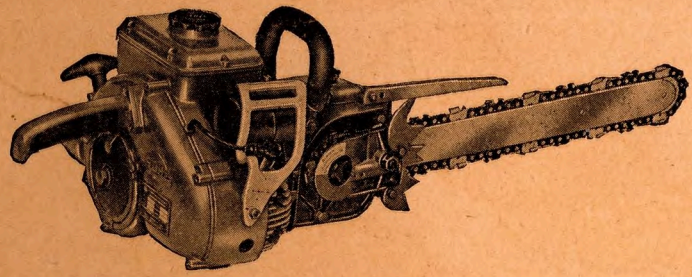
Spare Parts List

for

STIHL ONE-MAN POWER SAW

TYPE BLK

With Bing-Diaphragm-Carburetor



Andreas Stihl-Maschinenfabrik-Waiblingen-Neustadt/Württ.

Western Germany

11/58

STIHL Form 395/2000 11. 58 E

STIHL Manufacturing Programm

Power Chain Saws	With gasoline engine or electric motor for felling and bucking in the forests and saw mills. Special designs for stone cutting. Upon request also available with compressed air drive.
Attachments for the Power Saw type BLK	Brush cutter, clearing attachment, earth auger and planting auger attachment, pressure and suction pump.
Saw Chains (German and foreign patents)	With tubular rivets or solid rivets. Available in chipper chain design with chromium plated round tooth or in the conventional designs with pointed tooth. Outstanding cutting capacity.
Earth auger drills	Portable, with gasoline engine from 3,5—8,5 hp, for vertical borings up to a depth of 40 m and horizontal borings up to 16 m.
Petrol Engines	Aircooled, one cylinder, two stroke design, from 3—10 hp.
Diesel Engines	From 6—28 hp, single and twin cylinder, aircooled, two stroke design, of light weight and small dimensions.
Diesel Marine Engines	With connected reduction reverse gear. The ideal power unit for small boats.

Important!

In this parts list the STIHL One-Man Bantam-Weight Chain Saw Type BLK is subdivided into the following illustrations and the respective texts:

1. Cylinder, crankshaft, piston, cylinder head, clutch housing
2. Fan casing, starting device, fan wheel
3. Ignition system, flywheel, clutch, carburetor
4. Bing diaphragm carburetor
5. Transmission, oil pump
6. Transmission system
7. Exhaust muffler, clamping strap, guide bar, throttle control
8. Set of tools

Satisfactory working of the STIHL Power Chain Saw is ensured only if

ORIGINAL STIHL SPARE PARTS

are used, Therefore the exclusive use of "Original STIHL Spares" for repairing STIHL Power Saws is urgently recommended.

Guarantee claims will only be recognized when

ORIGINAL STIHL SPARE PARTS

have been used.

Please write here the number of your chain saw:

POWER CHAIN SAW No. _____

When inquiring about, or sending orders for spare parts please always state:

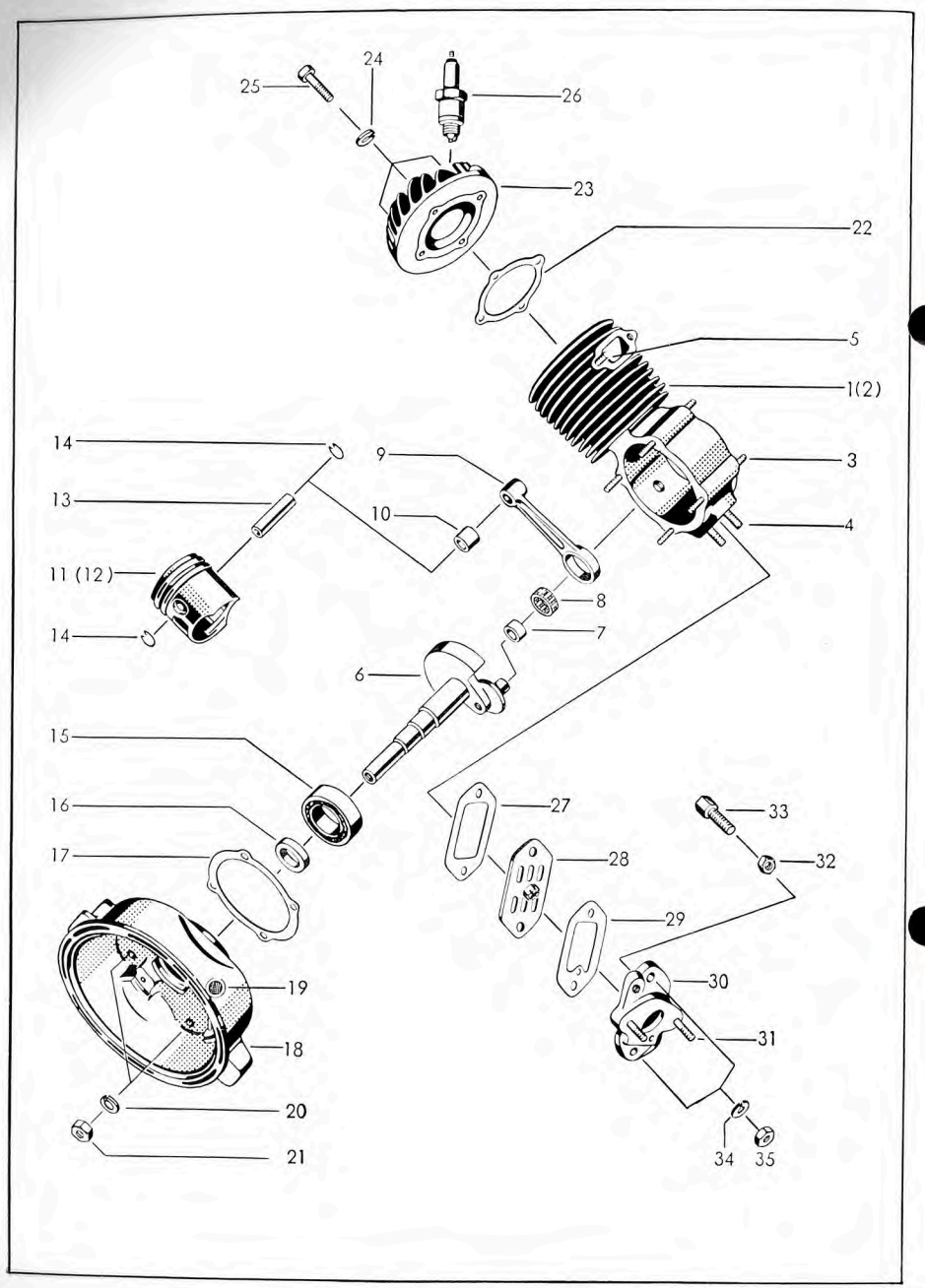
1. Type of power saw
2. Complete Serial No. of saw
3. Quantity of parts required
4. Exact designation of parts
5. Ref.-No. given in Parts List, not number of illustration
6. Mode of shipment desired
7. Full address
   For shipments by rail specify station.

Your kind cooperation in the above will enable me to give prompt attention to your requirements. If necessary, send old parts as sample.

If you experience any trouble with the chain saw or require advice, apply for assistance to the appointed STIHL agent or a qualified repair shop, or write direct to my works.

Illustration 1

Cylinder, Crankshaft, Piston, Cylinder Head, Clutch Housing



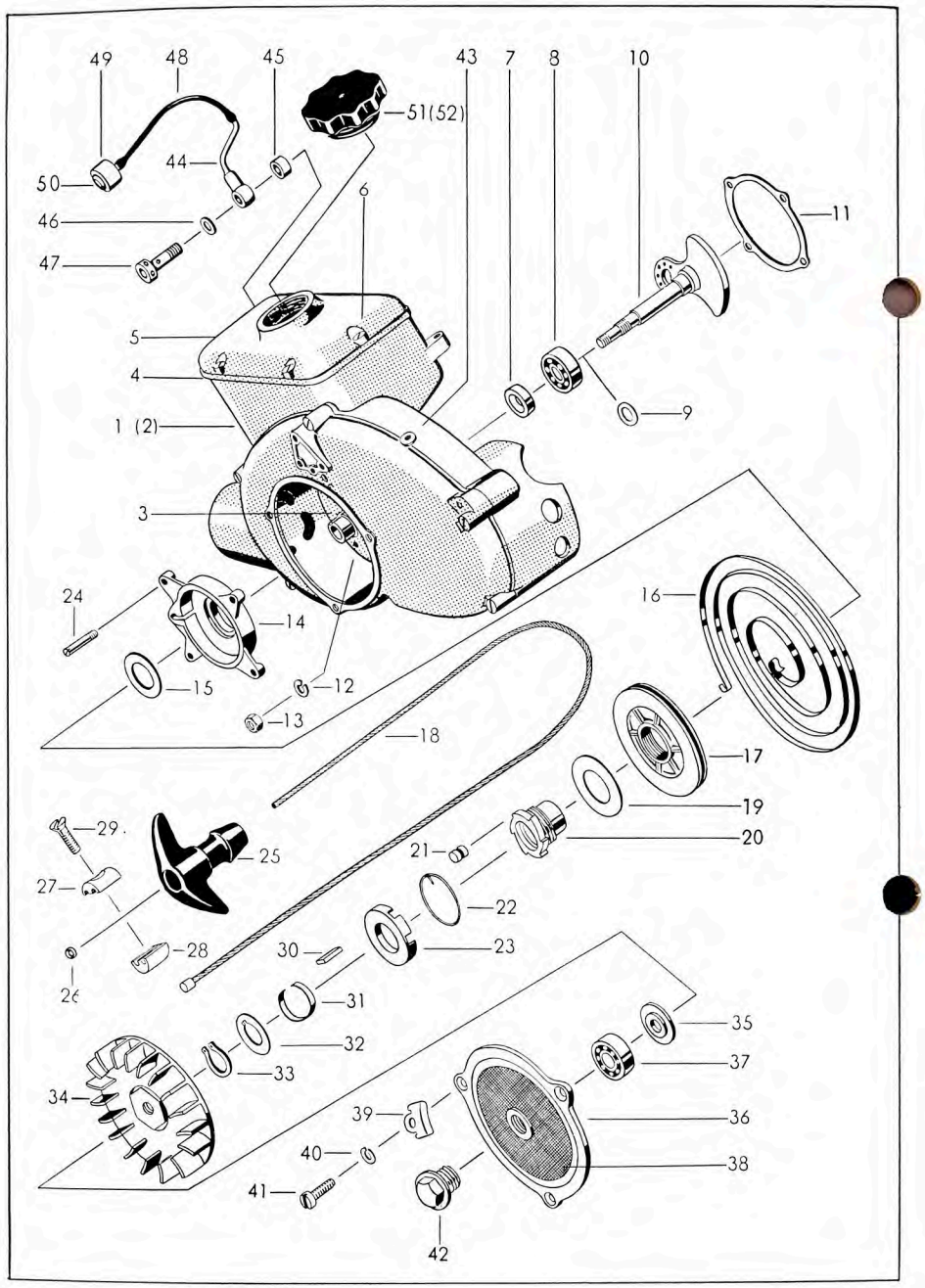
To Illustration 1

Cylinder, Crankshaft, Piston, Cylinder Head, Clutch Housing

Index-No.	Quantity	Part Name	Part-No.	Note
1	1	Cylinder complete consisting of index-No. 2, 3, 5 & 6 (only delivered together with piston compl. 23 C—U 3)	23 C—U 01	
2	1	Cylinder	Mahle No. 1 Z 170/2	
3	8	Stud	A M 6x15 DIN 835	
4	2	Stud	A M 6x18 DIN 835	
5	1	Stud	A M 6x12 DIN 835	
6	1	Crankshaft with ball race containing index-No. 8	23—U 19.3	
7	1	Ball race	23—31.1	
8	1	Needle cage	23—272	
9	1	Connecting rod complete containing index-No. 11	23—U 04.1	
10	1	Connecting rod bushing	23—34.1	
11	1	Piston complete consisting of index-No. 13 to 15	23 C—U 03	
12	1	Piston	23 C—03	
	2	Cylindrical notched pin	PN 123 a	
	2	Compression ring	54/49,7x2,5 FSCMR 110—R	
13	1	Piston pin	D 15x10x45 DIN 73121—K	
14	2	Circlip	A 15 DIN 73123	
15	1	Grooved bearing	6204 C 3 DIN 625	
16	1	Oil seal	A 20x30 DIN 6503	
17	1	Gasket	23—104	
18	1	Clutch housing complete containing index-No. 20	23—U 58	
19	1	Air strainer	23—197	
20	4	Lock washer	ATN 5101 6 mm inner diam.	
21	4	Spring lock nut	M 6 SNM 001	
22	1	Cylinder head gasket	23 C—02	
23	1	Cylinder head complete	23 C—U 02	
24	4	Lock washer	B 6 DIN 127	
25	4	Special cap screw	M 6x30 DIN 931	
26	1	Spark plug	14 DIN 72502 (Bosch W 225 T 7)	
27	1	Gasket	23—97.1	
28	1	Reed valve complete	23—U 79	
29	1	Gasket	23—264	
30	1	Carburetor flange	23—275	
31	2	Stud	M 6x15 DIN 835	
32	1	Nut	Pallas 1060	
33	1	Bowden wire setscrew	Pallas 4158—4	
34	2	Lock washer	B 6 DIN 127	
35	2	Hex nut	M 6 DIN 934	

Illustration 2

Fan Casing, Starting Device, Fan Wheel



To Illustration 2

Fan Casing, Starting Device, Fan Wheel

Index-No.	Quantity	Part Name	Part-No.	Note
1	1	Fan casing complete consisting of index-No. 2 to 6	23—U 50.1	
2	1	Fan casing with cover (part-No. 23—U 49 contains index-No. 3)	23—U 49	1
3	1	Bushing	23—37	2
4	1	Gasket	23—159	
5	1	Fuel tank cover	23—250	
6	6	Countersunk screw	E M 4x20 DIN 7513	
7	1	Oil seal	A 12x24 DIN 6503	
8	1	Grooved bearing	6002 C 3 DIN 625	
9	*	Spacer	23—117	3
10	1	Fan shaft	23—131.2	
11	1	Gasket	23—104	
12	4	Lock washer	ATN 5101 6 mm inner diam.	
13	4	Spring lock nut	M 6 SNM 001	
14	1	Spring housing	23—08	
15	1	Washer	23—38	
16	1	Rewind spring	23—U 51	
	1	Rope rotor with cam bushing consisting of index-No. 17 to 20	23—U 21.2	
17	1	Rope rotor	23—U 29.2	
18	1	Starting rope	23—U 07.1	
19	1	Shim	23—41.2	
20	1	Cam bushing	23—39.1	
21	6	Clamping roller	23—162	
22	1	Roller spring	23—163	
23	1	Roller guide	23—43.1	
24	4	Shoulder stud	M 5x20 DIN 427	
25	1	Handle	23—242	
26	1	Nipple	23—168	
27	1	Clamping piece plain	23—98	
28	1	Clamping piece threaded	23—99	
29	1	Countersunk screw	M 6x15 DIN 87	
30	1	Starter key	23—44.1	
31	1	Brake spring	23—45.1	
32	1	Washer	23—46	
33	1	Circlip	22x1,2 DIN 471	
34	1	Fan wheel complete	23—U 06.1	
	*	Shim	23—201	3; 4
35	1	Spacer	23—49.1	
36	1	Fan cover with bushing	23—U 61.1	
37	1	Grooved bearing	EL 8 DIN 625	
38	1	Air strainer	23—136.1	
39	3	Retaining plate	23—223	
40	3	Lock washer	ATN 5101 5 mm inner diam.	
41	3	Lens-head screw	M 5x15 DIN 85	
42	1	Cap	23—103	

Attention!

Make it a point always to use Genuine

Parts

To Illustration 2

Fan Casing, Starting Device, Fan Wheel

Index-No.	Quantity	Part Name	Part-No.	Note
43	3	Grommet	Bosch WNB 28/3 X	
44	1	Suction pipe complete	23—U 74	
45	1	Spacer	23—280	
46	1	Gasket	A 8x12 DIN 7603	
47	1	Hollow screw	23—249	
48	1	Hose	23—256	
49	1	strainer complete containing index-No. 50	23—U 75	
50	1	Felt insert	23—254	
51	1	Fuel filler cap complete consisting of:	23—U 77	
52	1	Fuel filler cap	23—239	
	1	Valve cap	23—240	5
	1	Gasket	46x55x3,5	5

Note 1: Can only be delivered complete owing to the method of working.

Note 2: Should not be supplied as a single unit, difficult to mount.

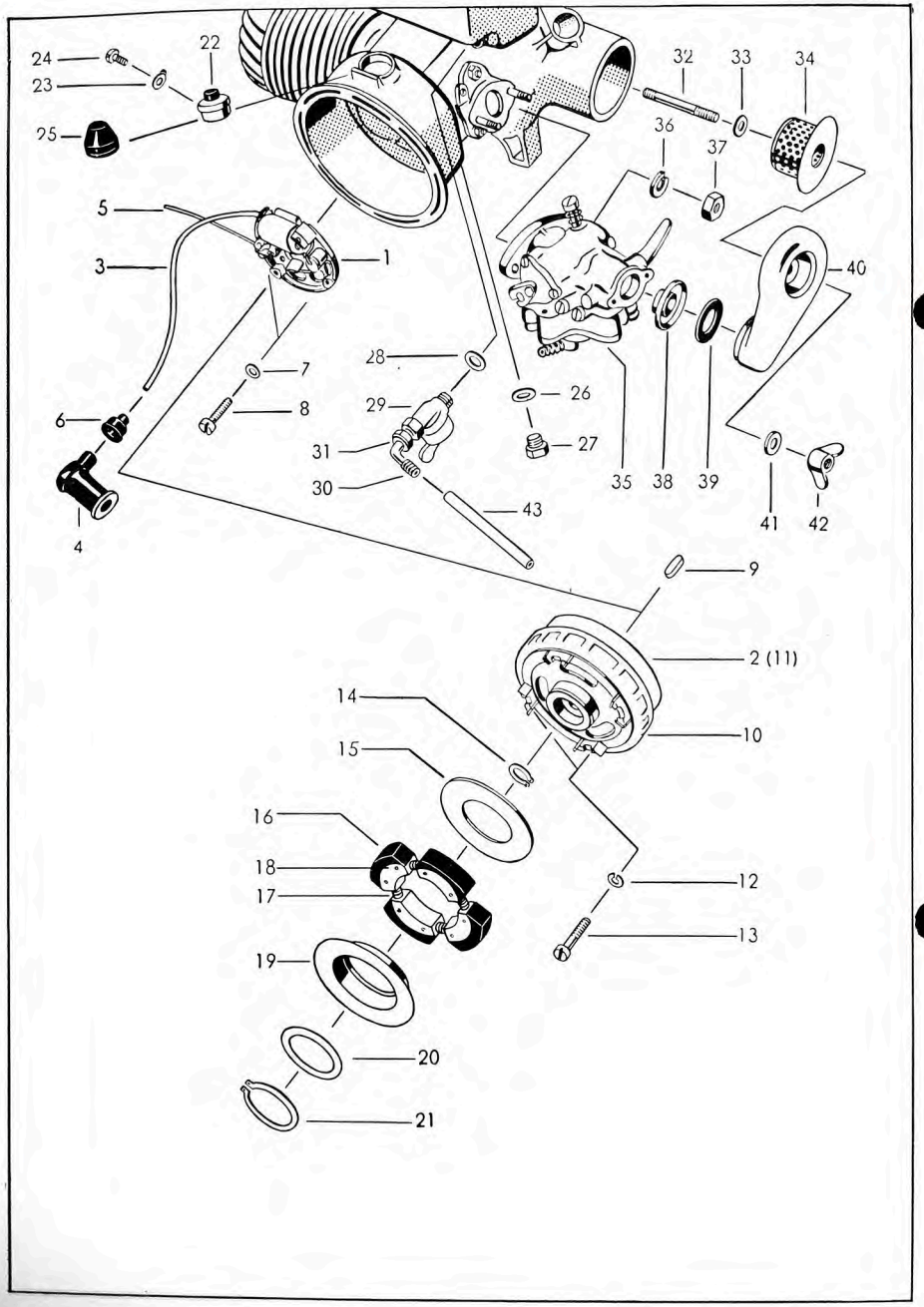
Note 3: Quantity according to demand.

Note 4: Not illustrated.

Note 5: Fitted into fuel filler cap complete.

Illustration 3

Ignition System, Flywheel, Clutch, Carburetor



To Illustration 3

Ignition System, Flywheel, Clutch, Carburetor

Index-No.	Quantity	Part Name	Part-No.	Note
	1	Flywheel magneto consisting of index-No. 1 to 6	Bosch MZ/UP 1/115/2	
1	1	Stator plate	LMPT 6 Z 16 Z	
		(The following parts in parentheses are contained in the stator plate:)		
	1	(Stator with coil)	MZAN 3 Z 6 Z	
	1	(Condenser)	ZKO 37 Z 40 Z	
	1	(Contact bank with point)	LMKT 2 Z 2 Z	
	1	(Breaker arm with point)	LMUH 1 Z 1 Z	
2	1	Magneto ring	LMRJ 1 Z 9 Z	
3	1	Ignition wire	5 diam. 334 long	
4	1	Ignition wire connector	KEA 7 J 11 Z	
5	1	Ignition switch wire	WEA 200 Z 173 Z	
6	1	Grommet	KENK 1 J 1 X	
8	2	Lock washer	A 4 DIN 137	
9	2	Screw	M 4x15 DIN 84	
10	1	Key	A 5x3x16 DIN 6885	
		Flywheel complete consisting of index-No. 11, 2, 12 & 13	23—U 18.2	
11	1	Flywheel with guides for centrifugal weights	23—U 64	
2	1	Magneto ring	LMRJ 1 Z 9 Z	1
12	4	Lock washer	ATN 5101 5 mm inner diam.	
13	4	Screw	M 5x30 DIN 84	
14	1	Circlip	16x1 DIN 471	
15	1	Cover plate	23—81	
	1	Clutch complete consisting of index-No. 16 to 19	23—U 44.2	
16	4	Centrifugal weight complete	23—U 57	
17	4	Clutch spring	23—80.2	
18	8	Pin	3x14 DIN 1481	
19	1	Clutch retainer	23—U 86	
20	1	Pressure spring	23—147.2	
21	1	Circlip	45x1,75 DIN 471	
22	1	Ignition stop button	AK 102	
23	2	Toothed washer	J 3,2 DIN 6797	
24	2	Round-headed screw	M 3x6 DIN 86	
25	1	Protecting cap	23—137	
26	1	Washer	A 12x18 DIN 7603	
27	1	Plug	A M 12x1,5 DIN 7604	
28	1	Gasket	18—332	
29	1	Fuel cock containing:	KARCO No. 15642/13	
	1	Gasket	KARCO No. 144	2
30	1	Angular nipple with strainer	KARCO No. 5023	
31	1	Union nut	KARCO No. 15.610—15	

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STIHL

Parts

To Illustration 3

Ignition System, Flywheel, Clutch, Carburetor

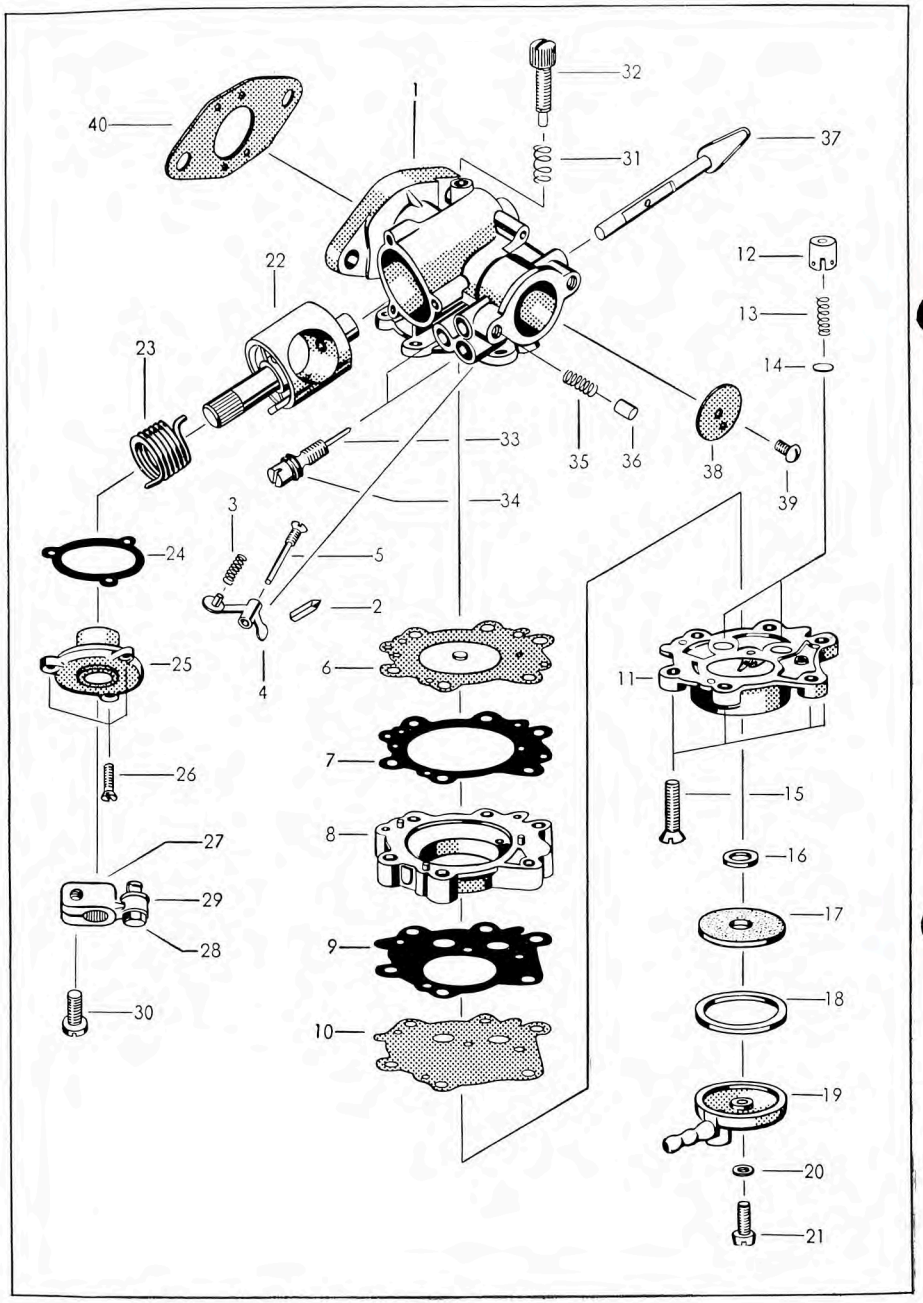
Index-No.	Quantity	Part Name	Part-No.	Note
32	1	Stud	A M 6x60 DIN 938	
33	1	Washer	A 5x9 DIN 7603	
34	1	Air filter	23—70.1	
35	1	Bing diaphragm carburetor	9/20/1	
36	2	Lock washer	B 6 DIN 127	
37	2	Hex nut	M 6 DIN 934	
38	1	Adapter	23—U 73	
39	1	Gasket	23—255	
40	1	Filter cover	23—276	
41	1	Lock washer	A 6 DIN 137	
42	1	Wing nut	M 6 DIN 315	
43	1	Fuel line	8x4 diam. 200 long	

Note 1: Contained in flywheel magneto.

Note 2: Not illustrated.

Illustration 4

Bing Diaphragm Carburetor



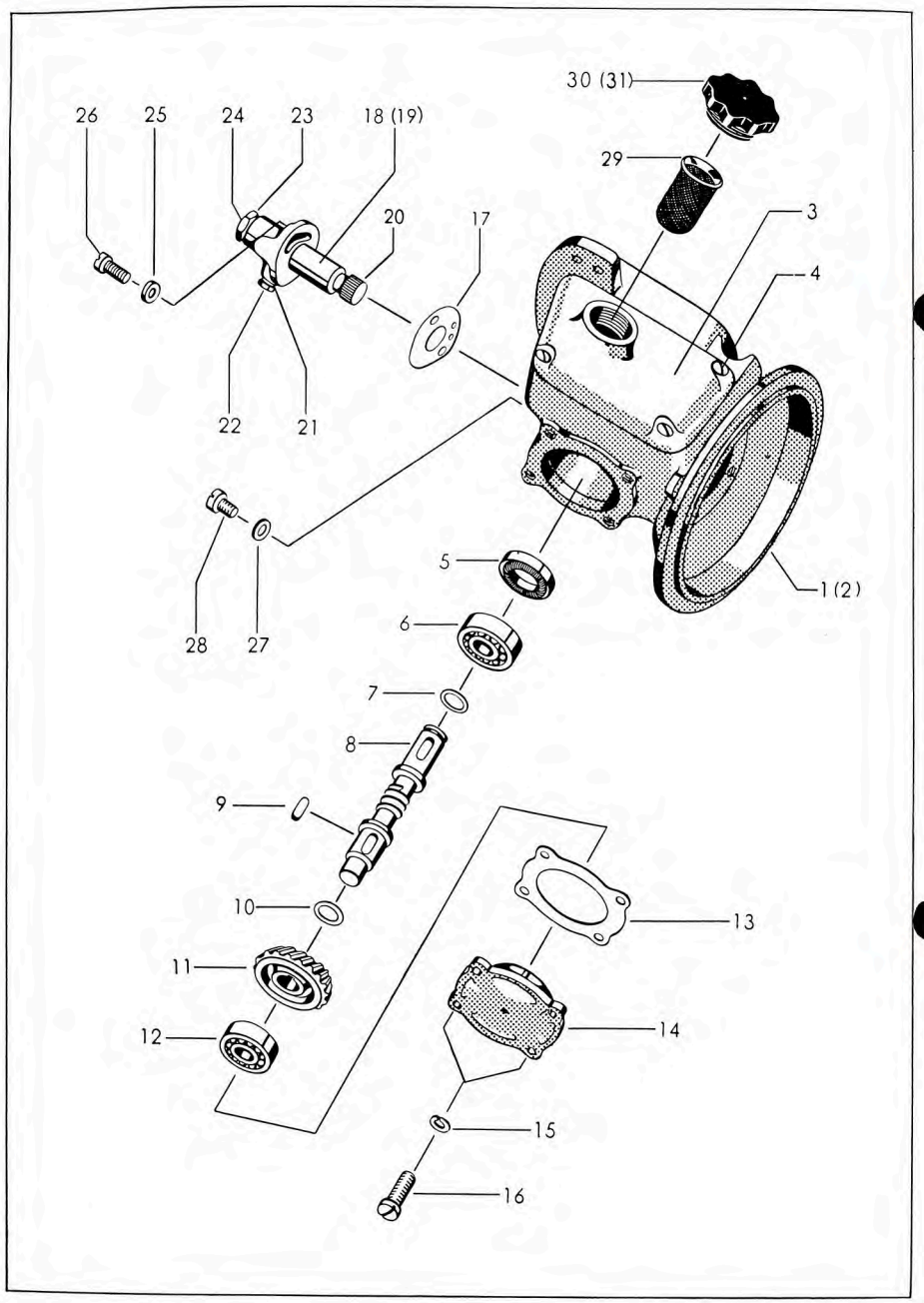
To Illustration 4

Bing Diaphragm Carburetor

Index-No.	Quantity	Part Name	Part-No.	Note
	1	Bing diaphragm carburetor consisting of index-No. 1 to 39	9/20/1	
1	1	Carburetor housing	Bing 14—030—20—022	
2	1	Float needle	Bing 47—056	
3	1	Spring	Bing 60—015	
4	1	Inlet control lever	Bing 57—265	
5	1	Stud	Bing 50—315	
6	1	Diaphragm	Bing 65—820	
7	1	Gasket	Bing 65—822	
8	1	Diaphragm cover	Bing 26—812	
9	1	Gasket	Bing 65—802	
10	1	Fuel pump diaphragm	Bing 65—800	
11	1	Fuel pump body	Bing 26—860	
	2	Valve cage assembled, each consisting of index-No. 12 to 14	Bing 57—910	
12	1	Valve cage	Bing 57—310	
13	1	Valve spring	Bing 60—017	
14	1	Valve plate	Bing 57—005	
15	6	Countersunk screw	Bing 40—532	
16	1	Washer	Bing 65—104	
17	1	Filter plate	Bing 57—750	
18	1	Gasket	Bing 65—420	
19	1	Cover plate	Bing 26—526	
20	1	Washer	Bing 65—060	
21	1	Screw	Bing 40—426	
22	1	Rotary valve	Bing 22—764—1	
23	1	Return spring	Bing 61—066	
24	1	Gasket	Bing 65—550	
25	1	Housing cover	Bing 26—532	
26	3	Countersunk screw	Bing 40—425	
	1	Throttle lever assembled consisting of index-No. 27 to 30	Bing 26—903	
27	1	Throttle lever	Bing 26—103	
28	1	Nipple	Bing 50—334	
29	1	Lock washer	Bing 61—624	
30	1	Screw	Bing 40—519	
31	1	Spring	Bing 60—150	
32	1	Air regulating screw	Bing 50—008	
33	2	Fuel regulating screw assembled, each containing index-No. 34	Bing 50—930	
34	2	Rubber seal	Bing 65—702	
35	1	Spring	Bing 60—022	
36	1	Pin	Bing 52—100	
37	1	Choke shaft with lever	Bing 52—972	
38	1	Shutter	Bing 57—820	
39	1	Screw	Bing 40—305	
40	1	Gasket	23—258	

Illustration 5

Transmission, Oil Pump



To Illustration 5

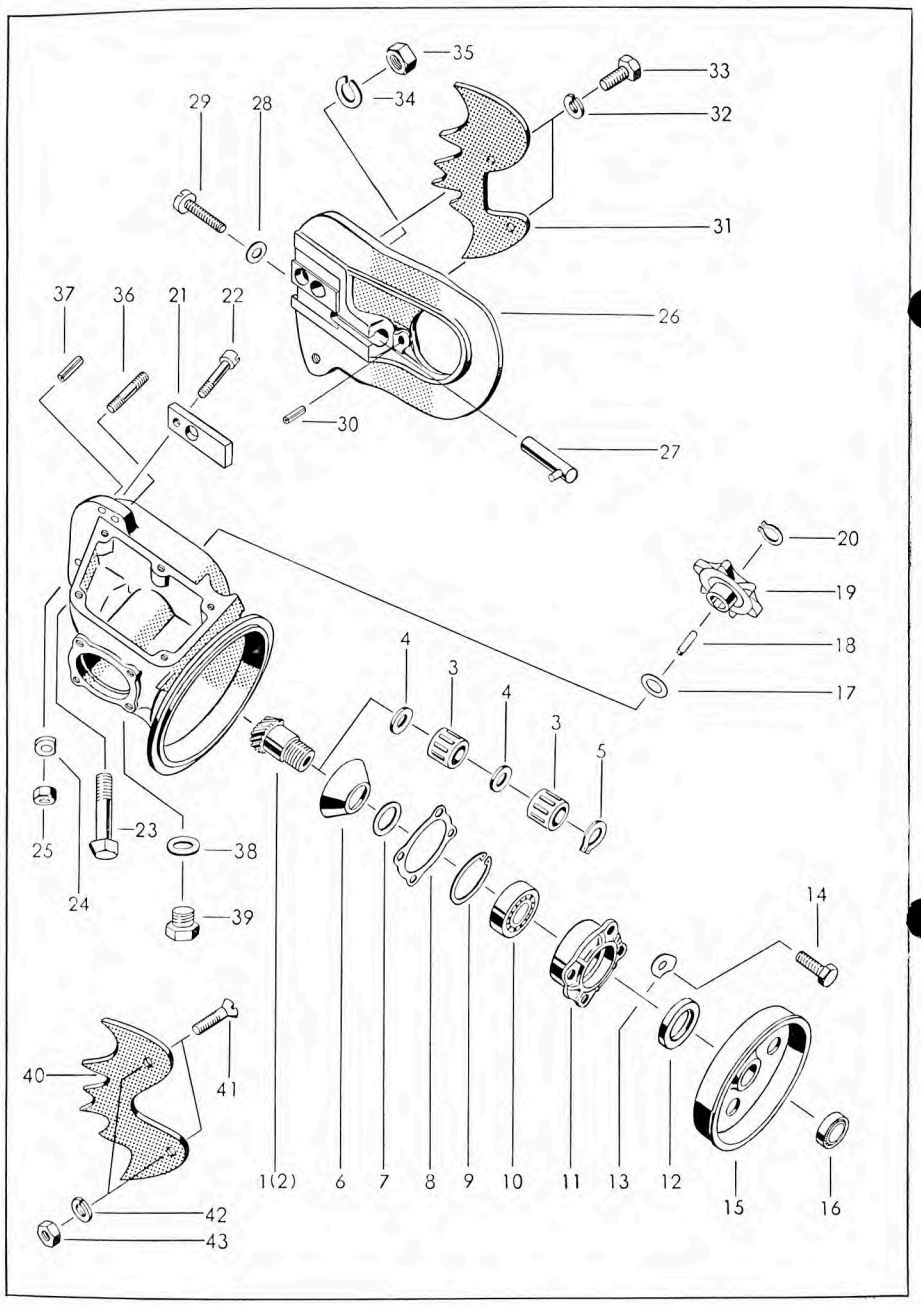
Transmission, Oil Pump

Index-No.	Quantity	Part Name	Part-No.	Note
	1	Transmission with bar connection consisting of Illustration 5 and 6 as well as the following index-Nos. of Illustration 7:39—44 and 46	G 23	
1	1	Transmission housing with oil tank cover consisting of index-No. 2 to 4	23—U 15.3	
2	1	Transmission housing	23—14.2	
	1	Plug	23—93	1
3	1	Oil tank cover	23—251	
4	5	Countersunk screw	EM 4x20 DIN 7513	
5	1	Oil seal	A 22x32 DIN 6503	
6	1	Grooved bearing	NUL 15 C 3	
7	*	Spacer	266—12	2
8	1	Sprocket shaft	23—62	
9	1	Key	A 5x3x14 DIN 6885	
10	*	Spacer	23—118	2
11	1	Bevel gear (only delivered together with drive pinion compl. 23—U 85)	23—282	
12	1	Grooved bearing	6201 C 3 DIN 625	
13	*	Gasket	23—64	2
14	1	Bearing cover	23—U 62.1	
15	4	Lock washer	ATN 5101 5 mm inner diam.	
16	4	Screw	M 5x18 DIN 85	
17	1	Gasket	23—61	
18	1	Oil pump consisting of index-No. 19 to 24	23—U 22.1	3
19	1	Pump housing	23—U 80	
20	1	Plug	20—131	
	1	Pump piston	23—60.1	1
21	1	Toothed washer	A 5,3 DIN 6797	
22	1	Guide screw	82—71	
23	1	Washer	A 12x16 DIN 7603	
24	1	Plug	82—77	
25	2	Washer	A 4x8 DIN 7603	
26	2	Screw	M 4x15 DIN 84	
27	1	Washer	A 6x10 DIN 7603	
28	1	Screw	M 6x10 DIN 84	
29	1	Oil strainer	23—U 42	
30	1	Oil filler cap complete consisting of:	23—U 81	
31	1	Oil filler cap	23—243	
	1	Valve cap	23—240	4
	1	Gasket	28x34x3	4

Note 1: Not illustrated, pressed in.
Note 2: Quantity according to demand.
Note 3: Please don't repair oil pump, return damaged oil pump for exchange.
Note 4: Fitted into oil filler cap complete.

Illustration 6

Transmission



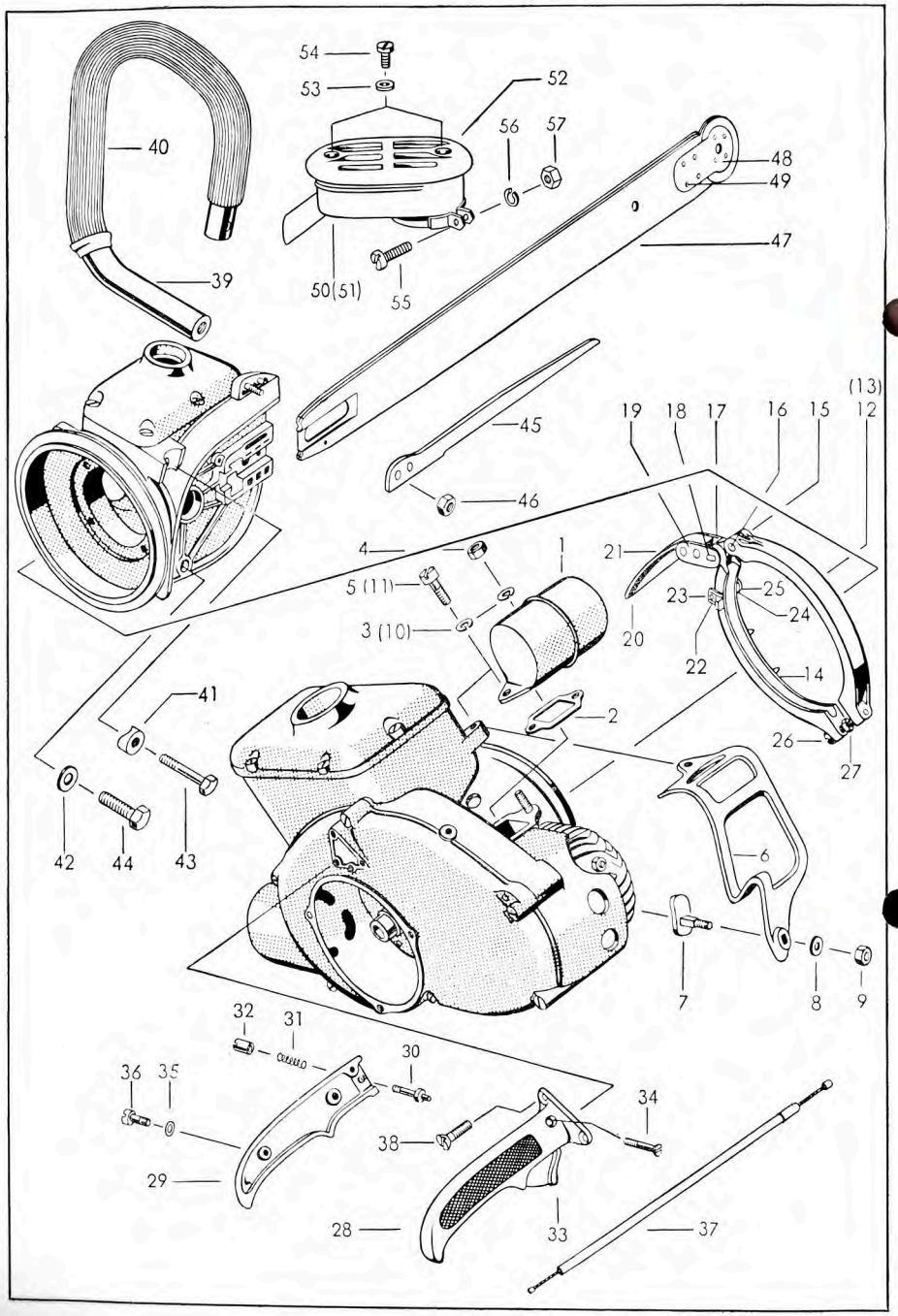
To Illustration 6

Transmission

Index-No.	Quantity	Part Name	Part-No.	Note
1	1	Drive pinion complete consisting of Index-No. 2 to 5 (only delivered together with bevel gear 23—282)	23—U 85	
2	1	Drive pinion	23—281	
3	2	Needle cage	K 14/18/10 F	
4	2	Spacer	23—228	
5	1	Circlip	J 18x1 V	
6	1	Splash ring	23—205	
7	*	Spacer	23—116	1
8	*	Gasket	23—208	1
9	1	Circlip	47x1,75 DIN 472	
10	1	Grooved bearing	6005 C 3 DIN 625	
11	1	Bearing flange	23—15	
12	1	Oil seal	D A 35x47x7 Diring No. 10229 D A	
13	4	Locking plate	23—209.1	
14	4	Hex.-head screw	M 6x18 DIN 933	
15	1	Clutch drum complete	23—U 09.1	
16	1	Oil seal	F 400/14x24x7 Diring	
17	1	Gasket	23—150.1	
18	1	Key	A 5x3x14 DIN 6885	
19	1	Chain drive sprocket	23—164.1	
20	1	Circlip	14x1 DIN 471	
21	1	Guide ledge	23—183	
22	1	Guide bolt	23—192	
23	1	Hex.-head Screw	23—181	
24	1	Nut lock	23—182	
25	1	Spring lock nut	M 6 SNM 001	
	1	Sprocket cover complete consisting of index-No. 26 to 33	23—U 60.2	
26	1	Sprocket cover with threaded inserts	23—U 66	
27	1	Adjusting nut complete	23—U 53	
28	1	Lock washer	A 8 DIN 137	
29	1	Tightening screw	23—177	
30	1	Pin	4x10 DIN 1481	
31	1	Spiked bumper, right-hand	23—236.1	
32	2	Lock washer	A 6 DIN 127	
33	2	Hex.-head screw	M 6x15 DIN 933	
34	1	Lock washer	ATN 5101 12 mm inner diam.	
35	1	Hex nut	M 12x1,5 DIN 934	
36	1	Stud	M 6x12/10 StNF 01	
37	1	Pin	6x16 DIN 1481	
38	1	Washer	A 12x18 DIN 7603	
39	1	Plug	A M 12x1,5 DIN 7604	
40	1	Spiked bumper, left-hand	23—237.1	
41	2	Countersunk screw	M 6x15 DIN 87	
42	2	Lock washer	ATN 5101 6 mm inner diam.	
43	2	Hex nut	M 6 DIN 934	
		Note 1: Quantity according to demand.		

Illustration 7

Exhaust Muffler, Clamping Ring, Cutter Bar, Throttle Control



To Illustration 7

Exhaust Muffler, Clamping Ring, Cutter Bar, Throttle Control

Index-No.	Quantity	Part Name	Part-No.	Note
1	1	Muffler	23—U 23.1	
2	1	Exhaust gasket	23—172	
3	2	Lock washer	A 6 DIN 127	
4	1	Hex nut	M 6 DIN 934	
5	1	Screw	M 6x15 DIN 84	
6	1	Guard	23—158.1	
7	1	Claw	23—U 41	
8	1	Washer	6,4 DIN 125	
9	1	Hex nut	M 6 DIN 934	
10	1	Lock washer	B 6 DIN 127	
11	1	Screw	M 6x15 DIN 84	
12	1	Clamping ring consisting of index-No. 13 to 27	23—U 25.1	
13	1	Lower ring half	23—18.1	
14	1	Upper ring half	23—19.1	
15	1	Shackle	23—56	
16	1	Locking pin	B 6 h 9x18 DIN 7341	
17	2	Bushing	23—55	
18	1	Eccentric bolt	23—54	
19	2	Lateral plate	23—53	
20	1	Clamping lever	23—52	
21	2	Countersunk rivet	4x22 DIN 661	
22	1	Stop limit	23—57	
23	1	Stud	23—58	
24	1	Helical spring	23—59	
25	1	Knurled nut	M 4 DIN 467	
26	1	Screw	A M 5x40 DIN 84	
27	1	Hex nut	M 5 DIN 934	
	1	Pistol grip complete consisting of Index-No. 28 to 36	23—U 24.6	
28	1	Pistol grip with grip plate	23—U 68.1	
	1	Grip half complete	23—U 70.1	
29	1	Grip half with grip plate	23—U 69.1	
30	1	Locking bolt	23—226	
31	1	Helical spring	23—225	
32	1	Trigger lock button	23—224	
33	1	Trigger	23—261	
34	1	Countersunk screw	23—222	
35	2	Toothed washer	J 4,3 DIN 6797	
36	2	Screw	M 4x15 DIN 84	
37	1	Throttle control cable	23—U 87	
38	1	Countersunk screw	M 6x22 DIN 91	1
39	1	Handle complete containing Index-No. 40	23—U 56.1	
40	1	Rubber sleeve	23—284	

Attention!

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Parts

To Illustration 7

Exhaust Muffler, Clamping Ring, Cutter Bar, Throttle Control

Index-No.	Quantity	Part Name	Part-No.	Note
41	1	Thrust washer	23—83	
42	1	Washer	8,4 DIN 125	
43	1	Hex.-head screw	M 6x40 DIN 931	
44	1	Hex.-head screw	M 8x25 DIN 931	
45	1	Chain guard	23—84	
46	1	Spring lock nut	M 6 SNM 001	
47	1	Cutter bar complete	23—U 89/30	1
	1	Cutter bar complete	23—U 89/40	2
	1	Cutter bar complete	23—U 89/50	3
	1	Cutter bar complete	23—U 89/60	4
		Index-No. 48 and 49 are contained in each of the above cutter bars		
48	1	Roller assembly	23—U 82	
49	4	Countersunk rivet	23—270	
		Only upon special request:		
50	1	Muffler with silencer complete consisting of index-No. 51 to 57	23—U 72.1	
51	1	Muffler with silencer	23—U 67.1	
52	1	Guard	23—263	
53	2	Toothed washer	J 5,3 DIN 6797	
54	2	Screw	AM 5x10 DIN 84	
55	1	Screw	M 5x18 DIN 84	
56	1	Lock washer	A 5 DIN 127	
57	1	Hex nut	M 5 DIN 934	

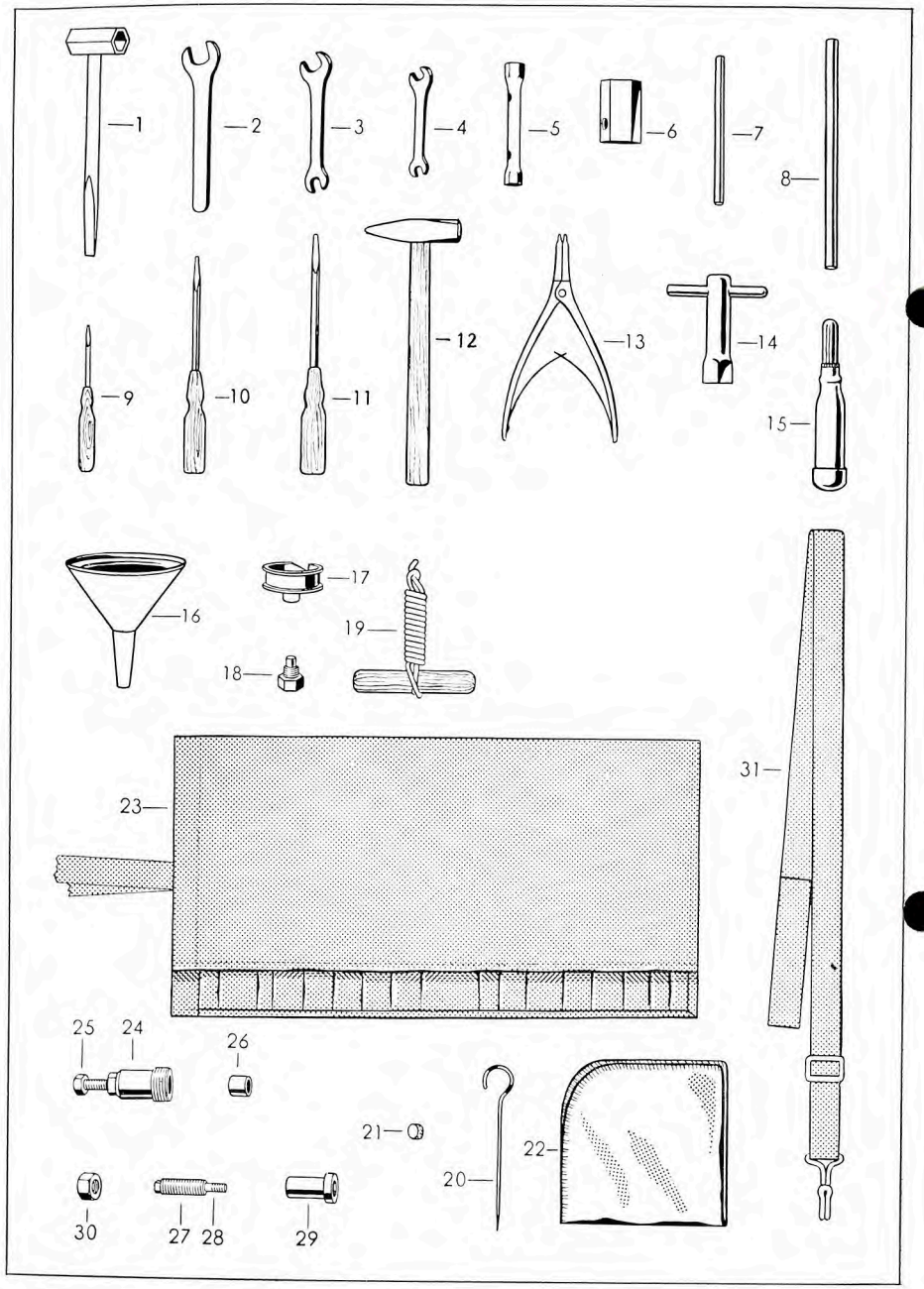
Note 1: For 30 cm (12″) cutting length.

Note 2: For 40 cm (16″) cutting length.

Note 3: For 50 cm (20″) cutting length.

Note 4: For 60 cm (24″) cutting length.

Illustration 8
Set of Tools



To Illustration 8
Set of Tools

Index-No.	Quantity	Part Name	Part-No.	Note
1	1	Chain tightening wrench	195—U 12	
2	1	Single-end wrench	17 DIN 894	
3	1	Double-end wrench	11x14 DIN 895	
4	1	Double-end wrench	8x9 DIN 895	
5	1	Box-end wrench	9x10 DIN 896	
6	1	Box-end wrench SW 32	195—12	
7	1	Handle for index-No. 5	A 6 DIN 900	
8	1	Handle for index-No. 6	A 10 DIN 900	
9	1	Screw driver	A 0,4 DIN 5270	
10	1	Screw driver	A 0,8 DIN 5270	
11	1	Screw driver	A 1,2 DIN 5270	
12	1	Hammer	200 DIN 1041 with 280x18,5 DIN 5111	
13	1	Circlip pliers	8000 A 2	
14	1	Spark plug wrench	195—U 05	
15	1	Grease gun	Contents 0,045 kg	
16	1	Splash proof funnel 125x80	U 577	
17	1	Emergency starting pulley	195—U 06.1	
18	1	Crankshaft locking plug	195—13	
19	1	Starting rope	195—U 04	
20	1	Lifting hook	195—44	
21	1	Felt insert	23—254	
22	1	Polishing cloth	yellow "X"	
23	1	Tool kit	195—28.1	
		Only upon special request:		
	1	Flywheel puller consisting of index-No. 24 to 26	195—U 03	
24	1	Puller sleeve	195—08	
25	1	Puller screw	173—39	
26	1	Protective cap	195—10	
	1	Pull-up tool consisting of index-No. 27 to 30	195—U 07	
27	1	Threaded bolt	195—19	
28	1	Stud	A M 6x18 DIN 835	
29	1	Bushing	195—20	
30	1	Hex nut	M 14 DIN 934	
31	1	Carrying strap	195—U 09	