



Maintenance schedule VN/93

Procedure no:	ance steps should be performed while engine is stopp What to do:	Interval & Part kit to be used:
Procedure 1	 Check the negative pressure with u-tube manometer or digital manometer. Adjust if necessary! Setting level is 55.00 – 65.00 mmWC! Replace the sintered bronze air filter/fresh air filter in the measuring head. Clean both infrared sensor glasses in the measuring head with cotton pins and cleaning fluid. Perform functional test with test glass kit. 	Every 3 months or 2 000 engine running hours – whatever comes first! Kits to be used: Filter kit VN/93 – P/n.: 151490BU Cleaning kit – P/n.: 151482 Test glass kit – P/n.: 11072
Procedure 2	 Replace filter in pressure regulator. If you have a water separator: Replace filter cartridge of water separator. 	Every 6 months or 4 000 engine running hours – whatever comes first! Filter cartridge – P/n.: 273119
Procedure 3	Replace complete service kit on OMD. Clean the inside & outside of base plate. Check suspension on vibration plate – replace if necessary! Check performance of pressure regulator- replace parts if necessary! Clean suction pipes/ pipe system and siphon blocks with compressed air! Check scavenging air outlet behind the control cover manually (low-right) by feeling the air stream.	Every 12 months or 8 000 engine running hours – <u>whatever comes first!</u> Yearly maintenance kit for: VN 115/93 – P/n.: 100153-151489 VN 116/93 – P/n.: 100154-151487 VN 215/93 – P/n.: 100155-151488 Mounting system – P/n.: 10991
Procedure 4	Authorized service personnel will perform an inspection of complete OMD installation. Condition of main parts to be checked and replaced if necessary! For authorized service contact: epp@epp.no or phone: +47 92 46 32 20!	Every 24 months or 16 000 engine running hours – whatever comes first! Yearly maintenance kit for: VN 115/93 – P/n.: 100153-151489 VN 116/93 – P/n.: 100154-151487 VN 215/93 – P/n.: 100155-151488 Mounting system – P/n.: 10991 Cleaning kit – P/n.: 151482 Smoke test kit – P/n.: 151780
Procedure 5	Authorized service personnel will perform an inspection of complete OMD installation. Condition of main parts to be checked and replaced if necessary! For authorized service contact: epp@epp.no or phone: +47 92 46 32 20!	Every 48 months or 32 000 engine running hours – whatever comes first! Yearly maintenance kit for: VN 115/93 – P/n.: 100153-151489 VN 116/93 – P/n.: 100155-151487 VN 215/93 – P/n.: 100155-151488 Mounting system – P/n.: 10991 Cleaning kit – P/n.: 151482 Smoke test kit – P/n.: 151780 Exchange oil mist detector components for: VN 115/93 – P/n.: 11200EXP P/n.: 11201EXP VN 116/93 – P/n.: 11400EXP P/n.: 11401EXP VN 215/93 – P/n.: 10900EXP P/n.: 10901EXP





Procedure 1:



1. Check the negative pressure with a u-tube manometer. Adjust if necessary! Setting level is 55.00 – 65.00 mmWC!



2. Replace the sintered bronze air filter/fresh air filter.



3. Clean the fresh air bones in the measuring head. Use the cleaning needle.



4. Clean the infrared sensor glasses at the left and the right side inside the measuring head. Use cotton sticks and cleaning fluid.

Procedure 2:



1. Close the air pressure.



2. Hold the filter cage in one hand and pull the blue tab down horizontally with your thumb.



3. Turn the filter cage clockwise and pull out downwards.



4. Unscrew the black plastic disc and remove the dirty filter.



Screw in the new filter counter clockwise and make sure that it is aligned for installation.



6. Reinstall the filter cage.



7. Install the quick connection.



8. Fill in slacked water in the u-tube manometer.



9. To the middle line.



10. Install the u-tube manometer.



11. Adjust the air pressure to 55.00 – 65.00 mmWC!

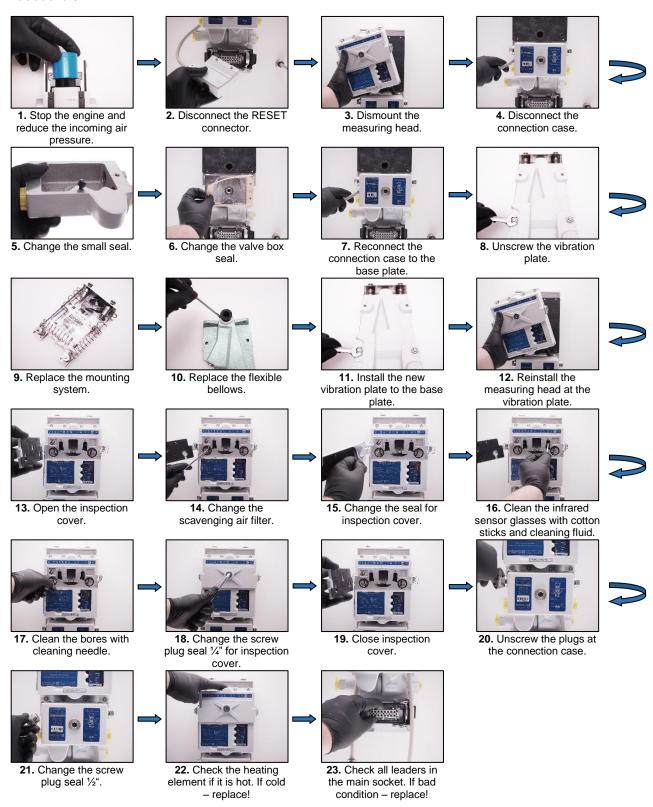


12. Disconnect the u-tube manometer and install the plug for inspection cover.





Procedure 3:







Procedure 4:

Authorized service personnel will perform an inspection of complete OMD installation. Condition of main parts to be checked and replaced if necessary!

Procedure 5:

Authorized service personnel will perform an inspection of complete OMD installation. Condition of main parts to be checked and replaced if necessary!

Recommendation: If authorized service personnel are unable to be used for various reasons, exchange unit set can be replaced. If this option has been performed, please notify us at epp@epp.no.