



## TIPS & TRICKS

**Oil Filters:** Troubleshooting

**Applications:** All Engine types

### Oil Filters : symptoms and diagnosis

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

- **Metallic noises**

Due to an excessive heat, there is usually wear. An engine without oil or with a low level of oil will allow metal to metal contact between components in the engine internals, that causes the circulation of metallic particles which will end in the oil filter causing saturation and stopping filtering and blocking the oil circulation.

- **Low Oil Pressure**

Some vehicles are equipped with an oil pressure gauge, those that aren't will still have a red oil pressure warning light which will switch on if there is a "pressure issue" in the oil circuit

One of the causes of low oil pressure can be a leaking or clogged oil filter which is preventing the flow of oil from going into your engine.

- **Dirty Exhaust Gases**

If smoke appears in the tailpipe and the exhaust looks gray or blue, an oil burning issue is present. This is sometimes the result of a clogged oil filter causing oil to flow into the exhaust system where it burns up.

A burning odor inside the vehicle from this too. These are very obvious signs that is needed to replace the filter.



Website  
[valeoservice.us/en-us](https://valeoservice.us/en-us)



Technical Assistance  
**1-888-718-2536**

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# Oil Filters : symptoms and diagnosis

- **Weak engine performance**

If contaminants are building up in the engine because the oil isn't being filtered properly, then it will reduce the engine's ability to make the power.

A dirty oil filter has a harder time pulling contaminants out of the engine oil.

These contaminants may make their way through the oil throughout the engine, causing restrictions or even blockages...blocking the engine too .

This means that when the driver step on the gas pedal, the acceleration will be reduced or even nonexistent.

- **Engine overheating**

Like your air filter or fuel filter, your oil filter can clog up if left in there too long. With an oil filter clogged, the problems that manifest in the engine are potentially very bad.

A bad oil filter may restrict the flow of oil entering the engine. Once that happens, the engine will not receive adequate lubrication for its moving components.

Friction between the metal components generates heat quickly. If this heat cannot be adequately dissipated by the oil and cooling system, it could lead to the engine overheating. You will often see the "Check Engine" light come on when this happens.



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