



DONALDSON DELIVERS

Replacement air filtration element for Mercedes-Benz® Actros®

Made to protect and perform



High Performance Protection

The Donaldson replacement air filtration element is designed for the Mercedes-Benz Actros with filter elements A0040946804 (Donaldson DBA3746) or A0040946904 (Donaldson DBA3745).

It combines two in-house developed, state-of-the-art technologies:

- ▶ PowerCore® filtration technology
- ▶ Ultra-Web® media technology

The result is a high-performance air filtration element that meets OE specifications.

The replacement air filtration element is constructed with a plastic shell that is fully integrated into the seal. This creates a rigid structure that assures a perfect seal. The top fin incorporates a durable yet comfortable service handle.

Powercore Filtration Technology

Vehicle design continues to evolve from classic to aerodynamic. The implications include less under-hood space, hotter engines and higher airflow requirements.



PowerCore®
A Donaldson Filtration Technology

With more media packed into a smaller space and a simplified airflow path, PowerCore filter packs provide high performance with a low pressure drop. This technology is proven in field applications for more than 15 years.

Ultra-Web Media Technology

Proven and proprietary Ultra-Web media technology delivers longer filter life, cleaner air and greater cost savings than other types of cartridge filter media.

Consisting of very fine, continuous, resilient fiber 0.2-0.3 micron in diameter, Ultra-Web forms a permanent nanofiber web with very fine interfiber spaces that trap dust on the surface of the media.

ULTRA-WEB®
Nanofiber Filtration by Donaldson

ULTRA-WEB



- High (99.97%) efficiency in capturing sub-micron dust and soot particles.
- Low energy and compressed air consumption.
- Low operating pressure drop.
- Can last to 2 times longer than common filters.



For All Your Engine Filters: Choose Donaldson Blue™

Donaldson Blue filters are the ultimate in heavy-duty engine filtration solutions. Made using Donaldson's advanced Ultra-Web nanofiber technology for air filtration and Synteq XP™ for liquid filtration, they're the best filters to reduce maintenance cost and increase equipment uptime.

Donaldson®

BLUE™

POWERCORE



- Maintain high performance in a smaller space.
- Straight-through airflow technology invented by Donaldson.
- Metal-free, lightweight materials.
- Proven sealing technology.

Description

Part Nr.

OE Short version	A0040946904
Donaldson Short version	DBA3745
OE Long version	A0040946804
Donaldson Long version	DBA3746

Experience The Benefits

Improved engine performance

Protect your engines, and improve their performance and power. And at lower lifecycle costs too!

A lifetime of use in all conditions

Donaldson's replacement air filtration elements are built to last. They are durable, robust and designed to perform in extreme temperature and humidity conditions. The DBA3746 version is available for extended service intervals, giving $\pm 20\%$ longer life.

Environmental protection

Contribute to a greener, healthier environment, thanks to fewer filter changes and less waste disposal.

Superior to cellulose/synthetic filters

With commodity filters such as plain cellulose or cellulose/synthetic media blends, pressure drop starts high and rises quickly. With Ultra-Web nanofiber technology you get phenomenal surface loading ability and superior dust release capabilities.

EFFICIENCY



- Fast and easy filter pack changes; saves installation time.
- Less maintenance; saves vehicle downtime and maintenance cost.
- High filtration efficiency; reduces emissions.
- Compact; reduces freight costs.

Why Donaldson

- ▶ **Broad product offering for heavy on-road engines**
- ▶ **Lasting quality & value**
- ▶ **Single filtration source**
- ▶ **Proven technology**
- ▶ **Readily available**
- ▶ **History of innovation**

“We now have a single reliable supplier”



International transport company PIMK, based in Plovdiv, Bulgaria, operates a fleet of over 800 Mercedes-Benz Actros trucks. They have worked with Donaldson since 2014 for all their filtration spare parts.

“Right from the start we received excellent, dedicated sales and technical support to help us optimize our fleet maintenance, avoid breakdowns and ensure on-time delivery,” says Martin Savov, Spare Parts Manager at PIMK. “We switched from multiple filter spare part suppliers to Donaldson so now have a single source for reliable, high-quality filter spare parts for our entire fleet.”

About Donaldson

Founded in 1915, Donaldson (NYSE: DCI) is a global leader in the filtration industry. The Company’s innovative filtration technologies improve people’s lives, enhance Customers’ equipment performance and protect the environment.

We are a technology-driven company committed to satisfying our customers’ needs for filtration solutions

through innovative research and development, application expertise and global presence.

Our approximately 11,000 employees contribute to the company’s success by supporting our customers at more than 140 sales, manufacturing and distribution locations around the world.



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THE VIDEO**



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