

AGROSAL d.o.o.



Super CHD 1503



AGROSAL d.o.o.

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**LOMBARDINI**

A KOHLER COMPANY

Group: CHD-SUPERCHD

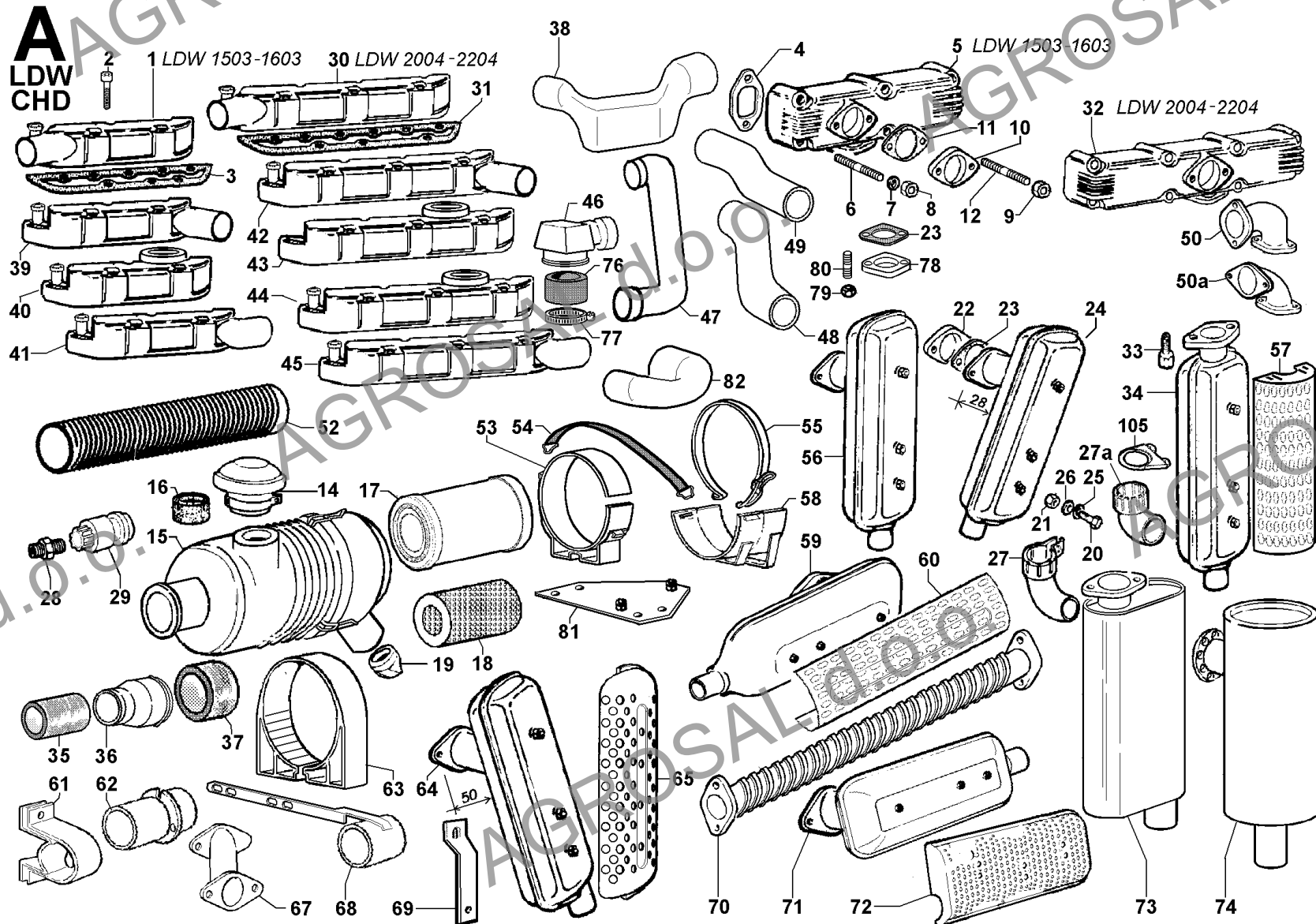
Engine: LDW 1503 Drawing: A

INTAKE AND EXHAUST

POS.	CODE	DESCRIPTION	Qty
1	2486.342	inlet manifold	1
2	9730.035	screw M 8 X 65	5
3	4420.084	gasket	1
4	4420.071	gasket	3
5	2486.236	eXhaust manifold	1
5	2486.298	eXh.manifold two outlets	1
6	6780.028	stud M 8 X 55 (67)	6
8	3240.163	nut M 8	6
10	3815.013	eXh.flange h=7,5	1
11	4501.118	gasket	1
12	6780.171	stud M 8 X 22	2
14	2136.053	filter cap (5'' air cleaner)	1
14	2136.054	filter cap (7'' air cleaner)	1
15	3700.455	dry air cleaner (5'') with safety cartridge	1
15	3700.456	dry air cleaner 5''	1
15	3700.457	dry air cleaner 7''	1
16	9346.019	rubber hose	1
17	2175.124	main cartridge 5''	1
17	2175.126	main cartridge 7''	1
18	2175.125	safety cartridge 5''	1
19	6491.031	discharging elbow	1
20	1770.005	bolt M 8 X 1,25 X 22	1
21	3240.018	nut M 8	1
22	3815.013	eXh.flange h=7,5	1
23	4501.118	gasket	1
24	5460.291	muffler with horiz.inlet flange	1
25	7365.007	washer diam. 8	1
26	7625.019	washer diam.10	1
27	9170.050	muffler end (d.43,5/42)	1
27	9170.052	muffler end (diam. 39,5/42)	1
27a	9170.046	muffler end (d.52/46)	1
28	7320.012	union	1
29	9700.100	dust indicator	1
33	1770.006	bolt M 8 X 1,25 X 25	2
34	5460.203	muffler (vertical type)	1
35	9346.020	rubber hose diam. 60Xd.70X140	1
36	9346.026	iron pipe	1
38	9315.015	air hose	1
39	2486.367	inlet manifold	1
40	2486.365	inlet manifold	1
41	2486.402	inlet manifold	1
46	9365.018	orientable pipe	1
47	5365.081	7'' dry air cl.union hose	1
47	5365.082	5'' dry air cl.union hose	1
49	5365.102	5'' dry air cleaner hose (with single circuit water cooler)	1
49	5365.103	5'' dry air cleaner hose (with double circuit water cooler)	1
50	2940.087	eXhausting elbow	1
50a	2941.097	eXhausting elbow	1
52	9320.142	union pipe (mm 700)	1
53	3617.187	clamp for fixing of 5'' dry air clean.	1
53	3617.188	clamp for fixing of 7'' dry air clean.	1
54	2440.311	fixing belt	1
55	3617.190	clamp for fixing of 7'' dry air clean.	1

INTAKE AND EXHAUST

POS.	CODE	DESCRIPTION	Qty
55	3617.191	clamp for fixing of 5'' dry air clean.	1
56	5460.292	exhaust muffler	1
58	8741.117	5'' dry air cleaner support	1
59	5460.197	exhaust muffler	1
61	8545.361	brace	1
62	9410.082	prefilter support	1
63	8545.566	support diam 153 for air cleaner 5''	1
64	5460.326	muffler with 40° rotate inlet flange	1
65	6927.128	muffler guard	1
67	2942.066	air cleaner elbow	1
68	8545.549	5'' dry air cleaner support	1
69	8545.377	bracket	1
70	9541.057	exhausting pipe	1
71	5460.248	muffler	1
72	6927.172	muffler guard	1
73	5461.003	exhaust muffler	1
76	4740.046	gasket	1
77	3630.153	clamp	1
78	6300.018	plate	1
79	3240.163	nut M 8	2
80	6780.171	stud M 8 X 22	2
81	8545.654	5'' air cleaner support on flanging bell	1
82	5365.140	5'' air cleaner hose on flanging bell	1
105	3617.081	clamp	1



**LOMBARDINI**

A KOHLER COMPANY

Group: CHD-SUPERCHD

Engine: LDW 1503 Drawing: I

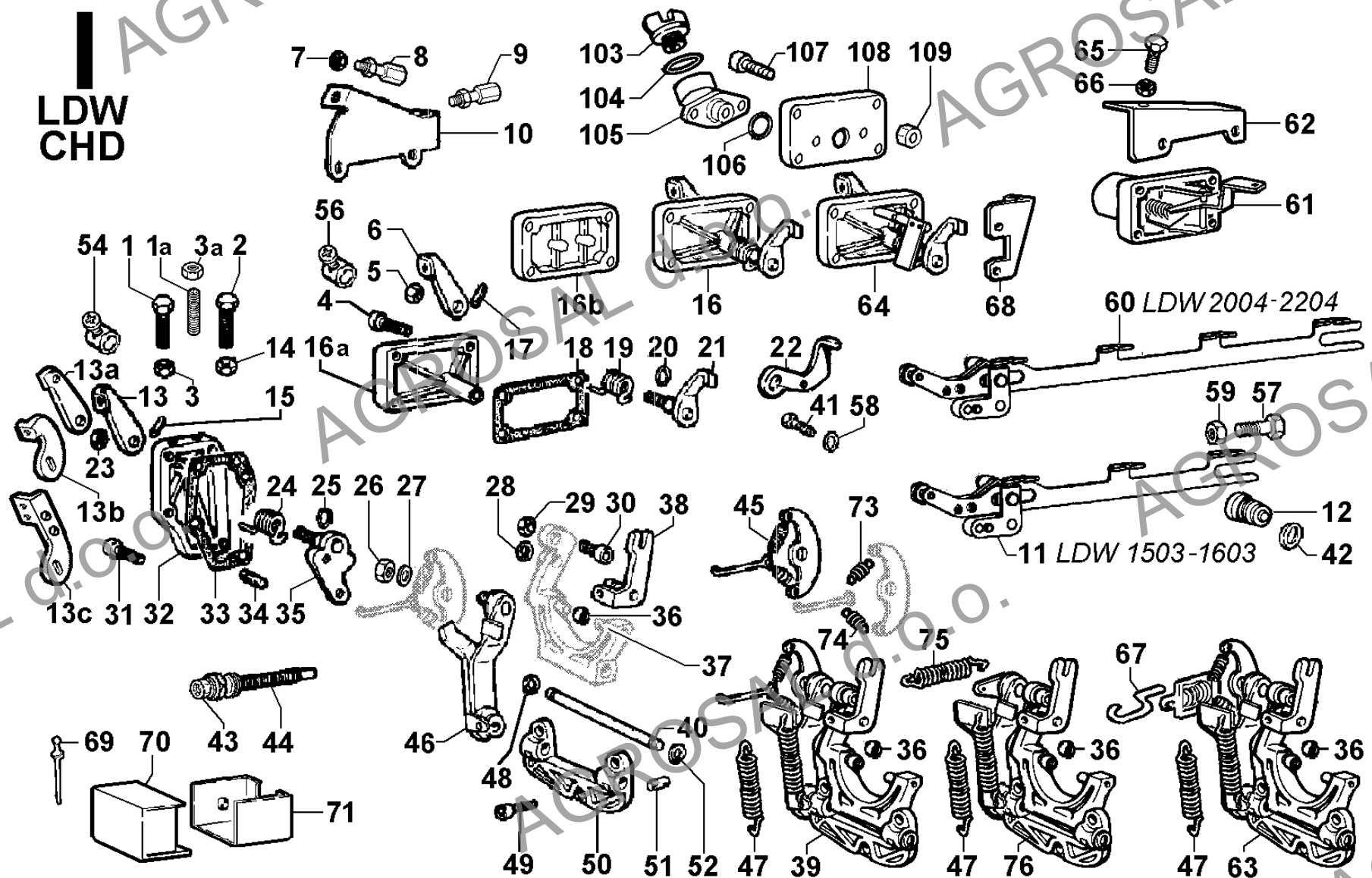
CONTROLS

POS.	CODE	DESCRIPTION	Qty
1	1760.028	bolt M 6 X 1 X 35	1
1a	9765.169	screw M 6 X 40 (EPA)	1
2	1760.028	bolt M 6 X 1 X 35	1
3	3240.153	nut M 6	1
3a	3300.237	nut (EPA type)	1
4	9730.009	screw M 6 X 12	4
5	3240.164	nut M 8	1
6	«-----»	see Pos. 16/64	0
7	3240.019	nut M 8 alpha brass	2
8	9180.193	wire end	1
10	5060.008	support	1
11	1380.030	injection pump control rod	1
12	4190.103	locking nut	1
13	«-----»	see Pos. 32	0
14	3240.153	nut M 6	1
15	8430.004	tapper pin	1
16	2516.105	control stop ass.y	1
16a	«-----»	cover (see Pos. I 16/164)	0
16b	2700.046	cover	1
17	8430.004	tapper pin	1
18	4431.205	gasket	1
19	«-----»	recovery spring	0
20	1200.052	O ring	1
21	«-----»	see Pos. 16/64	0
23	3240.164	nut M 8	1
24	«-----»	recovery spring	0
25	1200.052	O ring	1
26	3203.048	nut M 6	1
27	7625.070	washer diam. 6	1
28	«-----»	see Pos. 39	0
31	9730.009	screw M 6 X 12	4
32	2516.165	CONTROL ASS.Y	1
32	2516.168	REMOTE ACCEL.CONTROL with lever pos.13c	1
32	2516.198	REMOTE ACCEL.CONTROL with lever pos.13b	1
32	2700.041	throttle cover	1
33	4431.206	gasket	1
34	8400.048	taper pin	2
35	«-----»	see Pos. 32	0
36	1970.203	sleeve	2
37	«-----»	see Pos. 39	0
39	5200.900	governor lever 2201-2900	1
39	5200.901	governor lever 1500 R.P.M.	1
39	5200.902	governor lever 1800-2200	1
39	5200.906	governor lever 3000 R.P.M.	1
40	6140.408	lever shaft	1
41	9730.198	screw M 6	1
42	4670.021	copper gasket diam.18	1
43	3240.152	device nut	1
44	12380.522	locked torque device (1500/1800 R.p.M.)	1
44	8576.119	eXtra fuel device 2800 -> 3000 Rpm/1'	1
44	8576.120	eXtra fuel device -> 2800 Rpm/1'	1
45	1541.119	spring brace 2201-2900 R.P.M.	1
45	1541.120	spring brace 1800-2200 R.P.M.	1

Group: CHD-SUPERCHD
Engine: LDW 1503 Drawing: I

CONTROLS			
POS.	CODE	DESCRIPTION	Qty
45	1541.201	spring brace 3000 R.P.M.	1
45	1541.218	spring brace 1500 R.P.M.	1
46	«-----»	gover.lever spring - see Pos ./ 39/63/76	0
47	5801.208	device spring	1
48	1240.002	circlip diam. 8	1
49	9730.010	screw M 6 X 16	3
50	«-----»	see remarks	0
51	8460.055	locating dowel	2
52	1240.002	circlip diam. 8	1
54	5830.119	nut	1
56	6000.016	nut	1
57	1760.128	adjusting bolt M 6X25	1
58	7625.124	washer diam. 6,5	1
59	3240.153	nut M 6	1
64	2516.177	contr.stop with antihunting device	1
69	7481.070	nail	2
70	5168.071	safety plate	1
71	5168.070	safety plate	1
73	5655.135	governor spring 2800÷3000 R.P.M.	1
73	5655.154	governor spring 1500÷1800÷2200 R.P.M.	1
73	5655.156	governor spring 1500 R.P.M.	1
74	5655.129	governor spring 3000 R.P.M.	1
74	5655.135	governor spring 2800÷3000 R.P.M.	1
74	5655.154	governor spring 1500÷1800÷2200 R.P.M.	1
103	9032.086	filler oil cap	1
104	1200.082	O ring 3106	1
105	1570.059	oil filler	1
106	1201.084	O ring 2093	1
107	9730.012	screw M 6 X 20	2
108	2700.057	cover	1
109	3203.050	selflocking nut M 6	2

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CHD**



**LOMBARDINI**

A KOHLER COMPANY

Group: CHD-SUPERCHD

Engine: LDW 1503 Drawing: G

COOLING SYSTEM

POS.	CODE	DESCRIPTION	Qty
1	«-----»	see Pos. 16	0
2	4420.094	O ring	1
3	4670.019	copper gasket diam.16	1
3	4670.061	copper gasket diam.14	1
4	9195.030	thermostat M 14 for water warning light	1
4	9195.077	thermostat M 16 for water warning light (110°C)	1
4	9195.086	thermostat M 14 for water warning light (100°C)	1
5	7285.024	connection	1
6	9305.019	water pipe	1
7	3630.147	clamp diam.12-22	2
8	7285.024	connection	1
9	«-----»	see Pos. 30b/30c	0
11	9730.100	screw M 8 X 25	1
12	9732.074	screw M 8 X 20	2
13	6975.310	pulley	1
13	6975.315	pulley for blower fan d.380 - 8 blades	1
14	9195.092	thermal eXpans.valve	1
15	«-----»	see Pos. 30b/30c	0
16	4896.214	THERMOSTAT ASS.Y	1
16	4896.678	THERMOSTAT ASS.Y	1
16	4896.681	THERMOSTAT ASS.Y	1
17	9730.100	screw M 8 X 25	5
18	1200.239	O ring	1
20	4580.178	gasket	1
21	«-----»	see Pos. 30b/30c	0
23	9730.018	screw M 6 X 45	4
24	7625.062	washer diam. 6,5	4
25	9718.251	suction fan diam.350 - 6 blades	1
25	9718.324	blower fan d.350 - 6 blades	1
26	9865.258	screw M 16 X 1,5 left rotation	1
27	«-----»	washer	0
28	2400.115	belt mm 975	1
28	2400.116	belt mm 940	1
28	2400.117	belt mm 1010	1
29	6975.318	driving pulley diam. 118 + Ø = 60	1
29	6975.340	driving pulley diam. 118 + Ø = 50 (GOLDONI)	1
30	«-----»	water pump not fitted for heating cab	0
30b	6584.445	heat.cab w.pm	1
30c	6584.447	lowered heat.cab w.pm	1
31	9732.064	screw M 8 X 30	1
32	8400.048	taper pin	1
33	9730.100	screw M 8 X 25	3
34	9732.037	screw M 10 X 40	1
35	1200.116	O ring	1
36	«-----»	bolt M 6X12	0
37	3630.038	clamp diam. 32-52	2
38	1770.006	bolt M 8 X 1,25 X 25	3
39	3203.075	nut M 8	2
40	«-----»	nut	0
41	3630.038	clamp diam. 32-52	2
42	7350.265	water cooler double circuit 480X388 with disch.shut off	1
43	«-----»	washer	0
45	7625.098	washer diam. 8,4	4

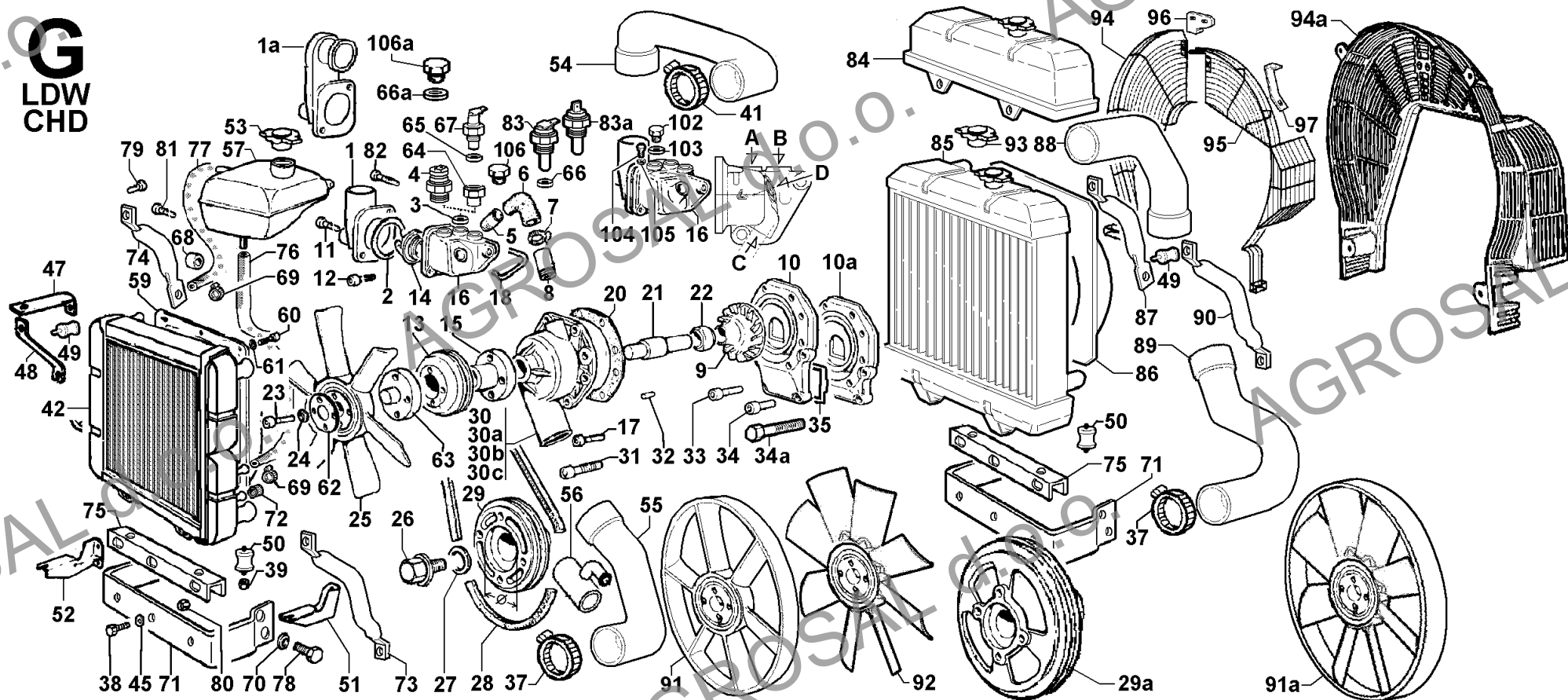
COOLING SYSTEM

POS.	CODE	DESCRIPTION	Qty
46	«-----»	washer	0
49	8636.154	vibration-damping Ø 25	2
50	8636.145	vibration-damping Ø 30	2
51	«-----»	support	0
53	9000.114	water cooler/bowl cap	1
54	5365.089	water hose	1
55	5365.090	water hose	1
56	«-----»	hose	0
57	9710.105	BOWL	1
58	«-----»	screw	0
59	2569.750	shroud for water cooler 7350.093/7350.265 (with diam. 350 no re	1
60	9730.008	screw M 6 X 10	3
61	7625.009	washer diam. 7	3
62	6275.147	plate	1
63	3855.158	flange	1
64	2501.116	hollowstud	1
65	4670.061	copper gasket diam.14	1
67	9195.050	sensor M 14 for electrical thermometer	1
68	3527.160	spacer	1
69	3630.147	clamp diam.12-22	2
70	7645.007	washer diam.12	4
71	8850.052	support	1
72	9080.207	plug	1
73	9265.152	brace	1
74	9265.153	brace	1
75	9285.046	cross bar	1
76	9305.086	water hose mm 1200 diam.12	1
77	9305.087	water hose mm 1100 diam.13	1
78	9730.068	screw M 12 X 25	4
79	9732.075	screw M 8 X 50	1
80	3203.075	nut M 8	3
81	9732.084	screw M 6 X 12	2
82	9730.031	screw M 8 X 40	1
83	9195.094	sensor M 14 (12-24V) for preheating plug control box	1
84	«-----»	bowl	0
85	7350.270	water cooler (triple circuit-aluminium) 403X480	1
86	2569.485	shroud for water cooler 7350.193/7350.270 and diam. 350 reinfor	1
86	2569.750	shroud for water cooler 7350.193/7350.270 and diam. 350 blower	1
87	9265.148	single circuit radiator fiX.brace	1
87	9265.188	single circuit radiator fiX.brace	1
88	5365.092	connection hose	1
89	5365.091	connection hose	1
90	9265.149	single circuit radiator fiX.brace	1
90	9265.189	single circuit radiator fiX.brace	1
91	9718.325	suction fan diam.350 (reinforced type - 6 blades)	1
92	9718.264	blower fan d.380 - 8 blades	1
93	9000.184	water cooler cap (0,9 bar)	1
94	6927.356	control side fan guard	1
95	6927.355	alternator side fan guard	1
96	8545.649	bracket	1
97	8545.648	bracket	1
102	8965.007	plug M 16	1
103	4670.019	copper gasket diam.16	1

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**LOMBARDINI**

A KOHLER COMPANY

Group: CHD-SUPERCHD

Engine: LDW 1503 Drawing: E

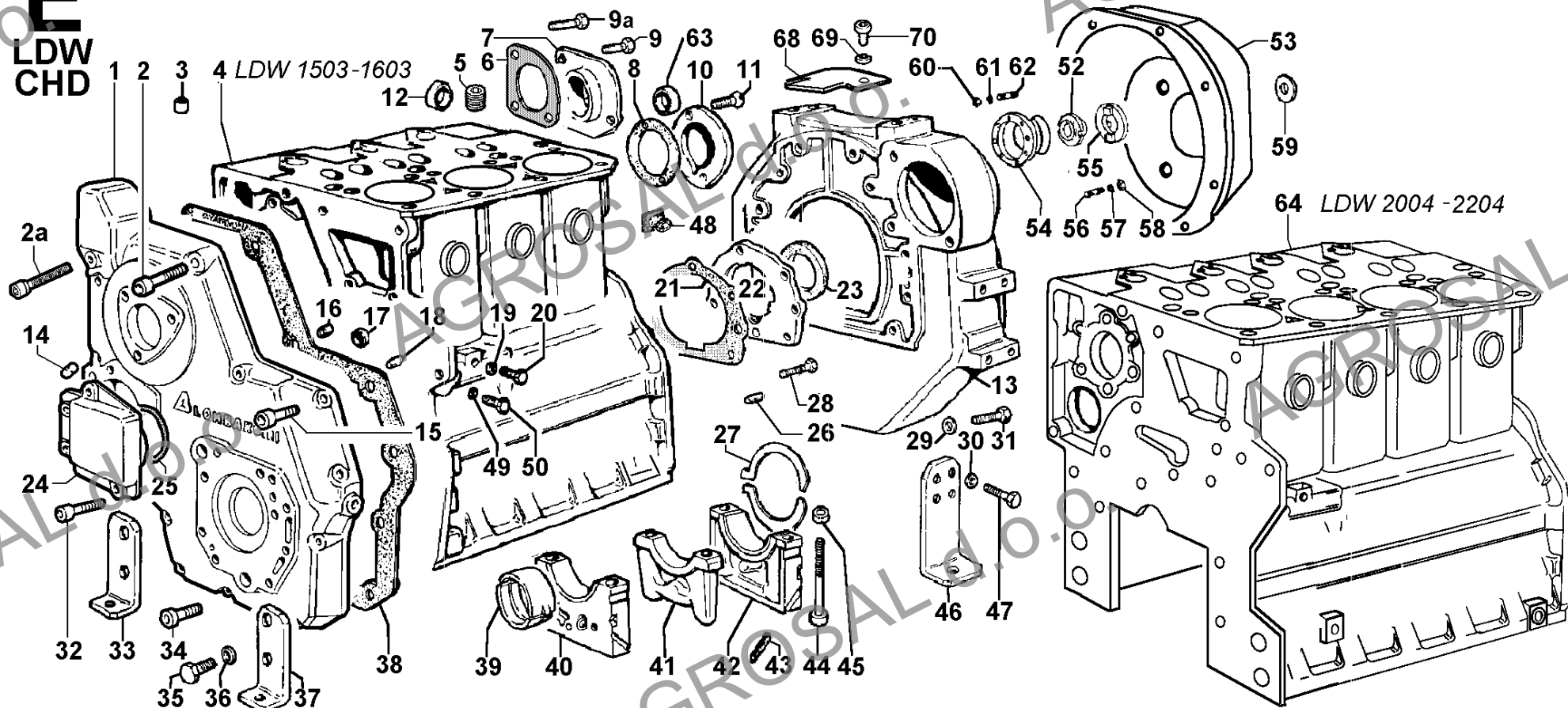
CRANKCASE/GEAR COVER/MOUNTS

POS.	CODE	DESCRIPTION	Qty
1	6658.015	gear side cover	1
2	9732.075	screw M 8 X 50	2
2a	9820.179	special screw M 8 X 65	1
3	1970.141	sleeve	2
4	1510.875	CRANKCASE	1
5	9765.180	screw M 8 X 10	1
6	4580.185	gasket	1
7	2650.062	cover	1
8	4431.207	gasket	1
9	9730.024	screw M 8 X 16	3
9a	9732.074	screw M 8 X 20	1
10	2615.047	camshaft cover	1
11	9800.061	screw M 6 X 16	2
12	8990.022	eXpansion plug diam.30	6
13	2032.353	flanging bell SAE 5	1
13	2032.357	flanging bell	1
14	9765.111	threaded plug	1
15	9730.100	screw M 8 X 25	2
16	9765.109	screw M 14	1
17	9080.140	plug	1
18	8460.055	locating dowel	2
19	4670.061	copper gasket diam.14	1
20	9040.012	plug M 14	1
21	4501.160	gasket	1
22	3790.080	FLANGE	1
23	1213.349	seal ring	1
24	2660.008	cover	1
25	1200.091	O ring	1
26	8400.031	lockpin	2
27	1257.167	thrust washer std	2
27	1257.168	thrust washer +0,10	2
27	1257.169	thrust washer +0,20	2
28	9730.012	screw M 6 X 20	8
29	7565.011	washer diam.10	12
30	7645.007	washer diam.12	8
31	1780.031	bolt M 10 X 1,5 X 25	12
32	9730.010	screw M 6 X 16	4
33	6429.306	engine mount	1
34	9730.031	screw M 8 X 40	8
35	1805.009	bolt M 16 X 1,5 X 35	4
36	7565.015	washer diam.16	4
37	6429.303	engine mount	1
38	4601.205	gasket	1
39	1611.205	middle supp.bearing std.	4
39	1611.206	middle supp.bearing -0,25	4
39	1611.207	middle supp.bearing -0,50	4
40	«-----»	see Pos. 4	0
43	4400.054	gasket	1
44	1862.150	bolt	8
45	1970.141	sleeve	6
46	6429.218	rear side mount	2
47	1780.005	bolt M 10 X 1,5 X 28	8
48	«-----»	plug	0

CRANKCASE/GEAR COVER/MOUNTS

POS.	CODE	DESCRIPTION	Qty
49	4670.058	copper gasket diam. 8,2X12X1,5	2
50	8965.021	plug M 8	2
52	4240.037	coupling	1
53	8836.054	support	1
54	«-----»	halfcoupling	0
55	8061.110	halfcoupling	1
56	6800.020	stud M 10 X 35 (50)	8
57	7565.011	washer diam.10	8
58	3240.033	nut M 10	8
59	1301.075	reduction ring	1
60	3240.033	nut M 10	8
61	7565.011	washer diam.10	8
62	6800.004	stud M 10 X 20 (35)	8
63	8990.054	plug diam. 50	1

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**LOMBARDINI**

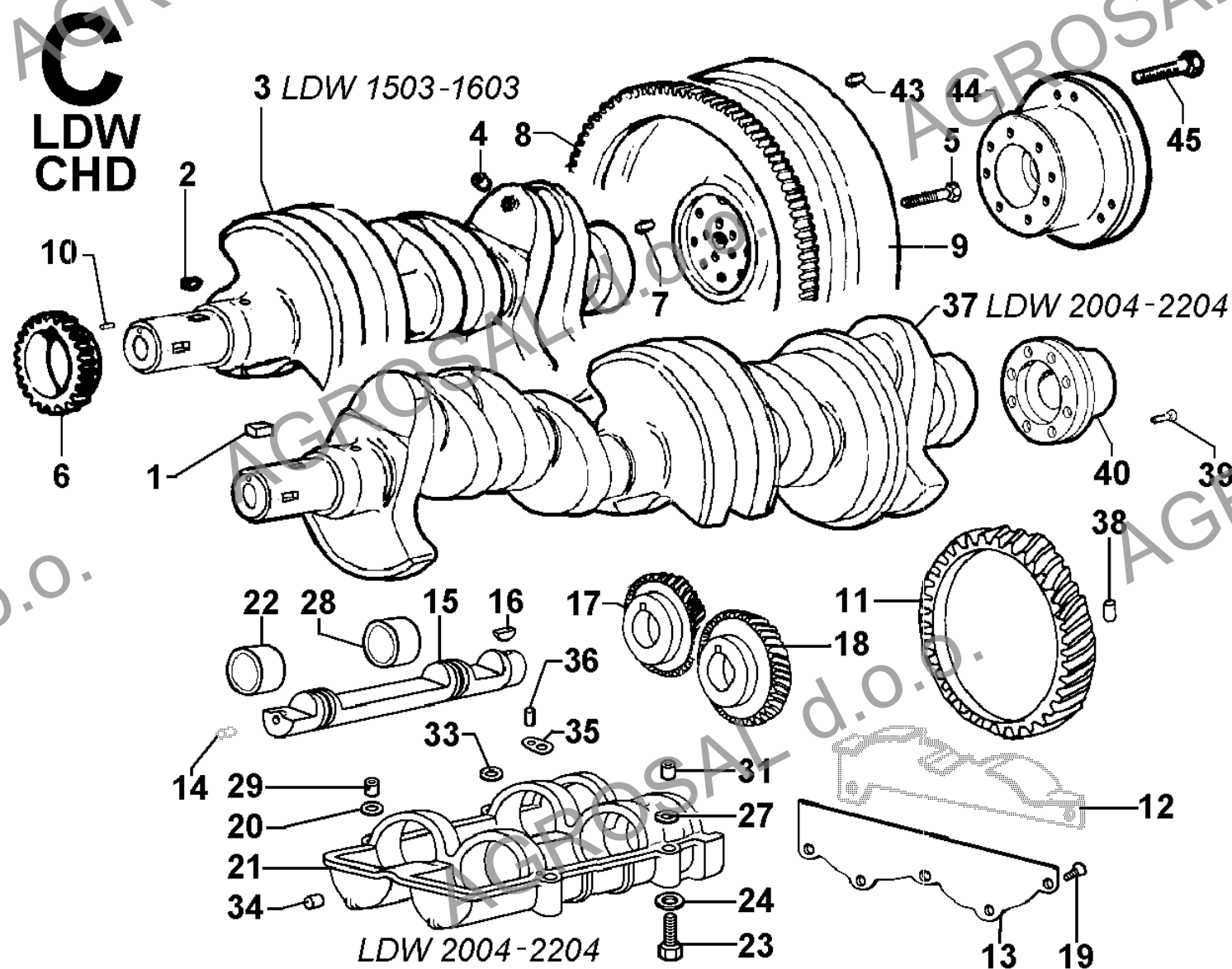
A KOHLER COMPANY

Group: CHD-SUPERCHD

Engine: LDW 1503 Drawing: C

CRANKSHAFT/FLYWHEEL

POS.	CODE	DESCRIPTION	Qty
1	2280.155	oil pump key	1
2	2280.082	key	1
3	1051.175	CRANKSHAFT	1
4	9080.132	plug diam. 6	3
5	1862.089	bolt	6
6	4936.167	gear	1
7	8400.120	lockpin	1
8	2816.065	crown gear	1
9	9880.951	FLYWHEEL with CROWN	1
9	9880.961	FLYWHEEL with CROWN for clutch Pitt.& V. F 215	1
10	8430.004	tapper pin	1
43	8430.054	lockpin 7 X 16	2
44	3835.153	clutch flanging Pitt.& V. F 215	1
45	9730.342	screw M 10 X 65	8



**LOMBARDINI**

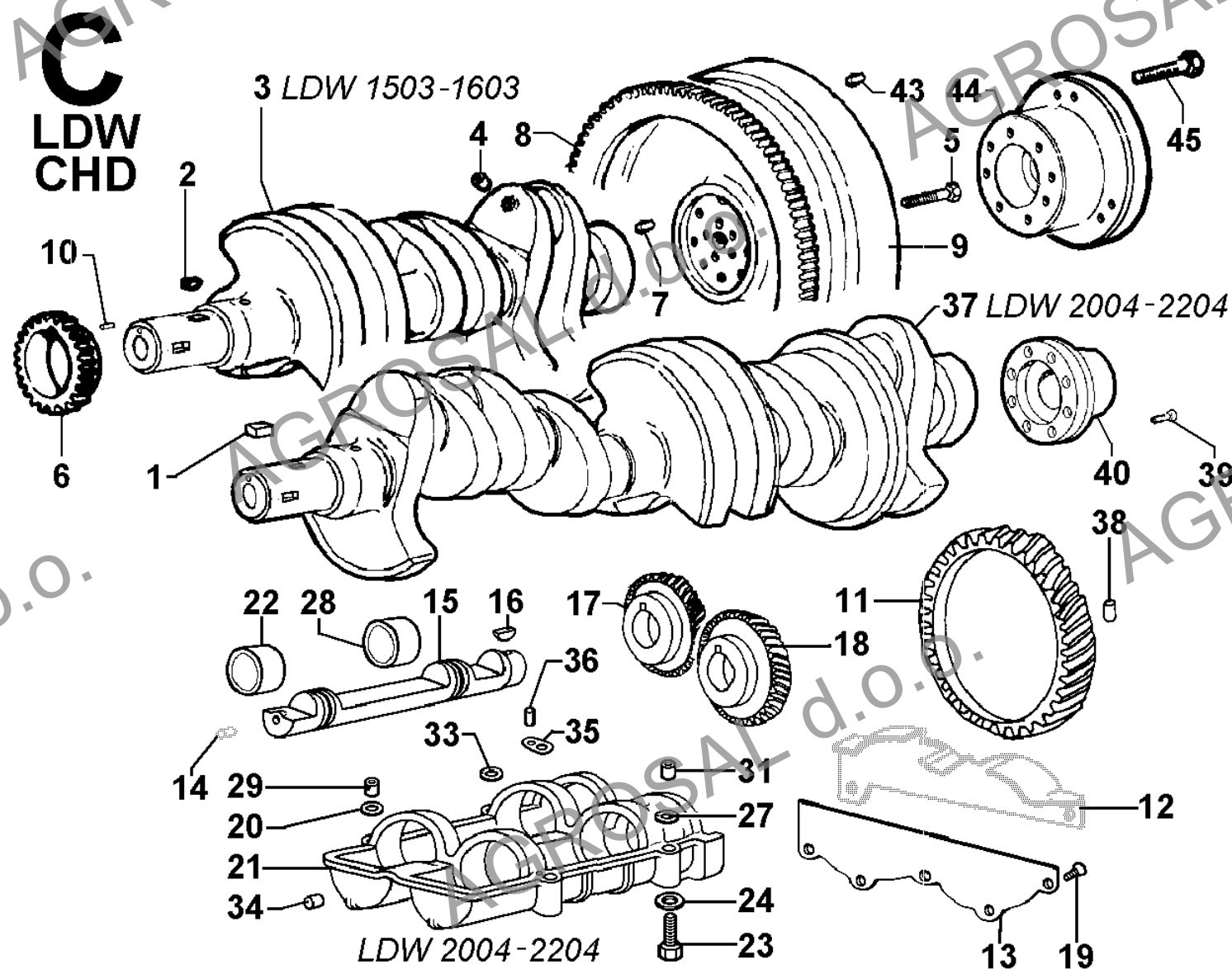
A KOHLER COMPANY

Group: CHD-SUPERCHD

Engine: LDW 1503 Drawing: C

CRANKSHAFT/FLYWHEEL

POS.	CODE	DESCRIPTION	Qty
1	2280.155	oil pump key	1
2	2280.082	key	1
3	1051.175	CRANKSHAFT	1
4	9080.132	plug diam. 6	3
5	1862.089	bolt	6
6	4936.167	gear	1
7	8400.120	lockpin	1
8	2816.065	crown gear	1
9	9880.951	FLYWHEEL with CROWN	1
9	9880.961	FLYWHEEL with CROWN for clutch Pitt.& V. F 215	1
10	8430.004	tapper pin	1
43	8430.054	lockpin 7 X 16	2
44	3835.153	clutch flanging Pitt.& V. F 215	1
45	9730.342	screw M 10 X 65	8



**LOMBARDINI**

A KOHLER COMPANY

Group: CHD-SUPERCHD

Engine: LDW 1503 Drawing: L

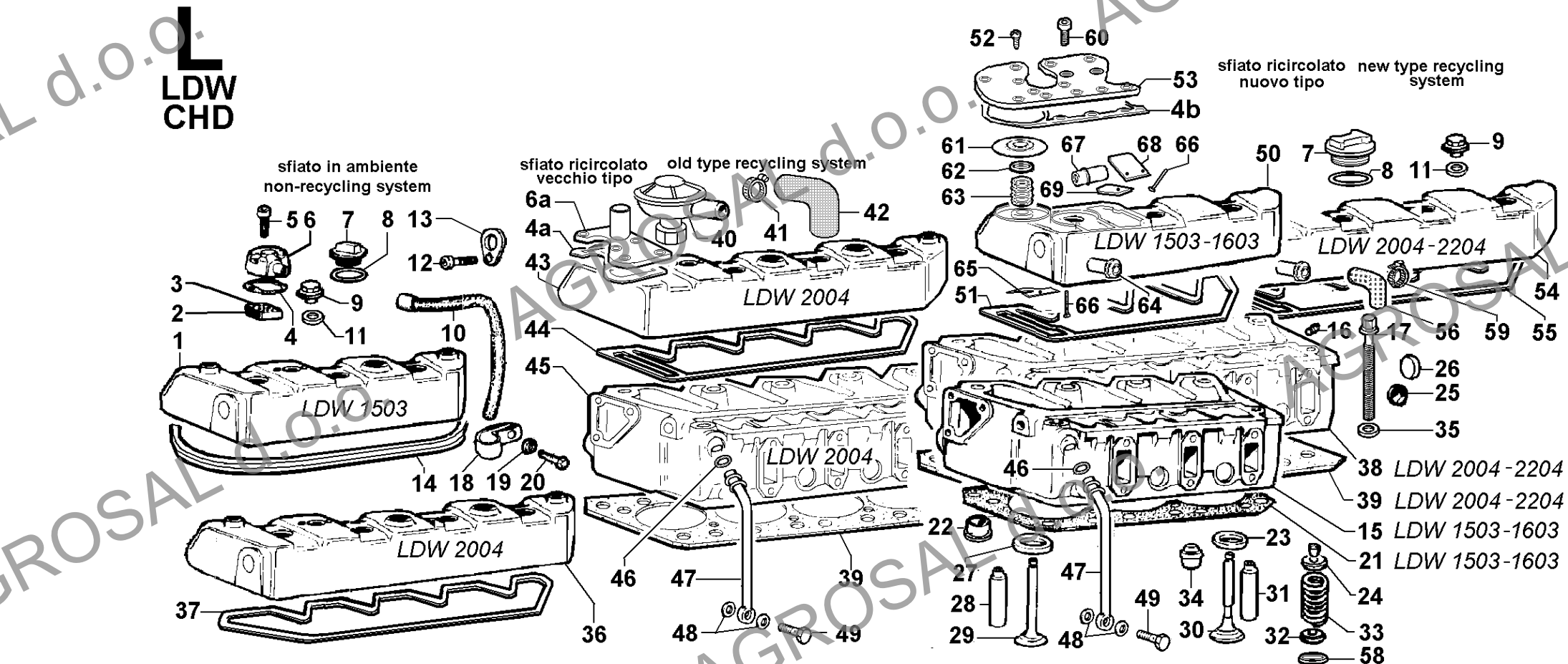
CYLINDER HEAD/ROCKER ARM BOX/VALVES

POS.	CODE	DESCRIPTION	Qty
1	«-----»	rocker arm cover	0
4b	4430.100	gasket	1
5	«-----»	screw	0
7	9032.079	FILLER OIL CAP M 36X3	1
8	1200.015	O ring 137 for filler oil cap	1
9	8300.218	nut	3
10	«-----»	hose	0
11	4400.050	gasket	3
12	9730.024	screw M 8 X 16	2
13	8545.939	lifting brace	2
14	«-----»	gasket	0
15	9200.595	CYLINDER HEAD	1
16	9765.001	screw M 6 X 8	1
17	1862.091	bolt	8
18	«-----»	clamp dia. 20	0
21	4730.620	head gasket 1,50 - no semicircular cuts	1
21	4730.621	head gasket 1,65 - 1 semicircular cut	1
21	4730.622	head gasket 1,80 - 2 semicircular cuts	1
22	9080.201	precomb.chamber cup	3
23	8000.127	eXhaust v.seat	3
24	6410.098	retainer	6
25	9080.083	plug	4
26	8990.022	eXpansion plug diam.30	1
27	8000.126	inlet v.seat	3
28	«-----»	inlet v.guide +0,50	0
28	4845.251	inlet v.guide std.	3
29	9652.147	intake valve	3
30	9685.142	eXhaust valve	3
31	«-----»	inlet v.guide +0,50	0
31	4845.251	inlet v.guide std.	3
32	3430.141	valve retainer	6
33	5755.004	valve spring	6
34	4535.015	valve retainer	6
35	7626.040	washer	8
46	1200.225	seal ring	1
47	9485.234	scavenge oil pipe	1
48	4670.061	copper gasket diam.14	2
49	1901.032	union bolt M 14	1
50	2125.334	ROCKER ARM COVER	1
51	4400.069	gasket	1
52	9820.195	screw	12
53	2750.374	breather cap	1
56	5365.099	coupling	1
58	3505.018	spacer	8
59	3630.147	clamp diam.12-22	1
60	9730.319	screw M 6 X 12	2
61	9693.007	valve	1
62	7625.270	washer	1
63	5655.243	spring	1
64	9599.172	blow-by pipe	1
65	5168.061	safety plate	1
66	7481.077	nail	4
67	9599.175	pipe	1

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**LOMBARDINI**

A KOHLER COMPANY

Group: CHD-SUPERCHD

Engine: LDW 1503 Drawing: F

FUEL SYSTEM

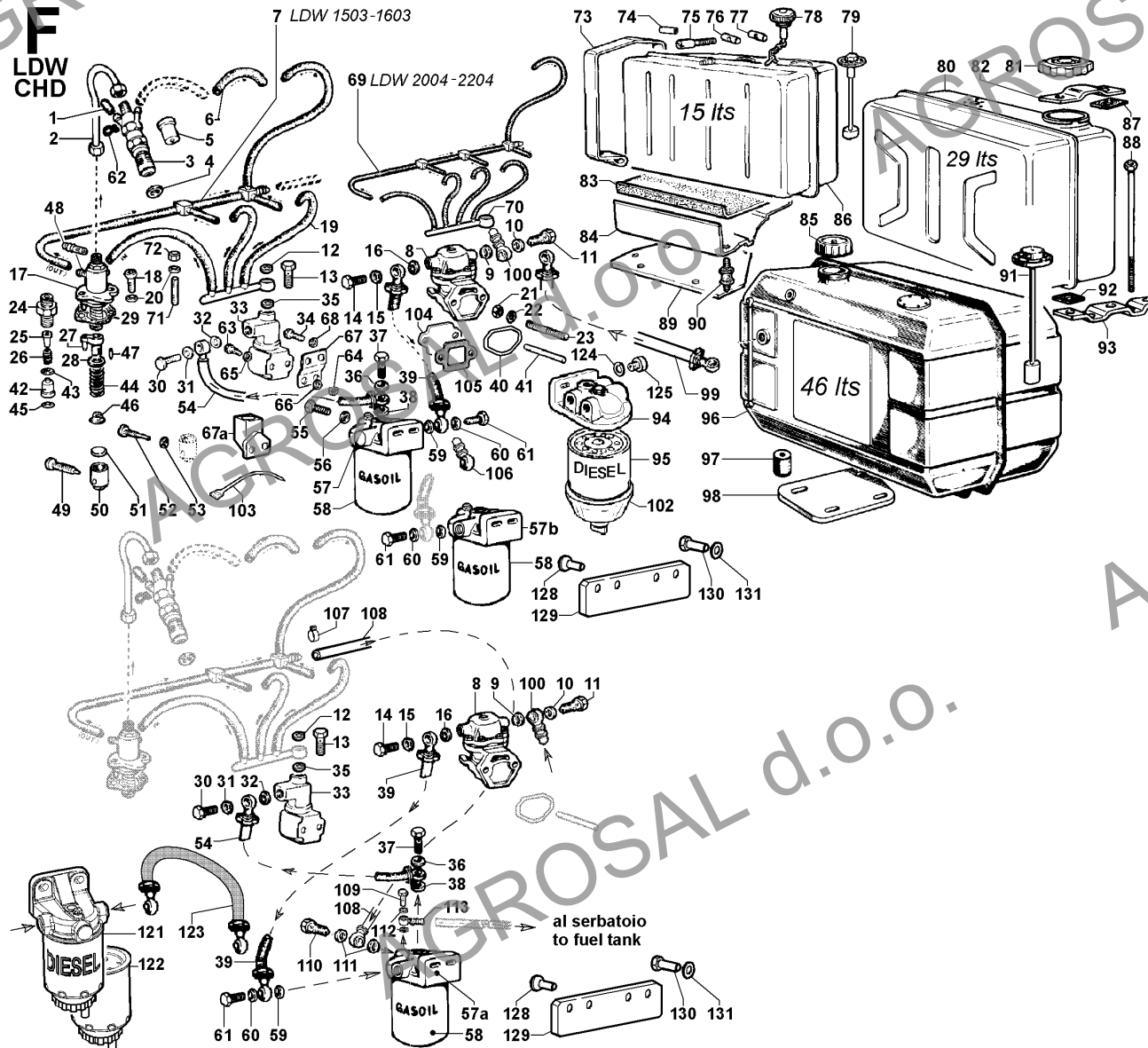
POS.	CODE	DESCRIPTION	Qty
1	9080.262	end pipe	1
2	9375.739	high press.pipe	3
3	5010.051	injector std and EPA Version 1500-1800 R.P.M.	3
4	5989.006	spark arrester	3
5	6531.468	nozzle Bosch	3
6	9571.091	bleeding pipe	2
7	9571.157	bleeding pipe	1
8	6585.096	feed pump	1
9	4670.059	copper gasket diam.10	1
11	1901.030	union bolt M 10	1
12	4670.059	copper gasket diam.10	1
13	1901.030	union bolt M 10	1
15	4670.059	copper gasket diam.10	1
17	6590.318	injection pump	3
18	<----->	sostituito da pos.F 71	0
19	9375.638	delivery pipe	1
20	5715.089	washer	6
21	3240.164	nut M 8	2
22	7555.029	washer diam. 8	2
23	6780.049	intake stud M 8 X 20 (36)	2
24	<----->	delivery connect. - no longer avail.	0
25	7470.018	filler	3
26	5755.122	spring	3
27	<----->	see Pos. 17	0
28	6410.107	retainer	3
29	4580.175	gasket 1,2	3
30	1901.030	union bolt M 10	1
31	4670.059	copper gasket diam.10	1
33	3587.115	electro-valve 24V	1
33	3587.142	electro-valve 12V	1
34	1760.003	bolt M 6 X 1 X 12	2
35	4670.059	copper gasket diam.10	1
36	4670.061	copper gasket diam.14	1
37	1901.032	union bolt M 14	1
38	4670.061	copper gasket diam.14	1
39	9373.043	fuel hose(mm 635)	1
39	9375.888	fuel pipe (mm 300)	1
40	1200.087	O ring 3150	1
41	7200.197	drive rod	1
42	9672.092	delivery valve	3
43	4760.036	gasket	3
44	5755.080	spring	3
45	4760.036	gasket	3
46	6400.059	cup Stanadyne	3
47	8430.086	lockpin	6
48	7260.042	union	3
49	9730.198	screw M 6	1
50	7215.140	tappet	3
51	6000.072	adjustment cup violet 4,00	3
51	6000.075	adjustment cup orange 4,30	3
51	6000.079	adjustment cup red 4,70	3
51	6000.104	adjustment cup light blue 4,40	3
51	6000.114	adjustment cup white 4,10	3

Group: CHD-SUPERCHD
Engine: LDW 1503 Drawing: F

FUEL SYSTEM

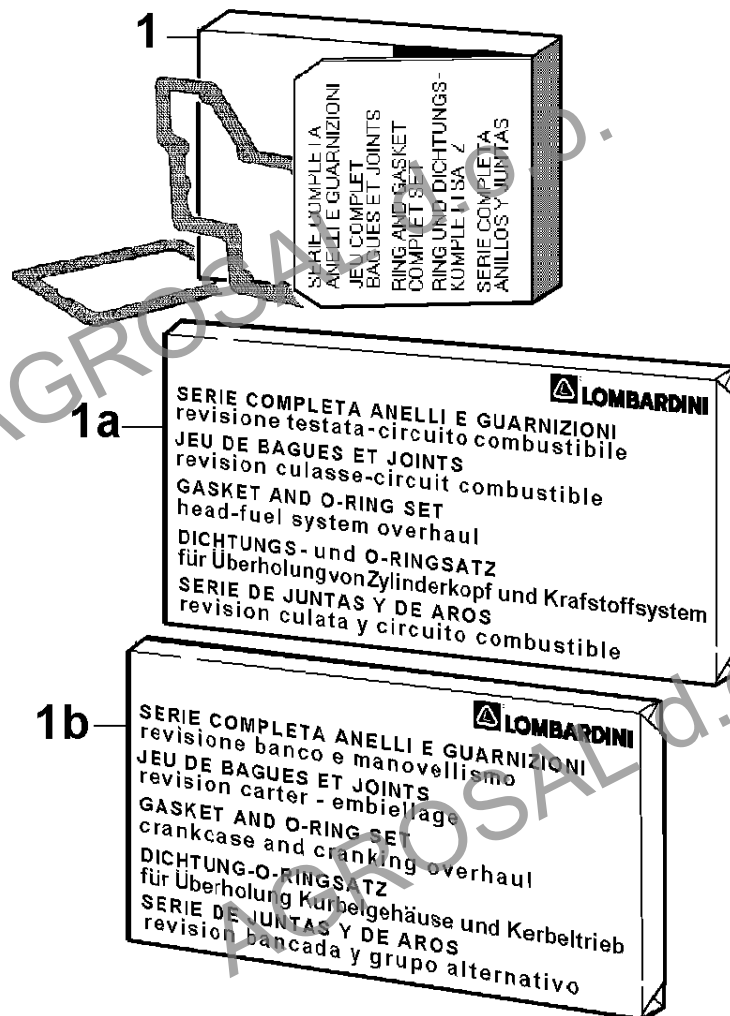
POS.	CODE	DESCRIPTION	Qty
51	6000.115	adjustment cup yellow 4,20	3
51	6000.118	adjustment cup green 4,50	3
51	6000.119	adjustment cup blue 4,60	3
51	6000.121	adjustment cup grey 4,80	3
52	9730.256	screw M 6 X 1	2
53	4670.062	copper gasket diam. 6,2 X 10 X 1,5	2
54	9375.690	hose mm 220	1
55	1780.031	bolt M 10 X 1,5 X 25	2
56	7625.020	washer diam.10,5	2
57	«-----»	FUEL FILTER - see Pos. F 57a	0
57a	3730.126	FUEL FILTER	1
57b	3730.153	FUEL FILTER	1
58	2175.046	fuel filter cartridge	1
59	4670.061	copper gasket diam.14	1
61	1901.032	union bolt M 14	1
62	3630.069	clamp	1
63	9730.008	screw M 6 X 10	2
64	3203.050	selflocking nut M 6	2
65	7625.062	washer diam. 6,5	1
66	7565.004	washer diam. 6	2
67	8900.327	electro magnet support	1
68	7625.062	washer diam. 6,5	1
71	6780.005	stud M 8 X 18 (30)	6
72	3240.163	nut M 8	6
73	3616.082	fuel tank strap	2
74	9600.057	rubber spacer	2
75	9730.139	screw M 6 X 60	2
76	1557.019	drilled block	2
77	1557.020	threaded block	2
78	9043.025	fuel tank cap	1
79	4906.008	fuel gauge (mm 193) 15/29 lt	1
80	8103.308	FUEL TANK (29 liters)	1
81	9043.092	fuel tank cap	1
82	8866.067	support	2
83	8315.016	rubber shim	1
84	8042.024	fuel tank saddle	1
85	9043.066	fuel tank cap	1
86	8103.021	fuel tank 15 liters	1
87	4701.029	rubber shim	2
88	9245.076	stay bolt	4
89	6370.515	tank plate	1
90	8636.001	vibration-damping	4
91	4906.034	fuel gauge (mm 295) 46 lt	1
92	4701.030	rubber Shim	2
93	8866.066	support	2
94	3730.173	FUEL FILTER witht water separator	1
95	2175.042	fuel filter cartridge	1
96	«-----»	FUEL TANK (29 liters)	0
97	8636.116	vibration-damping	4
98	6370.231	support	1
99	9372.023	fuel hose mm 2000	1
100	7270.138	banjo union diam.10	1
102	«-----»	transparent cap	0

FUEL SYSTEM			
POS.	CODE	DESCRIPTION	Qty
103	2471.006	collar	1
104	3800.037	flange	1
105	4400.075	gasket	1
106	7270.107	banjo union diam.14	1
107	3630.004	clamp	1
108	9375.863	bleeding pipe mm 530	1
109	1901.033	union bolt M 6	1
110	9680.049	no retur fuel-valve	1
111	4670.061	copper gasket diam.14	2
112	4670.062	copper gasket diam. 6,2 X 10 X 1,5	2
113	7270.251	banjo union diam.6	1
124	4670.061	copper gasket diam.14	1
125	9040.012	plug M 14	1



GASKET SET			
POS.	CODE	DESCRIPTION	Qty
1	«-----»	RING AND GASKET COMPLETE SET (without Pos. L 21) - see Pos. N 1	0
1a	8205.114	RING AND GASKET COMPLETE SET - head and fuel system overhaul (w	1
1b	8205.115	RING AND GASKET COMPLETE SET - crankcase and cranking overhaul	1

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**LOMBARDINI**

A KOHLER COMPANY

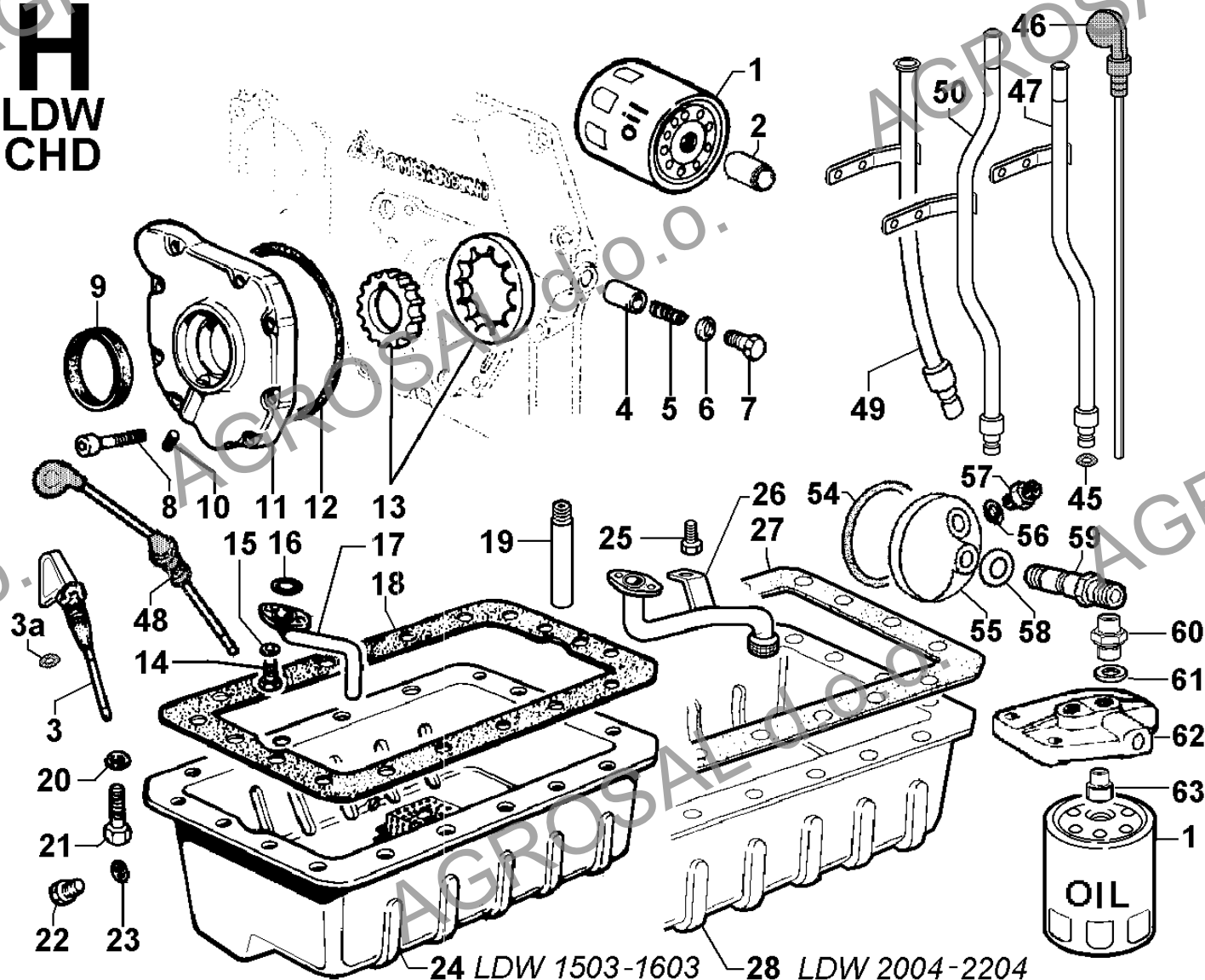
Group: CHD-SUPERCHD

Engine: LDW 1503 Drawing: H

LUBRICATING SYSTEM

POS.	CODE	DESCRIPTION	Qty
1	2175.104	oil filter cartridge	1
2	7265.021	oil filter connector	1
3	1400.213	dipstick std (mm 97)	1
3	1400.215	dipstick (mm 73)	1
3a	1200.256	rubber oil seal	2
3a	1200.325	rubber oil seal	3
4	6495.052	drive rod	1
5	5625.010	spring	1
6	4670.019	copper gasket diam.16	1
7	9015.006	plug	1
8	9730.012	screw M 6 X 20	9
9	1213.348	seal ring	1
10	9765.113	screw M 12	1
11	2650.057	OIL PUMP COVER	1
12	4431.149	gasket	1
13	7750.081	oil pump rotors	1
14	1760.005	bolt M 6 X 1 X 16	2
15	7565.004	washer diam. 6	2
16	1200.226	O ring	1
17	9320.136	suction oil pipe	1
18	4601.067	gasket	1
19	9580.032	breather pipe	1
20	«-----»	see remarks	0
21	1770.160	screw M 8 X 1,25 X 16	18
22	9040.035	plug M 18 h = 22	1
23	4670.088	copper gasket 18X24X1	1
24	6645.562	oil pan	1
24	6645.583	oil pan (min.dimensions)	1
45	1200.001	O ring 108	1
46	1400.195	dipstick	1
48	1400.259	dipstick (mm 102)	1
48	1400.414	dipstick (mm 73)	1
49	9330.048	dipstick guard	1
54	1202.036	O ring	1
55	3855.135	oil flange	1
56	4670.061	copper gasket diam.14	1
57	5953.048	nipple	2
58	1200.042	rubber oil seal	1
59	7265.036	union	1
60	5953.048	nipple	1
61	4670.061	copper gasket diam.14	2
62	4896.252	oil flange	1
63	7330.278	head filter oil conn.	1

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SHORT BLOCK

POS.	CODE	DESCRIPTION	Qty
1	«-----»	short block for engine with hydraulic tappets	0

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CHD

LDW 1503-1603

LDW 2004 -2204

LDW 1503-1603

LDW 2004 -2204

**LOMBARDINI**

A KOHLER COMPANY

Group: CHD-SUPERCHD

Engine: LDW 1503 Drawing: M

STARTING

POS.	CODE	DESCRIPTION	Qty
1	2100.074	preheating glow plug 24 V	3
1	2100.089	preheating glow plug 12 V	3
2	2185.548	glow plug wire	2
3	1780.012	bolt M 10 X 1,5 X 55	1
4	7625.130	washer diam. 10,2	1
5	6491.013	pipe elbow	1
6	1780.027	bolt M 10 X 1,5 X 60	1
7	7625.125	washer diam.10,5	1
8	6995.037	alternator pulley (Marelli type)	1
9	1157.270	EXTERNAL VOLT. ALTERNATOR 12V-65 A	1
9	1157.360	EXTERNAL VOLT. ALTERNATOR 12V-45 A Iskra	1
10	8725.052	alternator support	1
10a	8725.072	alternator support for lowered heat.cab.w.pm (Pos. G 30c)	1
11	9730.100	screw M 8 X 25	2
12	9730.031	screw M 8 X 40	1
13	5840.191	starting motor 2,0 KW	1
13	5840.235	starting motor 3 KW 24 V	1
14	6745.050	oil switch 0,3 bar (M 12)	1
14	6745.056	oil switch 1,4 bar (white mark)	1
15	4670.014	copper gasket diam.12	1
16	9730.045	screw M 10 X 30	2
16	9732.037	screw M 10 X 40	2
18	3240.004	nut M 5	3
19	2280.045	tab	1
20	7626.066	washer	3
21	2145.014	regulator cap	1
22	2193.106	contr boX 24V	1
22	2193.134	contr boX 12V	1
23	5830.161	connection boX	1
25	9718.205	alternator fan (Marelli type)	1
41	2186.143	wire with diode 12V	1
42	5041.274	key switch	1
44	«-----»	electric panel - see Pos. M 57	0
45	4062.233	fuse 50 A	1
46	«-----»	wire	0
53	1557.122	connection 2 ways	2
54	1557.119	connection 14 male contacts	1
55	1557.118	connection 14 female contacts	1
56	4775.540	guard	2
57	7245.432	EL.PANEL ASS.Y 7 lights (12V)	1
57	7245.452	el.panel 7 lights (12V)	1
57	7245.455	el.panel 7 lights (24V)	1
57a	7245.431	EL.PANEL ASS.Y with stop device	1
57a	7245.453	el.panel with stop device	1
58	2185.962	wire eXtension mm 2000	1
58	2186.105	wire eXtension mm 1000	1
59	2186.110	wire for dashboard (24V)	1
59	2186.183	wire for dashboard (12V)	1
64	9180.188	faston female 4,25	12
65	9180.187	faston male 2,76	12
66	9180.189	faston male 9,5	2
67	9180.190	faston female 8,5	2
77	«-----»	fuse 15 A	0

STARTING			
POS.	CODE	DESCRIPTION	Qty
78	7565.007	washer diam. 8	1
79	3240.018	nut M 8	1
80	3240.008	nut M 6	1
81	3617.088	clamp dia. 9,5	1
93	3810.099	flange for starting motor 3 KW 24 V	1
114	7245.424	panel	1
115	2527.089	connector	2



**LOMBARDINI**

A KOHLER COMPANY

Group: CHD-SUPERCHD

Engine: LDW 1503 Drawing: D

TIMING/SPEED GOVERNOR

POS.	CODE	DESCRIPTION	Qty
1	9865.145	fixing screw	3
2	7625.125	washer diam.10,5	3
3	«-----»	washer	0
4	5615.009	spring	2
5	«-----»	rocker arm ass.y	0
5a	1541.236	inlet rocker arm	3
6	«-----»	screw	0
10	1541.236	exhaust rocker arm	3
11	«-----»	rock.arm shaft support - see Pos. D 5/D 52	0
13	2280.044	key 4 X 4,5 X 16	1
14	1580.147	bushing	1
15	«-----»	screw	0
16	9765.009	screw M 8 X 10	2
17	1240.006	snap ring	2
18	1580.148	bushing	1
19	1410.139	push rod	6
20	7215.111	push rod	6
21	2615.040	camshaft cover	1
22	«-----»	gasket	0
25	7362.311	SPEED GOVERN. 3000 R.P.M.	1
25	7362.312	SPEED GOVERN. 1500 R.P.M.	1
26	2086.122	governor bell	1
27	3495.046	spacer	1
28	1770.002	bolt M 8 X 1,25 X 16	2
29	7565.007	washer diam. 8	2
30	6275.120	safety plate	1
31	3001.065	ball bearing	1
32	9730.010	screw M 6 X 16	3
33	1780.104	bolt	1
34	1200.219	O ring	1
35	9820.138	fixing screw	1
36	1257.156	thrust washer	1
37	4936.165	intermediate gear	1
38	1257.157	thrust washer	1
39	1580.154	bushing	1
40	9732.074	screw M 8 X 20	4
41	6130.099	gear shaft	1
42	1011.564	camshaft (> 2400 R.P.M.)	1
42	1011.565	camshaft (< 2400 R.P.M.)	1
44	4936.242	gear	1
45	1257.032	thrust washer	1
46	3810.081	intermediate flange	1
47	1257.033	thrust washer	1
48	1240.037	circlip diam. 38	1
49	1200.259	O ring	1
50	3810.034	flange for vacuum pump fitting	1
51	6601.110	vacuum pump	1
52	6045.159	rocker arm ass.y	1
53	«-----»	screw M 5 X 16	0
65	9730.100	screw M 8 X 25	2
65a	9732.074	screw M 8 X 20	1
70	1580.147	bushing	2
71	3810.085	HYDR.PUMP SUPPORT (2PD - 3° PTO)	1

ing: D

AGROSAL

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