

DEUTZ SERVICE | Life Time Support

Genuine DEUTZ

# Diesel Particulate Filters



The engine company.



■ **Functionality and warranty**

Thanks to the DEUTZ XClean's new quality process, the functionality of a replacement filter corresponds to that of a new filter. Accordingly, DEUTZ provides a full warranty – as with new parts. Each Xchange-DPF is also supplied in a set with the corresponding clamps and seals – which ensures the proper sealing of the exhaust system.

■ **Lowest possible device downtime**

All Xchange-DPFs are available direct from the warehouse and are delivered within 24 hours if required, guaranteeing the lowest possible device downtimes – and thereby saving a significant amount of time compared to a third party cleaning service, resulting in an increase of productivity for the machine operator.

■ **Conformity with certification requirements**

DEUTZ can guarantee that the filter is fully functional via an extensive testing programme performed during and after cleaning. Accordingly, only filters cleaned by DEUTZ are guaranteed by DEUTZ to be in accordance with exhaust gas certification requirements.

**Incorrect and insufficient cleaning can have serious consequences:**

DEUTZ DPFs are fitted with a catalytic coating. This can be damaged by incorrect cleaning and the functionality of the particulate filter can be compromised.

If particulate filters are not sufficiently cleaned, the residues left can lead to a reduced carbon absorption capacity and thus to an increase in the exhaust gas pressure. This results in more frequent regeneration, which in the worst cases can cause long-term damage to the particulate filter. In addition, insufficient cleaning can mean that the ash lamp indicates the next cleaning time too late; this can result in malfunctions in engine operation, as well as a DPF that can no longer be cleaned.

During a third party cleaning, hairlines cracks and other damage to the substrate can occur or remain undetected which can compromise its functionality.

In all of these cases, the particulate filter will need to be replaced by a new part. A damaged DPF also has a negative impact on the environment as the exhaust gas is not filtered properly.

# All benefits at a glance

■ **No risk of additional fuel consumption**

If an engine does not reach the exhaust gas temperature necessary for continuous regeneration, e.g. during low load operation, an increase in standstill regeneration may occur in particulate filters that have been insufficiently cleaned by third party providers. This leads to increased fuel consumption. Consider the additional costs incurred during the yearly operating hours and an increased fuel consumption of just 1%!

■ **Competence of trained expert personnel in the DEUTZ service network**

The trained DEUTZ service network with over 800 distribution and service partners worldwide ensures correct assembly, including reset in the engine control unit, in accordance with the DEUTZ guidelines.

■ **Price compared with a new part**

The DEUTZ Xchange filter is a good value alternative to a DEUTZ original filter – with comparable quality.

■ **Increased cleaning efficiency**

The DEUTZ testing processes and documentation ensure a strong cleaning performance. Internal tests have shown that, for example, an air cleaning system alone removes less ash from the filter than the process used by DEUTZ.

**DEUTZ XCHANGE®**

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Here you can find more about the DEUTZ DPF cleaning process:



## The benefits of buying DEUTZ Diesel Particulate Filters!

### Genuine DEUTZ Diesel Particulate Filters

DEUTZ Diesel Particulate Filters are specifically engineered to meet the requirements of your engine – to ensure smooth, secure and continuous regeneration of the soot load, without the need for regular maintenance or additional operating liquids.

### DEUTZ Xchange Diesel Particulate Filters

With the right technology, a modern diesel particulate filter can be almost completely freed of soot and ash. The DEUTZ DPF cleaning process XClean features a combination of thermal-, air-, and liquid treatment with optimized pulse rate and produces best-in-class results. This way we can offer a reusable, cost-effective filter, that provides optimum filtration performance equivalent to a new part.



### Product portfolio

	Engine family	Size	System	p/n Xchange Kit incl. clamps and sealings	p/n Kit New Part incl. clamps and sealings
T4i	3.6 & 2.9	DPF 5,66" x 9,5"	CRT	0305 2250	0460 0976
		DPF 8,5" x 7"	Burner	0293 2257	0293 7728
	4.1	DPF 8,5" x 8,5"	Burner	0293 2258	0293 7729
		DPF 8,5" x 7"	CRT	0293 2259	0293 7730
		DPF 8,5" x 8,5"	CRT	0293 2260	0293 7731
		DPF 9,5" x 8"	Burner	0293 2261	0293 7734
	6.1	DPF 9,5" x 10"	Burner	0293 2262	0293 7735
		DPF 9,5" x 12"	Burner	0293 2263	0293 7736
		DPF 9,5" x 8"	CRT	0293 2264	0293 7737
		DPF 11,25" x 10"	Burner	0293 2292	0293 7792
7.8	DPF 11,25" x 12"	Burner	0293 2293	0293 7793	
	T4f	2.9	DPF 5,66" x 9,5"	CRT	0305 2521
3.6		DPF 8,5" x 7"	CRT	0305 2523	0293 8029
4.1		DPF 8,5" x 7"	CRT	0305 2523	0293 8029
		DPF 8,5" x 8,5"	CRT	0305 2524	0293 7989
6.1		DPF 9,5" x 8"	CRT	0305 2525	0293 7925
		DPF 9,5" x 10"	CRT	0305 2526	0293 7926
		DPF 9,5" x 12"	CRT	0305 2527	0293 7927
7.8		DPF 11,25" x 10"	CRT	0305 2528	0293 8027

Order-No. 0031 2590 / 01 / 2015 / MC-M



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