



# febi 109034

**To fit:**

Ford Focus, Mondeo, C-Max, S-Max 1.6,  
1.8, 2.0, 2.2 Diesel Engines



EN

## Injector nozzle for particle filter regeneration

**Problem**

Poor engine performance and engine malfunction lamp illuminated, due to the diesel particulate filter being blocked and failing to carry out regeneration.

**Possible fault codes stored:**

P244C Exhaust temperature too low for particulate filter regeneration.  
P26A1 Exhaust after treatment glow plug open circuit.

**Cause**

The Injector nozzle is physically blocked, or there is a blown fuse due to an internal short circuit caused by the injector nozzle glow plug overheating, or fuel supply pump failure.

**Solution**

Diagnose possible faulty exhaust injector nozzle, by connecting a hand held vacuum pump to the fuel line that supplies the nozzle, check if it holds a vacuum. If a vacuum is held, the injector is blocked and will need replacing.

If the fuse for the injector heater glow plug or pump has blown, then test the glow plug resistance. Nominal 1.1 Ohms, if it is less than 0.8 Ohms or greater than 1.3 Ohms then the injector glow plug is faulty, which is part of the injector unit.

If all values for the injector nozzle are within specification, check the condition of the fuel line supplying the injector and fuel supply. Then run the pump, if the pump is noisy, or does not run, check the wiring to the pump and make sure the fuel lines are not blocked. Replace any faulty parts as necessary.

After the repair has been carried out, a particulate filter service regeneration will need to be carried out in a well ventilated area.

For more technical information please visit: [partsfinder.bilsteingroup.com](https://partsfinder.bilsteingroup.com)