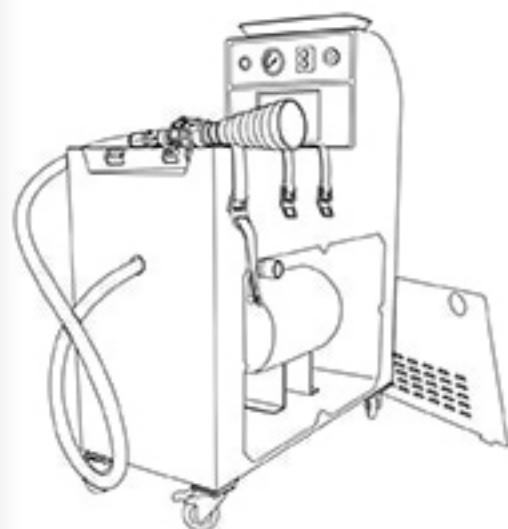


Clearing a blocked DPF used to be a time consuming and costly process. Using the DCS-16 alongside Carbon-Clean's DPF ProClean Treatment a blocked DPF can easily be completely restored in next to no time and at a fraction of the former cost. The ProClean Treatment will also protect the DPF following cleaning using the latest in Nano-Catalyst technology.

The DCS-16 is designed to be robust, simple to use and the universal adaptor will fit 99% of DPF models.



PRODUCT SPECIFICATIONS

DESCRIPTION	DPF CLEANING SYSTEM
MODEL No	DCS-16
DRIVING SYSTEM	AIR: 4-6 BAR COMPRESSOR
CLEANING AGENT	DETERGENT / WATER / AIR
OPERATION METHOD	TIMER RELAY SOLENOID VALVE
DISPLAY MODE	ANALOGUE PRESSURE GAUGE
AIR RECEIVER TANK	15L
DIMENSIONS	400(W) X 900(L) X 1120 (H)
NET WEIGHT	60KG
POWER SUPPLY	220V / 60HZ



Carbon-Clean are dedicated to improving the environment and your driving experience one vehicle at a time.

The CC16 is the perfect partner for the DCS-16 giving you the power to blast the impurities from both the engine and exhaust system. We have a range of supportive business plans running alongside our products to help get you up and running as a Carbon-Clean Engineer, Distributor or Centre.

For full details visit our website or get in touch by phone or email to see how you can join the Carbon-Clean revolution!

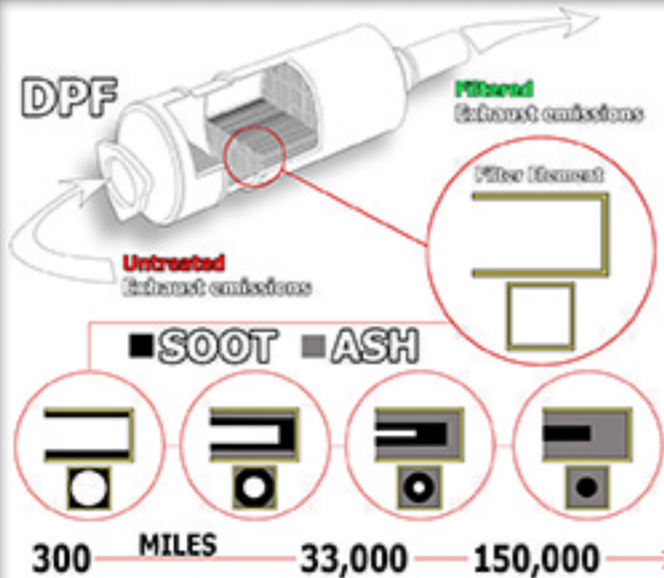


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DPF Blockage + Regeneration

Every 300 miles or so the DPF will regenerate by super-heating the filter to burn off the diesel particles that collect there as soot. Most of the soot is then expelled through the exhaust as finer particles of harmless ash. However it has been found that the regeneration process leaves residual ash behind in the filter. Each time a regeneration occurs more ash will build up in the filter. At around 33,000 miles ash can account for 50% of the material blocking the DPF rising to 80% at 150,000 miles until the filter is blocked completely and the engine may stop working. The Carbon-Clean DPF ProClean Treatment, when used alongside the DCS-16, is a fast and cost effective way to completely clean and protect any DPF.

NANO-CATALYST TREATMENT FOR DPF PROTECTION

CLEAN 1 PROTECT 2

DPF POWER CLEANER

Specially formulated to safely lift any impurities from the internal workings of the Diesel Particulate Filter.

The filter is sealed with a bung (Provided with the DCS-16) and filled with Power Cleaner. This is left to stand for twenty minutes to half an hour.

The cleaner reacts with the blockage in the DPF lifting the residue of soot and ash from every surface of the filter elements.

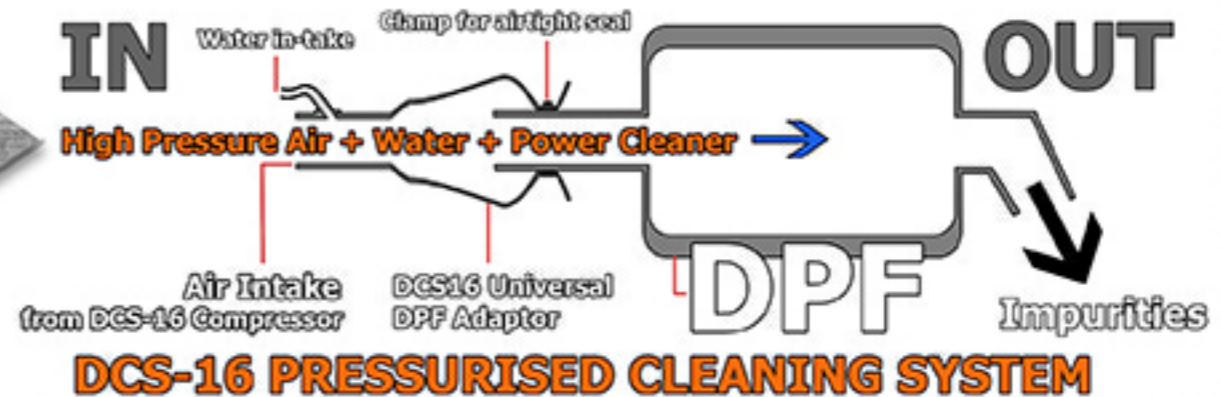
The DPF is then connected to the DCS-16 cleaning system to power wash the cleaner and all of the impurities out of the filter.

DPF POWER PROTECT

Featuring the latest Nano-Catalyst technology to keep your DPF cleaner for longer.

Following the DCS-16 treatment the dried DPF is slowly fed the Power Protect fluid through the exhaust intake and rotated to ensure an even coating of protection. The fluid is absorbed by the DPF leaving a Nano-Catalytic coating on the surface of the filter.

The Nano-Catalytic coating causes soot to combust at lower temperatures (400°C rather than 650°C) slowing the build up of impurities blocking the DPF and increasing the effectiveness of the vehicle's built in 'regeneration' burn off.



The DCS-16 is designed to easily and safely fit almost any DPF to perform a complete filter regeneration.

Following the first stage of the ProClean Treatment (the filter is steeped in then drained of DPF Power Cleaner) the DPF is connected and sealed to the universal adaptor. Once securely strapped to the work bed a high pressure mix of air and water is shot in bursts through the filter.

The residue of soot, ash, cleaner and water passes through the machine and out through the waste outlet for easy disposal. A regular DPF takes 10 - 12 litres of water and around 20 - 30 mins to thoroughly clean leaving the filter completely regenerated and free of impurities.

The DCS-16 has an automatic functionality so once set in action can left to complete the process.

The DCS-16 can also be used to air-dry the DPF ready for the ProClean Treatment Protect stage using the latest Nano-Catalyst technology, DPF Power Protect.

