SPARE PARTS CATALOGUE

ZÜNDAPP CITATION

PRINCETON CYCLE SHOP (598)
BOX 358
PRINCETON, KENTUCKY

ZÜNDAPP-WERKE G.M.B.H. · NÜRNBERG

page

Engine case and engine case cover . . . . . 5—7

Oil Pan and Oil Pump 9

Crankshaft, Piston 11

Shifting device 13

Cylinder and Cylinder head . . . . . 15—17

Carburettor 19

Driving Parts 21

Clutch 23

Generator 25

Frame and other parts 27

Front swinging arm suspension . . . . . 29—31

Telescopic front fork . . . . . 33—35

Front wheel 37

Rear wheel . . . . . 39—41

Swinging arm suspension 43

Handlebar 45

Foot brake lever 47

Bowden cables 49

Dual Seat, Tool box, Center stand 51

Fuel Tank 53

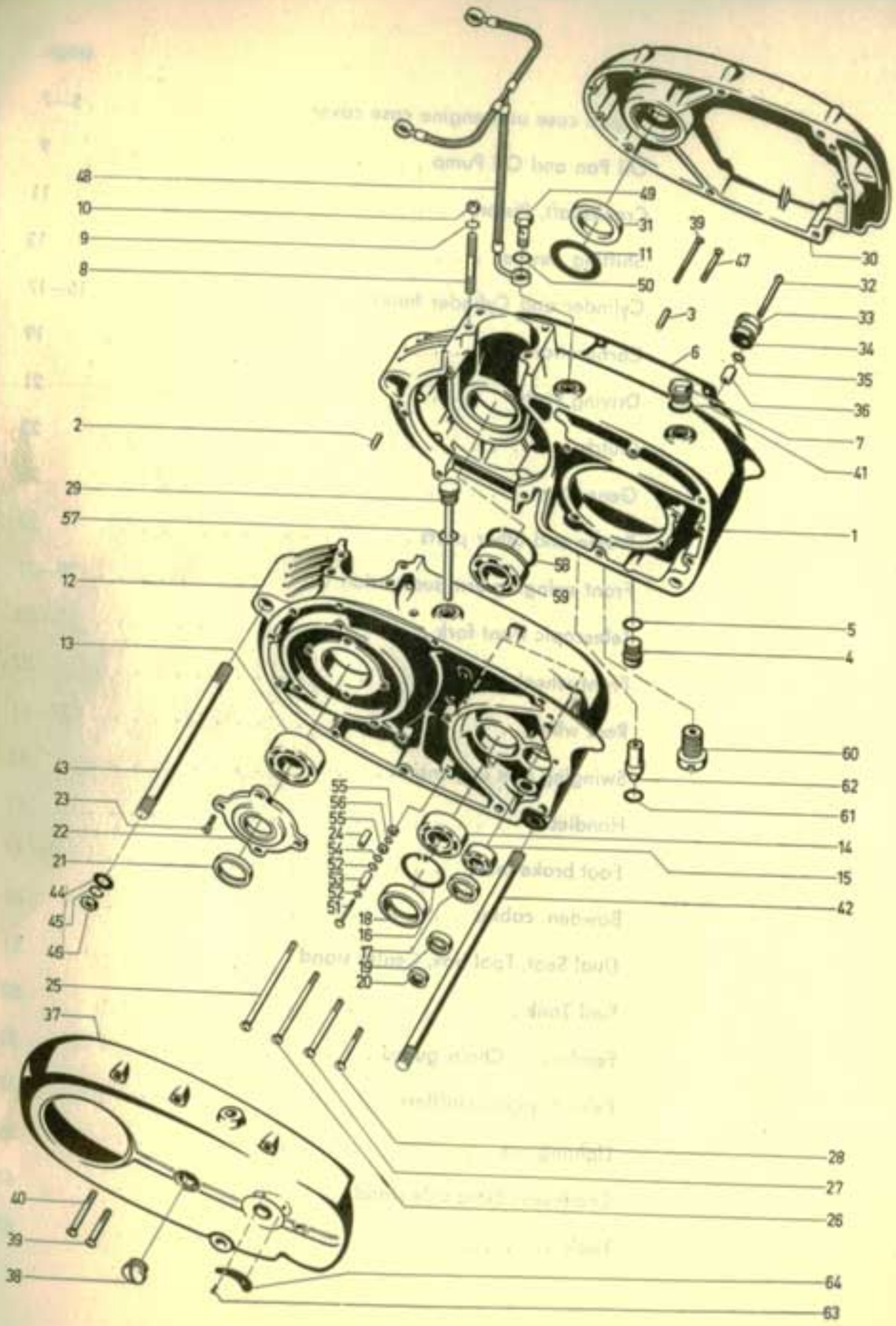
Fenders — Chain guard 55

Exhaust pipes, mufflers 57

Lighting set 59

Crash bar, Extra side stand 61

Tools 63

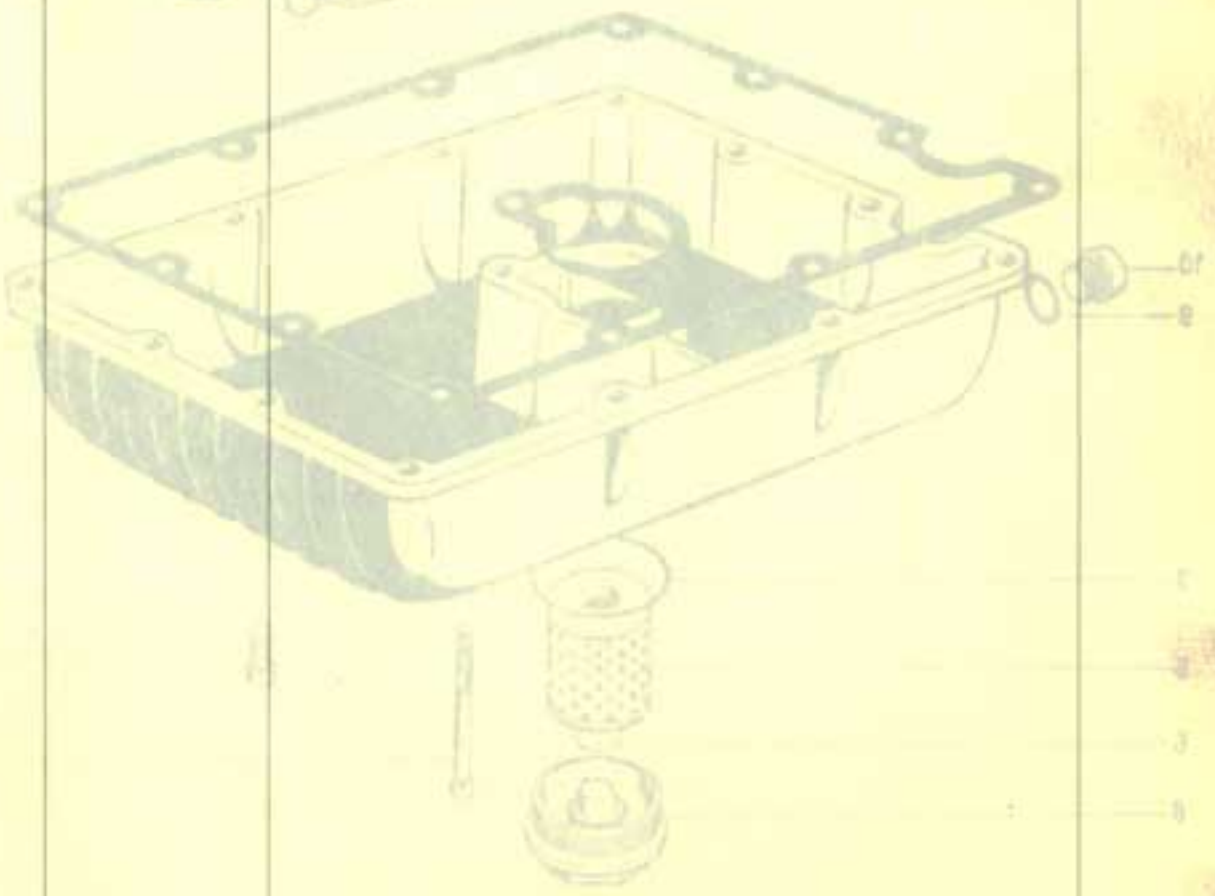


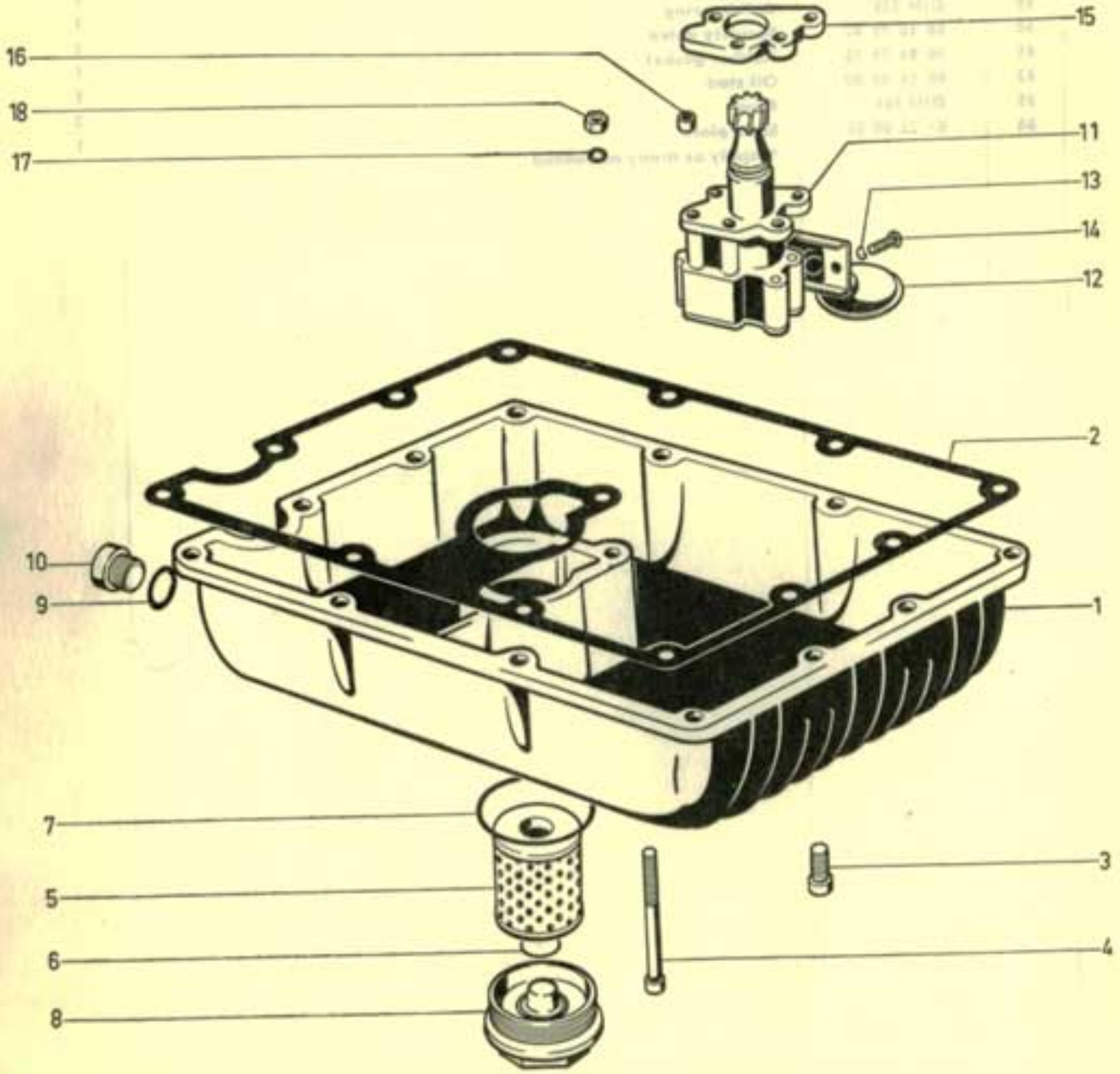
Engine case and engine case cover

Picture No.	Order No.	Designation	Quantity
1	23 11 02 00	Engine case, right	1
2	DIN 7	Cylindrical pin 8×20	2
3	DIN 7	Cylindrical pin 6×20	5
4	DIN 908	Screw plugM 14×1,5	1
5	DIN 7603	Seal ring C 14×18	1
6	07 22 90 01	Gasket for Engine case cover, right	1
7	03 22 12 00	Cover	1
8	00 91 45 02	Stud screw	8
9	DIN 127	Spring washer	8
10	00 91 18 11	Hexagon nut	8
11	00 91 35 102	Spacer shim	×
	00 91 35 103	Spacer shim	×
	00 91 35 104	Spacer shim	×
12	23 11 01 00	Engine case, left	1
13	DIN 5412	Roller bearing with inner ring NJM 25 Cna	1
14	DIN 5412	Roller bearing with inner ring NJM 20 C3na	1
15	DIN 625	Roller bearing with inner ring 6304 C3	1
16	DIN 472	Circlip 52×2	1
17	DIN 6504	Seal ring	1
18	DIN 6504	Seal ring	1
19	DIN 6504	Seal ring	1
20	DIN 6504	Seal ring	1
21	DIN 6504	Seal ring	1
22	23 11 55 00	Seal carrier	1
23	DIN 63	Oval head screw	4
24	07 22 41 01	Bushing for clutch pressure bolt	1
25	DIN 91	Oval head screw	1
26	DIN 91	Oval head screw	7
27	DIN 91	Oval head screw	1
28	DIN 91	Oval head screw	1
29	23 10 44 00	Dipstick	1
30	07 11 11 03	Engine case cover, right	1
31	DIN 6504	Seal ring	1
32	DIN 91	Oval head screw	1
33	00 94 79 06	Rubber roller	1
34	07 22 22 00–	Brake stop roller	1
35	DIN 6797	Spring washer	1
36	00 92 32 46	Spacer roller	1
37	07 11 10 02	Engine case cover, left	1
38	07 24 55 01	Screw plug	1
39	DIN 91	Oval head screw	16
40	DIN 91	Oval head screw	1
41	DIN 7603	Packing washer	1
42	07 32 51 00–	Engine fastening spindle, rear	1
43	07 32 52 02	Engine fastening spindle, front	1
44	00 91 30 39	Washer	2
45	DIN 127	Spring washer	2
46	DIN 934	Hexagon nut	2
47	DIN 91	Oval head screw	2
48	07 16 12 02	Oil Pipe	1
49	23 10 93 00	Hollow screw	1
50	DIN 7603	Packing washer	2
51	07 17 45 00	Contact screw for neutral indicator	1
52	00 94 15 17	Gasket	2
53	00 98 54 20	Isolating sleeve	1
54	00 91 30 01	Washer	1

Engine case and engine case cover

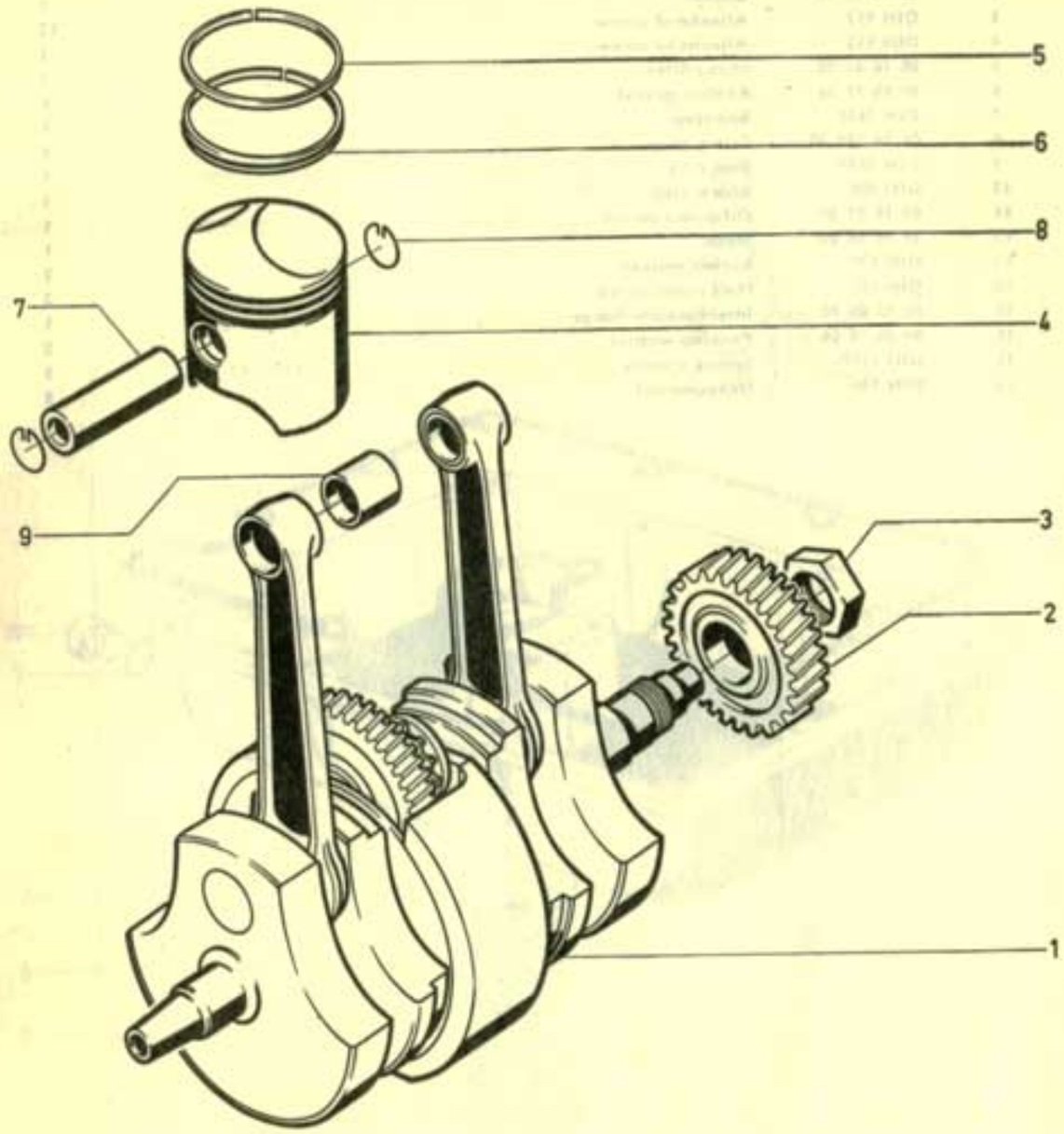
Picture No.	Order No.	Designation	Quantity
55	DIN 934	Hexagon nut M 4	2
56	DIN 127	Spring washer	1
57	DIN 7603	Packing washer	1
58	DIN 5417	Circlip	1
59	DIN 625	Ball bearing	1
60	08 10 99 00	Security valve	1
61	00 94 79 35	Rubber gasket	1
62	08 16 30 00	Oil stud	1
63	DIN 661	Rivet	2
64	07 23 09 00	Slide plate	1
		* apply as many as needed	





Oil Pan and Oil Pump

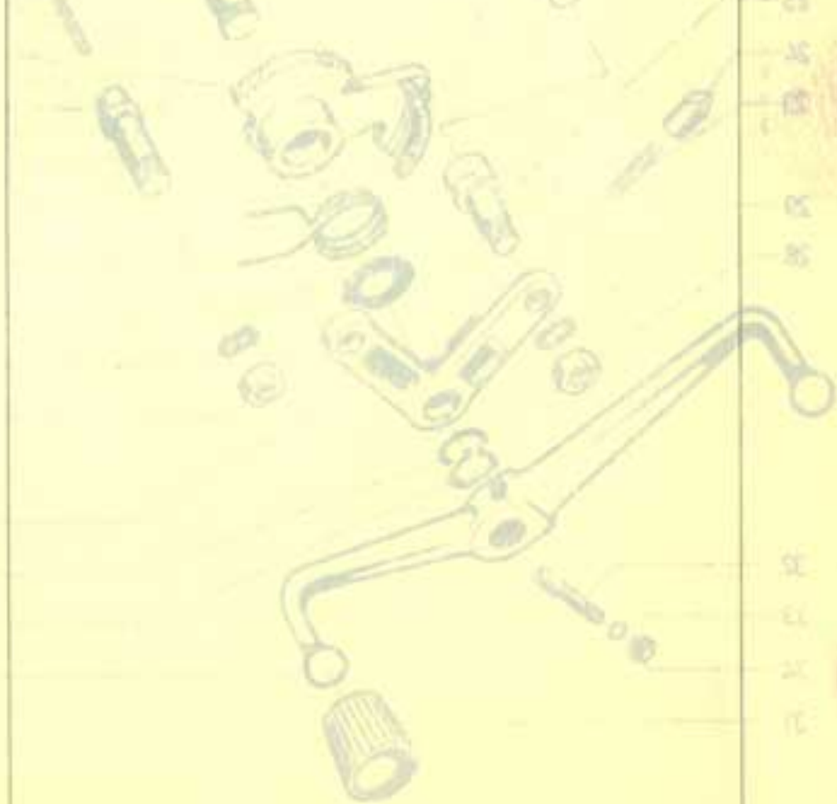
Picture No.	Order No.	Designation	Quantity
1	23 11 06 00	Oil Pan	1
2	23 11 96 00	Gasket	1
3	DIN 912	Allenhead screw	12
4	DIN 912	Allenhead screw	1
5	08 16 31 00	Micro filter	1
6	00 94 79 36	Rubber gasket	1
7	DIN 7603	Sealring	1
8	08 10 100 00	Screw plug	1
9	DIN 7603	Seal ring	1
10	DIN 908	Screw plug	1
11	08 16 01 01	Oil pump compl.	1
12	23 16 56 00	Sieve	1
13	DIN 127	Spring washer	2
14	DIN 86	Half round screw	2
15	18 16 05 00	Intermediate flange	1
16	00 94 15 04	Packing washer	2
17	DIN 6797	Spring washer	3
18	DIN 934	Hexagon nut	3

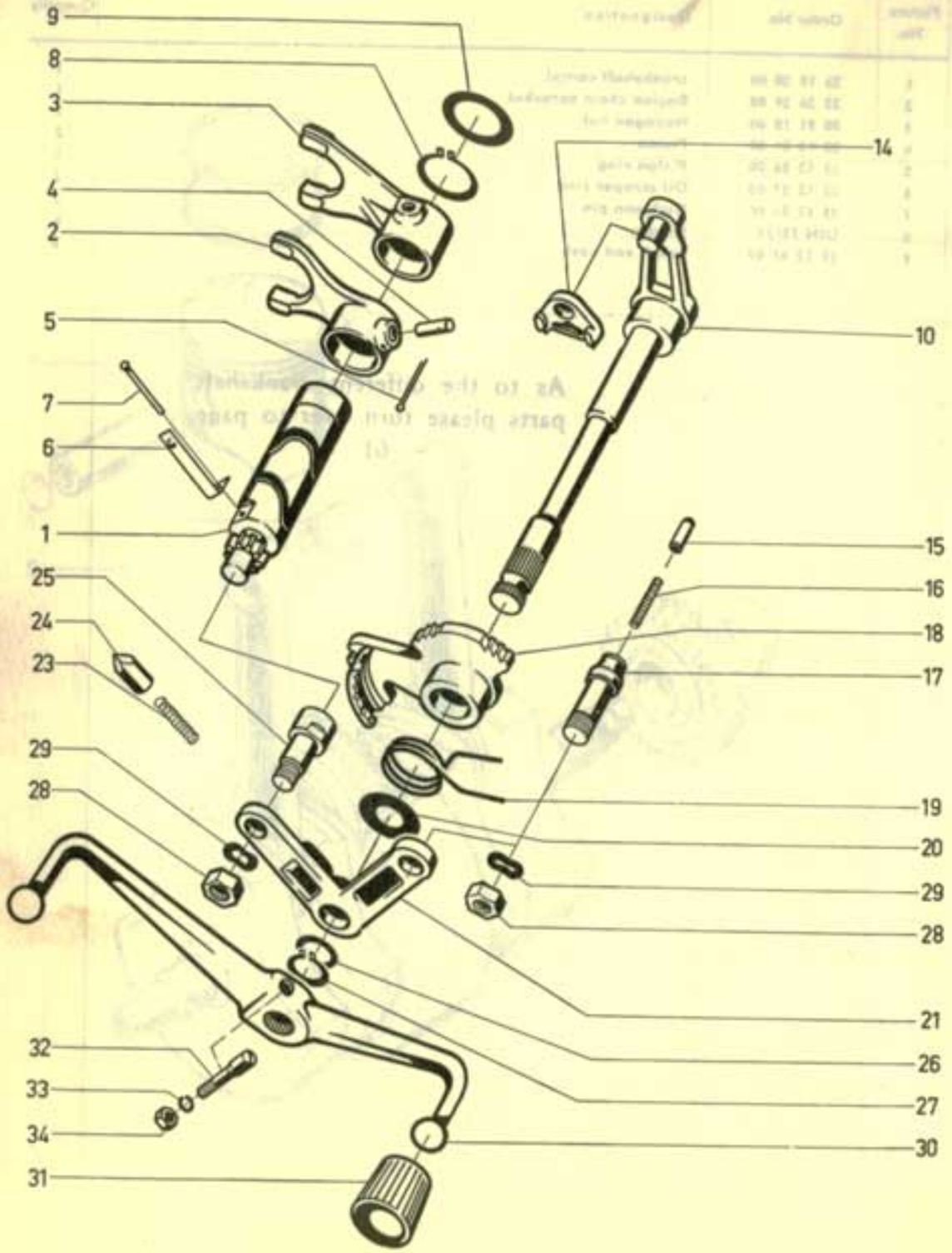


Crankshaft, Piston

Picture No.	Order No.	Designation	Quantity
1	23 10 20 00	crankshaft compl.	1
2	23 24 29 00	Engine chain sprocket	1
3	00 91 18 60	Hexagon nut	1
4	23 12 51 00	Piston	2
5	23 12 56 00	Piston ring	4
6	23 12 57 00	Oil scraper ring	2
7	23 12 54 00	Gudgeon pin	2
8	DIN 73123	Circlip	4
9	23 12 41 00	Small end bush	2

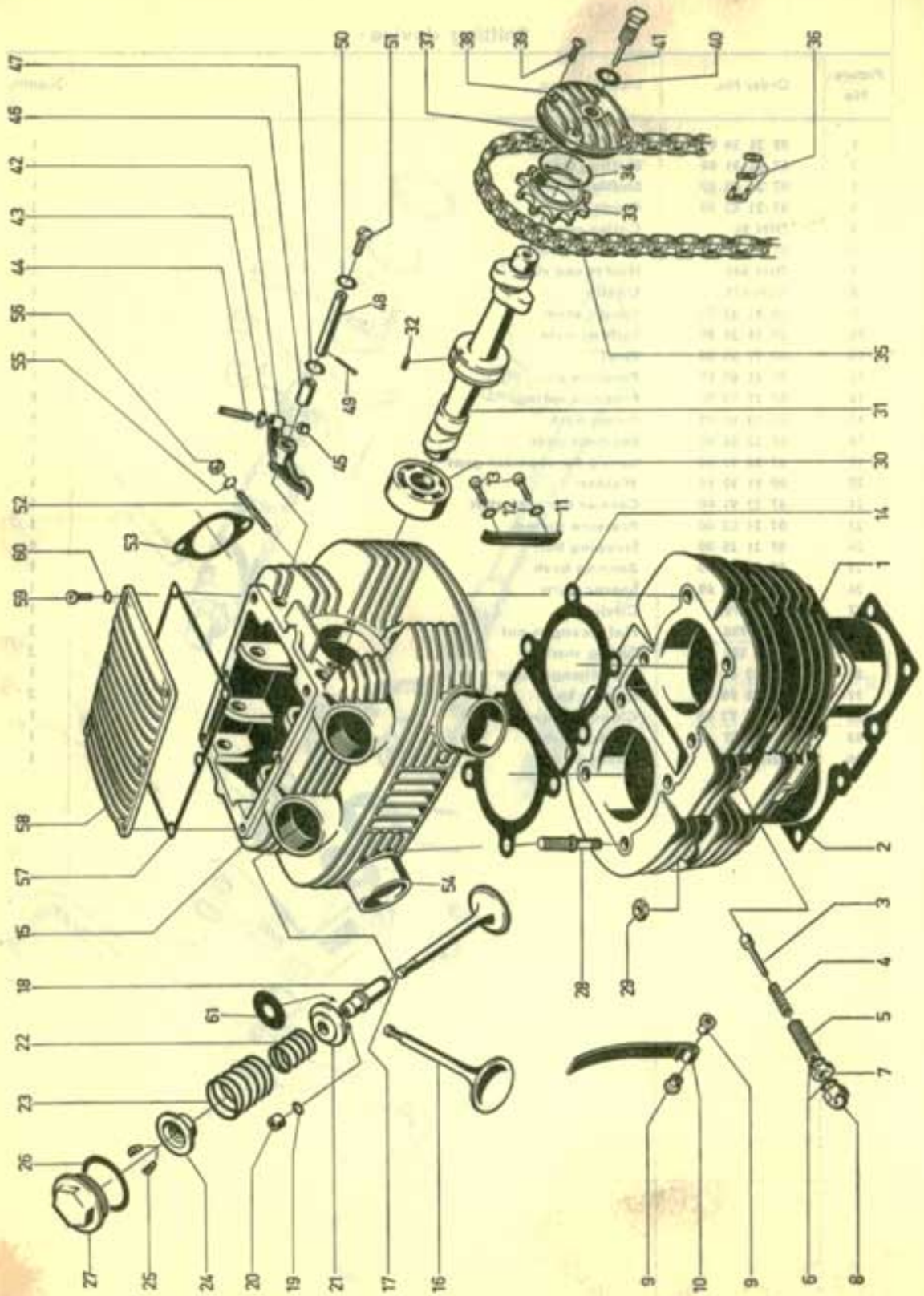
As to the different crankshaft parts please turn over to page - 61 -





Shifting device

Picture No.	Order No.	Designation	Quantity
1	07 21 24 00	Cam drum	1
2	07 21 31 00	Shifting fork	1
3	07 21 32 00	Shifting fork	1
4	07 21 42 00	Guide bolt	2
5	DIN 94	Cotter pin	2
6	07 22 82 00	Contact spring	1
7	DIN 660	Half round rivet	1
8	DIN 471	Circlip	1
9	00 91 35 70	Spacer shim	1
10	07 21 25 00	Shifting axle	1
14	07 21 34 00	Pawl	1
15	07 21 60 00	Pressure pin	1
16	07 21 83 00	Pressure spring	1
17	07 22 18 00	Fixing bush	1
18	07 22 20 00	Segment gear	1
19	07 22 83 00	Spring for segment gear	1
20	00 91 30 64	Washer	1
21	07 22 51 00	Carrier for gear shift	1
23	07 21 82 00	Pressure spring	1
24	07 21 35 00	Stopping bolt	1
25	07 22 45 00	Bearing bush	1
26	00 91 35 69	Spacer shim	1
27	DIN 471	Circlip	1
28	DIN 936	Flat Hexagon nut	2
29	DIN 137	Spring washer	2
30	07 22 36 00	Foot change lever	1
31	07 53 90 00	Rubber knob	2
32	01 22 72 00	Clamping screw	1
33	DIN 127	Spring washer	1
34	DIN 934	Hexagon nut	1



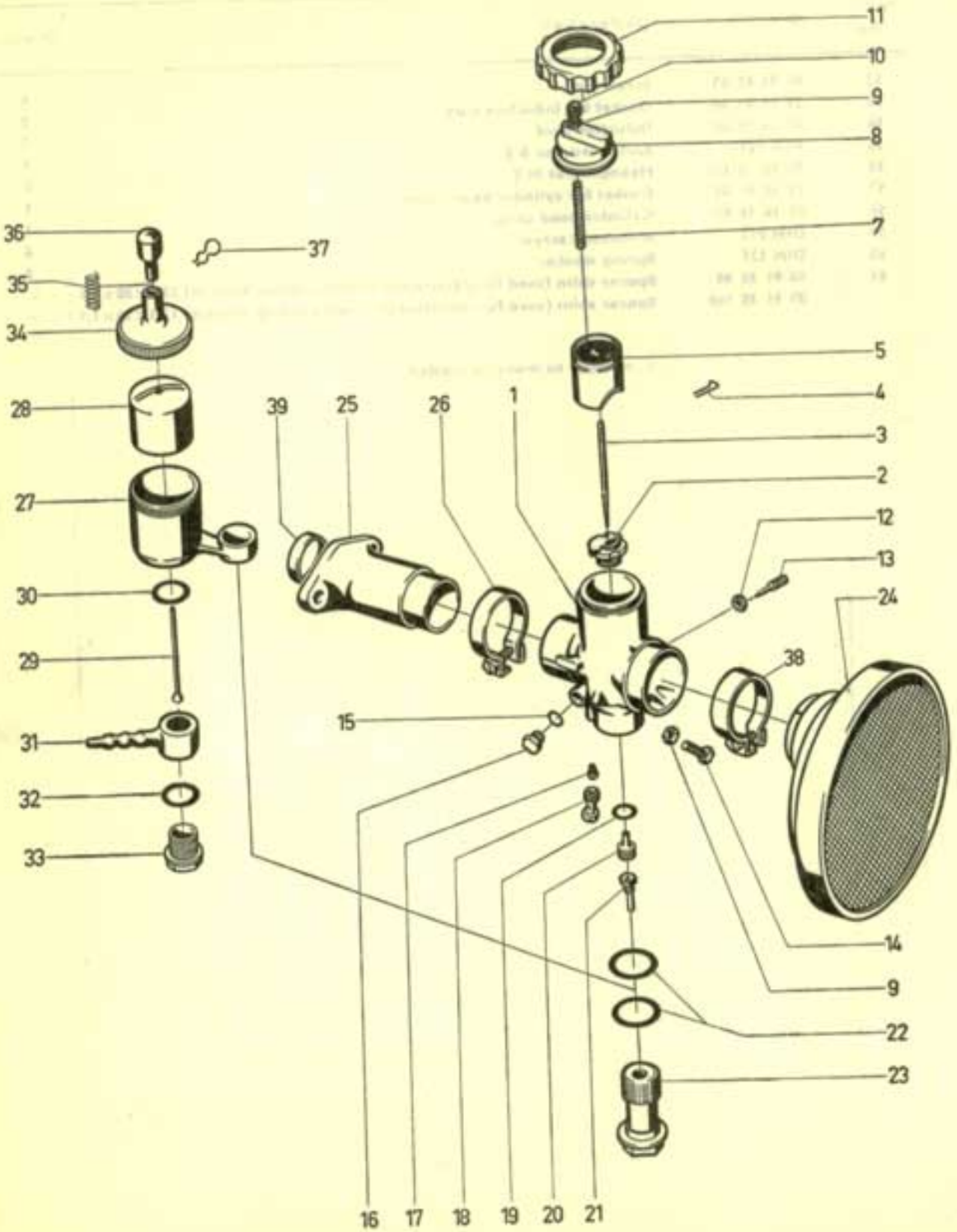
Cylinder and Cylinder head

Picture No.	Order No.	Designation	Quantity
1	23 14 05 00	Cylinder	1
2	23 14 90 00	Cylinder bottom gasket	1
3	07 13 99 00	Adjusting bolt	1
4	00 93 26 03	Spring	1
5	07 13 89 01	Tension screw	1
6	DIN 7603	Seal ring	2
7	00 91 18 03	Hexagon nut	1
8	00 91 18 09	Hat nut M 14×1,5	1
9	00 94 81 00	Rubber bush	2
10	07 13 93 01	Tension lever	1
11	07 13 91 02	Guide shoe	1
12	DIN 7603	Seal ring	2
13	DIN 912	Allenhead screw	2
14	23 14 91 00	Cylinder head gasket	1
15	23 14 06 00	Cylinder head	1
16	07 13 11 10	Valve, exhaust	2
17	07 13 10 10	Valve, inlet	2
18	07 13 44 03	Valve guide	4
19	00 94 79 29	Rubber ring	4
20	07 13 48 01	Valve guide cap	4
21	01 13 15 00	Valve bottom collar	4
22	03 13 81 00	Valve spring, inner	4
23	11 13 82 00	Valve spring, outer	4
24	07 13 16 01	Valve top collar	4
25	07 13 17 00	Valve cotter	8
26	DIN 7603	Seal ring	4
27	07 14 11 00	Screw plug	4
28	07 13 75 00	Screw pin M 10 – M 8	8
29	00 91 18 11	Hexagon nut M 8	8
30	DIN 625	Ball bearing	2
31	07 13 01 60	Camshaft	1
32	DIN 6885	Fitting key	1
33	07 13 20 01	Chain sprocket	1
34	DIN 471	Circlip	2
35	07 13 90 00	Timing chain 64 links	1
36		Chain link	1
37	07 14 95 00	Gasket for bearing cover	2
38	07 14 61 02	Bearing cover	2
39	00 91 11 09	Oval head screw	8
40	DIN 7603	Seal ring	4
41	07 16 74 02	Oil pipe stud	2
42	07 10 33 00	Rocker arm with bush	4
43	00 91 18 04	Hexagon nut M 8×1	4
44	07 13 71 00	Pressure bolt	4
45	07 13 60 00	Ball pan	4
46	07 13 42 01	Bush for rocker arm	4
47	00 91 35 41	Shim	×
	00 91 35 42	Shim	×
	00 91 35 43	Shim	×
	00 91 35 52	Shim	×
	00 91 35 53	Shim	×
	00 91 35 54	Shim	×
48	07 13 36 01	Rocker arm axle	4
49	DIN 1471	Conical pin	4
50	00 94 15 62	Seal ring	4
51	07 13 69 00	Screw for rocker arm axle	4

Cylinder and Cylinder head

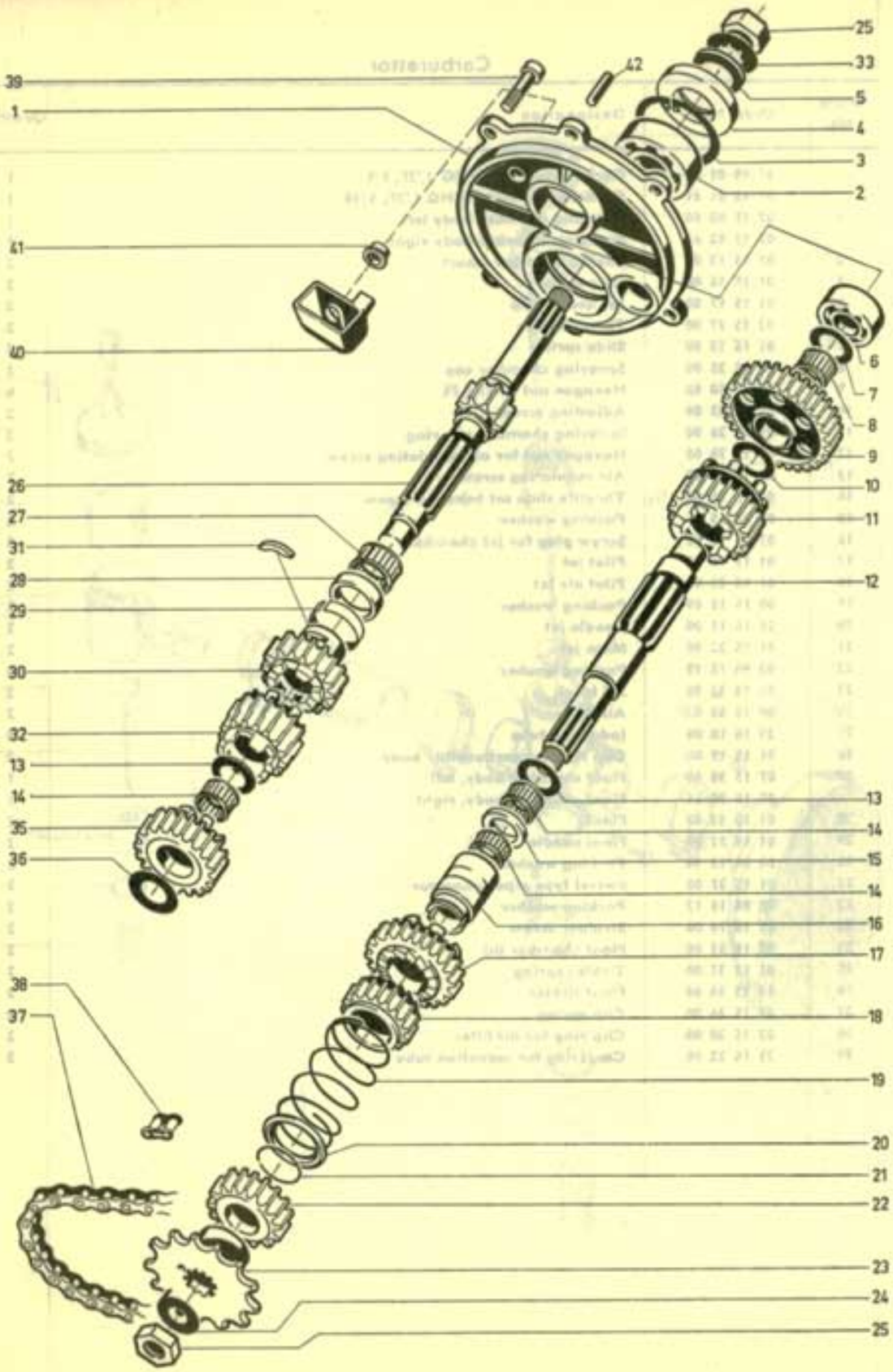
Picture No.	Order No.	Designation	Quantity
52	00 91 45 02	Screw pin	4
53	23 15 91 00	Gasket for induction stud	2
54	07 14 55 01	Induction stud	2
55	DIN 127	Spring washer B 8	4
56	00 91 18 11	Hexagon nut M 8	4
57	07 14 96 01	Gasket for cylinder head cover	1
58	07 14 10 03	Cylinder head cover	1
59	DIN 912	Allenhead screw	6
60	DIN 127	Spring washer	6
61	00 91 35 98	Spacer shim (used for adjustment of valve spring tension) 13,5×30×0,5	×
	00 91 35 100	Spacer shim (used for adjustment of valve spring tension) 13,5×30×1,5	×

× = apply as many as needed



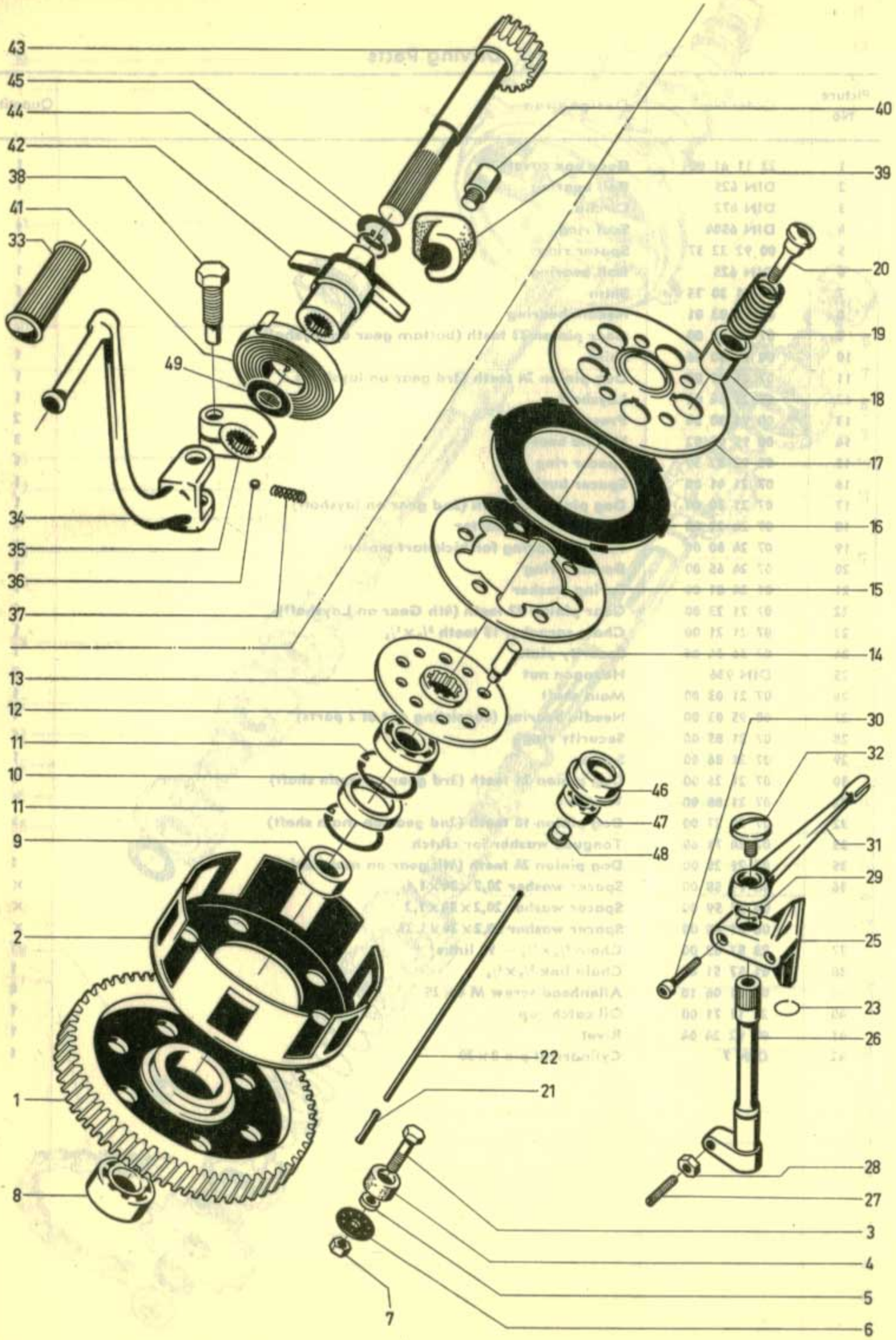
Carburettor

Picture No.	Order No.	Designation	Quantity
	07 15 01 60	Carburettor, left BING 1/27, 5/9	1
	07 15 01 61	Carburettor, right BING 1/27, 5/10	1
1	07 15 02 60	Spraying chamber body left	1
	07 15 02 61	Spraying chamber body right	1
2	01 15 12 00	Mixing chamber insert	2
3	01 15 16 00	Jet needle	2
4	01 15 17 00	Jet needle clip	2
5	02 15 27 00	Throttle slide	2
7	01 15 15 00	Slide spring	2
8	07 15 25 00	Spraying chamber cap	2
9	00 91 18 48	Hexagon nut M 6×0,75	4
10	01 15 23 00	Adjusting screw	2
11	01 15 26 00	Spraying chamber cap ring	2
12	01 15 74 00	Hexagon nut for air regulating screw	2
13	01 15 24 00	Air regulating screw	2
14	01 15 71 00	Throttle slide set hexagon screw	2
15	00 94 15 05	Packing washer	2
16	01 15 72 00	Screw plug for jet chamber	2
17	01 15 18 00	Pilot jet	2
18	01 15 21 00	Pilot air jet	2
19	00 94 15 09	Packing washer	2
20	01 15 11 00	Needle jet	2
21	01 15 22 00	Main jet	2
22	00 94 15 10	Packing washer	4
23	01 15 13 00	Jet block	2
24	00 15 60 03	Air filter	2
25	23 14 18 00	Induction tube	2
26	01 15 19 00	Clip ring for carburettor body	2
27	07 15 30 60	Float chamber body, left	1
	07 15 30 61	Float chamber body, right	1
28	01 15 31 00	Float	2
29	01 15 32 00	Float needle	2
30	00 94 15 14	Packing washer	2
31	01 15 37 00	Swivel type pipe connector	2
32	00 94 15 12	Packing washer	2
33	01 15 76 00	Strainer screw	2
34	02 15 33 00	Float chamber lid	2
35	01 15 35 00	Tickler spring	2
36	03 15 34 00	Float tickler	2
37	01 15 36 00	Clip spring	2
38	02 15 20 00	Clip ring for air filter	2
39	23 14 22 00	Centering for induction tube	2



Driving Parts

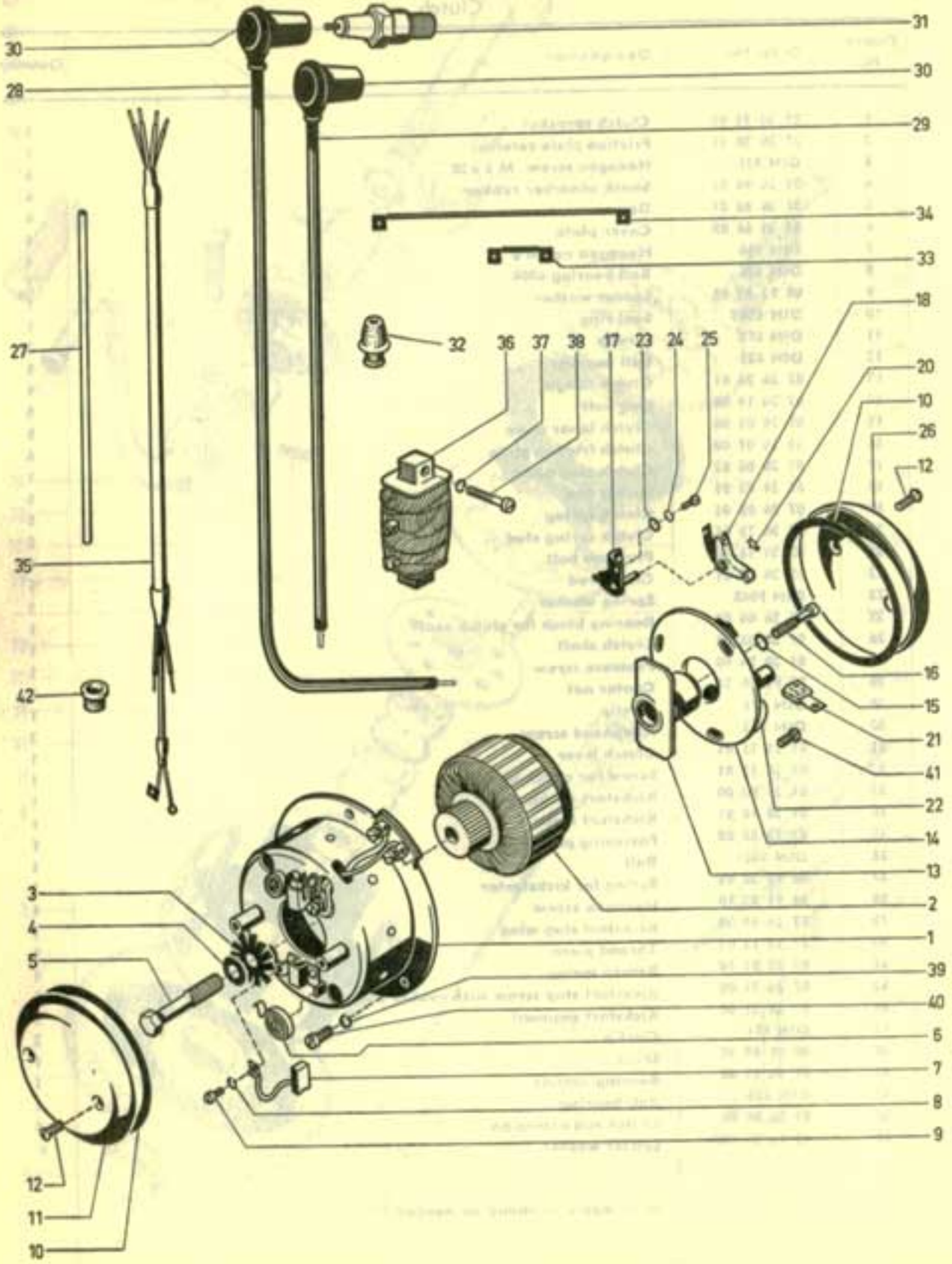
Picture No.	Order No.	Designation	Quantity
1	23 11 61 00	Gear box cover	1
2	DIN 625	Ball bearing	1
3	DIN 472	Circlip	2
4	DIN 6504	Seal ring	1
5	00 92 32 37	Spacer ring	1
6	DIN 625	Ball bearing	1
7	00 91 30 35	Shim	1
8	00 95 03 01	Needle bearing	1
9	07 21 28 00	Gear pinion 33 teeth (bottom gear on layshaft)	1
10	00 91 30 36	Shim	1
11	07 21 29 00	Dog pinion 24 teeth (3rd gear on layshaft)	1
12	07 21 04 00	Layshaft	1
13	00 91 30 34	Pressure ring	2
14	00 95 03 02	Needle bearing	3
15	00 92 32 39	Spacer ring	1
16	07 21 41 00	Spacer bush	1
17	07 21 30 00	Dog pinion 28 teeth (2nd gear on layshaft)	1
18	07 24 22 00	Pinion for kickstarter	1
19	07 24 80 00	Pressure spring for kickstart pinion	1
20	07 24 65 00	Backing ring	1
21	01 24 81 00	Spring washer	1
22	07 21 23 00	Gear pinion 22 teeth (4th Gear on Layshaft)	1
23	07 21 21 00	Chain sprocket 13 teeth $^3/_8 \times ^1/_4$	1
24	07 36 34 00	Security plate	1
25	DIN 936	Hexagon nut	2
26	07 21 03 00	Main shaft	1
27	00 95 03 00	Needle bearing (consisting out of 2 parts)	1
28	07 21 85 00	Security ring	1
29	07 21 86 00	Spring	1
30	07 21 26 00	Dog pinion 21 teeth (3rd gear on main shaft)	1
31	07 21 88 00	Wedge	1
32	07 21 27 00	Dog pinion 18 teeth (2nd gear on main shaft)	1
33	07 24 78 60	Tongued washer for clutch	1
35	07 21 20 00	Dog pinion 24 teeth (4th gear on main axle)	1
36	00 91 58 00	Spacer washer 20,2×34×1,1	×
	00 91 59 00	Spacer washer 20,2×34×1,2	×
	00 91 60 00	Spacer washer 20,2×34×1,35	×
37	23 57 02 00	Chain $^3/_8 \times ^1/_4$ – 98 links	1
38	01 57 51 00	Chain link $^3/_8 \times ^1/_4$	1
39	00 91 06 10	Allenhead screw M 8×25	4
40	23 11 71 00	Oil catch cup	1
41	00 92 24 04	Rivet	1
42	DIN 7	Cylindrical pin 8×20	1



Clutch

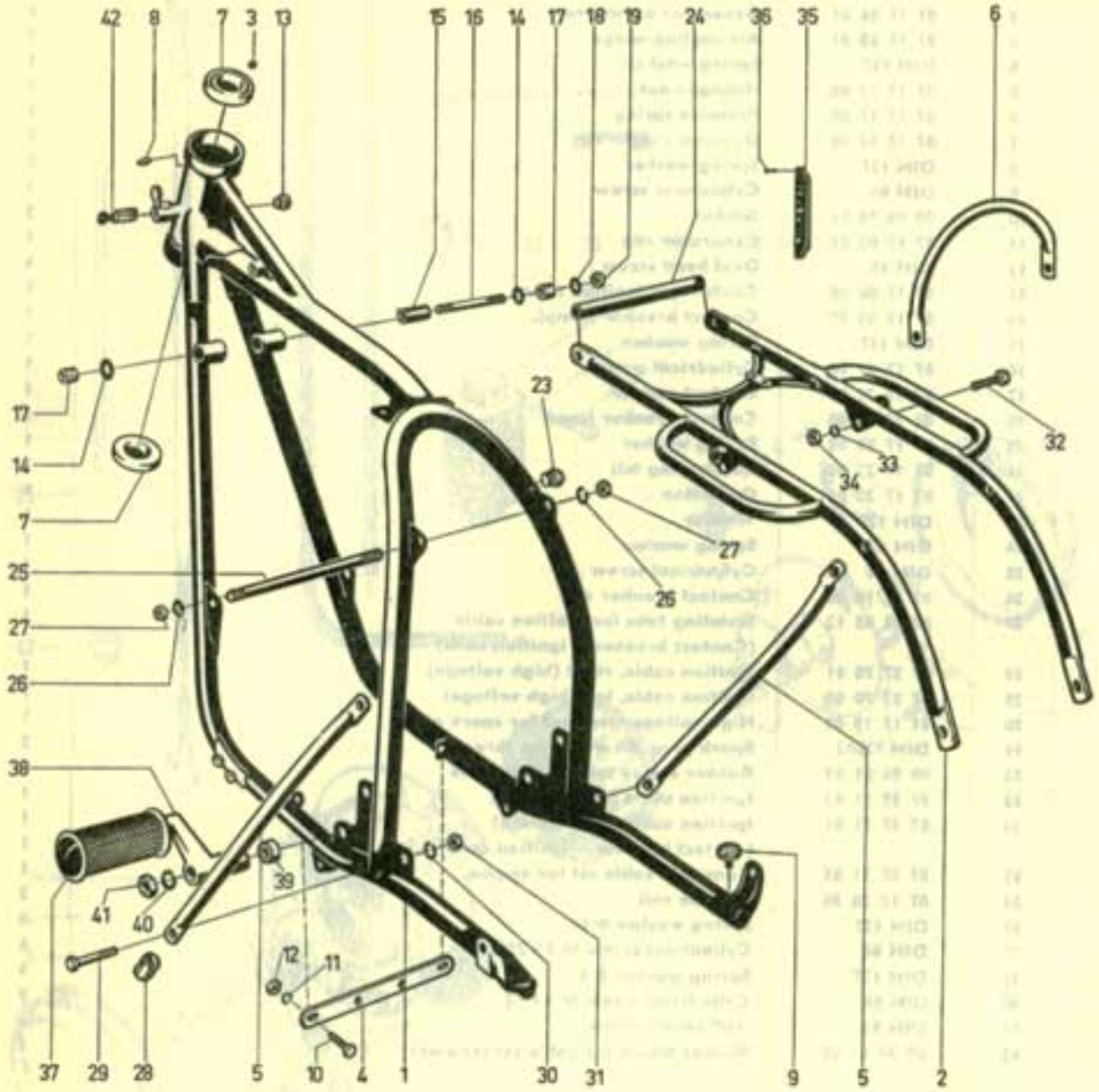
Picture No.	Order No.	Designation	Quantity
1	07 24 21 01	Clutch sprocket	1
2	07 24 20 01	Friction plate retainer	1
3	DIN 931	Hexagon screw .M 6×20	6
4	01 24 90 01	Shock absorber rubber	6
5	01 24 36 01	Dog	6
6	01 24 66 00	Cover plate	6
7	DIN 934	Hexagon nut M 6	6
8	DIN 625	Ball bearing 6004	1
9	00 92 32 38	Spacer washer	1
10	DIN 6503	Seal ring	1
11	DIN 472	Circlip	2
12	DIN 625	Ball bearing	1
13	07 24 24 01	Clutch flange	1
14	07 24 19 00	Dog bolt	5
15	07 24 05 00	Clutch inner plate	5
16	23 24 07 00	Clutch friction plate	6
17	07 24 06 02	Clutch plug plate	1
18	07 24 43 01	Spring box	5
19	07 24 83 01	Clutch spring	5
20	07 24 73 01	Clutch spring stud	5
21	07 24 16 00	Pressure bolt	1
22	07 24 14 01	Clutch rod	1
23	DIN 9045	Spring washer	1
25	07 24 44 02	Bearing block for clutch shaft	1
26	07 24 33 00	Clutch shaft	1
27	01 24 74 00	Pressure screw	1
28	00 91 18 55	Conter nut	1
29	DIN 471	Circlip	1
30	DIN 912	Allenhead screw	2
31	07 24 31 01	Clutch lever	1
32	07 24 32 01	Screw for clutch lever	1
33	01 23 92 00	Kickstart rubber	1
34	07 23 10 01	Kickstart lever	1
35	07 23 33 00	Fastening piece	1
36	DIN 5401	Ball	1
37	00 93 26 05	Spring for kickstarter	1
38	00 91 02 10	Hexagon screw	1
39	07 24 60 00	Kickstart stop wing	1
40	07 11 12 02	Thread piece	1
41	07 23 81 00	Return spring	1
42	07 23 25 00	Kickstart stop screw with rubber damper	1
43	07 23 21 00	Kickstart segment	1
44	DIN 471	Circlip	2
45	00 91 30 38	Shim	1
46	07 24 39 00	Bearing carrier	1
47	DIN 625	Ball bearing	1
48	07 24 38 00	Clutch rod extension	1
49	00 91 35 106	Spacer washer	×

× = apply as many as needed



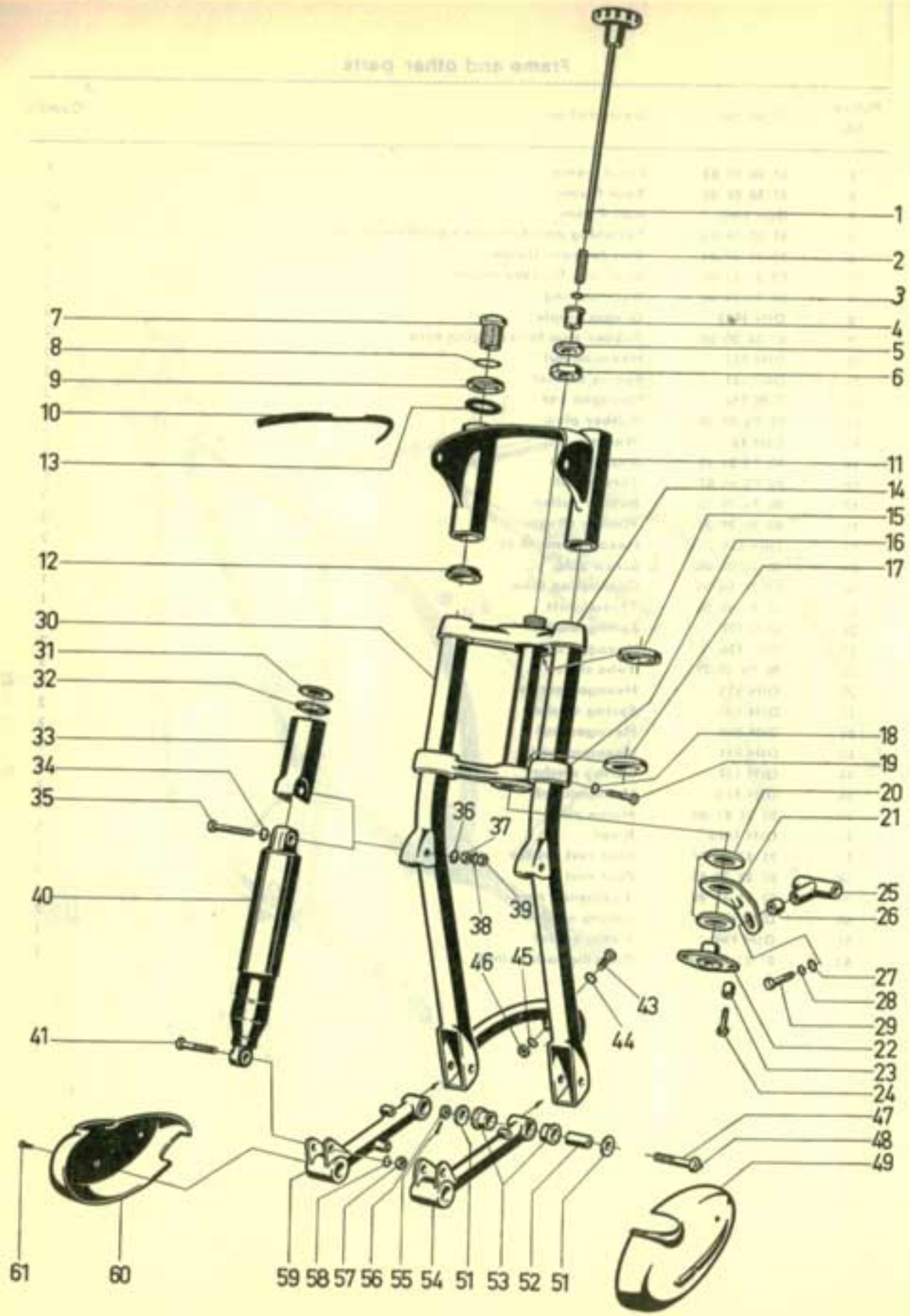
Generator

Picture No.	Order No.	Designation	Quantity
	07 10 70 01	Generator compl.	1
1	07 17 06 01	Generator without armature	1
2	07 17 04 01	Generator armature	1
3	07 17 50 01	Air cooling wings	1
4	DIN 137	Spring washer	1
5	07 17 70 00	Hexagon nut	1
6	07 17 17 00	Pressure spring	2
7	07 17 16 00	Dynamo coal brush	2
8	DIN 127	Spring washer	2
9	DIN 84	Cylindrical screw	2
10	00 94 15 91	Gasket	2
11	07 17 02 01	Generator cap	1
12	DIN 91	Oval head screw	4
13	07 17 08 00	Centrifugal ignition timer	1
14	07 17 03 02	Contact breaker compl.	1
15	DIN 137	Spring washer	1
16	07 17 09 00	Cylindrical screw	1
17	07 17 21 00	Contact carrier	1
18	07 17 24 00	Contact breaker lever	1
20	07 17 95 00	Spring washer	1
21	07 17 22 00	Lubricating felt	1
22	07 17 20 00	Capacitor	1
23	DIN 125	Washer	1
24	DIN 127	Spring washer	1
25	DIN 84	Cylindrical screw	1
26	07 17 18 00	Contact breaker cap	1
27	00 98 45 12	Isolating tube for ignition cable (Contact breaker - ignition coils)	1
28	07 37 70 01	Ignition cable, right (high voltage)	1
29	07 37 70 00	Ignition cable, left (high voltage)	1
30	01 17 15 00	High voltage terminal for spark plug	2
31	DIN 72502	Spark plug 260 with long thread	2
32	00 94 81 09	Rubber sleeve for ignition cable	2
33	07 37 71 02	Ignition cable (low voltage)	1
34	07 37 71 01	Ignition cable (low voltage) (contact breaker - ignition coils)	1
35	07 37 31 03	Complete cable set for engine	1
36	07 17 28 00	Ignition coil	2
37	DIN 127	Spring washer B 5	4
38	DIN 84	Cylindrical screw M 5×20	4
39	DIN 127	Spring washer B 6	3
40	DIN 84	Cylindrical screw M 6×12	3
41	DIN 86	Half round screw	3
42	00 94 81 00	Rubber sleeve for cable set (engine)	1



Frame and other parts

Picture No.	Order No.	Designation	Quantity
1	07 30 05 02	Front frame	1
2	07 30 06 00	Rear frame	1
3	DIN 5401	Ball 6 mm	44
4	07 31 54 02	Fastening part for intermediate silencer	1
5	07 31 30 02	Stay for rear frame	2
6	07 31 57 00	Bow tube for rear frame	1
7	01 31 34 00	Ball run ring	2
8	DIN 3402	Grease nipple	2
9	07 36 80 00	Rubber stop for swinging arm	2
10	DIN 933	Hexagon nut	2
11	DIN 127	Spring washer	2
12	DIN 934	Hexagon nut	2
13	00 94 80 20	Rubber plug	2
14	DIN 125	Washer	2
15	00 92 32 19	Spacer tube	1
16	00 91 45 07	Thread bolt	1
17	00 94 79 13	Rubber roller	2
18	00 94 79 08	Washer (Rubber)	2
19	DIN 934	Hexagon nut M 10	2
23	00 91 04 04	Screw plug	1
24	07 31 56 00	Connecting tube	1
25	00 91 45 06	Thread bolt	1
26	DIN 127	Spring washer	2
27	DIN 934	Hexagon nut	2
28	00 94 79 21	Tube sleeve	3
29	DIN 931	Hexagon screw	2
30	DIN 127	Spring washer	2
31	DIN 934	Hexagon nut	2
32	DIN 931	Hexagon screw	2
33	DIN 127	Spring washer	2
34	DIN 934	Hexagon nut	2
35	23 31 91 00	Name plate	1
36	DIN 1476	Rivet	2
37	01 32 93 01	Foot rest rubber	2
38	07 32 28 02	Foot rest	2
39	07 31 13 00	Toothened ring	2
40	DIN 127	Spring washer	2
41	DIN 934	Hexagon nut	2
42	07 81 52 00	Steering lock compl.	1

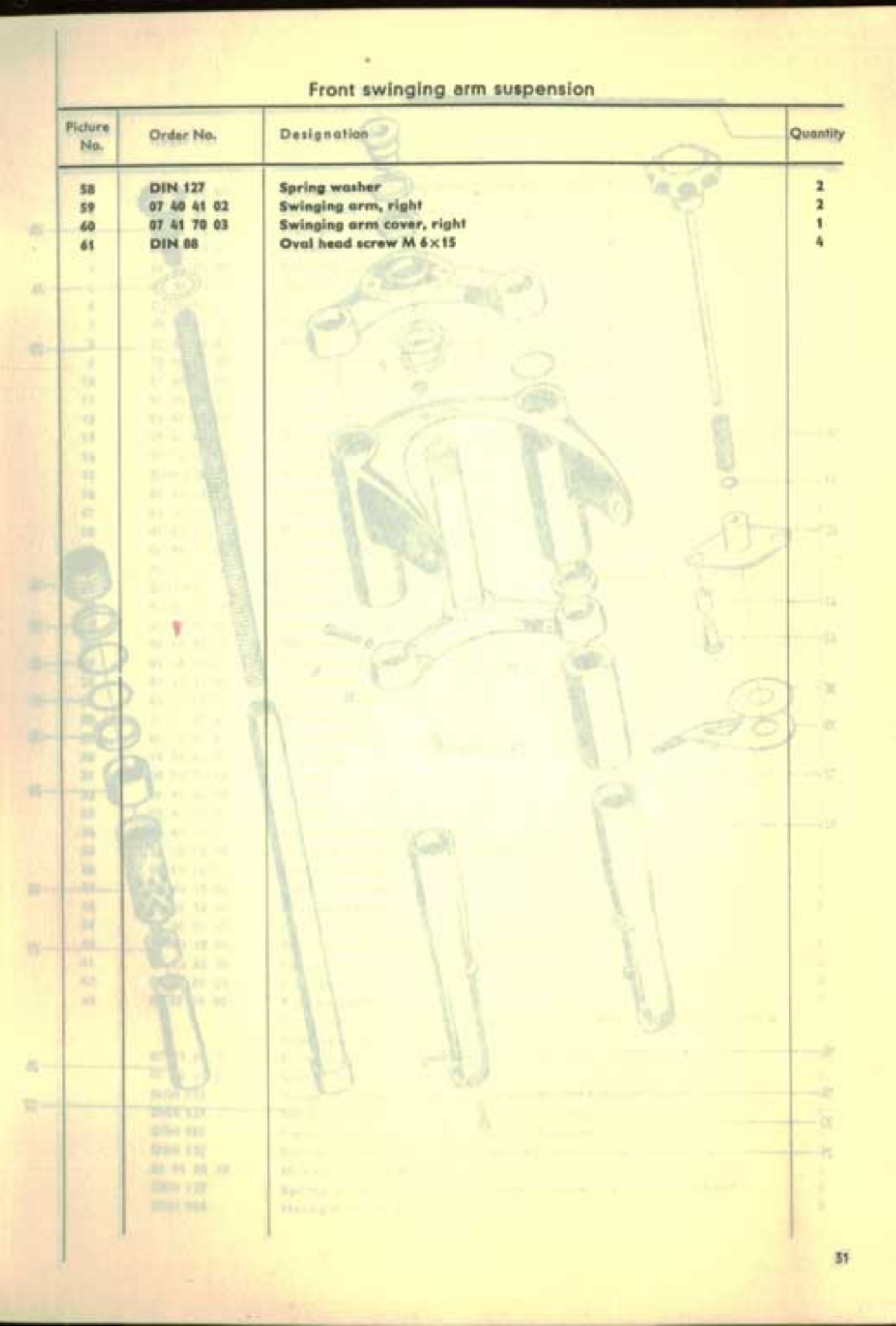


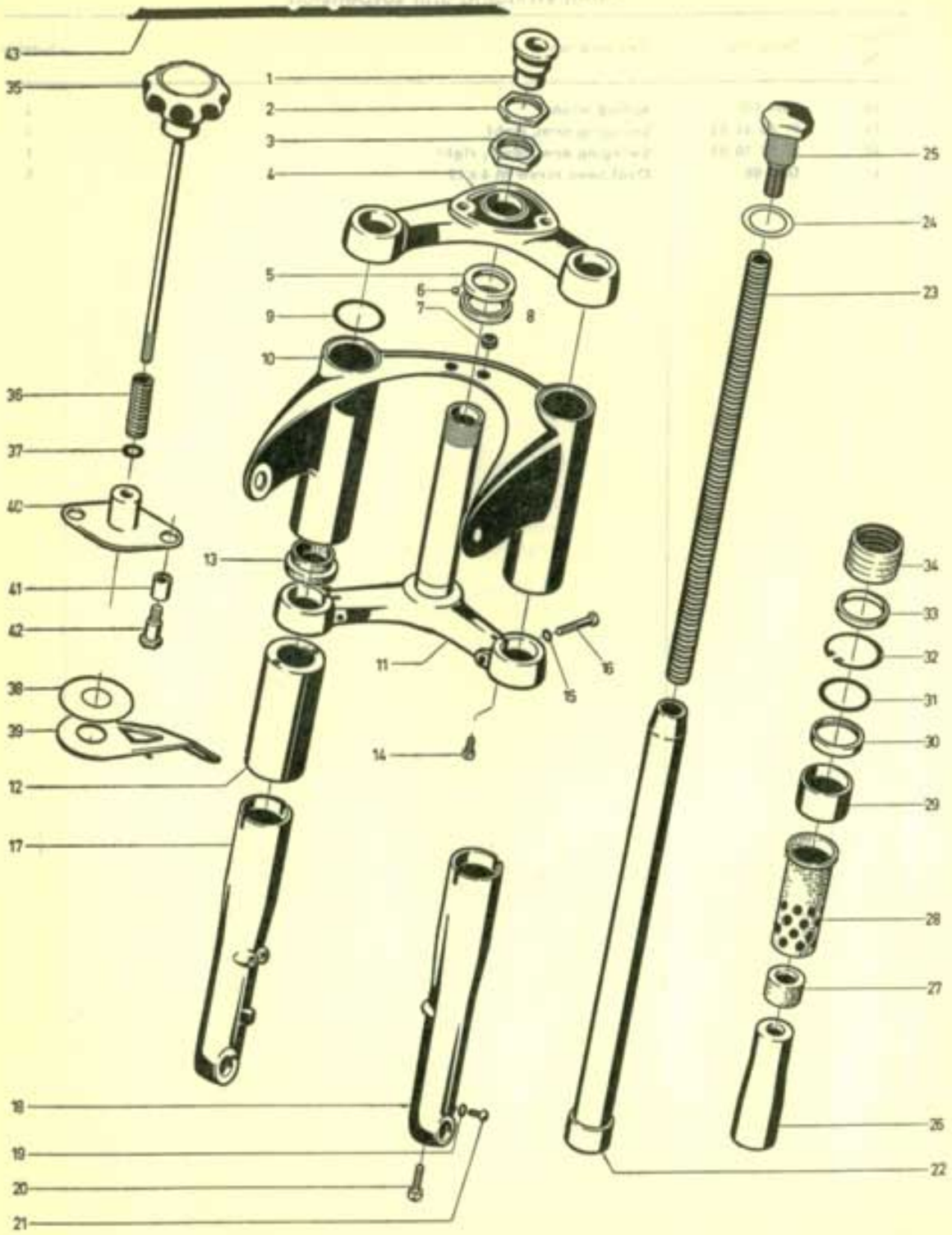
Front swinging arm suspension

Picture No.	Order No.	Designation	Quantity
	23 40 01 00	Front swinging arm fork compl.	1
1	23 40 10 00	Steering damper adjusting screw compl.	1
2	00 93 26 15	Pressure spring	1
3	00 94 15 07	Washer	1
4	01 41 41 00	Spring box	1
5	00 91 18 40	Hexagon nut	1
6	00 91 18 41	Hexagon nut	1
7	07 41 18 00	Screw plug	2
8	00 91 30 60	Washer	2
9	00 94 15 40	Packing washer	2
10	01 37 90 00	Rubber gasket	1
11	07 41 25 00	Cover tube, top with headlamp fittings	1
12	07 41 85 00	Rubber disk with collar	2
13	00 94 15 75	Packing washer	2
14	01 41 03 00	Fork top yoke	1
15	01 31 34 00	Ball run ring	1
16	07 40 03 00	Fork bottom yoke	1
17	01 31 34 01	Ball run ring	1
18	DIN 433	Washer 8,4	2
19	00 91 01 24	Hexagon screw	2
20	01 41 33 00	Friction washer	2
21	07 41 32 00	Anchor plate	1
22	01 40 15 00	Steering damper anchor flange	1
23	00 92 32 20	Spacer bush	2
24	00 91 01 23	Hexagon screw	2
25	07 31 17 00	Fastening sleeve	1
26	00 92 32 47	Spacer ring	1
27	DIN 125	Washer	1
28	DIN 127	Spring washer	1
29	DIN 931	Hexagon screw	1
30	07 41 20 04	Main tube for swinging fork	2
31	07 41 04 00	Cover ring	2
32	07 41 94 00	Rubber disk with collar	2
33	07 41 24 00	Cover tube, bottom	2
34	14 83 84 00	Washer	2
35	DIN 960	Hexagon screw	2
36	00 92 32 58	Spacer ring	2
37	DIN 934	Hexagon nut	2
38	DIN 6798	Spring washer	2
39	DIN 936	Flat Hexagon nut	2
40	07 40 60 01	Shock absorber	2
41	DIN 960	Hexagon screw	2
43	DIN 931	Hexagon screw	1
44	DIN 125	Washer	1
45	DIN 127	Spring washer	1
46	DIN 934	Hexagon nut	1
47	00 91 05 10	Hollow screw	2
48	DIN 3402	Grease nipple	2
49	07 41 70 02	Swinging arm cover, left	1
51	00 91 35 26	Spacer washer with collar	4
52	07 41 46 01	Spacer bush	2
53	07 41 45 01	Bearing bush	4
54	07 40 40 02	Swinging arm, left	1
55	DIN 94	Cotter pin	2
56	DIN 937	Crowned nut M 10	2
57	DIN 936	Flat hexagon nut	2

Front swinging arm suspension

Picture No.	Order No.	Designation	Quantity
58	DIN 127	Spring washer	2
59	07 40 41 02	Swinging arm, right	2
60	07 41 70 03	Swinging arm cover, right	1
61	DIN 88	Oval head screw M 6×15	4



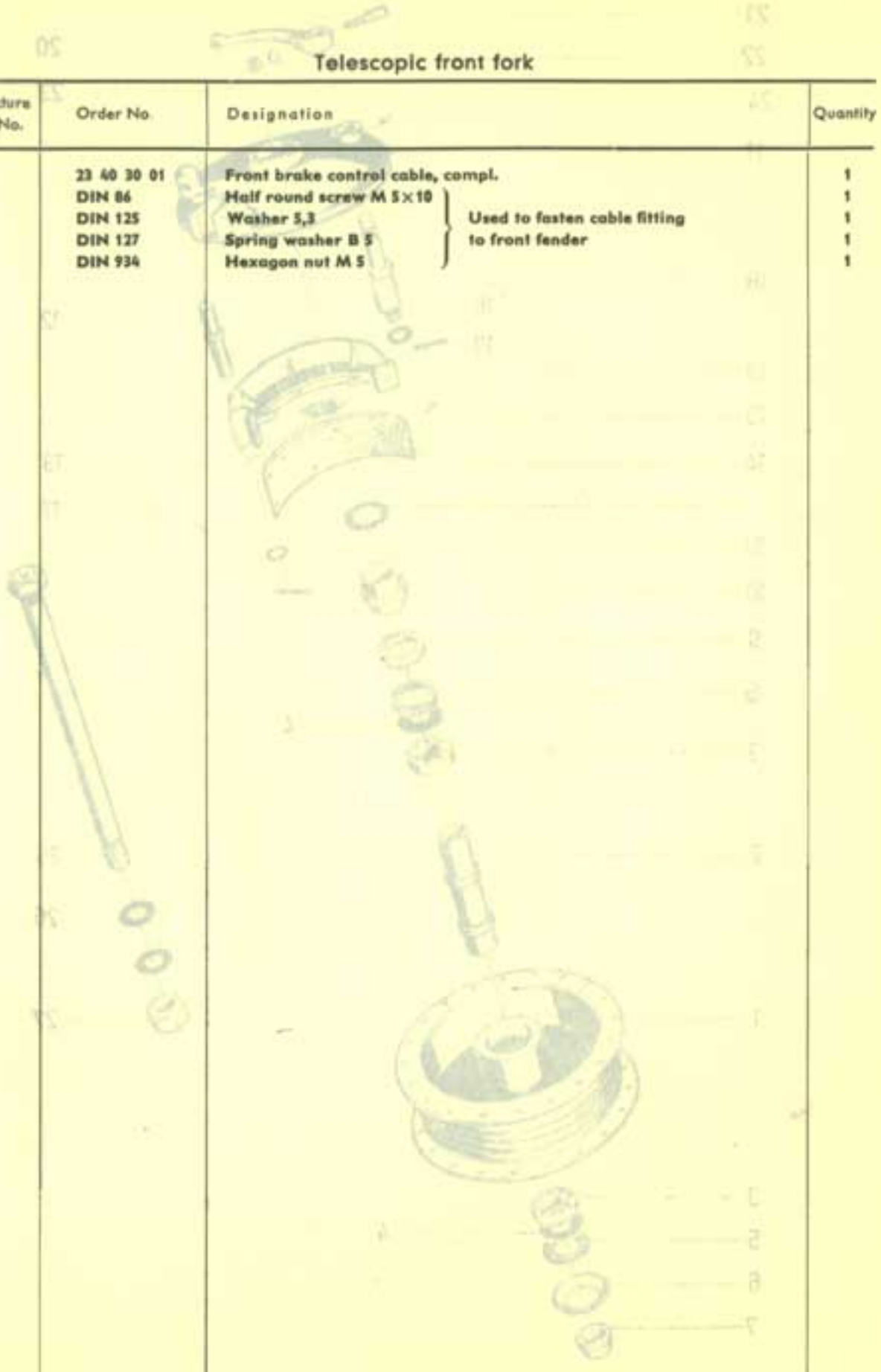


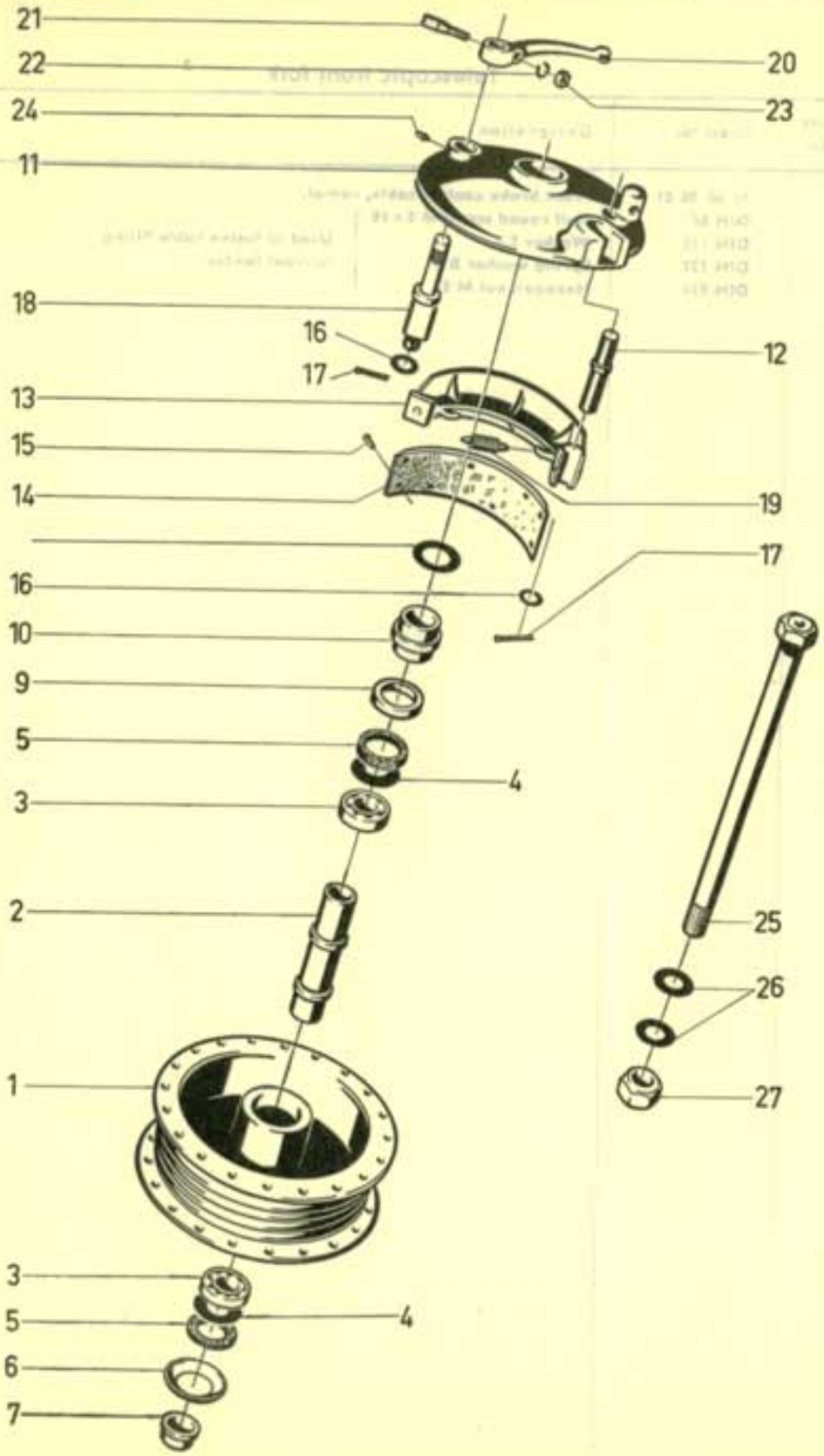
Telescopic front fork

Picture No.	Order No.	Designation	Quantity
	23 40 01 01	Telescopic front fork compl.	1
1	01 41 41 00	Spring box	1
2	00 91 18 40	Hexagon nut	1
3	00 91 18 41	Hexagon nut	1
4	01 41 03 00	Fork top yoke	1
5	01 31 34 00	Ball run ring	1
6	DIN 5401	Ball	44
7	00 94 81 10	Rubber sleeve	2
8	01 31 34 01	Ball run ring with polished inner side	1
9	00 94 15 40	Rubber gasket	2
10	01 41 25 00	Headlamp bracket (fork cover tube, top)	1
11	01 40 03 01	Fork bottom yoke	1
12	01 41 24 01	Fork cover tube, bottom	2
13	01 41 85 01	Rubber disk with collar	2
14	00 91 09 15	Cylindrical screw	4
15	DIN 125	Washer 8,4	2
16	03 91 01 24	Hexagon screw	2
17	01 41 28 00	Fork guide tube, right	1
18	01 41 27 00	Fork guide tube, left	1
19	00 94 15 03	Packing washer (fiber)	2
20	00 91 09 40	Cylindrical screw	2
21	DIN 86	Half round screw	2
22	01 40 14 00	Main tube	2
23	01 41 83 02	Spring	2
24	00 91 30 60	Washer	2
25	01 40 16 02	Screw plug	2
26	01 41 23 02	Prop tube	2
27	00 94 79 25	Rubber roller	2
28	01 41 84 03	Damper tube	2
29	01 41 42 01	Guide bushing	2
30	00 94 86 02	Seal ring	2
31	00 91 30 69	Washer	2
32	00 91 80 10	Circlip	2
33	03 41 82 01	Sleeve	2
34	03 43 92 00	Bellow type rubber sleeve	2
35	23 40 10 00	Steering damper adjusting screw	1
36	00 93 26 15	Pressure spring	1
37	00 94 15 07	Leather washer	1
38	01 41 33 00	Friction washer	2
39	07 41 32 00	Anchor plate	1
40	01 40 15 00	Steering damper anchor flange compl.	1
41	00 92 32 20	Spacer bush	2
42	00 91 01 23	Hexagon screw	2
43	01 37 90 00	Rubber gasket	1
		Parts which are used if the motorcycle in question is equipped with a telescopic front fork:	
	07 33 01 04	Front fender	1
	07 33 14 00	Stay for front fender	2
	DIN 933	Hexagon screw M 7×12 — Used to fasten fender	4
	DIN 127	Spring ring B 7 — to Guide tube	4
	DIN 931	Hexagon screw M 7×18 — Used to fasten stay	2
	DIN 127	Spring washer B 7 — to G. T.	2
	00 91 01 10	Hexagon screw M 6×13	2
	DIN 127	Spring washer B 6 — Used to fasten stay to front fender	2
	DIN 934	Hexagon nut M 6	2

Telescopic front fork

Picture No.	Order No	Designation		Quantity
	23 40 30 01	Front brake control cable, compl.		1
	DIN 86	Half round screw M 5×10	Used to fasten cable fitting to front fender	1
	DIN 125	Washer 5,3		1
	DIN 127	Spring washer B 5		1
	DIN 934	Hexagon nut M 5		1

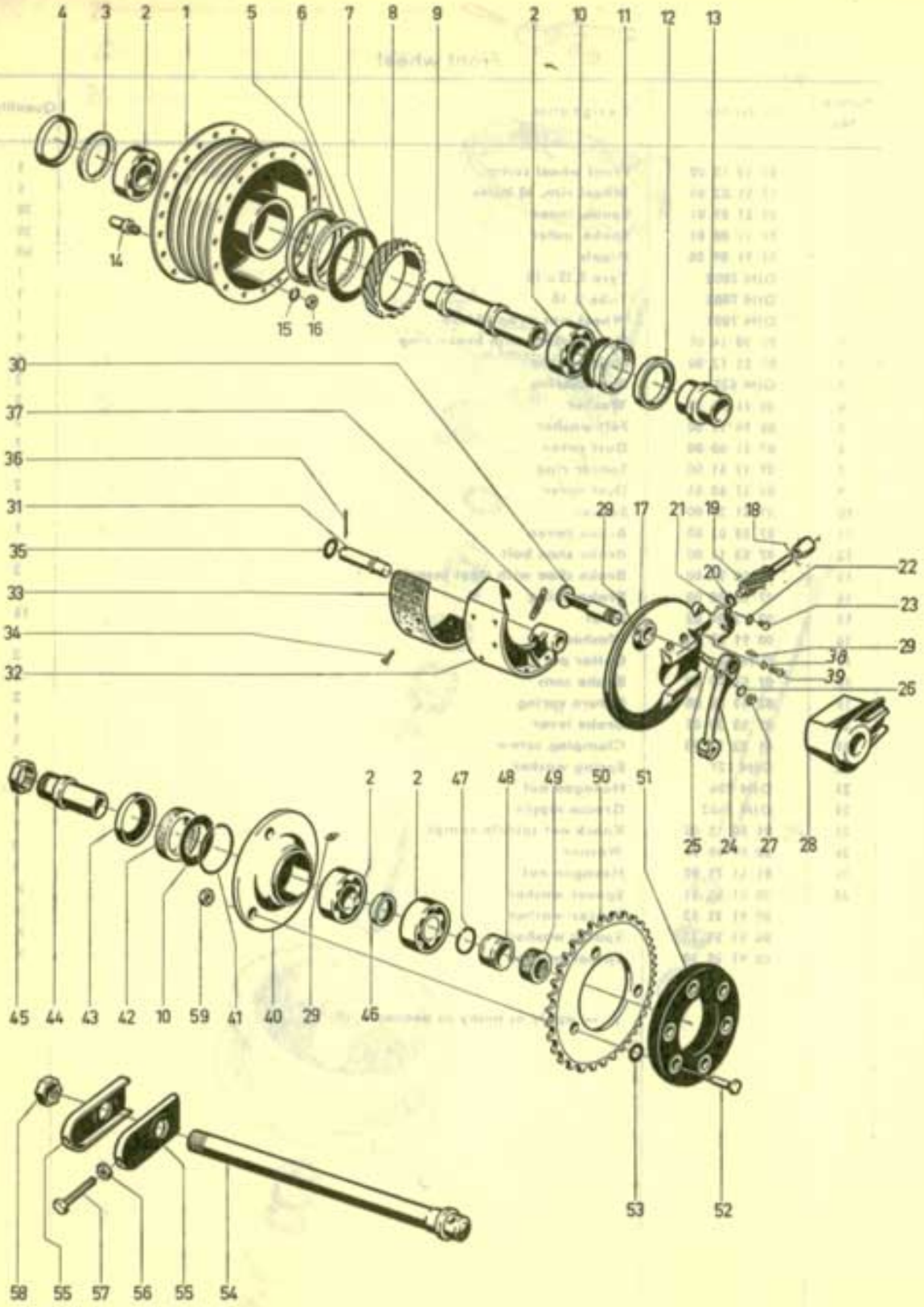




Front wheel

Picture No.	Order No.	Designation	Quantity
	07 50 10 00	Front wheel compl.	1
	07 51 02 03	Wheel rim, 40 holes	1
	07 51 07 01	Spoke, inner	20
	07 51 08 01	Spoke, outer	20
	01 51 09 00	Nipple	40
	DIN 7802	Tyre 3,25×18	1
	DIN 7802	Tube E 18	1
	DIN 7802	Wheel rim strap 18×28	1
1	07 50 14 00	Hub housing with brake ring	1
2	07 51 12 00	Hollow axle	1
3	DIN 625	Ball bearing	2
4	00 91 30 27	Washer	2
5	00 94 15 60	Felt washer	2
6	07 51 60 00	Dust cover	1
7	07 51 61 00	Spacer ring	1
9	01 57 60 01	Dust cover	2
10	07 51 22 00	Spacer	1
11	07 53 02 00	Brake cover	1
12	07 53 11 00	Brake shoe bolt	1
13	07 50 33 00	Brake shoe with steel insert	2
14	07 53 08 00	Brake lining	2
15	00 92 24 03	Rivet	16
16	00 91 30 23	Washer	4
17	DIN 94	Cotter pin	2
18	07 53 19 00	Brake cam	1
19	07 53 80 00	Return spring	2
20	07 53 23 01	Brake lever	1
21	01 22 72 00	Clamping screw	1
22	DIN 127	Spring washer	1
23	DIN 934	Hexagon nut	1
24	DIN 3402	Grease nipple	1
25	01 50 15 00	Knock out spindle compl.	1
26	00 91 30 51	Washer	2
27	01 51 75 00	Hexagon nut	1
28	00 91 35 31	Spacer washer	×
	00 91 35 32	Spacer washer	×
	00 91 35 33	Spacer washer	×
	00 91 35 34	Spacer washer	×

× = apply as many as needed.



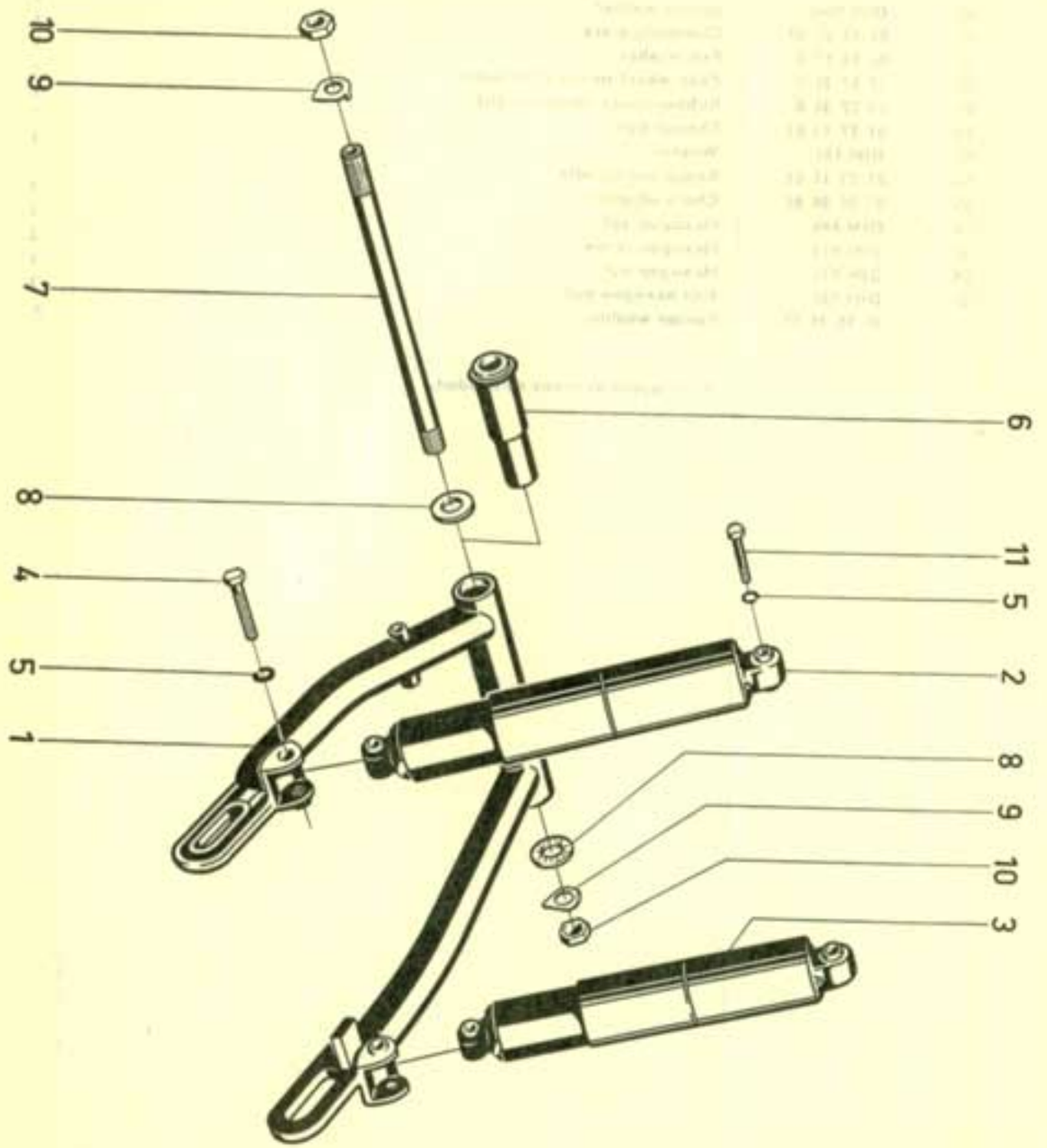
Rear wheel

Picture No.	Order No.	Designation	Quantity
	07 50 20 01	Rear wheel, compl.	1
	07 51 02 03	Wheel rim, 40 holes	1
	07 52 07 01	Spoke, reinforced, inner	20
	07 52 08 01	Spoke, reinforced, outer	20
	01 51 09 00	Nipple	40
	DIN 7802	Tyre 3,5×18	1
	DIN 7802	Tube E 18	1
	DIN 7802	Wheel rim strap 18×28	1
1	07 50 24 00	Hub housing with brake ring	1
2	DIN 625	Ball bearing	4
3	00 94 15 80	Felt washer	1
4	01 52 61 00	Dust cover	1
5	01 52 60 00	Dust cover	1
6	00 94 15 90	Felt washer	1
7	00 91 30 90	Washer	1
8	01 57 22 01–	Speedometer transmission pinion	1
	00 92 11 09	Cylindrical pin 4×12 for speedometer transmission pinion	1
9	01 52 12 01	Hollow axle	1
10	00 91 30 27	Washer	2
11	00 94 15 60	Felt washer	1
12	01 57 60 01	Dust cover	1
13	01 52 22 01	Spacer	1
14	07 52 11 01	Anchor pin for shock absorber disk	3
15	DIN 127	Spring washer	3
16	DIN 936	Flat hexagon nut	3
17	07 53 01 01	Brake cover	1
18	01 57 41 00	Bushing for drive spindle	1
19	07 57 18 00	Speedometer drive spindle	1
20	00 91 30 11	Washer	1
21	01 50 71 00	Spring for speedometer flexible shaft	1
22	DIN 127	Spring washer B 5	1
23	DIN 86	Half round screw	1
24	07 53 22 00	Brake lever	1
25	01 22 72 00	Clamping screw	1
26	DIN 127	Spring washer	1
27	DIN 934	Hexagon nut	1
28	08 36 45 00	Brake anchor	1
29	DIN 3402	Grease nipple	3
30	07 53 12 00	Brake cam	1
31	07 53 13 00	Brake shoe spindle	1
	07 50 32 00	Brake shoe compl.	2
32	07 53 05 00	Brake shoe	2
33	07 53 08 00	Brake lining	2
34	00 92 24 03	Rivet (Aluminium)	16
35	00 91 30 23	Washer	4
36	DIN 94	Cotter pin	2
37	07 53 80 00	Return spring	2
38	DIN 127	Spring washer	1
39	DIN 84	Cylindrical screw	1
40	01 57 04 00	Sprocket flange	1
41	01 57 81 00	Circlip	1
42	00 94 15 18	Felt washer	1
43	07 57 60 00	Dust cover	1
44	07 57 30 00	Carrier tube	1
45	00 91 18 35	Hexagon nut	1
46	00 92 32 30	Spacer ring	1

Rear wheel

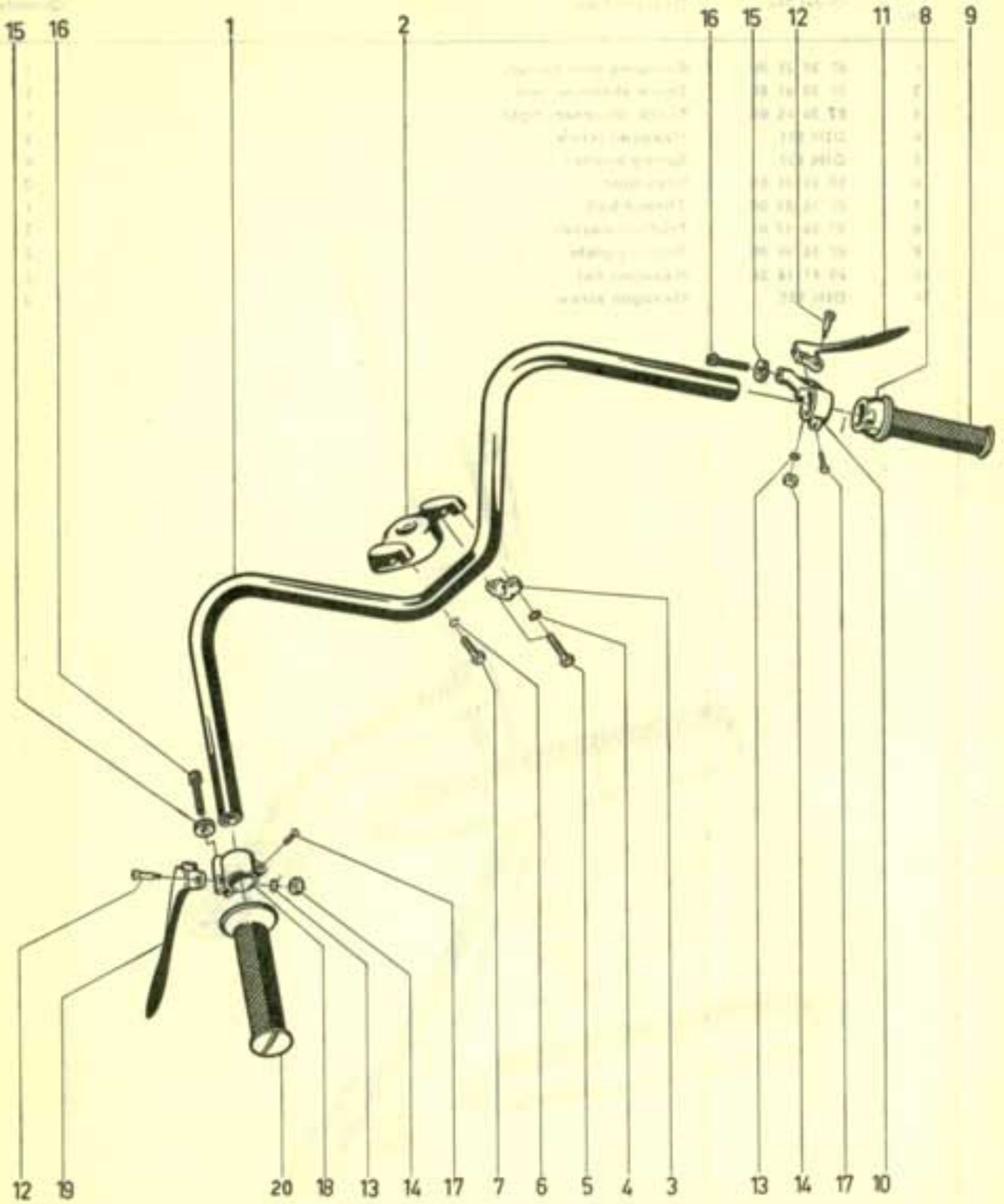
Picture No.	Order No.	Designation	Quantity
47	DIN 9045	Spring washer	1
48	01 57 31 00	Clamping piece	1
49	00 94 15 61	Felt washer	1
50	23 57 20 00	Rear wheel sprocket 39 teeth – $^1/_2 \times ^1/_4$	1
51	01 57 24 00	Rubber shock absorber disk	1
52	01 57 14 03	Thread bolt	3
53	DIN 125	Washer	3
54	01 52 15 01	Knock out spindle	1
55	07 36 08 01	Chain adjuster	2
56	DIN 934	Hexagon nut	2
57	DIN 933	Hexagon screw	2
58	DIN 934	Hexagon nut	1
59	DIN 936	Flat hexagon nut	3
	00 91 35 50	Spacer washer	×

× = apply as many as needed.



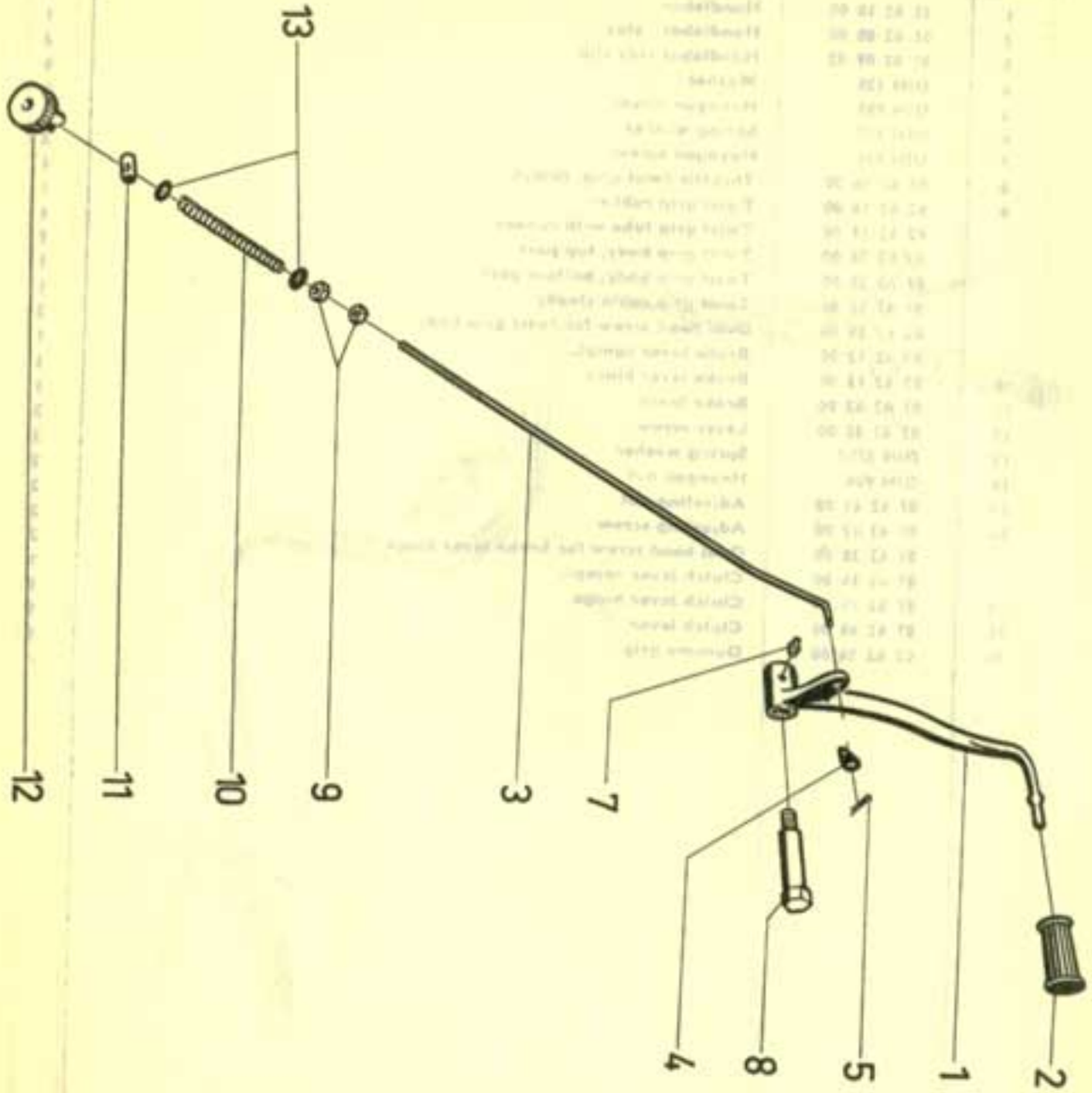
Swinging arm suspension

Picture No.	Order No.	Designation	Quantity
1	07 30 25 00	Swinging arm compl.	1
2	07 30 65 04	Shock absorber, left	1
3	07 30 65 05	Shock absorber, right	1
4	DIN 931	Hexagon screw	2
5	DIN 127	Spring washer	4
6	07 36 31 03	Silentbloc	2
7	07 36 33 00	Thread bolt	1
8	07 36 32 01	Friction washer	2
9	07 36 34 00	Security plate	2
10	00 91 18 36	Hexagon nut	2
11	DIN 931	Hexagon screw	2



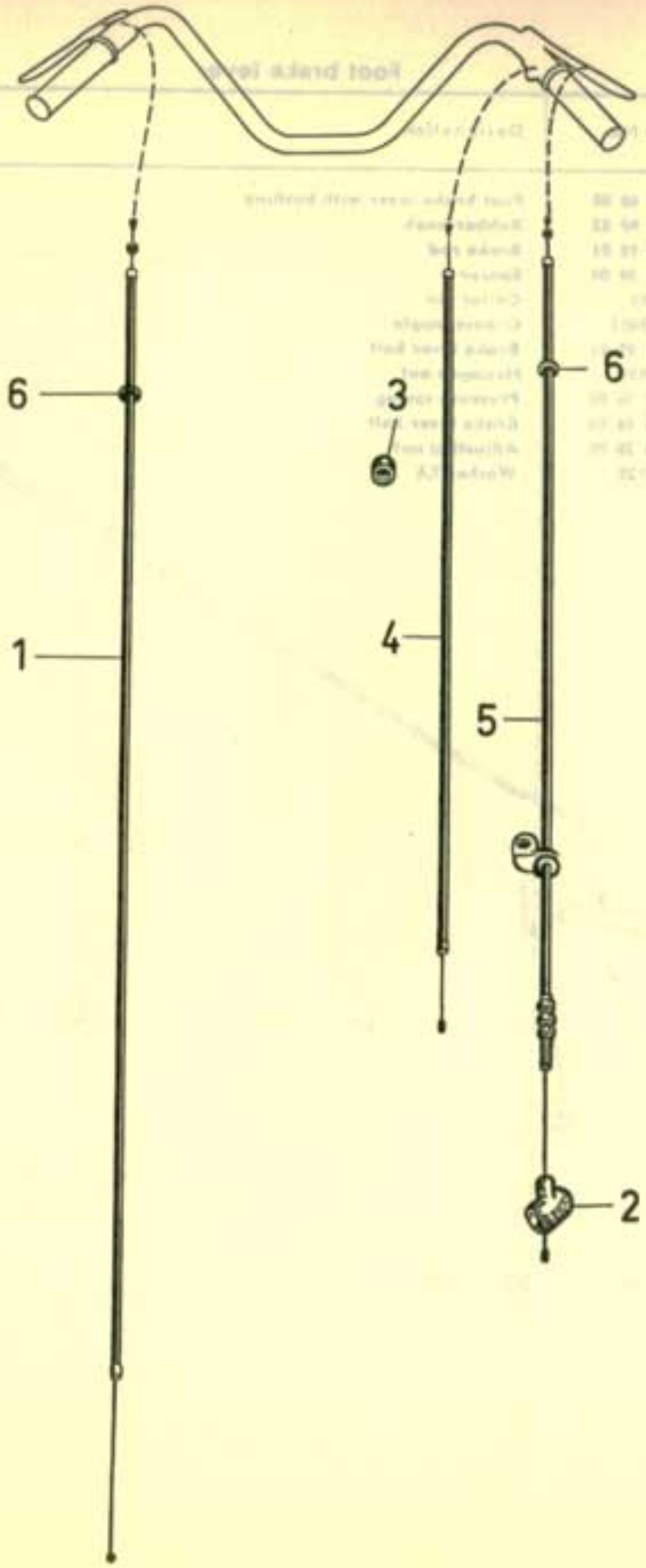
Handlebar

Picture No.	Order No.	Designation	Quantity
1	23 42 10 00	Handlebar	1
2	01 42 08 00	Handlebar—stay	1
3	01 42 09 02	Handlebar stay clip	2
4	DIN 125	Washer	4
5	DIN 931	Hexagon screw	4
6	DIN 127	Spring washer	2
7	DIN 931	Hexagon screw	2
8	07 42 16 00	Throttle twist grip, compl.	1
9	02 42 18 00	Twist grip rubber	1
	02 42 17 00	Twist grip tube with rubber	1
	02 42 26 00	Twist grip body, top part	1
	07 42 25 00	Twist grip body, bottom part	1
	07 42 50 00	Twist grip cable steady	1
	02 42 23 00	Oval head screw for twist grip body	2
	07 42 12 00	Brake lever compl.	1
10	07 42 13 00	Brake lever hinge	1
11	07 42 42 00	Brake lever	1
12	02 42 35 00	Lever screw	2
13	DIN 6797	Spring washer	2
14	DIN 934	Hexagon nut	2
15	07 42 61 00	Adjusting nut	2
16	07 42 62 00	Adjusting screw	2
17	07 42 28 00	Oval head screw for brake lever hinge	2
	07 42 14 00	Clutch lever compl.	1
18	07 42 15 00	Clutch lever hinge	1
19	07 42 44 00	Clutch lever	1
20	02 42 24 00	Dummy grip	1



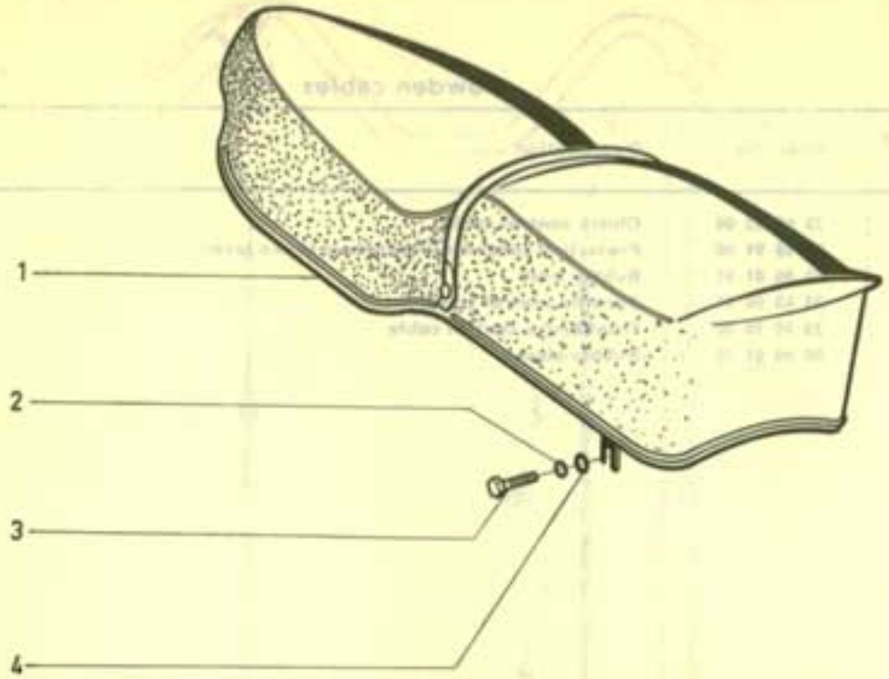
Foot brake lever

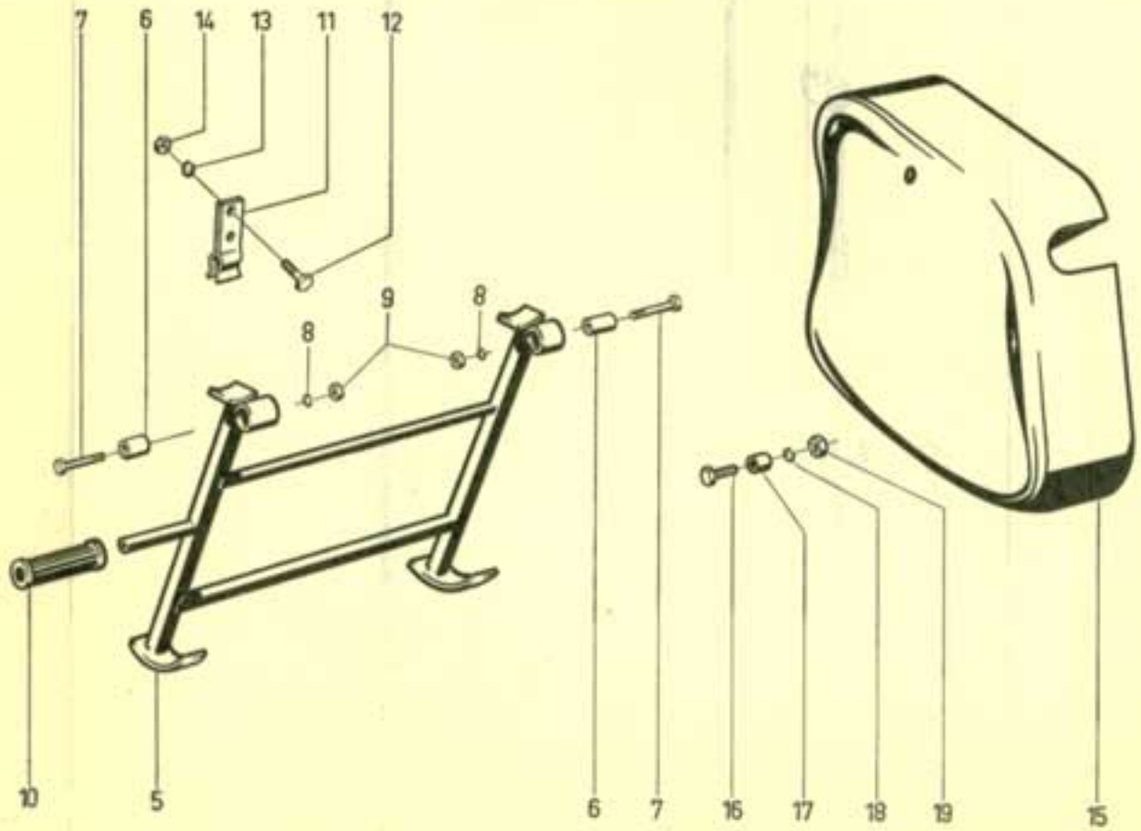
Picture No.	Order No.	Designation	Quantity
1	07 50 40 00	Foot brake lever with bushing	1
2	01 53 90 02	Rubber knob	1
3	07 53 18 01	Brake rod	1
4	07 53 30 00	Spacer	1
5	DIN 94	Cotter pin	1
7	DIN 3402	Grease nipple	1
8	07 53 09 02	Brake lever bolt	1
9	DIN 934	Hexagon nut	2
10	00 93 26 08	Pressure spring	1
11	07 53 10 00	Brake lever bolt	1
12	07 53 28 00	Adjusting nut	1
13	DIN 125	Washer 7,4	2



Bowden cables

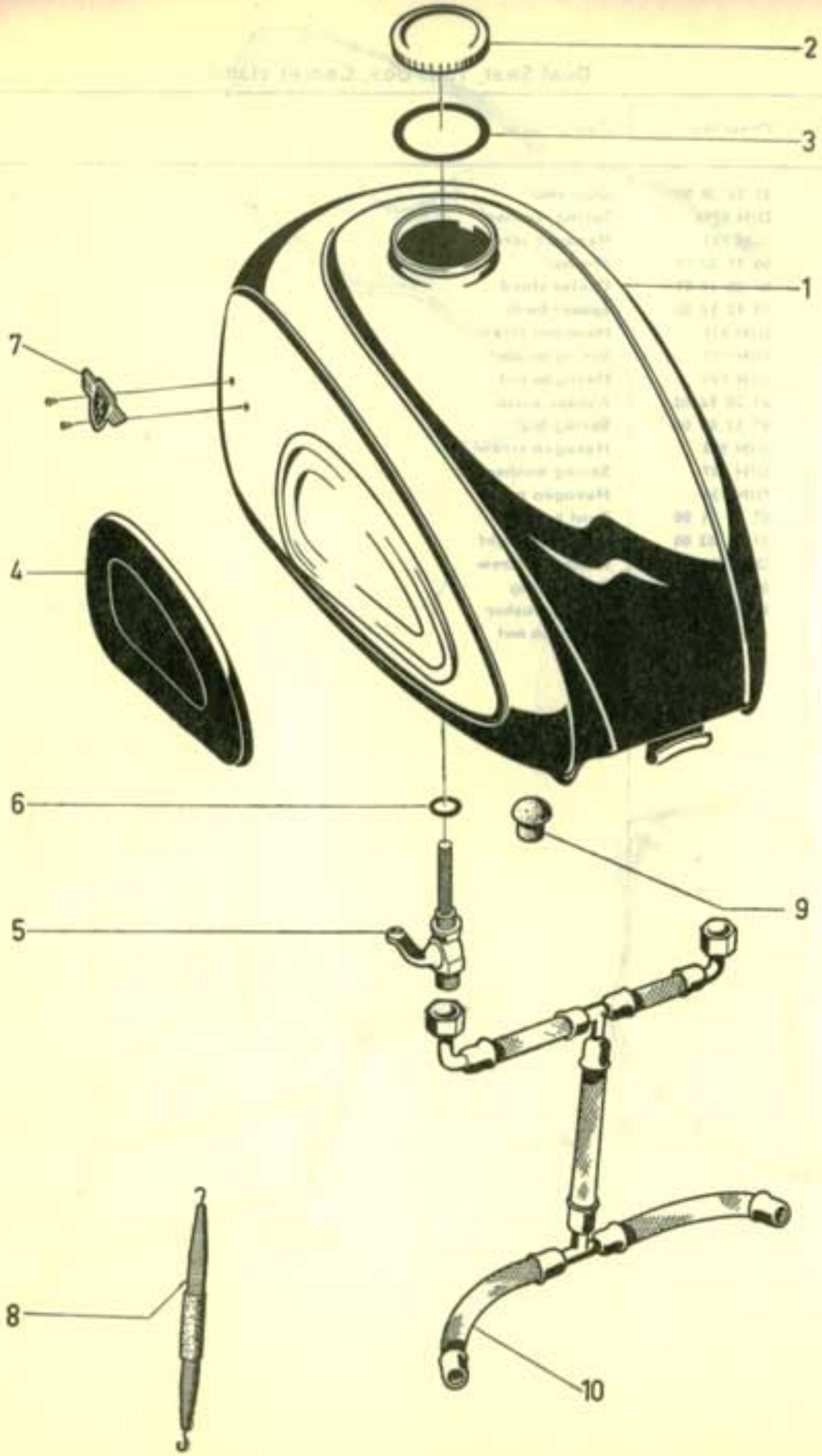
Picture No.	Order No.	Designation	Quantity
1	23 40 32 00	Clutch control cable	1
2	07 53 91 00	Protection cover for front wheel brake lever	1
3	00 94 81 00	Rubber bush	1
4	23 43 06 00	Throttle control cable	2
5	23 40 30 00	Front brake control cable	1
6	00 94 81 10	Rubber sleeve	2





Dual Seat, Tool box, Center stand

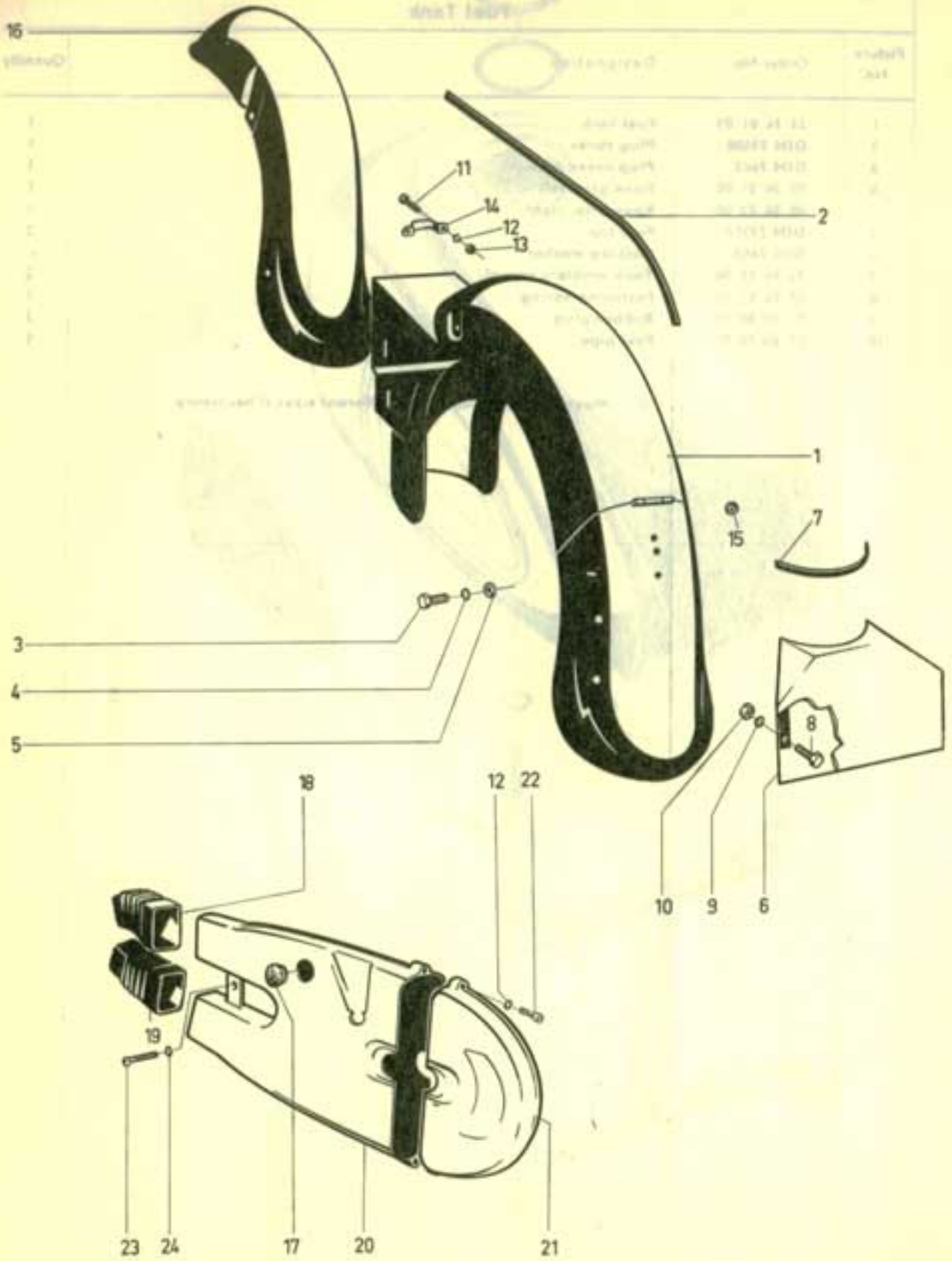
Picture No.	Order No.	Designation	Quantity
1	07 32 20 00	Dual seat	1
2	DIN 6798	Spring washer	2
3	DIN 933	Hexagon screw	2
4	00 91 30 47	Washer	2
5	07 30 22 01	Center stand	1
6	00 92 32 08	Spacer bush	2
7	DIN 931	Hexagon screw	2
8	DIN 127	Spring washer	2
9	DIN 934	Hexagon nut	2
10	01 23 92 00	Rubber piece	1
11	07 32 80 00	Spring leaf	2
12	DIN 933	Hexagon screw	2
13	DIN 127	Spring washer	2
14	DIN 934	Hexagon nut	2
15	07 81 01 00	Tool box, left	1
	07 81 02 00	Tool box, right	1
16	DIN 931	Hexagon screw	7
17	00 92 32 05	Spacer ring	7
18	DIN 127	Spring washer	7
19	DIN 934	Hexagon nut	7



Fuel Tank

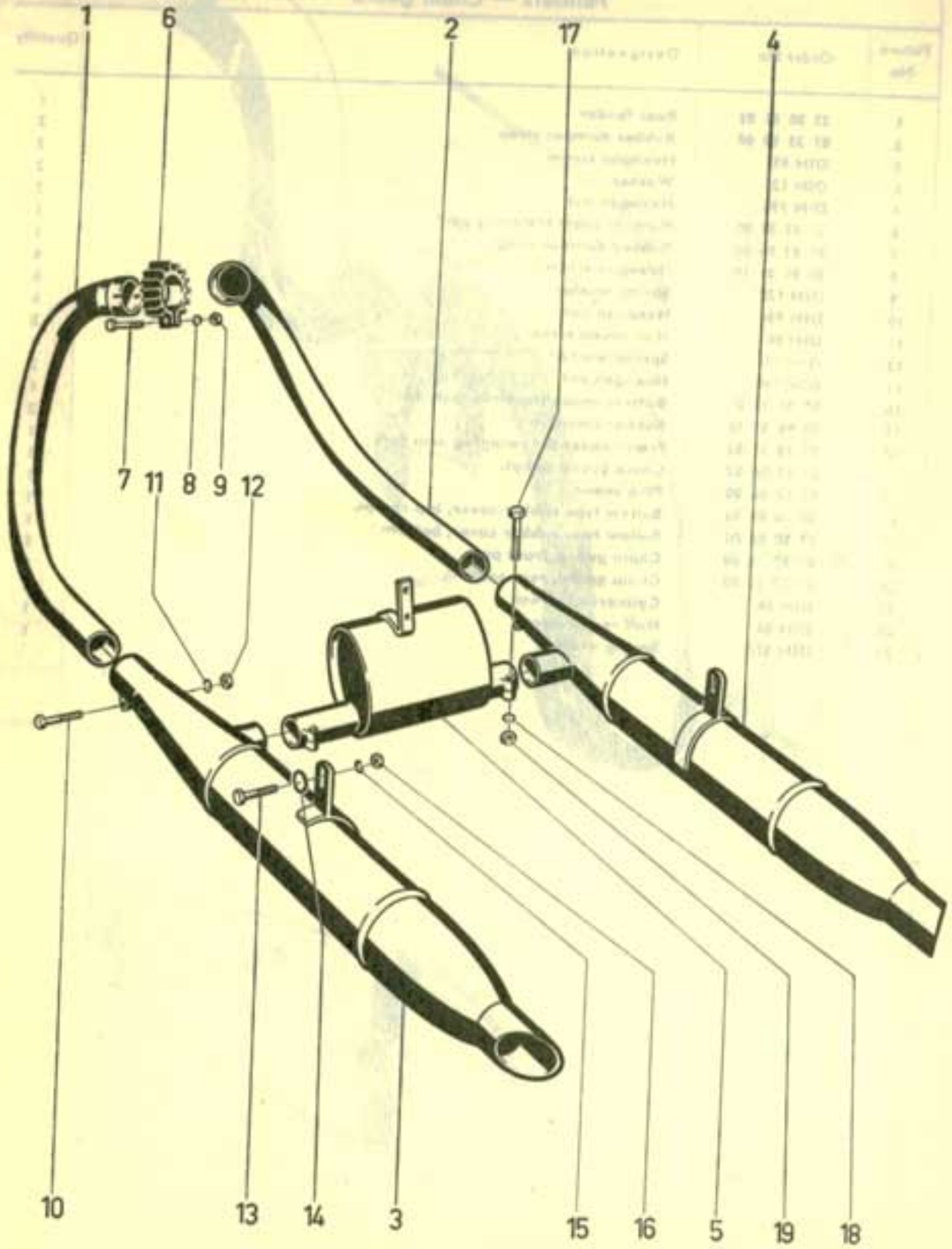
Picture No.	Order No.	Designation	Quantity
1	23 34 01 00	Fuel tank	1
2	DIN 73400	Plug cover	1
3	DIN 7603	Plug cover gasket	1
4	00 34 21 00	Knee grip, left	1
	00 34 22 00	Knee grip, right	1
5	DIN 73376	Fuel tap	2
6	DIN 7603	Packing washer	×
7	23 34 15 00	Tank emblem compl.	2
8	23 34 83 00	Fastening spring	1
9	00 94 80 20	Rubber plug	2
10	07 34 30 01	Fuel pipe	1

× = Mount packing washers of different sizes if necessary



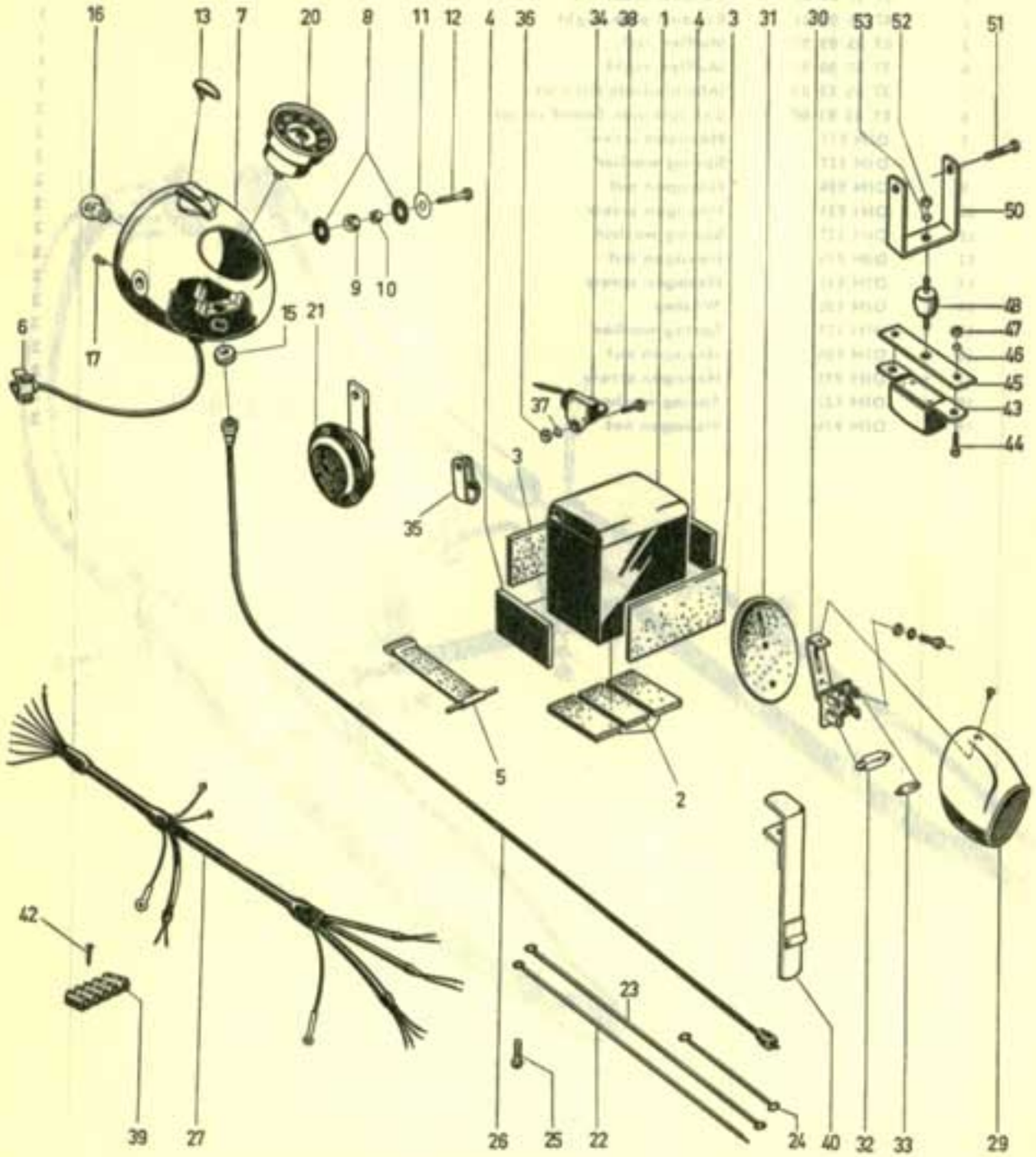
Fenders — Chain guard

Picture No.	Order No.	Designation	Quantity
1	23 30 51 01	Rear fender	1
2	07 33 90 00	Rubber damper strap	2
3	DIN 931	Hexagon screw	2
4	DIN 125	Washer	2
5	DIN 934	Hexagon nut	2
6	07 83 37 00	Number plate fastening part	1
7	07 83 90 00	Rubber damper strap	1
8	00 91 01 10	Hexagon screw	4
9	DIN 127	Spring washer	4
10	DIN 934	Hexagon nut	4
11	DIN 86	Half round screw	2
12	DIN 127	Spring washer	4
13	DIN 934	Hexagon nut	2
14	07 37 22 01	Battery mounting strap fastener	1
15	00 94 81 10	Rubber sleeve	2
16	07 33 01 03	Front fender for swinging arm fork	1
	07 57 06 02	Chain guard compl.	1
17	07 57 08 00	Plug cover	1
18	07 50 85 00	Bellow type rubber cover, top compl.	1
19	07 50 86 00	Bellow type rubber cover, bottom	1
20	07 57 15 00	Chain guard, front part	1
21	07 57 16 00	Chain guard, rear part	1
22	DIN 84	Cylindrical screw	2
23	DIN 86	Half round screw	1
24	DIN 127	Spring washer	1



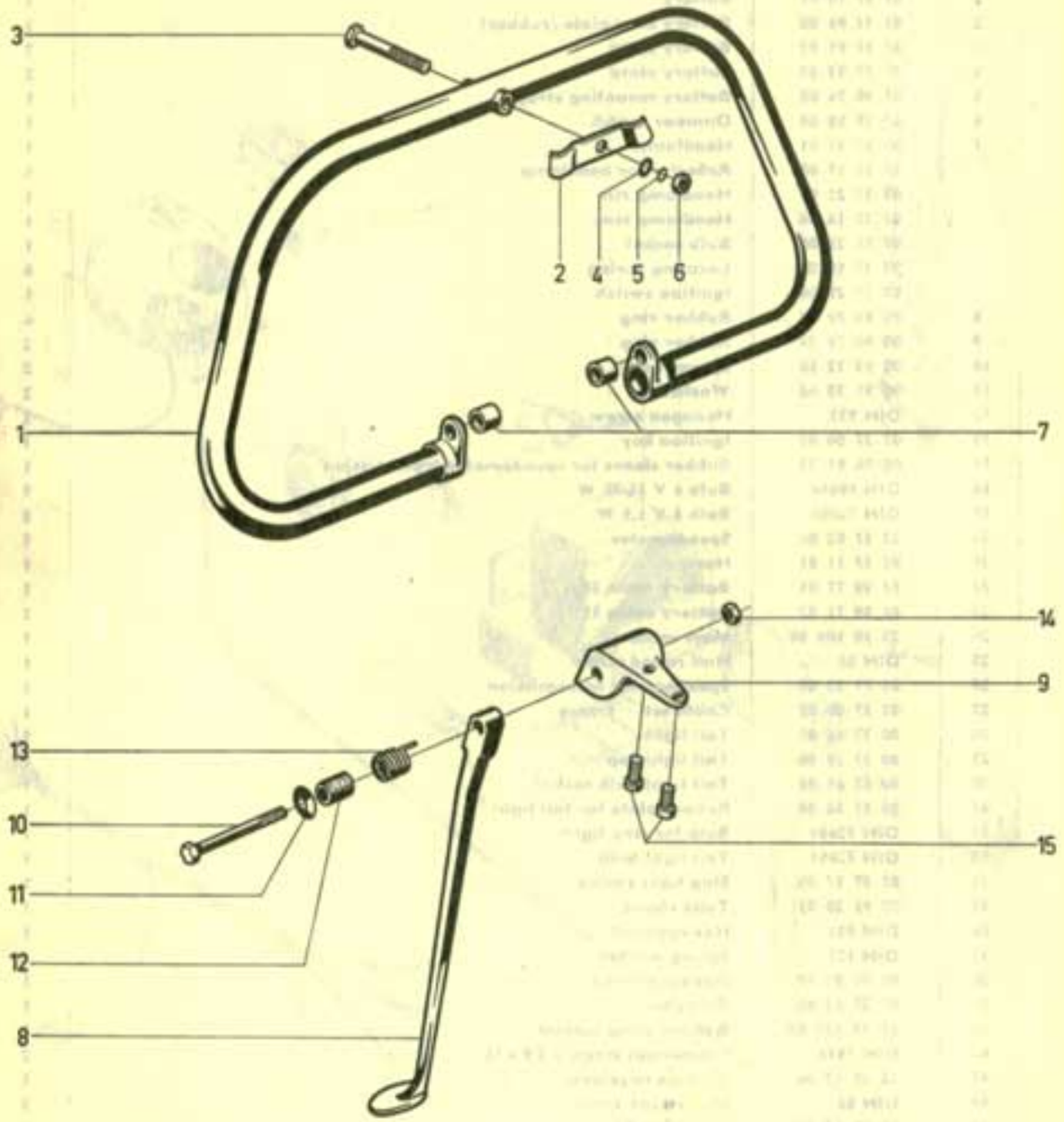
Exhaust pipes, mufflers

Picture No.	Order No.	Designation	Quantity
1	07 35 01 01	Exhaust pipe, left	1
2	07 35 02 01	Exhaust pipe, right	1
3	07 35 05 01	Muffler, left	1
4	07 35 06 01	Muffler, right	1
5	07 35 15 03	Intermediate silencer	1
6	01 35 03 00	Exhaust pipe finned collar	2
7	DIN 931	Hexagon screw	2
8	DIN 127	Spring washer	2
9	DIN 934	Hexagon nut	2
10	DIN 931	Hexagon screw	2
11	DIN 127	Spring washer	2
12	DIN 934	Hexagon nut	2
13	DIN 931	Hexagon screw	2
14	DIN 125	Washer	2
15	DIN 127	Spring washer	2
16	DIN 934	Hexagon nut	2
17	DIN 931	Hexagon screw	2
18	DIN 127	Spring washer	2
19	DIN 934	Hexagon nut	2



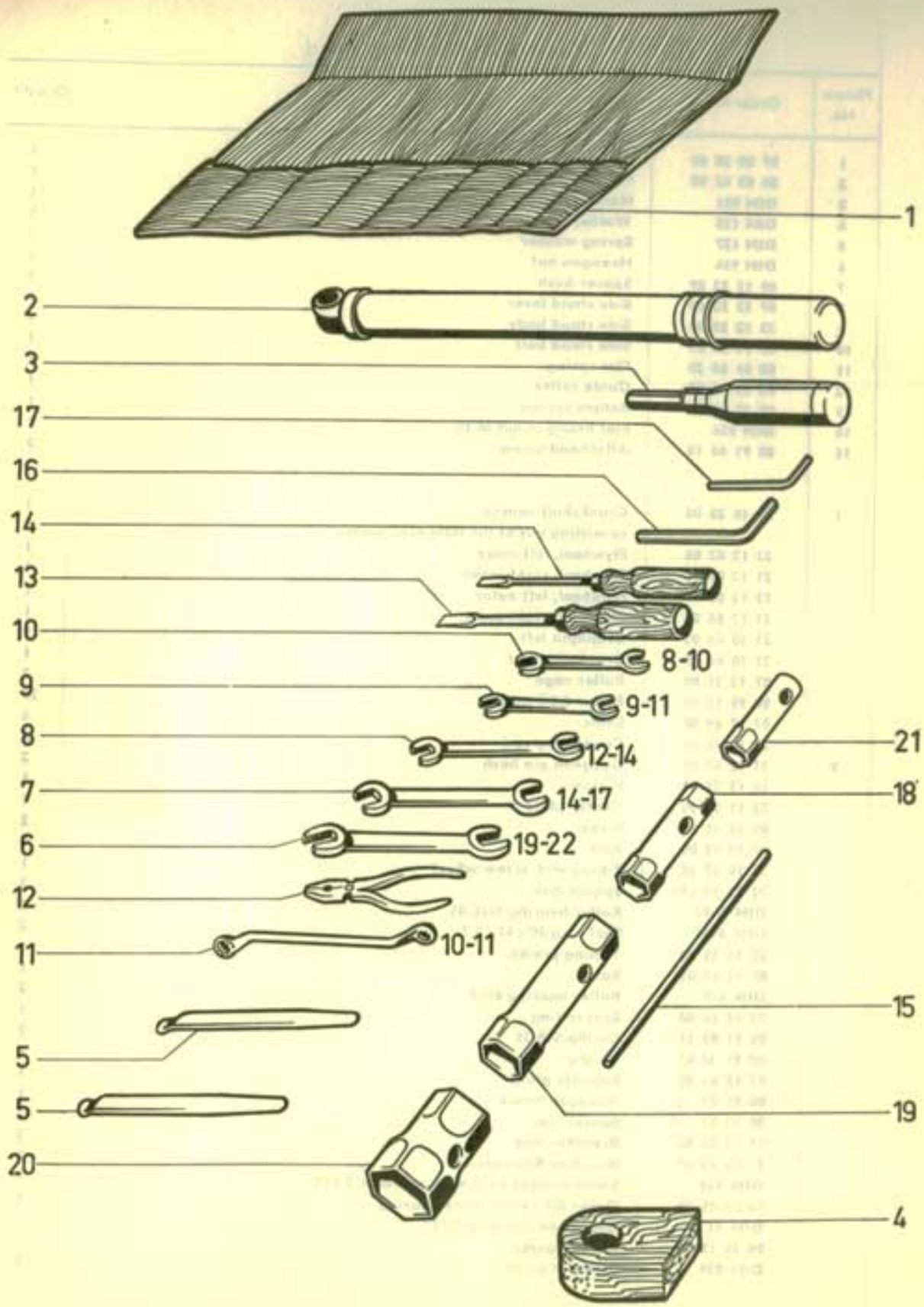
Lighting set

Picture No.	Order No.	Designation	Quantity
1	07 37 10 01	Battery	1
2	07 37 96 00	Battery base plate (rubber)	3
3	07 37 91 02	Battery plate	2
4	07 37 93 02	Battery plate	2
5	07 30 74 00	Battery mounting strap	1
6	03 37 50 00	Dimmer switch	1
7	07 37 01 01	Headlamp	1
	07 37 17 00	Reflector for headlamp	1
	07 37 21 00	Headlamp rim	1
	07 37 16 00	Headlamp lens	1
	07 37 25 00	Bulb socket	1
	07 37 18 00	Locating spring	4
	07 37 29 00	Ignition switch	1
8	00 94 79 23	Rubber ring	4
9	00 94 79 24	Rubber ring	2
10	00 92 32 50	Spacer bush	2
11	00 91 30 46	Washer	2
12	DIN 933	Hexagon screw	2
13	07 37 04 00	Ignition key	1
15	00 94 81 23	Rubber sleeve for speedometer transmission	1
16	DIN 49844	Bulb 6 V 35/35 W	1
17	DIN 72601	Bulb 6 V 1,5 W	3
20	23 37 02 00	Speedometer	1
21	07 37 51 01	Horn	1
22	07 30 77 01	Battery cable 30	1
23	07 30 71 02	Battery cable 31	1
24	23 30 105 00	Mass cable	1
25	DIN 86	Half round screw	1
26	01 57 23 00	Speedometer transmission	1
27	07 37 30 02	Cable set — frame	1
28	00 37 55 00	Tail light	1
29	00 37 59 00	Tail light cap	1
30	00 37 61 00	Tail light bulb socket	1
31	00 37 56 00	Rubber plate for tail light	1
32	DIN 72601	Bulb for stop light	1
33	DIN 72601	Tail light bulb	1
34	07 37 57 00	Stop light switch	1
35	00 93 20 05	Tube clamp	1
36	DIN 934	Hexagon nut	1
37	DIN 127	Spring washer	1
38	00 91 01 10	Hexagon screw	1
39	07 37 60 00	Terminal	5
40	07 30 102 00	Battery strap carrier	1
42	DIN 7971	Cylindrical screw S 2,9 × 13	2
43	23 17 12 00	Voltage regulator	1
44	DIN 86	Half round screw	2
45	07 17 43 00	Fastening flap	1
46	DIN 127	Spring washer	2
47	DIN 934	Hexagon nut	2
48	03 80 10 00	Rubber damper	1
50	07 17 13 60	Fastening bow	1
51	DIN 931	Hexagon screw	1
52	DIN 934	Hexagon nut	3
53	DIN 127	Spring washer	3



Crash bar, Extra side stand

Picture No.	Order No.	Designation	Quantity
1	07 80 20 00	Crash bar	1
2	08 83 47 00	Fastening clip	1
3	DIN 931	Hexagon screw	1
4	DIN 125	Washer	1
5	DIN 127	Spring washer	1
6	DIN 934	Hexagon nut	1
7	00 92 32 89	Spacer bush	2
8	07 32 32 00	Side stand lever	1
9	23 32 33 00	Side stand body	1
10	00 91 03 01	Side stand bolt	1
11	00 91 84 20	Flat spring	1
12	03 32 34 00	Guide roller	1
13	07 32 83 00	Return spring	1
14	DIN 936	Flat hexagon nut M 10	1
15	00 91 06 10	Allenhead screw	2
1	23 10 20 00	Crankshaft compl.	1
		consisting out of the following parts:	
	23 12 03 00	Flywheel, left inner	1
	23 12 04 00	Flywheel, right inner	1
	23 12 05 00	Flywheel, left outer	1
	23 12 06 00	Flywheel, right outer	1
	23 10 88 00	Crankpin left	1
	23 10 89 00	Crankpin right	1
	07 12 21 00	Roller cage	2
	00 95 17 10	Roller 6,5Ø×8,5 B	26
	07 12 69 00	Shim	4
	23 12 31 00	Connecting rod	2
9	23 12 41 00	Gudgeon pin bush	2
	18 13 21 00	Pinion	1
	23 11 03 00	Center plate	1
	00 91 41 10	Screw	2
	00 92 71 00	Bolt	1
	23 10 52 00	Pinion with screw wheel	1
	00 91 35 107	Spacer disk	2
	DIN 5412	Roller bearing NJL 35	1
	DIN 6504	Seal ring 30×42×5,7	2
	23 13 35 00	Timing pinion	1
	07 13 63 03	Bolt	1
	DIN 625	Roller bearing 6003	2
	23 13 50 00	Spacer ring	1
	00 91 80 11	Circlip S B 35	2
	00 91 30 47	Washer	1
	07 13 86 00	Security plate	1
	00 91 01 12	Hexagon Screw	1
	00 92 32 113	Spacer ring	1
	01 11 32 00	Breather flap	2
	01 11 33 00	Breather flap carrier	2
	DIN 920	Small headed oval head screw M 5×10	4
	18 10 85 00	Cover for center plate bearing	1
	DIN 91	Oval head screw M 6×12	4
	00 94 15 04	Rubber gasket	3
	DIN 939	Screw M 6×22	3



Tools

Picture No.	Order No.	Designation	Quantity
	07 81 03 00	Tool bag, compl.	1
1	00 81 04 00	Tool bag	1
2	00 81 15 01	Tyre pump	1
3	00 81 12 00	Grease gun	1
4	07 81 80 00	Wooden log	1
5	00 81 09 00	Tyre lifter	2
6	DIN 895	Double end spanner 19–22	1
7	DIN 895	Double end spanner 14–17	1
8	DIN 895	Double end spanner 12–14	1
9	DIN 895	Double end spanner 9–11	1
10	DIN 895	Double end spanner 8–10	1
11	DIN 838	Ring spanner 10–11	1
12	DIN 5244	Pliers	1
13	DIN 5269	Screw driver	1
14	DIN 5269	Screw driver	1
15	DIN 900	Tommy bar	1
16	DIN 911	Hexagon box spanner SW 8	1
17	DIN 911	Hexagon box spanner SW 5	1
18	00 81 18 00	Box spanner SW 11–14	1
19	00 81 20 00	Box spanner SW 17–21	1
20	00 81 19 00	Box spanner SW 27–32	1
21	DIN 659	Single box spanner SW 19	1

Crash bar, Extra side stand

Picture No.	Order No.	Designation	Quantity
1	07 80 20 00	Crash bar	1
2	08 83 47 00	Fastening clip	1
3	DIN 931	Hexagon screw	1
4	DIN 125	Washer	1
5	DIN 127	Spring washer	1
6	DIN 934	Hexagon nut	1
7	00 92 32 89	Spacer bush	2
8	07 32 32 00	Side stand lever	1
9	23 32 33 00	Side stand body	1
10	00 91 03 01	Side stand bolt	1
11	00 91 84 20	Flat spring	1
12	03 32 34 00	Guide roller	1
13	07 32 83 00	Return spring	1
14	DIN 936	Flat hexagon nut M 10	1
15	00 91 06 10	Allenhead screw	2
1	23 10 20 00	Crankshaft compl.	1
		consisting out of the following parts:	
	23 12 03 00	Flywheel, left inner	1
	23 12 04 00	Flywheel, right inner	1
	23 12 05 00	Flywheel, left outer	1
	23 12 06 00	Flywheel, right outer	1
	23 10 88 00	Crankpin left	1
	23 10 89 00	Crankpin right	1
	07 12 21 00	Roller cage	2
	00 95 17 10	Roller 6,5Ø×8,5 B	26
	07 12 69 00	Shim	4
	23 12 31 00	Connecting rod	2
9	23 12 41 00	Gudgeon pin bush	2
	18 13 21 00	Pinion	1
	23 11 03 00	Center plate	1
	00 91 41 10	Screw	2
	00 92 71 00	Bolt	1
	23 10 52 00	Pinion with screw wheel	1
	00 91 35 107	Spacer disk	2
	DIN 5412	Roller bearing NJL 35	1
	DIN 6504	Seal ring 30×42×5,7	2
	23 13 35 00	Timing pinion	1
	07 13 63 03	Bolt	1
	DIN 625	Roller bearing 6003	2
	23 13 50 00	Spacer ring	1
	00 91 80 11	Circlip S B 35	2
	00 91 30 47	Washer	1
	07 13 86 00	Security plate	1
	00 91 01 12	Hexagon Screw	1
	00 92 32 113	Spacer ring	1
	01 11 32 00	Breather flap	2
	01 11 33 00	Breather flap carrier	2
	DIN 920	Small headed oval head screw M 5×10	4
	18 10 85 00	Cover for center plate bearing	1
	DIN 91	Oval head screw M 6×12	4
	00 94 15 04	Rubber gasket	3
	DIN 939	Screw M 6×22	3