



# PENRITE



## DPF CLEANING FLUID KIT

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PRODUCT CODE	PACK SIZE	CARTON QTY
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:

Always use appropriate PPE when required ([gloves](#) and [safety goggles](#))

#### 1<sup>st</sup> Step – DPF Cleaning Fluid

1. 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/cm<sup>2</sup>
2. Ensure the engine has reached its normal operating temperature and turn it off
3. Locate the pressure sensor, for cars this sensor is usually located under the bonnet, for larger 4WD or SUVs this sensor is usually located closer to the DPF
4. Connect the conical nozzle to the pressure sensor hose leading to the front of the DPF
5. Pulse the DPF cleaner into the front pressure hose for 1 min and let it settle for 2-3 mins, repeat this step until all the **DPF Cleaning Fluid** has been used
6. Once the **DPF Cleaning Fluid** has been used, run the engine for 2-3 mins at 2000-2500 RPM

#### 2<sup>nd</sup> Step – DPF Flushing Fluid

1. 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/cm<sup>2</sup>
2. Connect the conical nozzle to the pressure sensor hose leading to the front of the DPF, the same as in the 1<sup>st</sup> step
3. 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.
4. 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
5. 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 guidelines
6. Reset any warning codes/signals related to DPF blockage or malfunctioning





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**85% REDUCTION  
IN LANDFILL  
WASTE**

7. Clean the **DPF Cleaning Gun** and **DPF Cleaning Probe** (if used) thoroughly with water immediately after use

## **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