

DPF replacement instruction



Procedures should be done according OE specification and service manual

General schematics of ATS



The typical layout of Euro 6 system.

Layout above is relevant to Volvo/Renault system. Other systems use similar principle, where DPF is removable from ATS.

1. Removal of DPF

- 1.1. Remove mounted parts. Hietshields to get access to DPF's or DPF covers.

*In some cases, it may be necessary to remove the silencer.

- 1.2. If needed remove carefully any sensors, cables and/or hoses.

- 1.3. Mark position of covers, clamps. Next, release clamps and remove them along with the cover.

*Note

Mercedes – if an original Mercedes filter is installed in the vehicle, remove the seal tags from the clamps and make note of the seal numbers. This step is necessary if the existing filter is not OE filter.

- 1.4. Remove the DPF.

*Note

Scania – for Scania use DPF removal tool. Operate according user manual.

Volvo – write down the filter's engraved article and serial number if an OE filter were fitted on vehicle.

2. Unpack and pack DPF

- 2.1. Take a new DPF out of the box. In the box will be clamps and gaskets needed for installation.
- 2.2. Place the removed DPF in the plastic bag and pack it for dispatch in a cardboard box.
- 2.3. Dispose used seals and clamps correctly.



3. Installation of new DPF

- 3.1. Clean the contact/sealing surfaces.
- 3.2. Put needed clamps/gaskets on the DPF in line with previous arrangements (see 1.3.)
- 3.3. Install new DPF.
- 3.4. Tighten clamps according to tightening torque on them.
- 3.5. Refit any sensors, cables and/or hoses that were removed in line with point 1.2. Pay attention to the tightening torques specified by the manufacturer. Temperature sensor: 38 Nm, pressure pipe 55 Nm.
- 3.6. Refit the heat shield and mounted parts in reverse order.

4. OBD/service tasks

- 4.1. Reset the Replace DPF system by using on-board diagnostic.

Special guideline for brands.

Mercedes – If you use Mercedes XENTRY application, open Modifications, Teach-in processes and select the Teach-in process after replacing the DPF component. When asked to enter seal (serial) number, reuse the old seal number from seal on clamps.(see Note from point 1.3.)

Volvo/Renault – If you use the Volvo/Renault Tech Tool, select Reset Soot Level. Confirm (refer to Note point 1.4.) if the article number and serial number match those in central system. Otherwise select "Numbers do not Match".

Select filter cleaning option: Select New Filter.

Accept the article number for the removed filter.



Attention: The serial number must have 9 digits. If necessary, begin the serial number of the new filter with zeroes to make up the numbers.

going the extra mile

