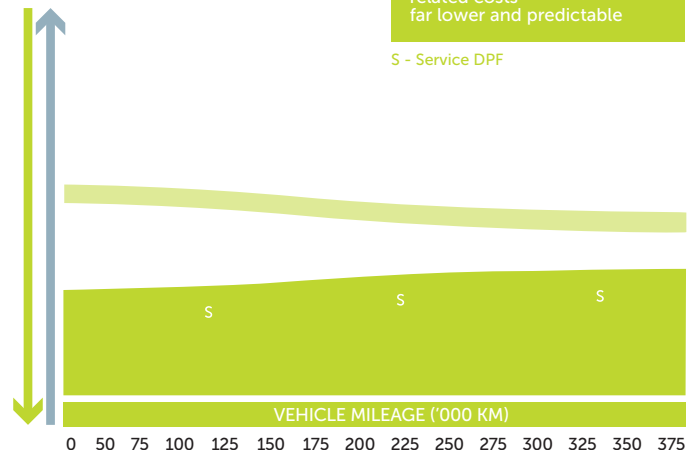


Regularly Serviced DPF

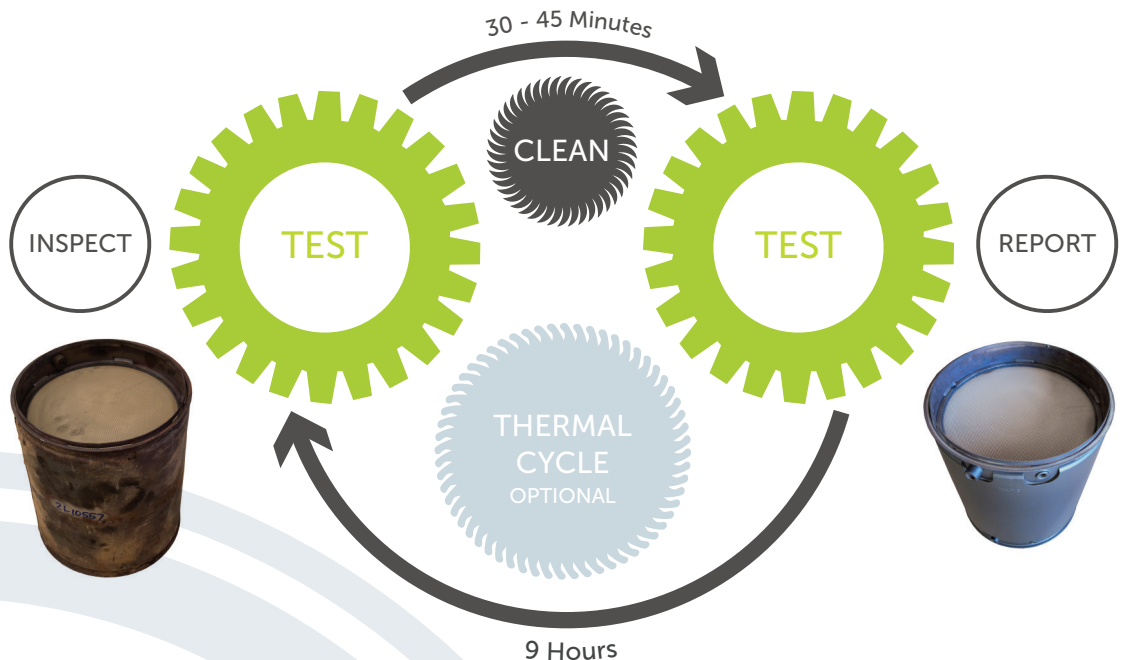
Km/Litre - MPG
maintained for longer by
optimising DPF function

DPF
related costs
far lower and predictable

S - Service DPF



Hartridge DPF Cleaning Process



Contact your local **Hartridge™** distributor for more detailed information or visit hartridge.com



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Continuous development is taking place. Hartridge reserves the right to alter the design and/or specification without prior notice.

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