

FoCOM Diesel particulate filter (DPF/FAP) service manual

<http://www.obdtester.com/focom>

This is PRELIMINARY WORKING DRAFT for SECONS Ltd. internal use and FoCOM users.
Please excuse the typos and errors.

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General DPF information

A diesel particulate filter (or DPF) is a device designed to remove diesel particulate matter or soot from the exhaust gas of a diesel engine.

Many DPF related errors can be resolved by regenerating DPF filter, performing DPF reset, or by manually cleaning the filter and then performing regeneration.

FoCOM coverage

System	Engines	Models	Regeneration	Reset functions
Bosch EDC16C3			Static	Yes
Bosch EDC16C34			Static	Yes
Delphi DCM3.5			Static	Yes
Denso Mazda RFT	2.0 RFT	Mazda 5 2007-2010 Mazda 6 2005-2010	N/A	Yes
Denso Mazda R2T	2.2 R2T	Mazda 6 2008- Mazda CX7 2010-	Static	Yes
Siemens SID206 CAN		Ford Transit Connect 2010-2012 Ford Tourneo Connect 2010-2012 Ford Transit Connect 2007-2009 Ford Tourneo Connect 2007-2009 Ford Kuga 2008-2010 Ford Focus 2008-2011 Ford Kuga 2008-2011	Static	Yes
Siemens SID206 UDS			Static	Yes
Siemens SID208			Static	Yes
Siemens SID803			Static	Yes
Siemens SID807		Ford Focus 2010-	Static	Yes

Delphi system used on rare DPF-equipped 2006 Ford Mondeo is **not** supported at this moment.

Common DPF issues

Most common issue is that DPF regeneration cannot be started, this may be caused by the following problems:

- Conditions required to perform the regenerations are not met (FoCOM usually displays error before performing regeneration)
- Failed DPF or temperature sensors
- Damaged filter, full filter (clean or replace filter)