



TIPS & TRICKS

Fuel Filters: Troubleshootings

Applications: All Engine types

Fuel Filters : symptoms and diagnosis

Some symptoms occurring in the vehicle when the fuel filter starts to have issues, so it's time to replace the fuel filter with a new one. Otherwise, could risk permanent damage in the engine.

- **Trouble Starting the Engine**

The most common sign of a clogged fuel filter is trouble starting the car. Although a dirty fuel filter leads to ignition difficulty, a fully-clogged filter will fail completely, and the engine won't start at all.

- **Issues during acceleration**

If the driver steps on the gas to accelerate but the speed doesn't change, the vehicle has probably a dirty fuel filter which prevents that the fuel enters into the pistons (mixture poor).

- **Frequent Idling and Sputtering**

In many instances, the engine will start normally but will shut down when you try to stop.

In addition, if the car sputters when you drive at low speeds, the fuel filter likely has a minor blockage—a sign the need for replacement isn't far ahead.



Website
valeoservice.us/en-us



Technical Assistance
1-888-718-2536

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Fuel Filters : symptoms and diagnosis

- **Strong Odors**

If the vehicle's exhaust emits strong fumes and odors , it could be a sign of a dirty fuel filter.

- **Engine Misfires/Low Performance**

Often, a weakened fuel filter will cause the engine to misfire. In such cases is need a full replacement of the fuel filter . Also, if fuel efficiency starts to suffer or the engine behaves abnormally/erratically, you might need a new filter.

- **Check engine light on**

Even though Check Engine light can come on due to all sorts of problems with your car, a bad fuel filter itself can trigger it. This is usually the case with vehicles that have a fuel pressure sensor to monitor the amount of fuel going through the system.

When scanned, the diagnostic trouble code may indicate a sensor failure where in fact it is due to a clogged fuel filter. A professional mechanic should help you diagnose the main cause of the Check Engine light appearing **(Code P0178)**.

- **Water presence**

A poor quality fuel sometimes causes a water presence in the system it will cause a low engine performance (low heat power) and a fuel filter damage



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