

Checklist for replacement of diesel particle filters



Manufacturer/supplier: ERNST-Apparatebau GmbH, Wandhofener Str. 2, D-58099 Hagen
 Fax: 0 23 31 / 36 00 10 Email: garantieurkunde@ernst-hagen.de

Important general information!

Before replacing the diesel particle filter, strictly observe the repair guides and instructions of the vehicle manufacturer. The test steps specified below in the checklist serve as a guide and are required to support possible warranty claims.

Before and after replacing the diesel particle filter it is necessary to read out the fault memory and document the fault reports.

If the specified test steps are not followed and occurring faults are not eliminated, the newly installed diesel particle filter possibly can become clogged after short mileage (50 - 100 km) and no longer be capable of regeneration.

Diesel particle filters are not suitable for vehicles with subsequent upgrade in performance (e.g. chiptuning).

Vehicle keeper

Last name, first name	Street	Postal code, town

Vehicle

Registration number		Warranty certificate Number	Date

Test step	OK	not OK	remedied
Retrieve and record ash content (often displayed in %)			
Retrieve and record soot content (often displayed in mg)			
Check function of differential pressure sensor (< 50 mbar is usually OK during idle)			
Check differential pressure sensor plug, lines and pins			
Check mass air flow sensor			
Check EGR valve			
Check vacuum lines for leaks and check condition of the lines to the differential pressure sensor; clean or replace if necessary (OPEL - Examine hard plastic connecting lines and connections and use vacuum pump if necessary (cracks, marten damage etc.)			

(Continued overleaf)

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Test step	OK	not OK	remedied
Check temperature sensor upstream and downstream of DPF, as well as turbocharger			
Examine upstream oxidation catalytic converter			
Check glow plugs			
Check engine thermostat and, if necessary, EGR thermostat			
Check injection nozzles			
Check charge air hose pressure (overpressure test)			
Check boost pressure sensor			
Actuator test, intake pipe flap (BMW swirl flaps)			
Check intake pipe - intake manifold for residues			
Check DPF additive system for correct function, check fill level			

Installing workshop

Company name	Street	Postal code, town
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I confirm the complete and proper performance of the test steps itemised in the checklist.

Date	Company stamp/name/signature
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The completed and signed checklist is to be returned together with the completely filled in warranty certificate to ERNST-Apparatebau GmbH, Wandhofener Str. 2, D-58099 Hagen.