

Section: ENGINE Ref: 4A.00.20000

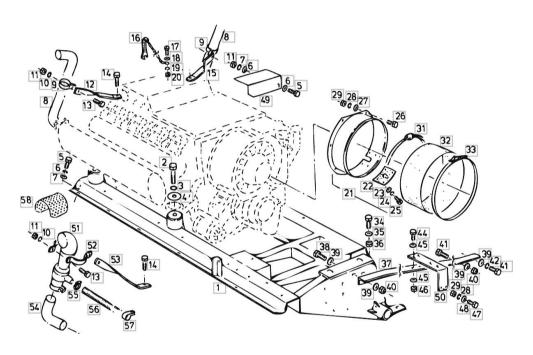
ENGINE ASSEMBLY PARTS F/BF 8L 513

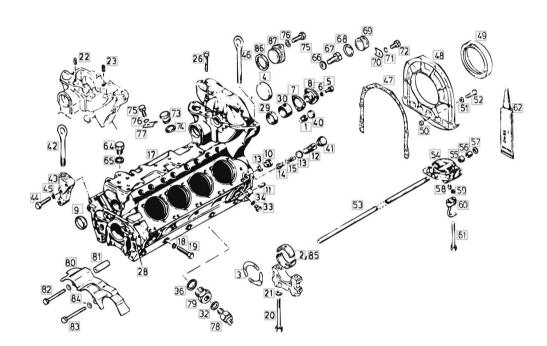
Fig.	P/n	QTY	Name	
Notes:				
TYP 4080	202 KW / 275 PS	TYP 4090 225 KY	W / 310 PS	[TOPLINER 4080]
1	16002958	1	chassis frame	
2	01101543	4	screw m 16 x 110	
3	01102803	4	washer 16	
4	06255867	5	washer	
5	01112322	13	screw m 8 p.1.25 x 20	
6	01102799	13	washer 8, d128	
7	06214248	16	washer 9.2	
8	16002967		exhaust pipe - 9125 / TYP 4080	
9	01120890		fascia 65,5 d71555	
10	01102799	2	- 9125 / TYP 4080 washer 8, d128	
11	01102799	5	nut m 8, d934	
12	NE	3	plate	
12	NL		NOT INSTALLED	
13	01112333	2	screw m 8 x 25, d933	
14	01112356	2	screw m 8 x 40	
15	16003443	1	carrier	
13	10005115	1	- 9125 / TYP 4080	
16	06331435	1	key	
17	01105526	1	screw am 5x16 d84	
18	06214189	1	washer 6.4	
19	01102796	1	ring 5	
20	01112803	1	nut m 5, d934	
21	16005457	1	ring	
22	16005464	1	plate	
23	06214189	4	washer 6.4	
24	01102797	4	washer 6, d128	
25	01112240	4	screw m 6 x 12	
26	01112307	5	screw m 8 p.1.25 x 15, d933	
27	01107163	5	washer 9, d126	
28	01102799	7	washer 8, d128	
29	01112824	7	nut m 8, d934	
31	06216478	1	bracket	
32	16005429	1	screw	
33	01145091	1	fascia	
34	01112538	4	screw m 12 x 35, d933	
35	06214206	8	washer 13.2	
36	06209769	4	nut m 12, d985	
37	16003305	1	square	1/2
38	01112429	2	screw m 10 x 30, d933	1/2

Section: ENGINE Ref: 4A.00.20000

ENGINE ASSEMBLY PARTS F/BF 8L 513

Fig.	P/n	QTY	Name
39	01107165	7	washer 10.5
40	06209768	3	nut m 10, d985
41	01112439	2	screw m 10 x 35, d933
42	01102800	1	washer 10.2
43	16003374	1	square
44	01112333	2	screw m 8 x 25, d933
45	06214246	4	washer 9.0 x 18 x 2.0
46	01104944	2	nut m 8, d985
47	01112264	2	screw m 6 x 20, d933
48	06214246	4	washer 9.0 x 18 x 2.0
49	16006924	1	guard
50	16003374	1	square
51	06524795	1	ejector
			- 9125 / TYP 4080
			+ 9126 / B A98
51.1	16010640	1	ejector
			TYP 4090 / B A99
52	06279395	2	fascia
			- 9125 / TYP 4080
53	16010599	1	brace
			- 9125 / TYP 4080
54	16010597	1	exhaust pipe
			- 9125 / TYP 4080
55	01173968	2	clamp Ø 25/40
			- 9125 / TYP 4080
56	16012722	1	tube
			- 9125 / TYP 4080
57	04336881	3	clamp Ø 38
			- 9125 / TYP 4080
58	16014631	1	guard
			- 9125 / TYP 4080

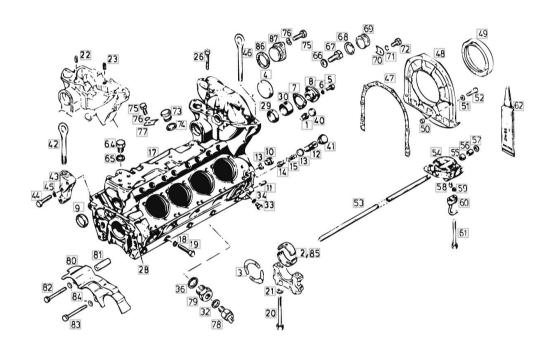




Section: ENGINE Ref: 4A.00.20000

ENGINE CRANKCASE F/BF 8L 513

Fig.	P/n	QTY	Name	
Notes:				
[TOPLINE	ER 4080]			
1	02420672	1	plug	
2	04180681	4	main bearing	
			95,00 MM	
2.1	04180682		main bearing	
			94,75 MM	
2.2	04180683		main bearing	
			94,50 MM	
2.3	04180684		main bearing	
			94,25 MM	
2.4	04180685		main bearing	
2.5	0.4100.606		94,00 MM	
2.5	04180686		main bearing	
2.6	04100607		93,75 MM main bearing	
2.0	04180687		93,50 MM	
3	02422297	2	shim	
3	02422297	2	95,00 MM	
3.1	02422298		shim	
5.1	02 1222		94,75 MM	
3.2	02422299		shim	
			94,50 MM	
3.3	02422300		shim	
			94,25 MM	
3.4	02422301		shim	
			94,00 MM	
3.5	02422302		shim	
			93,75 MM	
3.6	02422303		shim	
			93,50 MM	
4	04186447	1	cover	
5	01112322	3	screw m 8 p.1.25 x 20	
6	01118654	3	oil seal 8x14 d7603	
7	02192080	1	gasket	
8	02192079	1	cover	
9	02403129	1	cover	
10	01216200	1 2	screw	
11 12	01102854 02425190	1	cylindrical plug 14x28 d7	
12	02425190 01118784	2	register oil seal 30x36x2 d7603	
13	02403032	1	piston	
15	02403032	1	spring	1/3
13	02403033	1	spring	



Section: ENGINE Ref: 4A.00.20000

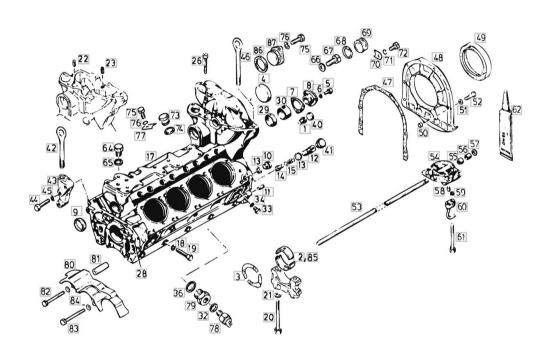
ENGINE CRANKCASE F/BF 8L 513

Fig.	P/n	QTY	Name	
17	02426821	1	crankcase	
17	02420021	•	G 17,18-23,26,28-30,36,62	
18	02403108	10	washer	
19	01112633	10	screw	
20	01102166	10	screw	
21	02408062	10	washer	
22	01105127	1	cylindrical plug	
23	01115463	24	pin	
26	01137112	6	screw	
28	02404724	1	tube	
29	02192071	4	bushing	
30	02192072	1	bushing	
32	01118659	4	oil seal	
33	01137743		plug m 14 p.1.5	
34	01118693		gasket 14x20	
36	01118718		ring 18 x 24	
40	01165832	1	stop	
41	02416414	1	nut	
42	02417146	1	screw	
			485 MM	
43	02131352	1	connection	
44	01124837	3	screw m12x50 d933	
45	01107289	3	spring washer b12 d137	
46	02417150	1	screw	
			345 MM	
47	04182569	1	gasket	
48	02413922	1	cover	
49	02421820	1	special oil seal	
50	03361375	2	bushing	
51	01118654	8	oil seal 8x14 d7603	
52	01112336	8	screw m8x28 d933	
53	04189355	1	piping	
53.1	02420673	1	F 8L 513 piping	
55.1	02420073	1	BF 8L 513	
54	02424134	4	tappets	
55	03361337	1	sleeve	
56	04189288	1	rubber ring F 8L 513	
56.1	02425124	1	ring BF 8L 513	
57	03361455	1	plate	
58	03361348	8	valve	<u> </u>
59	03361749	8	bushing	2/3

Section: ENGINE Ref: 4A.00.20000

ENGINE CRANKCASE F/BF 8L 513

Fig.	P/n	QTY	Name
60	04187396	8	sprayer nozzle
00	04187390	o	F 8L 513
60.1	04186549	8	sprayer nozzle
0011	0.12000 15	Ü	BF 8L 513
61	01137522	12	screw
62	01091503		gasket dw66
62.1	01008337		gasket
64	01118997	1	screw cm10x1
65	01118659	1	oil seal
66	01118669	1	ring
67	01112418	1	screw m 10 x 25, d933
68	01161973	1	oil seal 10X3
69	02404531	1	tube
70	02404597	1	console
71	01126726	1	spring disc b6 d137
72	01112264	1	screw m 6 x 20, d933
73	02414527	1	plug
74	01164493	1	ring 16x3
75	01112307		screw m 8 p.1.25 x 15, d933
76	01107283		washer 8.2
77	02414528	1	console
78	01181557	1	switch
79	02406367	1	vent
80	02420997	1	division
81	02417579	1	bush
82	01104580	1	screw
83	01101588	1	screw
84	02417519	1	washer
85	04183600		main bearing
			95,00/101,50 MM
86	01166028	1	oil seal 22x3
			BF 8L 513
87	02143462	1	stop
			BF 8L 513
851	04183601		main bearing
			94,75/101,50 MM
852	04183602		main bearing
			94,50/101,50 MM
853	04183603		main bearing
			94,25/101,50 MM



Section: ENGINE Ref: 4A.00.20000

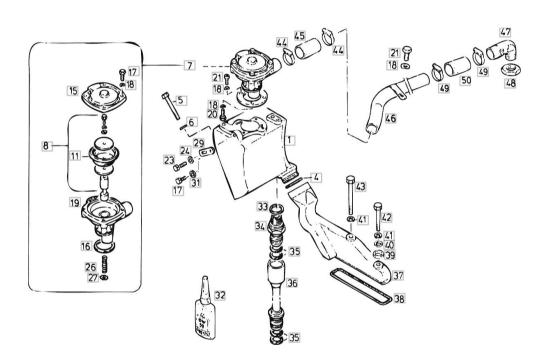
ENGINE BREATHER F/BF 8L 513

Fig.	P/n	QTY	Name
Notes:			
TOPLINE	ER 40801		
	,		
1	02420921	1	oil
4	01176031	1	oil seal 48x3
5	01111193	2	screw m 8 p.1.25 x 80
6	01214459	2	washer 8,5x20x5
7	04180030	1	body
			G 8,15-19,26,27
8	02418444		insert
11	02423425	1	diaphragm
15	02413390	1	cover
16	01166075	1	oil seal 45x4,5
17	01112264	5	screw m 6 x 20, d933
18	01126726	9	spring disc b6 d137
19	04180031	1	body
20	01104181	2	screw m6x16 d912
21	01112258	3	screw m 6x18 d933
23	01112336	1	screw m8x28 d933
24	01107101	1	washer 8.4
26	02419343	1	spring
27	01174995	1	ring
28	04185234	1	plate
29	02426769	1	console
31	01214957	1	washer
32	01001252		loctite
33	01118688	1	ring 14x17
34	02420936	1	coupling
35	01165996	4	oil seal 12x3
36	02420978	1	piping
37	02420852	1	sleeve
38	04185032	1	gasket
39	02411519	2	gasket
40	01169577	2	oil seal 8x3 si1
41	01107283	2	washer 8.2
42	01112364	1	screw m 8 x 55, d933
43	01111200	1	screw m8x90 d931
44	01173968	2	clamp Ø 25/40
45	01179806	1	rubber sleeve
46	02426011	1	tube
			TYP 4080
46.1	16012584	1	tube
			TYP 4090 / B A98
47	02420965	1	vent
47	02420965	1	vent

Section: ENGINE Ref: 4A.00.20000

ENGINE BREATHER F/BF 8L 513

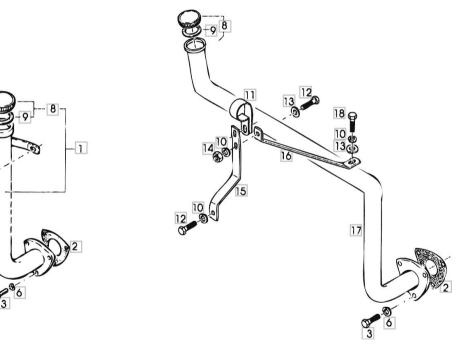
Fig.	P/n	QTY	Name	
	'			
			TYP 4080	
48	01127818	1	nut	
			TYP 4080	
49	01173968	2	clamp Ø 25/40	
			TYP 4080	
50	01179806	1	rubber sleeve	
			TYP 4080	



Section: ENGINE Ref: 4A.00.20000

ENGINE OIL FILLER F/BF 8L 513

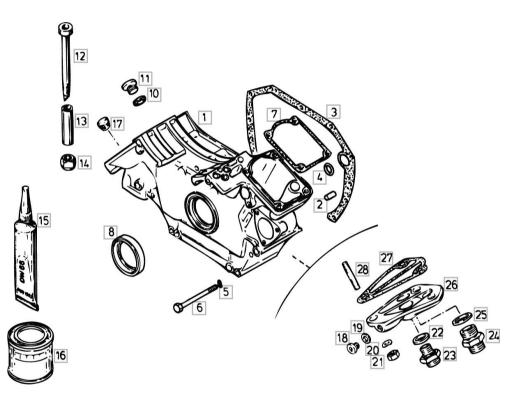
Fig.	P/n	QTY	Name
NT 4			
Notes: [TOPLINE	ER 40801		
[TOTEMAL	SIC 1000]		
1	02427633	1	vent
			TYP 4080
2	02425131	1	gasket
3	01112333	3	screw m 8 x 25, d933
4	01112322	1	screw m 8 p.1.25 x 20
6	01107283	4	washer 8.2
7	01107101	1	washer 8.4
8	01211794	1	cover
9	01216293	1	oil seal
10	01102799	3	washer 8, d128
			TYP 4090
11	04336881	1	clamp Ø 38
			TYP 4090
12	01112322	2	screw m 8 p.1.25 x 20
			TYP 4090
13	01214459	1	washer 8,5x20x5
			TYP 4090
14	01104944	2	nut m 8, d985
			TYP 4090
15	16014275	1	carrier
			TYP 4090
16	16014272	1	carrier
			TYP 4090
17	16014267	1	tube
			TYP 4090
18	01112356	1	screw m 8 x 40
			TYP 4090



Section: ENGINE Ref: 4A.00.20000

ENGINE CARRIER F/BF 8L 513

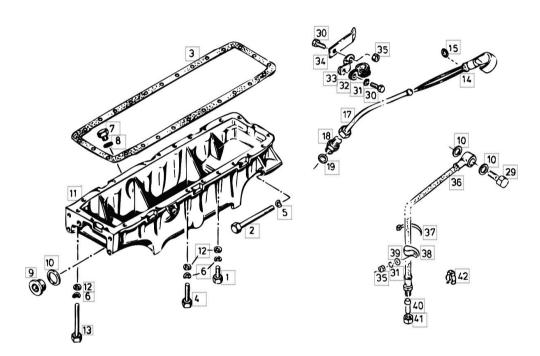
Fig.	P/n	QTY	Name	
Notes:				
[TOPLINE	ER 4080]			
1	02420995	1	support	
2	01105180	2	cylindrical plug 10x20 d7	
3	03361393	1	gasket	
4	01166045	1	ring 30x4	
5	01107283	9	washer 8.2	
6	01111211	9	screw	
7	03361699	1	gasket	
8	02421819	1	special oil seal	
10	01118693	1	gasket 14x20	
11	01137743	1	plug m 14 p.1.5	
12	02417632	1	pin	
13	02418242		spacer	
14	01136452	1	nut vm 8 d980	
15	01091503		gasket dw66	
			X 8	
16	01098024		oil s5	
17	01161978	2	bottom	
18	01137743		plug m 14 p.1.5	
19	01118688		ring 14x17	
20	01107286	3	spring washer b10 d137	
21	01102659	3	nut m 10, d934	
22	01118764	1	ring 26.5	
23	01116693	1	vent ge 22 lm	
24	01100744	1	vent	
25	01118801	1	oil seal	
26	04147016	1	connection	
27	02418094	1	gasket	
28	01110242	3	screw	



Section: ENGINE Ref: 4A.00.20000

ENGINE OIL PAN F 8L 513

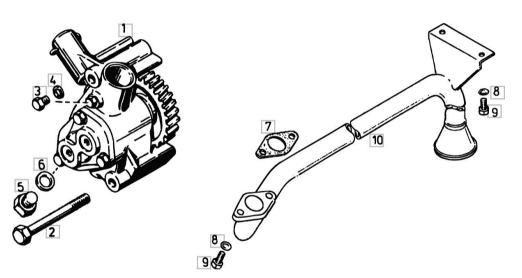
Fig.	P/n	QTY	Name	
Notes:				
[TOPLIN]	ER 40801			
[
1	01112335	6	screw	
2	01111576	2	screw m 12 x 120, d931	
3	02131577	1	gasket	
4	01124457	17	screw m 8 x 45	
5	01107289	2	spring washer b12 d137	
6	01107283	24	washer 8.2	
7	01137743	1	plug m 14 p.1.5	
8	01118688	1	ring 14x17	
9	01103686	1	screw m 30 p.1	
10	01118784	3	oil seal 30x36x2 d7603	
11	02411662	1	oil sump	
12	02404201	24	washer	
13	01122399	1	screw	
14	01175983	1	dipstick	
15	01165973	1	ring 5x1,5	
16	02405859	1	fascia	
17	04183832	1	tube	
18	02409121	1	vent	
19	01118693	1	gasket 14x20	
29	01139203	1	pipe union m 30 x 1,5	
30	01112240	2	screw m 6 x 12	
31	01102797		washer 6, d128	
32	01175535	1	fascia c 10x15	
33	02418147	1	console	
34	04183976	1	console	
35	01112813	1	nut m 6	
36	16020988	1	tube	
37	06216480	6	clamp 4,8 x 360	
38	06216406	2	clamp 27 x 20 ne	
39	06214189	4	washer 6.4	
40	01179135	1	plug L 18-V1	
41	01127347	1	nut CL 18	
42	16022166	1	brace	



Section: ENGINE Ref: 4A.00.20000

ENGINE LUBE OIL PUMP F/BF 8L 513

Fig.	P/n	QTY	Name	
Notes:				
[TOPLINE	ER 4080]			
1	04143644	1	oil pump	
			F 8L 513	
1.1	04143645	1	oil pump	
			BF 8L 513	
2	01103941	2	screw	
3	01118995	1	screw	
4	01118647	1	oil seal 8x11,5 d7603	
5	01118964	1	plug m 16 p.1.5	
6	01118700	1	oil seal Ø 16 x 20	
7	01101797	1	gasket	
8	01107283		washer 8.2	
9	01112326		screw m 8 x 22	
10	02411232	1	tube	
			F 8L 513	
10.1	02410365	1	piping	
			BF 8L 513	



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