PARTS LIST NO. 426

FOR ROTAX ENGINE

TYPE 377

ENGINE EXECUTION WITH

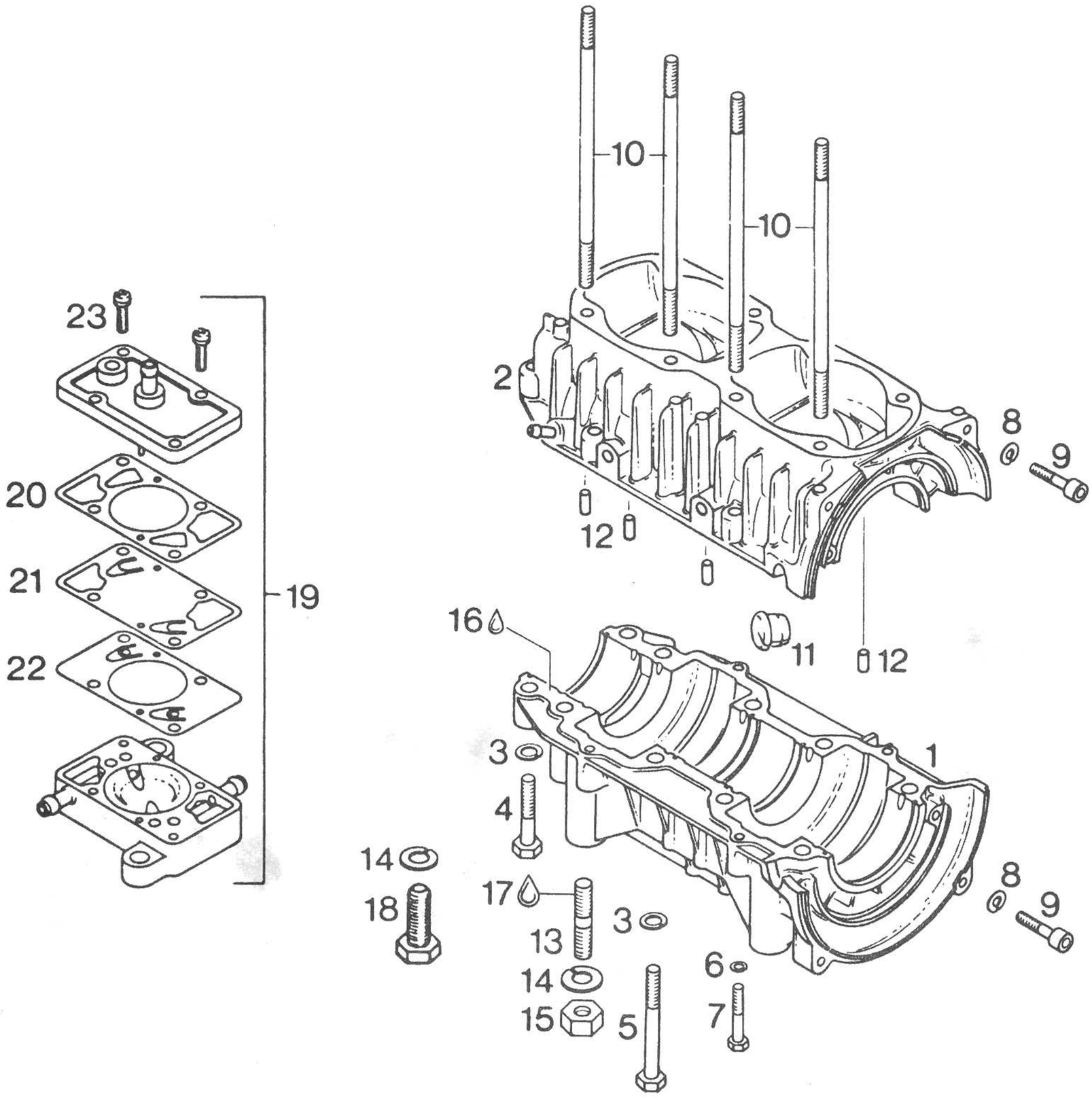
BOSCH CONTACT BREAKER

IGNITION SYSTEM

EDITION OKT. 1983

BOMBARDIER-ROTAX GMBH
MOTORENFABRIK
A-4623 Gunskirchen – Austr
Telefon: (07246) 271-0, Tele
Telegrammadresse: Bombr

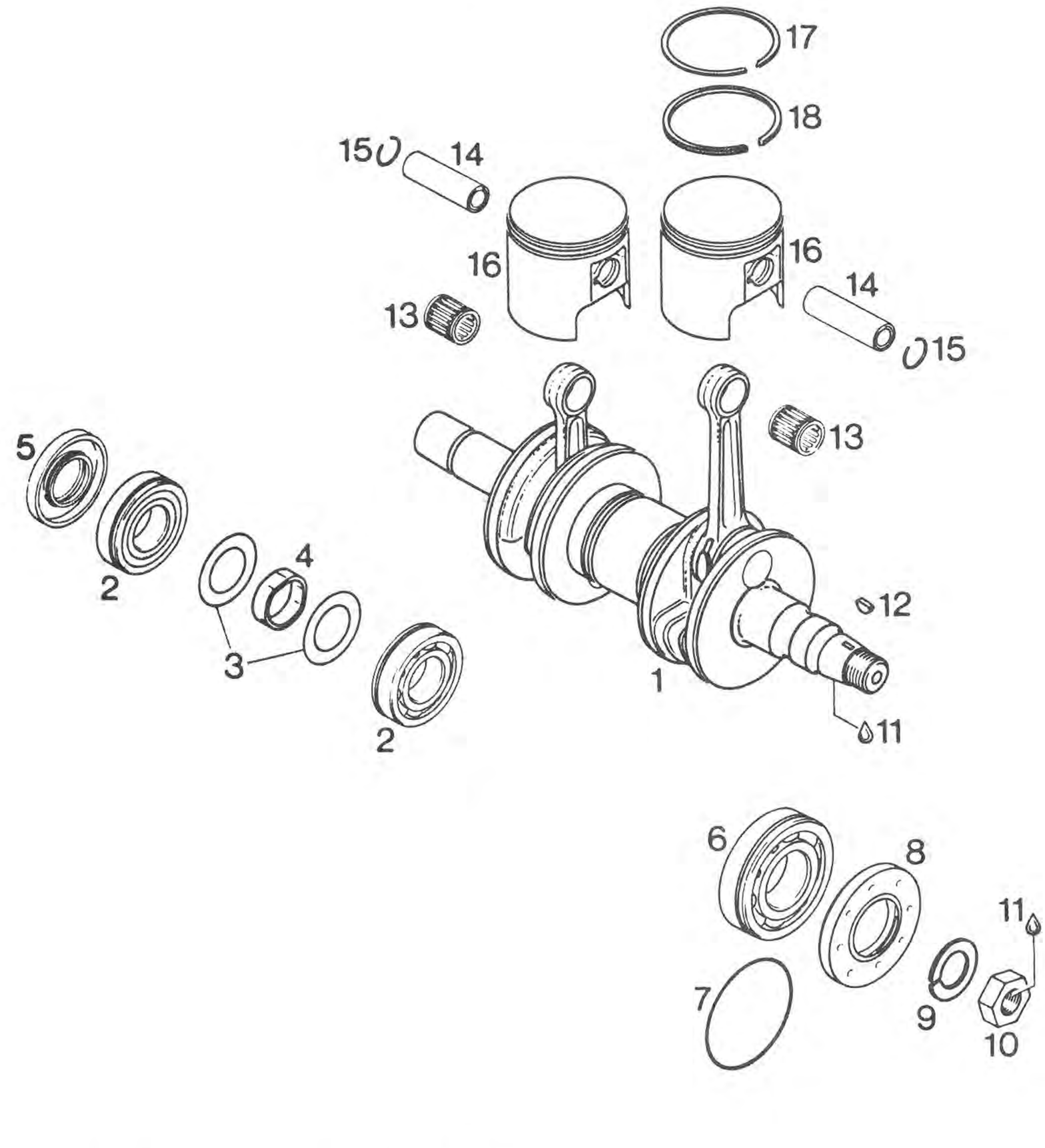
Crankcase, Fuel Pump



Ill. No.	Part No.	D e s c r i p t i o n	Qty.
1 - 7	995 098	crankcase assy.	1
3	945 752	lock washer 8	10
4	940 631	hex. screw M8 x 45	2
5	841 201	hex. screw M8 x 70	8
6	945 751	lock washer 6	4
7	240 631	hex. screw M6 x 40	4
8	945 751	lock washer 6	4
9	840 880	cyl. screw M6 x 30	4
10	841 145	stud M8 x 167	8
11	960 285	cable grommet	1
12	960 951	rubber plug	5
13	940 190	stud M10 x 29	4
14	945 753	lock washer 10	4

Ill. No.	Part No.	D e s c r i p t i o n	Qty.
15	242 091	hex. nut M10	4
16	899 683	LOCTITE sealing material 50 c.c.	as requ.
17	899 786	means of securing 6 c.c., LOCTITE blue .	as requ.
18	940 326	hex. screw M10 x 30	4
19	994 482	fuel pump assy.	1
20	831 935	gasket	1
21	861 135	diaphragm	1
22	861 137	sealing diaphragm	1
23	841 460	combined screw M4 x 16	4

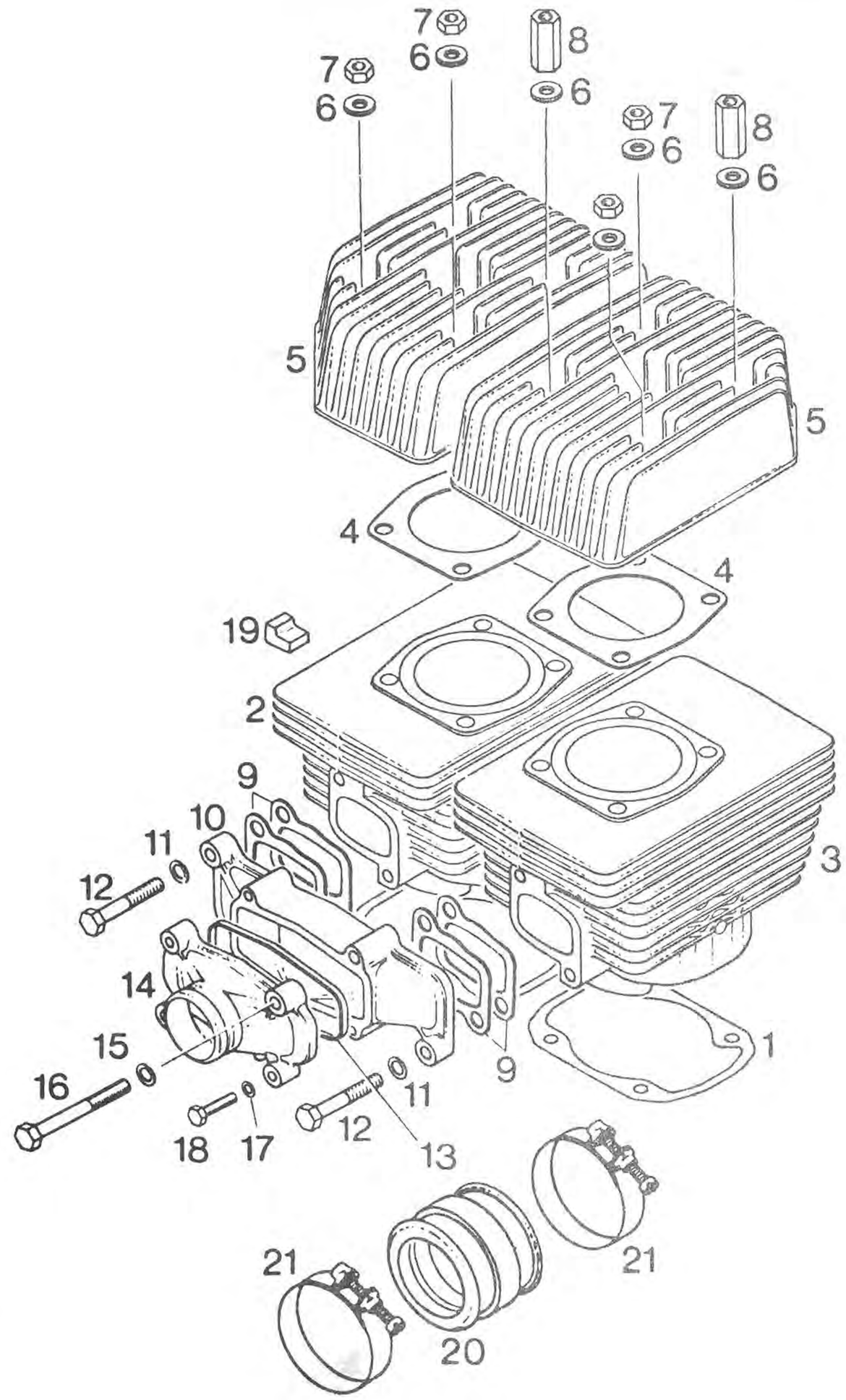
Crankshaft, Pistons



Ill. No.	Part No.	D e s c r i p t i o n	Qty.
1	995 327	crankshaft assy.	1
2	832 206	ball bearing 6206	2
3	827 715	shim 30,4/51/1	2
4	847 395	stop tube, ball bearing cage	1
5	830 747	oil seal, p.t.o. side	1
6	832 231	ball bearing 6207	1
7	830 355	O-ring	1
8	831 950	oil seal, magneto side	1
9	945 759	lock washer 22	1
10	842 230	hex. nut M22 x 1,5	1
11	899 786	means of securing 6 c.c., LOCTITE blue .	as requ.
12	246 050	Woodruff key 3 x 3,7	1
13	932 904	needle cage	2
14	916 260	gudgeon pin	2
15	945 735	circlip, gudgeon	4

Ill. No.	Part No.	D e s c r i p t i o n	Qty.
16,17,18	994 970	piston assy. w. 2 rings 62,0 Ø, standard .	2
	994 846	piston assy. w. 2 rings 62,25 Ø, 1st oversize	2
17	215 210	SEMI-trapez ring 62,0 Ø, standard	2
	915 881	rectangular ring 62,25 Ø, 1st oversize, 1,25 mm high	2
18	915 890	rectangular ring 62,0 Ø, standard, 1,5 mm high	2
	915 891	rectangular ring 62,25 Ø, 1st oversize, 1,5 mm high	2

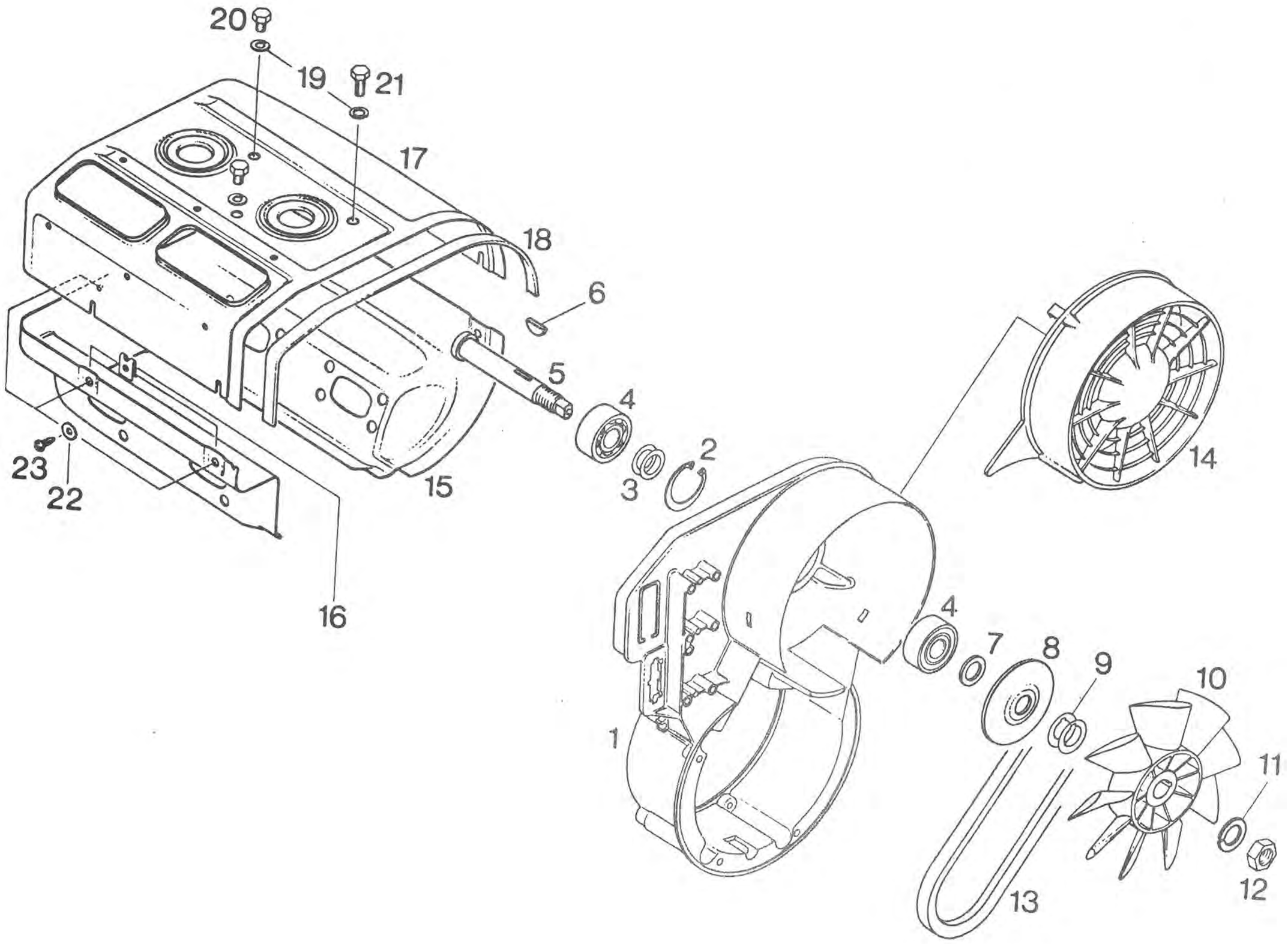
Cylinder, Intake Manifold



Ill. No.	Part No.	D e s c r i p t i o n	Qty.
1	850 100	gasket, cylinder flange	2
2	823 795	cylinder w. sleeve, p.t.o. side	1
3	823 805	cylinder w. sleeve, magneto side	1
4	850 130	gasket, cylinder head	2
5	823 820	cylinder head	2
6	250 311	washer 8,4	8
7	242 200	hex. nut M8	5
8	242 660	distance nut M8 x 33	3
9	831 860	gasket, intake manifold	4
10	867 430	intake manifold	1
11	945 752	lock washer 8	2

Ill. No.	Part No.	D e s c r i p t i o n	Qty.
12	940 616	hex. screw M8 x 40	2
13	850 190	rubber ring	1
14	867 445	intake cover	1
15	945 752	lock washer 8	2
16	841 311	hex. screw M8 x 74	2
17	945 751	lock washer 6	2
18	240 036	hex. screw M6 x 25	2
19	860 060	support damper	1
20	867 481	rubber socket	1
21	251 850	hose clamp 51 assy.	2

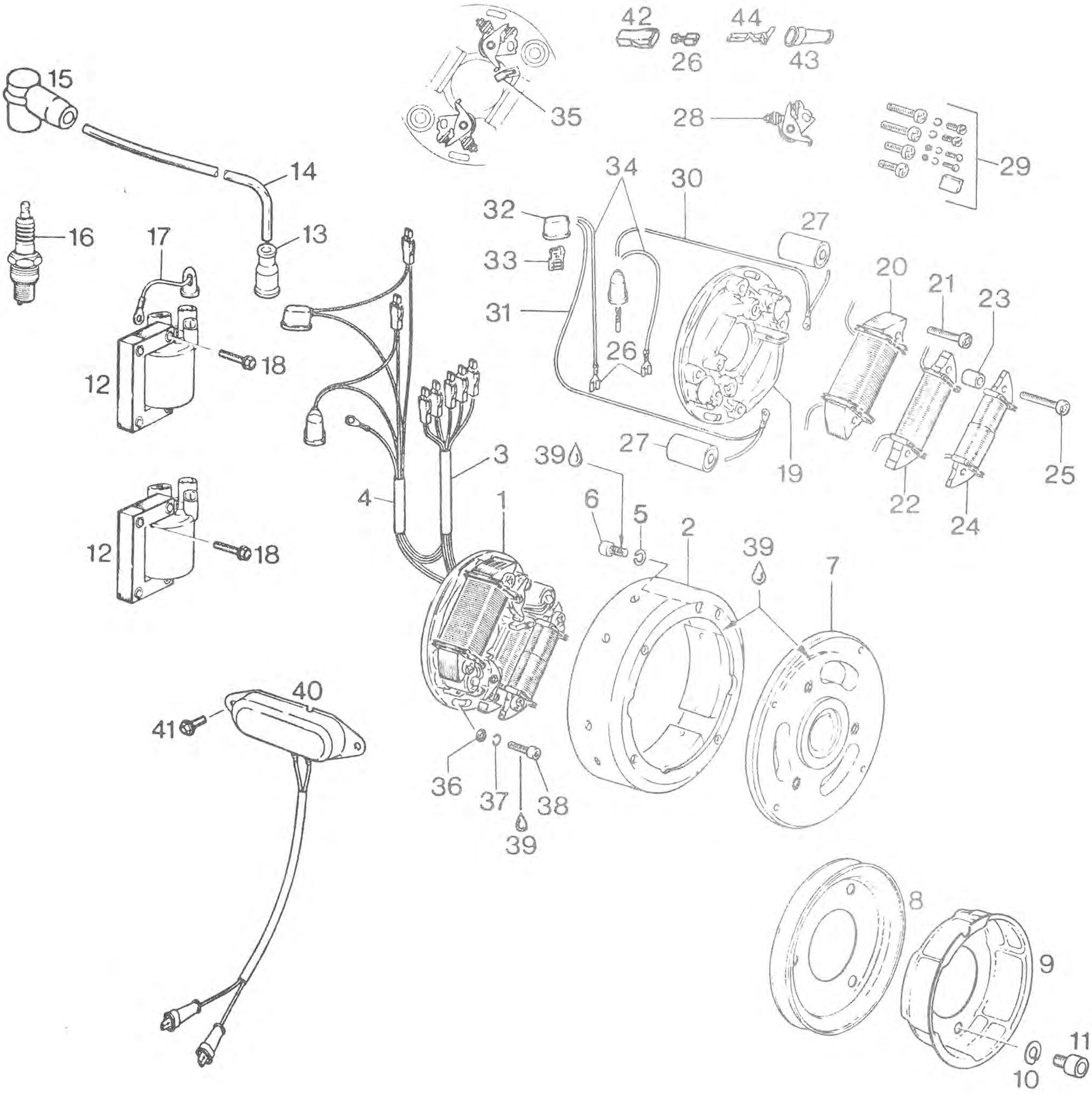
Fan Housing, Cylinder Cowls, Fan, V-belt



Ill. No.	Part No.	D e s c r i p t i o n	Qty.
1	912 990	fan housing	1
2	945 880	locking ring	1
3	244 585	shim 1,0 mm	2
4	832 160	ball bearing	2
5	937 940	fan shaft	1
6	246 011	Woodruff key 3 x 5	1
7	827 650	distance sleeve	1
8	980 495	pulley half	1
9	827 080	shim 0,5 mm	4
9	827 080	shim 0,5 mm	as requ.
10	866 295	fan	1
11	945 756	lock washer 16	1
12	942 285	hex. nut M16 x 1,5	1
13	980 436	V-belt	1
14	975 740	fan cover	1
15	910 052	cylinder cowl, lower half	1

Ill. No.	Part No.	D e s c r i p t i o n	Qty.
16	842 390	spring nut V 4,8	6
17	910 042	cylinder cowl, upper half	1
18	960 962	sealing strip 380 mm	1
19	945 752	lock washer 8	3
20	940 251	hex. screw M8 x 9	2
21	940 581	hex. screw M8 x 16	1
22	845 270	washer 4,9 x 15,5 x 0,8	6
23	841 490	screw B4,8 x 16	6

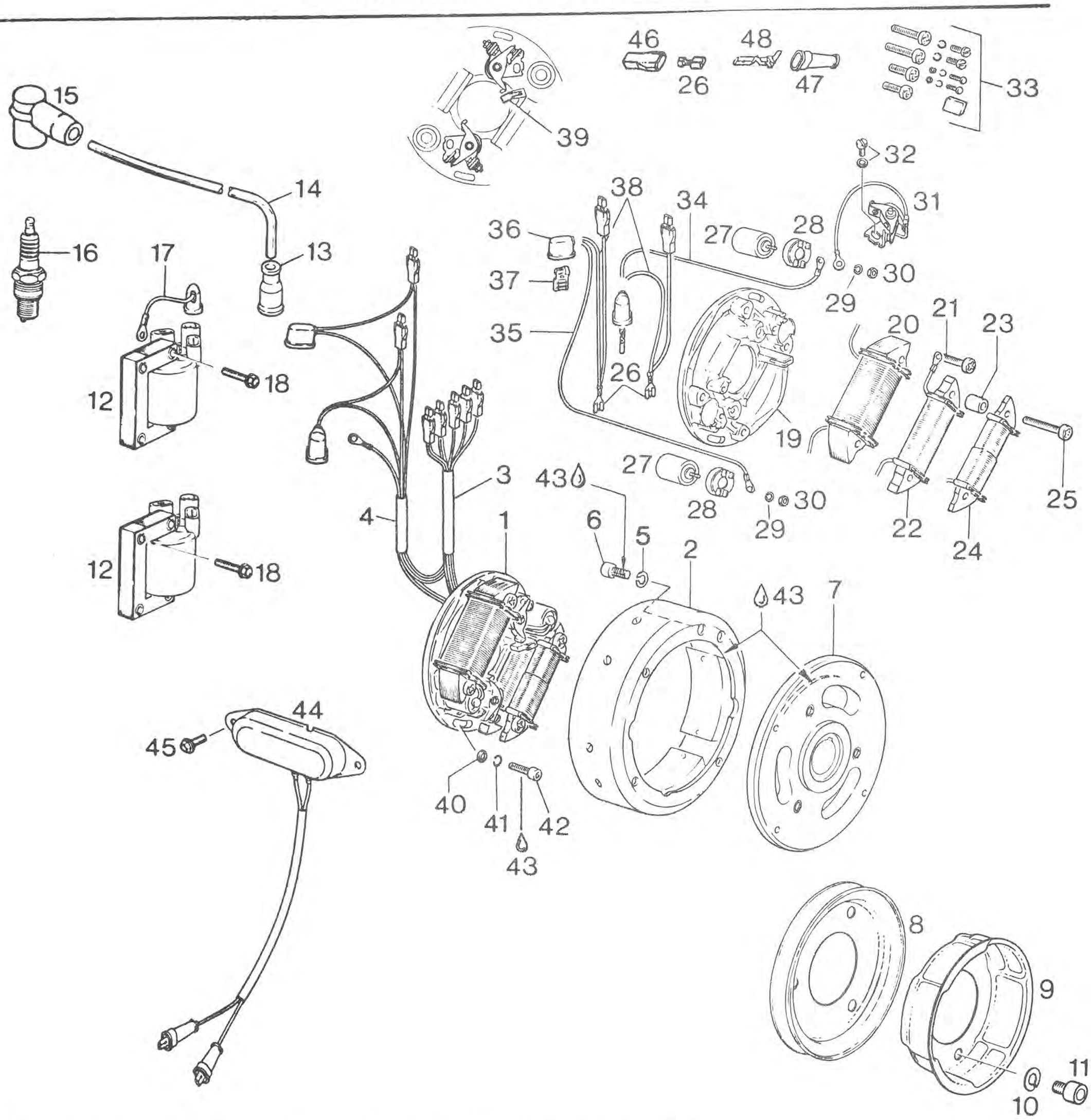
Magneto Generator 12V 140W, Magneto Housing, Ignition Damping Box with Soldering Connection



Ill. No.	Part No.	Description	Qty
1 - 4	994 807	magneto generator 12V 140W	1
1	993 725	armature plate assy.	1
2	993 500	magneto ring	1
3	960 203	protection hose 90 mm	1
4	260 437	protection hose 150 mm	1
5	945 751	lock washer 6	4
6	840 370	cyl. screw w. int. hex. M6 x 11,5 . .	4
7	866 320	magneto housing	1
8	980 485	V-belt pulley	1

Ill. No.	Part No.	D e s c r i p t i o n	Qty
9	852 320	starting pulley	1
10	845 310	lock washer 8	3
11	841 520	cyl. screw M8 x 12	3
12	984 555	ignition coil	2
13	960 550	protection cap	2
14	964 015	ignition cable 265 mm, p.r.o. side . .	1
14	964 180	ignition cable 200 mm, magneto side . .	1
15	865 200	spark plug protector	2
16	897 050	spark plug 14 NGK B8ES	2
17	864 271	mass cable assy.	2
18	841 550	Taptite-screw M5 x 22	7
19	865 980	armature plate alone	1
20	865 812	lighting coil 110W	1
21	840 970	cyl. screw M5 x 28	2
22	865 750	generator coil	1
23	847 240	distance sleeve 11 mm	2
24	865 822	lighting coil 30W	1
25	241 415	cyl. screw M5 x 32	2
26	864 010	Faston connector	2
27	865 550	condenser without cable	2
28	983 349	contact breaker set	2
29	964 212	parts set	1
30	864 970	generator cable assy., blue-black, 520 - 80 mm	1
31	864 769	generator cable assy., blue/red-black, 620 - 80 mm	1
32	960 590	rubber cap	2
33	864 261	Faston connector	2
34	864 611	shorting cable black, 485 mm w. connector	2
35	265 815	lubricating wick	1
36	827 800	washer 5,5	2
37	945 750	lock washer 5	2
38	840 515	cyl. screw w. int. hex. M5 x 18	2
39	899 786	means of securing LOCTITE blue	as requ.
40	866 572	ignition damping box	1
41	841 680	Taptite-screw M5 x 8	2
42	960 719	protection cap	7
43	960 970	protection cap	7
44	866 300	Faston connector	7

Magneto Generator 12V 140W, Magneto Housing, Ignition Damping Box with Threaded Connection

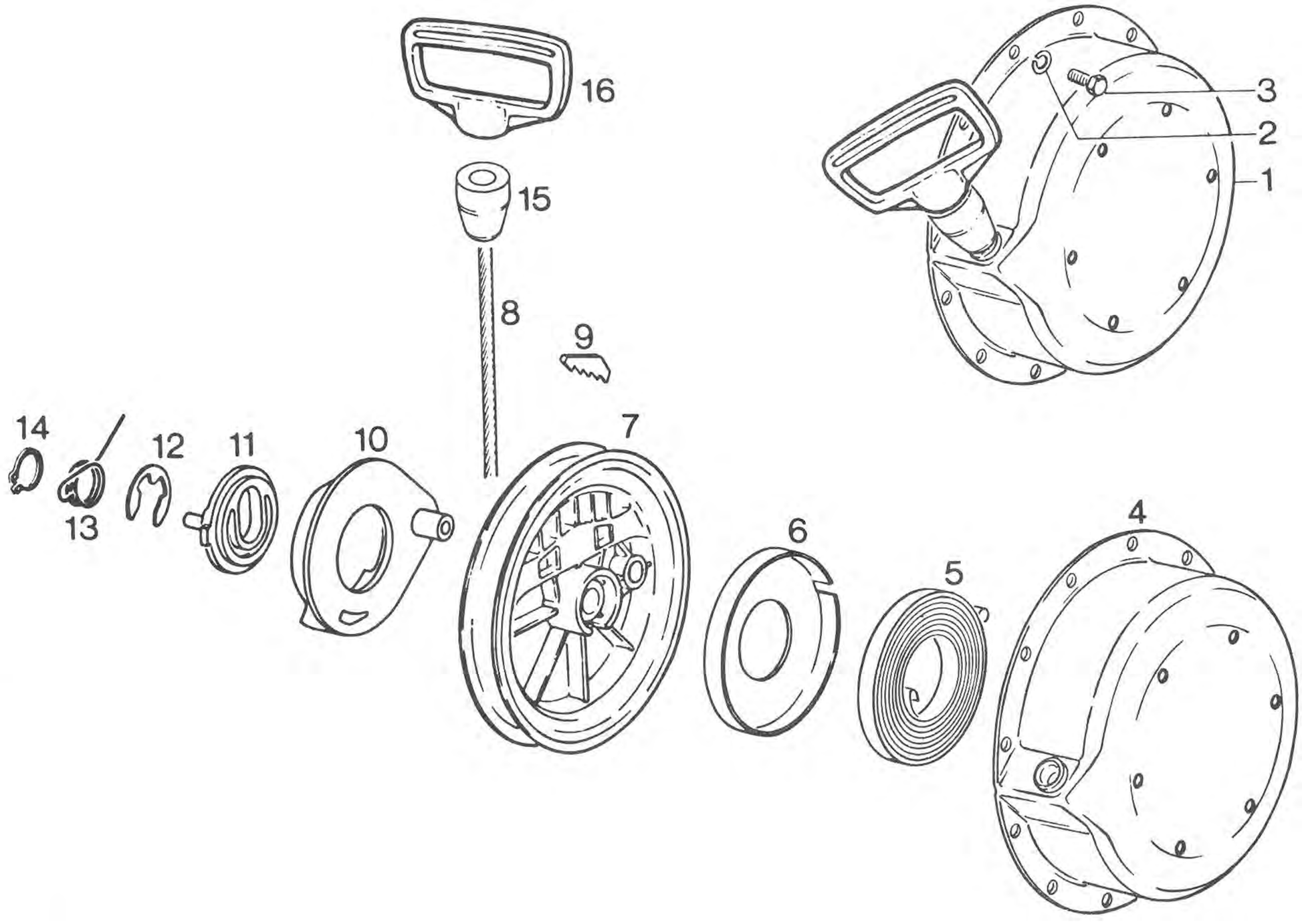


Ill. No.	Part No.	D e s c r i p t i o n	Qty
1 - 4	994 807	magneto generator 12V 140W	1
1	993 725	armature plate assy.	1
2	993 500	magneto ring	1
3	960 203	protection hose 90 mm	1
4	260 437	protection hose 150 mm	1
5	945 751	lock washer 6	4
6	840 370	cyl. screw w. int. hex. M6 x 11,5 . .	4
7	866 320	magneto housing	1
8	980 485	V-belt pulley	1

Ill. No.	Part No.	D e s c r i p t i o n	Qty
9	852 320	starting pulley	1
10	845 310	lock washer 8	3
11	841 520	cyl. screw M8 x 12	3
12	984 555	ignition coil	2
13	960 550	protection cap	2
14	964 015	ignition cable 265 mm, p.t.o. side . .	1
14	964 180	ignition cable 200 mm, magneto side . .	1
15	865 200	spark plug protector	2
16	897 050	spark plug 14 NGK B8ES	2
17	864 271	mass cable assy.	2
18	841 550	Taptite-screw M5 x 22	7
19	865 980	armature plate alone	1
20	865 812	lighting coil 110W	1
21	840 970	cyl. screw M5 x 28	2
22	865 750	generator coil	1
23	847 240	distance sleeve 11 mm	2
24	865 822	lighting coil 30W	1
25	241 415	cyl. screw M5 x 32	2
26	864 010	Faston connector	2
27 - 30	964 219	condenser set	2
27	265 527	condenser	1
28	860 130	condenser cap	1
29	245 090	lock washer 3	1
30	942 171	hex. nut M3	1
31	983 343	contact breaker set	2
32	241 215	combined screw M4 x 10	1
33	964 212	parts set	1
34	864 970	generator cable assy., blue-black, 520 - 80 mm	1
35	864 769	generator cable assy., blue/red-black, 620 - 80 mm	1
36	960 590	rubber cap	2
37	864 261	Faston connector	2
38	864 611	shorting cable black, 485 mm w. connector	2
39	265 815	lubricating wick	1
40	827 800	washer 5,5	2
41	945 750	lock washer 5	2
42	840 515	cyl. screw w. int. hex. M5 x 18	2
43	899 786	means of securing LOCTITE blue	as requ.

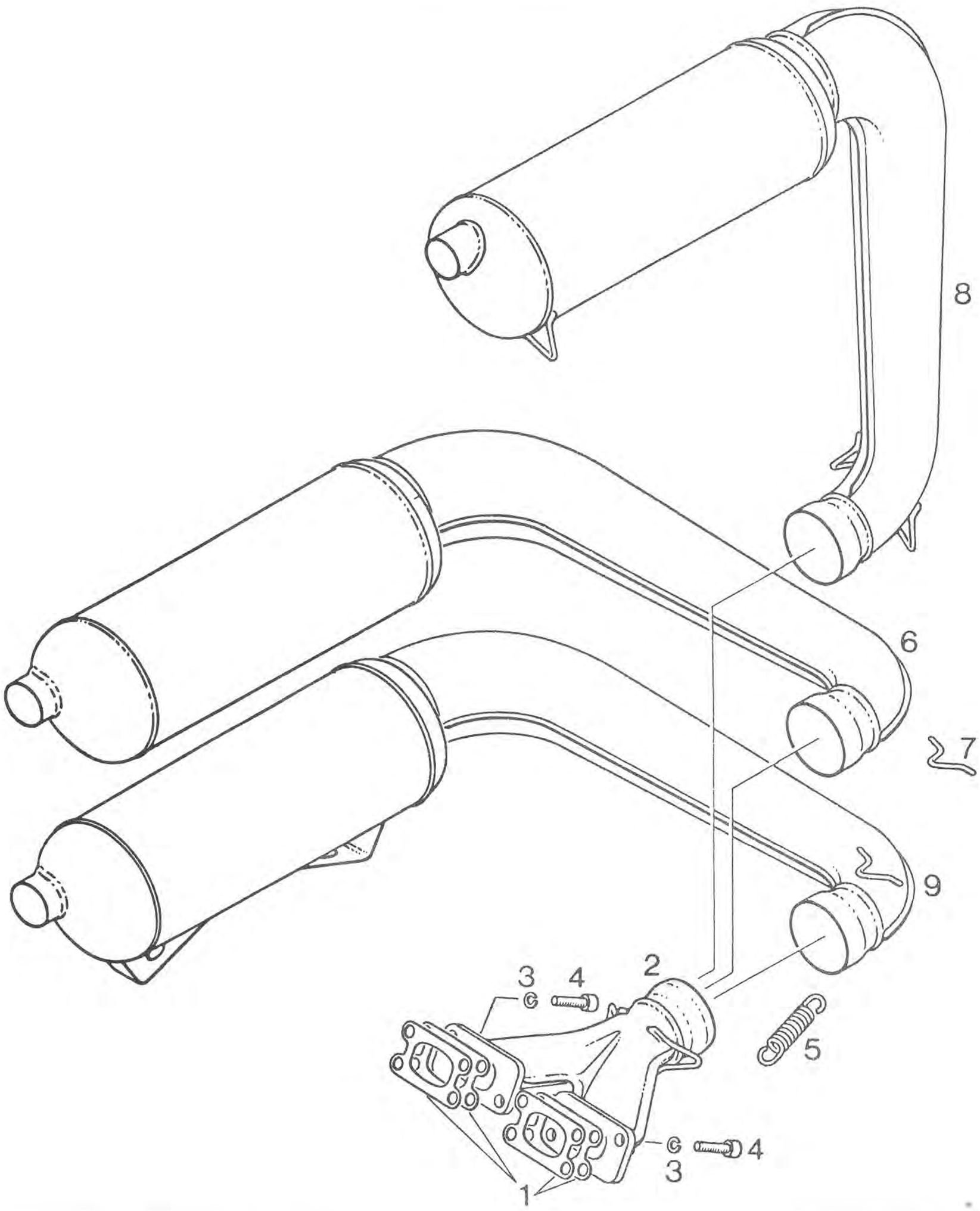
Ill. No.	Part No.	D e s c r i p t i o n	Qty
44	866 572	ignition damping box	1
45	841 680	Taptite-screw M5 x 8	2
46	960 719	protection cap	7
47	960 970	protection cap	7
48	866 300	Faston connector	7

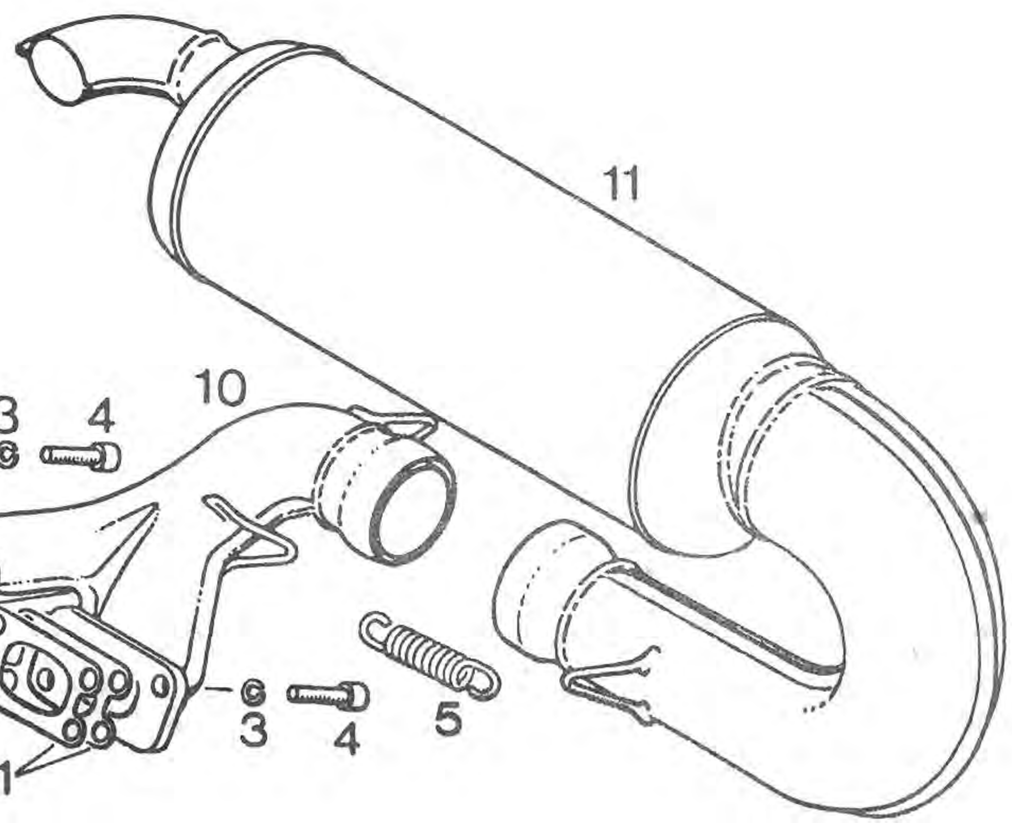
Rewind Starter



Ill. No.	Part No.	D e s c r i p t i o n	Qty.
1	994 874	rewind starter assy.	1
2	945 751	lock washer 6	4
3	240 911	hex. screw M6 x 14	4
4	910 107	starter housing	1
5,6	984 454	spring cartridge assy.	1
5	938 001	rewind spring	1
6	827 350	spring guide	1
7	852 282	rope sheave	1
8	952 799	starter rope 1700 mm	1
9	852 070	key clamp	1
10	852 290	pawl	1
11	852 300	pawl lock	1
12	845 300	circlip	1
13	938 980	locking spring	1
14	945 770	locking ring	1
15	960 415	rubber buffer	1
16	852 175	starter grip	1

Exhaust System

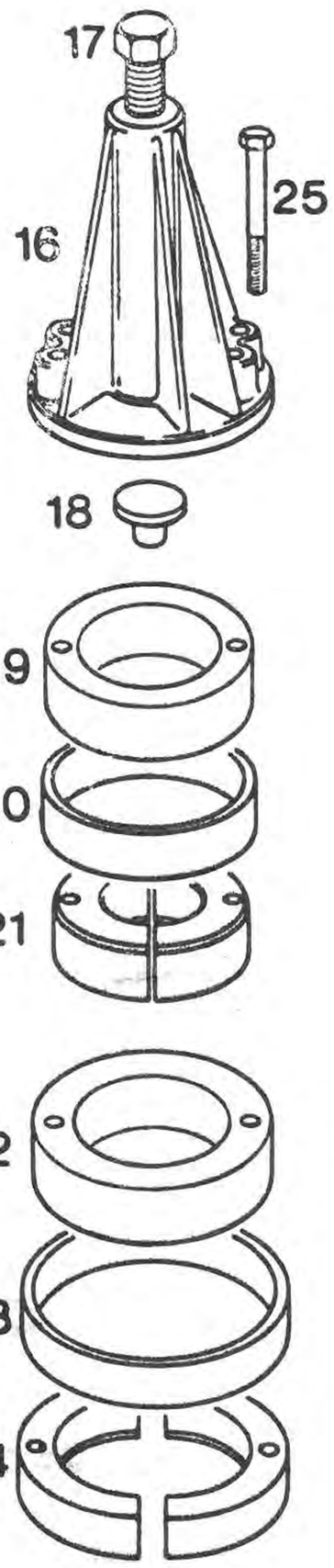


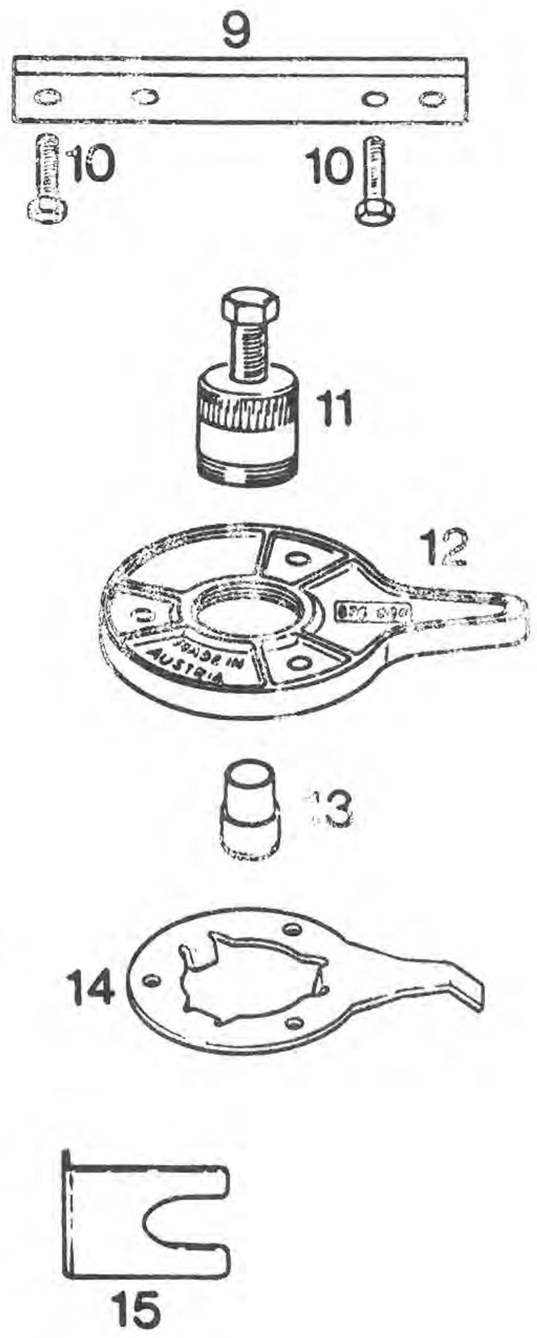


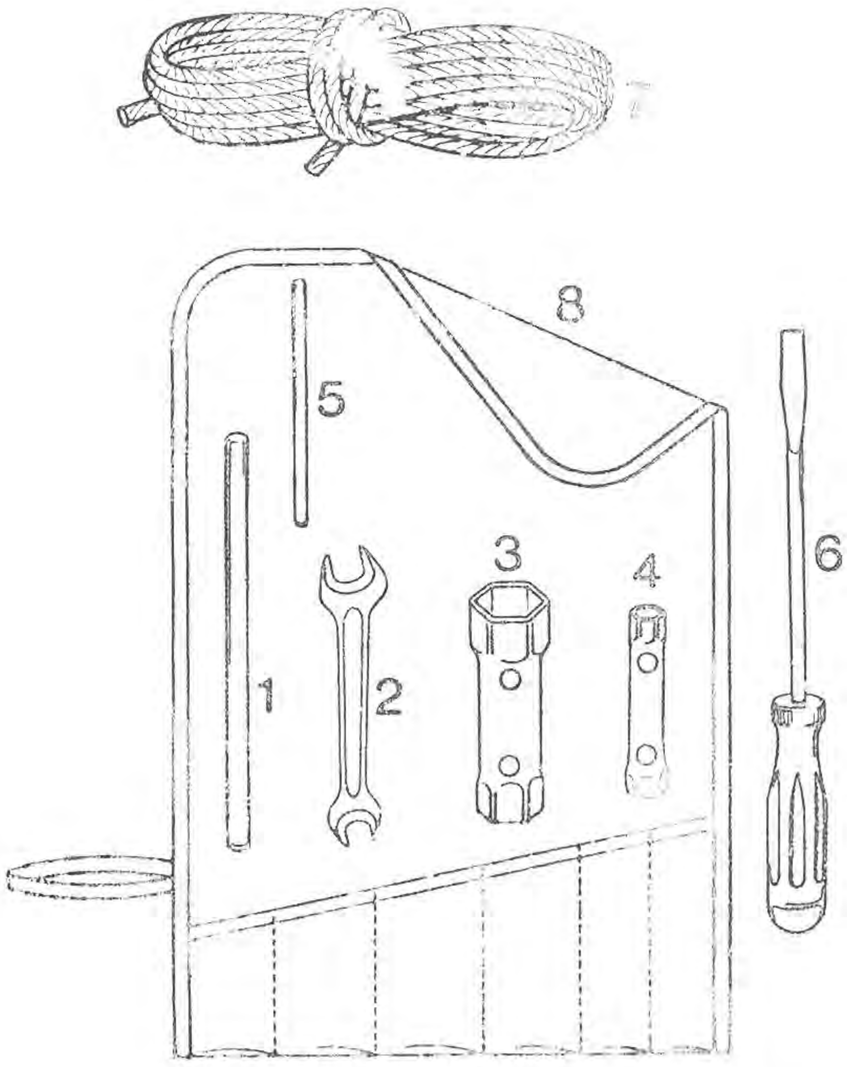
Ill.No.	Part No.	Description	Qty.
1	850 111	gasket, exhaust manifold	4
2	879 457	exhaust manifold (for muffler 879 704, 879 705 and 879 706)	1
3	945 752	lock washer 8	4
4	840 991	cyl. screw M8 x 30	4
5	938 790	spring	2
6	879 704	muffler without hooks	1
7	853 355	hook	2
8	879 705	muffler with 3 hooks	1
9	879 706	muffler with aditional brackets	1
10	879 453	exhaust manifold for side mount muffler 879 708	1
11	879 708	side mount muffler	1

Repair Tools, Gasket Set

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Ill. No.	Part No.	D e s c r i p t i o n	Qty.
1 - 8	876 631	tool bag w. tools assy.	1
1	977 420	bolt, socket wrench	1
2	276 065	fork wrench 10/13 mm	1
3	876 210	socket wrench 21/26 mm	1
4	876 225	socket wrench 10/13 mm	1
5	876 640	crankshaft fixation bolt	1
6	876 200	screw driver	1
7	852 091	starter rope 2110 mm	1
8	876 195	tool bag	1
9	876 171	cylinder aligning tool	1
10	240 275	hex. screw M8 x 25	2
11	876 065	puller assy.for magneto housing	1

Ill. No.	Part No.	D e s c r i p t i o n	Qty.
12	876 080	wrench to hold magneto housing	1
13	876 402	protection cap	1
14	876 357	wrench to hold fan	1
15	876 620	distance gauge, crankshaft, p.t.o. side .	1
16	876 296	puller assy.	1
17	940 755	hex. screw M16 x 1,5 x 145	1
18	876 550	protection mushroom for crankshaft, p.t.o. side	1
19	876 560	distance ring for puller	1
20	977 480	ring for puller	1
21	276 020	ring half for ball bearing	2
22	876 565	distance ring for puller	1
23	977 490	ring for puller	1
24	977 470	ring half for ball bearing	2
25	841 200	hex. screw M8 x 70	2
26	994 865	gasket set assy.	1