# Diesel filters

Last update: 03/11/2022

**98%**
COVERAGE RATE

**MELT BLOW:** cellulose paper soaked in polymerisable phenolic resin



**FILTER CHANGED = LESS POLLUTION**

## PRODUCT ADVANTAGES

- → ***Range of diesel filters incorporating the new generation of plastic and metal monoblocs***
- → ***Enhanced engine performances***
- → ***Lower fuel consumption***
- → ***Extended service life of the engine***

With a range of **256 references** covering **98% of the vehicles on the road in Europe**, the Eurorepar range of diesel filters has been developed to offer you **the highest possible level of satisfaction.**

To maintain optimum engine power, **the Eurorepar filter provides the fuel circuit with effective protection against dirt**, such as impurities, rust, dust and water contamination.

**Eurorepar offers a range of diesel filters incorporating the new generation of plastic and metal monoblocs**, thereby mirroring the developments on the diesel engine market.

## GOOD TO KNOW

For modern diesel injection engines in particular, **it is essential to protect the injection system**. Particles measuring 5-20 µm are large enough to cause considerable damage to the engine or even complete failure.

## TECHNICAL CHARACTERISTICS

**Eurorepar offers several types of diesel filter:**

- The spin-on filter
- The immersed filter, or cartridge
- The filter module or crimped filter

**The filters are fitted with two different types of medium**:

- mixed media
- synthetic media

**In addition to standard replacement filters, there are models with a priming system, a water drain screw and an integrated pressure regulating valve and/or electric heating**

## CONDITIONS FOR REPLACEMENT

**Changing the diesel filter at the intervals recommended by the manufacturer** helps ensure that the engine continues to function correctly by guaranteeing:

- **filtration of the impurities** present in the fuel which could cause the injectors to seize up or the injection pump to break
- **the settling of the water** present in the diesel (due to the condensation of the air generated by temperature differences, in particular in relatively empty tanks)

**Backfiring when accelerating, black smoke** when accelerating at low engine speeds and **increased consumption** are often signs of a clogged diesel filter, even before the recommended deadline.

Our parts are guaranteed for **2** years*

SECURE LABELS — Avoids any risk to fake parts and guarantees their quality.

www.eurorepar.com

Our parts are guaranteed 2 years* against any manufacturing or material defect**.
(*) For Citroen, DS, Peugeot, Euro Repar Car Service repair networks: the warranty runs for 2 years, parts AND labour included.
(**) For the conditions of application, contact your dealer.

## PERFORMANCE OF THE FILTER PAPER

The fuel filter differs from an oil filter by using a **thinner filter paper**, as the fuel supply components display reduced play. To ensure that even the finest impurity particles cannot enter the pipes, **the fuel filters are not fitted with a bypass valve.**

**2 paper pleating techniques:**

- **traditional,**
- **in chevrons.**

The choice of pleating technique is adapted to each vehicle.

Note: on a **diesel filter**, the **filtering medium is hydrophobic**, so you **must drain it** to empty the water contained in the collection unit. It must **then be primed again** (mechanically or electrically) to be able to restart the vehicle.



**Traditional pleating**



**Chevron pleating**

## FITTING

**Pay careful attention when carrying out work on the fuel supply circuit. The supply circuit often remains pressurised long after the engine has been switched off.**

- Comply with the replacement frequencies recommended by the manufacturer.
- Comply with the manufacturer's fitting instructions.
- Use the suitable tools when replacing.

## GOOD TO KNOW

Every time **you replace the fuel pump, you should also change the filter.** Replacing a filter is not particularly costly and can help prevent the need for repairs.

## DID YOU KNOW?

**A blocked filter has the following consequences**:

- loss of engine power which may even cause the engine to stop working
- alteration or interruption of the fuel flow
- deterioration of the fuel pump performances which may result in a short-circuit
- aggravated wear
- internal corrosion of the engine components
- increased fuel consumption
- deterioration of performances in terms of pollutant emissions

affectation table