

Maintenance procedures – 93 (VN115, 116 and 215)



CAUTION! Maintenance work has to be done when engine is stopped.

Step	Description	Interval (whatever comes first)								Operating Manual section	Required Parts / Tools
	Hours	2.000	4.000	6.000	8.000	10.000	12.000	14.000	16.000		
	or Months	3	6	9	12	15	18	21	24		
1	Check negative pressure in Measuring Head: - under 55 mmWC -> adjust pressure - between 55 mmWC and 65 mmWC - > o. k. - between 65 mmWC and 85 mmWC -> adjust pressure - over 85 mmWC -> check pressure regulator unit	X	X	X	X	X	X	X	X	3.1, p 29	270532 U-Tube Gauge Kit, or 151800 Digital pressure gauge
2	Clean infrared filters in measuring head	X	X	X	X	X	X	X	X	5.1, p 43	151482 Cleaning Kit
4	Exchange air filters and fresh air restrictor in measuring head	X	X	X	X	X	X	X	X	5.2, p 43	151490 Maintenance Kit
5	Perform functional test with test glass	X	X	X	X	X	X	X	X	7.1, p 48	270453 Test Plate Kit
6	Exchange air filters in Pressure Regulator Unit		X		X		X		X	5.3, p 44	151490 Maintenance Kit
7	Exchange filter cartridge of water separator (VNXXX/93)		O		O		O		O	8.3, p 61	273119 filter cartridge for water separator
8	Clean suction system with compressed air - ATTENTION, do not forget to refill the siphon blocks				X				X	3, p 29-33	Compressed Air
9	Check bellows for cracks and suspensions between measuring head and baseplate				X						
10	Check scavenging air outlet behind the control cover manually (low-right) by feeling the air stream				X				X		
11	Perform functional test of entire OMD system with smoke generator								S		Schaller Service 151067 smoke generator (110V) resp. 150740 (230V)
12	Overhaul complete OMD, incl. exchange bellows and suspension								S		Schaller Service 151482 Cleaning Kit Service Kit, as per model: VN115 - 151489 VN116 - 151487 VN215 - 151488

Legend

X – Work to be done by crew

O – Optional, only if optional water separator is installed

S – Executed only by authorized Schaller service team or partners