

Hartridge 清洗設備車廠認證



BOOST REVENUE AND CUSTOMER UPTIME.

Offer diesel particulate filter cleanings to generate more money and get your customers back on the road more quickly.

There are approximately two million trucks on the road every day. Are you getting your fair share of the maintenance business from these potential customers?

Owning the diesel particulate filter cleaning system from FSX, Inc. allows you to provide a sought-out service, reduce your customers' downtime and boost revenue for your dealership. Dealerships can expect to break even on the price of purchasing and installing the machine within six to eight months. Running it for only six hours each day, five days a week can generate more than \$70,000 per month in incremental revenue for your dealership*.

Cleaning a filter in-house takes 30 minutes, as opposed to sending the filter out to be cleaned by a third party and waiting several days to get it back. By enabling you to offer DPF preventive maintenance cleanings and sell other products and services while a customer is waiting at your dealership, the system helps increase your business and eliminate markups from competitors.

FSX is the only DPF cleaning system to be approved by Volvo Trucks engineering teams. It removes 94 percent of built-up ash and soot while other machines remove 74 percent.

Order the DPF cleaning system from FSX today. It's good for you, your customers and the environment. Visit Trucksdealerportal.com/Service/eService, follow the instructions given and place your order in Compass today.



*Calculation based on 12 filters cleaned per day at \$900 per cleaning

Volvo Trucks. Driving Progress.



DPF Cleaning



Related Links

Leading the Industry in DPF Cleaning Technology

Cummins Sales and Service offers state-of-the-art cleaning solutions for your diesel particulate filter incorporating pneumatic cleaning, testing and thermal regeneration equipment. Our process includes inspection, air flow testing, Level 1 or Level 2 cleaning, specialized cleaning if required and filter baking. We provide Level 1 and Level 2 machines to customize your filter cleaning needs. These services are also available for CAT, Detroit Diesel, Volvo, Power Stroke and Mack DPF's.

- Level 1 Cleaning: FSX TrapBlaster 7 Pneumatic
- Level 2 Cleaning: FSX TrapBurner 7 Thermal

Level 1 Cleaning:

The FSX TrapBlaster 7 Pneumatic cleaner, with its patent pending technology, utilizes two air knives to remove 94% of the ash from your DPF. The FSX Baseline Standards program creates a set of statistically created measurements to ensure the cleaning process meets industry standards.

Level 2 Cleaning:

The TrapBurner 7 Thermal cleaner provides a programmed, regulated thermal regeneration for troublesome filters without causing cracking or damage.

Recommended Maintenance Intervals:

For better performance and life of the DPF brick, DPF should be serviced every 200,000 miles to avoid downtime and potential costly replacements.

Schedule an appointment online or contact your nearest Cummins Sales and Service location or learn more about DPF cleaning.

[Find a Location](#)

[Schedule Service](#)



WHY YOU NEED OUR DIESEL PARTICULATE FILTER CLEANING SYSTEM



Long term competitiveness

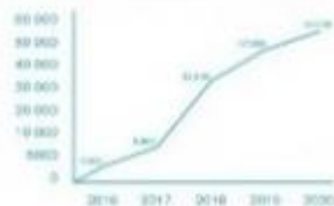
For service workshops, Diesel Particulate Filter cleaning, testing and inspection is a quickly growing market that offers excellent business opportunities and a fast return of investment. Your customers would certainly enjoy minimizing unscheduled downtime, and expanding your service array opens up new ways for you to increase your share of consumer: you're giving them one less reason to look elsewhere.

Return on investment

The number of filters that need to be cleaned to reach ROI will differ from market to market, and be affected by competition level, 3rd party cleaners and market price. You will have a competitive advantage as your equipment and operation is the only process that is approved

by Volvo. It is possible to reach ROI even faster by cleaning filters for Volvo buses and trucks from other workshops - or other manufacturers.

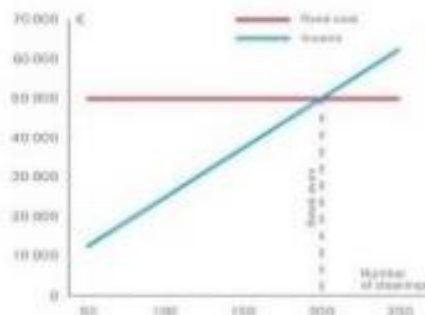
Volvo Trucks DPF cleaning volumes in Europe



ALL YOU NEED IS HARDWARE

The recommendation is that you start with the basic FSX equipment: TrapBlower, TrapBlaster and BoostBlower. The oven (TrapBurner) is optional, and mainly used for when you are cleaning filters for others and won't be mounting from back in your own workshop - as the oven removes external soot, the filter looks much cleaner. The FSX equipment needs a lot of air while cleaning, so you might find an additional compressor useful. The cleaning should be done in a separate room for optimal workshop environment.

Profitability



The fixed cost is the investment of €50,000 for the basic FSX set and a new compressor. Your income per cleaning is calculated as €200 (the €400 you charge your customer minus the €200 for your labor, electricity and service costs). This means you will break even at 300 cleanings and be in clear profit from there on.

Process

- Visual check of the filter - does it meet your quality criteria or should a new one be used?
 - Check back pressure.
 - Check filter for cracks by blowing air from below. If cracks are present, a new filter should be used.
 - Start the cleaning process with air from above and below.
- It is finished when the filter stops releasing ash 1-20 minutes.
- Re-check back pressure.
 - Reset ash level with TestFuel when re-mounting.

How to order

For more information on FSX equipment and ordering, see Truck Shop Europe.

DPF MAINTENANCE & CLEANING EPA 2010

Regular maintenance of your engine's Diesel Particulate Filter (DPF) provides increased productivity and avoids costly emission system repairs and unnecessary downtime.

DPF cleaning is an important service to remove unburned hydrocarbons and ash that have accumulated in the DPF.

Features & Benefits

There are many benefits from a clean and efficient DPF system, including fewer regeneration cycles, less downtime, increased fuel economy, and reduced wear on the emission system and engine. Timely and comprehensive cleaning of the aftertreatment system will help prevent DPF filter clogging and will keep exhaust emissions low and your MX-13 engine running with full power and efficiency.

The recommended FSX cleaning equipment uses pulsing air to breakup ash and soot build up, and pressurized air to blow the debris from the filter. Additionally, thermal treatment of the filter may be necessary to burn off lingering ash deposits. Careful and thorough inspection and cleaning will prolong DPF life and reduce operating costs of your engine.

Related Parts

Part No.	Description
1827310PE	DPF Filter Element
1827339PE	DPF Filter Element
1818631PE	DPF Filter Gasket
1831989PE	Sensor-Temperature
1818119PE	Sensor-Pressure
1831943PE	Sensor-Temperature
1831938PE	V-Clamp for DPF
1831934PE	Band Clamp for DPF

Reference

Suggested DPF cleaning interval for the MX-13 EPA2010 is 200,000 miles (320,000 Kilometers or 4,500 hours) for line haul applications and severe duty applications.

There are over 200 PACCAR dealer locations in the USA and Canada that have DPF cleaning equipment and offer DPF cleaning services. A full range of DPF/DOC cleaning equipment from FSX Inc., the industry leading manufacturer, is available through PACCAR Parts.



DPF parts and cleaning equipment available through PACCAR Parts.

PACCAR PARTS
A DIVISION OF FORD

TIME IS MONEY.

SAVE BOTH WITH THE DIESEL PARTICULATE FILTER CLEANING MACHINE FROM FSX, INC.



The DPF cleaning machine from FSX, Inc. increases revenue for you and uptime for your customer. Owning the system means you don't have to wait for someone else to clean your customer's DPF filters, and typical return on investment is less than one year. That's 100 percent profit for your dealership within six to eight months - up to \$70,000 per month in most cases*.



BEFORE



AFTER

The DPF cleaning machine from FSX removes 94 percent of built-up soot and ash, while other machines remove 74 percent. It's the only DPF cleaning system to be approved by Mack Trucks engineering teams, and it's the system customers ask for when their truck's diesel particulate filter needs to be cleaned.

To order, visit truckdealerportal.com/Service/Service, follow the instructions given and place your order in Compass.



The cleaning process only takes 30 minutes. Being able to provide DPF preventive maintenance cleanings increases your business by:

- Raising exposure to new customers
- Giving you time to sell other products and services while your customer waits
- Eliminating markups from competitors

*Calculation based on operating the machine six hours per day, five days a week.





HARTRIDGE
DPF 200MASTER

SERVICE DATE (dd/mm/yy)
20/ 9/2022-20:34

PN- 4P10
SN- FUSO-7.5T
CUSTOMER-

INITIAL - 81.4mBar
DURATION- 00:40 Min
AFTER 200-59.4mBar

BYPASS : NO
WASH TIME- -- Min
DRY TIME- -- Min
AFTER 210---mBar

清潔前後流量對比表 (DPF-200Muster機台)

清洗前流量;81.4mBar
清洗後流量:59.4mBar
對比數據後:pass

清洗前流量;70.4mBar
清洗後流量:59.7mBar
對比數據後:pass

HARTRIDGE
DPF 200MASTER

SERVICE DATE (dd/mm/yy)
9/ 9/2022-12:59

PN- 4P10
SN- FUSO-3.5T
CUSTOMER-

INITIAL - 70.4mBar
DURATION- 00:40 Min
AFTER 200-54.7mBar

BYPASS : NO
WASH TIME- -- Min
DRY TIME- -- Min