

**Ersatzteile-Liste
Parts List
Catalogo Ricambi**

Nr. **319**
No.

**Motor Type
Engine Type
Motore Tipo**

406 GS
406 MC

Ausgabe
Edition
Edizione

1979



BOMBARDIER-ROTAX GMBH

A-4623 Gunskirchen/Austria

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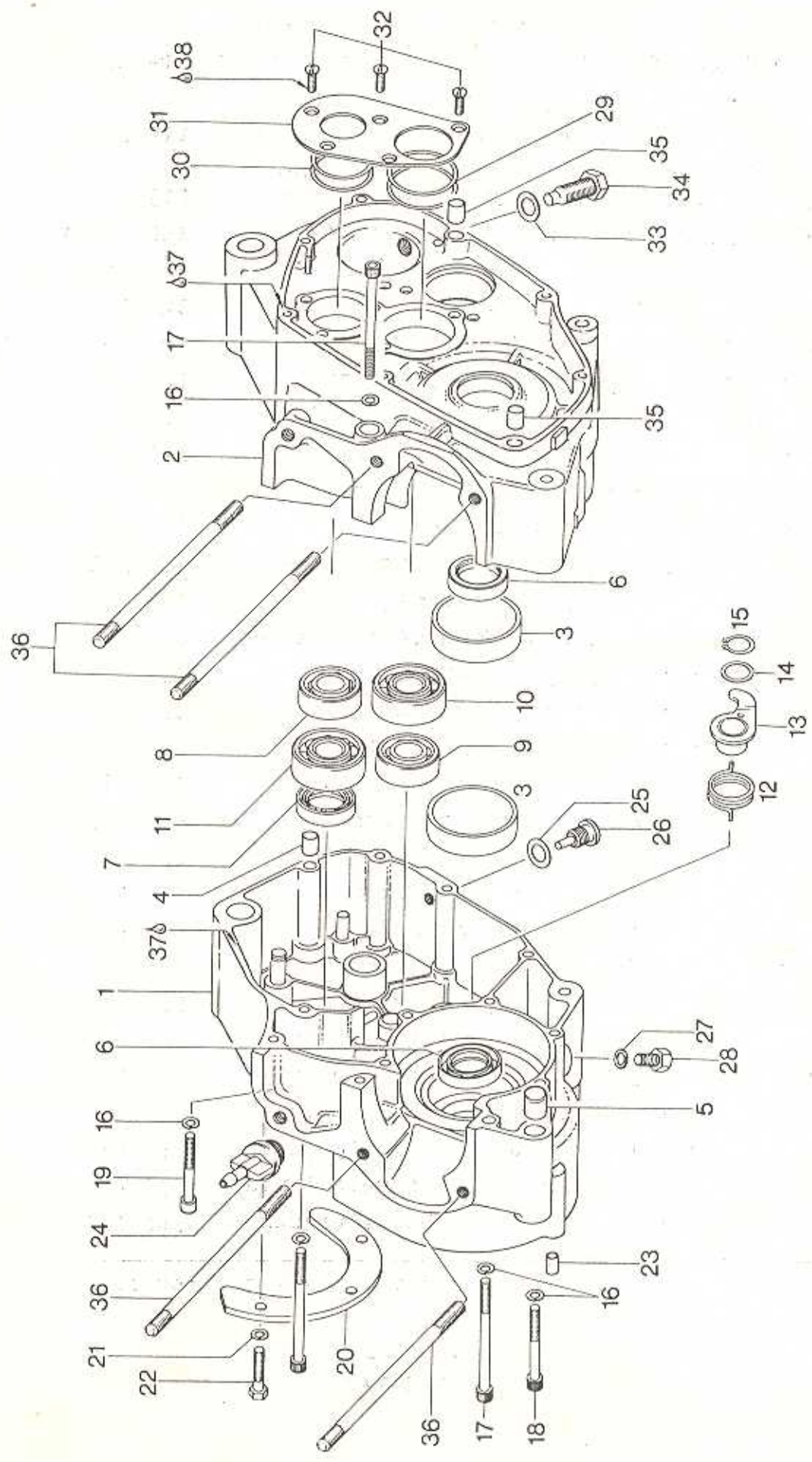
BOMBROTAX GUNSKIRCHEN

Inhaltsverzeichnis / Table of Contents / Indice dei Capitoli

Seite
Page
Pagina

- | | |
|----|--|
| 1 | Gehäuse, Drehschieberdeckel
Crankcase, Disk Valve Cover
Carter Motore, Coperchio Valvola |
| 3 | Kurbelwelle, Kolben, Zylinder, Zylinderkopf
Crankshaft, Piston, Cylinder, Cylinder Head
Albero Motore, Pistone, Cilindro, Testa Cilindro |
| 5 | Zünderdeckel, Kupplungsdeckel
Magneto Cover, Clutch Cover
Coperchio Volano, Coperchio Frizione |
| 6 | 6-Pol-Magnetzündler-Generator
6-Pole-Magneto Generator
6-Poli-Volano |
| 7 | Getriebe
Transmission
Trasmissione |
| 9 | Kupplung, Kickstarter
Clutch, Kick Start
Frizione, Messa in Moto |
| 11 | Werkzeug
Tools
Attrezzi |

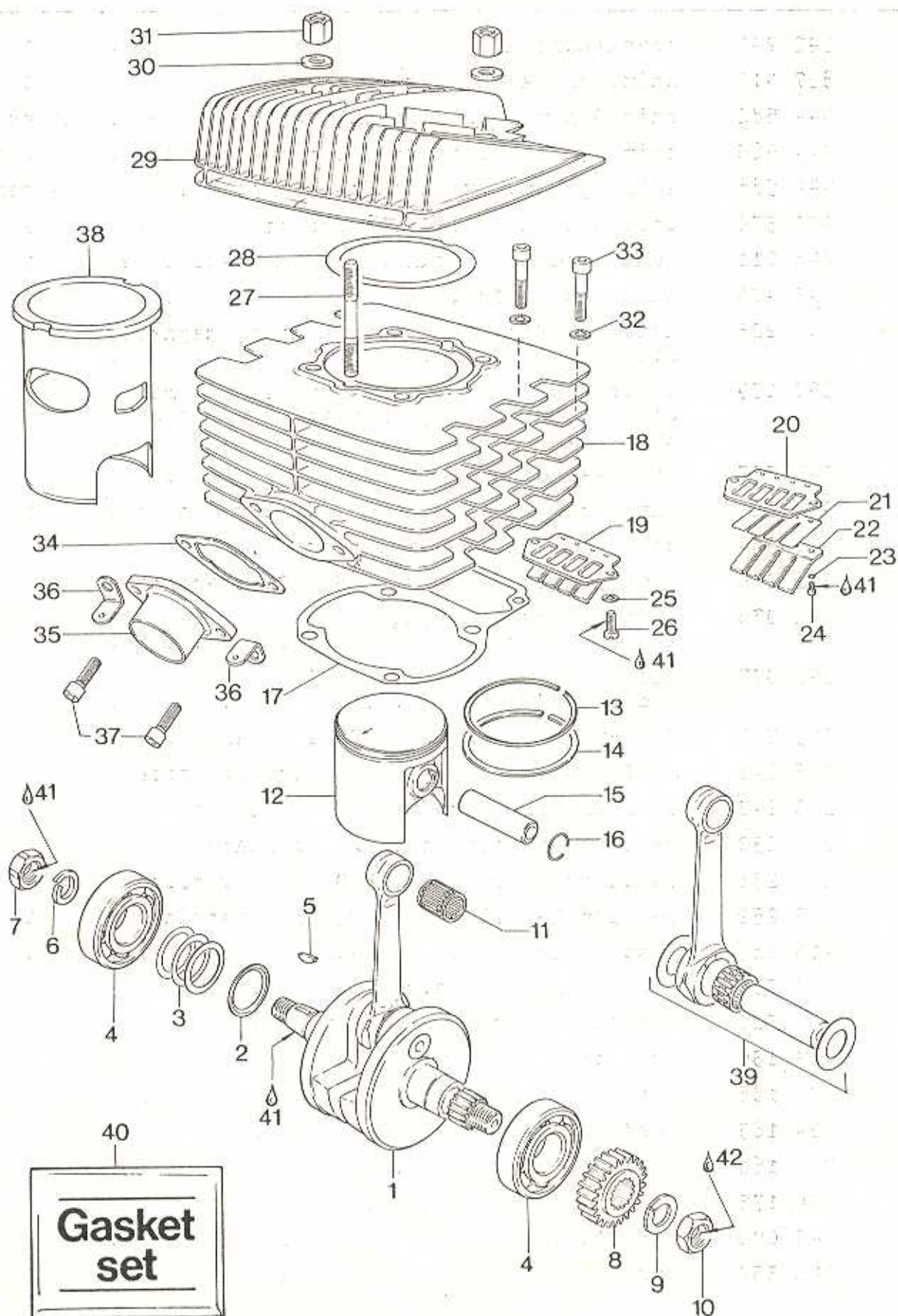
10617X, parts list 10617



Crankcase

Ill. No.	Part No.	Description	Qty.
1 - 5	292 047	crankcase assy.	1
3	260 470	ring, crankcase	2
4	229 140	dowel 9,8 x 10, locating	1
5	229 160	dowel 13,8 x 15, locating	1
6	230 425	seal, magneto side and clutch side . . .	2
7	230 395	seal, transmission main shaft	1
8	932 030	ball bearing 6203	1
9	232 850	ball bearing 6203	1
10	932 432	ball bearing 6204	1
11	932 420	ball bearing 6205	1
12	239 750	spring, index	1
13	248 835	lever assy., index	1
14	227 800	washer, index	1
15	945 840	snapring, index	1
16	945 751	lock washer 6	13
17	241 870	screw, allen head M6 x 70	8
18	240 330	screw, allen head M6 x 55	4
19	241 760	screw, allen head M6 x 50	1
20	297 521	chain guard for sprocket 14 t.	1
	297 522	chain guard for sprocket 15 t.	1
21	945 751	lock washer 6	3
22	241 185	screw, hex. head M6 x 16	3
23	949 900	dowel 8,4 x 10	3
24	241 920	oil filler cap M18 x 1,5	1
25	650 040	gasket ring	1
26	241 781	plug, magnetic drain	1
27	950 141	gasket ring	1
28	940 251	screw, hex. head M8 x 9, crankcase drain	1
29	227 610	shim 0,5 mm, transmission clutch shaft bearing	as requ.
	227 611	shim 0,3 mm, transmission clutch shaft bearing	as requ.
	227 612	shim 0,1 mm, transmission clutch shaft bearing	as requ.

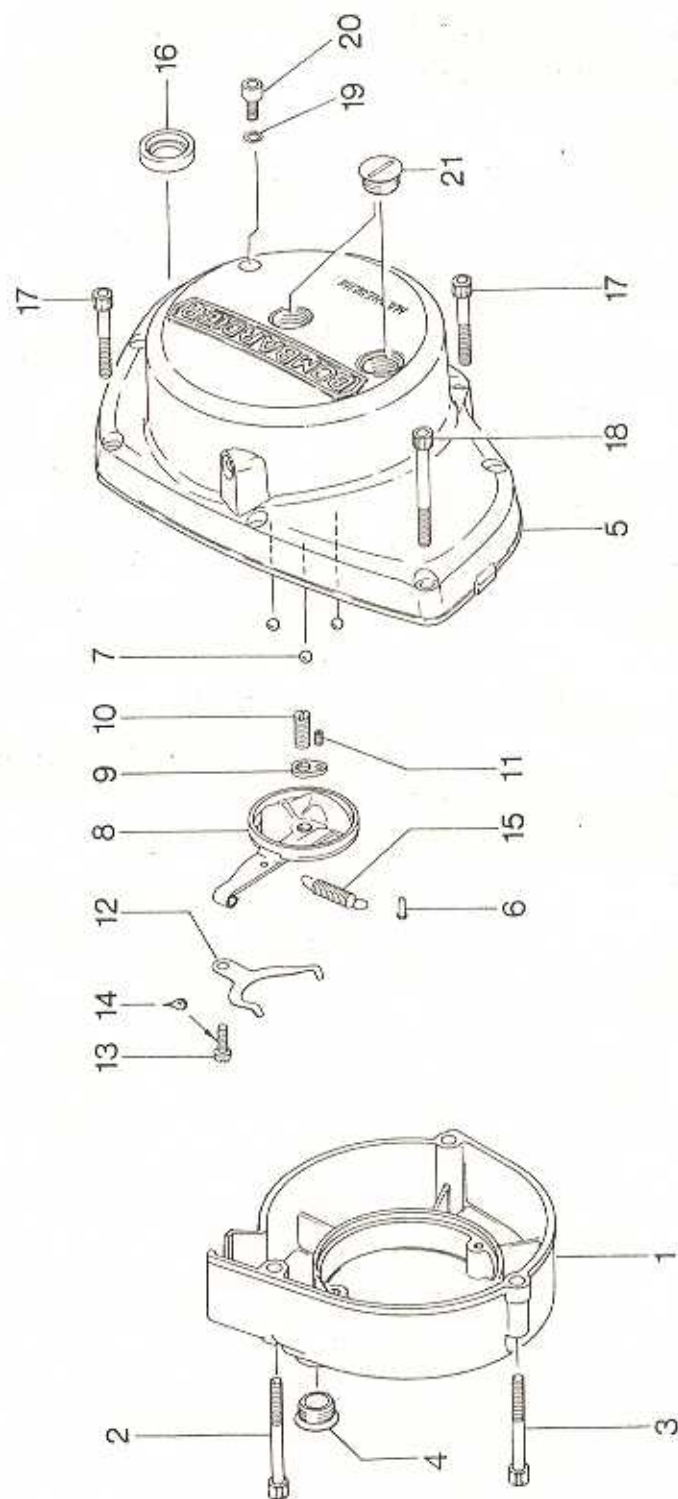
Ill. No.	Part No.	Description	Qty.
30	227 520	shim 0,5 mm, transmission main shaft bearing	as requ.
	227 521	shim 0,3 mm, transmission main shaft bearing	as requ.
	227 522	shim 0,1 mm, transmission main shaft bearing	as requ.
31	227 550	retaining plate, transmission bearings .	1
32	940 315	screw, countersunk slot head M5 x 12 . .	5
33	650 040	gasket ring	1
34	241 775	screw, kick starter stop	1
35	229 140	dowel 9,8 x 10, locating	2
36	240 340	stud M10 x 191, cylinder	4
37	899 682	LOCTITE 572 (white)	as requ.
38	899 783	LOCTITE 59 (violet)	as requ.



Crankshaft, Piston, Cylinder, Cylinder Head, Reed Valve

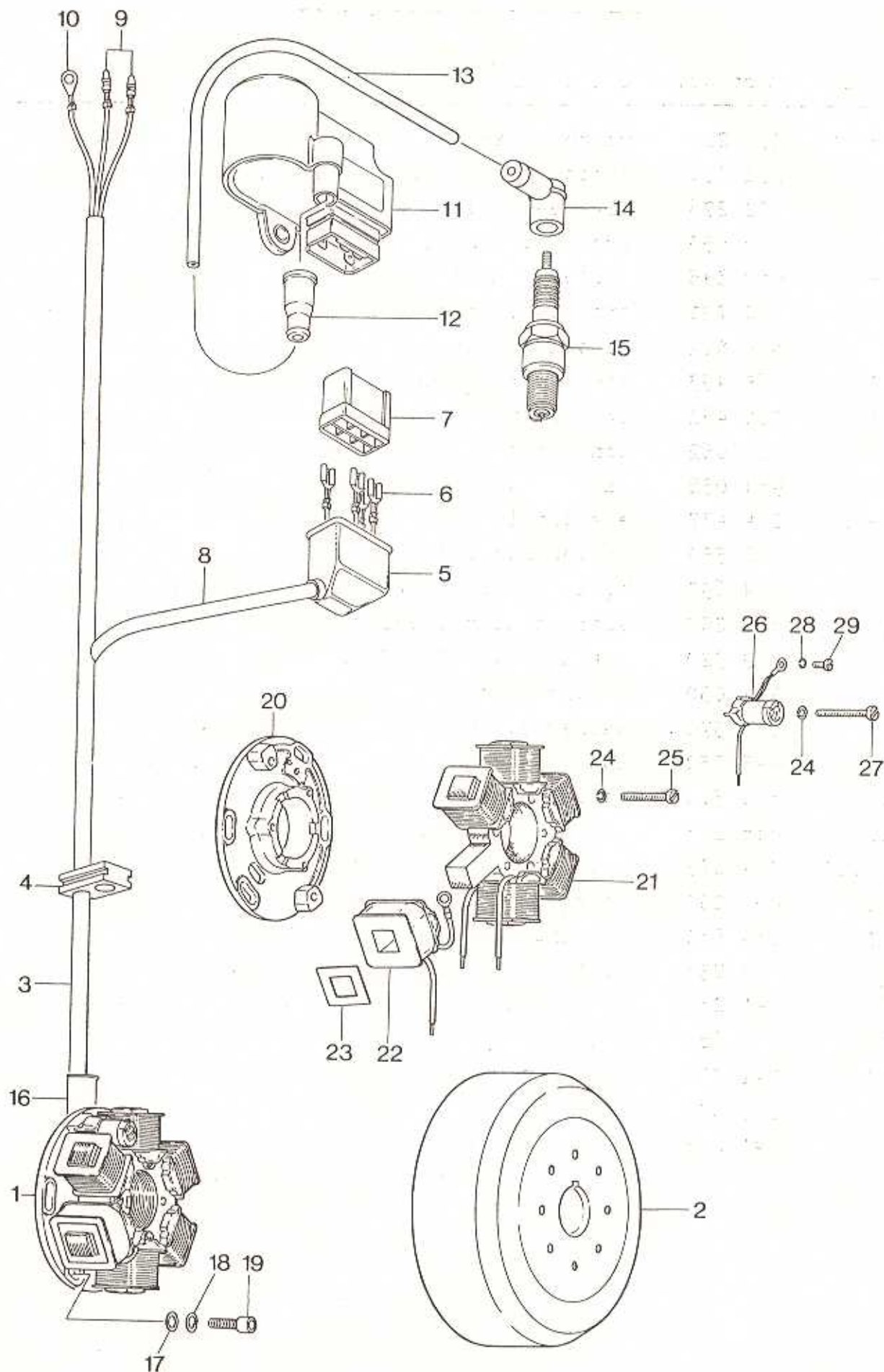
Ill. No.	Part No.	Description	Qty.
1	292 290	crankshaft assy.	1
2	827 410	shim, crankshaft, magneto side	1
3	944 582	shim 0,3 mm, crankshaft, magneto side	as requ.
	944 583	shim 0,1 mm, crankshaft, magneto side	as requ.
	944 586	shim 0,2 mm, crankshaft, magneto side	as requ.
4	932 570	ball bearing 6306, crankshaft	2
5	246 011	key, Woodruff, crankshaft, magneto side	1
6	245 400	lock washer 18	1
7	942 225	hex. nut M18 x 1,5, crankshaft, magneto side	1
8	292 139	drive gear with clutch drum assy. (re- place only drive gear with clutch drum assy.)	1
9	945 757	lock washer 18	1
10	942 220	nut M18 x 1,5, crankshaft, clutch side	1
11	932 904	needle bearing, piston pin	1
12,13,14	292 07 50	piston assy. w. rings 84,0 Ø, standard	1
	292 07 51	piston assy. w. rings 84,25 Ø, 1st oversize	1
	292 07 52	piston assy. w. rings 84,5 Ø, 2nd oversize	1
13	215 240	SEMI-trapez ring 84,0 Ø, standard	1
	215 241	SEMI-trapez ring 84,25 Ø, 1st oversize	1
	215 242	SEMI-trapez ring 84,5 Ø, 2nd oversize	1
14	215 250	rectangular ring 84,0 Ø, standard	1
	215 251	rectangular ring 84,25 Ø, 1st oversize	1
	215 252	rectangular ring 84,5 Ø, 2nd oversize	1
15	916 185	piston pin	1
16	945 735	circlip, piston pin	2
17	230 720	gasket, cylinder base	1
18	213 135	cylinder w. sleeve assy.	1
19	224 188	reed valve assy.	1
20	224 183	reed valve plate	1
21	224 160	reed pedal	1
22	224 175	reed pedal stop	1
23	245 090	lock washer 3	4
24	240 350	screw M3 x 6	4

Ill. No.	Part No.	Description	Qty.
25	945 751	lock washer 6	2
26	940 085	cyl. screw M6 x 16	2
27	240 160	stud M10 x 86, cylinder head	2
28	230 730	shim, cylinder head	as requ.
29	213 125	cylinder head	1
30	927 410	washer 10,5, cylinder head nut	6
31	842 140	hex. nut M10, cylinder head	6
32	945 752	lock washer 8	2
33	840 680	cyl. screw M8 x 40	2
34	830 270	gasket, exhaust socket	1
35	273 694	exhaust socket assy.	1
36	224 067	spring bracket	2
37	240 080	cyl. screw M8 x 25, exhaust socket	2
38	213 140	cylinder sleeve	1
39	292 294	crankshaft repair kit	1
40	292 125	gasket set	1
41	899 783	LOCTITE 59 (violet)	as requ.
42	899 780	LOCTITE 270 (green)	as requ.



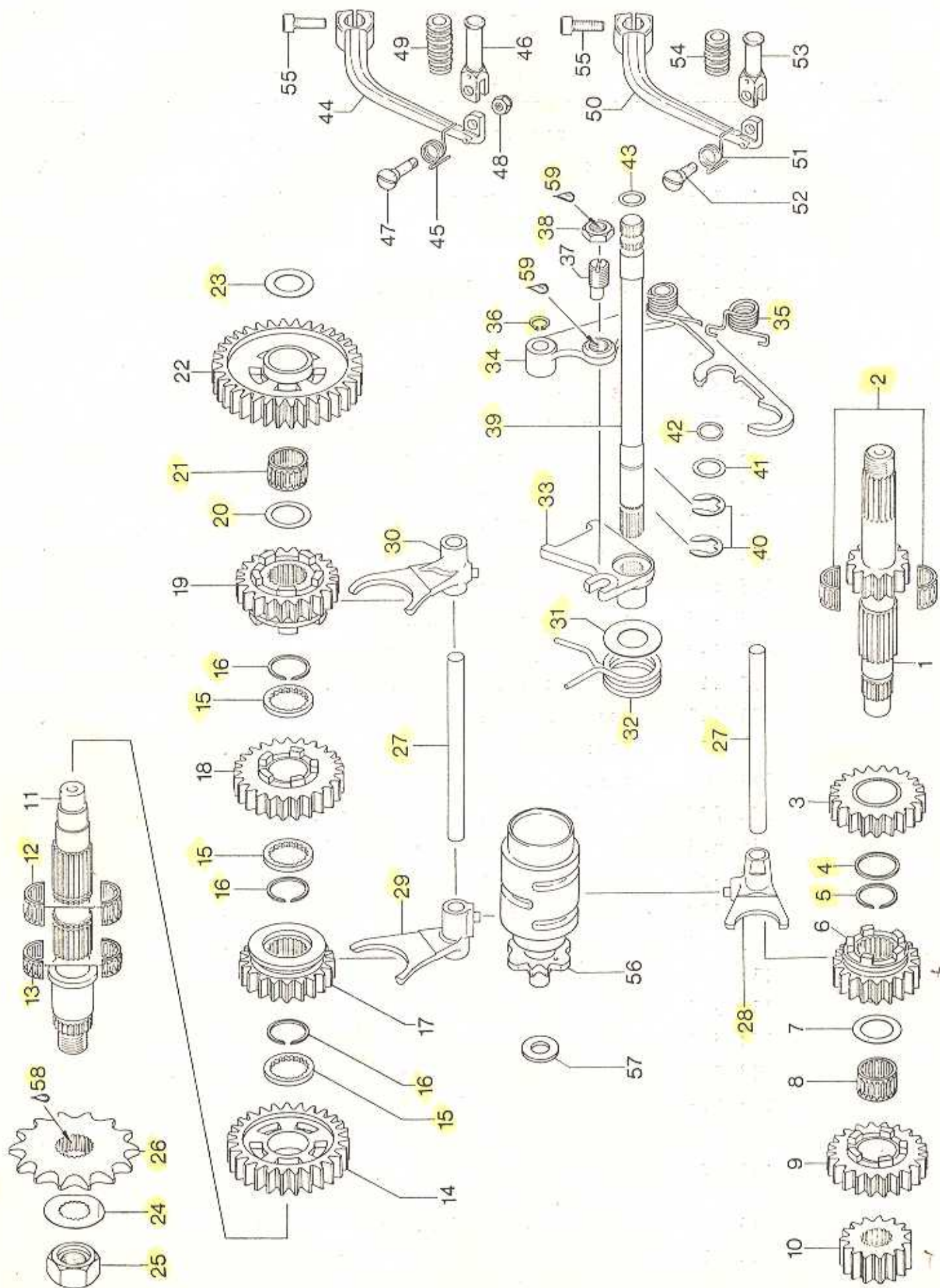
Magneto Cover, Clutch Cover

Ill. No.	Part No.	Description	Qty.
1	212 15 8 4	magneto cover	1
2	241 761	cyl. screw M6 x 50	2
3	241 821	cyl. screw M6 x 45	1
4	241 800	plug, adjustment	1
5,6	212 32 7 8	clutch cover assy.	1
6	949 030	drive pin 3 x 8	1
7	232 440	ball 7/32"	3
8	259 790	cam assy., clutch release	1
9	259 630	plate, clutch adjustment locking	1
10	240 310	screw M8 x 19,5, clutch adjustment	1
11	241 795	screw M4 x 6, clutch adjustment	1
12	239 660	spring, clutch cam retaining	1
13	240 560	screw, slot head M5 x 12	1
14	899 783	LOCTITE 59 (violet)	as requ.
15	239 630	spring, clutch cam return	1
16	230 355	seal, kick start shaft	1
17	241 811	screw, allen head M6 x 35	6
18	241 816	screw, allen head M6 x 40	2
19	830 890	sealing ring, oil level plug	1
20	840 370	plug, oil level	1
21	241 800	plug, adjustment	2



Magneto Generator 12V 60W

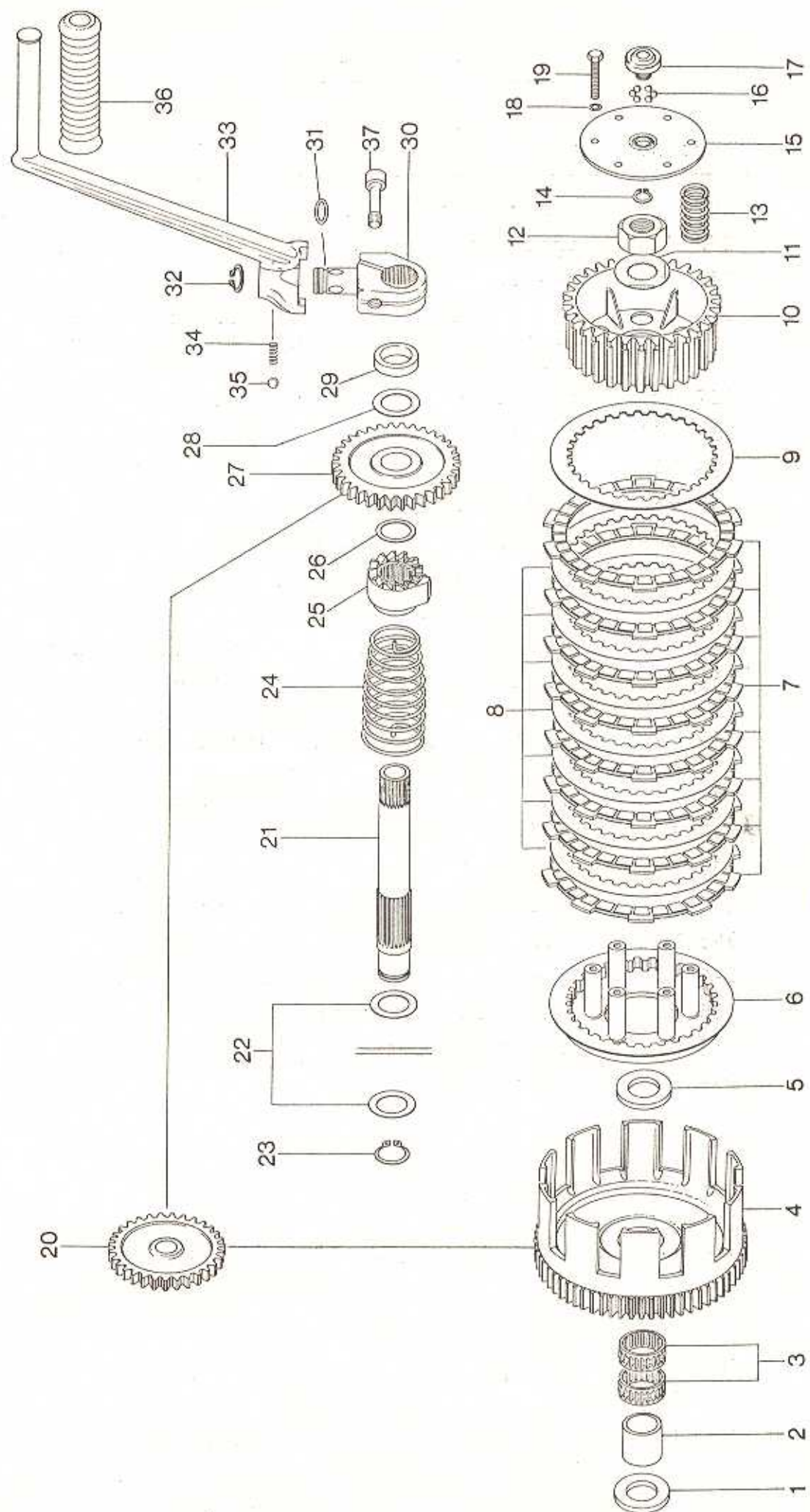
Ill. No.	Part No.	Description	Qty.
1 - 14	292 22 5 ⁷	magneto generator assy.	1
1,3 - 10	292 23 1 ²	stator plate assy.	1
2	292 276	flywheel assy.	1
3	260 433	protection hose 400 mm	1
4	260 345	cable grommet	1
5	960 791	protection cap	1
6	864 011	Faston connector	4
7	865 453	connector housing	1
8	260 462	protection hose 185 mm	1
9	964 062	contact pin	2
10	964 056	cable shoe M6	1
11 - 14	264 477	electronic box	1
12	960 550	protection cap	1
13	864 697	ignition cable 375 mm	1
14	865 200	spark plug protector	1
15	899 920	spark plug W275 T2	1
16	224 030	holder, cables	1
17	927 570	washer 5,3	2
18	945 750	lock washer 5	2
19	840 510	screw M5 x 16, allen head	2
20	866 245	stator plate alone	1
21,22,23	264 675	coil set with iron core assy.	1
22	866 230	charging coil	1
23	264 680	damping plate	1
24	945 758	lock washer 4	4
25	941 281	cyl. screw M4 x 25	3
26	264 660	trigger coil	1
27	241 325	cyl. screw M4 x 28	1
28	245 090	lock washer 3	1
29	941 205	cyl. screw M 3 x 6	1



Transmission

Ill. No.	Part No.	Description	Qty.
1 - 25	281 062	transmission assy.	1
1	237 565	clutch shaft, 11 t.	1
2	232 795	needle bearing assy., clutch shaft . . .	1
3	235 620	gear 4th, clutch shaft, 17 t.	1
4	227 475	thrust washer, clutch shaft	1
5	245 340	snapping, clutch shaft	1
6	235 601	gear 3rd, clutch shaft, 15 t.	1
7	227 445	thrust washer, clutch shaft	1
8	232 805	needle bearing, clutch shaft	1
9	235 665	gear 5th, clutch shaft, 23 t.	1
10	235 641	gear 2nd, clutch shaft, 12 t.	1
11	237 535	main shaft	1
12	232 800	needle bearing, main shaft	1
13	232 740	needle bearing, main shaft	1
14	235 650	gear 2nd, main shaft, 24 t.	1
15	227 465	thrust washer, main shaft	3
16	245 340	snapping, main shaft	3
17	235 110	gear 5th, main shaft, 21 t.	1
18	235 610	gear 3rd, main shaft, 21 t.	1
19	235 630	gear 4th, main shaft, 19 t.	1
20	944 468	thrust washer, main shaft	1
21	232 790	needle bearing, main shaft	1
22	235 522	gear 1st, main shaft, 32 t.	1
23	227 430	thrust washer, main shaft	1
24	245 390	washer, main shaft locking	1
25	242 650	hex. nut M20 x 1,5, main shaft	1
26	236 991	sprocket, 14 t.	1
	236 992	sprocket, 15 t.	1
27	258 540	pin, shift fork guide	2
28	258 725	fork, shifting 4 - 5	1
29	258 715	fork, shifting 2	1
30	258 705	fork, shifting 1 - 3	1
31	427 070	thrust washer, transmission actuating lever	1
32	239 640	spring, transmission actuating lever . .	1
33	258 575	lever, transmission actuating	1

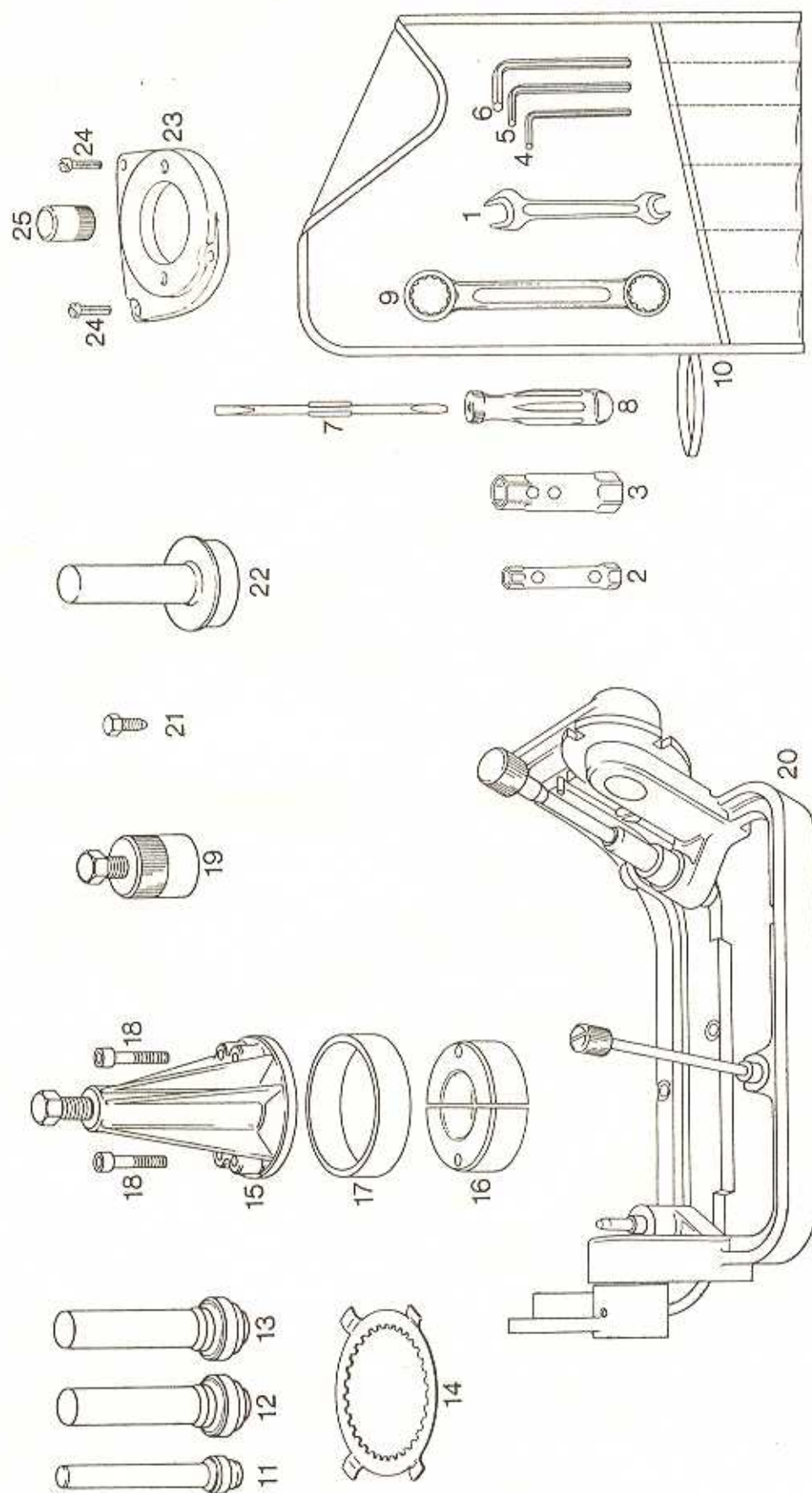
Ill. No.	Part No.	Description	Qty.
34	258 645	pawl assy.	1
35	239 650	spring, pawl	1
36	245 330	snapping 10 x 1	1
37	241 805	screw, pawl positioning	1
38	242 270	hex. nut M12 x 1, pawl positioning locking	1
39	237 510	shift shaft	1
40	945 790	retaining ring, shift shaft	2
41	944 851	thrust washer, shift shaft	1
42	230 451	O-ring, shift shaft	1
43	430 110	O-ring, shift shaft	1
44 - 49	248 915	shift lever assy. (execution with long folding lever)	1
44	248 910	shift lever	1
45	239 770	spring	1
46	248 900	folding lever (long execution)	1
47	240 140	bearing screw M6 x 25 (for long folding lever execution)	1
48	842 040	lock nut M6 (for long folding lever execution)	1
49	260 540	rubber, shift lever (for long folding lever execution)	1
50 - 54	248 917	shift lever assy. (execution with short folding lever)	1
50	248 910	shift lever	1
51	239 770	spring	1
52	240 145	bearing screw M6 x 19 (for short folding lever execution)	1
53	248 905	folding lever (short execution)	1
54	260 545	rubber, shift lever (for short folding lever execution)	1
55	241 930	screw, allen head M6 x 20	1
56	258 745	shift drum assy.	1
57	827 265	washer, shift drum	1
58	899 780	LOCTITE 270 (green)	as requ.
59	899 783	LOCTITE 59 (violet)	as requ.



Clutch, Kick Start

Ill. No.	Part No.	Description	Qty.
1	227 600	thrust washer, inner, clutch drum	1
2	232 700	inner race, clutch drum	1
3	232 650	needle bearing, clutch drum	2
4	292 139	drive gear with clutch drum assy. (re- place only drive gear with clutch drum assy.)	1
5	227 600	thrust washer, outer, clutch drum	1
6	259 570	plate, clutch, inner pressure	1
7	259 566	plate, clutch friction	8
8	259 557	plate, clutch driven	7
9	259 555	plate, clutch, outer pressure	1
10	259 775	clutch hub	1
11	245 320	washer, transmission shaft locking	1
12	242 605	hex. nut M18 x 1,5, transmission shaft	1
13	239 740	spring, clutch (change springs only setwise)	6
14 - 17	259 596	plate, clutch spring retaining with hub assy.	1
14	245 330	snapping 10 x 1	1
15	259 590	plate, clutch spring retaining	1
16	932 990	ball 5/32"	12
17	259 705	hub, clutch spring retaining	1
18	945 750	lock washer 5	6
19	241 770	screw, hex. head M5 x 25	6
20	235 207	gear, kick start idler, 31 t.	1
21	237 502	kick start shaft	1
22	944 468	thrust washer	2
23	945 660	snapping, kick start shaft	1
24	239 760	spring, kick start return	1
25	228 185	ratchet gear, kick start	1
26	227 480	thrust washer, kick gear	1
27	235 215	gear, kick start drive, 34 t.	1
28	944 468	thrust washer, kick start	1
29	247 350	distance sleeve 6 mm	1
30 - 36	248 895	lever assy., kick start	1
30 - 32	248 809	hub assy., kick start	1
31	230 461	O-ring, kick start hub	1

Ill. No.	Part No.	D e s c r i p t i o n	Qty.
32	945 845	snapping, kick start lever	1
33	248 890	lever, kick start	1
34	239 535	spring, kick start lever	1
35	232 440	ball 7/32", kick start lever	1
36	260 210	rubber sleeve, kick start	1
37	240 021	shaft screw M8 x 30	1



Tools

Ill. No.	Part No.	Description	Qty.
1 - 10	277 780	tool kit, owners	1
1	276 065	fork wrench 10/13 mm	1
2	876 220	socket wrench 11/13 mm	1
3	277 411	socket wrench 17/21 mm	1
4	277 790	wrench 4, int. hex. screw	1
5	876 360	wrench 5, int. hex. screw	1
6	277 810	wrench 6, int. hex. screw	1
7	277 830	insert for screw driver	1
8	277 840	grip for screw driver	1
9	277 825	ring wrench	1
10	876 195	tool bag	1
11	277 850	oil seal insertion jig, to mount oil seal 230 355	1
12	277 861	oil seal insertion jig, to mount oil seal 230 395	1
13	277 875	oil seal insertion jig, to mount oil seal 230 425	1
14	277 885	clutch hub locking tool	1
15	876 296	puller assy. for bearing on crankshaft .	1
16	977 470	ringhalf for puller, bearings on crank- shaft	2
17	977 490	ring for puller	1
18	840 680	cyl. screw w. int. hex. M8 x 40	2
19	277 807	puller assy. for flywheel	1
20	277 915	assembly trestle	1
21	241 965	locating bolt for crankshaft	1
22	276 940	plastic ring insertion jig	1
23	276 915	plate for puller, crankcase half	1
24	940 451	cyl. screw M6 x 25	3
25	276 920	protection cap	1