DPF CLEANING FLUID RANGE

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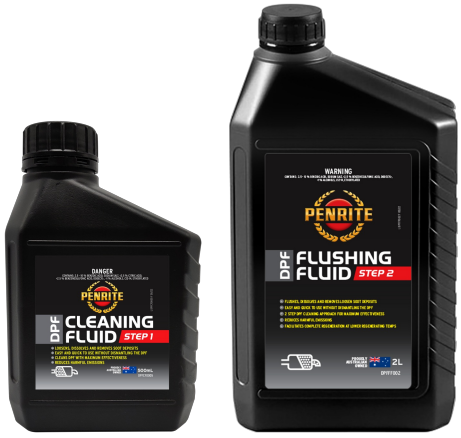
PRODUCT CODE	PACK SIZE	CARTON QTY
DPFCSTARTER	1xPack	1
DPFCKIT	1xKit	4



PRODUCT BENEFITS

The **DPF Cleaning range** is a range of professional DPF cleaning products, developed as a cost and time effective method for cleaning clogged Diesel Particulate Filters (DPF).

Application

DPF Cleaning Gun is a special cleaning gun, purposely designed to be used with Penrite DPF Cleaning Fluids. It includes a hose with a conical nozzle, this nozzle should be connected to the soft hose of the front pressure sensor. This is typically the easiest access option which gives good results with minimal effort.

DPF Cleaning Fluid (Step 1) & DPF Flushing Fluid (Step 2)are designed to work in conjunction with each other to loosen, disperse, remove, and flush out soot to facilitate a full regeneration of the Diesel Particulate Filter (DPF). The **DPF Cleaning Fluid** soaks the accumulated soot particles and dissolves the various contaminations while the **DPF Flushing Fluid** flushes out the substrate and repositions the accumulated soot to be within the soot trap. Upon completion of the two-step system, the DPF is now ready for regeneration.

DPF Cleaning Gun Probe is a direct cleaning probe to be used with the DPF Cleaning Gun when used in a sensor opening which allows for a direct spray onto the filter monolith.

Directions for use:

IMPORTANT - Always use appropriate PPE when required (gloves and safety goggles should be used whilst performing the following process)

1st Step – DPF Cleaning Fluid

- Fill the DPF Cleaning Gun tank with the DPF Cleaning Fluid and connect the sprayer to an air compressor, the pressure reducer connected to the gun will automatically reduce the pressure to 4kg/cm2
- Start the vehicle and let it reach normal operating temperature, then turn off the vehicle.
- Locate the pressure sensor for the DPF and disconnect the hose either at the sensor or from the DPF itself. (On some vehicles the sensor will be located in the engine bay and on others, closer to the DPF). Alternatively, if the DPF has a temperature sensor at the front of the DPF, this can be removed and the inlet used for the cleaning process.
- Connect the conical nozzle to the pressure sensor hose leading to the front of the DPF or insert the hose (without the conical nozzle attached) into the front of the DPF through the temperature sensor inlet. If using the DPF cleaning probe, this can be used to penetrate further into the DPF during this process.
- Pulse the DPF cleaner into the front of the DPF for 1 min and let it settle for 2-3 mins, repeat this step until all the DPF Cleaning Fluid has been used.
- Once the DPF Cleaning Fluid has been used, run the engine for 2-3 mins at 2000-2500 RPM

2nd Step – DPF Flushing Fluid

- Fill the DPF Cleaning Gun tank with the DPF Flushing Fluid and connect the sprayer to an air compressor, the pressure reducer connected to the gun will automatically reduce the pressure to 4kg/cm2
- Connect the conical nozzle to the pressure sensor hose leading to the front of the DPF, the same as in the 1st step
- Start the engine. With the engine running at around 2000 RPM pulse the complete amount of DPF Flushing Fluid into the front pressure hose, the DPF Cleaning Gun tank has a 1L capacity and will need to be refilled during this process. Turn the vehicle off before removing the gun to refill.
- After flushing, ensure the sensor hose is dried carefully using your air compressor, to prevent sensor damage or incorrect reading from the ECU/diagnostic tools.
- Reconnect the sensor and drive the car for 20 mins at a consistent speed at 2500 RPM to initiate a regeneration cycle. Alternatively, start a regeneration cycle via the computer following the car manufacturer's

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guidelines
- Reset any warning codes/signals related to DPF blockage or malfunctioning
- Clean the DPF Cleaning Gun and DPF Cleaning Probe (if used) thoroughly with water immediately after use

NOTE: We recommend placing a fluid bucket under the cars exhaust during cleaning to catch expelled cleaning and flushing fluid from the process.

PRODUCT BENEFITS

- Prevents expensive DPF replacement and keeps DPF regeneration work inhouse
- Convenient and easy to use without the need to dismantle the DPF
- Reduces harmful emissions and hazardous exhaust gases
- Innovative 2 step approach for maximum combined effectiveness
- Loosens, dissolves, and removes soot deposits in the particulate filter
- Facilitates complete regeneration

PRODUCT PERFORMANCE LEVELS

TYPICAL DATA

Colour	Colourless
pH	11.4-12.7

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