



Imported **ENGINES** Inc.

Northeast Branch

1396 NIAGARA ST. AT WEST DELAVAN
BUFFALO, NEW YORK 14213
Phone: AC 716 884-7600

North Central Branch

12016 RIVERWOOD DRIVE
BURNSVILLE, MINNESOTA 55378
Phone: AC 612 890-8170

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WANKEL KM-914 A
KM-914 B

SA-280 A & SA-280

1486.029.015	PISTON
1415.001.005 (2)	RINGS
1486.031.000	GASKET SET

SA-293

1486.030.015	PISTON
1415.002.105	RINGS
1486.031.000	GASKET SET

SA-297

1486.030.005	PISTON
1415.002.100 (2)	RINGS
1486.031.000	GASKET SET

SA-290 C

1486.030.035	PISTON
1415.010.000 (1)	RINGS
1486.031.000	GASKET SET

SA-290 SS

1486.030.030	PISTON
1415.010.000 (1)	RINGS
1415.002.110 (1)	RINGS
1486.031.001	GASKET SET

SA-290 R

1486.030.145	PISTON
1415.010.006 (1)	RINGS
1486.031.001	GASKET SET

SA-340 C

1486.037.005	PISTON
1415.008.000 (1)	RINGS
1486.031.000	GASKET SET
UP TO S/N 6169106	
1486.031.001	GASKET SET
FROM S/N 6169107 & UP	

SA-340

1486.036.005	PISTON
1415.006.000 (2)	RINGS
1486.031.005	GASKET SET

SA-340 SS

1486.036.025	PISTON
1415.006.020 (1)	RINGS
1415.007.000 (1)	RINGS
1486.031.005	GASKET SET

SA-340 R

1486.037.015	PISTON
1415.008.005 (1)	RINGS
1486.031.001	GASKET SET

SA-370

1486.032.005	PISTON
1415.003.000 (2)	RINGS
1486.031.005	GASKET SET

SA-2-290

3686.010.005 (2)	PISTON
3615.009.000 (4)	RINGS
3686.009.002	GASKET SET

SA 2-340

3686.007.005 (2)	PISTON
3615.008.000 (4)	RINGS
3686.009.002	GASKET SET

SA-2-440 & SA-2-440 R

3686.008.004 (2)	PISTON
3615.004.000 (2)	RINGS
3615.005.000 (2)	RINGS
3686.009.000	GASKET SET

SA-2-740 & SA-2-740 C

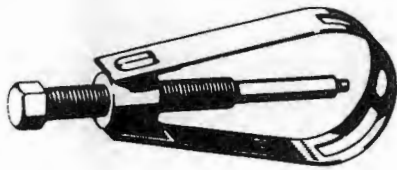
3686.005.005 (2)	PISTONS
3615.002.000 (2)	RINGS
3615.003.000 (2)	RINGS
3686.009.001	GASKET SET

SA-50/AMAX

0290.058.015	PISTON
0215.009.000 (2)	RINGS
0286.125.020	GASKET SET

WANKEL KM-914A & 914B

PISTON & RINGS SEE PAGE 53	
2786.025.000	GASKET SET



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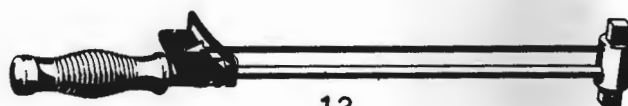
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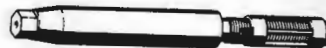
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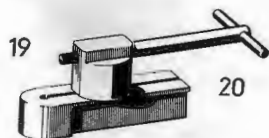
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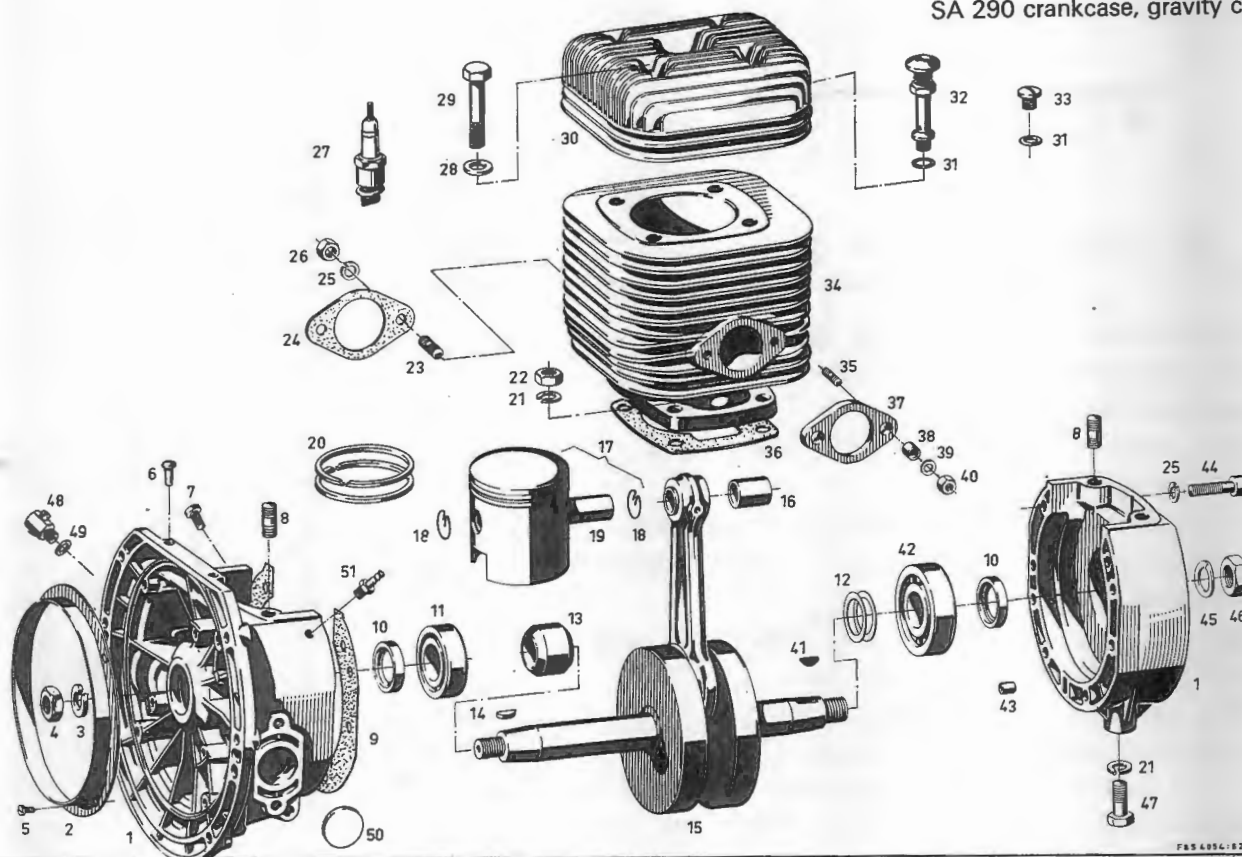
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ILL. no.	PART NUMBER	DESCRIPTION	SA-280 A	SA-280	SA-290	SA-290 C	SA-290 SS	SA-290 R	SA-340 C	SA-340	SA-340 SS	SA-340 R	SA-370	SA-2-440	SA-2-440 R	SA-2-740	SA-2-740 C
1	0276.065.101	PISTON PIN EXTRACTOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	0977.063.000	INSERT BUSH PISTON PIN EXT.	X	X	X	X	X	X	X					X	X		
3	1447.020.000.8	" " " " "								X	X	X	X			X	X
4	0977.068.000	LOCATING PIN FOR PISTON	X	X	X	X	X	X	X					X	X		
5	1449.011.000.8	" " " " "								X	X	X	X			X	X
6	0976.088.100	CAP PROTECTOR 14 MM BORO	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	0977.063.105	EXTRACTOR FOR MAGNETO FLYWHEEL	X	X	X	X	X	X	X	X	X	X	X				
8	3676.004.001	" " " " "												X	X	X	X
9	3676.005.000	FITTING TOOL FOR FLANGE HUB												X			
10	3676.002.000	RETAINING FORK												X			
11	0976.111.100	FAN HOLDING LEVER	X	X	X	X	X		X	X	X		X	X		X	
12	0276.170.000	TORQUE WRENCH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	0276.135.000	TIMING GAGE FOR SPARK ADVANCE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	0676.027.005	EXT. & INSERT SMALL END BUSH	X	X	X				X								
15	0276.158.002	GUIDING BUSH	X	X	X				X								
16	0276.157.000	GUIDING BAR ASSY.	X	X	X				X								
17	0276.159.000	ADJUSTABLE REAMER	X	X	X				X								
18	0276.081.000	CLAMPING BASE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	0276.082.000	SWIVEL UNIT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	0276.085.005	CLAMPING BOLT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	0977.041.000	ASSEMBLY BRACKET	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	1476.013.000	EXTRACTOR SLEEVE ASSY.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	1447.009.000.8	TENSION RING 58MM	X	X	X	X	X		X	X	X		X	X		X	X
24	1476.014.000.8	INNER RACE PULLER NJ305E		X	X									X		X	X
25	1476.014.024.8	" " " NJ306C								X	X		X	X			
26	1476.014.002.8	" " " NJ205C	X	X	X												
27	1476.014.025.8	" " " NJ206E		X	X	X	X		X								
28	1447.010.000.8	TENSION RING 75MM	X	X	X	X	X	X				X			X		
29	1476.015.000.8	BEARING PULLER FOR 6305 C	X	X	X	X	X	X				X			X		
30	1447.009.001.8	TENSION RING 85.5 MM								X	X		X	X			
31	1476.014.023.8	BEARING PULLER FOR 6306 C								X	X		X	X			
32	0276.161.101	EXTRACOR FOR OIL SEALS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Crankcase, Crankshaft, Cylinder
 SA 280 A
 SA 280 without electric starter
 SA 290 crankcase, gravity cast iron



Illustr. No.	Part Number	Description	SA 280 A	SA 280	SA 290	SA 290 C	SA 290 SS	SA 340 C	Illustr. No.	Part Number	Description	SA 280 A	SA 280	SA 290	SA 290 C	SA 290 SS	SA 340 C
			Pieces									Pieces					
1	1487 001 106	Crankcase ass'y., for version without electric starter	1	1	1				25	0245 023 003	Spring washer for M 8	8	8	8			
2	0970 148 000	Labyrinth ring	1	1	1				26	0242 020 000	Nut M 8	2	2	2			
3	0245 023 007	Spring washer for M 14	1	1	1				27	1465 002 005	Spark plug M 240 T 1 (BOSCH)	1	1	1			
4	0942 020 100	Nut M 14×1.5	1	1	1				28	0944 043 000	Washer 10.5×17×1.8	4	4	4			
5	0940 047 000	Fillister head screw M 5×7	4	4	4				29	0940 056 000	Hexagon head screw M 10×55	4	4	4			
6	1463 012 000	Plug	1	1	1				30	1413 004 202	Cylinder head	1	1				
7	0240 131 001	Fillister head screw M 6×8	1	1	1					1413 004 205	Cylinder head for version without decompressor			1			
8	0940 040 101	Stud M 10×16	4	4	4					1413 004 206	Cylinder head for version with decompressor			1			
9	0950 137 000	Gasket	1	1	1				31	0230 015 000	Sealing washer	1	1	1			
10	0930 015 001	Lip seal 25×35×7/9	2	2	2				32	0986 154 000	Decompressor	1	1	1			
11	0632 017 201	*Cylindrical roller bearing NJ 205 EC 3 ZS, 25×52×15	1	1	1				33	0241 053 100	Screw M 10×10	1	1	1			
	1432 022 001	Deep groove ball bearing 6305 C3 DIN 625, 25×62×17 from engine Nr. 6203 930 up	1	1					34	1487 005 120	Cylinder ass'y. with illustr. 23 and 35	1	1				
12	0944 117 000	Shim 25.5×31.8, output side, up to engine Nr. 6028 397	x						35	1487 015 110	Cylinder ass'y. with illustr. 23 and 35			1			
	0944 058 002	Shim 30.4×40.5, output side, from engine Nr. 6028 398 up	x						36	0240 002 101	Stud M 6×22	2	2	2			
	0944 117 002	Shim 25.5×31.8×2.0 magneto side from engine Nr. 6028 398 up	1	1					37	1450 017 100	Gasket	1	1	1			
13	1447 005 000	Spacer bush 25×35×23.4	1						38	1450 007 005	Insulating flange	1	1	1			
	1447 019 000	Spacer bush 25×40×5 from engine Nr. 6028 398 up	1	1					39	1447 006 000	Insulating bush 8.1×6.5×8	2	2	2			
14	0246 001 001	Key 3×5	1	1	1				40	1350 010 000	Insulating washer 6.4×12×1.8	2	2	2			
15	Table	Crankshaft page 14							41	0942 117 002	Nut M 6, self-locking	2	2	2			
16	0932 059 005	Small end bush	1	1	1				42	0946 001 100	Key 6×7.5	1	1	1			
17	Table	Piston ass'y., page 15								1432 021 001	Deep groove ball bearing 6305 C3 DIN 625 25×62×17			1			
18	0945 062 000	Circlip	2	2	2					1432 029 001	Cylindrical roller bearing NJ 305 C3 NA 25×62×17			1			
19	0916 011 100	Gudgeon pin	1	1	1				43		Cylindrical roller bearing NJ 206 EC3 NA 30×62×16 for Crankshaft 3 parts from engine Nr. 6028 398 up			1			
20	Table	Piston ring with rectangular section page 15							44	2647 001 000	Dowel sleeve	2	2	2			
21	0245 023 004	Spring washer for M 10	4	4	4				45	1940 039 000	Hexagon socket head screw M 8×35	6	6	6			
22	1942 001 000	Nut M 10; 14 mm across flats	4	4	4				46	0245 023 008	Spring washer for M 16	1	1	1			
23	0940 017 111	Stud M 8×20	2	2	2				47	0942 028 201	Nut M 16×1.5	1	1	1			
24	0950 026 001	Gasket	1	1	1				48	1440 011 001	Hexagon head screw M 10×35	4					
									49	0240 064 000	Hexagon head screw M 10×40			4	4		
									50	0972 004 105	Oil drain cock	1	1	1			
									51	0950 014 001	Sealing washer	1	1	1			
										1444 012 000	Cover	2	2	2			
										1440 026 000	Fitting	1	1	1			

* SA 280 up to engine Nr. 6203 929

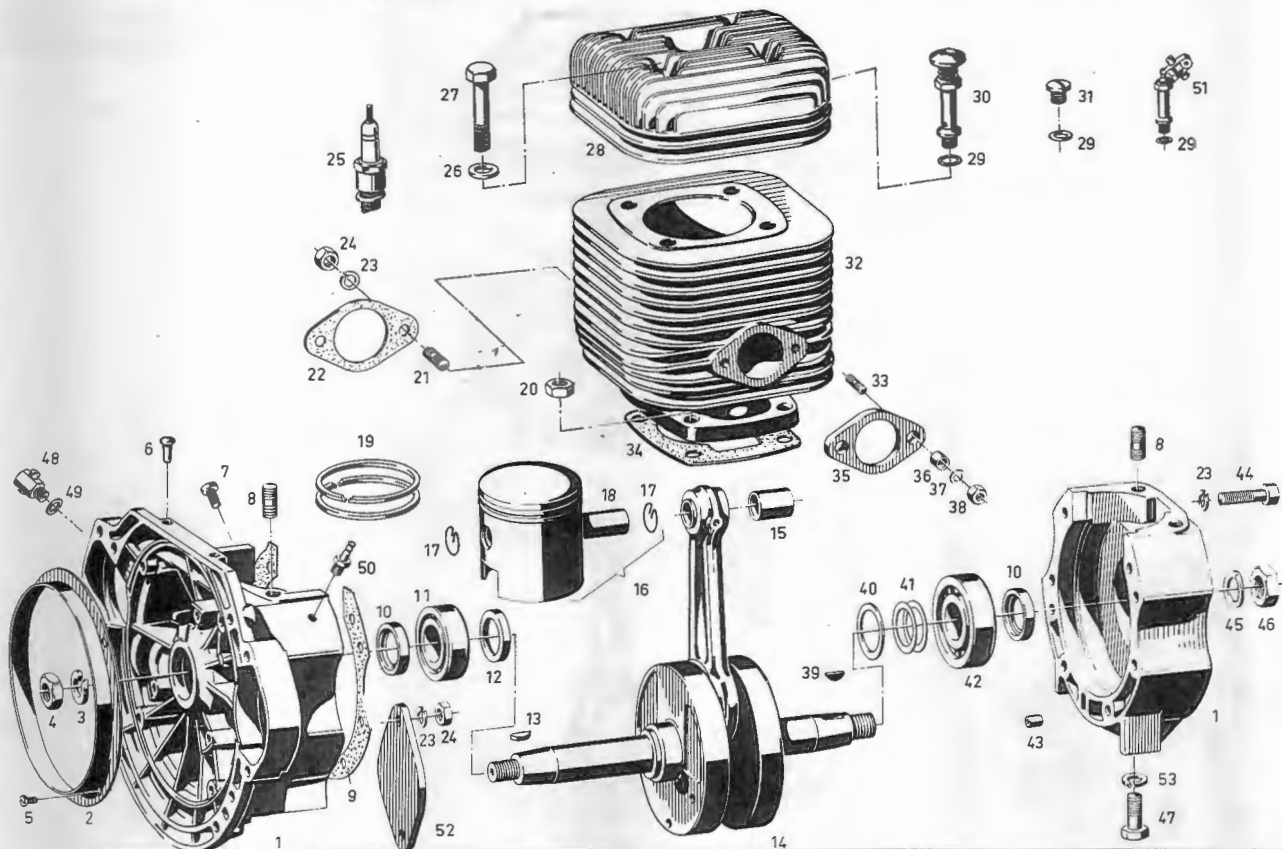
SA 290 Crankcase, gravity cast iron

x = as required

Plate 2 Crankcase, Crankshaft, Cylinder

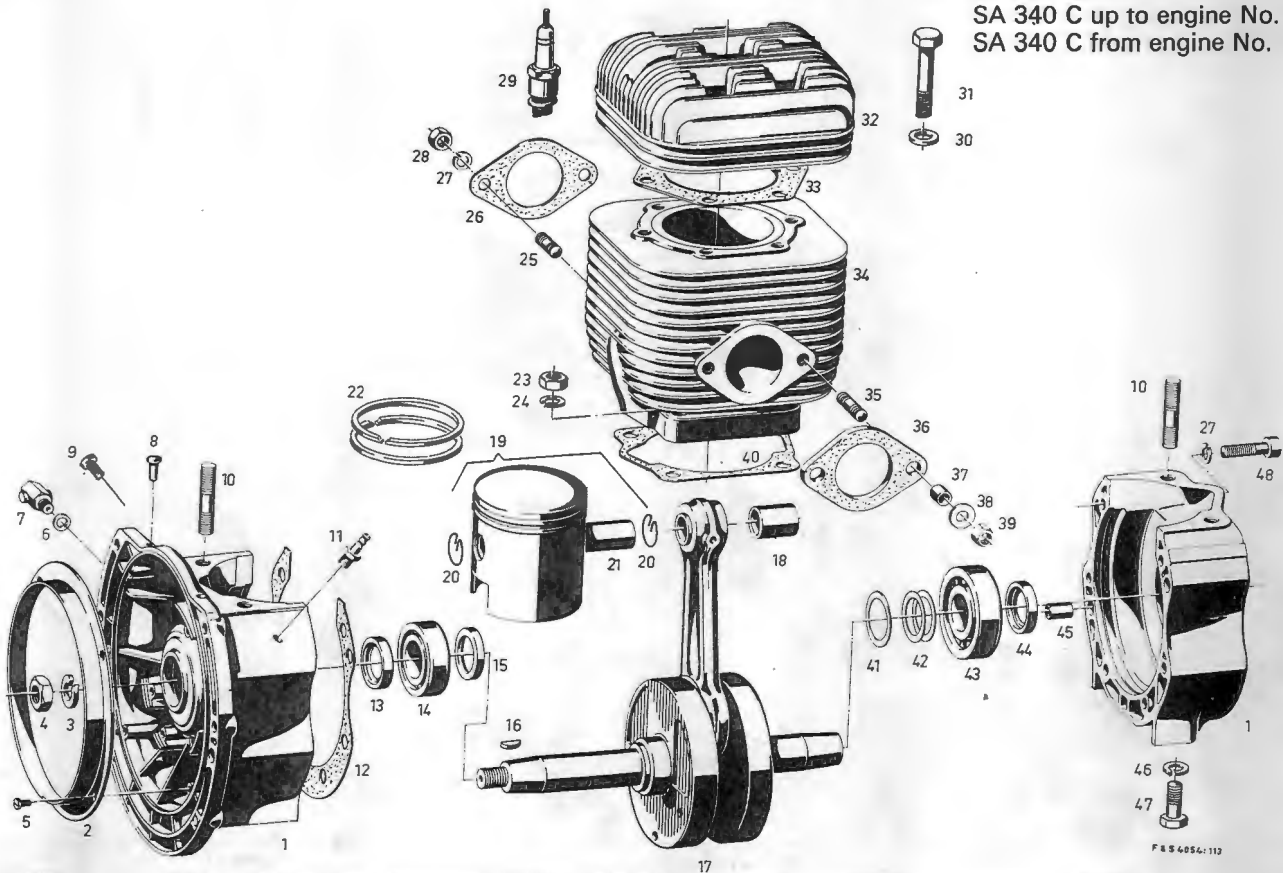
SA 280 with electric starter
SA 290 with and without electric starter
SA 290 C

from engine Nr. 6203 930



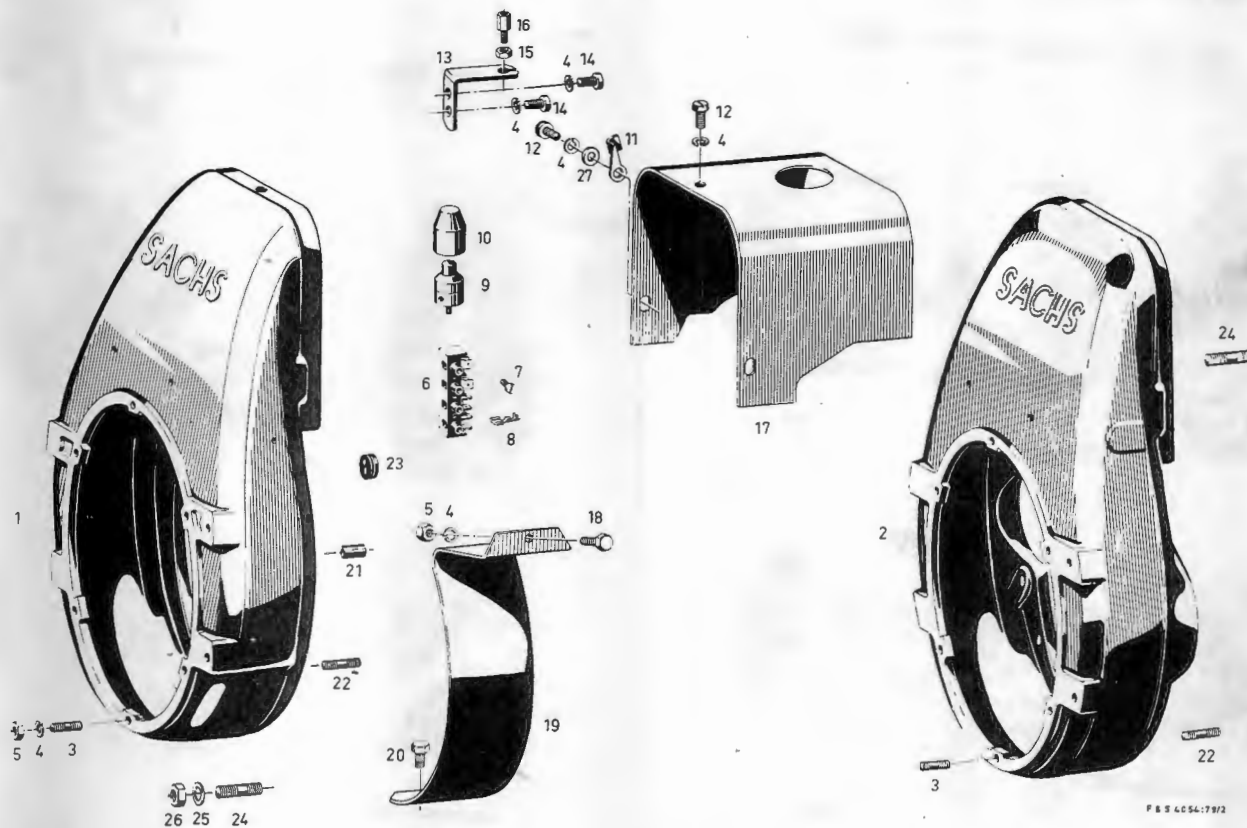
Illustr. No.	Part Number	Description	SA 280 A				Illustr. No.	Part Number	Description	SA 280 A			
			SA 280	SA 290	SA 290 C	SA 290 SS				SA 280	SA 290	SA 290 C	SA 290 SS
			Pieces							Pieces			
1	1487 001 309	Crankcase ass'y., version with electric starter	1					1413 004 206	Cylinder head for version with decompressor		1		
	1487 001 309	Crankcase ass'y., for version with and without electric starter	1					1413 004 208	Cylinder head for version without decompressor			1	
	1487 001 314	Crankcase ass'y., for version without electric starter		1				1450 043 000	Cylinder head gasket			1	
2	0970 148 000	Labyrinth ring	1	1	1		29	0230 015 000	Sealing washer	1	1		
3	0245 023 007	Spring washer for M 14	1	1	1		30	0986 154 000	Decompressor	1	1		
4	0942 020 100	Nut M 14x1.5	1	1	1		31	0241 053 100	Screw M 10x10			1	
5	0940 047 000	Fillister head screw M 5x7	4	4	4		32	1487 005 120	Cylinder ass'y. with illustr. 21 and 33	1			
6	1463 012 000	Plug	1	1	1			1487 015 110	Cylinder ass'y. with illustr. 21 and 33		1		
7	0240 131 001	Fillister head screw M 6x8	1	1	1			1487 015 111	Cylinder ass'y. SKIROULE version with illustr. 21 and 2x0940 126 101 stud M 6x35		1		
8	0940 059 101	Stud M 10x30	4	4				1487 015 120	Cylinder ass'y. (Alu.) with illustr. 21 and 33, with Piston and Piston ring			1	
9	1940 005 101	Stud M 10x32			4			33	0240 002 101	Stud M 6x22	2	2	2
10	1450 026 100	Gasket	1	1	1		34	1940 013 201	Stud M 6x28 (BEEHOO version)	2	2		
11	0930 015 001	Lip seal 25x35x9/7	2	2	2		35	1450 017 100	Gasket	1	1	1	
12	1432 022 001	Deep groove ball bearing 6305 C 3 DIN 625	1	1	1		36	1450 007 005	Insulating flange opening 33.5	1	1		
13	1447 019 000	Spacer ring 25x40x5	1	1	1		37	1450 007 006	Insulating flange opening 36.5			1	
14	0246 001 001	Key 3x5	1	1	1		38	1447 006 000	Insulating bush 8.1x6.5x8	2	2		
15	Table	Crankshaft, page 14					39	1447 015 001	Insulating bush 10.1x8.5x9			2	
16	0932 059 005	Bush for connecting rod small end	1	1	1		40	1350 010 000	Insulating washer 6.4x12x1.8	2			
17	Table	Piston ass'y., page 15					41	0942 117 002	Nut M 6, self-locking	2			
18	0945 062 000	Circlip	2	2	2		42	0946 001 100	Key 6x7.5	1	1	1	
19	1916 011 100	Gudgeon pin	1				43	1444 036 000	Washer 30.4x40.5x1.5	1	1	1	
20	1416 001 100	Gudgeon pin		1	1		44	0944 058 002	Shim 30.4x40.5; thickness	x	x	x	
21	Table	Piston ring with rectangular section page 15					45	1432 029 001	Cylindrical roller bearing NJ 206 EC 3 NA	1	1	1	
22	1942 001 000	Nut M 10; 14 mm across flats	4	4	4		46	2647 001 000	Dowel bush 8.4x15	1	1	1	
23	0244 044 001	Washer 10.2x15x0.8	4	4	4		47	0929 009 000	Dowel sleeve 8.4x15	2	2		
24	0940 017 111	Stud M 8x20 DIN 939	2	2	2		48	1940 039 000	Hexagon socket head screw M 8x35	4	4	4	
25	0950 026 001	Gasket	1	1			49	1440 044 001	Hexagon socket head screw M 8x60	2	2	2	
26	1450 033 000	Gasket		1			50	0245 023 008	Spring washer for M 16	1	1	1	
27	0245 023 003	Spring washer for M 8	8	8	8		51	0942 028 201	Nut M 16x1.5	1	1	1	
28	0242 020 000	Nut M 8	4	4	4		52	0941 056 000	Hexagon head screw M 10x45	4	4	4	
29	1465 002 005	Spark plug M 240 T 1 (BOSCH)	1	1			53	1815 124 000	Hexagon head screw M 10x25	4	4	4	
30	1465 002 007	Spark plug M 260 T 1 (BOSCH)		1				0972 004 105	Oil drain cock	1	1	1	
31	0944 043 000	Washer 10.5x17x1.8	4	4	4			0950 014 001	Sealing washer	1	1	1	
32	0940 056 000	Hexagon head screw M 10x55	4	4	4			1440 026 000	Threaded nipple for pulsating	1	1	1	
33	1413 004 202	Cylinder head for version without decompressor	1					1405 005 000	Elbow connection	1	1	1	
34	1413 004 205	Cylinder head for version without decompressor		1				0290 021 000	Decompressor	1			
35								1411 039 000	Flange, closing	1	1		
36								0245 023 004	Spring washer M 10	4	4	4	

x = as required



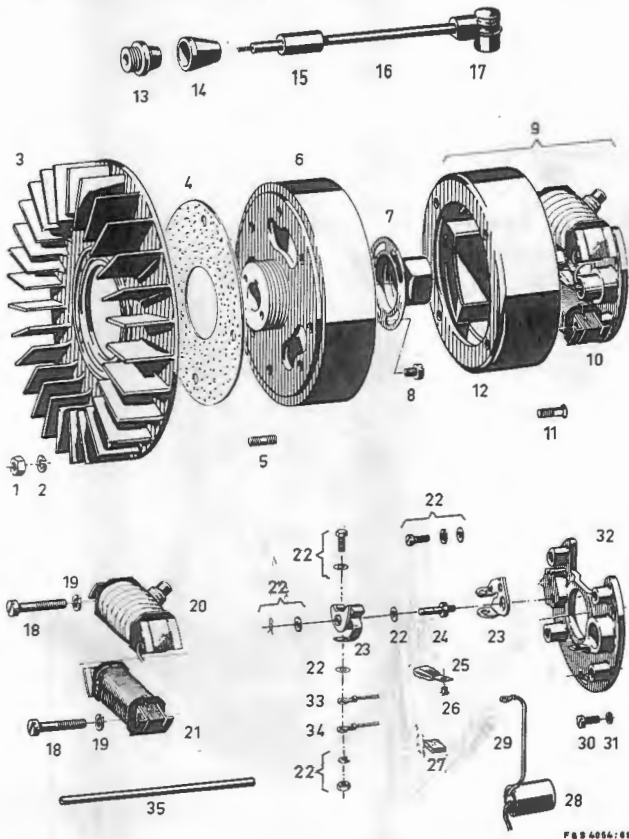
Illustr. No.	Part Number	Description	SA 290 SS	SA 340 C	SA 340 C	Illustr. No.	Part Number	Description	SA 290 SS	SA 340 C	SA 340 C
			up to 6169106	up to 6169107	up to 6169106				up to 6169107	Pieces	Pieces
1	1487 029 001	Crankcase ass'y. stud distance = 79×86 up to engine No. 6 169 106	1			31	1440 038 001	Hexagon head screw M 8×60	6	6	6
	1487 029 101	Crankcase ass'y. stud distance = 83×86 from engine No. 6 169 107	1	1		32	1413 018 100	Cylinder head	1	1	1
2	0970 148 000	Labyrinth ring	1	1	1	33	3650 007 000	Cylinder head gasket Ø 81	1	1	1
3	0245 023 007	Spring washer for M 14	1	1	1	34	1450 047 000	Cylinder head gasket Ø 75	1		
4	0942 020 100	Nut M 14×1.5	1	1	1		1487 030 000	Cylinder ass'y. with illustr. 25 and 35 bore distance on cylinder socket 79×86			
5	0940 047 000	Fillister head screw M 5×7	4	4	4		1487 030 100	Cylinder ass'y. with illustr. 25 and 35 bore distance on cylinder socket 83×86	1		
6	0950 014 001	Sealing washer	1	1	1		1487 015 225	Cylinder ass'y. with illustr. 25 and 35 bore distance on cylinder socket 83×86			1
7	0972 004 105	Oil drain cock	1	1	1						
8	1463 012 000	Plug	1	1	1	35	0940 147 001	Stud M 8×30	1		
9	0240 131 001	Fillister head screw M 6×8	1			36	1450 029 000	Insulating flange	2	2	2
10	1940 129 101	Stud M 10×50	4	4	4	37	1447 015 000	Insulating bush. 8.5×10.1×13.5	1	1	1
11	1440 026 000	Threaded nipple } for pulsating	1	1	1	38	1450 031 000	Insulating washer 8.4×17×2.3	2	2	2
	1405 005 000	Elbow } connections	1	1	1	39	1342 003 004	Nut M 8, self-locking	2	2	2
12	1450 026 100	Gasket	1	1	1	40	1450 042 000	Gasket, bore distance 79×86	1	1	
13	0930 015 001	Lip seal 25×35×7/9	1	2	1	41	1450 042 100	Gasket, bore distance 83×86	1	1	1
14	1432 022 001	Deep groove ball bearing 6305 C 3 DIN 625	1	1	1	42	1444 036 000	Washer 30.4×40.5×1.5	1	1	1
15	1447 019 000	Spacer ring 25×40×5	1	1	1		0944 058 002	Shim 30.4×40.5;	x	x	x
16	0246 001 001	Key 3×5	1	1	1	43	1432 029 001	Cylindrical roller bearing NJ 206 EC 3 NA	1	1	1
17	Table	Crankshaft page 14				44	1430 004 000	Lip seal 30×47×8	1		1
18	0932 059 005	Bush for connecting rod small end	1	1	1	45	2647 001 000	Dowel sleeve 8.4×15	1	1	1
19	Table	Piston ass'y., page 15				46	0245 023 004	Spring washer for M 10	1	1	1
20	0945 062 000	Circlip	2	2	2	47	0240 064 000	Hexagon head screw M 10×40	4	4	4
21	1416 001 100	Gudgeon pin	1			48	1440 056 001	Hexagon socket head screw M 8×65	2	2	2
22	1416 005 000	Gudgeon pin	1	1	1		1940 039 000	Hexagon socket head screw M 8×35	4	4	4
23	Table	Piston ring with rectangular section page 15									
24	1942 001 000	Nut M 10; 14 mm across flats	4				1486.031.000	GASKET SET	1		
	0242 009 000	Nut M 10; 17 mm across flats	4	4	4						
25	0245 023 004	Spring washer for M 10	4	4	4		1486.031.001		1		1
26	0244 044 000	Washer 10.2×15×0.8	4								
27	0940 017 101	Stud M 8×20	2	2	2						
28	1450 033 000	Gasket	1	1	1						
29	0245 023 003	Spring washer for M 8	8	8	8						
30	0242 020 000	Nut M 8	4	4	4						
	0665 120 001	Spark plug W 290 T 16 (BOSCH)	1	1	1						
	0244 124 001	Washer 8.4×17×2	6	6	6						

x = as required



Illustr. No.	Part Number	Description	SA 280 A	SA 280	SA 290	SA 290 C	SA 290 SS	SA 340 C	Illustr. No.	Part Number	Description	SA 280 A	SA 280	SA 290	SA 290 C	SA 290 SS	SA 340 C
			Pieces									Pieces					
1	1487 009 303	Fan housing ass'y., including:.....	1	1			1	1	22	0240 002 101	Stud M 6×22 DIN 835 5 S	6	6				6
		6×0240 002 101 stud								0941 061 201	Stud M 6×25			2	2		
		6×1440 054 001 stud								1440 036 001	Stud M 8×38 DIN 825 8 G			4	4		
2	1487 009 513	Fan housing ass'y., including:.....	1	1	1				23	0260 020 000	Rubber grommet	1	1	1	1		
		6×1440 054 001 stud							24	1440 028 001	Stud M 8×16 } for fixing the			2	2	2	
		2×0941 061 201 stud							25	1344 011 004	Washer } supporting			2	2	2	
		4×1440 036 001 stud							26	0242 020 000	Nut M 8 } plate			2	2	2	
3	1440 054 001	Stud M 6×15	6	6	6	6	6	6	27	0244 021 000	Washer 6.2×14×1.5			2	2	2	
4	0245 023 002	Spring washer for M 6	18	18	18	18	18	18									
5	0316 057 002	Nut M 6	13	13	13	13	13	13									
6	1465 004 200	Terminal block (4 poles)	1	1	1	1	1	1									
7	1440 030 201	Fillister head screw BM 4×12	2	2	2	2	2	2									
8	0265 152 000	Terminal, cable	4	4	4	4	4	4									
	1465 016 000	Insulating sleeve	4	4	4	4	4	4									
9	0965 154 105	Short-circuit button	1	1	1	1	1	1									
	0299 059 007	Short circuiting cable						1									
		(quote required length)															
		Cancelled															
11	0951 071 200	Clip for fastening ignition cable	1	1	1	1	1	1									
12	0941 057 000	Fillister head screw M 6×10	3	3	3	3	3	3									
13	1451 015 200	Bracket for control cable	1	1	1	1											
	1451 031 000	Bracket for control cable					1	1									
14	0940 008 001	Fillister head screw M 6×15	2	2	2	2	2	2									
15	0316 057 002	Nut M 6	1	1	1	1	1	1									
16	1440 037 201	Adjusting screw M 6×25	1	1	1	1	1	1									
		bore for cable hose 6.3 mm-dia.,															
	1440 031 104	Adjusting screw M 6×33	1	1	1	1	1	1									
		bore for cable hose 7.1 mm dia.,															
		hexagon head, 9 mm across flats															
17	1444 014 202	Cover	1	1	1	1	1	1									
	1444 014 203	Cover for version with carburettor															
		fitted left-hand side	1														
	1444 014 204	Cover for version carburettor with															
		protective sheet		1	1												
18	0240 038 002	Hexagon head screw M 6×12	2	2			2	2									
19	0970 145 000	Deflector	1	1			1	1									
20	0240 077 001	Hexagon head screw M 6×8	1	1													
21	0929 009 000	Dowel sleeve 8.4×15	2	2	2	2	2	2									

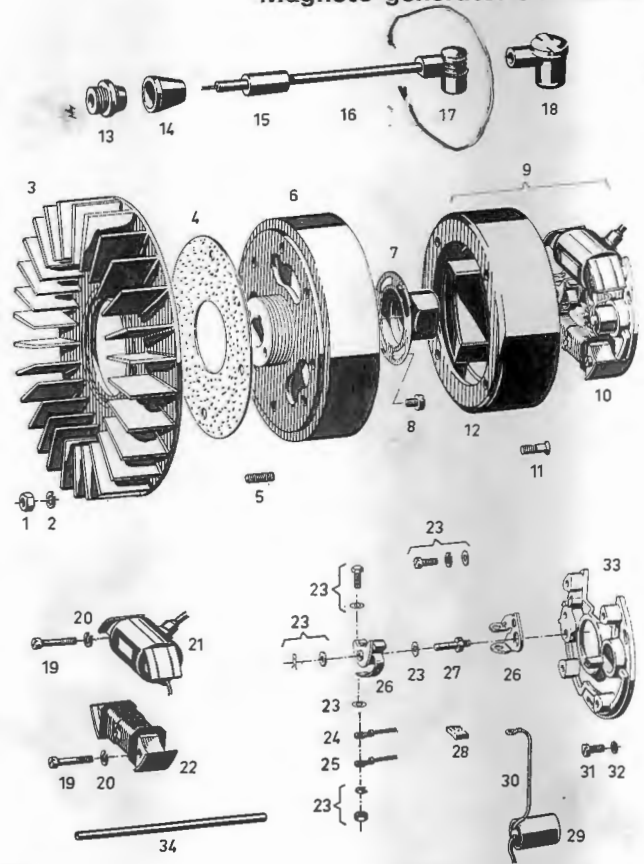
Plate 5 Magneto-generator 6 V – 16 W



I

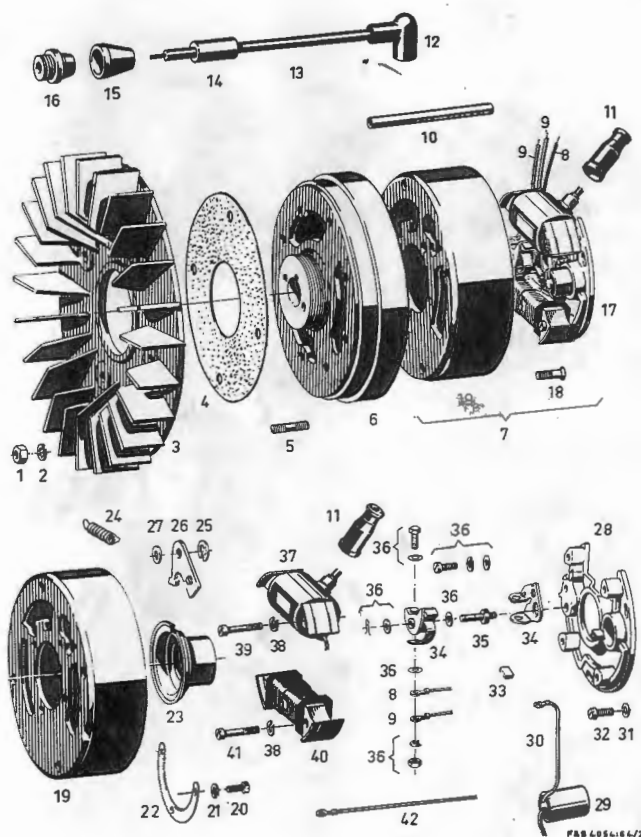
Illustr. No.	Part Number	Description	SA 280 A	SA 280	SA 290	SA 290 C	SA 290 SS	SA 340 C
			Pieces					
I		Magneto-generator 6V-16W						
1	0316 057 002	Nut M 6	4					
2	0245 023 002	Spring washer for M 6	4					
3	0966 111 100	Fan	1					
4	1450 039 000	Gasket	1					
5	0940 101 202	Stud M 6×14	4					
6	1418 009 000	Flywheel	1					
7	0966 103 100	Breaker hub	1					
8	0940 099 001	Fillister head screw M 5×6	4					
9	0986 209 105	Magneto-generator 6 V-16 W. BOSCH No. 0212 409 002	1					
10	0986 330 005	Armature plate ass'y.	1					
11	0940 120 200	Screw, Phillips type, AM 6×10	4					
12	0986 331 000	Flywheel ring	1					
13	0965 110 000	Cable connector	1					
14	0265 036 000	Rubber cap	1					
15	0960 022 000	Rubber sleeve	1					
16	0665 016 101	Ignition cable, please quote required length	1					
17	1465 011 001	Spark plug connector ass'y.	1					
18	0940 123 000	Fillister head screw	4					
19	0245 023 001	Spring washer for M 5	4					
20	0965 116 000	Ignition armature	1					
21	0965 115 000	Generating armature	1					
22	0283 107 000	Set of spares for contact breaker	1					
23	0983 106 000	Set of contact breaker points	1					
24	0240 066 009	Pivot pin	1					
25	0265 081 000	Lubricating pad for riveting	1					
26	0243 033 000	Rivet	1					
27	2865 008 000	Lubricating pad for pressing	1					
28	0965 091 000	Condenser	1					
29	0965 120 000	Connecting cable to condenser	1					
30	0240 056 001	Fillister head screw M 5×12	3					
31	0244 054 002	Washer	3					
32	0965 117 000	Armature plate	1					
33	1483 009 000	Short-circuiting cable	} please quote required length	1				
34	0299 059 009	Lighting cable		1				
35	1964 004 000	Insulating hose		1				

Magneto-generator 6 V – 36 W

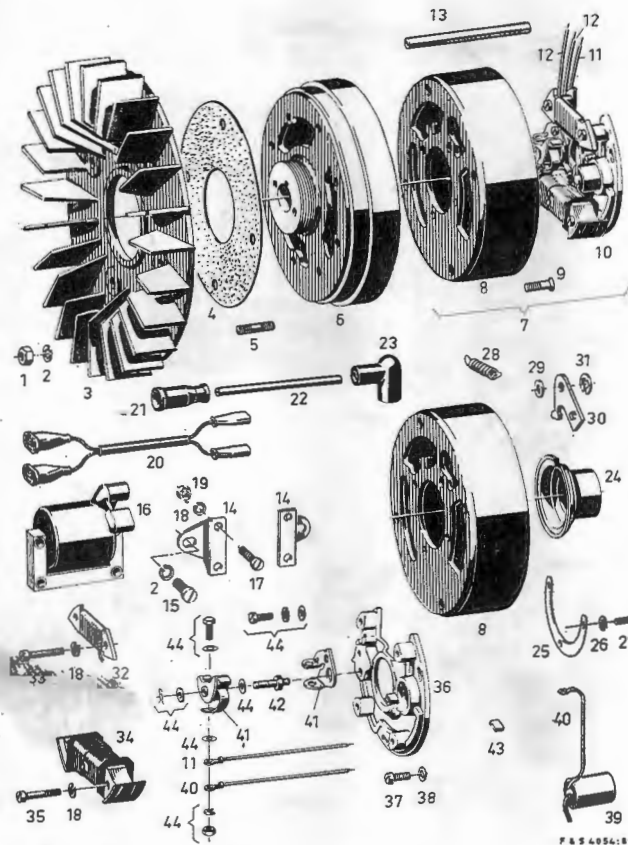


II

Illustr. No.	Part Number	Description	SA 280 A	SA 280	SA 290	SA 290 C	SA 290 SS	SA 340 C
			Pieces					
II Magneto-generator 6 V–36 W								
1	0316 057 002	Nut M 6	4	4	4			
2	0245 023 002	Spring washer for M 6	4	4	4			
3	0966 111 100	Fan	1	1	1			
4	1450 039 000	Gasket	1	1	1			
5	0940 101 202	Stud M 6×14	4	4	4			
6	1418 009 000	Flywheel	1	1	1			
7	0966 103 100	Breaker hub	1	1	1			
8	0940 099 001	Fillister head screw M 5×6	4	4	4			
9	0983 112 010	Magneto-generator 6 V–36 W BOSCH No. 0212 409 011	1	1	1			
10	0986 330 006	Armature plate ass'y.	1	1	1			
11	0940 120 200	Screw, Philips type, AM 6×10	4	4	4			
12	0986 331 001	Flywheel ring	1	1	1			
13	0965 110 000	Cable connector	1	1	1			
14	0265 036 000	Rubber cap	1	1	1			
15	0960 022 000	Rubber sleeve	1	1	1			
16	0665 016 101	Ignition cable, please quote requ. length	1	1	1			
17	1465 011 001	Spark plug connector ass'y.	1	1	1			
18	0288 091 000	Spark plug connector (marked „S“)	1	1	1			
19	0940 123 000	Fillister head screw	4	4	4			
20	0245 023 001	Spring washer for M 5	4	4	4			
21	0965 116 000	Ignition armature	1	1	1			
22	0965 115 001	Generating armature	1	1	1			
23	0283 107 000	Set of spares for contact breaker	1	1	1			
24	1483 009 001	Short-circuiting cable } please quote	1	1	1			
25	0299 059 001	Lighting cable } required length	1	1	1			
26	0983 106 000	Set of contact breaker points	1	1	1			
27	0240 066 009	Pivot pin	1	1	1			
28	2865 008 000	Lubricating pad	1	1	1			
29	0965 091 000	Condenser	1	1	1			
30	0965 120 000	Connecting cable to condenser	1	1	1			
31	0240 056 001	Fillister head screw M 5×12	3	3	3			
32	0244 054 002	Washer	3	3	3			
33	0965 117 000	Armature plate	1	1	1			
34	1964 004 000	Insulating hose	1	1	1			
	1483 024 001	Cable Set (SCORPION)	1					
		length: 460 mm (18.1102 in)						
	1483 012 100	Ground cable ass'y, please quote required length	1	1				

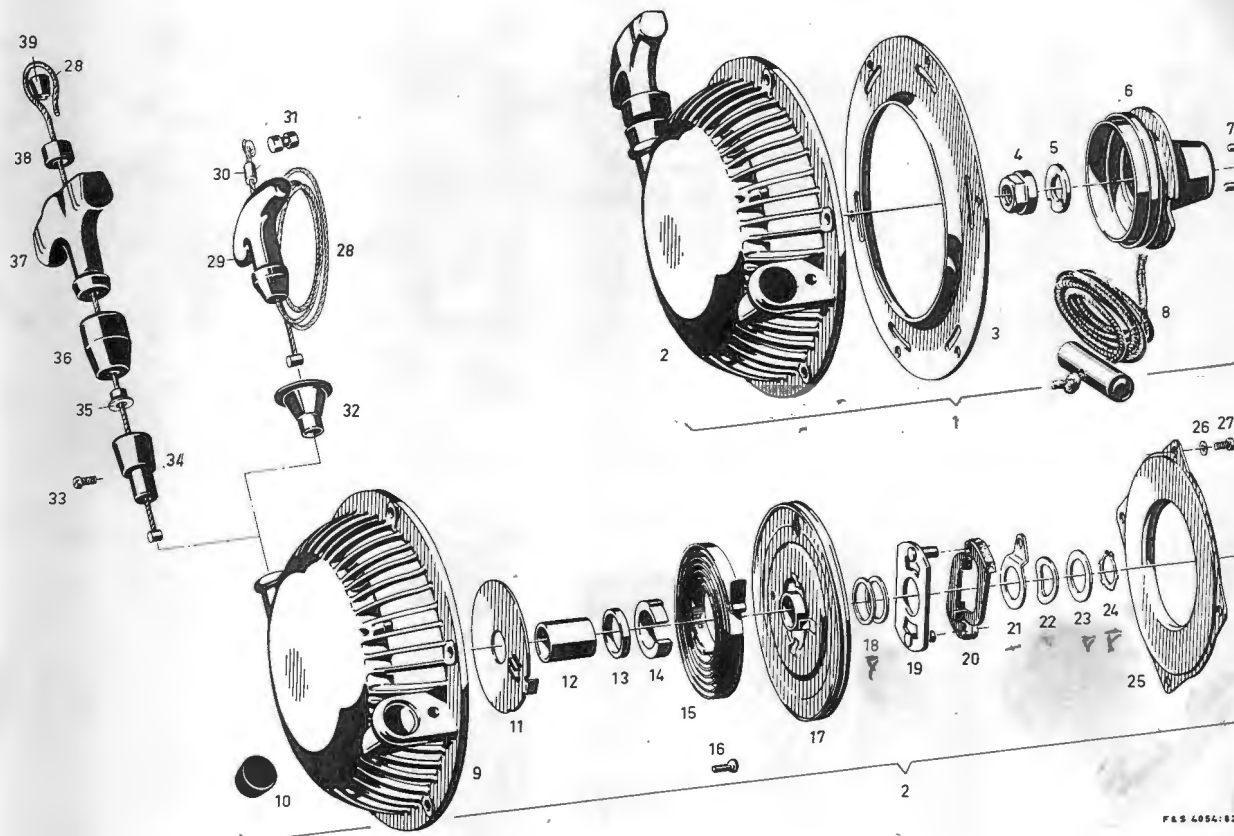


Illustr. No.	Part Number	Description	SA 280 A					Illustr. No.	Part Number	Description	SA 280 A				
			SA 280	SA 290	SA 290 C	SA 290 SS	SA 340 C				SA 280	SA 290	SA 290 C	SA 290 SS	SA 340 C
			Pieces								Pieces				
		Magneto-generator 12V-40W						26	1465 018 000	Flyweight, 2nd version	1	1	1	1	1
1	0316 057 002	Nut M 6	4	4	4	4	4	27	1465 007 000	Flyweight, 1st version	1	1	1	1	1
2	0245 023 002	Spring washer for M 6	4	4	4	4	4	28	1444 019 000	Washer for flyweight	2	2	2	2	2
3	0966 111 200	Fan	1	1	1	1	1	29	1465 003 000	Armature plate, only	1	1	1	1	1
4	1466 002 100	Fan	1	1	1	1	1	30	0965 091 000	Condenser	1	1	1	1	1
5	1450 039 000	Gasket	1	1	1	1	1	31	0965 120 000	Connecting cable to condenser	1	1	1	1	1
6	0940 101 202	Stud M 6×14	4	4	4	4	4	32	0244 054 002	Washer	3	3	3	3	3
7	0940 101 201	Stud M 6×12	4	4	4	4	4	33	0240 056 001	Fillister head screw M 5×12	3	3	3	3	3
8	1418 011 300	Flywheel	1	1	1	1	1	34	2865 008 000	Lubricating pad	1	1	1	1	1
9	1483 008 000	Magneto-generator 12 V-40 W BOSCH No. 0212 417 002	1	1	1	1	1	35	0283 101 100	Set of contact breaker points	1	1	1	1	1
10	0299 059 007	Short-circuiting cable (black)	1	1	1	1	1	36	0240 066 009	Pivot pin	1	1	1	1	1
11	0299 059 009	Lighting cable (yellow)	2	2	2	2	2	37	0283 107 000	Set of spares for contact breaker	1	1	1	1	1
12	0260 121 001	Insulating hose	1	1	1	1	1	38	0965 116 000	Ignition armature	1	1	1	1	1
13	0265 150 000	Cap, protective, for ignition armature	1	1	1	1	1	39	0245 023 001	Spring washer for M 5	4	4	4	4	4
14	1465 011 001	Spark plug connector ass'y., consisting of: 1×1439 014 000 spring 1×1442 006 000 union nut 1×1465 011 000 spark plug connector	1	1	1	1	1	40	0640 009 000	Fillister head screw for ignition armature	2	2	2	2	2
15	0665 016 101	Ignition cable, please quote required length	1	1	1	1	1	41	0965 115 000	Generating armature	1	1	1	1	1
16	0960 022 000	Rubber sleeve	1	1	1	1	1	42	0940 123 000	Fillister head screw for generating armature	2	2	2	2	2
17	0265 036 000	Rubber cap	1	1	1	1	1		1483 012 100	Ground cable ass'y, please quote required length	1	1	1	1	1
18	0965 110 000	Cable connector	1	1	1	1	1		1483 024 002	Cable set (SCORPION) Length: 460 mm (18.1102 in) for magneto-generator 12 V-40 W	1	1	1	1	1
19	1483 010 000	Armature plate ass'y.	1	1	1	1	1		1483 012 100	Ground cable ass'y please indicate required length	1	1	1	1	1
20	0940 120 200	Screw, Philips type, AM 6×10	4	4	4	4	4								
21	1483 011 000	Flywheel ass'y., with illustr. 20-27	1	1	1	1	1								
22	2015 142 000	Fillister head screw M 5	3	3	3	3	3								
23	0245 023 001	Spring washer for M 5	3	3	3	3	3								
24	1447 018 000	Supporting ring for cam	1	1	1	1	1								
25	1423 001 000	Cam for flywheel	1	1	1	1	1								
26	1439 008 000	Spring for flyweight	1	1	1	1	1								
27	0945 111 000	Lock washer	1	1	1	1	1								



F & S 4056:80

Illustr. No.	Part Number	Description	SA 280 A SA 280 SA 290 SA 290 C SA 290 SS SA 340 C					Illustr. No.	Part Number	Description	SA 280 A SA 280 SA 290 SA 290 C SA 290 SS SA 340 C				
			Pieces								Pieces				
		Magneto-generator 12V-75W													
1	0316 057 100	Nut M 6	4	4				21	0265 150 000	Cap, protective	1	1			
2	0245 023 002	Spring washer for M 6	6	6				22	0665 016 101	Ignition cable, please quote required length	1	1			
3	0966 111 100	Fan	1	1				23	1465 011 001	Spark plug connector ass'y., consisting of: 1×1439 014 000 spring 1×1442 006 000 union nut 1×1465 011 000 spark plug connector	1	1			
4	1466 002 100	Fan		1											
5	1450 039 000	Gasket	1	1				24	1423 002 000	Cam for flywheel	1	1			
6	0940 101 202	Stud M 6×14	4	4				25	1447 018 000	Supporting ring for fixing the cam	1	1			
7	1418 011 302	Flywheel	1	1				26	0245 023 000	Spring washer for M 4	3	3			
8	1483 015 000	Magneto-generator 12 V-75 W BOSCH No. 0212 422 003	1	1				27	2015 142 000	Fillister head screw AM 4×5	3	3			
9	0940 120 200	Screw, Philips type	4	4				28	1439 008 000	Spring for flyweight	1	1			
10	1483 020 000	Armature plate ass'y.	1	1				29	0244 100 000	Washer for flyweight	1	1			
11	0265 137 002	Generator cable (blue)	1	1				30	1465 018 000	Flyweight	1	1			
12	0299 059 009	Ligthing cable (yellow) } quote required length	2	2				31	1445 016 000	Lockwasher for flyweight	1	1			
13	0260 121 001	Insulating hose	1	1				32	1465 019 000	Ignition armature (primary)	1	1			
14	1451 027 000	Bracket for ignition coil	2	2				33	0640 034 002	Fillister head screw M 5×18	2	2			
15	0940 008 001	Fillister head screw M 6×15	2	2				34	0965 115 000	Generating armature	1	1			
16	0283 109 000	Ignition coil	1	1				35	0940 123 000	Fillister head screw	2	2			
17	0940 112 002	Fillister head screw M 5×22	4	4				36	1465 003 000	Armature plate, only	1	1			
18	0245 023 001	Spring washer for M 5	4	4				37	0240 056 001	Fillister head screw M 5×12	3	3			
19	0242 024-002	Nut	4	4				38	0244 054 002	Washer	3	3			
20	1483 017 000	Primary ground cable ass'y. (from terminal block to ignition coil) consisting of: 1×0965 108 001 cable, blue, 140 mm long (5.5118 in.) 1×1465 005 001 cable, brown, 140 mm long (5.5118 in.) 1×0960 148 001 insulating hose 2×0265 151 000 cap, protective against rain 2×1465 016 000 insulating sleeve 4×0265 152 000 cable terminal	1	1				39	0965 091 000	Condenser	1	1			
								40	0965 120 000	Connecting cable to condenser	1	1			
								41	0283 101 100	Set of contact breaker points	1	1			
								42	0240 066 009	Pivot pin	1	1			
								43	2865 008 000	Lubricating pad	1	1			
								44	0283 107 000	Set of spare parts of contact breaker	1	1			
									1483 024 003	Cable set (SCORPION); length: 460 mm (18.1102 in.) for magneto-generator 12 V-75 W	1	1			
									1483 012 100	Ground cable ass'y., please quote required length	1	1			

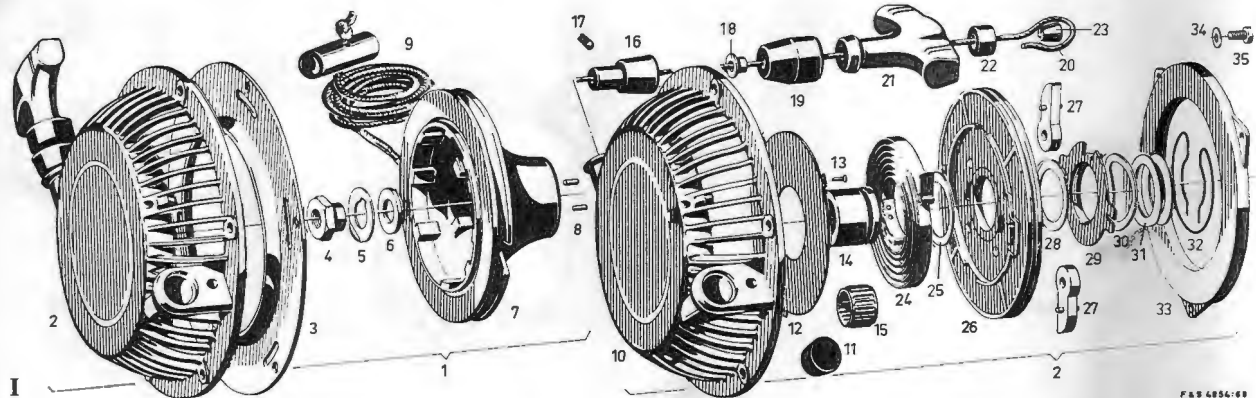


F&S 4054/82

Illustr. No.	Part Number	Description	SA 280 A					Illustr. No.	Part Number	Description	SA 280 A					
			SA 280	SA 280	SA 290	SA 290 C	SA 290 SS				SA 340 C	SA 280	SA 280	SA 290 C	SA 290 SS	SA 340 C
			Pieces								Pieces					
		Recoil starter, SACHS type with friction shoes						23	2844 011 000	Shim 22.2×32×0,5	x	x	x			
1		Cancelled						24	2844 011 001	Shim 22.2×32×0,3						
2	1470 007 000	Recoil starter ass'y., anti-clockwise rotation	1	1	1			25	0970 151 000	Circlip	1	1	1			
	1470 007 002	Recoil starter ass'y., anti-clockwise rotation with longer rope and additional rope guide	1	1	1			26	1444 040 001	Washer	4	4	4			
	1470 007 005	Recoil starter ass'y., clockwise rotation	1	1	1			27	0941 078 000	Fillister head screw M 5×12	4	4	4			
3	0970 150 000	Cover	1	1	1			28	1470 005 001	Rope ass'y. with solder nipple 1491 009 000, please quote required length	1	1	1			
4	1442 007 000	Collar nut M 14×1.5	1	1	1			29	0986 473 000	Starter handle ass'y.	1	1	1			
5	0944 132 100	Washer	1	1	1			30	0947 103 000	Clamping bush	1	1	1			
6	1470 006 000	Starter drum with emergency starting device	1	1	1			31	0949 004 100	Retaining pin	1	1	1			
7	0232 014 000	Cylindrical roller 4×8	2	2	2			32		Cancelled						
8	0986 518 101	Starter rope ass'y. with handle	1	1	1			33	0241 021 006	Fillister head screw M 4×10	1	1	1			
9	1470 021 002	Starter housing ass'y. with illustr. 10, 11, 12, 18, 24, 33, 34	1	1	1			34	1452 015 000	Rope guide	1	1	1			
10	0960 000 100	Plug	1	1	1			35	1447 011 000	Collar bush	2	2	2			
11	0944 014 100	Check plate	1	1	1			36	1452 016 000	Buffer	1	1	1			
12	1432 001 100	Bush	1	1	1			37	1452 017 000	Starter handle	1	1	1			
13	0947 122 000	Spacer ring	1	1	1			38	1452 019 000	Clamping ring	1	1	1			
14	0947 100 000	Supporting ring	1	1	1			39	1452 020 000	Clamping cone	1	1	1			
15	0939 002 001	Spiral spring	1	1	1											
16	0943 100 100	Tubular rivet	1	1	1											
17	1470 015 000	Rope pulley	1	1	1											
18	2644 003 000	Shim 25.3×31, thickness	x	x	x											
19	1486 017 001	Supporting plate ass'y. for driving lever	1	1	1											
20	0986 458 005	Driving lever ass'y., anti-clockwise rotation	1	1	1											
	0986 458 015	Driving lever ass'y., clockwise rotation	1	1	1											
21	1444 009 000	Friction washer	1	1	1											
22	1445 006 000	Spring washer	1	1	1											

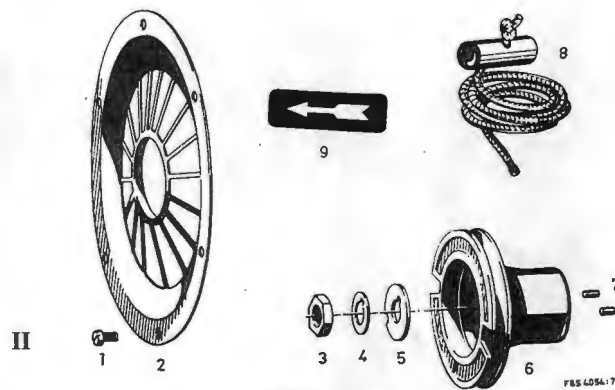
x = as required

The specified direction of rotation refers to the direction of rotation of the crankshaft power take-off side



F&S 4854-68

Starter pulley



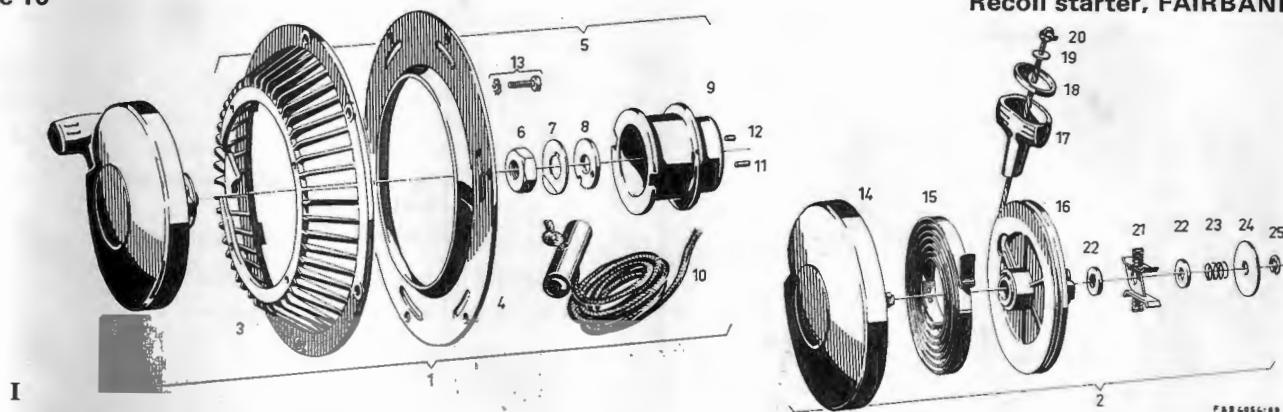
F&S 4854-76

Illustr. No.	Part Number	Description	SA 280 A SA 280 SA 290 SA 290 C SA 290 SS SA 340 C						Illustr. No.	Part Number	Description	SA 280 A SA 280 SA 290 SA 290 C SA 290 SS SA 340 C					
			Pieces									Pieces					
I		Recoil starter, SACHS type with pawls							20	1470 005 001	Rope ass'y. with solder nipple 0999 126 000, please quote required length	1	1	1	1	1	1
1	1470 018 001	Recoil starter, kit, ... anti-clockwise rotation	1	1	1	1	1	1	21	1452 017 000	Starter handle	1	1	1	1	1	1
	1470 018 003	Recoil starter, kit, ... anti-clockwise rotation, with longer rope and loose rope guide	1	1	1	1	1	1	22	1452 019 000	Clamping ring	1	1	1	1	1	1
	1470 018 005	Recoil starter, kit, ... clockwise rotation	1	1	1				23	1452 020 000	Clamping cone	1	1	1	1	1	1
2	1470 017 000	Recoil starter ass'y., ... anti-clockwise rotation	1	1	1	1	1	1	24	1439 010 000	Spiral spring	1	1	1	1	1	1
	1470 017 001	Recoil starter ass'y., ... anti-clockwise rotation, with longer rope and loose rope guide	1	1	1	1	1	1	25	1444 021 002	Washer 43.2×54×0.8	2	2	2	2	2	2
	1470 017 005	Recoil starter ass'y., ... clockwise rotation	1	1	1				26	1452 014 000	Rope pulley	1	1	1	1	1	1
3	0970 150 000	Cover	1	1	1	1	1	1	27	1452 018 000	Starter pawl	2	2	2	2	2	2
4	1442 005 001	Collar nut	1	1	1	1	1	1	28	1444 021 000	Washer 43.2×54×0.1	1	1	1	1	1	1
5	1445 010 000	Tab washer	1	1	1	1	1	1	29	1452 021 000	Brake disc	1	1	1	1	1	1
6	1444 022 000	Washer	1	1	1	1	1	1	30	1445 011 000	Spring washer	1	1	1	1	1	1
7	1452 013 000	Starter drum with emergency starting device	1	1	1	1	1	1	31	1444 021 000	Shim 43.2×54, ...	x	x	x	x	x	x
8	0232 014 000	Cylindrical roller 4×8	2	2	2	2	2	2	32	1439 011 000	Brake spring	1	1	1	1	1	1
9	0986 518 101	Starter rope ass'y. with starter handle	1	1	1	1	1	1	33	1444 023 000	Labyrinth ring	1	1	1	1	1	1
10	1470 016 100	Starter housing ass'y., anti-clockwise including illustr. 12...15	1	1	1	1	1	1	34	0644 015 001	Washer 4.2×10×2.0	3	3	3	3	3	3
	1470 016 101	Starter housing ass'y., clockwise rotation, including illustr. 12...15	1	1	1	1	1	1	35	0241 021 006	Fillister head screw M 4×10	3	3	3	3	3	3
11	3644 013 000	Washer with lug (for fitting spring)	1	1	1	1	1	1	II								
12	0960 000 100	Plug	1	1	1	1	1	1	1	0941 057 000	Fillister head screw M 6×10	6					
13	1444 024 000	Check plate	1	1	1	1	1	1	2	0970 146 100	Cover	1					
14	1443 003 004	Rivet	3	3	3	3	3	3	3	1442 001 001	Nut M 14×1.5; 27 mm across flats.	1					
15	1432 025 000	Bush	1	1	1	1	1	1	4	1445 003 000	Tab washer	1					
16	1447 013 000	Tolerance ring	1	1	1	1	1	1	5	0944 150 000	Washer	1					
17	1452 015 000	Rope guide	1	1	1	1	1	1	6	1452 002 000	Starter pulley	1					
18	0241 021 006	Fillister head screw M 4×10	1	1	1	1	1	1	7	0232 014 000	Cylindrical roller 4×8	2					
19	1447 011 000	Bush with collar	2	2	2	2	2	2	8	0986 518 101	Starter rope ass'y.	1					
	1452 016 000	Buffer	1	1	1	1	1	1	9	0999 036 100	Label showing direction of rotation	1					

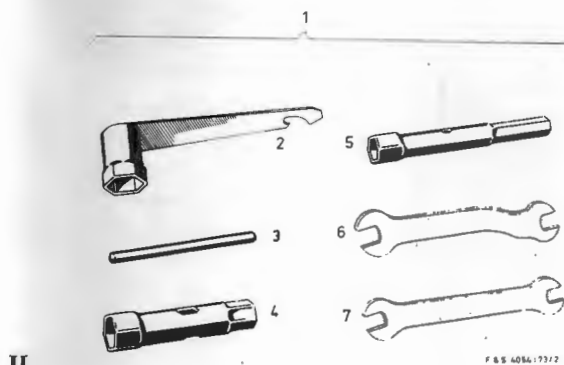
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The specified direction of rotation refers to the direction of rotation of the crankshaft power take-off side

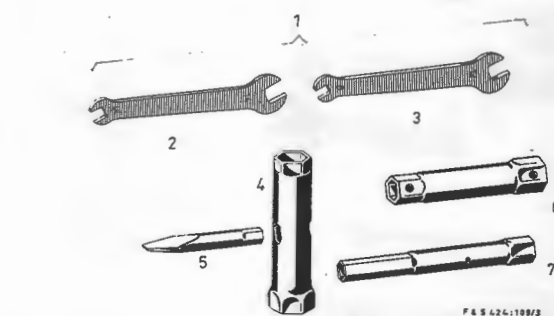
Recoil starter, FAIRBANKS type



Tools

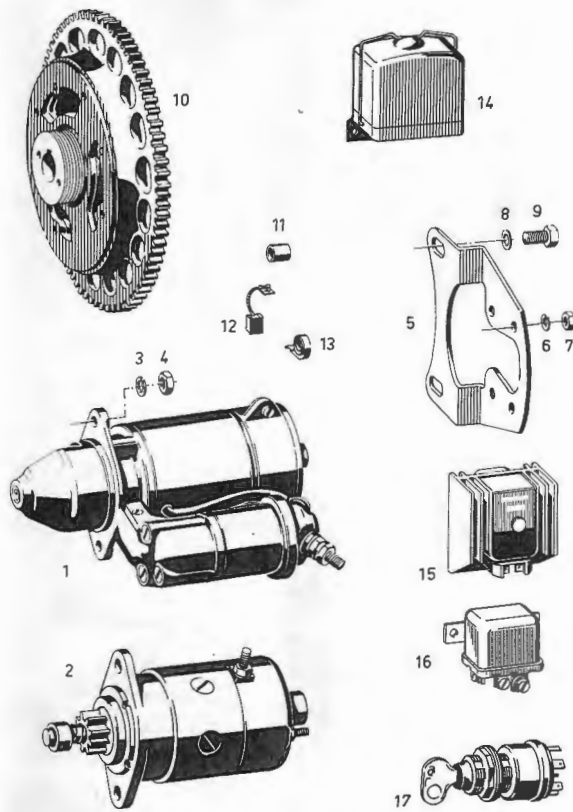


Tools



Illustr. No.	Part Number	Description	SA 280 A	SA 280	SA 290	SA 290 C	SA 290 SS	SA 340 C
			Pieces					
I		Recoil starter FAIRBANKS						
1	1470 011 001	Recoil starter Fairbanks, kit, anti-clockwise rotation	1	1	1			
	1470 011 005	Recoil starter Fairbanks, kit, clockwise rotation	1	1	1			
2	1470 010 000	Recoil starter Fairbanks ass'y., anti-clockwise rotation	1	1	1			
	1470 010 005	Recoil starter Fairbanks ass'y., clockwise rotation	1	1	1			
3	1411 033 000	Starter supporting housing	1	1	1			
4	0970 150 000	Cover	1	1	1			
5	1470 011 020	Starter drum, kit, for Fairbanks starter	1	1	1			
6	1442 001 101	Nut M 14x1.5	1	1	1			
7	1445 003 000	Tab washer	1	1	1			
8	0944 150 001	Washer	1	1	1			
9	1452 007 000	Starter drum	1	1	1			
10	0986 518 101	Starter rope ass'y. with starter handle 0952 055 100	1	1	1			
11	1449 003 100	Cylindrical pin	1	1	1			
12	0232 014 000	Cylindrical roller 4x8	1	1	1			
13	1440 021 000	Fillister head screw 3/16"x15	4	4	4			
14	1411 035 000	Starter housing	1	1	1			
15	1439 004 000	Spiral spring	1	1	1			
16	1452 008 000	Rope pulley	1	1	1			
17	1452 010 000	Starter handle	1	1	1			
18	1444 017 000	Handle insert	1	1	1			
19	1443 001 000	Tubular rivet 6x10	1	1	1			
20	1452 011 000	Rope	1	1	1			
21	1452 009 000	Driver	1	1	1			
22	1444 015 000	Fibre washer	2	2	2			
23	1439 005 000	Brake spring	1	1	1			
24	1444 016 000	Washer	1	1	1			
25	1445 009 000	Snap ring	1	1	1			
II		Tools						
1	0976 127 001	Tool set	1	1	1			
2	1476 022 000	Plug wrench with tin opener and screw driver	1	1	1			
3	2876 012 000	Rotary pin	1	1	1			
4	0976 009 102	Socket wrench, 13/17 mm (0.512/0.669 in.)	1	1	1			
5	0976 005 100	Socket wrench, 10/14 mm (0.394/0.551 in.)	1	1	1			
6	0276 006 005	Double-head wrench, 10/14 mm (0.394/0.551 in.), cranked	1	1	1			
7	1476 006 000	Double-head wrench, 8/13 mm (0.315/0.512 in.)	1	1	1			
III		Tools						
1	0976 127 000	Tool set					1	1
2	0276 006 000	Double-head wrench, 10 mm and 14 mm (0.394/0.551 in.)					1	1
3	1476 006 000	Double-head wrench, 8 mm and 13 mm (0.315/0.512 in.)					1	1
4	0976 004 100	Socket wrench, 21 mm and 26 mm, (0.827/1.024 in.)					1	1
5	0676 009 100	Screw driver					1	1
6	0976 009 102	Socket wrench, 13 mm and 17 mm, (0.512/0.669 in.)					1	1
7	0976 005 100	Socket wrench, 10 mm and 14 mm, (0.394/0.551 in.)					1	1
	2876 012 000	Pin					1	1

The specified direction of rotation refers to the direction of rotation of the crankshaft power take-off side



Illustr. No.	Part Number	Description	SA 280 A	SA 280	SA 290	SA 290 C	SA 290 SS	SA 340 C
			Pieces					
Parts for version with electric starter								
1	1471 003 000	Solenoid shift starter, fitted lefthand side, for 12 V - 40 W	1	1				
	1471 003 001	Solenoid shift starter, fitted righthand side, 12 V / 40 W	1	1				
2	1471 010 000	Sliding gear starter (Bendix) for 12 V - 75 W	1	1				
3	0245 023 003	Spring washer for M 8		4	4			
4	0242 020 000	Nut M 8		4	4			
5	1451 021 000	Supporting plate	1	1				
6	0245 023 001	Spring washer for M 5	2	2				
7	0242 024 002	Nut M 5	2	2				
8	0244 124 001	Washer	2	2				
9	0940 073 001	Hexagon head screw M 8x20	2	2				
10	1471 007 000	Flywheel ass'y (12-V - 75 W) including: 1x1434 015 000 gear ring	1	1				
	1471 007 001	Flywheel ass'y (12 V - 140 W) including: 1x1434 015 000 gear ring	1	1				
11	1432 026 000	Bush for armature	2	2				
12	1465 010 000	Set of carbon brushes	1	1				
13	1439 012 000	Spring for set of brushes		4	4			
14	1465 008 000	Rectifier for 12 V - 40 W	1	1				
15	1465 014 000	Rectifier for 12 V - 75 W	1	1				
16	1465 017 000	Starter relay	1	1				
17	1465 015 000	Lighting, ignition and starter switch	1	1				
	1471 004 000	Relay, complete	1	1				
	1471 005 000	Gear, unit, complete	1	1				
	1465 009 000	Starter push-button	1	1				

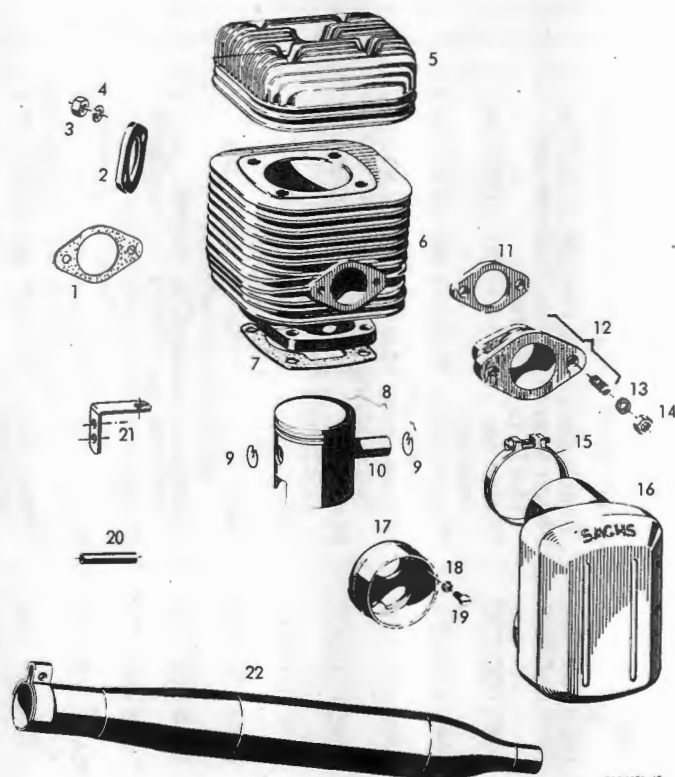
Magneto side	Power take-off	Part Number / Remarks					
			SA 280 A	SA 280	SA 290	SA 290 C	SA 290 SS
	97/3	1488 004 105 (5 parts) Magneto side cone 1:5 Power take-off side cone 1:10 Crankwebs $\varnothing$ 117x17.5	x				
	122/3	1488 004 108 (5 parts) Magneto side cone 1:5 Power take-off side cone 1:10 Crankwebs $\varnothing$ 117x17.5	x				
	296/2	1488 004 404 (3 parts) Magneto side cone 1:5 Power take-off side cone 1:10 Crankweb $\varnothing$ 118x18.7 Segments' thickness: 2 mm (0.079 in.) SA 280 from engine No. 6028 398 up SA 290 from engine No. 5969 843 up	x	x			
	297/2	1488 004 406 (3 parts) Magneto side cone 1:5 Power take-off side cone 1:10 Crankwebs $\varnothing$ 118x18.7 Segments' thickness: 2 mm (0.079 in.) SA 290 a. SA 290 C from engine No. 5667 404 up	x	x	x		
	300/2	1488 016 000 (3 parts) Magneto side cone 1:5 Power take-off side cone 1:10 Crankwebs $\varnothing$ 118x18.7 Segments' thickness: 4 mm (0.157 in.) SA 340 C up to engine No. 6169 106					x
	392	1488 016 200 (3 parts) Magneto side cone 1:5 Power take-off side cone 1:10 Crankwebs $\varnothing$ 122x20.7 Segments' thickness 2 mm (0.079 in.) SA 340 C from engine No. 6169 107 up				x	x

* with piston rings, gudgeon pins and circlips

+ from engine Nr. 5669 001

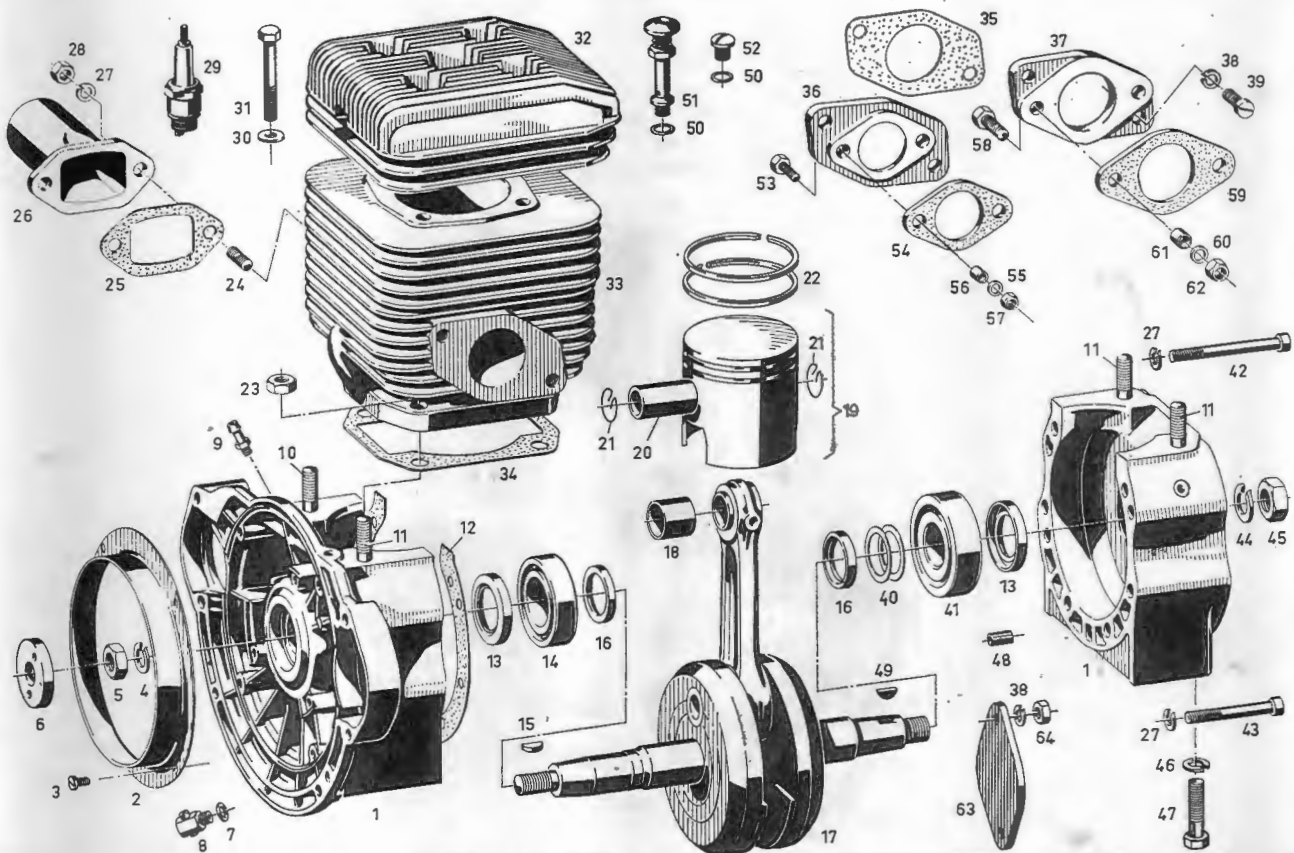
▼ up to engine Nr. 5669 000

Plate 13 Conversion kit for competition engine SA 320, designed on the basis of the SA 290



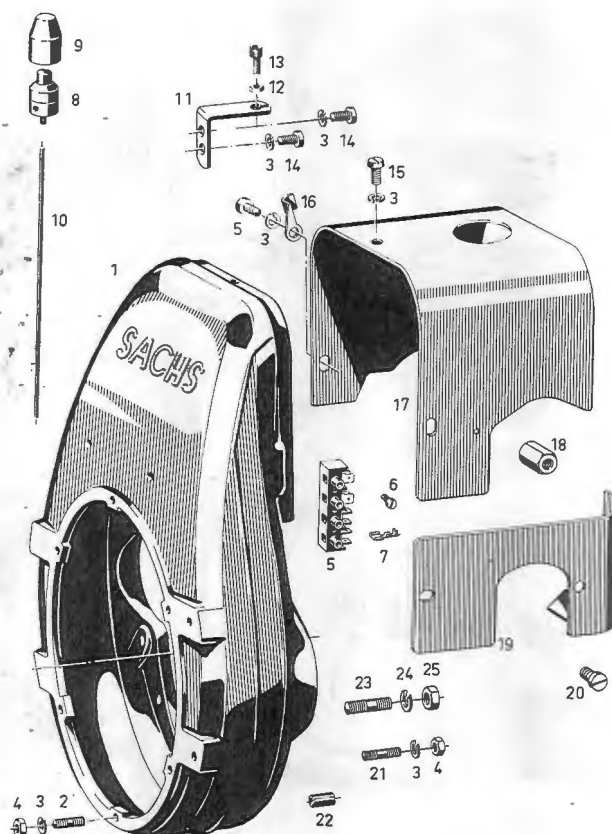
PSS 40711-47

Illustr. No.	Part Number	Description	Pieces	Dimensions of shims	
				Part Number	Dimensions
	1496 013 002	Conversion kit for competition engine SA 320, designed on the basis of SA 290		0944 058 002	30.4×40.5×0.3
1	0950 026 001	Gasket	1	0944 058 004	30.4×40.5×0.5
2	1473 004 000	Flange for exhaust pipe	1	0944 058 005	30.4×40.5×0.6
3	0242 020 000	Nut M 8	2	0944 058 006	30.4×40.5×0.2
4	0245 023 003	Spring washer for M 8	2		
5	1413 004 210	Cylinder head	1	0944 117 000	25.5×31.8×0.5
6	1487 023 000	Cylinder ass'y., including: 2×0940 017 101 stud M 8×20 2×0240 002 101 stud M 6×22	1	0944 117 001	25.5×31.8×1.0
7	1450 017 100	Gasket	1	0944 117 002	25.5×31.8×2.0
8	1486 034 000	Piston ass'y dia 76.0	1	0944 117 003	25.5×31.8×0.1
	1486 034 001	Piston ass'y dia 76.5	1	0944 117 004	25.5×31.8×0.15
9	0945 062 000	Circlip	4	0944 117 005	25.5×31.8×0.2
10	1416 001 100	Gudgeon pin	2		
11	1450 007 006	Insulating flange	1	1444 021 000	43.2×54×0.1
12	1467 015 001	Intake pipe ass'y., including 2×0940 017 101 stud M 8×20	1	1444 021 001	43.2×54×0.3
13	1450 031 000	Insulating washer	2	1444 021 002	43.2×54×0.8
14	1342 003 004	Nut M 8, self-locking	2		
15	1451 025 100	Hose clamp	1	2644 003 000	25.3×31×0.15
16	1482 012 100	Intake silencer	1	2644 003 001	25.3×31×0.3
17	1411 043 200	Adapter for intake silencer	1	2644 003 002	25.3×31×0.5
18	0644 012 000	Spring washer 6.4×11×0.5	3	2644 003 003	25.3×31×0.8
19	1440 015 001	Fillister head screw 1/4"	3		
20	0972 041 011	Fuel hose, length 100 mm	1	2844 011 000	22.2×32×0.5
21	1451 028 000	Bracket for control cable	1	2844 011 001	22.2×32×0.3
22	1473 023 002	Muffler ass'y., including: 1×0240 091 001 hexagon head screw M 6×15 1×0245 023 002 spring washer for M 6 1×0316 057 002 nut M 6	1		
	1499 140 055	Type plate	1		

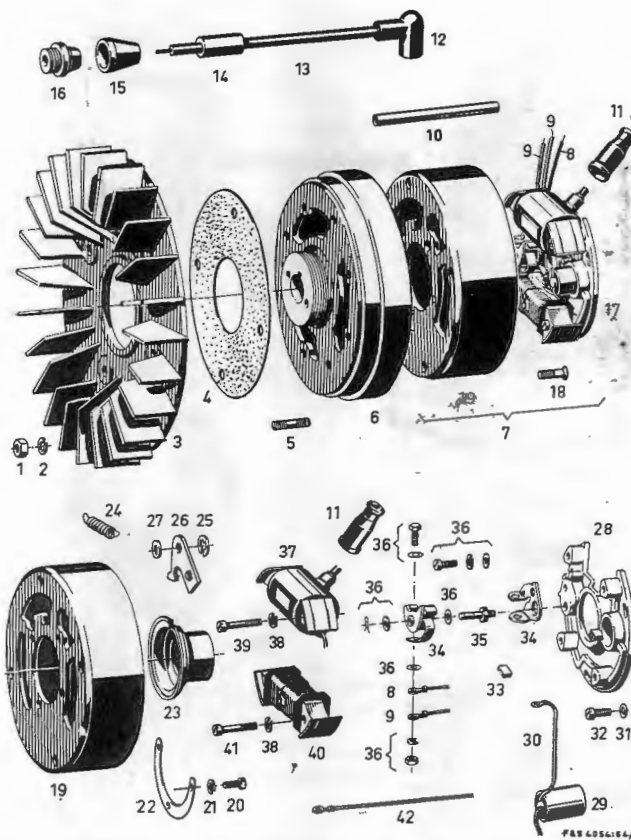


Illustr. No.	Part Number	Description	SA 340					Illustr. No.	Part Number	Description	SA 340				
			SA 340	SA 340 SS	SA 340	SA 370	SA 400				SA 340	SA 340 SS	SA 340	SA 370	SA 400
			Pieces								Pieces				
1	1487 019 110	Crankcase of the engine, ass'y., including illustr. 10...12, 43, 48, 63	1	1	1	1	1	29	1465 002 005	Spark plug M 240 T 1	1	1	1	1	1
	1487 019 111	Crankcase ass'y.	1	1	1	1	1	30	1465 002 007	Spark plug M 260 T 1	4	4	4	4	4
2	0970 148 000	Plug for crankcase, magneto side	1	1	1	1	1	31	0244 124 001	Washer 8.4×17×2	4	4	4	4	4
3	0940 047 000	Labyrinth ring	1	1	1	1	1	32	1440 038 001	Hexagon head screw M 8×60	4	4	4	4	4
4	0245 023 007	Fillister head screw M 5×7	4	4	4	4	4		See table	Cylinder head	1	1	1	1	1
5	0942 020 100	Spring washer for M 14	1	1	1	1	1	33	1450 040 000	Gasket for cylinder head 1413 012 002	1	1	1	1	1
6	1447 014 000	Nut M 14×1.5	1	1	1	1	1	34	See table	Cylinder ass'y.	1	1	1	1	1
7	0950 014 001	Spacer ring	1	1	1	1	1	35	1450 027 000	Gasket	1	1	1	1	1
8	0972 004 105	Sealing washer	1	1	1	1	1	36	1450 032 000	Gasket	1	1	1	1	1
9	1440 026 000	Oil drain cock	1	1	1	1	1	37	1411 044 000	Flange for carburettor HR-18 A	1	1	1	1	1
10	0240 131 001	Fitting	1	1	1	1	1	38	1411 045 000	Flange for carburettor HD-13 A	1	1	1	1	1
	0940 107 101	Fillister head screw M 6×8	1	1	1	1	1	39	0245 023 003	Spring washer for M 8	2	2	2	2	2
11	1940 005 101	Stud M 10×28	1	1	1	1	1	40	1940 038 000	Fillister head screw M 8×25	2	2	2	2	2
	1940 005 101	Stud M 10×32	1	1	1	1	1	41	0941 077 002	Fillister head screw M 8×30	2	2	2	2	2
12	1940 129 101	Stud M 10×50	3	3	3	3	3	42	0944 058 002	Shim 30.4×40.5; thickn.	x	x	x	x	x
13	1440 046 001	Stud M 10×55	3	3	3	3	3	43	1432 027 001	Cylindrical roller bearing NI 306 C3 NA DIN 5412	1	1	1	1	1
14	1450 026 100	Gasket	1	1	1	1	1	44	1440 039 001	Hexagon socket head screw M 8×80	4	4	4	4	4
15	1430 004 000	Lip seal 28.4×47×8	2	2	2	2	2	45	1940 107 000	Hexagon socket head screw M 8×60	2	2	2	2	2
16	1432 005 101	Deep groove ball bearing 6306 C3 DIN 625	1	1	1	1	1	46	0245 023 008	Spring washer for M 16	1	1	1	1	1
17	0246 001 001	Key 3×5	1	1	1	1	1	47	0942 028 201	Nut M 16×1.5	1	1	1	1	1
18	1447 016 000	Spacer ring	2	2	2	2	2	48	0245 023 004	Spring washer for M 10	4	4	4	4	4
19	See table	Crankshaft	1	1	1	1	1	49	0240 064 000	Nut M 10×40	4	4	4	4	4
20	1416 002 000	Bush for connecting rod small end	1	1	1	1	1	50	2647 001 000	Dowel bush	2	2	2	2	2
	1416 004 000	Gudgeon pin	1	1	1	1	1	51	0946 001 100	Key 6×7.5	1	1	1	1	1
21	1416 003 000	Gudgeon pin	1	1	1	1	1	52	0230 015 000	Sealing washer	1	1	1	1	1
22	1445 013 000	Circlip	2	2	2	2	2	53	0986 154 000	Decompressor	1	1	1	1	1
23	1942 001 000	Piston ring, rectangular section	4	4	4	4	4	54	0241 053 100	Fillister head screw M 10×10	1	1	1	1	1
	0242 009 000	Nut M 10	4	4	4	4	4	55	0240 093 001	Hexagon head screw M 6×30	2	2	2	2	2
24	0245 023 004	Spring washer for M 10	4	4	4	4	4	56	1450 007 005	Insulating flange	1	1	1	1	1
	0940 017 101	Stud M 8×20	2	2	2	2	2	57	1350 010 000	Insulating washer	2	2	2	2	2
25	1450 028 000	Gasket	1	1	1	1	1	58	1447 006 000	Insulating bush	2	2	2	2	2
26	1473 017 001	Exhaust pipe socket ass'y.	1	1	1	1	1	59	0942 117 002	Nut, self-locking	2	2	2	2	2
27	0245 023 003	Spring washer for M 8	6	6	6	6	6	60	0940 048 005	Hexagon head screw M 8×32	2	2	2	2	2
28	0942 067 100	Nut M 8	2	2	2	2	2	61	1450 029 000	Insulating flange	1	1	1	1	1
								62	1450 031 000	Insulating washer	2	2	2	2	2
								63	1447 015 000	Insulating bush	2	2	2	2	2
								64	1342 003 004	Nut, self-locking	2	2	2	2	2
									1411 039 000	Cover flange	2	2	2	2	2
									0242 020 000	Nut M 8	4	4	4	4	4

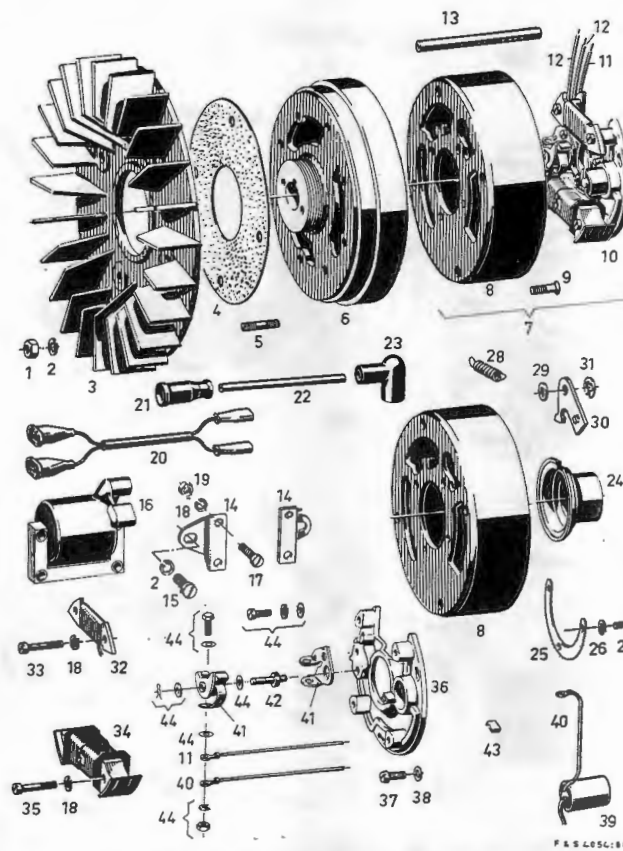
x = as required



Illustr. No.	Part Number	Description	SA 340	SA 340 SS	SA 340	SA 370	SA 400	Illustr. No.	Part Number	Description	SA 340	SA 340 SS	SA 340	SA 370	SA 400
			Pieces								Pieces				
1	1487 021 000	Fan housing ass'y., including: 6×1440 054 001 stud 2×1940 013 211 stud 4×1440 040 001 stud	1	1	1	1	1	21	1940 013 211	Stud M 6×28	2	2	2	2	2
								22	0929 009 000	Dowel sleeve 8.5×15	2	2	2	2	2
								23	1440 040 001	Stud M 8×40	4	4	4	4	4
								24	0245 023 003	Spring washer for M 8	4	4	4	4	4
2	1440 054 001	Stud M 6×15	6	6	6	6	6	25	0242 020 000	Nut M 8	4	4	4	4	4
3	0245 023 002	Spring washer for M 6	13	13	13	13	13								
4	0316 057 002	Nut M 6	13	13	13	13	13								
5	1465 004 100	Terminal block	1	1	1	1	1								
	1465 020 000	Cable plug, 3 poles, for version without electric starter	1	1	1	1	1								
	1465 020 001	Cable plug, 4 poles, for version with electric starter	1	1	1	1	1								
6	1440 030 201	Fillister head screw BM 4×12, ... self-tapping	2	2	2	2	2								
7	0265 152 000	Cable terminal	4	4	4	4	4								
	1465 016 000	Insulating sleeve	4	4	4	4	4								
8	0965 154 006	Short-circuiting button	1	1	1	1	1								
9	0960 107 000	Cap, protective	1	1	1	1	1								
10	0299 059 007	Cable, length 330 mm	1	1	1	1	1								
11	1451 024 100	Bracket for control cable	1	1	1	1	1								
12	0316 057 002	Nut M 6	1	1	1	1	1								
13	1440 037 101	Adjusting screw M 6×40	1	1	1	1	1								
		bore for cable hose 6 mm dia., hexagon head, 8 mm across flats													
	1440 031 104	Adjusting screw M 6×33	1	1	1	1	1								
		bore for cable hose 9 mm dia., hexagon head, 9 mm across flats													
14	0940 008 001	Fillister head screw M 6×15	2	2	2	2	2								
15	0941 057 000	Fillister head screw M 6×10	3	3	3	3	3								
16	0951 071 200	Clip for ignition cable	1	1	1	1	1								
17	1444 029 000	Cover	1	1	1	1	1								
	1444 029 001	Cover	1	1	1	1	1								
18	1442 009 001	Nut M 8×22.5	1	1	1	1	1								
19	1444 041 001	Deflector	1	1	1	1	1								
20	0941 065 001	Fillister head screw M 8×12.5	1	1	1	1	1								



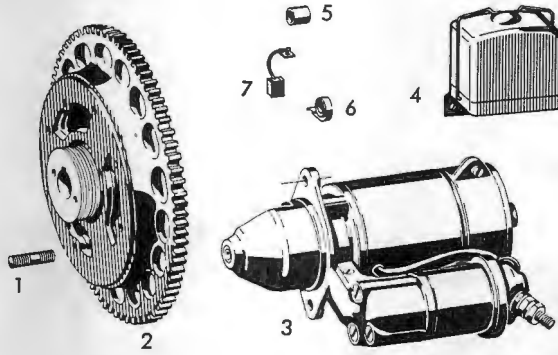
Illustr. No.	Part Number	Description	SA 340					Illustr. No.	Part Number	Description	SA 340				
			SA 340	SA 340 SS	SA 340	SA 370	SA 400				SA 340	SA 340 SS	SA 340	SA 370	SA 400
			Pieces								Pieces				
1	0316 057 002	Nut M 6	4	4	4	4	4	27	1444 019 000	Washer for flyweight	2	2	2	2	2
2	0245 023 002	Spring washer for M 6	4	4	4	4	4	28	1465 003 000	Armature plate, only	1	1	1	1	1
3	1466 003 100	Fan	1	1	1	1	1	29	0965 091 000	Condenser	1	1	1	1	1
4	1450 039 000	Gasket	1	1	1	1	1	30	0965 120 000	Connecting cable to condenser	1	1	1	1	1
5	0940 101 202	Stud M 6×14	4	4	4	4	4	31	0244 054 002	Washer	3	3	3	3	3
6	1418 011 000	Flywheel	1	1	1	1	1	32	0240 056 001	Fillister head screw M 5×12	3	3	3	3	3
7	1483 008 000	Magneto-generator 12 V-40 W Bosch No. 0212 417 002	1	1	1	1	1	33	2865 008 000	Lubricating pad	1	1	1	1	1
8	0299 059 007	Short-circuiting cable (black)	1	1	1	1	1	34	0283 101 100	Set of contact breaker points	1	1	1	1	1
9	0299 059 009	Lighting cable (yellow)	2	2	2	2	2	35	0240 066 009	Pivot pin	1	1	1	1	1
10	0260 121 001	Insulating hose	1	1	1	1	1	36	0283 107 000	Set of spares for breaker points	1	1	1	1	1
11	0265 150 000	Cap, protective, for ignition armat.	1	1	1	1	1	37	0965 116 000	Ignition armature	1	1	1	1	1
12	1465 011 001	Spark plug connector ass'y., consisting of: 1×1439 014 000 spring 1×1442 006 000 union nut 1×1465 011 000 spark plug connector	1	1	1	1	1	38	0245 023 001	Spring washer for M 5	4	4	4	4	4
13	0665 016 101	Ignition cable, quote required length	1	1	1	1	1	39	0640 009 000	Fillister head screw for ignition arm.	2	2	2	2	2
14	0960 022 000	Rubber sleeve	1	1	1	1	1	40	0965 115 000	Generating armature	1	1	1	1	1
15	0265 036 000	Rubber cap	1	1	1	1	1	41	0940 123 000	Fillister head screw for generating armature	2	2	2	2	2
16	0965 110 000	Cable plug	1	1	1	1	1	42	1483 012 100	Earth cable ass'y.	1	1	1	1	1
17	1483 010 000	Armature plate ass'y.	1	1	1	1	1								
18	0940 120 200	Screw M 6×22, Philips type	4	4	4	4	4								
19	1483 011 000	Flywheel ass'y. with illustr. 20...27	1	1	1	1	1								
20	2015 142 000	Fillister head screw M 5	3	3	3	3	3								
21	0245 023 000	Spring washer for M 5	3	3	3	3	3								
22	1447 018 000	Supporting ring for fixing the cam	1	1	1	1	1								
23	1423 001 000	Cam for flywheel	1	1	1	1	1								
24	1439 008 000	Spring for flyweight	1	1	1	1	1								
25	0945 111 000	Circlip	1	1	1	1	1								
26	1465 018 000	Flyweight, 2nd version	1	1	1	1	1								
	1465 007 000	Flyweight, 1st version	1	1	1	1	1								



Illustr. No.	Part Number	Description	SA 340	SA 340 SS	SA 340	SA 370	SA 400	Illustr. No.	Part Number	Description	SA 340	SA 340 SS	SA 340	SA 370	SA 400
			Pieces								Pieces				
1	0316 057 100	Nut M 6	4	4	4	4	4	23	1465 011 001	Spark plug connector ass'y.,.....	1	1	1	1	1
2	0245 023 002	Spring washer for M 6	4	4	4	4	4			consisting of:					
3	1466 003 100	Fan	1	1	1	1	1			1×1439 014 000 spring					
4	1450 039 000	Gasket	1	1	1	1	1			1×1442 006 000 union nut					
5	0940 101 202	Stud M 6×14	4	4	4	4	4			1×1465 011 000 spark plug					
6	1418 011 002	Flywheel	1	1	1	1	1			connector					
7	1483 015 000	Magneto-generator 12 V-75 W	1	1	1	1	1	24	1423 002 000	Cam for flywheel	1	1	1	1	1
		Bosch No. 0212 422 003						25	1447 018 000	Supporting ring for fixing the cam	1	1	1	1	1
8	1483 019 000	Flywheel ass'y. with cam and	1	1	1	1	1	26	0245 023 000	Spring washer for M 4	3	3	3	3	3
		flyweight illustr. 24...31						27	2015 142 000	Fillister head screw AM 4×5	3	3	3	3	3
9	0940 120 200	Screw, Philips type	4	4	4	4	4	28	1439 008 000	Spring for flyweight	1	1	1	1	1
10	1483 020 000	Armature plate ass'y	1	1	1	1	1	29	0244 100 000	Washer for flyweight	1	1	1	1	1
11	0265 137 002	Generating cable	1	1	1	1	1	30	1465 018 000	Flyweight	1	1	1	1	1
		(blue)						31	1445 016 000	Circlip for flyweight	1	1	1	1	1
12	0299 059 009	Lighting cable } quote (yellow) } required } length	2	2	2	2	2	32	1465 019 000	Ignition armature (primary)	1	1	1	1	1
13	0260 121 001	Insulating hose	1	1	1	1	1	33	0640 034 002	Fillister head screw M 5×18	2	2	2	2	2
14	1451 027 000	Bracket for ignition coil	2	2	2	2	2	34	0965 115 000	Generating armature	1	1	1	1	1
15	0940 008 001	Fillister head screw M 6×15	2	2	2	2	2	35	0940 123 000	Fillister head screw	2	2	2	2	2
16	0283 109 000	Ignition coil	1	1	1	1	1	36	1465 003 000	Armature plate, only	1	1	1	1	1
17	0940 112 002	Fillister head screw M 5×22	4	4	4	4	4	37	0240 056 001	Fillister head screw M 5×12	3	3	3	3	3
18	0245 023 001	Spring washer for M 5	4	4	4	4	4	38	0244 054 002	Washer	3	3	3	3	3
19	0242 024 002	Nut	4	4	4	4	4	39	0965 091 000	Condenser	1	1	1	1	1
20	1483 017 000	Primary ground cable ass'y. (from terminal to ignition coil) consisting of: 1×0965 108 001 cable, blue, length 140 mm 1×1465 005 001 cable, brown, length 140 mm 1×0960 148 001 insulating hose 2×0265 151 000 cap, protective, against rain 2×1465 016 000 insulating sleeve 4×0265 152 000 cable plug	1	1	1	1	1	40	0965 120 000	Connecting cable to condenser	1	1	1	1	1
		Cap, protective	1	1	1	1	1	41	0283 101 100	Set of contact breaker points	1	1	1	1	1
21	0265 150 000	Ignition cable, please quote						42	0240 066 009	Pivot pin	1	1	1	1	1
22	0665 016 101	required length	1	1	1	1	1	43	2865 008 000	Lubricating pad	1	1	1	1	1
								44	0283 107 000	Set of spares for breaker points	1	1	1	1	1

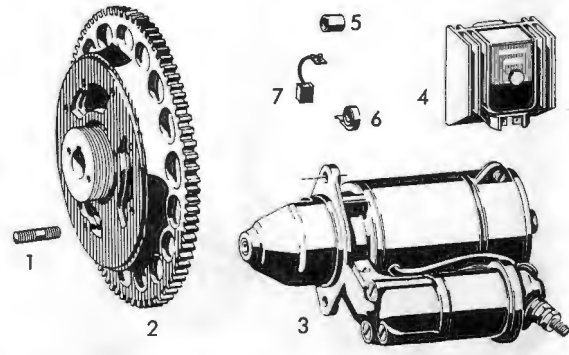
Plate 5

Solenoid shift starter
12 V - 40 W



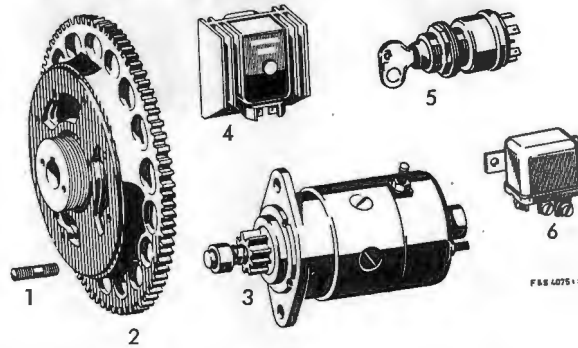
F&S 4075:6

Solenoid shift starter
12 V - 75 W



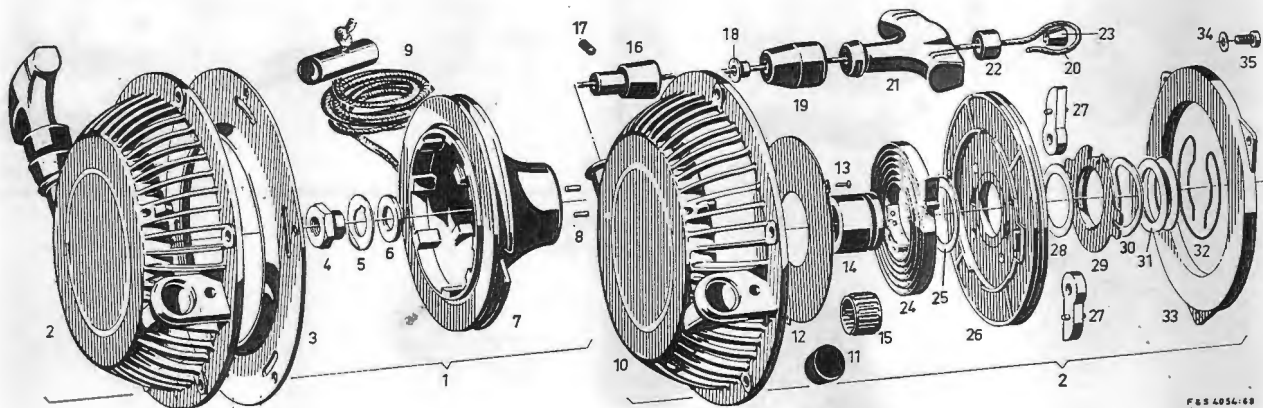
F&S 4075:7

Sliding gear starter (Bendix)
12 V - 75 W



F&S 4075:8

Illustr. No.	Part Number	Description	SA 340	SA 340 SS	SA 340	SA 370	SA 400
			Pieces				
I		Solenoid shift starter 12 V - 40 W					
1	0940 101 202	Stud M 6×14	4	4	4	4	4
2	1471 007 000	Flywheel with gear ring	1	1	1	1	1
3	1471 003 000	Solenoid shift starter, fitted left-hand side	1	1	1	1	1
	1471 003 001	Solenoid shift starter, fitted right-hand side	1	1	1	1	1
4	1465 008 000	Rectifier	1	1	1	1	1
5	1432 026 000	Bush for armature	2	2	2	2	2
6	1439 012 000	Pressure spring for set of carbon brushes	4	4	4	4	4
7	1465 010 000	Set of carbon brushes	1	1	1	1	1
	1471 004 000	Relay, complete } without	1	1	1	1	1
	1471 005 000	Gear unit, complete } illustra-	1	1	1	1	1
	1465 009 000	Starter push-button } tion	1	1	1	1	1
II		Solenoid shift starter 12 V - 75 W					
1	0940 101 202	Stud M 6×14	4	4	4	4	4
2	1471 007 000	Flywheel with gear ring	1	1	1	1	1
3	1471 003 000	Solenoid shift starter, fitted left-hand side	1	1	1	1	1
	1471 003 001	Solenoid shift starter, fitted right-hand side	1	1	1	1	1
4	1465 014 000	Rectifier	1	1	1	1	1
5	1432 026 000	Bush for armature	2	2	2	2	2
6	1439 012 000	Pressure spring for set of carbon brushes	4	4	4	4	4
7	1465 010 000	Set of carbon brushes	1	1	1	1	1
	1471 004 000	Relay, complete } without	1	1	1	1	1
	1471 005 000	Gear unit, complete } illustra-	1	1	1	1	1
	1465 015 000	Lighting, ignition and starter switch } tion	1	1	1	1	1
III		Sliding gear starter (Bendix) 12 V - 75 W					
1	0940 101 202	Stud M 6×14	4	4	4	4	4
2	1471 007 000	Flywheel with gear ring	1	1	1	1	1
3	1471 010 000	Sliding gear starter (Bendix)	1	1	1	1	1
4	1465 014 000	Rectifier	1	1	1	1	1
5	1465 015 000	Lighting, ignition and starter switch } without	1	1	1	1	1
6	1465 017 000	Starting relay } illustra- tion	1	1	1	1	1



Illustr. No.	Part Number	Description	SA 340					Illustr. No.	Part Number	Description	SA 340				
			SA 340	SA 340 SS	SA 340	SA 370	SA 400				SA 340	SA 340 SS	SA 340	SA 370	SA 400
			Pieces								Pieces				
1	1470 018 002	Recoil starter, kit, anti-clockwise rotation	1	1	1	1	1	30	1445 011 000	Spring washer	1	1	1	1	1
	1470 018 004	Recoil starter, kit, anti-clockwise rotation, with 18" longer rope and loose rope guide	1	1	1	1	1	31	1444 021 000	Shim 43.2×54×0.1	x	x	x	x	x
2	1470 017 000	Recoil starter ass'y., anti-clockwise rotation	1	1	1	1	1	32	1444 021 001	Shim 43.2×54×0.3					
	1470 017 001	Recoil starter ass'y., anti-clockwise rotation, with longer rope and loose rope guide	1	1	1	1	1	33	1444 021 002	Shim 43.2×54×0.8					
3		Cancelled	1	1	1	1	1	34	1439 011 000	Braking spring	1	1	1	1	1
4	1442 005 001	Nut with collar	1	1	1	1	1	35	1444 023 000	Labyrinth ring	1	1	1	1	1
5	1445 010 000	Tab washer	1	1	1	1	1		0644 015 001	Washer 4.2×10×2.0	3	3	3	3	3
6	1444 022 000	Washer	1	1	1	1	1		0241 021 006	Fillister head screw M 4×10	3	3	3	3	3
7	1452 013 000	Starter drum	1	1	1	1	1								
8	1449 008 000	Cylindrical pin	2	2	2	2	2								
9	0986 518 101	Starter rope ass'y. with handle	1	1	1	1	1								
10	1470 016 000	Starter housing ass'y.	1	1	1	1	1								
11	0960 000 100	Plug	1	1	1	1	1								
12	1444 024 000	Check plate	1	1	1	1	1								
13	1443 003 004	Rivet	3	3	3	3	3								
14	1432 025 000	Bush	1	1	1	1	1								
15	1447 013 000	Tolerance ring	1	1	1	1	1								
16	1452 015 000	Rope guide	1	1	1	1	1								
17	0241 021.006	Fillister head screw M 4×10	1	1	1	1	1								
18	1447 011 000	Bush with collar	2	2	2	2	2								
19	1452 016 000	Buffer	1	1	1	1	1								
20	1470 005 001	Starter cable ass'y. with solder nipple 0999 126 000	1	1	1	1	1								
		please quote required length													
21	1452 017 000	Starter handle	1	1	1	1	1								
22	1452 019 000	Clamping ring	1	1	1	1	1								
23	1452 020 000	Clamping cone	1	1	1	1	1								
24	1439 010 001	Spiral spring	1	1	1	1	1								
25	1444 021 002	Washer 43.2×54×0.8	2	2	2	2	2								
26	1452 014 000	Cable pulley	1	1	1	1	1								
27	1452 018 000	Starter pawl	2	2	2	2	2								
28	1444 021 000	Washer 43.2×54×0.1	1	1	1	1	1								
29	1452 021 000	Braking plate	1	1	1	1	1								

x = as required

Table for crankshafts

Dimensions of shims

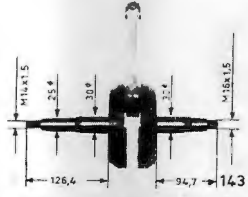
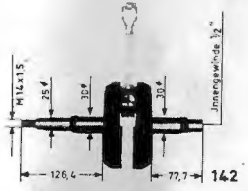
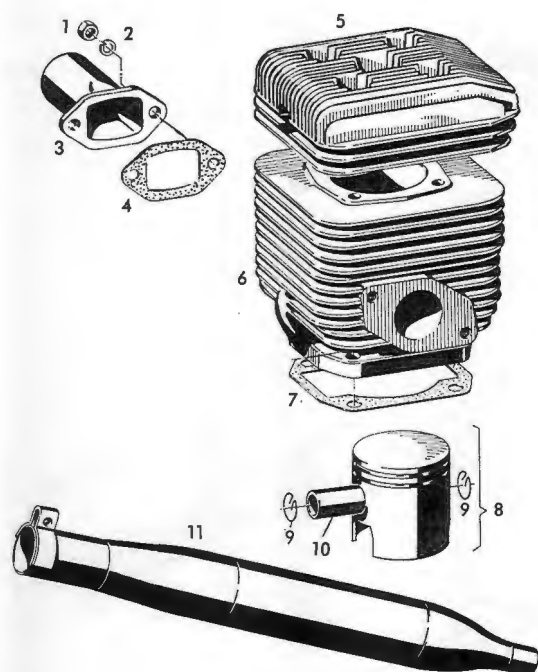
Table 101 Crankshafts										Dimensions of shaft	
Magneto side	Power take-off	Part Number / Remarks	SA 340	SA 340 SS	SA 340	SA 370	SA 400	Part Number	Dimensions		
			Pieces								
		1488 011 000 Magneto side cone 1:5 Power take-off side cone 1:10 Crankshaft webs 131.5 mm dia. without caps	x	x	x	x	x	0944 058 002 0944 058 004 0944 058 005 0944 058 006 1444 021 000 1444 021 001 1444 021 002	30,4×40,5×0,3 30,4×40,5×0,5 30,4×40,5×0,6 30,4×40,5×0,2 43,2×54×0,1 43,2×54×0,3 43,2×54×0,8		
		1488 011 001 Magneto side cone 1:5 Power take-off side cone 1:10 Crankshaft webs 131.5 mm dia. without caps	x	x	x	x	x				

Table for cylinders and cylinder heads

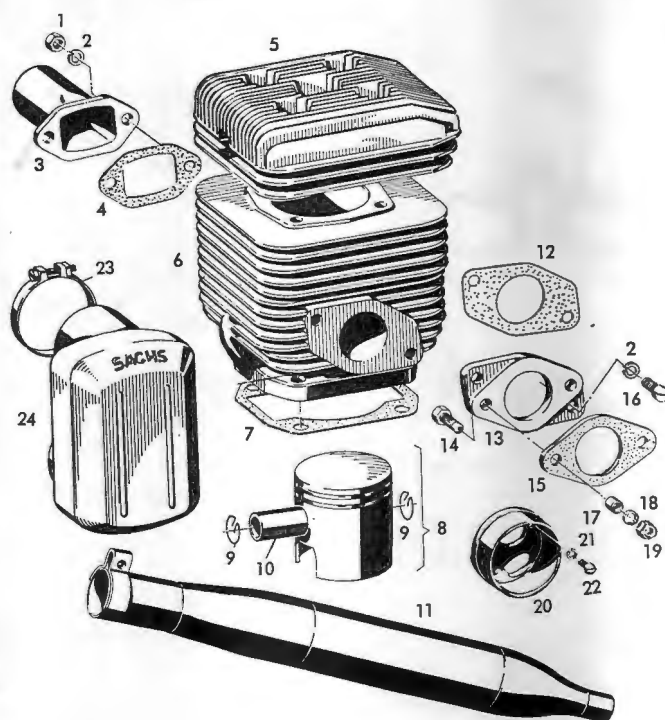
Illustr. No.	Part Number	Description	SA 340	SA 340 SS	SA 340	SA 370	SA 400	Illustr. No.	Part Number	Description	SA 340	SA 340 SS	SA 340	SA 370	SA 400
Pieces								Pieces							
	1487 025 000	Cylinder ass'y., including:	1						1415 007 000	Piston ring 75.5 mm dia. }					
	1413 012 000	2×0940 017 101 stud M 8×20							1415 007 006	Piston ring 76.0 mm dia. }	1				
	1413 012 001	Cylinder head, version without decompressor	1						1415 007 007	Piston ring 76.5 mm dia. }	1				
	1486 036 005	Cylinder head, version with decompressor	1						1487 025 010	Cylinder ass'y. (Alu), including: . . .			1		
	1486 036 006	Piston ass'y. with piston rings 75.5 mm dia. } of rectangular section, gudgeon pin and circlips	1						1413 012 000	2×0940 017 101 stud M 8×20					
	1486 036 007	Piston ass'y. 76.0 mm dia. } of rectangular section, gudgeon pin and circlips	1						1486 036 101	Cylinder head, version without decompressor			1		
	1415 006 000	Piston ring 75.5 mm dia. } rectan- gular	2						1415 006 010	Piston ring 75.5 mm dia., rectang.			2		
	1415 006 001	Piston ring 76.0 mm dia. } gular	2						1487 020 000	Cylinder ass'y., including:				1	
	1415 006 002	Piston ring 76.5 mm dia. } section	2						1413 008 100	2×1940 003 101 stud M 8×18					
	1487 025 011	Cylinder ass'y. (Alu - chromium plated sliding surface) including: 2×0940 017 101 stud M 8×20 1× piston 1×1415 007 000 piston ring, L-profile 1×1415 006 015 piston ring, rectang. section	1						1413 008 101	Cylinder head, version without decompressor				1	
	1413 012 002	Cylinder head, version without decompressor	1						1486 032 005	Cylinder head, version with decompressor				1	
	1450 040 000	Gasket for cylinder head 1413 012 002	1						1486 032 006	Piston ass'y. 79.0 mm dia. } with rectangular piston rings, gudgeon pin and circlips				1	
	1487 025 015	Cylinder ass'y. (Alu - Ni-Resist cylinder liner), including: 2×0940 017 101 stud M 8×20	1						1486 032 007	Piston ass'y. 79.5 mm dia. } rectan- gular				1	
	1486 036 025	Piston ass'y. 75.5 mm dia. } with rectangular piston rings, gudgeon pin and circlips	1						1415 003 100	Piston ring 79.0 mm dia. }				2	
	1486 036 026	Piston ass'y. 76.0 mm dia. } with rectangular piston rings, gudgeon pin and circlips	1						1415 003 001	Piston ring 79.5 mm dia. }				2	
	1486 036 027	Piston ass'y. 76.5 mm dia. } rectan- gular	1						1415 003 002	Piston ring 80.0 mm dia. }				2	
	1415 006 020	Piston ring 75.5 mm dia. }	1						1487 024 010	Cylinder ass'y., including:					1
	1415 006 021	Piston ring 76.0 mm dia. }	1						1413 008 105	2×0940 017 101 stud M 8×20					
	1415 006 022	Piston ring 76.5 mm dia. }	1						1486 035 005	Cylinder head, version without decompressor				1	
									1486 035 006	Piston ass'y. 82.0 mm dia. } with rectangular piston rings				1	
									1415 005 005	Piston ring 82.0 mm dia. }				1	
									1415 005 006	Piston ring 82.5 mm dia. } gular				1	

Conversion kit for competition engine SA 400 (for engines with carburettor HD-13 A)



F&S 4075:11

Conversion kit for competition engine SA 400 (for engines with carburettor HR-18 A)



F&S 4075:12

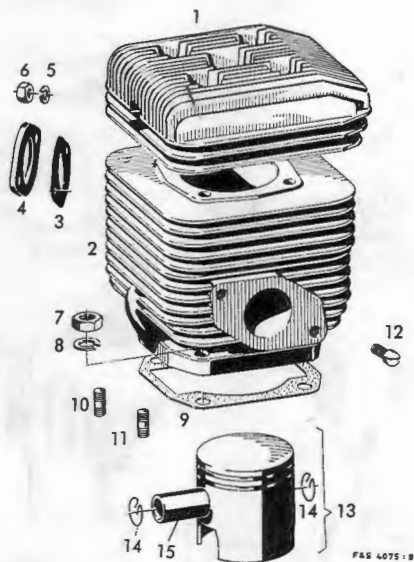
I

Illustr. No.	Part Number	Description	Pieces					
			SA 340	SA 340 SS	SA 340	SA 370	SA 400	
I	1496 014 002	Conversion kit for competition engine SA 400 (for engines with carburettor HD-13 A)						1
1	0942 067 100	Nut M 8						2
2	0245 023 003	Spring washer for M 8						2
3	1473 017 001	Exhaust pipe socket						1
4	1450 028 000	Gasket for exhaust						1
5	1413 008 105	Cylinder head						1
6	1487 024 010	Cylinder ass'y., including: 2×0940 017 101 stud M 8×20						1
7	1450 027 000	Gasket for cylinder						1
8	1486 035 005	Piston ass'y. 82.0 mm dia., including: 2×1415 005 005 piston ring, rectangular						1
	1486 035 006	Piston ass'y. 82.5 mm dia., including: 2×1415 005 006 piston ring, rectangular						1
9	1445 013 000	Circlip, wire						4
10	1416 003 000	Gudgeon pin						2
11	1473 023 002	Muffler ass'y., including: 1×0240 091 001 hexagon head screw M 6×15 1×0245 023 002 spring washer for M 6 1×0316 057 002 nut M 6						1

II

Illustr. No.	Part Number	Description	Pieces				
			SA 340	SA 340 SS	SA 340	SA 370	SA 400
II							
	1496 014 003	Conversion kit for competition engine SA 400 (for engines with carburettor HR-18 A)					1
1	0942 067 100	Nut M 8					2
2	0245 023 003	Spring washer for M 8					4
3	1473 017 001	Exhaust pipe socket					1
4	1450 028 000	Gasket for exhaust					1
5	1413 008 105	Cylinder head					1
6	1487 024 010	Cylinder ass'y., including: 2×0940 017 101 stud M 8×20					1
7	1450 027 000	Gasket for cylinder					1
8	1486 035 005	Piston ass'y. 82.0 mm dia., including: 2×1415 005 005 piston ring, rectangular					1
	1486 035 006	Piston ass'y. 82.5 mm dia., including: 2×1415 005 006 piston ring, rectangular					1
9	1445 013 000	Circlip, wire					4
10	1416 003 000	Gudgeon pin					2
11	1473 023 002	Muffler ass'y., including: 1×0240 091 001 hexagon head screw M 6×15 1×0245 023 002 spring washer for M 6 1×0316 057 002 nut M 6					1
12	1450 032 000	Gasket for carburettor flange					1
13	1411 045 000	Flange					1
14	0940 048 005	Hexagon head screw M 8×32					2
15	1450 029 000	Insulating flange					1
16	1940 038 000	Fillister head screw M 8×25					2
17	1447 015 000	Insulating bush					2
18	1450 031 000	Insulating washer					2
19	1342 003 004	Nut M 8, self locking					2
20	1411 043 200	Adaptor for intake silencer					1
21	0644 012 000	Spring washer 6.4×11×0.5					3
22	1440 015 001	Fillister head screw 1/4"					3
23	1451 025 100	Hose clamp					1
24	1482 012 100	Intake silencer					1

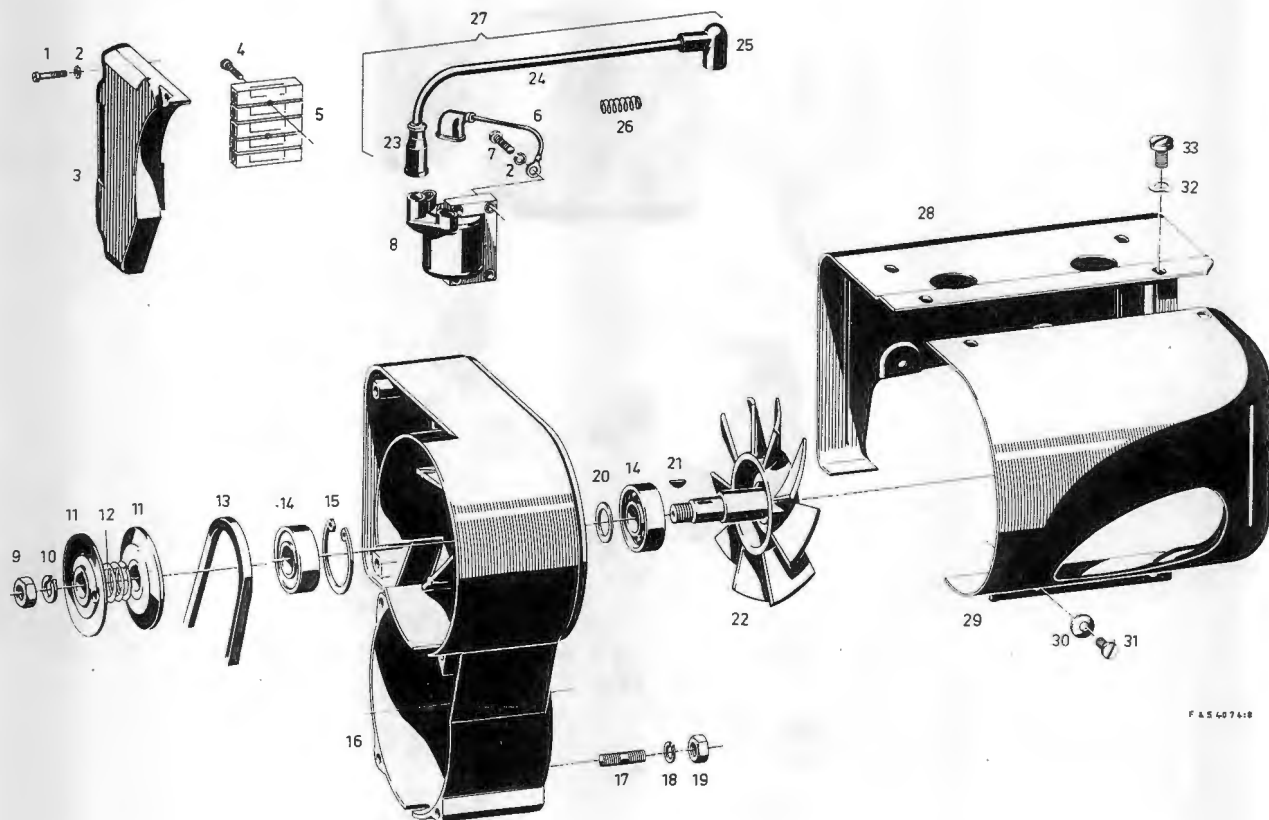
Conversion kit SA 340 (Alu cylinder) for competition engine



Illustr. No.	Part Number	Description	SA 340	SA 340 SS	SA 340	SA 370	SA 400
			Pieces				
	1496 015 003	Conversion kit SA 340 (Alu-cylinder) for competition engine			1		
1	1413 012 000	Cylinder head			1		
2	1487 025 010	Cylinder ass'y., including: 2×0940 017 101 stud M 8×20			1		
3	1450 033 000	Gasket for exhaust			2		
4	1473 022 000	Flange for exhaust			2		
5	0245 023 003	Spring washer for M 8			2		
6	0242 020 000	Nut M 8			2		
7	0242 009 000	Nut M 10			4		
8	0245 023 004	Spring washer for M 10 } for fixing			4		
9	1450 027 000	Gasket for cylinder			1		
10	1940 005 101	Stud M 10×32 } for crankcase			1		
11	1440 046 001	Stud M 10×55 }			3		
12	0941 077 002	Fillister head screw M 8×30 fitting the flange for carburettor			2		
13	1486 036 010	Piston ass'y. 75.5 mm dia., including: 2×1415 006 010 piston ring			1		
14	1445 013 000	Circlip, wire			2		
15	1416 004 000	Gudgeon pin			1		

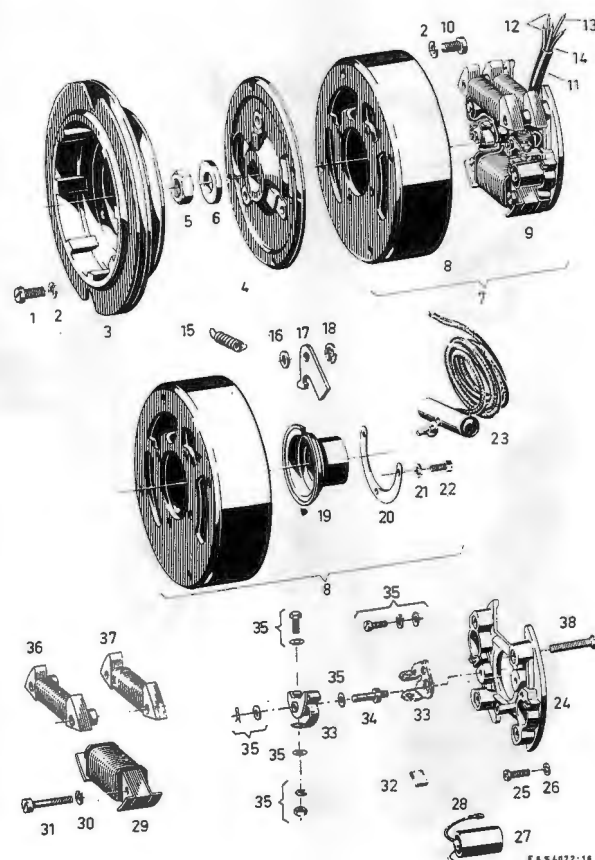


x *selon* suivant besoin



F A S 4074:8

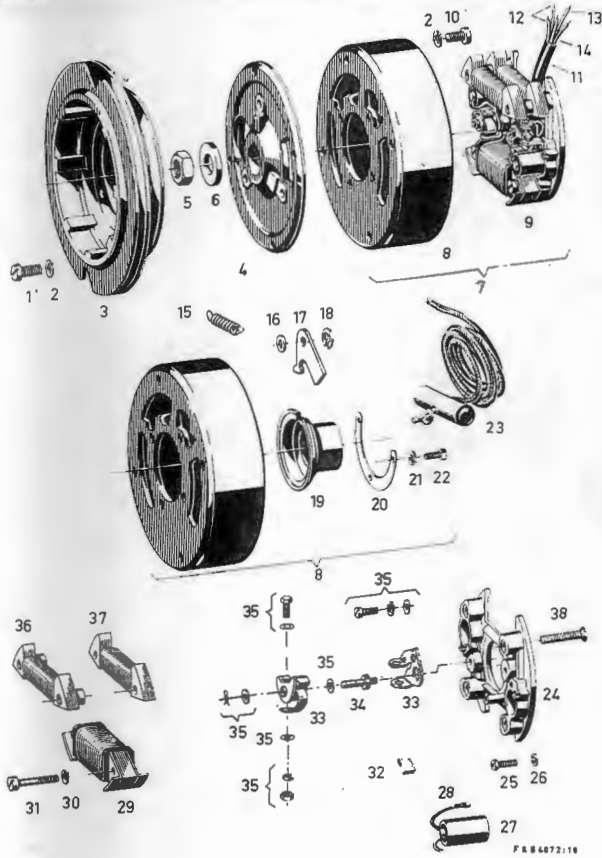
No. de l'ill	A commander sous No.	Désignation	SA 2-290 SA 2-340		No. de l'ill.	A commander sous No.	Désignation	SA 2-290 SA 2-340	
			Pièces					Pièces	
1	0640 034 002	screw m5x18	3	3					
2	0245 023 001	spring washer m5	9	9					
3	3611 024 000	cover	1	1					
4	3640 007 001	screw	2	2					
5	3665 011 000	terminal	1	1					
6	3683 002 001	earth cable ass'y	2	2					
7	0640 009 000	screw m5x25	6	6					
8	0283 109 000	ignition coil	2	2					
9	0942 020 101	nut m14x1.5	1	1					
10	0245 023 007	spring washer m14	1	1					
11	3656 004 000	v-belt pulley half	2	2					
12	3644 009 000	disc	1	1					
13	3656 006 000	v-belt	1	1					
14	3632 012 001	bearing 6204 rs	2	2					
15	0945 000 000	circlip	1	1					
16	3611 023 000	fan housing	1	1					
17	0940 017 101	stud m8x20	4	4					
18	0245 023 003	spring washer m8	4	4					
19	0242 020 000	nut m 8	4	4					
20	0944 046 007	washer	1	1					
21	0246 001 001	woodruff key 3x5	1	1					
22	3666 002 001	fan with fan shaft	1	1					
23	0265 150 000	cap	2	2					
24	0665 016 101	ignition cable	2	2					
25	1465 011 001	spark plug cap	2	2					
26	0239 117 000	spring	1	1					
27	1483 016 000	cable ass'y	1	1					
	1483 016 002	"	1	1					
28	3611 025 000	cylinder cowl half	1	1					
29	3611 026 000	"	1	1					
30	0644 012 000	spring washer m6	4	4					
31	0940 028 000	screw m6x1.2	4	4					
32	0644 011 000	spring washer m8	4	4					
33	3640 012 002	screw m8x10	4	4					
		intake							
		exhaust							



No. de l'ill.	A commander sous No.	Désignation	SA 2-290 SA 2-340		No. de l'ill.	A commander sous No.	Désignation	SA 2-290 SA 2-340	
			Pièces					Pièces	
1	0940 008 003	screw m6x15	3	3	29	3665 005 001	generating coil	1	1
2	0245 023 002	spring washer m6	7	7	30	0245 023 001	spring washer m5	2	2
3	3656 005 100	v-belt pulley	1	1	31	0940 123 000	screw	2	2
4	3611 003 101	flange hub	1	1	32	3665 007 000	lubricating pad	1	1
5	0942 020 100	nut m4x1.5	1	1	33	0983 106 000	contact ass'y	2	2
6	3644 002 100	washer	1	1	34	0240 066 009	pivot pin	2	2
7	3683 004 007	magneto complete	1	1	35	0283 107 000	spare parts for contacts	2	2
8	3665 003 002	mag ring	1	1	36	3665 004 002	ignition armature front	1	1
9	3683 006 001	armature plate	1	1	37	3665 004 003	ignition armature rear	1	1
10	0940 120 200	screw m6x10	4	4	38	2840 028 002	screw	2	2
11	3665 001 001	insulating hose	1	1		3683 005 001	cable	2	2
12	0299 059 009	lighting cable yellow	2	2		3665 012 000	cap protector	2	2
13	2783 020 000	ground cable brown	1	1		3665 010 100	elbo sleeve	2	2
14	0965 108 001	generator cable blue	1	1					
	0299 059 011	" blue-yellow	1	1					
	0265 152 000	terminal	3	3					
15	1439 008 000	spring	1	1					
16	3644 005 001	washer	1	1					
17	1465 018 000	flywheight	1	1					
18	1445 016 000	circlip	1	1					
19	3623 002 000	cam	1	1					
20	1447 018 000	supporting ring	1	1					
21	0245 023 000	spring washer m4	3	3					
22	2015 142 000	screw m4x5	3	3					
23	0986 518 101	starter rope	1	1					
24	3665 006 000	base plate	1	1					
25	0240 076 000	screw m5x15	2	2					
26	0244 054 002	washer	2	2					
27	0965 091 000	condenser	2	2					
28	0299 059 007	connecting cable black	1	1					

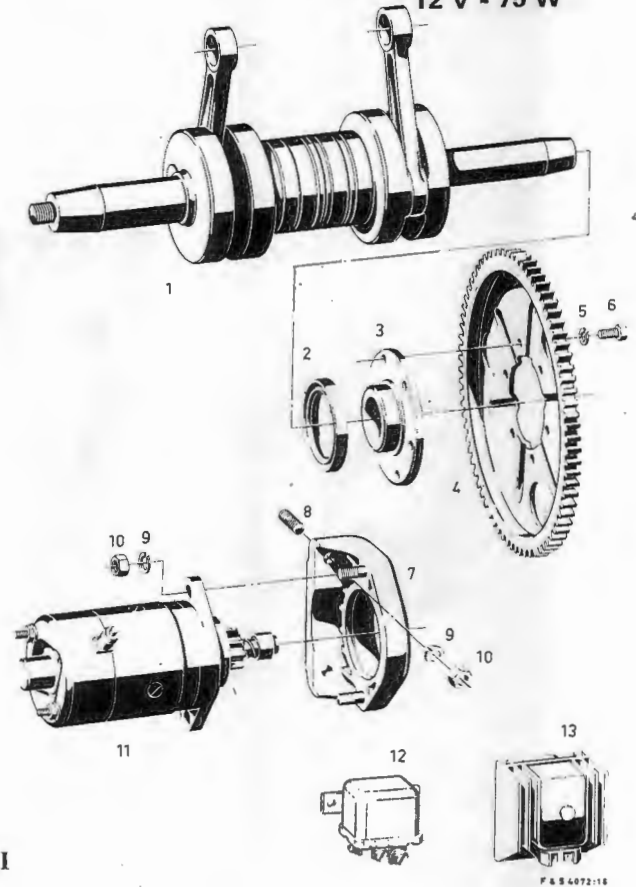
Plate 4

Magnéto-génératrice 12 V - 75 W



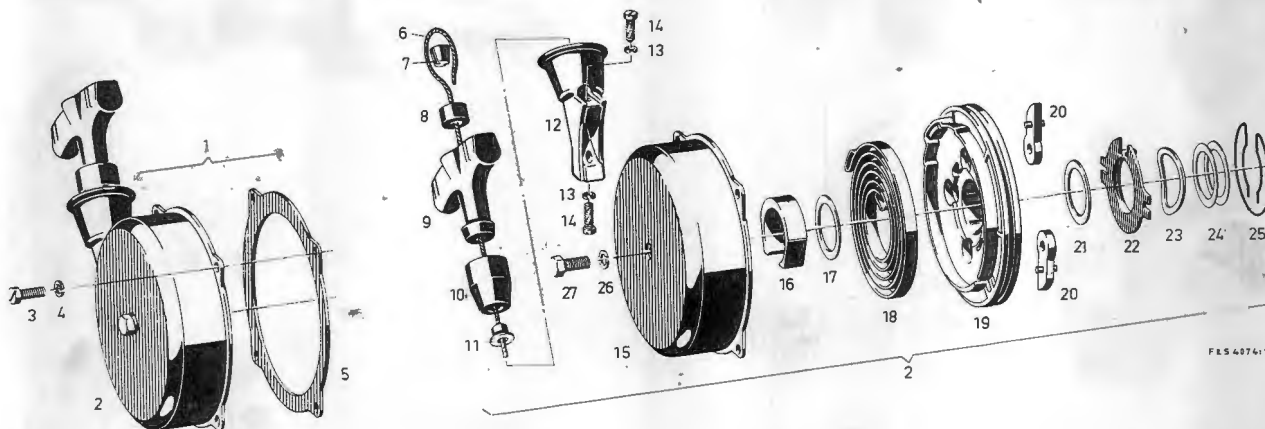
I

Sliding gear starter (Bendix) 12 V - 75 W

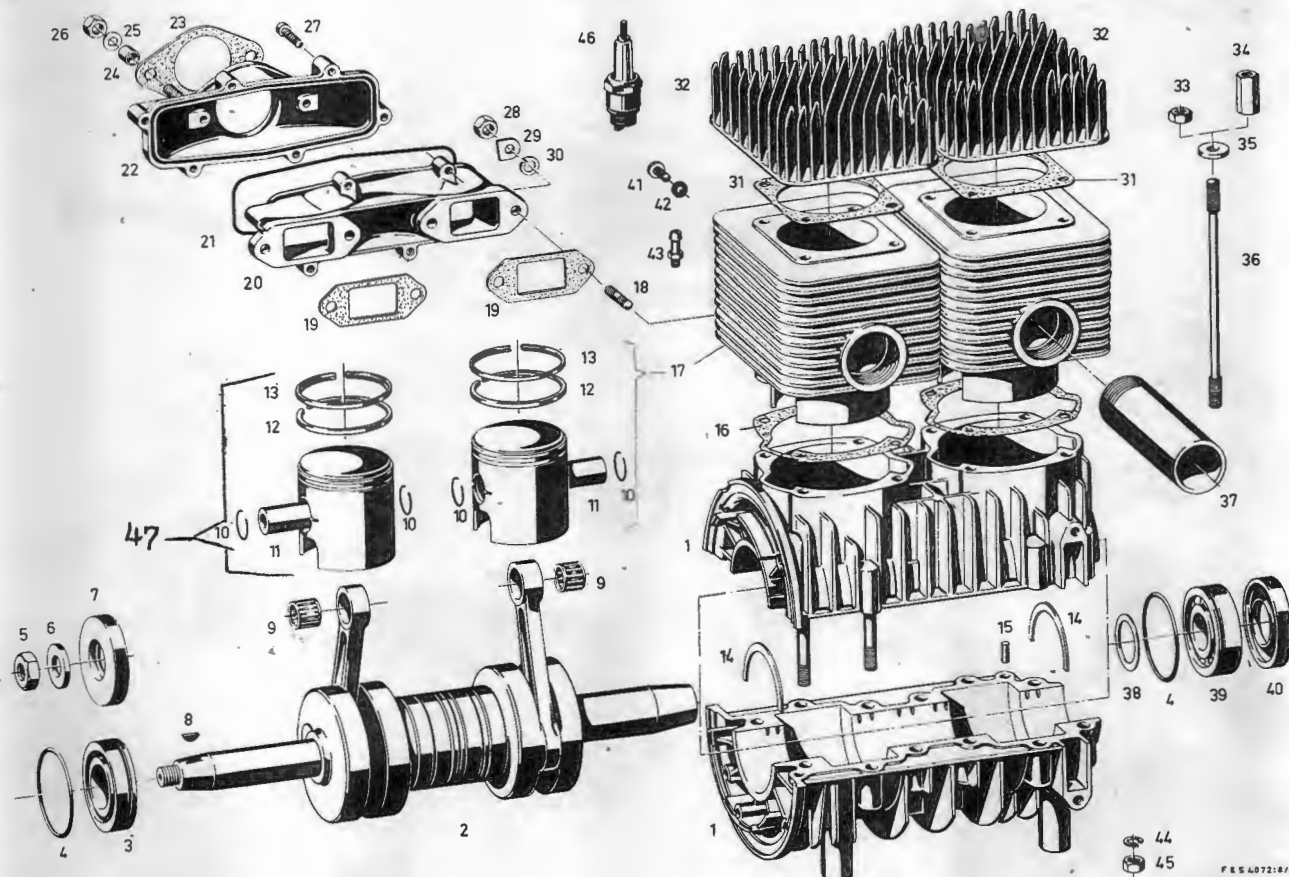


II

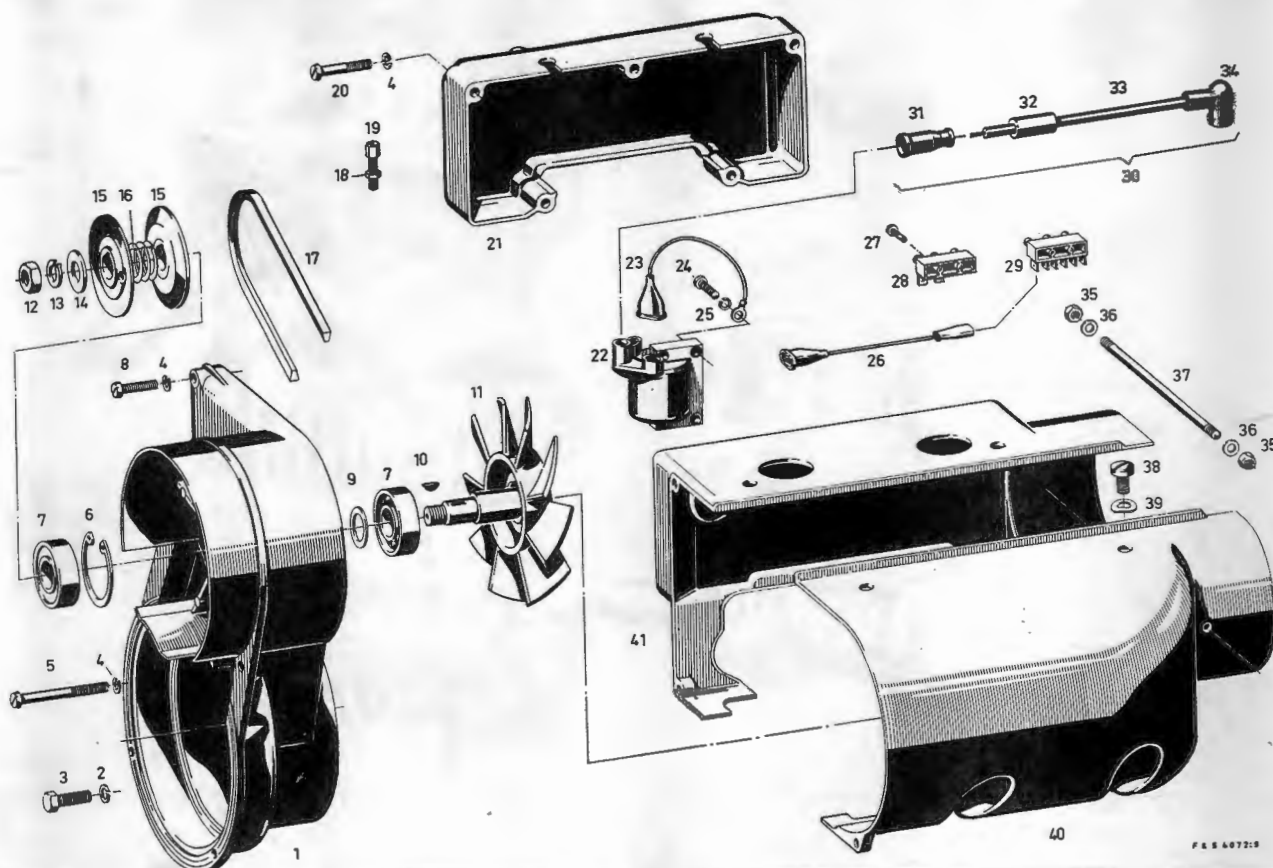
No. de l'ill.	A commander sous No.	Désignation	SA 2-290 SA 2-340		No. de l'ill.	A commander sous No.	Désignation	SA 2-290 SA 2-340	
			Pièces					Pièces	
I									
1	0940 008 003	screw m6x15	3	3	30	0245 023 001	spring washer m5	2	2
2	0245 023 002	spring washer m6	7	7	31	0940 123 000	screw	2	2
3	3656 005 000	v-belt pulley	1	1	32	3665 007 000	lubricating pad	1	1
4	3611 003 101	flange hub	1	1	33	0983 106 000	contact breaker ass'y	2	2
5	0942 020 100	nut m14x1.5	1	1	34	0240 066 009	pivot pin	2	2
6	3644 002 100	washer	1	1	35	0283 107 000	spare parts for contacts	2	2
7	3683 004 000	magneto complete	1	1	36	3665 004 000	ignition armature front	1	1
8	3665 003 000	mag ring	1	1	37	3665 004 001	" " rear	1	1
9	3683 006 000	armature base plate ass'y	1	1	38	2840 028 002	screw	2	2
10	0940 120 200	screw	4	4		1465 015 000	switch, lighting, ignition & starting	1	1
11	3665 001 001	insulating hose	1	1	II				
12	0299 059 009	lighting cable yellow	2	2	1	3688 008 000	crank	1	1
13	2783 020 000	ground cable brown	1	1	2	3630 005 000	seal	1	1
14	0965 108 001	generator cable blue	1	1	3	3623 003 000	adaptor plate	1	1
	0299 059 011	" " blue-yellow	1	1		3647 015 000	ring	1	1
15	0265 152 000	terminal	3	3	4	3671 003 000	ring gear	1	1
16	1439 008 000	spring	1	1	5	0644 012 000	spring washer	6	6
17	3644 005 000	spring washer	1	1	6	1340 020 004	screw m6x10	6	6
18	1465 018 000	flywheel	1	1	7	3677 001 200	starter housing	1	1
19	1445 016 000	circlip	1	1					
20	3623 002 000	cam	1	1	8	0240 029 201	stud m8x25	2	2
21	1447 018 000	supporting ring	1	1	9	0245 023 003	spring washer m8	4	4
22	0245 023 000	spring washer m4	3	3	10	0242 020 000	nut m8	2	2
23	2015 142 000	screw m4x5	3	3		0942 067 100	nut m8	2	2
24	0986 518 101	starter rope	1	1	11	3671 004 000	starter	1	1
25	3665 006 000	armature base plate only	1	1					
26	0240 076 000	screw m5x15	2	2	12	1465 017 000	relay	1	1
27	0244 054 002	washer	2	2	13	1465 014 000	rectifier	1	1
28	0965 091 000	condenser	2	2					
29	0299 059 007	cable black	2	2					
	3665 005 000	generator armature	1	1					



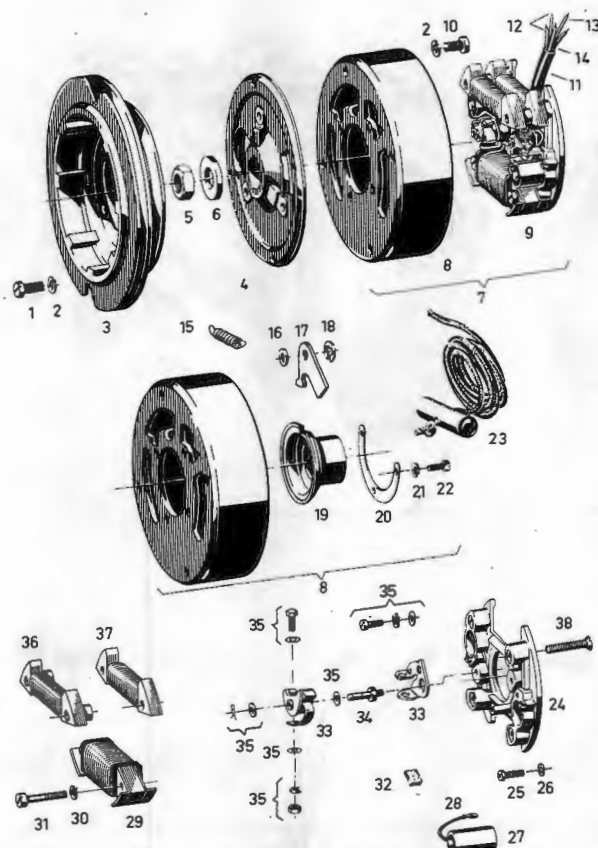
No. de l'ill.	A commander sous No.	Désignation	SA 2-230		No. de l'ill.	A commander sous No	Désignation	SA 2-230	
			SA 2-230	SA 2-340				Pièces	Pièces
1									
2	3670-008 002	starter ass'y	1	1					
3	0940 008 001	screw m6x15	4	4					
4	0245 023 002	spring washer m6	4	4					
5	3644 012 000	labyrinth ring	1	1					
6	1470 005 001	cable ass'y	1	1					
7	1452 020 000	clamping cone	1	1					
8	1452 019 000	clamping ring	1	1					
9	1452 017 000	starter handle	1	1					
10	1452 016 000	buffer	1	1					
11	1447 011 000	bush with collar	2	2					
12	3652 002 000	cable housing	1	1					
13	0244 054 002	washer	2	2					
14	3640 008 001	screw m5x15	2	2					
15	3670 007 002	starter housing	1	1					
16	3652 003 000	bush	1	1					
17	1444 021 002	washer	1	1					
18	1439 010 001	spiral spring	1	1					
19	3652 001 100	rope drum	1	1					
20	1452 018 000	starter pawl	2	2					
21	1444 021 000	washer	1	1					
22	1452 021 000	braking plate	1	1					
23	1445 011 000	spring washer	1	1					
24	1444 021 000	shim			14	3615 009 000	ring	57.5	4
	1444 021 001	"	x	x		3615 009 001	"	58.0	4
	1444 021 002	"				3615 009 002	"	58.5	4
25	1439 011 000	braking spring	1	1					
26	0245 023 003	spring washer m8	1	1	15	3686 010 005	piston	57.5	2
27	1815 007 000	screw m8x18	1	1		3686 010 006	"	58.0	2
	1463 010 000	label	1	1		3686 010 007	"	58.5	2
					14	3615 008 000	ring	62.0	4
						3615 008 001	"	62.5	4
						3615 008 002	"	63.0	4
					15	3686 007 005	piston	62.0	2
						3686 007 006	"	62.5	2
						3686 007 007	"	63.0	2



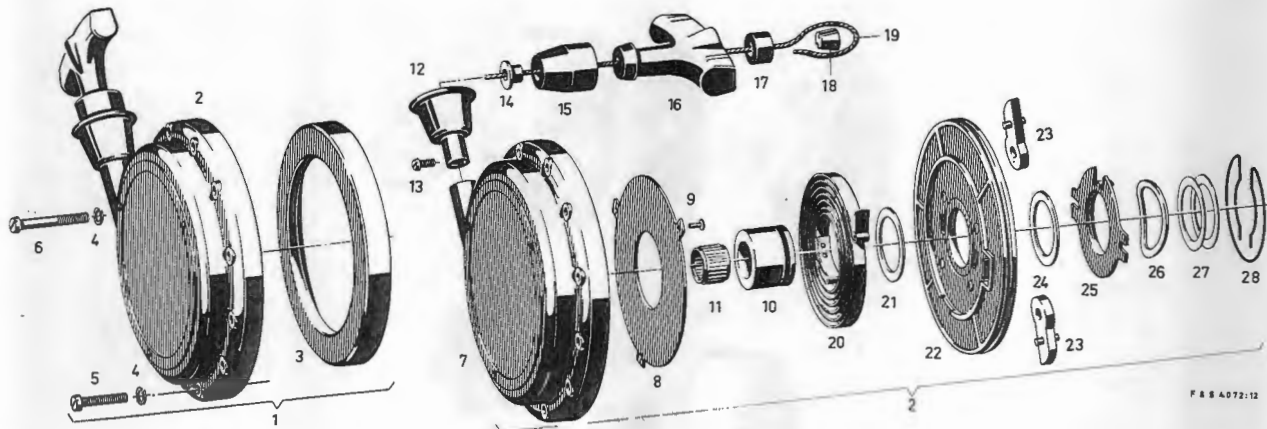
Illustr.No.	Part Number	Description	Qty.	SA2-440	Illustr.No.	Part Number	Description	Qty.	SA2-440
1	3687 002 000	CRANKCASE up to engine # 6520 526	1		32	3613 003 000	CYLINDER HEAD up to engine #6495 294	2	
	3687 002 100	CRANKCASE from engine # 6520 527	1			3613 003 100	CYLINDER HEAD from engine #6495 295 & up	2	
2	see table	CRANK page #34			33	2842 003 004	NUT M8	4	
3	3632 009 001	BEARING 6305 C3	1		34	3642 002 001	NUT M8 (27mm LONG)	4	
4	2011 156 100	SEALING RING	2		35	3644 004 000	WASHER	8	
5	0942 020 100	NUT M14x1.5	1		36	3640 003 001	STUD M8x140	8	
6	3644 002 100	DISC 15x34x4	1		37	3673 001 000	EXHAUST PIPE (117mm LONG)	2	
7	3630 004 000	LIP SEAL	1			3673 001 001	" (80mm LONG)	2	
8	0246 001 001	KEY	1		38	0944 058 002	SHIM	X	
9	3632 011 000	NEEDLE BEARING	2			0944 058 004	"	X	
10	3645 005 000	CIRCLIP	4			0944 058 005	"	X	
11	3616 001 000	GUDGEON PIN	2			0944 058 006	"	X	
12	3615 005 000	PISTON RING	2		39	3632 008 001	BEARING NJ-206 N C3	1	
13	3615 004 000	PISTON RING (L-ring)	2			3632 013 001	BEARING 3206 N C3	1	
14	3644 008 000	HALF DISC	2				FROM ENGINE #6520 527 & UP		
15	3649 003 000	CYLINDRICAL PIN	2		40	3630 001 000	LIP SEAL 28,4x62x10	1	
16	3650 003 000	CYLINDER GASKET	2			3630 005 000	LIP SEAL 45x62x8	1	
17	3687 004 001	CYLINDER ASS'Y	2		41	0940 154 001	SCREW M6x6	1	
18	0240 058 106	STUD M6x20	4		42	0950 112 000	SEALING RING	1	
19	3650 005 000	GASKET	2		43	1440 026 000	FITTING	1	
20	3667 004 000	INTAKE PIPE, LOWER PART	1		44	0245 023 003	SPRING WASHER	12	
21	3650 006 000	GASKET	1		45	2842 003 004	NUT M8	12	
22	3667 005 005	INTAKE PIPE, UPPER PART ASSY	1		46	0265 156 005	SPARK PLUG	2	
23	3650 002 000	GASKET	1				up to engine #6495 294		
24	1447 015 001	INSULATING BUSH	2			3665 013 001	SPARK PLUG	2	
25	0644 011 000	SPRING WASHER	2				from engine #6495 295 & up		
26	2842 003 004	NUT M8	2		47	3686-008 004	PISTON ONLY	2	
27	3640 002 002	SCREW M6x30	6			3686 009 000	GASKET SET	1	
28	0316 057 000	NUT M6	4						
29	3645 002 000	TAB WASHER	2						
30	0245 023 002	SPRING WASHER	8						
31	3650 004 000	CYLINDER HEAD GASKET	2						



Illustr. No.	Part Number	Description	SA 2-440	Illustr. No.	Part Number	Description	SA 2-440
			Pieces				Pieces
1	3611 014 000	Fan housing	1	27	1440 030 201	Fillister head screw, self-tapping, BM 4×12	2
2	0245 023 003	Spring washer for M 8	4	28	3665 002 001	Terminal	1
3	0941 054 000	Hexagon head screw M 8×25	4	29	3665 002 000	Terminal	1
4	0245 023 002	Spring washer for M 6	8	30	1483 016 000	Ignition cable ass'y., consisting of: illustr. 31...34	2
5	0940 128 202	Fillister head screw M 6×75	1	31	0265 150 000	Cap, protective	1
6	0945 000 000	Circlip 47×1.75	1	32	0960 022 000	Sleeve	1
7	3632 012 001	Deep groove ball bearing 6204 RS DIN 625	2	33	3665 016 101	Ignition cable, 180 mm long (7.087 in.)	1
8	3640 002 002	Fillister head screw M 6×30	2	34	1465 011 001	Spark plug cap ass'y.	1
9	0944 046 007	Washer 20.5×28.5×2.0	1	35	0942 117 002	Nut M 6, self-locking	2
10	0246 001 001	Key	1	36	0244 100 008	Washer 6.2×10×1	2
11	3666 002 001	Fan with fan shaft	1	37	3640 004 002	Stud M 6×182	1
12	0942 020 001	Nut M 14×1.5	1	38	3640 005 002	Fillister head screw M 8×15	4
13	0245 023 007	Spring washer for M 14 cancelled	1	39	0644 011 000	Spring washer	4
14				40	3611 016 000	Cylinder cowl half, exhaust side	1
15	3656 004 000	V-belt pulley half	2	41	3611 015 000	Cylinder cowl half, intake side	1
16	3644 009 000	Disc	7		1483 027 005	Cable Ass'y., brown consists of: 1×1465 005 001 Cable 800 mm 1×0265 152 000 Cable terminal 1×1465 016 000 Insulator sleeve	1
17	3656 002 000	V-belt, narrow 9.5×650	1		1483 021 006	Cable Ass'y., black consists of: 1×0299 059 007 Cable 800 mm 1×0265 152 000 Cable terminal 1×1465 016 000 Insulator sleeve	1
18	0316 057 000	Nut M 6	1		1483 021 007	Cable Ass'y., yellow consists of: 1×0299 059 009 Cable 800 mm 1×0265 152 000 Cable terminal 1×1465 016 000 Insulator sleeve	1
19	1440 037 001	Adjusting screw M 6×40	1		3665 001 001	Insulator hose 100 mm (3 15/16 in.)	1
20	0241 040 001	Fillister head screw M 6×38	5				
21	3611 018 000	Cover	1				
22	0283 109 000	Ignition coil	2				
23	3683 002 000	Earth cable ass'y., consisting of: 1×1465 005 001 cable, brown, 100 mm long (3 15/16") 1×0265 152 000 terminal 1×0265 151 000 protective cap 1×0965 134 000 terminal	2				
24	0640 009 000	Fillister head screw M 5×25	6				
25	0245 023 001	Spring washer for M 5	6				
26	3683 005 000	Primary cable ass'y. (from terminal to ignition coil) consisting of: 1×0965 108 001 cable, blue, 140 mm long (5.512 in.) 1×0265 151 000 cap, protective 1×1465 016 000 insulating sleeve 2×0265 152 000 cable terminal	2				

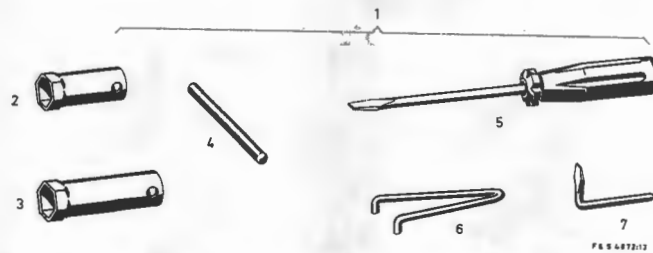


Illustr. No.	Part Number	Description	SA 2-440	Illustr. No.	Part Number	Description	SA 2-440
			Pieces				Pieces
1	0940 008 003	Fillister head screw M 6×15	3	32	3665 007 000	Lubricating pad	1
2	0245 023 002	Spring washer for M 6	7	33	0983 106 000	Contact breaker ass'y.	2
3	3656 003 000	V-belt pulley	1	34	0240 066 009	Pivot pin	2
4	3611 003 101	Flange hub	1	35	0283 107 000	Set of spares for fixing the contact breaker	2
5	0942 020 001	Nut	1	36	3665 004 000	Ignition armature (front)	1
6	3644 002 000	Washer 15×30×4	1	37	3665 004 001	Ignition armature (rear)	1
7	3683 004 000	Magneto-generator 12 V – 75 W Bosch part No. 0212 416 016	1	38	2840 028 002	Screw, countersunk	2
8	3665 003 000	Flywheel	1		3665 008 000	Resistance, 35 Watt (without illustration)	1
9	3683 006 000	Armature base plate ass'y.	1		1465 015 000	Switch, lighting, ignition and starting (without illustration)	1
10	0940 120 200	Screw, Phillips type	4				
11	3665 001 001	Insulating hose	1				
12	0299 059 009	Lighting cable, yellow	2				
13	2783 020 000	Ground cable with terminal, brown	1				
14	0965 108 001	Generator cable, blue	1				
	0299 059 011	Generator cable, blue-yellow	1				
15	1439 008 000	Spring for flyweight	1				
16	3644 005 000	Washer for flyweight	1				
17	1465 018 000	Flyweight	1				
18	1445 016 000	Circlip	1				
19	3623 002 000	Cam	1				
20	1447 018 000	Supporting ring for fixing the cam	3				
21	0245 023 000	Spring washer for M 4	3				
22	2015 142 000	Fillister head screw M 4×5	1				
23	0986 518 101	Starter cable with handle	1				
24	3665 006 000	Armature base plate, only	2				
25	0240 076 000	Fillister head screw M 5×15	2				
26	0244 054 002	Washer 5.3×10×1.0	2				
27	0965 091 000	Condenser	2				
28	0299 059 007	Connecting cable, black (please quote required length)	1				
29	3665 005 000	Generating armature	2				
30	0245 023 001	Spring washer for M 5	2				
31	0940 123 000	Fillister head screw for illustr. 29	1				

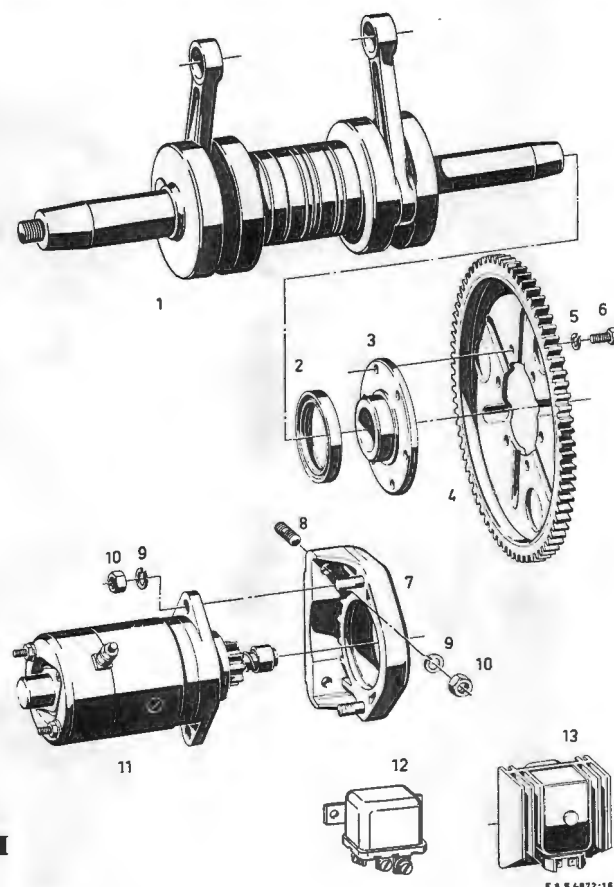
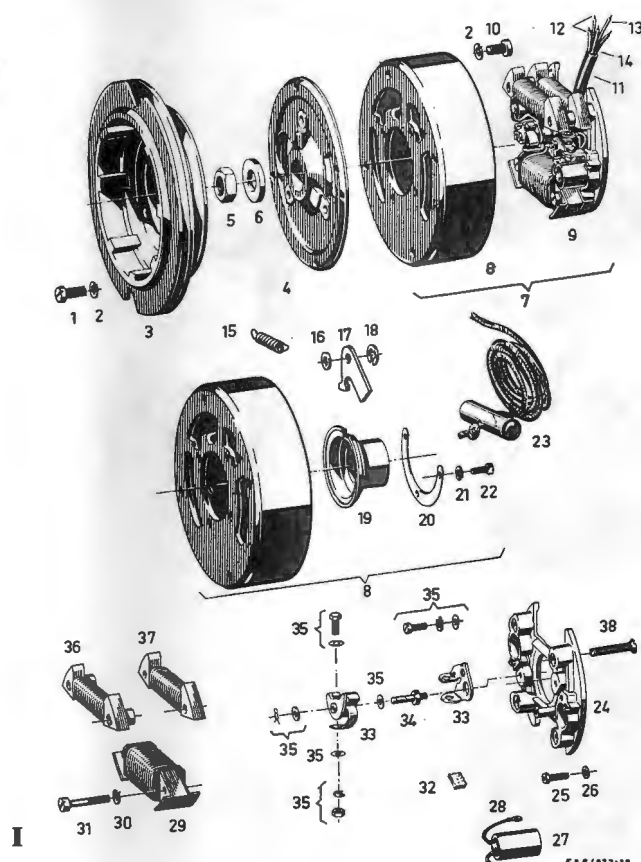


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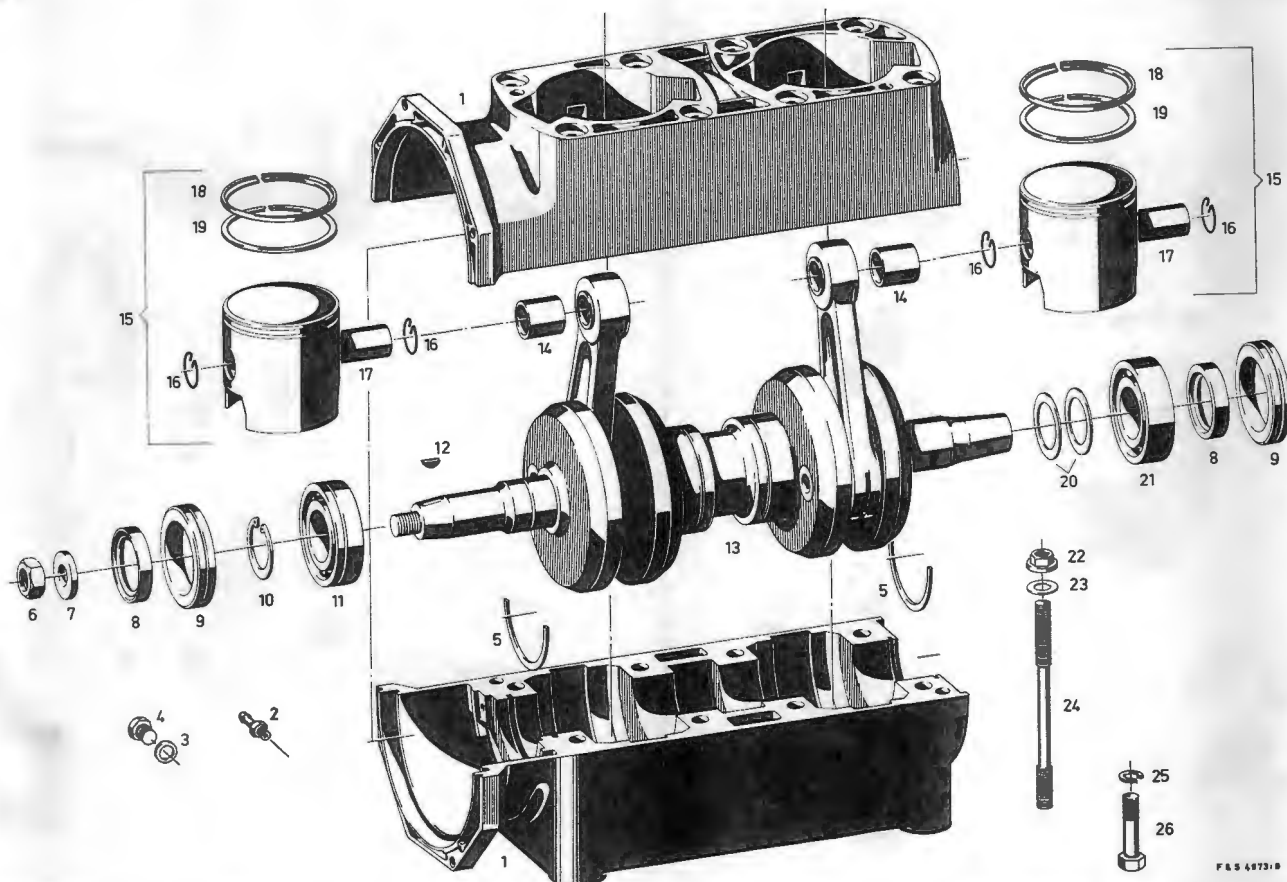
Tools



Illustr. No.	Part Number	Description	SA 2-440 Pieces
I		Recoil starter	
1	3670 006 001	Recoil starter kit, anti-clockwise rotation	1
2	3670 005 000	Recoil starter ass'y., anti-clockwise rotation	1
3	3647 011 000	Labyrinth ring	1
4	0245 023 002	Spring washer for M 6	3
5	0241 040 001	Fillister head screw M 6×38	2
6	0240 120 002	Fillister head screw M 6×52	1
7	3670 004 000	Starter housing ass'y., with illustr. 8...11	1
8	1444 024 000	Check plate	1
9	1443 003 004	Rivet	3
10	1432 025 000	Bush	1
11	1447 013 000	Tolerance ring	1
12	1452 015 000	Cable guide	1
13	0241 021 006	Fillister head screw M 4×10	1
14	1447 011 000	Bush with collar	2
15	1452 016 000	Buffer	1
16	1452 017 000	Starter handle	1
17	1452 019 000	Clamping ring	1
18	1452 020 000	Clamping cone	1
19	1470 005 001	Cable ass'y. with solder nipple 0999 126 000 2100 mm long (82.7 in.)	1
20	1439 010 001	Spiral spring	1
21	1444 021 002	Washer 43.2×54×0.8	1
22	1452 014 000	Cable pulley	1
23	1452 018 000	Starter pawl	2
24	1444 021 000	Washer 43.2×54×0.1	1
25	1452 021 000	Braking plate	1
26	1445 011 000	Spring washer	1
27	1444 021 000	Shim 43.2×54×0.1	x
	1444 021 001	Shim 43.2×54×0.3	
	1444 021 002	Shim 43.2×54×0.8	
28	1439 011 000	Braking spring	1
x = as required			
II		Tools	
1	3676 003 001	Tool set	1
2	2876 014 000	Box spanner 21 mm	1
3	0976 014 000	Box spanner 22 mm	1
4	2876 012 000	Pin	1
5	1376 004 000	Screwdriver	1
6	3676 002 000	Holding lever	1
7	2876 007 000	Screwdriver, angled	1
Table for crankshafts			
		Part Number / Remark	SA 2-440
		3688 007 200 Magneto side cone 1 : 5 Power take-off side cone 1 : 10 up to engine No. 6520 526	×
		3688 007 300 Magneto side cone 1 : 5 Power take-off side cone 1 : 10 version without and with electric starter from engine No. 6520 527 onwards	×



Illustr. No.	Part Number	Description	Pieces	Illustr. No.	Part Number	Description	Pieces
I		Magneto generator 12 V — 40 W					
1	0940 008 003	Screw M 6 x 15	3	35	0283 107 000	Set of spares for contact breaker	2
2	0245 023 002	Spring washer for M 6	7	36	3665 004 002	Ignition armature (top)	1
3	3656 003 000	V-belt pulley	1	37	3665 004 003	Ignition armature (bottom)	1
4	3611 003 201	Flange hub	1	38	2840 028 002	Screw, countersunk	2
5	0942 020 100	Nut M 14 x 1.5	1		3665 001 001	Insulating hose 8 x 0.7	1
6	3644 002 100	Washer 15 x 30 x 5	1		3665 008 000	Resistance 35 W	1
7	3683 004 005	Magneto generator 12 V — 40 W BOSCH Ref. 0212 416 019	1	II		Electric starter kit	1
8	3665 003 002	Flywheel	1	1	3671 005 001	Crankshaft, from engine No. 6520 527 onwards, version with and without electric starter	1
9	3683 006 001	Armature base plate ass'y.	1		3688 007 300		
10	0940 120 200	Screw, Philips type	4	2	3630 005 000	Seal 45 x 62 x 8	1
11	3665 001 001	Insulating hose	1	3	3623 003 000	Hub	1
12	0299 059 009	Lighting wire	2	4	3671 003 000	Gear ring for electric starter	1
13	2783 020 000	Ground wire with terminal, brown	1	5	0644 012 000	Spring washer 6.4 x 11 x 0.5	6
14	0965 108 001	Generating wire, blue	1	6	1340 020 004	Screw, hexagon head, M 6 x 10	6
15	0299 059 011	Generating wire, blue-yellow	1	7	3677 001 100	Flange ass'y., including: 2 x 0940 017 101 stud M 8 x 20	1
16	1439 008 000	Spring for flyweight	1	8	0940 017 101	Stud M 8 x 20	2
17	3644 005 001	Washer for flyweight	1	9	0245 023 003	Spring washer for M 8	4
18	1465 018 000	Flyweight	1	10	0242 020 000	Nut M 8, 13 mm across flats	2
19	1445 016 000	Circlip	1		0942 067 100	Nut M 8, 11 mm across flats for illustr. 8	2
20	3623 002 000	Cam	1	11	3671 004 000	Electric starter (Bendix) BOSCH Ref. 0001 160 003	1
21	1447 018 000	Supporting ring for fixing the cam	1	12	1465 017 000	Starter relay for Bendix starter	1
22	0245 023 000	Spring washer for M 4	3	13	1465 014 000	Rectifier for 12 V — 75 W	1
23	2015 142 000	Screw M 4 x 5	3		1465 008 000	Rectifier for 12 V — 40 W	1
24	0986 518 101	Starter rope with handle	1				
25	3665 006 000	Armature base plate	1				
26	0240 076 000	Screw M 5 x 15	2				
27	0244 054 002	Washer 5.3 x 10 x 1.0	2				
28	0965 091 000	Condenser	2				
	0299 059 007	Connecting cable, black (quote required length)	1				
29	3665 005 001	Generating armature	1				
30	0245 023 001	Spring washer for M 5	2				
31	0940 123 000	Screw for illustr. 29	2				
32	3665 007 000	Lubricating pad	1				
33	0983 106 000	Set of contact breaker	2				
34	0240 066 009	Pivot pin	2				



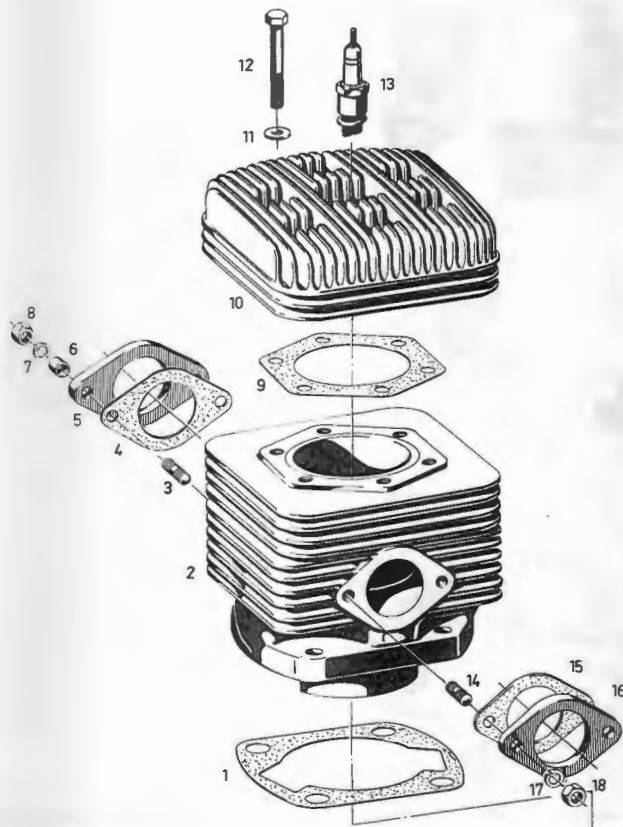
F&S 487318

Illustr. No.	Part No.	Description	SA 2-740		Illustr. No.	Part No.	Description	SA 2-740	
			SA 2-740	SA 2-740 C				SA 2-740	SA 2-740 C
			Pieces					Pieces	
1	3687 001 100	Crankcase ass'y., ...	1	1	16	1445 013 000	Circlips	4	4
		consisting of:			17	1416 002 000	Gudgeon pin	2	2
		1×crankcase, lower part			18	3615 002 000	Piston ring, L-profile, Ø 79.0	2	2
		1×crankcase, upper part				3615 002 001	Piston ring, L-profile, Ø 79.25	2	2
		8×3640 001 101 bolt, elongating				3615 002 002	Piston ring, L-profile, Ø 79.5	2	2
		2×0249 120 000 dowel sleeve			19	3615 003 000	Piston ring, rectangular, Ø 79.0	2	2
	3687 001 000	Crankcase ass'y., ...	1			3615 003 001	Piston ring, rectangular, Ø 79.25	2	2
		consisting of:				3615 003 002	Piston ring, rectangular, Ø 79.5	2	2
		1×crankcase, lower part			20	0644 104 000	Shim 35.2×44×0.3		
		1×crankcase, upper part				0644 104 001	Shim 35.2×44×0.5		
		8×3640 001 001 bolt, elongating				0644 104 002	Shim 35.2×44×0.6	x	x
		2×0249 120 000 dowel sleeve				0644 104 003	Shim 35.2×44×0.8		
2	1440 026 000	Fitting, threaded	2	2		0644 104 004	Shim 35.2×44×1.0		
3	0950 014 001	Sealing washer	2	2	21	3632 004 101	Cylindrical roller bearing NJ 207 E ZS C4	1	1
4	0940 025 000	Hexagon head bolt M 8×9	2	2		3686 001 000	Ring ass'y. — power take-off side	1	
5	3644 006 100	Semi-circular ring	2	2			consisting of:		
6	0942 020 101	Nut M 14×1.5, generator side	1	1			1×3647 002 000 ring		
7	0942 028 201	Nut M 16×1.5, power take-off side	1	1			1×3632 004 101 cylindrical roller bearing		
8	3644 002 000	Washer 15×34×4, generator side	1	1			1×3645 001 000 circlip 72×2.5		
9	0245 023 008	Spring washer for M 16 power take-off side	1	1			1×3630 003 000 oil seal		
10	3630 003 000	Oil seal	2	2	22	0942 072 100	Collar nut M 10×1	8	8
11	3647 013 000	Ring	2	2	23	0518 107 000	Washer 10.5×22×2	16	16
	3645 003 000	Circlip 35×1.5	1	1	24	3640 001 101	Bolt, elongating	8	8
	3632 005 101	Deep grooved ball bearing 6207 N C 4	1	1		3640 001 001	Bolt, elongating	8	8
	3686 002 000	Ring ass'y. — generator side	1	1	25	0245 023 004	Spring washer for M 10	4	4
		consisting of:			26	0941 056 000	Bolt, hexagon head, M 10×45	4	4
		1×3647 003 000 ring							
		1×3632 005 101 deep grooved ball bearing 6207 N C 4							
12	0246 001 001	Key 3×5	1	1					
13	3688 001 100	Crankshaft	1	1					
	3688 001 001	Crankshaft	1	1					
14	1132 028 001	Small end bush	2	2					
15	3686 005 005	Piston ass'y. Ø 79.0	2	2					
	3686 005 006	Piston ass'y. Ø 79.25	2	2					
	3686 005 007	Piston ass'y. Ø 79.5	2	2					
		with piston rings, piston pin and circlips							

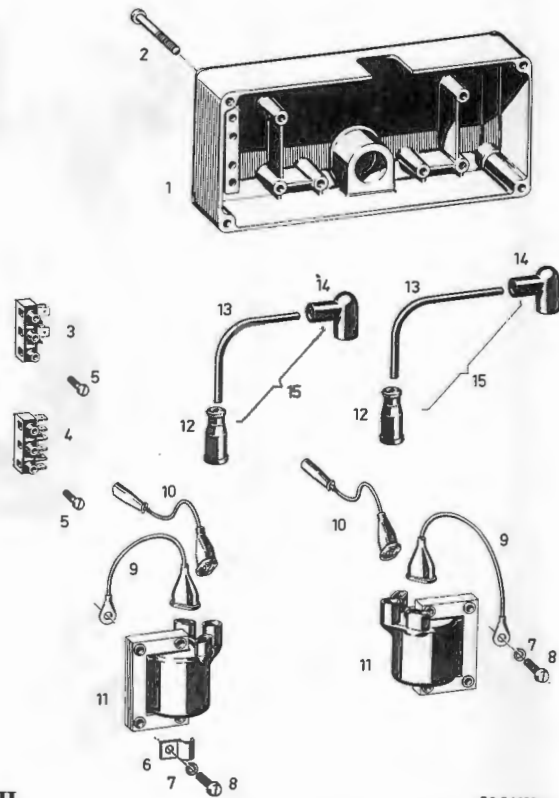
3686.009.001 GASKET SET

x = as required

Cylinder



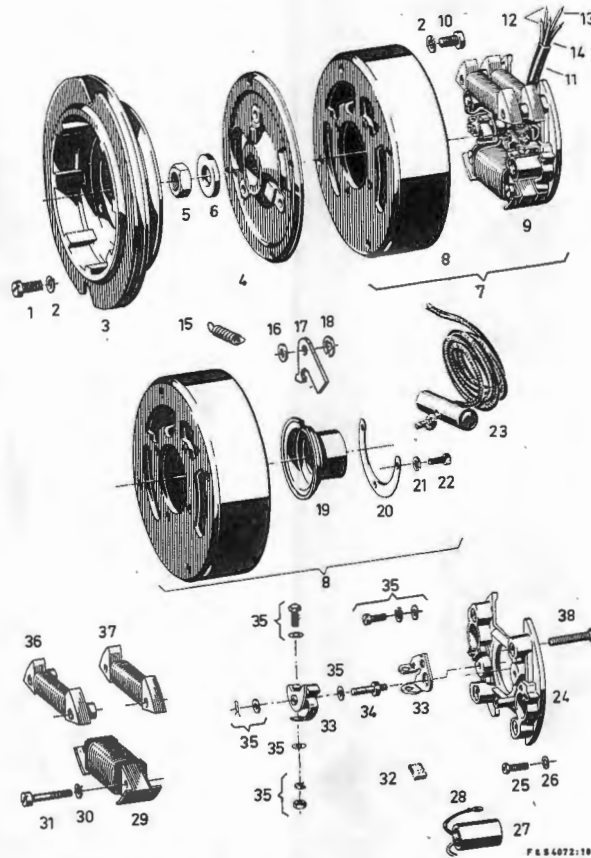
Crankcase cover, Ignition coil



II

P R 9 4673:12

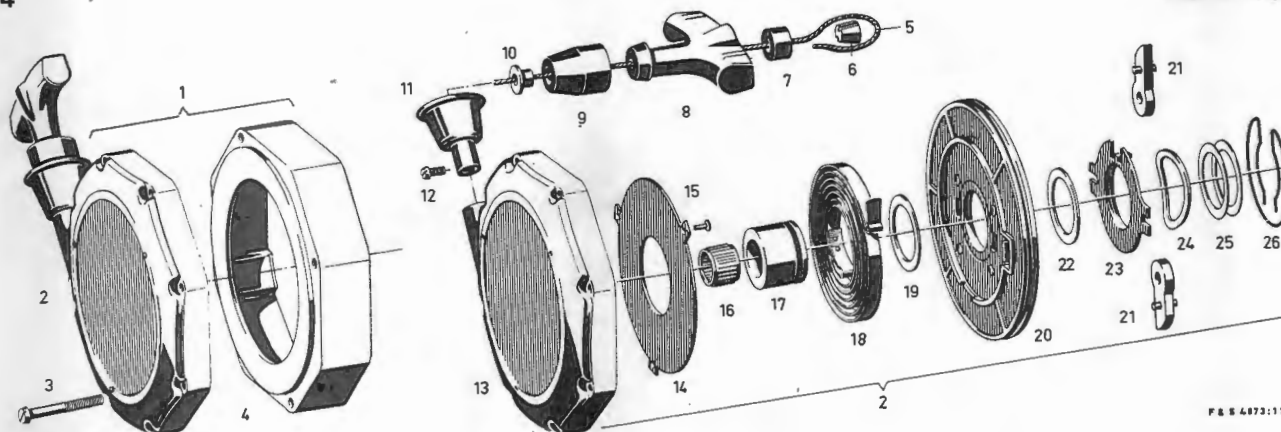
Illustr. No.	Part No.	Description	SA2-740		Illustr. No.	Part No.	Description	SA2-740	
			SA2-740	SA2-740 C				SA2-740	SA2-740 C
			Pieces					Pieces	
1	3650 001 000	Gasket	2	2	II	3611 020 000	Crankcase cover	1	
2	3687 003 000	Cylinder ass'y. including: 2×0940 147 001 stud M 8×30 2×0940 017 101 stud M 8×20	2	2	1	0940 119 102	Screw M 6×60	4	
3	0940 147 001	Stud M 8×30	4	4	3	3665 002 001	Terminal block, 2 poles	1	
4	3650 002 000	Gasket	2	2	4	3665 002 000	Terminal block, 3 poles	1	
5	1450 029 000	Insulating flange	2	2	5	3665 002 100	Terminal block, 5 poles	1	
6	1447 015 000	Insulating bush 8.5×13.5	4	4	6	0241 028 001	Screw M 4×12	2	
7	1450 031 000	Insulating washer 8.4×17×2.3	4	4	7	3651 001 000	Clip	1	
8	1342 003 004	Nut M 8, self-locking	4	4	8	0245 023 001	Spring washer for M 5	6	
9	3650 007 000	Cylinder head gasket	2	2	9	0640 009 000	Screw M 5×25	6	
10	3613 002 100	Cylinder head	2	2	9	3683 002 000	Earth cable ass'y., consisting of: 1×1465 005 001 cable, brown, 100 mm long (3.9 in.)	2	
11	3613 002 000	Cylinder head	2	2			1×0265 152 000 terminal		
12	3644 004 000	Washer 8.4×20×3.5	8	8			1×0265 151 000 cap, protective		
13	1440 038 001	Bolt, hexagon head, M 8×60	8	8			1×0965 134 000 terminal		
14	1465 002 007	Spark plug M 260 T 1	2	2	10	3683 005 000	Primary cable ass'y., consisting of: 1×0965 108 001 cable, blue, 140 mm long (5.5 in.)	2	
15	0940 017 101	Stud M 8×20	4	4			1×0265 151 000 cap, protective		
16	1450 033 000	Gasket	2	2			1×1465 016 000 insulating sleeve		
17	1473 022 000	Flange	2	2			1×0265 152 000 terminal		
18	0245 023 003	Spring washer for M 8	4	4			Primary cable ass'y., (terminal block to ignition coil) consisting of: 1×0965 108 001 cable, blue, 480 mm long (18.9 in.)	1	
	0942 067 100	Nut M 8	4	4		3683 003 000	1×0965 108 001 cable, blue, 380 mm long (15 in.)		
							1×0960 148 001 insulating hose 270 mm long (10.6 in.)		
							2×0265 151 000 cap, protective		
							2×1465 016 000 insulating sleeve		
							4×0265 152 000 terminal		
					11	0283 109 000	Ignition coil	2	2
					12	0265 150 000	Cap, protective	2	2
					13	0665 016 101	Ignition cable, 400 mm long (15.7 in.)	2	2
					14	1465 011 001	Spark plug connector	2	2
					15	1483 016 000	Ignition cable ass'y., including illustr. 12...14	2	2



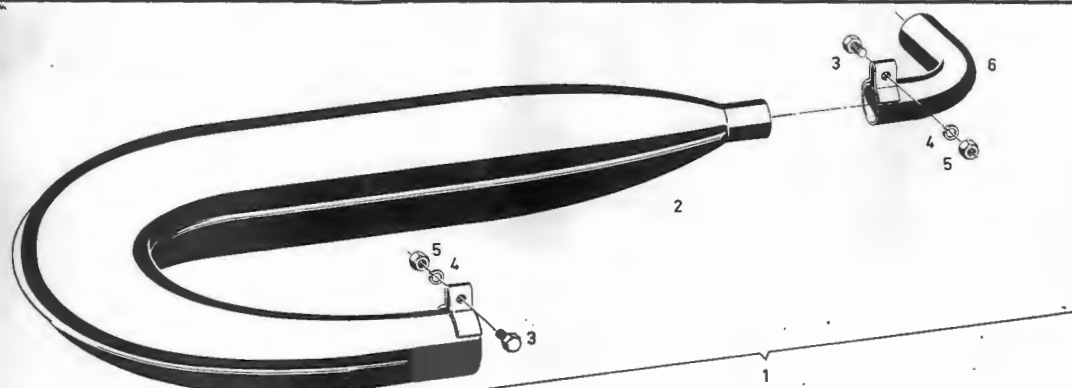
Illustr. No.	Part No.	Description	SA 2-740		Illustr. No.	Part No.	Description	SA 2-740	
			SA 2-740	SA 2-740 C				SA 2-740	SA 2-740 C
			Pieces					Pieces	
1	0940 008 003	Screw M 6×15	3	3	29	3665 005 000	Generating armature	1	1
2	0245 023 002	Spring washer for M 6	7	7	30	0245 023 001	Spring washer for M 5	2	2
3	3656 003 000	V-belt pulley	1	1	31	0940 123 000	Screw for illustr. 29	2	2
4	3611 003 100	Flange hub	1	1	32	3665 007 000	Lubricating pad	1	1
	3611 003 000	Flange hub	1	1	33	0983 106 000	Set of contact breaker	2	2
5	0942 020 001	Nut	1	1	34	0240 066 009	Pivot pin	2	2
6	3644 002 100	Washer 15×30×5	1	1	35	0283 107 000	Set of spares for contact breaker	2	2
7	3683 001 000	Magneto-generator 12 V – 75 W Bosch Part No. 0212 416 011	1	1	36	3665 004 000	Ignition armature (front)	1	1
8	3665 003 001	Flywheel	1	1	37	3665 004 001	Ignition armature (rear)	1	1
9	3683 006 000	Armature base plate ass'y.	1	1	38	2840 028 002	Screw, countersunk	2	2
10	0940 120 200	Screw, Phillips type	4	4		3665 008 000	Resistance, 35 Watt (without illustr.)	1	1
11	3665 001 001	Insulating hose	1	1		1465 015 000	Lighting-, ignition- and starter switch (without illustr.)		1
12	0299 059 009	Lighting wire, yellow	2	2					
13	2783 020 000	Earth cable with terminal, brown	1	1					
14	0965 108 001	Generator cable, blue	2	2					
	0299 059 011	Generator cable, blue-yellow	2	2					
15	1439 008 000	Spring for flyweight	1	1					
16	3644 005 000	Washer for flyweight	1	1					
17	1465 018 000	Flyweight	1	1					
18	1445 016 000	Locking washer	1	1					
19	3623 002 001	Cam	1	1					
20	1447 018 000	Supporting ring for fixing the cam	1	1					
21	0245 023 000	Spring washer for M 4	3	3					
22	2015 142 000	Screw M 4×5, fillister head	3	3					
23	0986 518 101	Starter rope with handle	1	1					
24	3665 006 000	Armature base plate, only	1	1					
25	0240 076 000	Screw M 5×15	2	2					
26	0244 054 002	Washer 5.3×10×1.0	2	2					
27	0965 091 000	Condenser	2	2					
28	0299 059 007	Connecting cable, black (quote required length)	2	2					

Plate 4

Recoil starter

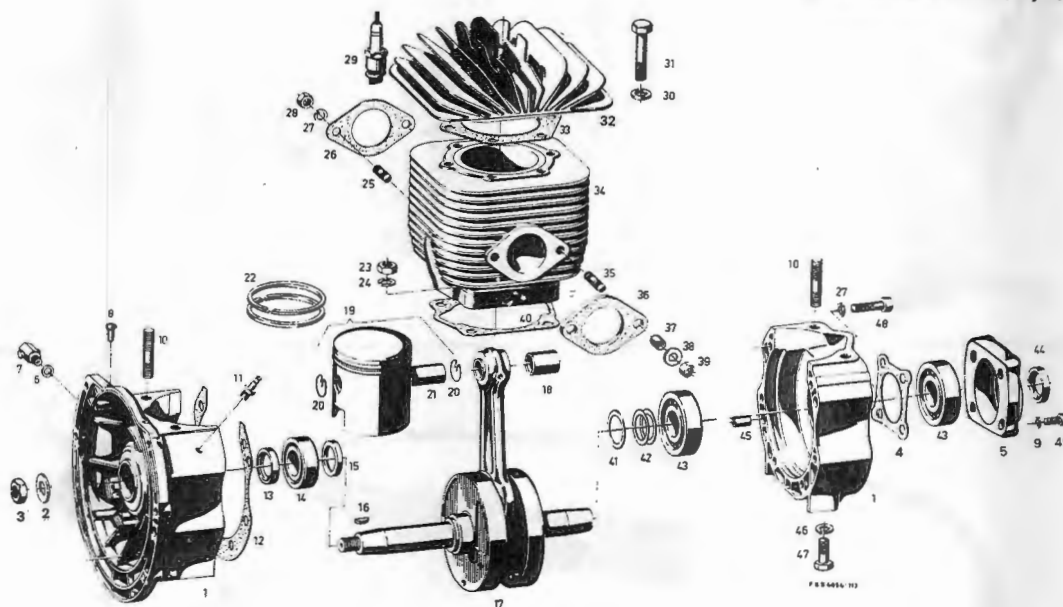


Muffler



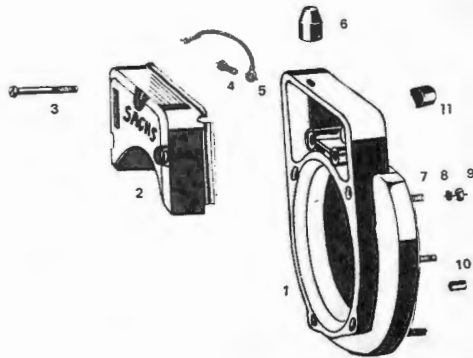
Illustr. No.	Part No.	Description	SA 2-740		Illustr. No.	Part No.	Description	SA 2-740	
			SA 2-740	SA 2-740 C				SA 2-740	SA 2-740 C
			Pieces					Pieces	
I		Recoil starter			II		Muffler		
1	3670 001 001	Recoil starter, mounting kit	1	1	1	1473 026 001	Muffler ass'y.	2	
2	3670 002 000	Recoil starter ass'y.	1	1	2	1473 026 000	Muffler	2	
3	0640 011 102	Screw M 6×65	4	4	3	0240 091 001	Bolt, hexagon head, M 6×15	2	
4	3611 019 000	Intermediate housing	1	1	4	0245 023 002	Spring washer for M 6	2	
5	1470 005 001	Cable, 1900 mm long (74.8 in.), with solder nipple 1491 009 000	1	1	5	0316 057 002	Nut M 6	2	
6	1452 020 000	Clamping cone	1	1	6	1473 028 000	Exhaust pipe	2	
7	1452 019 000	Clamping ring	1	1					
8	1452 017 000	Starter handle	1	1					
9	1452 016 000	Buffer	1	1					
10	1447 011 000	Bush with collar	1	1					
11	1452 015 000	Cable guide	1	1					
12	0241 021 006	Screw M 4×10	1	1					
13	3670 003 000	Starter housing ass'y., including illustr. 14...17	1	1					
14	1444 024 000	Check plate	1	1					
15	1443 003 004	Rivet, semi-round head	3	3					
16	1447 013 000	Tolerance ring	1	1					
17	1432 025 000	Bush	1	1					
18	1439 010 001	Spiral ring	1	1					
19	1444 021 002	Washer 43.2×54×0.8	1	1					
20	1452 014 000	Cable pulley	1	1					
21	1452 018 000	Starter pawl	2	2					
22	1444 021 000	Washer 43.2×54×0.1	1	1					
23	1452 021 000	Brake disc	1	1					
24	1445 011 000	Spring washer	1	1					
25	1444 021 000	Shim 43.2×54×0.1							
	1444 021 001	Shim 43.2×54×0.3	x	x					
	1444 021 002	Shim 43.2×54×0.8							
26	1439 011 000	Brake spring	1	1					

x = as required

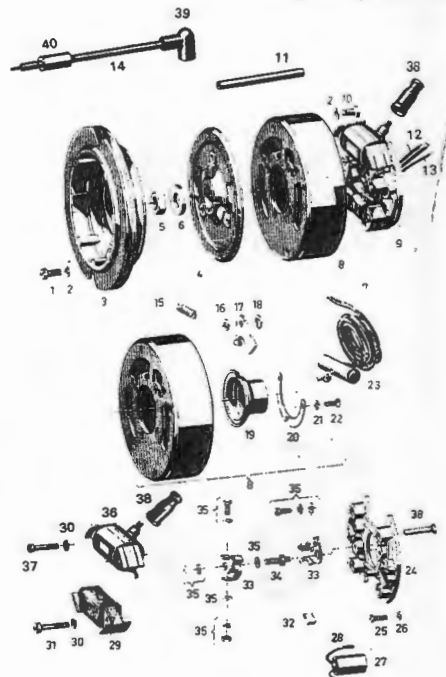


Ill. No.	Part Number	Description	SA 290 R		Ill. No.	Part Number	Description	SA 290 R	
			Pieces	SA 340 R				Pieces	SA 340 R
1	1487 029 103	Crankcase ass'y.	1	1	23	0242 009 000	Nut M 10, 17 mm across flat	4	4
2	3644 002 100	Washer 15 x 30 x 5	1	1	24	0245 023 004	Spring washer for M 10	4	4
3	0942 020 101	Nut M 14 x 1.5	1	1	25	0940 017 101	Stud M 8 x 20 DIN 835	2	2
4	1450 048 000	Gasket	1	1	26	1450 033 000	Gasket	1	1
5	1411 054 000	Bearing flange	1	1	27	0245 023 003	Spring washer for M 8	8	8
6	0950 014 001	Sealing ring	1	1	28	0242 020 000	Nut M 8	2	2
7	0972 004 105	Oil drain cock	1	1	29	0665 120 001	Spark plug W 290 T 16 (BOSCH)	1	1
8	1463 012 000	Plug	2	2	30	0244 124 001	Washer 8.4 x 17 x 2	6	6
9	2018 106 000	Spring washer for M 6	4	4	31	1440 038 001	Hexagon head screw M 8 x 60	6	6
10	1440 046 001	Stud M 10 x 55	4	4	32	1413 004 211	Cylinder head	1	
11	1440 026 000	Threaded nipple for pulsation	1	1		1413 004 212	Cylinder head		1
12	1450 026 100	Gasket	1	1	33	1450 047 000	Cylinder head gasket ϕ 75 (2.952 in. dia.)	1	
13	0930 015 001	Lip seal 25 x 35 x 7/9	1	1		3650 007 000	Cylinder head gasket ϕ 81 (3.189 in. dia.)		1
14	1432 022 001	Deep groove ball bearing 6305 C3 DIN 625	1	1	34	1487 015 130	Cylinder ass'y. with illustr. 25 and 35	1	
15	1447 019 000	Spacer 25 x 40 x 5	1	1		1487 030 105	Cylinder ass'y. with illustr. 25 and 35		1
16	0246 001 001	Spring 3 x 5	1	1	35	0940 147 001	Stud M 8 x 30	2	2
17	1468 016 201	Crankshaft	1	1	36	1450 029 000	Insulating flange	1	1
18	0932 059 005	Bush for connecting rod	1	1	37	1447 015 000	Insulating bush 8.5 x 10.1 x 13.5	2	2
19	1466 030 145	Piston ass'y. ϕ 73.0 (2.874 in. dia.)	1	1	38	1450 031 000	Insulating washer 8.4 x 17 x 2.3	2	2
	1486 030 146	Piston ass'y. ϕ 73.5 (2.894 in. dia.)	1		39	1342 003 004	Nut M 8, self-locking	2	2
	1486 030 147	Piston ass'y. ϕ 74.0 (2.913 in. dia.)	1		40	1450 042 100	Gasket	1	1
	1486 037 015	Piston ass'y. ϕ 78.0 (3.071 in. dia.)	1	1	41	1444 036 000	Shim 30.4 x 40.5 x 1.5	1	1
	1486 037 016	Piston ass'y. ϕ 78.25 (3.081 in. dia.)	1		42	0944 058 002	Shim 30.4 x 40.5 x 0.3		
	1486 037 017	Piston ass'y. ϕ 78.5 (3.091 in. dia.)	1			0944 058 004	Shim 30.4 x 40.5 x 0.5		
20	0945 062 000	Circclip	2	2		0944 058 005	Shim 30.4 x 40.5 x 0.6	x	x
21	1416 001 100	Gudgeon pin	1			0944 058 006	Shim 30.4 x 40.5 x 0.2		
	1416 005 000	Gudgeon pin	1		43	0932 057 003	Deep groove ball bearing 6206 C3 DIN 625	2	2
22	1415 010 005	Piston ring, L-profile, ϕ 73.0 (2.874 in. dia.)	1		44	1430 004 000	Lip seal 30 x 47 x 8	1	1
	1415 010 006	Piston ring, L-profile, ϕ 73.5 (2.894 in. dia.)	1		45	2647 001 000	Dowel sleeve 8.4 x 15	2	2
	1415 010 007	Piston ring, L-profile, ϕ 74.0 (2.913 in. dia.)	1		46	0245 023 004	Spring washer for M 10	4	4
	1415 008 005	Piston ring, L-profile, ϕ 78.0 (3.071 in. dia.)	1		47	0240 064 000	Hexagon head screw M 10 x 40	4	4
	1415 008 006	Piston ring, L-profile, ϕ 78.25 (3.081 in. dia.)	1		48	1440 056 001	Hexagon socket head screw M 8 x 65	2	2
	1415 008 007	Piston ring, L-profile, ϕ 78.5 (3.091 in. dia.)	1		49	1940 039 000	Hexagon socket head screw M 8 x 35	4	4
						2740 003 002	Hexagon socket head screw M 6 x 30	4	4
							x - as required		

Plate 2



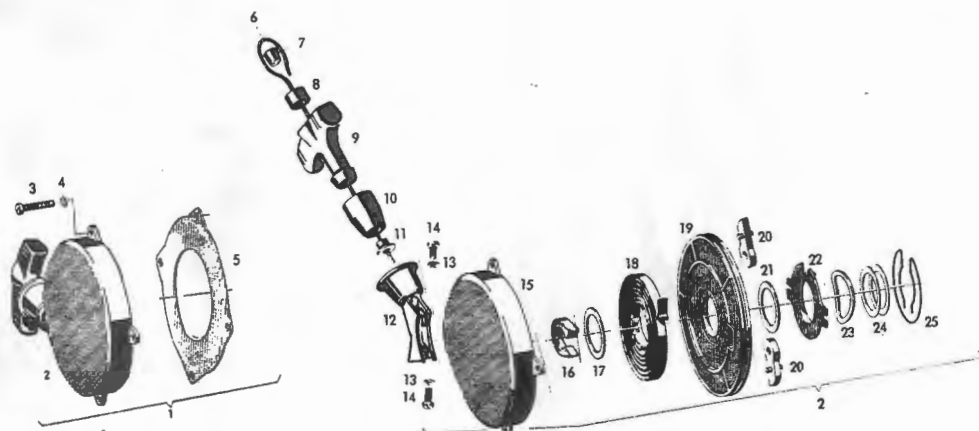
Magneto-generator 12V - 40W



Ill. No.	Part Number	Description	SA 290 R SA 340 R		Ill. No.	Part Number	Description	SA 290 R SA 340 R	
			Pieces					Pieces	
I		Generator housing							
1	1487 036 000	Generator housing ass'y.	1	1	15	1439 008 000	Spring for flyweight	1	1
2	1411 057 000	Cover	1	1	16	1444 019 000	Washer for flyweight	2	2
	3665 011 001	Plug connection	1	1	17	1465 018 000	Flyweight	1	1
	3640 007 001	Cylindrical tap M 3 x 15	2	2	18	0945 111 000	Lock washer	1	1
3	2840 025 001	Fillister head screw M 5 x 55	3	3	19	1423 001 000	Cam for flywheel	1	1
4	0940 047 000	Fillister head screw M 5 x 8	1	1	20	1447 018 000	Supporting ring for cam	1	1
5	1483 012 101	Ground cable ass'y.	1	1	21	0245 023 000	Spring washer for M 4	3	3
6	0965 154 105	Short-circuit button	1	1	22	2015 142 000	Fillister head screw M 4	3	3
7	0240 002 101	Stud M6 x 22	6	6	23	0986 516 101	Starter cable ass'y.	1	1
8	0245 023 002	Spring washer for M 6	6	6	24	1465 003 000	Armature plate, separate	1	1
9	0316 057 002	Nut M 6	6	6	25	0240 056 001	Fillister head screw M 5 x 12	3	3
10	0929 009 000	Dowel sleeve	2	2	26	0244 054 002	Washer	3	3
11	0960 000 101	Plug	1	1	27	0965 091 000	Condenser	1	1
					28	0965 120 000	Connecting cable to condenser	1	1
II		Magneto-generator 12 V - 40 W			29	0965 115 000	Generating armature	1	1
1	0940 008 003	Fillister head screw M 6 x 15	3	3	30	0245 023 001	Spring washer for M 5	4	4
2	0245 023 002	Spring washer for M 6	3	3	31	0940 123 000	Fillister head screw for generating armature	2	2
3	3656 005 001	V-belt pulley	1	1	32	2865 008 000	Lubricating pad	1	1
4	1411 055 000	Flanged hub	1	1	33	0283 101 100	Set of contact breakers	1	1
5	0942 020 101	Nut M 14 x 1.5	1	1	34	0240 066 009	Pivot pin	1	1
6	3644 002 100	Shim 15 x 30 x 5	1	1	35	0283 107 000	Set of spares for contact breakers	1	1
7	1483 008 005	Magneto-generator 12 V - 40 W BOSCH No. 0212 417 002	1	1	36	0965 116 000	Ignition armature	1	1
	0299 059 007	Short-circuit cable (black) indicate length	1	1	37	0640 009 000	Fillister head screw for ignition armature	2	2
8	1403 011 000	Flywheel ass'y. with illustr. 15...22	1	1	38	0265 150 000	Cover for ignition armature	1	1
9	1483 010 000	Armature plate ass'y.	1	1	39	1465 011 001	Spark plug connector ass'y. including: 1 x 1439 014 000 spring 1 x 1442 006 000 union nut 1 x 1465 011 000 spark plug connector	1	1
10	0940 120 200	Screw, Philips type, 1.6 x 10	4	4					
11	0260 128 001	Insulating hose (black) 60 mm (2.362 in.)	1	1	40	0960 022 000	Rubber socket	1	1
	0260 128 003	Insulating hose (yellow) 60 mm (2.362 in.)	2	2					
12	0299 059 009	Lighting cable (yellow) indicate length	2	2					
13	1483 012 100	Ground cable ass'y.	1	1					
14	0665 016 101	Ignition cable, indicate length	1	1					

Plate 3

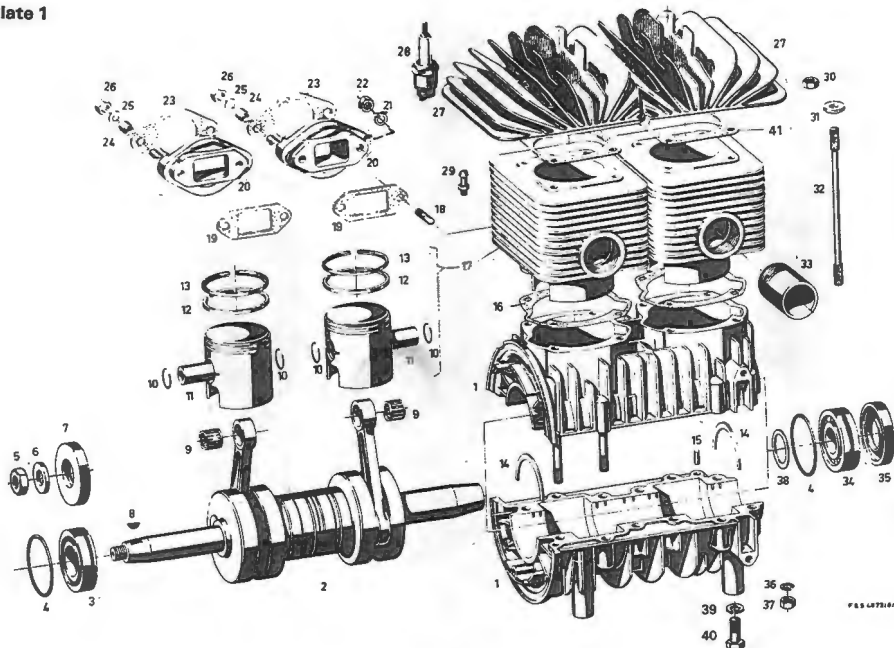
Recoil starter



Ill. No.	Part Number	Description	SA 290 R SA 340 R		Ill. No.	Part Number	Description	Pieces
			Pieces					
1	3670 008 001	Recoil starter, anti-clockwise rotation	1	1				
2	3670 008 000	Recoil starter ass'y, anti-clockwise rotation	1	1				
3	0940 008 001	Fillister head screw M 6 x 15	4	4				
4	0245 023 002	Spring washer for M 6	4	4				
5	3644 012 000	Labyrinth washer	1	1				
6	1470 005 001	Rope ass'y. with solder nipple	1	1				
7	1452 020 000	Clamping cone	1	1				
8	1452 019 000	Clamping ring	1	1				
9	1452 017 000	Starter handle	1	1				
10	1452 016 000	Buffer	1	1				
11	1447 011 000	Dowel sleeve	2	2				
12	3652 002 000	Rope guide	1	1				
13	0244 054 002	Shim 5.3 x 10 x 1	2	2				
14	3640 008 001	Cylindrical tap M 5 x 15	2	2				
15	3670 007 000	Starter housing	1	1				
16	3652 003 000	Centering piece	1	1				
17	1444 021 002	Shim 41.6 x 54 x 0.8	1	1				
18	1439 010 001	Spiral spring	1	1				
19	3652 001 000	Rope pulley	1	1				
20	1452 018 000	Starter pawl	2	2				
21	1444 021 000	Shim 41.6 x 54 x 0.1	1	1				
22	1452 021 000	Brake disc	1	1				
23	1445 011 000	Spring washer	1	1				
24	1444 021 000	Shim 41.6 x 54 x 0.1	x	x				
	1444 021 001	Shim 41.6 x 54 x 0.3						
	1444 021 002	Shim 41.6 x 54 x 0.8						
25	1439 011 000	Brake spring	1	1				
	1463 010 000	Plate for recoil starter English/French	1	1				
x = as required								

Crankcase, Crankshaft, Cylinder

Plate 1

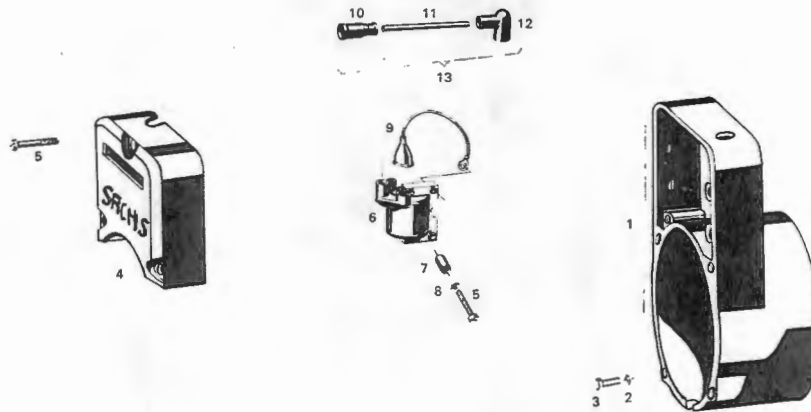


			SA 2-440 R						SA 2-440 R		
No. de l'ill.	A commander sous No.	Désignation	Pièces	No. de l'ill.	A commander sous No.	Désignation	Pièces	No. de l'ill.	A commander sous No.	Désignation	Pièces
1	3687 002 100	crankcase	1	31	3644 004 000	shim 8.4x20x3.5	8	31	3644 004 000	shim 8.4x20x3.5	8
2	3688 007 300	crank	1	32	3640 003 001	stud m8x140	8	32	3640 003 001	stud m8x140	8
3	3632 009 001	BEARING 6305c3 din 625	1	33	3673 001 001	exhaust pipe	2	33	3673 001 001	exhaust pipe	2
4	2011 156 100	"o" ring	1	34	3632 013 001	bearing 3206 ne 3	1	34	3632 013 001	bearing 3206 ne 3	1
5	0942 020 100	nut m14x1.5	1	35	3630 001 000	seal 28.4x62x10	1	35	3630 001 000	seal 28.4x62x10	1
6	3644 002 100	shim 15x30x5	1	36	0245 023 003	spring washer m8	12	36	0245 023 003	spring washer m8	12
7	3630 004 000	seal 23.6x62x10	1	37	2842 003 004	net m8	12	37	2842 003 004	net m8	12
8	0246 001 001	woodruff key 3x5	1	38	0944 058 002	shim 30.4x40.5x0.3	x	38	0944 058 002	shim 30.4x40.5x0.3	x
9	36 32 011 000	piston pin bearing	2	39	0944 058 004	shim 30.4x40.5x0.5	4	39	0944 058 004	shim 30.4x40.5x0.5	4
10	3645 005 000	circclip	4	40	0944 058 005	shim 30.4x40.5x0.6	4	40	0944 058 005	shim 30.4x40.5x0.6	4
11	3616 001 000	piston pin	2	41	0944 058 006	shim 30.4x40.5x0.2	4	41	0944 058 006	shim 30.4x40.5x0.2	4
12	3615 005 000	ring 67.5	2		0245 023 004	spring washer m10	4		0245 023 004	spring washer m10	4
13	3615 004 000	"L" ring 67.5	2		0941 056 000	bolt m10x45	4		0941 056 000	bolt m10x45	4
14	3644 008 000	washer	2		0240 064 000	bolt m10x40	4		0240 064 000	bolt m10x40	4
15	3649 003 000	pin 6x12	2		0941 052 000	bolt m10x30	4		0941 052 000	bolt m10x30	4
16	3650 003 000	base gasket	2		1815 124 000	bolt m10x25	4		1815 124 000	bolt m10x25	4
17	3687 004 006	cylinder & piston assy.	2		3650 004 000	head gasket	4		3650 004 000	head gasket	4
18	3686 008 004	piston only	2								
19	0240 001 101	stud m6x16	4								
20	3650 005 000	intake gasket	2								
21	3667 007 001	intake manifold	2								
22	0245 023 002	spring washer m6	4								
23	0316 057 000	nut m6	4								
24	1450 034 000	gasket	2								
25	1447 006 001	insulating bush	2								
26	0644 012 000	spring washer	4								
27	0316 057 000	nut m6	4								
28	3613 003 101	head	2								
29	3665 013 001	spark plug w-260 t 1	2								
30	1440 026 000	impulse fitting	2								
31	2842 003 004	nut m8	8								
43			43								

H

Plate 2

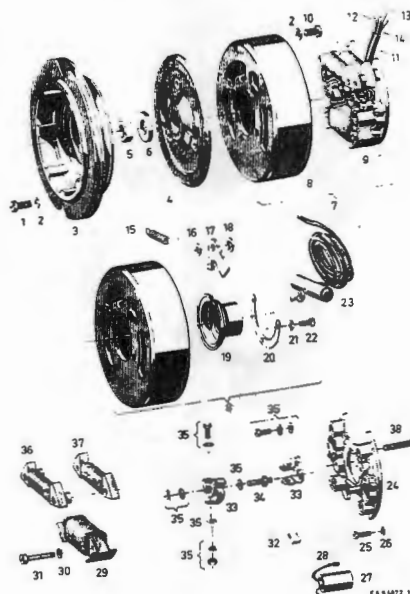
Magneto housing



No. de l'ill.	A commander sous No.	Désignation	Pièces	No. de l'ill.	A commander sous No.	Désignation	Pièces
1	3611 029 100	magneto housing	1				
2	0245 023 003	washer m8	4				
3	0941 054 000	screw m8x25	4				
	1440 002 001	screw m8x25	4				
4	3611 030 000	coil cover	1				
	3665 011 000	plug connector	1				
	3640 007 001	bolt 3mx15	2				
5	2840 025 001	bolt 5mx55	7				
6	0283 109 000	ignition coil	2				
	0242 024 002	spring washer m5	1				
7	0947 116 000	dowel sleeve	4				
8	0245 023 001	spring washer m5	3				
9	3683 002 001	ground cable assy.	2				
	3683 005 001	cable	2				
	3665 012 000	plug protector	2				
	3665 010 100	connector	2				
10	0265 150 000	cap protector	2				
11	0665 016 101	ignition cable	2				
12	1465 011 001	spark plug connector assy.	2				
13	1483 016 001	ignition cable assy.	2				
	1440 037 201	screw m6x40	1				
5				44			

Plate 3

Magneto-generator 12 V - 40 W

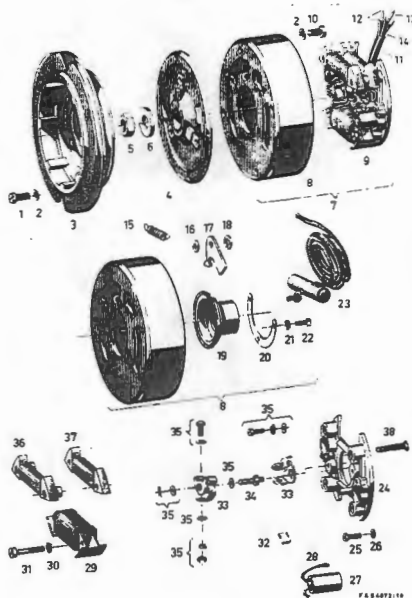


No. de l'ill.	A commander sous No.	Designation	SA 2-440 R		No. de l'ill.	A commander sous No.	Designation	SA 2-440 R	
			Pièces					Pièces	
1	0940 008 003	screw m6x15	3		32	3665 007 000	lubricating pad	1	
2	0245 023 002	spring washer m6	33		33	0983 106 000	set of contact breakers	2	
3	3656 005 100	v-belt pulley	7		34	0240 066 009	pivot pin	2	
4	3611 003 201	flange hub	1		35	0283 107 000	breaker spare parts	2	
5	0942 020 100	nut m14x1.5	1		36	3665 004 002	ignition armature (front)	1	
6	3644 002 100	washer 15x30x5	1		37	3665 004 003	ignition armature (rear)	1	
7	3683 004 005	magneto complete 12v 40w 0 212 416 019	1		38	2840 028 002	screw	2	
8	3665 003 002	mag ring	1						
9	3683 006 001	armature base plate assy.	1						
10	0940 120 200	screw am6x10	4						
11	3665 001 001	insulating hose 8xo.7	1						
12	0299 059 009	lighting wire yellow	2						
13	2783 020 000	earth cable assy. brown	1						
	0265 152 000	terminal	3						
14	0965 108 001	generator cable blue	1						
	0299 059 011	generator cable blue & yellow	1						
15	1439 008 000	spring	1						
16	3644 005 001	washer	1						
17	1465 018 000	flyweight	1						
18	1445 016 000	spring washer	1						
19	3623 002 000	cam	1						
20	1447 018 000	ring for cam	1						
21	0245 023 000	spring washer	3						
22	2015 142 000	screw m4x5	3						
23	0986 518 101	starter rope with handle	1						
24	3665 006 000	armature base plate only	1						
25	0240 076 000	screw m5x15	2						
26	0244 054 002	washer 5.3x10x10	2						
27	0965 091 000	CONDENSER	2						
28									
29	3665 005 001	GENERATING ARMATURE	1						
30	0245 023 001	spring washer m5	2						
31	0940 123 000	bolt	2						
			45						

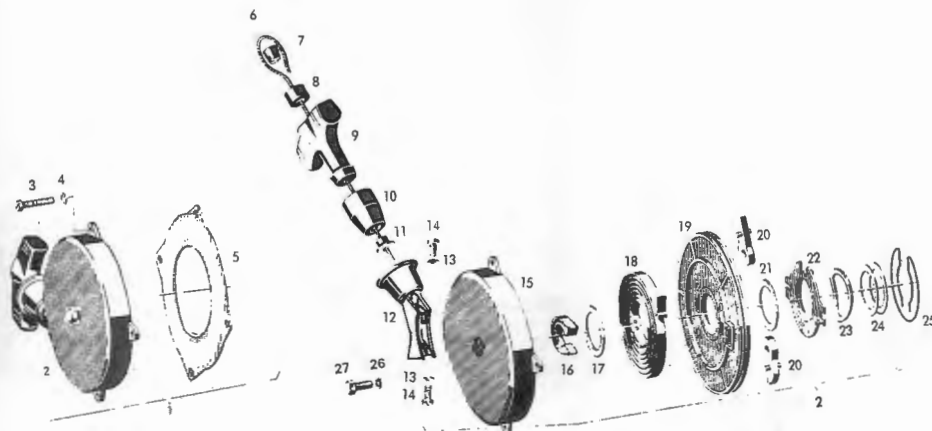
H

Plate 4

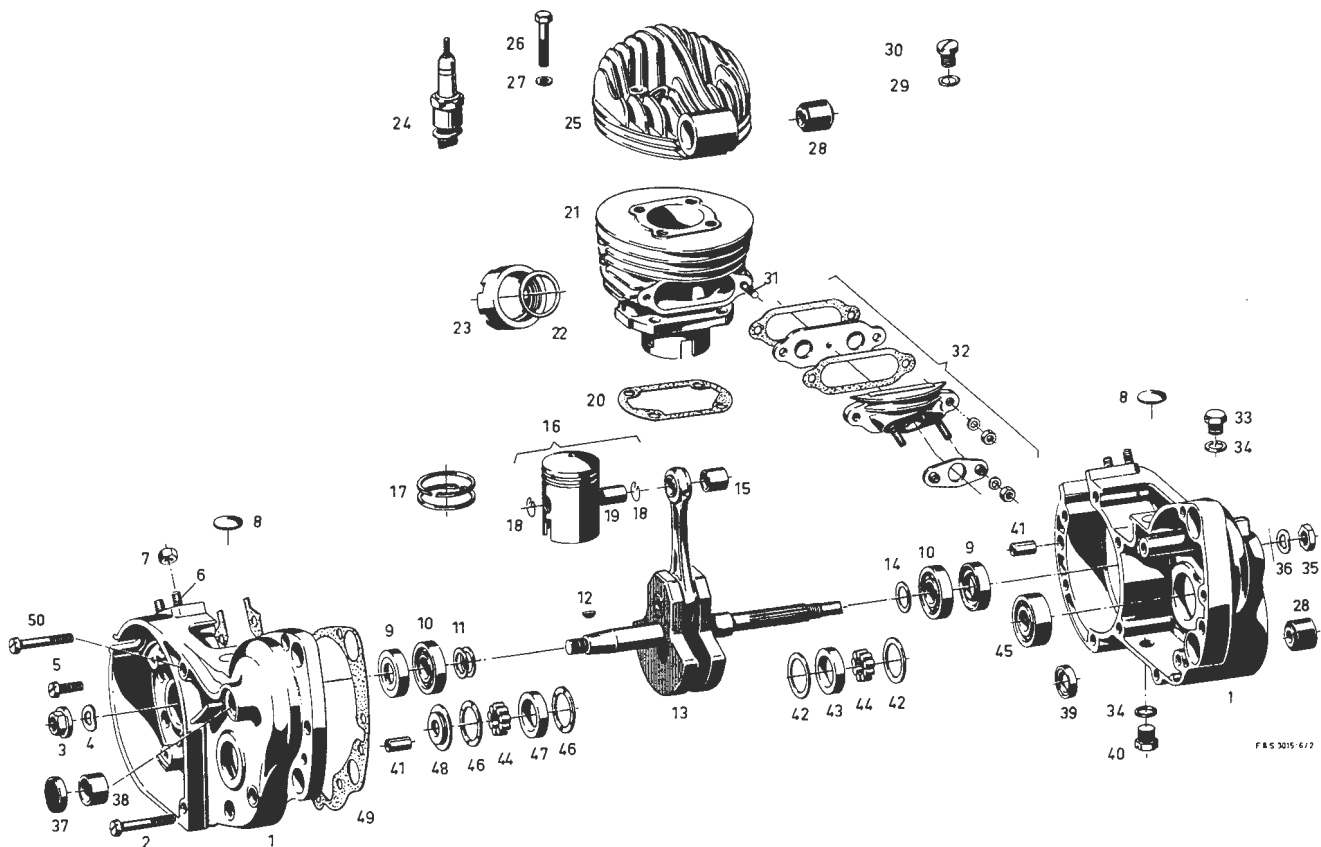
Magneto-generator 12 V - 75 W



No. de l'ill.	A commander sous No.	Désignation	SA 2-440 R		No. de l'ill.	A commander sous No.	Désignation	SA 2-440 R	
			Pièces					Pièces	
1	0940 008 003	screw m6x15	3	30	0245 023 001		spring washer m5	2	
2	0245 023 002	spring washer m6	7	31	0940 123 000		bolt	2	
3	3656 003 000	v-belt pulley	1	32	3665 007 000		lubricating pad	1	
4	3611 003 101	flange hub	1	33	0983 106 000		set of contact breakers	2	
5	0942 020 100	nut m14x1.5	1	34	0240 066 009		pivot pin	2	
6	3644 002 100	washer 15x30x5	1	35	0283 107 000		breaker spare parts	2	
7	3683 004 000	magneto complete 12v 75w 0 212 416 016	1	36	3665 004 000		ignition armature (front)	1	
8	3665 003 000	mag ring	1	37	3665 004 001		ignition armature (rear)	1	
9	3683 006 000	armature base plate assy.	1	38	2840 028 002		screw	2	
10	0940 120 200	screw am6x10	4		1465 015 000		lighting ignition & starter switch	1	
11	3665 001 001	insulating hose 8x0.7	1						
12	0299 059 009	lighting wire yellow	2						
13	2783 020 000	earth cable assy. brown	1						
	0265 152 000	terminal	3						
14	0965 108 001	generator cable blue	1						
	0299 059 011	generator cable blue & yellow	1						
15	1439 008 000	spring	1						
16	3644 005 000	washer	1						
17	1465 018 000	flyweight	1						
18	1445 016 000	spring washer	1						
19	3623 002 000	cam	1						
20	1447 018 000	ring for cam	1						
21	0245 023 000	spring washer	3						
22	2015 142 000	screw m4x5	3						
23	0986 518 101	starter rope with handle	1						
24	3665 006 000	armature base plate only	1						
25	0240 076 000	screw m5x15	2						
26	0244 054 002	washer 5.3x10x10	2						
27	0965 091 000	condenser	2						
28									
29	3665 005 000	generating armature	1						



No. de l'ill.	A commander sous No.	Désignation	Pièces	No. de l'ill.	A commander sous No.	Désignation	Pièces
1	3670 008 003	recoil starter assy.	1				
2	3670 008 002	recoil starter	1				
3	0940 008 001	bolt m6x15	4				
4	0245 023 002	washer m6	4				
5			+				
6	1470 005 001	starter rope	1				
7	1452 020 000	clamping cone	1				
8	1452 019 000	clamping ring	1				
9	1452 017 000	handle	1				
10	1452 016 000	buffer	1				
11	1447 011 000	dowel sleeve	2				
12	3652 002 000	rope guide	1				
13	0244 054 002	shim 5.3x10x1	2				
14	3640 008 001	screw m5x15	2				
15	3670 007 002	starter housing	1				
16	3652 003 000	centering piece	1				
17	1444 021 002	shim 41.6x54x0.8	1				
18	1439 010 001	recoil spring	1				
19	3652 001 100	rope pulley	1				
20	1452 018 000	starter pawl	2				
21	1444 021 000	shim 41.6x54x0.1	1				
22	1452 021 000	brake disc	1				
23	1445 011 000	spring washer	1				
24	1444 021 000	shim (41.6x54x0.1)					
	1444 021 001	shim (41.6x54x0.3)	x				
	1444 021 002	shim (41.6x54x0.8)					
25	1439 011 000	brake spring	1				
26	0245 023 003	washer m8	1				
27	1815 007 000	bolt m8x20	1				
	1463 010 000	plate for recoil starter	1				

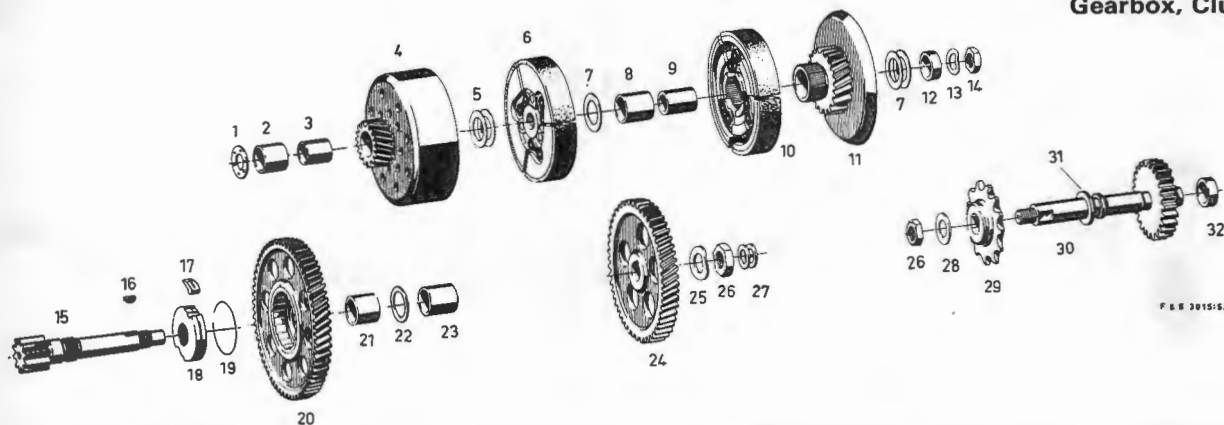


F&S 3015 6/7

Illustr. No.	Part Number	Description	Pieces	Illustr. No.	Part Number	Description	Pieces
1	0287 108 138	Crankcase ass'y. with 2 dowel tubes, 1 crankcase gasket and 4 studs	1	28	0260 101 000	Rubber mounting bush 8.6×19.4×19	6
2	0241 040 000	Fillister head screw M 6×38	3	29	0260 101 001	Rubber mounting bush 8.6×20×19 (for repairs)	1
3	0942 072 100	Collar nut M 10×1	1	30	0230 015 000	Sealing washer 10×14×1.5	1
4	0245 022 000	Spring washer for M 10	1	31	0241 053 100	Screw M 10×12	1
5	0640 001 002	Fillister head screw M 6×22	7	31	0640 016 101	Stud M 5×16	4
6	0940 011 101	Stud M 6×14	4	32	Diaphragm, see page 51		
7	0316 057 002	Nut M 6	4	33	0240 129 000	Air vent plug M 10×1	1
8	0244 114 000	Plug	2	34	0241 030 005	Air vent plug M 12×1 (for repairs)	1
9	0250 090 000	Seal 15×30×7	2	34	0250 042 001	Sealing washer 10.2×15.9×1	2
10	0232 017 006	Ball bearing, magneto type, E 15 DIN 615	2	35	0250 118 000	Sealing washer 12.2×15.4×1.5 (for repairs)	1
11	0246 009 000	Shim 15.3×20, thickness	x	36	0242 102 001	Nut M 10×1	1
12	0246 005 000	Key 3×3.7	1	36	0946 002 000	Spring washer for M 10	1
13	0286 346 000	Crankshaft	1	37	0270 112 000	Plug	1
14	0246 009 002	Washer 15.3×20×1	1	38	Cancelled		
15	0232 038 015	Bush 12×15×12	1	39	0246 018 000	Plate, locating	2
16	0290 058 015	Piston ass'y., ø 38.0 mm	1	40	0240 100 000	Oil drain plug M 10×1	1
	0290 058 016	Piston ass'y., ø 38.3 mm	1		0241 029 005	Oil drain plug M 12×1 (for repairs)	1
	0290 058 017	Piston ass'y., ø 38.6 mm	1	41	0929 009 000	Dowel tube 8.5×15	2
	0290 058 018	Piston ass'y., ø 38.9 mm	1	42	0244 039 000	Washer 13.5×28×1	2
	0290 058 019	Piston ass'y., ø 39.2 mm	1	43	0232 012 000	Outer race of cylindrical roller bearing 21×28×6	1
17	0215 009 000	Piston ring ø 38.0 mm standard	1	44	0232 002 000	Cylindrical roller 4×6	28
	0215 010 000	Piston ring ø 38.3 mm 1st rebore	1	45	0932 035 006	Deep groove ball bearing 6203 C4 DIN 625	1
	0215 010 001	Piston ring ø 38.6 mm 2nd rebore	1	46	0244 078 000	Washer 16.5×31.3×1	2
	0215 010 002	Piston ring ø 38.9 mm 3rd rebore	1	47	0232 049 000	Outer race of cylindrical roller bearing 23.5×31.5×6	1
	0215 010 003	Piston ring ø 39.2 mm 4th rebore	1				
18	0245 000 000	Circlips	2	48	0230 011 000	Oil seal 14.75×31.5×3.5	1
19	0216 003 105	Gudgeon pin	1	49	0250 088 100	Crankcase gasket	1
20	0250 086 105	Gasket	1	50	0941 066 000	Fillister head screw M 6×42	1
21	0286 238 100	Cylinder ass'y.	1	0286.125.020 GASKET SET			
22	0250 009 003	Seal 26×32×2.5	1				
23	0242 048 101	Union nut M 35×2	1				
24	0298 087 009	Spark plug W 225 T 1	1				
25	0213 121 100	Cylinder head	1				
26	0240 093 001	Hexagon head bolt M 6×30	4				
27	0244 021 000	Washer 6.2×14×1.5	4				

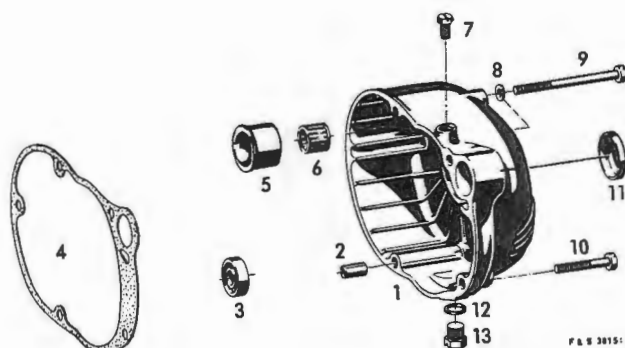
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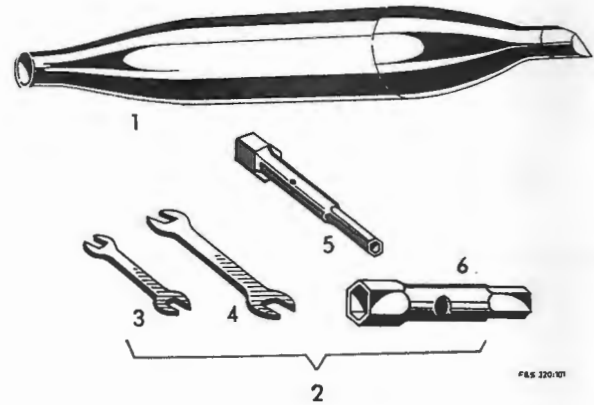
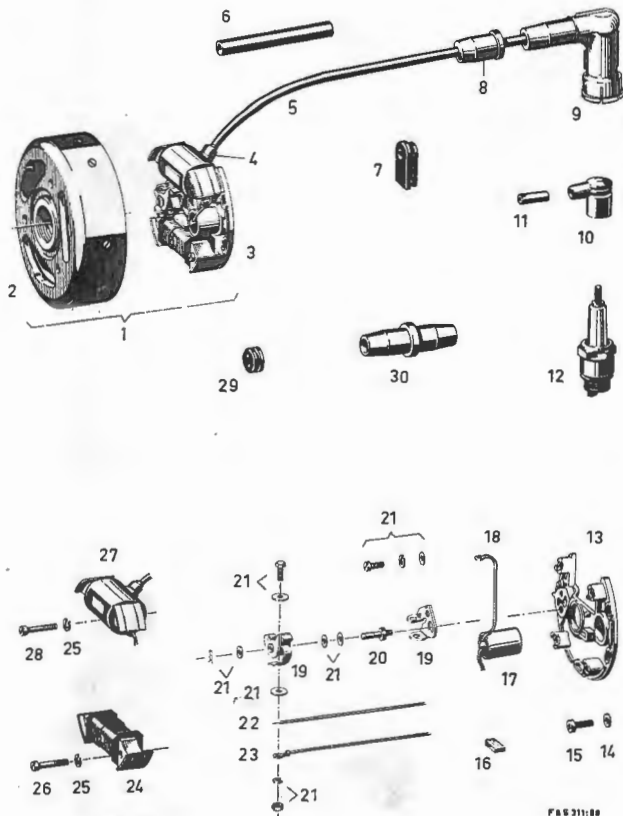
Cover-clutch side

II



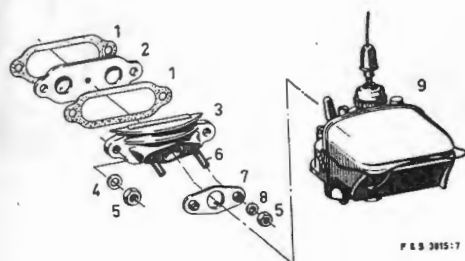
Illustr. No.	Part Number	Description	Pieces	Illustr. No.	Part Number	Description	Pieces
I		Gearbox, Clutch		29	0236 103 000	Sprocket 13 teeth	1
1	0244 112 000	Washer 11.9×23×1	1	30	0286 329 203	Mainshaft ass'y., consisting of:	1
2	0232 141 000	Bush 16×18×15 (bronze)	1			1×0237 111 201 mainshaft	
3	0232 132 001	Bush 11.7×16×16.5 (steel)	1			1×0234 111 000 fixed gearwheel 25 teeth	
4	0286 334 000	Clutch case, 17 teeth, to be used only in conjunction with gear wheel 0286 330 000, 60 teeth, illustr. 20	1	31	0244 081 000	Shim 15.7×21, thickness see page 11	x
		1st version		32	0247 000 000	Bush 13.1×17×6	1
	0286 334 001	Clutch case, 15 teeth, to be used only in conjunction with gear wheel 0286 330 002, 61 teeth, illustr. 20	1	II		Crankcase cover on clutch side	
		2nd version		1	0211 129 001	Crankcase cover on clutch side	1
5	0246 015 000	Shim 16.3×25.8, thickness see page 11	x		0286 347 003	Crankcase cover on clutch side consisting of illustr. 1, 3, 5...7 and 11	1
6	0286 349 000	Centrifugal clutch, 1st gear	1	2	0229 000 000	Dowel tube 8.5×7.3	2
7	0246 015 001	Shim 16.3×25.8, thickness see page 11	x	3	0232 139 001	Deep groove ball bearing 6000 C4 DIN 625	1
8	0232 141 001	Bush 16×18×18.3 (bronze)	1	4	0250 087 100	Gasket	1
9	0232 132 000	Bush 11.7×16×20 (steel)	1	5	0247 114 000	Bush	1
10	0286 349 010	Centrifugal clutch 2nd gear	1	6	0232 137 000	Needle cage HK 0810	1
11	0284 008 000	Sliding gear	1	7	0240 131 002	Fillister head screw M 6×8	1
12	0247 112 000	Bush 12.3×20×6.5	1	8	0250 112 100	Sealing ring 6.2×11.4×1	2
13	0946 002 000	Spring washer for M 10	1	9	0940 128 202	Fillister head screw M 6×75	3
14	0242 102 001	Nut M 10×1	2	10	0241 040 001	Fillister head screw M 6×38	2
15	0237 123 103	Layshaft	1	11	0270 030 000	Plug	1
16	0246 005 000	Key 3×3.7	1	12	0250 118 000	Sealing washer 12.2×15.4×1.5	1
17	0248 142 000	Pawl	2	13	0240 095 105	Oil drain plug M 12×1	1
18	0286 370 000	Pawl carrier, including illustr. 17 and 19	1				
19	0512 103 000	Circlip	1				
20	0286 330 000	Gear wheel 60 teeth	1				
	0286 330 002	Gear wheel 61 teeth	1				
21	0232 133 001	Bush 13×20×14.3	1				
22	0244 039 000	Washer 13.5×28×1	2				
23	0247 119 000	Bush 13.6×18×20	1				
24	0234 137 100	Fixed gear wheel 53 teeth	1				
25	0644 010 000	Spring washer for Ø 12 mm	1				
26	0642 005 101	Nut M 12×1	2				
27	0244 044 000	Shim 10.2×15, thickness see page 11	x				
28	0246 056 000	Washer 12×22×1.5	1				

x — as required

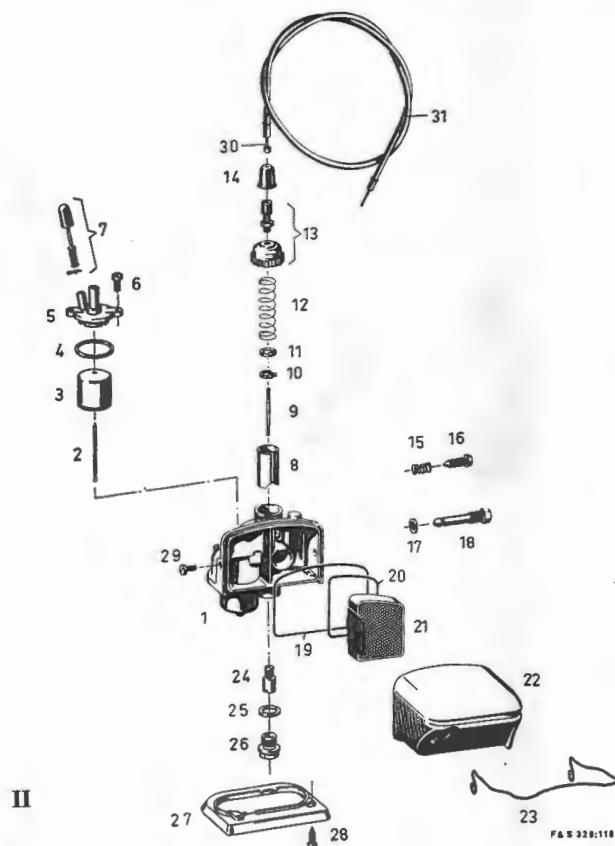


II

Illustr. No.	Part Number	Description	Pieces	Illustr. No.	Part Number	Description	Pieces
I		Magneto-generator		II		Muffler, Tools	
1	0286 258 100	Magneto-generator ass'y., 6 Volt - 29 Watt ... Bosch Ref.: 0242 120 004	1	1	0273 102 002	Muffler, $\varnothing$ 65, chromium plated ... 805 mm long, connecting dia. 28 mm	1
2	0286 253 015	Magneto flywheel	1		0251 100 003	Clip $\varnothing$ 65, chromium plated	1
3	0286 254 005	Armature plate Ass'y.	1	2	0278 012 105	Tool set, consisting of illustr. 3...6	1
4	2865 003 000	Cap, protective against rain	1	3	0977 016 200	Spanner, double-ended, 7 mm and 8 mm	1
5	0965 133 001	Ignition cable, please quote required length	1	4	0276 111 000	Spanner, double-ended, 9 mm and 11 mm	1
6	0260 121 001	Insulating hose	1	5	0976 005 100	Box spanner 10 mm and 14 mm	1
7	0260 018 100	Rubber grommet	1	6	0976 004 100	Box spanner 21 mm and 26 mm	1
8		Cancelled					
9		Cancelled					
10	1465 011 001	Spark plug connector with spring and connecting nut	1				
11	0960 116 000	Bush	1				
12	0298 087 009	Spark plug W 225 T 1	1				
13	0265 140 005	Armature plate	1				
14	0244 108 000	Washer	3				
15	0240 106 100	Screw M 4 x 14	3				
16	2865 008 000	Lubricating felt	1				
17	0265 052 003	Condenser	1				
18	0265 077 001	Connecting cable for condenser	1				
19	0983 106 000	Set of contact breaker points	1				
20	0240 066 009	Pivot pin	1				
21	0283 107 000	Set of spares for fixing the contact breaker	1				
22	0299 059 009	Lighting cable } quote required	1				
23	1483 009 000	Short-circuiting cable } length	1				
24	0265 141 000	Generating armature	1				
25	0245 023 000	Spring washer for M 4	4				
26	0240 122 000	Fillister head screw M 4 x 30	2				
27	0265 142 001	Ignition armature	1				
28	0240 105 000	Fillister head screw M 4 x 21	2				
29	0260 020 000	Rubber grommet	1				
30	0265 073 000	Cable terminal	2				

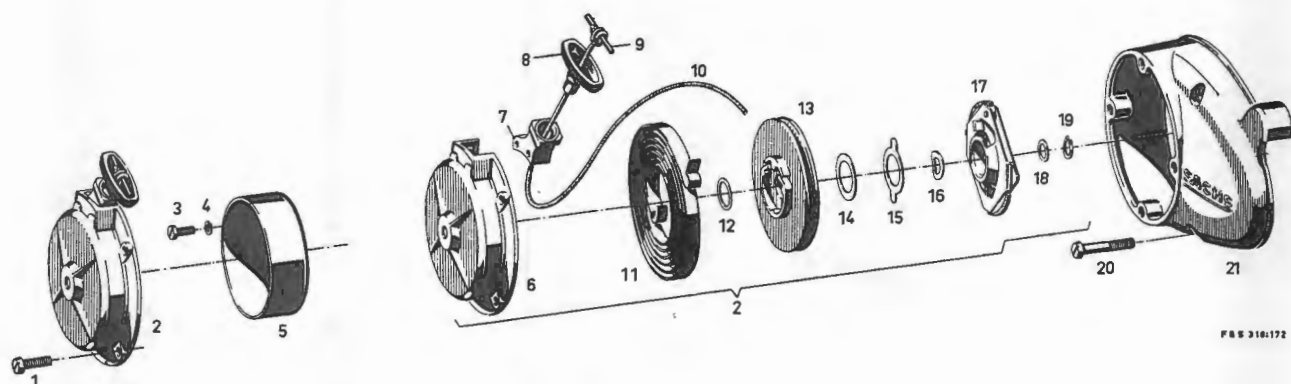


I



II

Illustr. No.	Part Number	Description	Pieces	Illustr. No.	Part Number	Description	Pieces
I		Carburettor		II		Carburettor spare parts	
1	0250 106 000	Gasket	2	1	0281 103 110	Carburettor body ass'y. with throttle slide, adjusting screw and spring	1
2	0286 213 010	Intermediate plate	1	2	0261 004 000	Float needle	1
3	0286 210 001	Intermediate flange with 2 studs M 5×16	1	3	0261 003 001	Float	1
4	0244 054 002	Washer 5.3×10×1	2	4	0261 016 000	Sealing ring	1
5	0242 024 002	Nut M 5	4	5	0261 002 001	Float chamber cover	1
6	0640 016 101	Stud M 5×16	4	6	0261 019 000	Fillister head screw	2
7	0250 105 000	Gasket	1	7	0286 305 000	Tickler	1
8	0250 089 000	Insulating washer	2	8	0261 007 102	Throttle slide 14	1
9	0281 105 006	Carburettor (1/12/167), with control cable	1	9	0261 006 003	Jet needle, needle position III	1
				10	0261 018 000	Retaining plate	1
				11	0244 109 000	Washer	1
				12	0261 017 000	Thrust spring	1
				13	0289 062 005	Cover with adjusting screw and nut	1
				14	0260 024 001	Cap, protective	1
				15	0962 090 000	Spring	1
				16	0962 065 000	Adjusting spring	1
				17	0250 134 000	Sealing ring	1
				18	0261 012 006	Jet, size 64	1
					0261 012 004	Jet, size 62	1
				19	0261 055 000	Sealing ring for air cleaner cover	1
				20	0261 056 000	Sealing ring for air cleaner	1
				21	0261 052 005	Air cleaner	1
				22	0261 109 005	Air cleaner cover	1
				23	0261 053 005	Stirrup	1
				24	0261 011 010	Needle jet, size 1717	1
				25	0261 021 000	Sealing ring	1
				26	0261 010 000	Plug	1
				27	0250 104 100	Plate, closing	1
				28	0240 117 000	Screw 3.5×13	2
				29		Cancelled	
				30	0291 004 000	Control wire with solder nipple	1
				31	0299 042 010	Outer cable, silver colour	1
						} please quote required length	



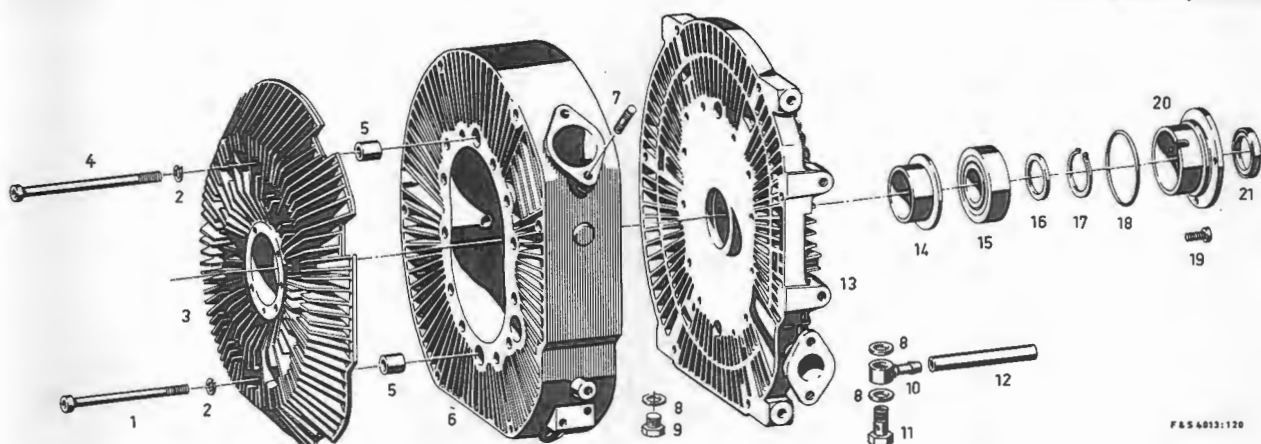
P 8 310172

Illustr. No.	Part Number	Description	Pieces	Illustr. No.	Part Number	Description	Pieces
1	0240 059 102	Recoil starter		13	2852 019 200	Cable pulley	1
2	2870 059 305	Fillister head screw M 6×18	4	14	2844 011 001	Washer 22.2×32×0.3	1
		Recoil starter ass'y., consisting of illustr. 6...19	1	15	2844 017 000	Profile washer	1
3	0240 131 002	Fillister head screw M 6×8	3	16	2845 003 000	Spring washer for Ø 10	1
4	0245 023 002	Spring washer for M 6	3	17	2870 057 105	Brake disc ass'y.	1
5	0970 135 200	Drive drum	1	18	0244 044 000	Shim 10.2×15, thickness	x
6	2811 030 100	Starter housing	1	19	0245 019 000	Circlip for Ø 10	1
7	2852 021 300	Cable guide	1	20	0941 066 001	Fillister head screw M 6×42	2
8	2852 020 000	Starter handle	1		0640 001 001	Fillister head screw M 6×22	1
9	0949 086 000	Retaining pin	1	21	0211 131 200	Crankcase cover	1
10	2863 004 101	Cable	1		0999 007 301	Instruction label, without illustration	1
11	2839 009 000	Spiral spring	1				
12	0944 120 001	Shim 16.2×22, thickness see page 10	x				

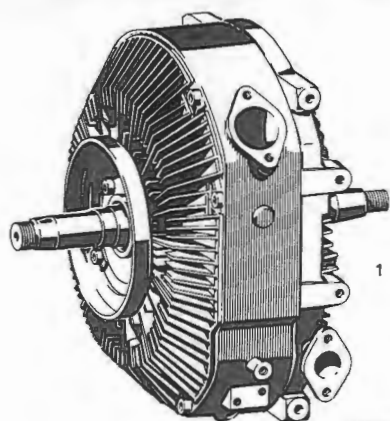
Dimensions of shims

Part. No.	Dimensions	Part. No.	Dimensions	Part. No.	Dimensions
0244 044 000	10.2×15×1.0	0244 058 000	17.5×24×0.1	0246 009 000	15.3×20×0.3
0244 044 001	10.2×15×0.8	0244 058 001	17.5×24×0.15	0246 009 001	15.3×20×0.5
0244 044 002	10.2×15×0.3	0244 058 002	17.5×24×0.3	0246 009 002	15.3×20×1.0
0244 044 003	10.2×15×0.15	0244 058 003	17.5×24×0.5	0246 009 003	15.3×20×0.1
		0244 058 004	17.5×24×0.8	0246 009 004	15.3×20×0.15
				0246 009 005	15.3×20×0.8
		0244 081 000	15.7×21×0.3	0246 015 000	16.3×25.8×0.3
		0244 081 001	15.7×21×0.4	0246 015 001	16.3×25.8×0.5
		0244 081 002	15.7×21×0.5	0246 015 002	16.3×25.8×1.0
		0244 081 003	15.7×21×0.6	0246 015 003	16.3×25.8×0.15
		0244 081 005	15.7×21×0.8		
		0244 081 006	15.7×21×1.0	0944 120 001	16.2×22×0.5
				0944 120 002	16.2×22×1.0

x = as required



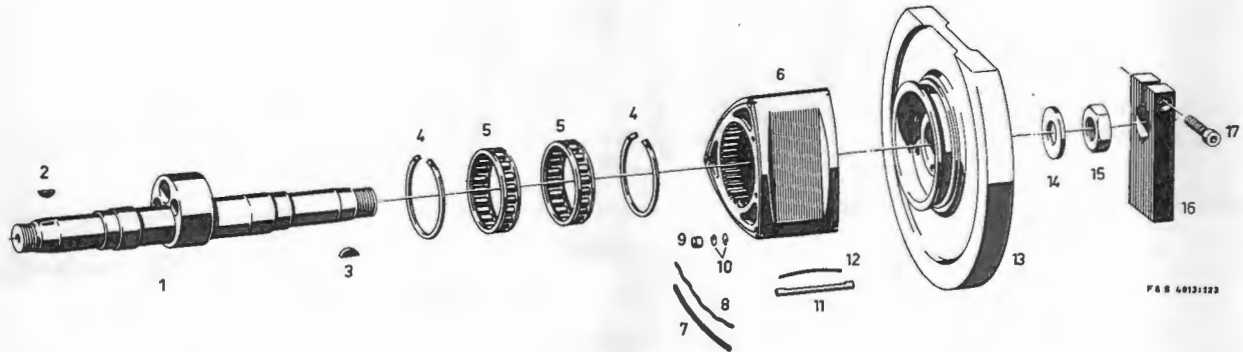
Short exchange engine



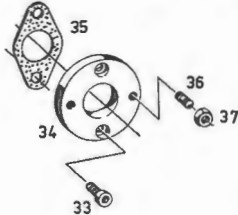
Illustr. No.	Part Number	Description	KM 914 A	KM 914 B
			Pieces	Pieces
I		End covers, Rotor housing		
1	+2740 050 001	Screw, hexagon socket, M 6 x 105	2	2
2	0245 023 012	Spring washer for M 6	14	14
3	2711 027 300	Front end cover	1	1
	2787 016 000	End cover magneto-side up to engine No. 5978 332	1	1
		To be replaced with end cover magneto- side No. 2787 016 200 after deletion of stock, but only in conjunction with rotor casing assembly No. 2787 017 113 and alignment dowels 4 each No. 2749 009 100		
	2787 016 200	Front end cover ass'y., including:	1	1
		1 x 2711 027 300 front end cover		
		1 x 2734 004 000 spur pinion		
		1 x 2749 001 000 cylindrical pin		
		1 x 2732 022 000 outer ring with rollers (for replacement purposes up to engine No. 5978 332, to be used only together with housing ass'y. 2786 017 113 and 4 x 2749 009 100 Dowel tube 10 x 14 x 7)		
4	*2740 035 101	Screw, hexagon socket, M 6 x 100	14	14
5	2749 009 000	Dowel tube 10 x 14 x 15	4	4
	●2749 009 100	Dowel tube 10 x 14 x 7	4	4
6	●2786 017 113	Rotor housing ass'y., including illustr. 7...11 (for replacement purposes up to engine No. 5978 332, to be used only together with front end cover 2786 016 200 4 x 2749 009 100 Dowel tube 10 x 14 x 7)	1	1
7	0940 017 101	Stud M 8 x 20	2	2
8	●1950 023 000	Sealing ring 10.5 x 14 x 1.0	3	3
9	●0240 100 000	Screw, hexagon head, M 10 x 1	1	1
10	●0974 021 100	Fitting	1	1
11	●0240 069 000	Hollow screw M 10 x 1	1	1
12	●0972 042 011	Fuel hose, quote required length	1	1
13	2711 028 305	End cover, power take-off side	1	1
		+ = up to engine No. 5978 332 * = from engine No. 5978 333 up		

Illustr. No.	Part Number	Description	KM 914 A	KM 914 B
			Pieces	Pieces
	2787 017 205	End cover ass'y., power take-off side including illustr. 14 and 15 up to engine No. 5509 286 to be used only together with tension ring ass'y. 2786 016 005 4 x 2749 009 100 Dowel tube 10 x 14 x 7	1	1
	2747 008 000	Supporting ring	1	1
	2732 025 001	Cylindrical roller bearing NUP 206 E C3 DIN 5412	1	1
	2744 019 000	Shim 30.1 x 36, ...	x	x
	2745 005 000	Circlip for Ø 30	1	1
	2750 012 100	Sealing ring 55 x 2	1	1
	2740 024 002	Screw, hexagon socket, M 6 x 15	3	3
	2711 031 000	Tension ring, 31 mm high	1	1
	2711 031 005	Tension ring, 18 mm high	1	1
	2786 016 000	Tension ring, 31 mm high, including illustr. 18 and 21	1	1
	2786 016 005	Tension ring, 18 mm high, including illustr. 18 and 21	1	1
	2711 031 105	Tension ring, 28 mm high	1	1
	2711 031 106	Tension ring, 16 mm high version: axial support	1	1
	2750 029 000	Gasket 62.5 x 88 x 1.5 } for 2711 031 105	1	1
	1940 040 000	Screw, countersunk, } and 2711 031 106 M 6 x 18	3	3
	●2730 006 100	Seal 30 x 42 x 7	1	1
II		Short exchange engine		
1	●2796 009 215	Short exchange engine ass'y., version without fuel pump	1	1
	●2796 009 216	Short exchange engine ass'y., version with fuel pump	1	1
	●2796 009 212	Short exchange engine ass'y., eccentric shaft with thread	1	1
	●2796 009 213	Short exchange engine ass'y., eccentric shaft with tap 1/2"	1	1
		2786.025.000 gasket set		

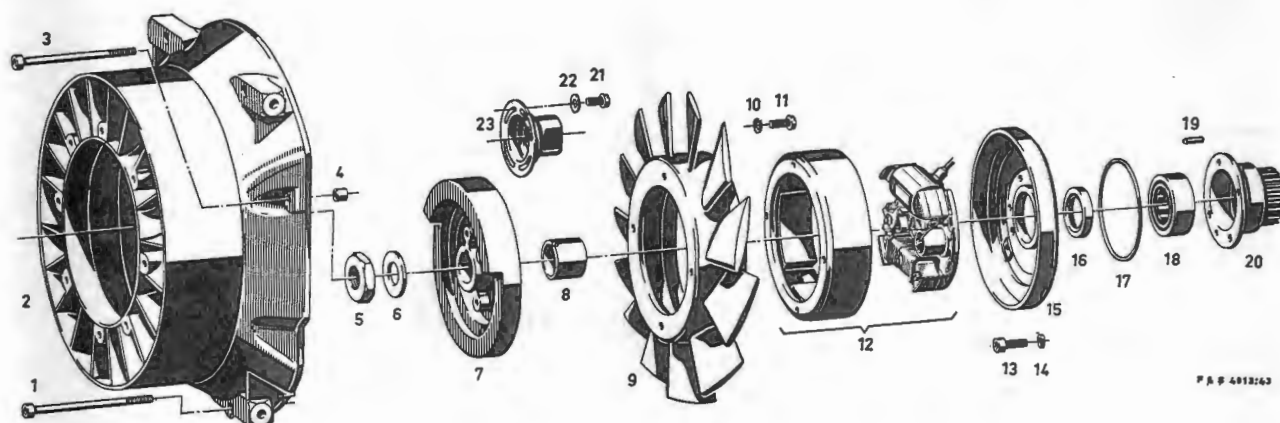
$x =$ as required



P & B 6013/123

Illustr. No.	Part Number	Description	KM 914 A	KM 914 B	Illustr. No.	Part Number	Description	KM 914 A	KM 914 B	
			Pieces	Pieces				Pieces	Pieces	
1	●2723 010 300	Eccentric shaft, length 312 mm, eccentric Ø 55 up to engine No. 5506 771 to be used only together with illustr. 6 - rotor 2786 013 200	1							
	●2723 010 301	Eccentric shaft, length 295 mm, eccentric Ø 55, power take-off side with 1/2" tap	1							
	2723 012 200	Eccentric shaft, length 277 mm eccentric Ø 55	1							
2	0946 101 000	Key 4 x 5	1	1						
3	0946 000 000	Key 5 x 6.5	1	1						
4	2745 004 100	Circlip for Ø 72	2	2						
5	●2732 013 001	Needle cage K 55 x 63 x 15 FV	2	2						
6	●2786 014 200	Rotor	1	1						
	●2786 013 200	Rotor ass'y., including illustr. 6...12	1	1						
		Rotor (illustr. 6) or Rotor ass'y. (illustr. 6...12) up to engine No. 5506 771 to be used only together with eccentric shaft 2723 010 300 (illustr. 1)			33	2740 024 002	Screw, hexagon socket head, M 6 x 15 ..	2		
					34	2777 009 000	Intermediate flange ass'y. including: 1 x 2711 032 000 intermediate flange 2 x 0940 101 202 stud M 6 x 12	1		
7	2715 011 100	Side seal	6	6						
8	2715 002 100	Spring	6	6						
	2786 023 000	Side seal with spring (illustr. 7 and 8)	6	6	35	2750 013 000	Gasket } for fixing the inter-	1		
9	2715 010 000	Link block	6	6	36	0940 101 202	Stud M 6 x 15 } mediate flange to the	2		
10	2715 009 000	Link block spring	12	12			power take-off side			
	2786 022 000	Link block with spring (illustr. 9 and 10) ..	6	6			end cover			
11	2715 015 000	Apex seal	3	3						
12	2715 014 300	Spring	3	3	37	0944 142 001	Washer 6.2 x 12 x 0.5 } for fixing the	2		
	2786 026 000	Apex seal with spring (illustr. 11 and 12)	3	3		0316 057 000	Nut M 6 } carburettor to the	2		
13	2718 010 000	Flywheel	1	1			intermediate			
14	2744 031 000	Washer 24.5 x 40 x 3	x				flange			
15	2742 004 001	Nut M 24 x 1.5	1							
16	2718 006 000	Balancing mass, bore Ø 29	1	1						
	2718 006 200	Balancing mass, bore Ø 29.8	1	1						
17	1940 039 000	Screw, hexagon socket head, M 8 x 35	1	1						

x = as required

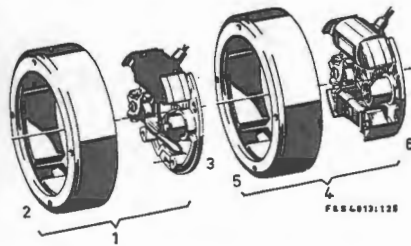


P A P 4812/63

Illustr. No.	Part Number	Description	KM 914 A	KM 914 B	Illustr. No.	Part Number	Description	KM 914 A	KM 914 B
			Pieces					Pieces	
1	2740 040 001	Screw, hexagon socket head, M 8 x 125..	6	6					
2	2711 025 101	Guide vane housing with 4 holes, version with and without starter generator		1					
	2711 025 105	Guide vane housing with 2 holes, version with and without starter generator	1						
3		will be replaced by illustr. 1							
4	2749 010 000	Dowel tube 9 x 11 x 10	2	2					
5	2742 004 001	Nut M 24 x 1.5	1	1					
6	2744 031 000	Washer 24.5 x 40 x 3	1	1					
7	2718 009 101	Flywheel	1	1					
8	2723 013 000	Cam	1	1					
9	2766 004 100	Fan	1	1					
	2766 009 000	Fan, suction type (without illustr.)		1					
10	0245 023 002	Spring washer for M 6	4	4					
11	2740 024 002	Screw, hexagon socket head, M 6 x 15 ..	4	4					
12		Magneto-generator ass'y., Plate 5/1							
13	1940 108 000	Screw, hexagon socket head, M 6 x 20 ..	4	4					
14	0250 112 100	Sealing washer 6.4 x 11.4 x 1	4	4					
15	2786 015 000	Plate ass'y., including illustr. 16	1	1					
16	2730 006 100	Seal 30 x 42 x 7	1	1					
17	2750 011 000	Sealing ring 75 x 2.7	1	1					
18	2732 022 001	Outer ring with roller cage RNU 2205 E Din 5412	1	1					
19	2749 001 000	Cylindrical pin 5 x 14	1	1					
20	2734 004 000	Pinion	1	1					
21	0940 047 000	Screw M 5 x 8		4					
22	0244 054 002	Washer 5.3 x 10 x 1.....		4					
23	0966 103 100	Cam		1					
		up to engine No. 5506 914							

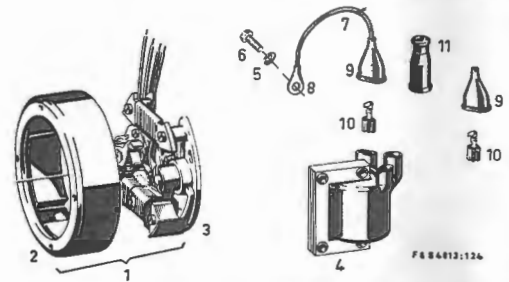
Plate 4

Magneto-generator



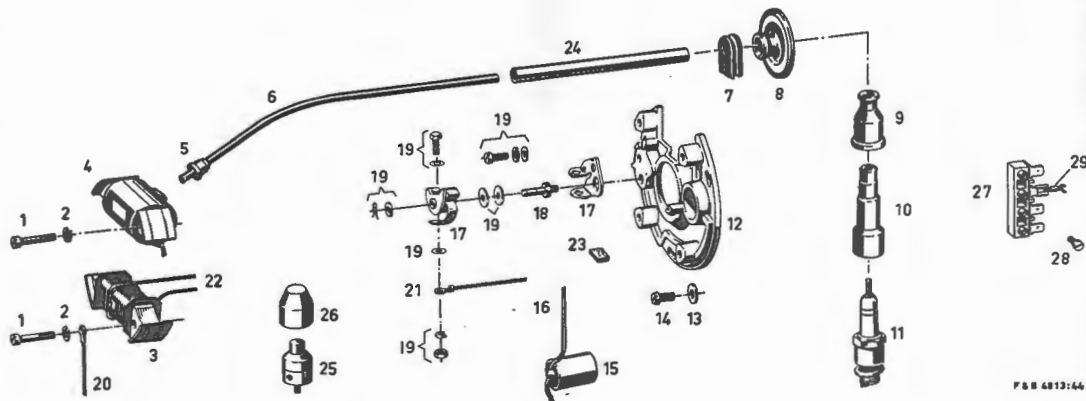
I

Magneto-generator with ignition coil fitted outside of the engine



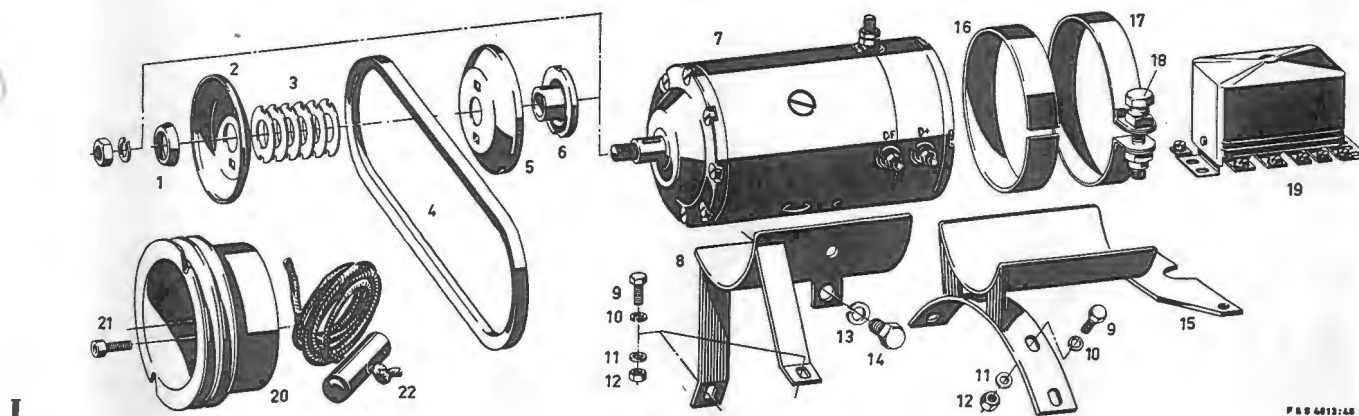
II

Magneto spare parts



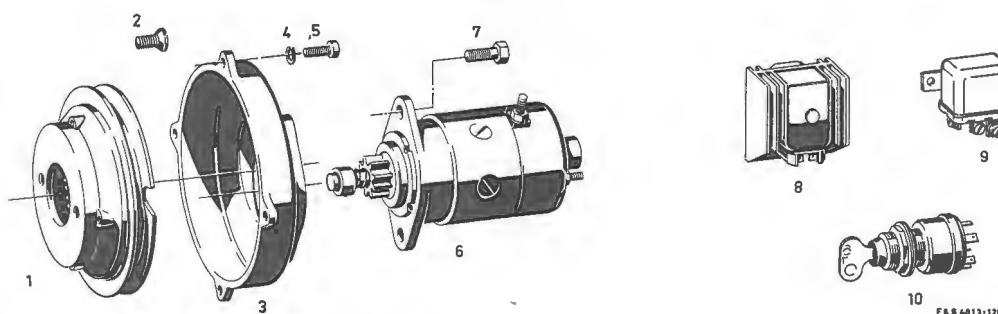
III

Illustr. No.	Part Number	Description	KM 914 A		Illustr. No.	Part Number	Description	KM 914 A		
			KM 914 A	KM 914 B				KM 914 A	KM 914 B	
			Pieces					Pieces		
I		Magneto-generator			4	0965 116 000	Generating armature for 0986 209 100 and 2783 017 100	1	1	
	1	0986 209 100 Magneto-generator ass'y., (6 Volt) BOSCH Ref. 0204 401 001 including illustr. 2 and 3	1		5	0265 150 000 Cap, protective		1	1	
	2	0986 331 000 Flywheel	1		6	0665 016 101 Ignition cable		1	1	
	3	0986 330 000 Armature plate ass'y.	1		7	0260 018 100 Rubber grommet		1	1	
	4	2783 017 100 Magneto-generator ass'y. (12 Volt, 40 Watt) BOSCH Ref. 0212 419 003 or 0212 409 022 including illustr. 5 and 6	1	1	8	2765 011 000 Cover		1	1	
					9	0265 150 000 Rubber cap for spark plug connector		1	1	
	5	2783 019 000 Flywheel	1	1	10	2765 012 000 Spark plug connector		1	1	
	6	2783 018 000 Armature plate ass'y.	1	1		2783 028 000 Spark plug connector with ignition cable, (protected against water)		1	1	
		2750 023 000 Sealing plate (protection against dust underneath the armature base plate)	1	1	11	0298 087 003 Spark plug W 150 M 11 S		1	1	
					12	0965 117 000 Armature plate		1	1	
					13	0244 054 002 Washer 5.3 x 10 x 1.0		1	1	
					14	0240 056 002 Screw M 5 x 12		1	1	
					15	0965 091 000 Condenser		1	1	
					16	0265 077 001 Connecting cable to condenser for 2783 024 000		1	1	
	II		Magneto-generator with ignition coil fitted outside of the engine				0965 120 000	Connecting cable to condenser for 0986 209 100 and 2783 017 100	1	1
		1	2783 024 000 Magneto-generator ass'y., (12 Volt, 75 Watt) BOSCH Ref. 0212 420 003, previously MZ 9/11 E 19 A including illustr. 2 and 3		1	17	0283 101 100 Contact breaker set for 2783 017 100		1	1
						0983 106 000 Contact breaker set for 0986 209 100		1	1	
2		2765 031 000 Flywheel	1			2783 039 000 Contact breaker set for 2783 024 000		1	1	
3		2783 040 000 Armature plate ass'y.	1		18	0240 066 009 Pivot pin		1	1	
4		0283 109 000 Ignition coil for 2783 024 000	1		19	0283 107 000 Set of spares for contact breaker		1	1	
5		0245 023 001 Spring washer for M 5	3		20	2783 020 000 Ground wire	quote		1	1
6		0940 112 002 Screw M 5 x 22	3		21	1483 009 000 Short-circuiting wire	required		1	1
7		3683 002 000 Ground wire ass'y., including illustr. 7, 8 and 1 of each illustr. 9 and 10	1		22	0299 059 009 Lighting cable	length		1	1
					23	0965 108 001 Generating cable for 2783 024 000		1	1	
8		0965 134 000 Terminal	1			2865 008 000 Lubricating felt for clamping		1	1	
9		0265 151 000 Cap, protective	2			0265 081 000 Lubricating felt for riveting	without			
10		0265 152 000 Terminal	1			0243 033 000 Rivet for lubricating felt	illustration			
11		0265 150 000 Cap, protective	1		24	2765 014 001 Insulating hose, length 190 mm (7.5 in.)		1	1	
III			Magneto spare parts			25	0965 154 105 Short-circuiting button	up to engine	1	1
		1	0940 123 000 Screw M 5 x 28	2	2		0960 107 000 Cap, protective	No. 5975 732	1	1
	2	0640 034 002 Screw M 5 x 18	2	4		2765 024 000 Short-circuiting button	from engine No.	1	1	
	3	0245 023 001 Spring washer for M 5	2			2765 025 000 Cap, protective	5975 733 up	1	1	
		0965 115 000 Generating armature for 2783 017 100 and 2783 024 000	1	1	27	1465 004 200 Terminal block		1	1	
					28	1440 030 201 Screw BM 4 x 12, self-tapping		2	2	
					29	0265 152 000 Terminal		4	4	



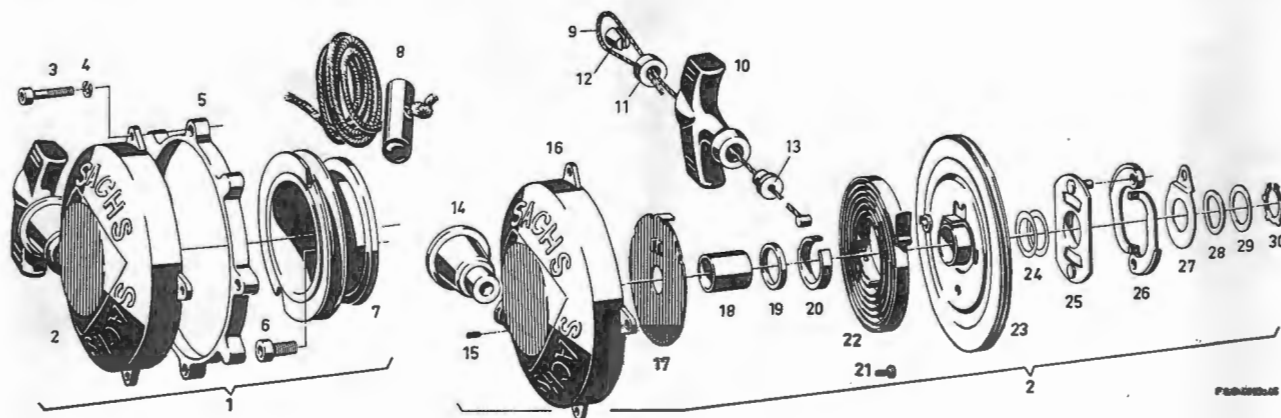
P.B. 4012:48

Electric starter (Bendix type)



P.B. 4013:128

Illustr. No.	Part Number	Description	KM 914 A	KM 914 B	Illustr. No.	Part Number	Description	KM 914 A	KM 914 B
			Pieces					Pieces	
I		Starter generator			II		Electric starter (Bendix type)		
1	0944 148 000	Thrust washer	1	1	1	●2771 008 001	Electric starter kit, including illustr. 1...10..	1	1
2	1980 018 200	V-belt pulley half	1	1	1	●2771 007 000	Starter drum	1	1
3	1944 014 100	Profile washer	6	6	2	●2740 061 001	Screw, countersunk hexagon socket head, M 8 x 15	2	2
4	2756 004 100	V-belt 10 x 670 DIN 2215 to be used together with illustr. 15		1	3	●2711 048 000	Starter housing	1	1
	2756 004 110	V-belt 9.5 x 725 DIN 7753 to be used together with illustr. 8		1	4	●0245 023 012	Spring washer for M 6	4	4
	2756 004 105	V-belt 10 x 750 DIN 2215	1		5	●1940 108 000	Screw, hexagon socket head, M 6 x 20 ..	4	4
5	1980 017 100	V-belt pulley half	1	1	6	●1471 010 000	Electric starter (Bendix type), for 12 V, 75 W	1	1
6	0965 136 002	Hub	1	1	7	●2740 062 001	Screw, hexagon head, M 8 x 18	2	2
7	2771 002 000	Starter generator 12 V 130 W	1	1	8	●1465 014 000	Rectifier	1	1
		BOSCH Ref. 0010 350 003			9	●1465 017 000	Starter relay	1	1
	2765 021 000	Set of carbon brushes (4 ea)	1	1	10	●1465 015 000	Lighting, ignition- and starting switch	1	1
	2765 022 000	Clamping strap (for protecting the brushes)	1	1					
8	2751 047 000	Support	1						
9	0240 091 001	Screw, hexagon head, M 6 x 15	2	6					
	0940 073 001	Screw, hexagon head, M 8 x 20	2	2					
10	0245 023 002	Spring washer for M 6	2	4					
	0245 023 003	Spring washer for M 8	2	2					
11	0244 021 000	Washer 6.2 x 14 x 1.5	2	6					
12	0316 057 002	Nut M 6	2	4					
13	0245 023 004	Spring washer for M 10	1						
14	0940 005 000	Screw, hexagon head, M 10 x 18	1						
15	2751 048 000	Support		1					
16	0960 025 001	Strap, 240 mm long	2	2					
17	0951 108 000	Clamping strap	2	2					
18	0940 063 002	Screw, hexagon head, M 8 x 45	2	2					
19	2771 003 000	Voltage governor, Bosch Ref. 0190 219 002	1	1					
20	2756 011 000	V-belt pulley Ø 120 x 58	1	1					
21	2740 051 001	Screw, hexagon socket head, M 6 x 15	2	2					
	2756 012 000	V-belt pulley Ø 146 x 47 (on flywheel) ..	1						
	0245 023 003	Spring washer for M 8	6						
	1815 139 000	Screw, hexagon socket head, M 8 x 28 ..	6						
22	0986 518 101	Starter cord ass'y., with handle	1	1					



Illustr. No.	Part Number	Description	KM 914 A		Illustr. No.	Part Number	Description	KM 914 A	
			KM 914 B	Pieces				KM 914 B	Pieces
1	2770 002 200	Recoil starter kit with auxiliary starting device (pawl starter), including illustr. 2...8, (with 1800 mm long starter cable), anti-clockwise rotation	1	1	10	1452 017 000	Starter handle	1	1
	2770 002 201	Recoil starter kit with auxiliary starting device (pawl starter), including illustr. 2...8, (with 2257 mm long starter cable), anti-clockwise rotation, version ARCTIC	1	1	11	1452 019 000	Clamping ring	1	1
2	+2770 003 200	Recoil starter ass'y., including illustr. 9...30 (1800 mm long starter cable)	1	1	12	1452 020 000	Clamping cone	1	1
	+2770 003 201	Recoil starter ass'y., including illustr. 9...30 (2257 mm long starter cable)	1	1	13	1447 011 000	Collar bush	1	1
		+ For replacement purposes for KM 914 A up to engine No. 5978 605			14	1452 015 000	Cable guide	1	1
		KM 914 B up to engine No. 6435 498			15	*2752 011 000	Cable guide	1	1
		to be used only together with starter drum 2752 010 200			16	1940 009 000	Grub screw M 4 x 8	1	1
3	2740 003 002	Screw, hexagon socket head, M 6 x 30 ..	4	4	17	2711 026 200	Starter housing	1	1
4	*1940 108 002	Screw, hexagon socket head, M 6 x 20 ..	4	4	18	0944 014 101	Washer	1	1
5	0245 023 012	Spring washer for M 6 ..	4	4	19	1432 001 100	Bush 22 x 25 x 27.4	1	1
6	2711 037 100	Intermediate flange ..	1	1	20	0947 122 000	Ring 25.5 x 29 x 5.8	1	1
7	2740 051 001	Screw, hexagon socket head, M 8 x 15 ..	2	2	21	0947 100 000	Supporting ring	1	1
	2752 010 000	Starter drum (version for frictional starter) for KM 914 A up to engine No. 5978 605	1	1	22	0943 100 100	Tubular rivet	1	1
		for KM 914 B up to engine No. 6435 498	1	1		0939 002 001	Spiral spring (version frictional starter) for KM 914 A up to engine No. 5978 605	1	1
		for KM 914 B up to engine No. 6435 498				2739 014 001	Spiral spring (version pawl starter) for KM 914 A		
		for KM 914 A					from engine No. 5978 606 up	1	1
		for KM 914 B					from engine No. 6435 499 up		
		for KM 914 A			23	1470 015 000	Cable pulley	1	1
		for KM 914 B			24	2644 003 000	Shim 25.3 x 31, page 38	x	x
		for KM 914 A			25	1486 017 001	Supporting plate	1	1
		for KM 914 B			26	0986 458 005	Driving lever (version frictional starter) for KM 914 A up to engine No. 5978 605	1	1
		for KM 914 A				2752 014 000	Driving lever (version pawl starter) for KM 914 A		
		for KM 914 B					from engine No. 5978 606 up	1	1
		for KM 914 A					from engine No. 6435 499 up		
8	*2752 003 000	Starter drum	1	1	27	1444 009 000	Brake spring	1	1
	*0232 014 000	Cylindrical roller	2	2	28	1445 006 000	Spring washer for Ø 22	1	1
9	0986 518 101	Starter cable ass'y.	1	1	29	2844 011 000	Shim 22.2 x 32 x 0.5	x	x
	1470 005 000	Cable with solder tag 0999 126 000, length 1800 mm	1	1	30	1445 001 000	Circlip for Ø 22	1	1
	1470 005 000	Cable with solder tag 0999 126 000, length 2257 mm	1	1		2770 008 000	Conversion kit for subsequent fitting of auxiliary starting device up to engine No. 5506 580		
		(version ARCTIC)							
		* up to engine No. 5506 580							

x = as required

- Notes -

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