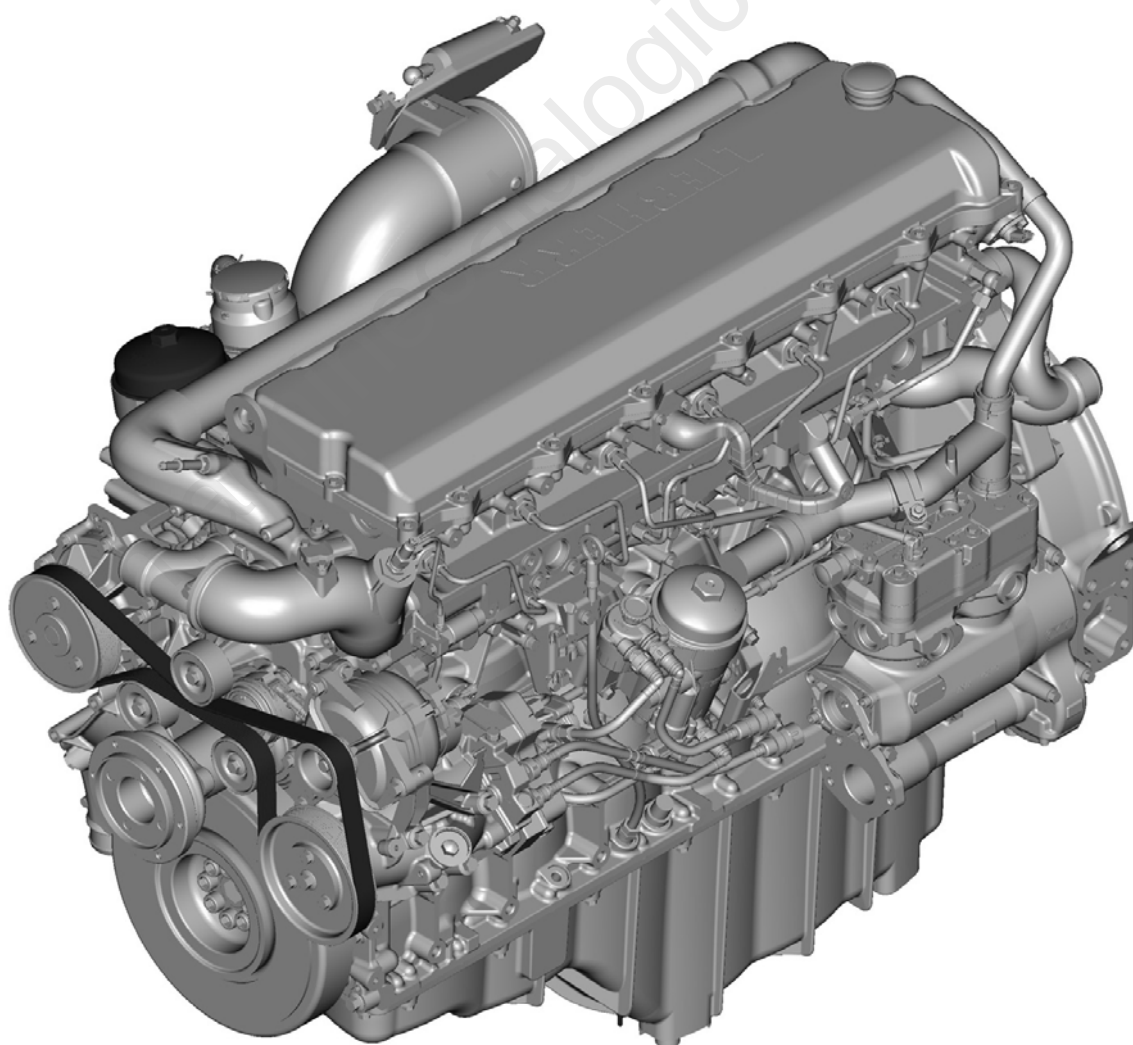


Operating Instructions

Diesel engine

D856



“Translation of the original operating instructions”

Hot Surfaces**CAUTION!****Risk of burns caused by hot surfaces!**

Contact with hot components can cause burns.

For this reason:

- When performing any work in the vicinity of hot components always wear protective clothing and protective gloves.
- Before starting any work ensure that all components have cooled down to ambient temperature.

Noise**WARNING!****Risk of hearing damage caused by noise!**

The level of noise occurring in the working area can cause serious damage to hearing.

For this reason:

- Always wear hearing protection when working.
- Do not unnecessarily remain in the hazard area. Leave hazard area when work is finished.

Sharp Edges and Corners**CAUTION!****Risk of injury cause by sharp edges and corners!**

Sharp edges and corners can cause cuts and scrapes to the skin.

For this reason:

- Always work carefully and with caution in the vicinity of sharp edges and corners.
- In cases of doubt, wear protective gloves.

Dirt and Objects**CAUTION!****Risk of tripping caused by dirt and objects!**

Dirt and objects can cause a person to slip or trip which can cause considerable injuries.

For this reason:

- Always keep the work area clean.
- Remove any objects that are no longer necessary.
- Mark areas where there is a danger of tripping with yellow and black striped tape.

Maintenance and Care

8.4.10 Check the water separator on the fuel prefilter and drain off water



WARNING!

Open fire!

Fire and explosion.

For this reason:

- During maintenance and inspection work on the fuel system do not use open fire or lights.
- Carry out maintenance and inspection work exclusively with the diesel engine switched off.



NOTE!

Have a container to hand with the necessary capacity.



NOTE!

The arrangement of the fuel prefilter with water separator and manual fuel priming pump varies depending on the diesel engine and equipment version.

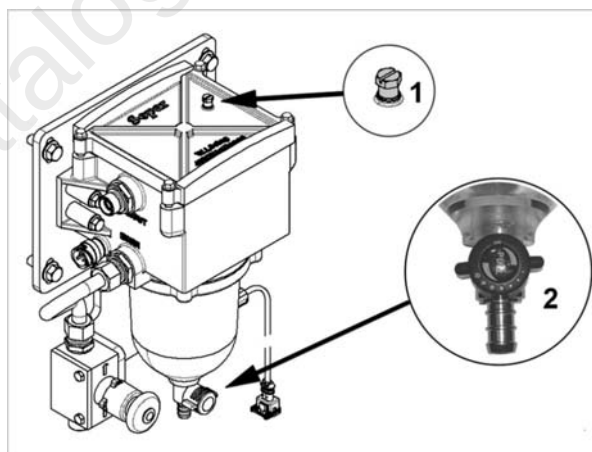
Check the water separator of the fuel prefilter.

With water in the water separator:

1. Position the collector container under the water separator.
2. Unscrew the vent screw (1) two turns (anti-clockwise).
3. To open the shut-off valve, pull out the blue handle (2) and at the same time rotate it through 90° anti-clockwise.

Wait until the water has run out.

4. To close the shut-off valve rotate the blue handle (2) through 90° clockwise (The handle latches back into position on its own).

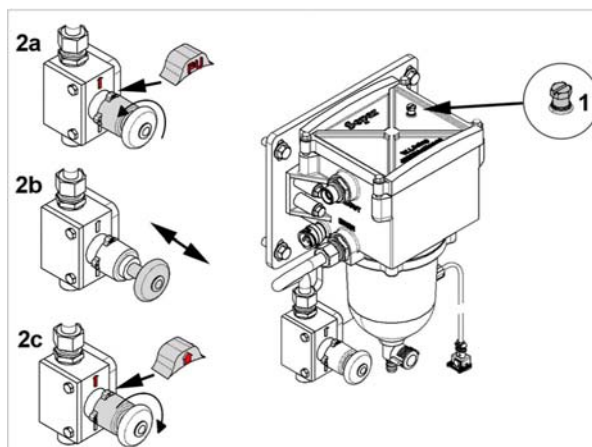


8.4.11 Vent the fuel prefilter

1. Rotate the marking (2a) „PU“ in the direction of the arrow (anti-clockwise).
2. Actuate the manual supply pump (2b) until bubble-free fuel emerges at the vent screw (1).
3. Close the vent screw.

Tightening torque 6 Nm

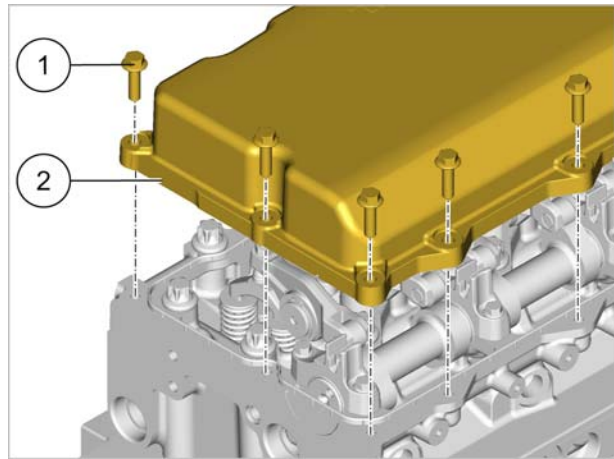
4. For starting the diesel engine rotate the marking (2c) in the direction of the arrow (clockwise).



Maintenance and Care

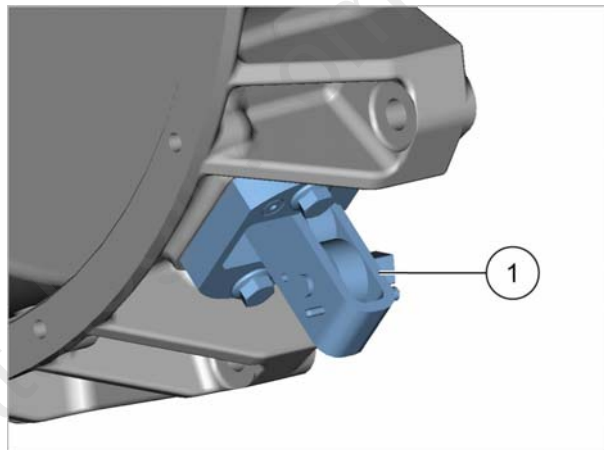
Fit cylinder head cover

1. Check the gasket in the cylinder head cover (2), replace if necessary
2. Place the cylinder head cover (2) on the cylinder head
3. Screw in mounting bolts (1).
4. Tighten mounting bolts (1) to 10 Nm in accordance with the tightening sequence



Install engine cranking device

1. Remove cover from flywheel housing/timing case.
2. Fit engine cranking device (1) to flywheel housing.



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