



Verteiler: Jenbacher Service
Subsidiaries Service
Service Partner

GE Jenbacher GmbH & Co OHG
Achenseestr. 1-3
A-6200 Jenbach, Austria

T +435244 600-2720
thomas.hofer@ge.com

Service Technician Instruction **ST – 041** 12. April 2006

Optional retrofit: Crankcase ventilation for J320GS

The retrofit increases the oil separation rate and reduces the contamination of the intake line.

figure 1.)

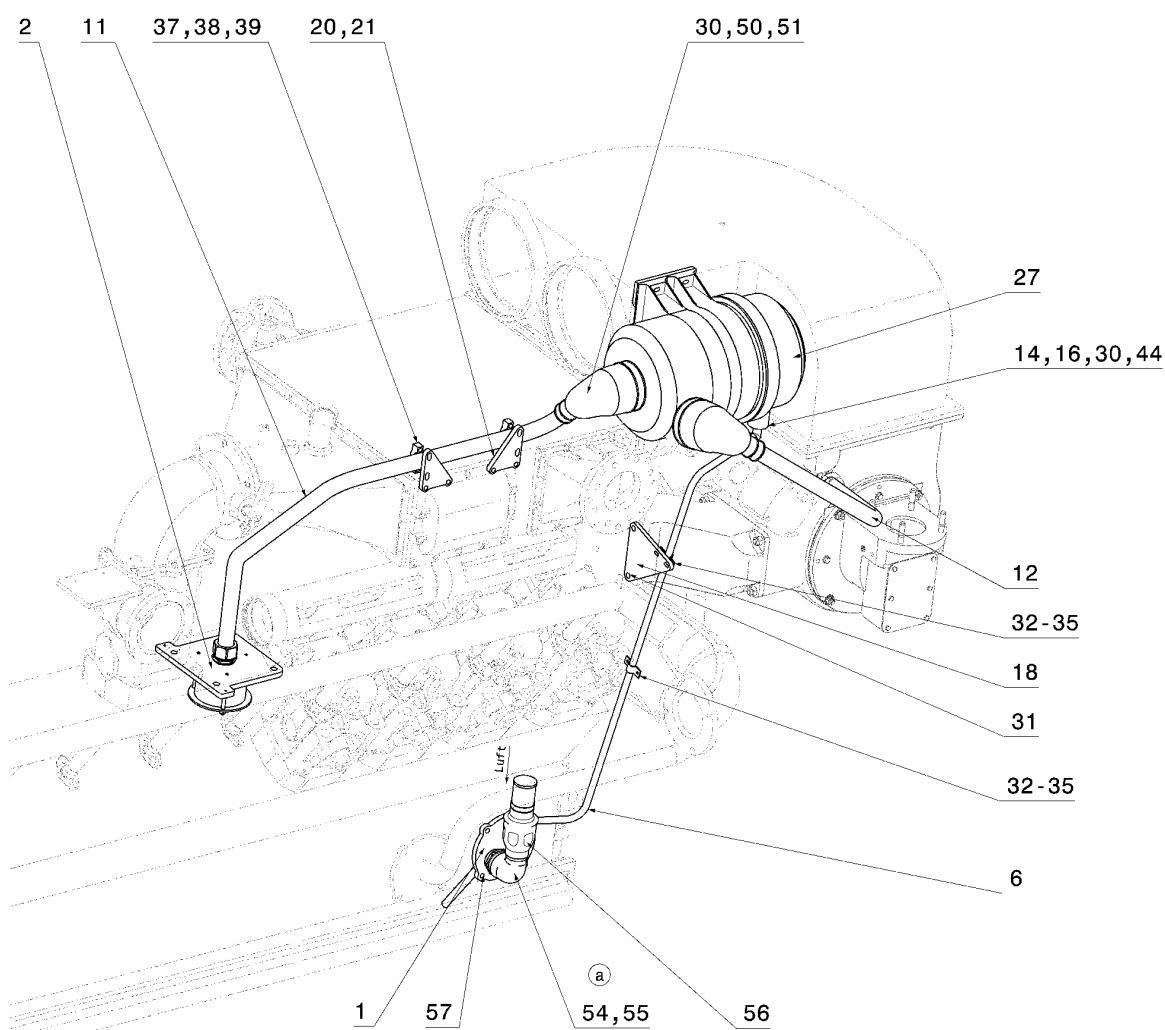
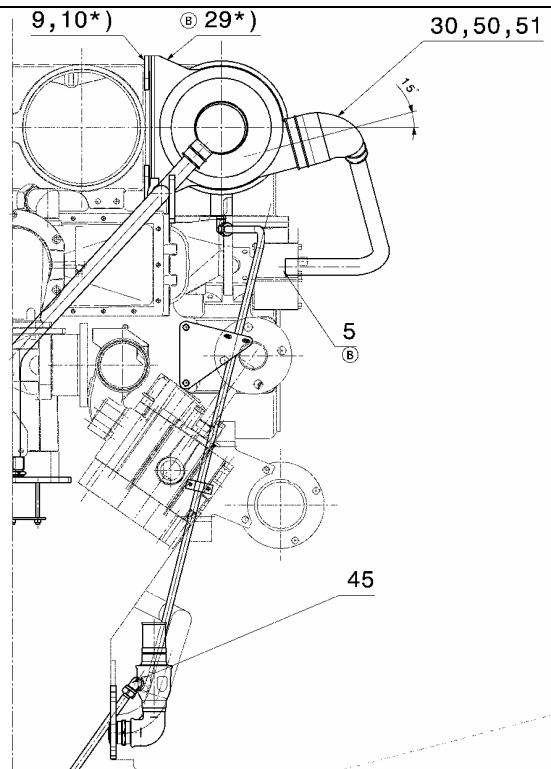
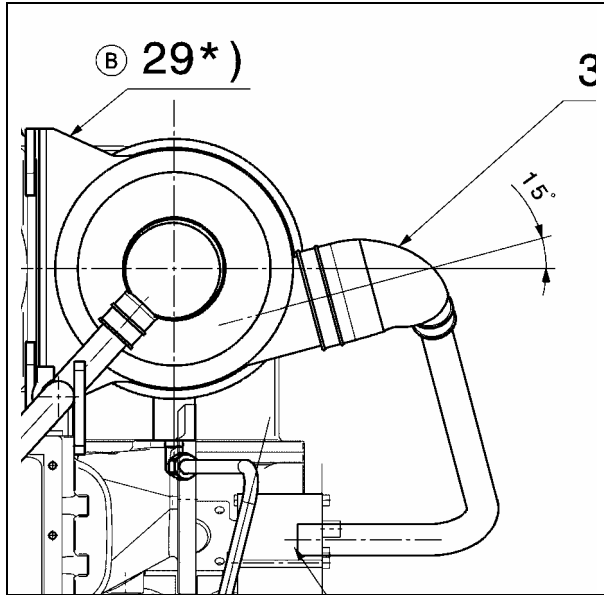


figure 2.)

During assembling make sure that the drain pipe end of the oil separator is at the correct position.
The pipe end should be in a position of $+15^\circ$.



A reduction optimizes the negative pressure in the blow-by line P/N 467788.
Engine operation is forbidden without the reduction.

figure 3.)

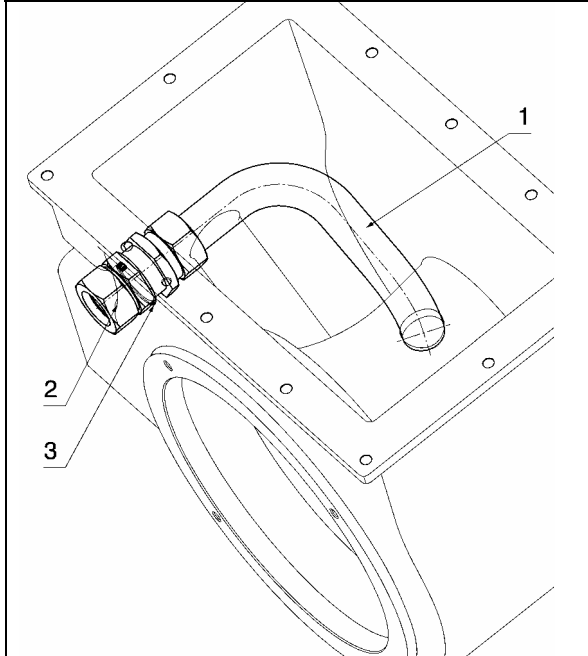


Disconnect

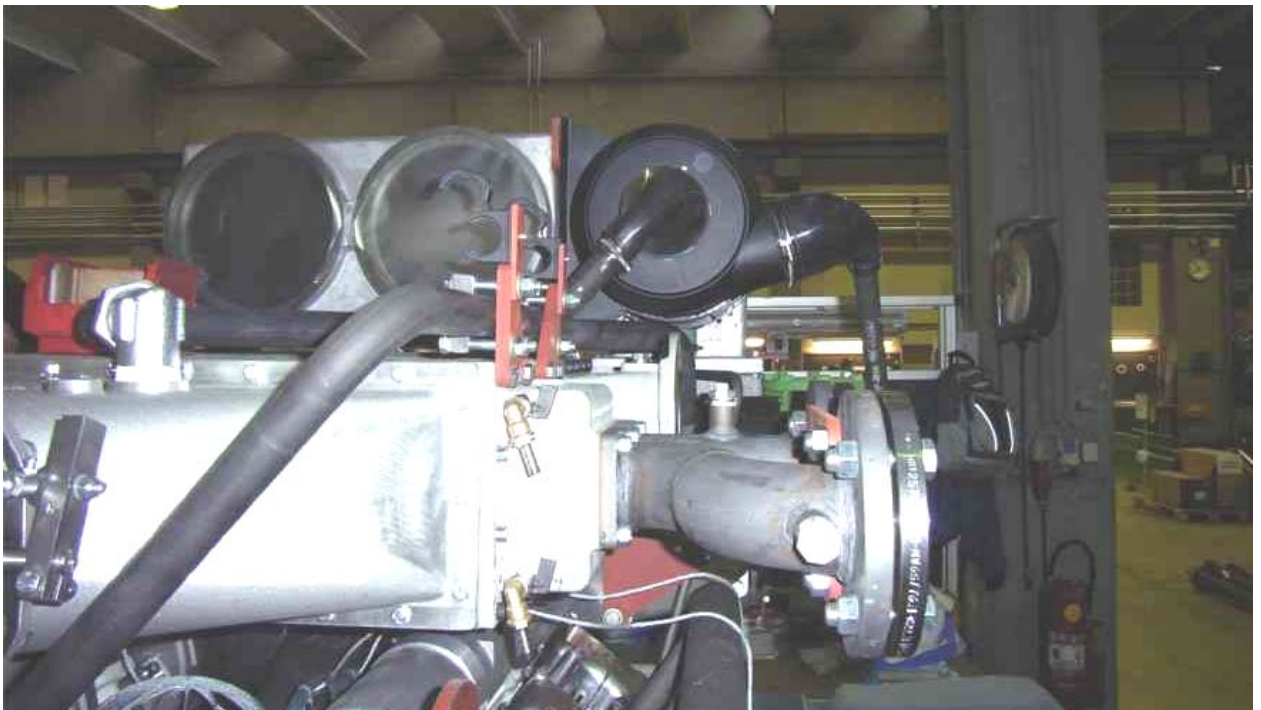
Insert the reduction P/N 467788

Reconnect

figure 4.) housing with intake line 451517











Necessary spare parts:

Crankcase ventilation figure 1.) / 2.)			
Pos. No.	amount	P/N	item
1	1	453611	cover
2	1	434417	crankcase ventilation
6	1	434327	oil drain line
9	2	433018	supporter
10	4	100414	hexagon head screw
11	1	434041	line
12	1	453541	line
14	1	414822	connecting piece
16	1	414826	hose section
18	1	434396	supporter
20	2	433966	supporter
21	4	114925	hexagon head screw
27	1	413696	oil seperator
28	2	413722	supporter
29	4	100420	hexagon head screw
30	3	101709	hose clip
31	2	100477	hexagon head screw
32	2	106003	pipe clamp
33	4	100403	hexagon head screw
34	4	101714	lock nut
35	4	101715	spacer ring
37	2	433930	Haltebügel
38	4	100462	hexagon head screw
39	4	101879	lock nut
44	1	338273	ellbow fitting
45	1	101941	ellbow fitting
50	2	433282	reduction
51	2	106259	hose clip
54	1	117276	ellbow fitting
55	1	110428	nipple
56	1	453594	non-return valve
57	4	100441	hexagon head screw

figure 3.)			
Pos. No.	amount	P/N	item
	1	467788	reduction

intake connection - figure 4.)			
Pos.No.	amount	P/N	item
	1	451517	housing
1	1	451545	line
2	1	451793	Straith threaded connection
3	1	104736	gasket

crankcase cover			
Pos.No.	amount	P/N	item
	1	264042	cover
	4	100470	hexagon head screw M12x30

The following spare parts are necessary if they do not exist already.

air connection housing			
Pos.No.	amount	P/N	item
	1	435449	air connection housing

Modification of the bypass line: from G1 ¼" to G 1 ½"			
Pos.No.	amount	P/N	item
	1	409588	Bypass line
	1	409317	elbow fitting G 1 ½"
	1	408499	header G 1 ½"
	1	107725	gasket
	1	225441	gasket
	1	225142	gasket