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Assembly Instruction EHC HT20 Light

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Description EHC HT20 Light filter

EHC HT filter for diesel engines.

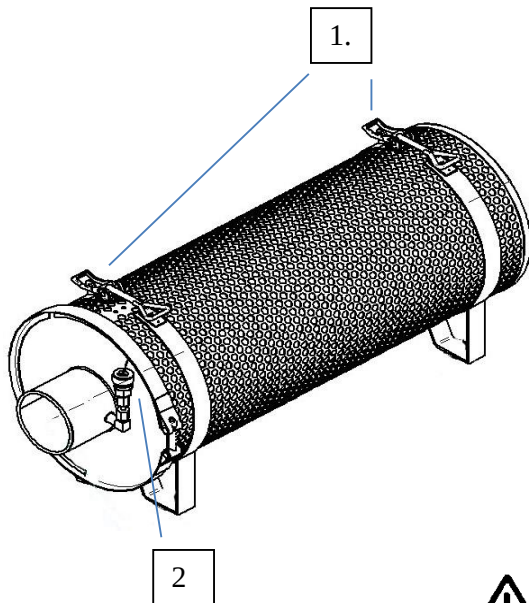
The HT filter is rust protected by zinc. Coating.

The unit can be mounted horizontal or vertically.

Maximum temperature, exhaust: 250°C

Mounting:

1. The unit is mounted using the two clamping rings (1), to the intended machine.
2. The mechanical pressure guard (1) vents when filter replacement is necessary. Replace the membrane of the pressure guard when the filter cartridge replacement is made.



Important! Mount the device vibration-free

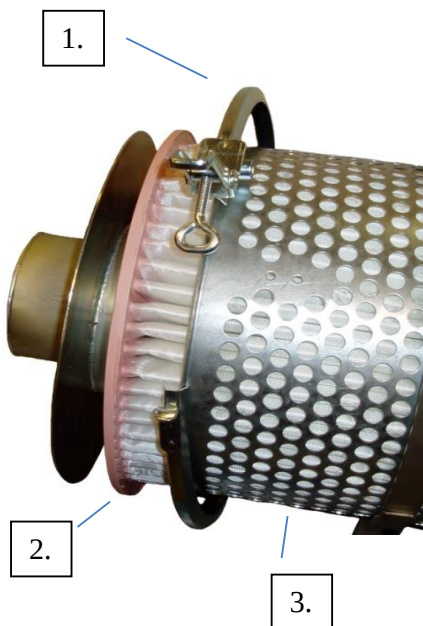
For the measurements of the filter unit and connections, see technical data

Filter replacement



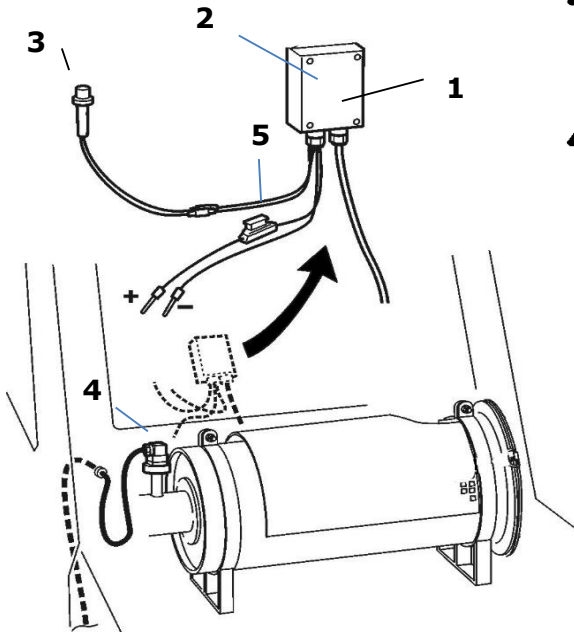
Warning:! Filter may be hot at filter change.

1. Loosen eccentric locks (1) on the filter housing.
2. Remove the filter element (2) from the filter container (3) and insert the new filter cartridge.



The used filter can be disposed of as combustible waste.

Electrical pressure switch 12/24V (Option)



Important! Beware of not breaking the moisture blocking sealing on the guard at the assembly.



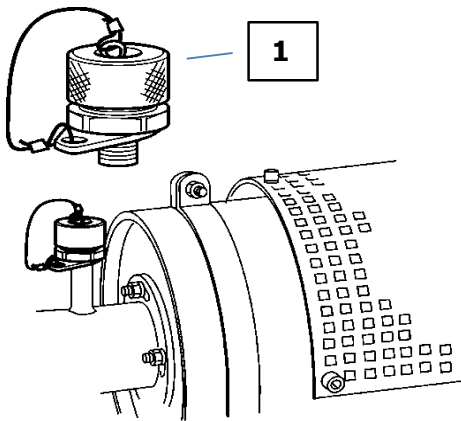
Important! Mount the delay relay protected in the cabin IP54)

The electrical pressure switch has a buzzer that sounds and a lamp that lights up when filter change is necessary. Pressure switch (4) is screwed into the existing socket on the unit as image.

Electrical connection + linked to the ignition switch, and - to the battery.

Mount the coupling device according to IP54¹.

1. Delay relay, ~2min.
2. Buzzer
3. Lamp
4. Pressure switch
5. Fuse, 2A



Mechanical pressure guard

The mechanical pressure guard (1) vents when filter replacement is necessary. Replace the membrane of the pressure guard when the filter cartridge replacement is made.

[1] IP54=Dust cover and withstand water spray from all angles

Technical data:

EHC HT Filter separates >99% (>0,12μ) of the particles in the exhaust.

Maximum temperature, exhaust: 250°C

Max. K-Value recommended: 1.3

Weight: 7,5kg

Life expectancy depends on engine size, engine type, the engine used and engine condition.

EHC HT Filter meet the exhaust requirements:

- TÜV Fahrzeug GmbH, S-129.99.001.00
- TRGS 554 (D)
- VERT Filter List: B416/06.15 (CH)
- COSHH (GB)

