

ZÜNDAPP

LIST OF SPARE PARTS

Team Zündapp

TYPE 519

ENGINE · FRAME

ZÜNDAPP-WERKE GMBH · 8 MÜNCHEN 80 · ANZINGER STRASSE 1-8

Explanatory Notes for Spare Parts Catalogue

Important Hints: This spare parts catalogue covers:

Engine 282—02 L4

4-speed/foot gear shifting

Table 1—10

Frame 519—01 L0

with telescopic fork

Table 11—19

Only original ZUNDAPP spare parts ensure reliable, trouble-free operation, maintain the validity of the guarantee and guard against damage. Use only genuine ZUNDAPP spares and refuse all substitutes. The fitting of other than genuine ZUNDAPP parts invalidates all claims under the guarantee.

To enable us to attend promptly to your spare parts orders from this catalogue, please note the following points, and quote details in full:

1. Orders

Address all correspondence relating to spare parts to:

ZUNDAPP-WERKE GMBH

VET-Division

8 München 80 · Anzinger Straße 1-3

Anzinger Straße 1—3

When ordering by telephone, please call up Munich 45 931, extension station 257 (Foreign Service).
In all your orders, merely quote "Order No." (2nd column from left in catalogue), and number of parts required.

Please use the printed order forms supplied by us, or, if available, order as follows:

Address as above

Please supply, in accordance with your General Conditions of Sale, the following engine or frame spare parts:

Order No.	Number of parts	Method of Despatch
281-01.909	2	
282-02.601	3	

Company stamp and signature

If you cannot clearly determine the Order No. of the part required, please forward sample, complete with tie-on label bearing your full name and address.

Where return of the sample is desired, please note this on the order and on the label. Unless specifically instructed otherwise, unserviceable parts are immediately scrapped and cannot be credited.

2. Prices

For resale prices, please consult our spare parts price lists or our spare parts Service Information.

3. Forwarding Instructions

In all your orders, state desired method of despatch, e. g: sample without value, postal parcel, express delivery, freight, express freight, express parcel or air mail.

Always clearly write address in full, including any postal zoning code, to avoid delays.

4. Terms of payment

Where no pre-payment has been made, all orders are supplied C. O. D. without exception, that means against presentation of documents or letter of credit. We regret that for administrative reasons no departure can be made

from this rule, since our accounting division cannot open individual customer accounts, in view of the vast volume of spare parts sales.

For similar reasons, spare parts, once supplied to order, cannot be returned or credited at a later date.

5. General Notes

- a) **Keep your spare part orders separate from all other correspondence.**
- b) In all your replies, please quote department and reference stated in our letters, to assist us in dealing promptly with your enquiries.
- c) Illustrations and data reproduced in this catalogue are not binding.
We reserve the right to introduce alterations without prior notification.

6. Guarantee

Export

We refer to par. 6 – Guarantee – of our General Conditions of Sale and Delivery (Export).

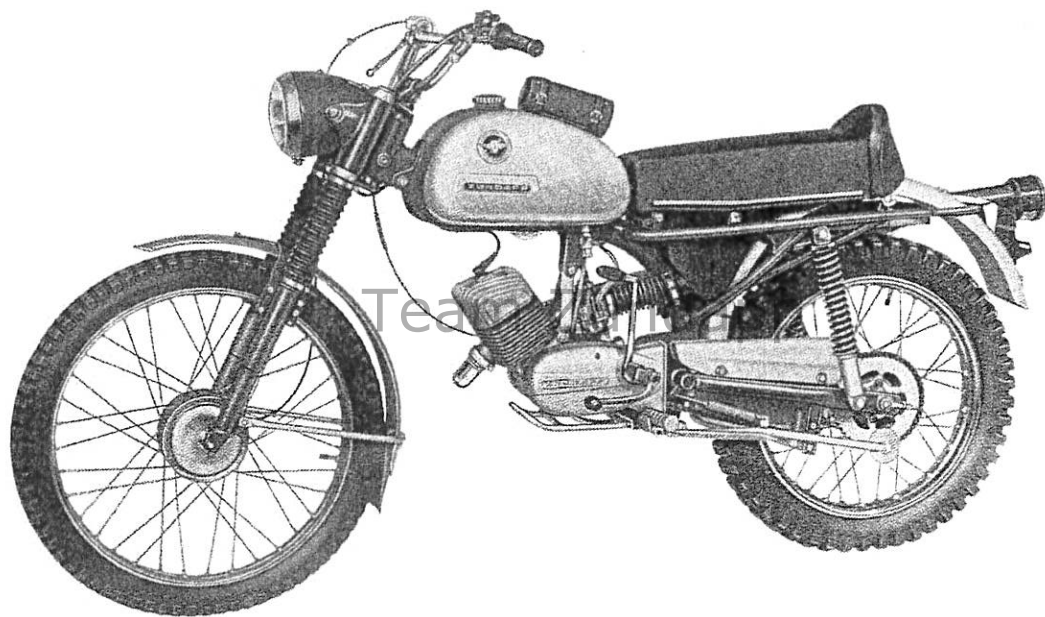
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ZUNDAPP-WERKE GMBH

8 München 80 • Anzinger Straße 1-3



Type 519-01L0 Six Days Scrambler

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Table 8	Gear change shaft — Pedal
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Table 1

Casing, right

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Table 1 Casing, right

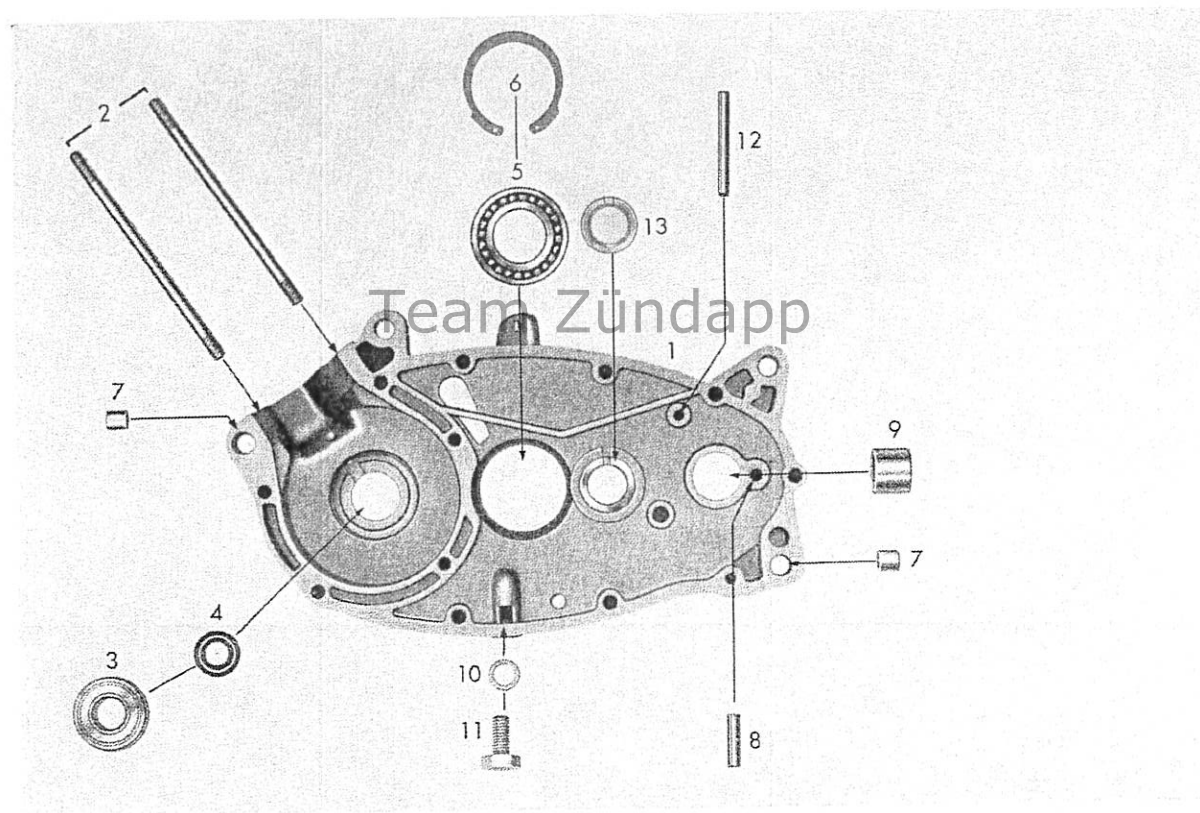


Table 1 Casing, right

Jll.-No.	Order-No.	Description	Piece	Remark
1	281-01.901	Casing, right	1	
—	281-01.124	Housing gasket	1	
2	281-01.100	Stud	2	
3	DIN 625 z 6204	Deep-groove ball bearing	1	
4	276-01.150	Shaft seal 20x30x7	1	
5	DIN 625 16005	Deep-groove ball bearing	1	
6	276-01.154	Seeger ring	1	
7	M 181 z 138	Press-fit bush	4	
8	267-05.129	Stud	1	
9	267-01.128	Bearing bush	1	
10	DIN 7603 A 10x14	Sealing ring	1	
11	DIN 933 M 10x18	Oil drain plug	1	
12	DIN 1481 5x50	Camping pin	1	
13	281-01.140	Bearing bush	1	

Table 2

Casing, left – Casing cover, left

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Table 2 Casing, left – Casing cover, left

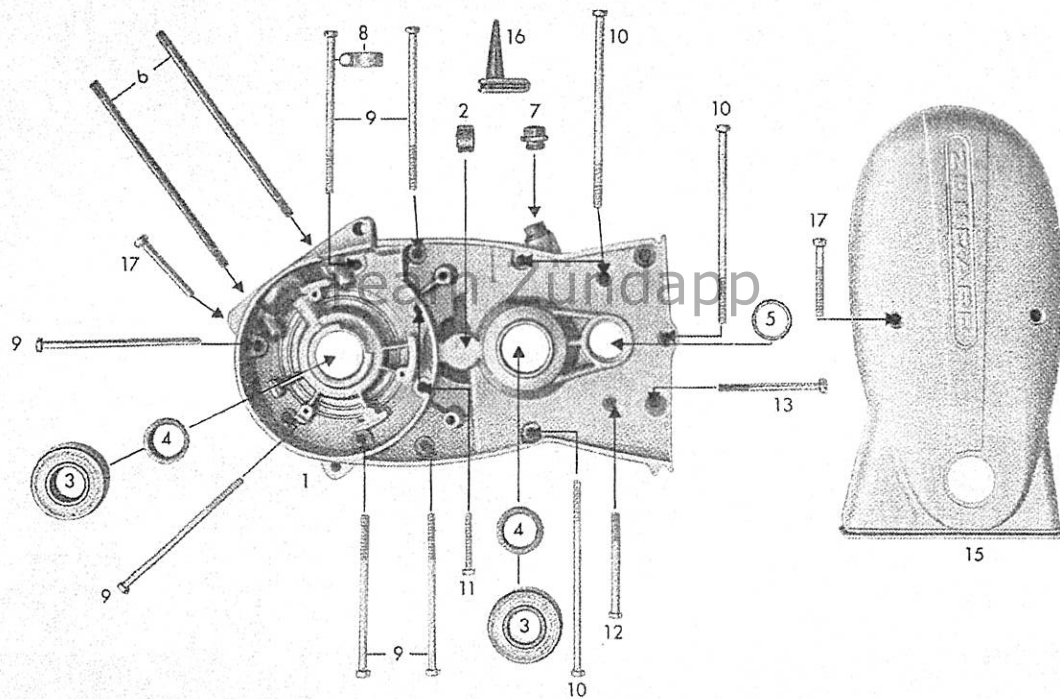


Table 2 Casing, left – Casing cover, left

JIL.-No.	Order-No.	Description	Piece	Remark
1	281-01.900	Casing, left	1	
2	282-01.123	Needle bearing	1	
3	DIN 625 z 6204	Deep-groove ball bearing	2	
4	276-01.150	Shaft seal	2	
5	267-01.126	Shaft seal	1	
6	281-01.100	Stud	2	
7	281-01.135	Oil filler screw	1	
8	276-01.145	Cable clip	1	
9	DIN 84 BM 6x98/25	Cyl. bolt	6	
10	DIN 84 BM 6x120/25	Cyl. bolt	4	
11	DIN 84 AM 6x35	Cyl. bolt	2	
12	DIN 84 BM 6x65/20	Cyl. bolt	1	
13	DIN 84 BM 6x50	Cyl. bolt	1	
14	DIN 84 BM 6x45	Cyl. bolt	3	
15	281-01.134	Casing cover, left	1	
16	283-07.100	Weather cap	1	

Table 3

Casing cover, right

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Table 3 Casing cover, right

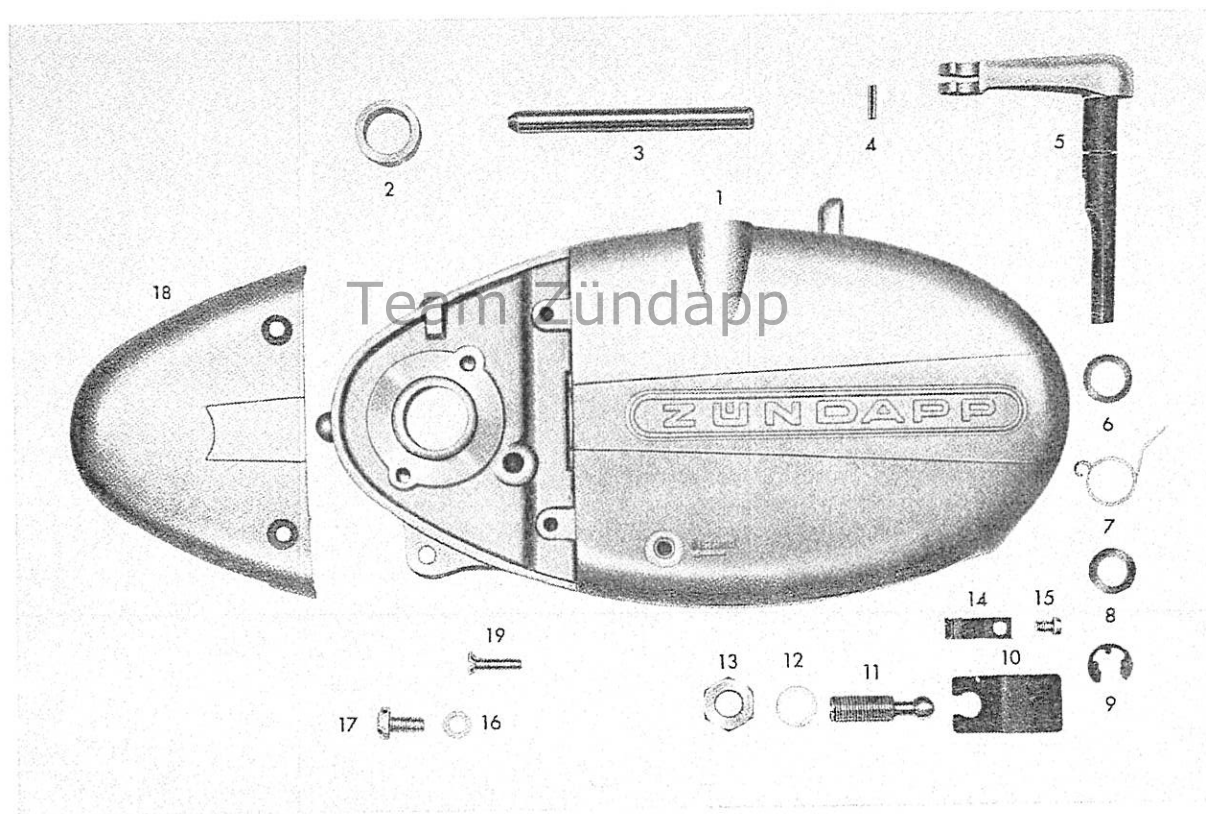


Table 3 **Casing cover, right**

Jll.-No.	Order-No.	Description	Piece	Remark
1	281-01.115	Casing cover, right	1	
---	281-01.125	Packing for gearbox	1	
2	---	---	---	
3	276-05.172	Guide pin for selector slide	1	
4	DIN 1481 3x12	Tension pin	1	
5	265-06.602	Clutch lever	1	
6	281-06.115	Washer 0,5 mm	var.	
6	281-06.114	Washer 0,2 mm	1	
7	265-06.112	Torsion spring	1	
8	405-15.388	Sealing ring	1	
9	DIN 6799 8	BZ washer	1	
10	265-06.104	Clutch tongue	1	
11	265-06.106	Set screw	1	
12	DIN 7603 A 10x14	Sealing ring	1	
13	DIN 936 M 10x1	Hex. nut	1	
14	265-06.109	Retaining spring	2	
15	DIN 84 AM 4x6	Cyl. bolt	2	
16	DIN 7603 A 6x10	Sealing ring	1	
17	DIN 85 AM 6x12	Oval-head screw	1	
---	277-01.135	Needle sleeve for bedding of crankshaft	1	
18	267-01.115	Connector cap	1	
19	DIN 91 AM 5x20	Oval-head screw	2	

Table 4

Cylinder – Crank drive

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Table 4 Cylinder – Crank drive

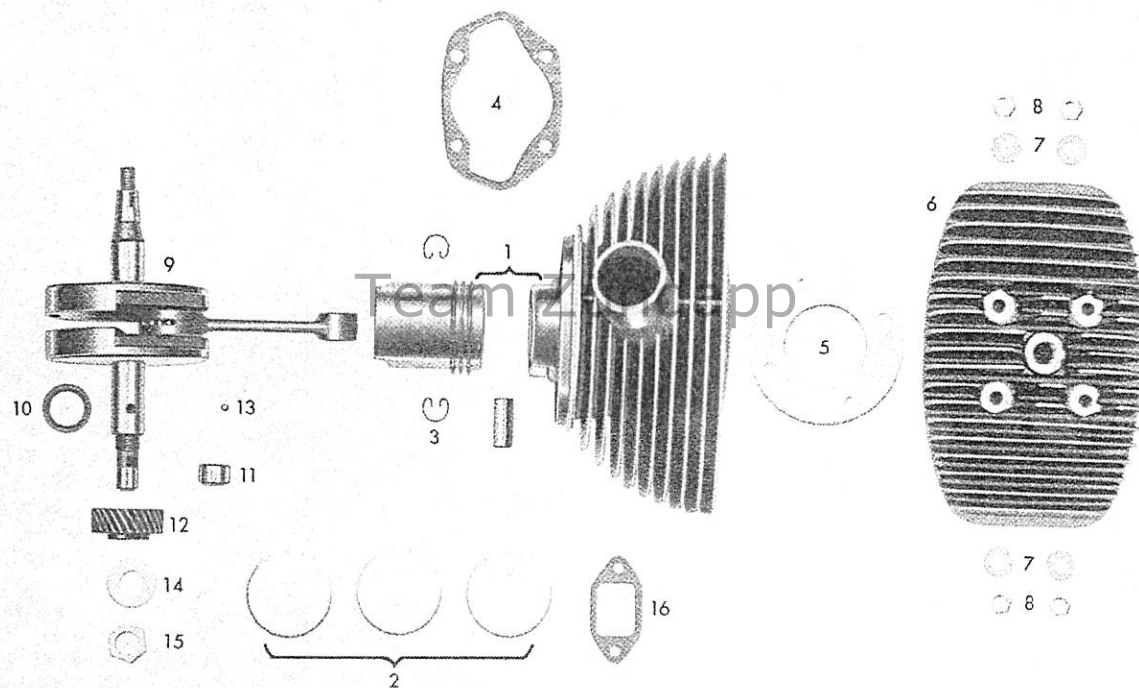


Table 4 Cylinder -- Crank drive

Jll.-No.	Order-No.	Description	Piece	Remark
1	282-02.601	Cylinder with piston	1	
2	281-02.108	Piston ring	1	
2	281-02.109	Piston ring	var.	
2	281-02.111	Piston ring LD	1	
3	DIN 73123 A 14	Snap ring	2	
4	281-02.110	Cylinder gasket	1	
5	281-02.115	Cylinder head gasket	1	
6	281-02.151	Cylinder head	1	
7	265-02.120	Washer	4	
8	DIN 934 M 7	Hex. nut	4	
9	282-03.602	Crankshaft	1	
10	281-03.107	Washer 1,85x20,1x28 mm	2	
—	267-05.310	Washer 0,1 x20,2x28 mm	var.	
—	267-05.315	Washer 0,2 x20,2x28 mm	var.	
—	267-05.321	Washer 0,3 x20,2x28 mm	var.	
11	277-01.135	Needle bush	1	
—	DIN 6888 3x3,7	Spring	1	
12	281-05.900	Gear w. clutch wheel (ill. table 6)	1	
13	DIN 5401 5 ϕ	Ball $\pm 0,005$	2	
14	276-05.198	Retaining washer	1	
15	276-05.119	Nut	1	
16	281-04.110	Gasket f. cylinder suction socket	1	
—	281-02.900	Gasket set (consisting of: Cylinder gasket, cyl. head gasket and gasket for cyl. suction socket)	1	

Table 5

Carburettor

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Table 5 Carburettor

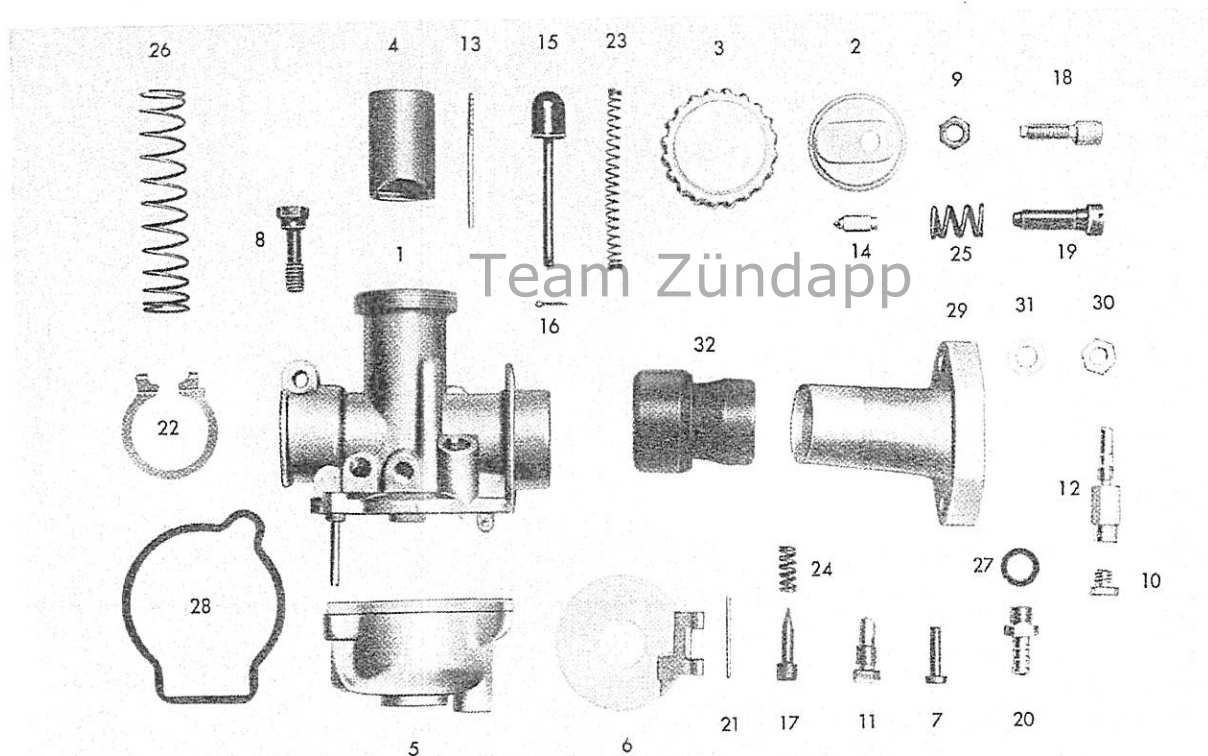


Table 5 Carburettor

Jll.-No.	Order-No.	Description	Piece	Remark
—	282-04.706	Carburettor, cpl. 1/22/180	1	
1	282-04.901	Carburettor housing 22 mm ϕ	1	
2	282-04.907	Cover plate	1	
3	276-04.906	Cover screwing	1	
4	282-04.904	Throttle valve	1	
5	276-04.908	Float housing	1	
6	276-04.909	Annular float	1	
7	276-04.910	Screw for float housing	2	
8	282-04.903	Clamping screw	1	
9	251-04.927	Nut	1	
10	2404 K 26	Jet, size 110	1	
10	2404 K 26	Jet, size 115	1	
11	282-04.910	Idle running jet 40	1	
12	282-04.909	Needle jet 1108	1	
13	282-04.911	Jet needle	1	
14	276-04.914	Float needle	1	
15	282-04.911	Priming button	1	
16	276-04.916	Split pin	1	
17	281-04.913	Air regulation screw	1	
18	267-04.938	Set screw	1	
19	267-04.917	Set screw	1	
20	267-04.940	Hose grommet	1	
21	276-04.918	Pin for annular float	1	

Table 5 Carburettor

Jll.-No.	Order-No.	Description	Piece	Remark
22	282-04.902	Clamping ring	1	
23	276-04.920	Priming button spring	1	
24	281-04.915	Spring for regulating screw	1	
25	2401 K 103	Spring for set screw	1	
26	282-04.906	Slide spring	1	
27	267-04.946	Sealing ring	1	
28	276-04.922	Gasket	1	
29	282-04.102	Suction socket	1	
30	DIN 934 M 6	Hex. nut	2	
31	DIN 433 6,4	Washer	2	
32	518-10.103	Sleeve	1	

Table 6

Gearbox – Selector shaft

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Table 6 Gearbox – Selector shaft

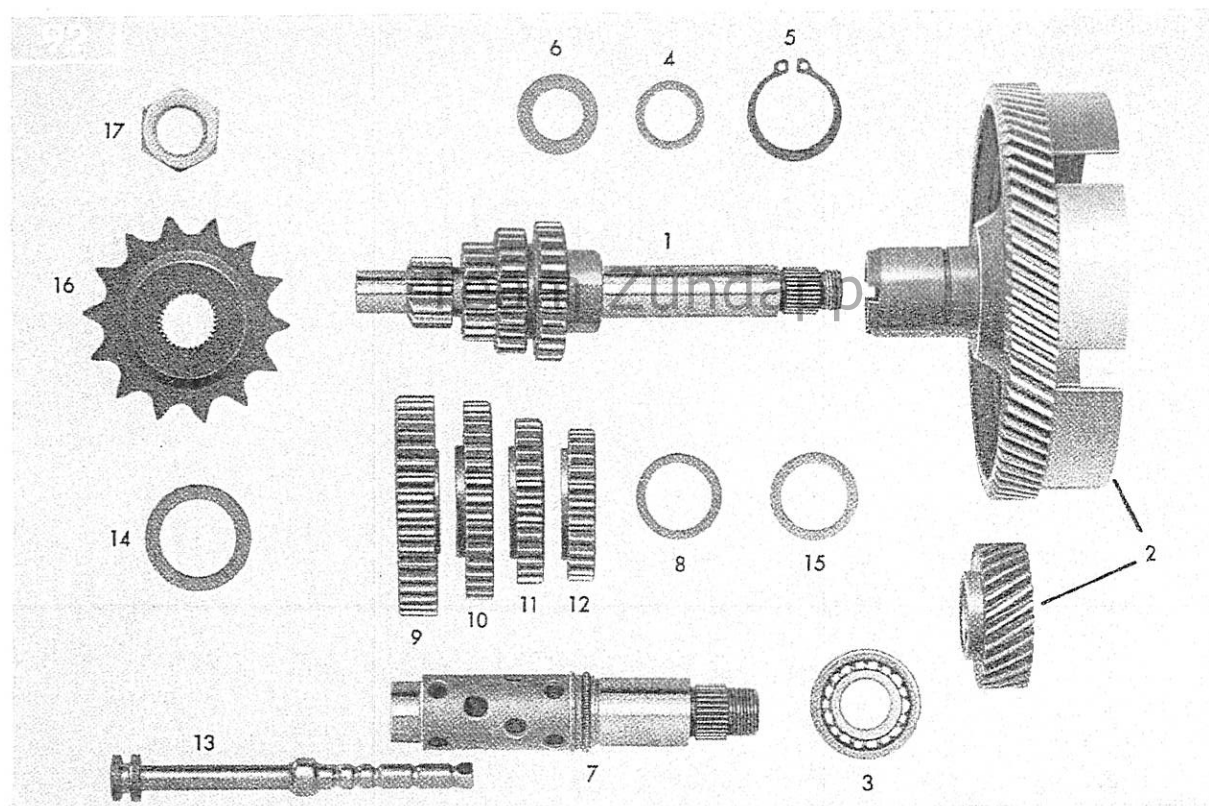


Table 6 Gearbox – Selector shaft

Jll.-No.	Order-No.	Description	Piece	Remark
1	276-05.613	Drive shaft	1	
—	DIN 5402 3,5 ϕ x5	Roller	19	
2	281-05.900	Clutch gear with pinion	1	
3	DIN 625 6002	Deep-groove ball bearing	1	
4	M 1301 z 450	Washer 0,8x15,1x21 mm	var.	
4	M 1301 z 451	Washer 0,2x15,1x21 mm	var.	
4	M 1301 z 452	Washer 0,5x15,1x21 mm	var.	
4	M 1301 z 459	Washer 0,1x15,1x21 mm	var.	
5	DIN 471 25x1,2	Retaining washer	1	
6	261-05.132	Washer 0,8x15,1x24 mm	var.	
6	261-05.133	Washer 1,0x15,1x24 mm	var.	
7	276-05.900	Selector shaft	1	
—	278-05.101	Ball 7 mm ϕ	16	
8	281-05.152	Distance ring 1x18,1 mm	1	
8	281-05.153	Distance ring 1x19,5 mm	1	
9	276-05.140	Gear wheel, f. 1st. gear, 40 t.	1	
10	277-05.141	Gear wheel, f. 2nd gear, 35 t.	1	
11	276-05.142	Gear wheel, f. 3rd gear, 30 t.	1	
12	276-05.146	Gear wheel, f. 4th gear, 27 t.	1	
13	276-05.148	Pull cotter	1	
—	277-05.130	Distance ring 4,3x20,1x25 mm	1	

Table 6 Gearbox – Selector shaft

Jtl.-No.	Order-No.	Description	Piece	Remark
14	265-05.255	Washer 0,2 x22,1x32 mm	var.	
14	265-05.256	Washer 0,1 x22,1x32 mm	var.	
14	265-05.257	Washer 0,3 x22,1x32 mm	var.	
15	276-05.150	Washer 0,05x20,1x26 mm	var.	
15	276-05.151	Washer 0,1 x20,1x26 mm	var.	
15	276-05.152	Washer 0,2 x20,1x26 mm	var.	
15	276-05.153	Washer 0,3 x20,1x26 mm	var.	
16	282-05.112	Chain pinion, 13 teeth	var.	
16	282-05.104	Chain pinion, 14 teeth	1	
—	276-05.198	Retaining washer	1	
17	276-05.119	Hex. nut	1	

Table 7

Kickstarter spindle – Kickstarter lever

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Table 7 Kickstarter spindle – Kickstarter lever

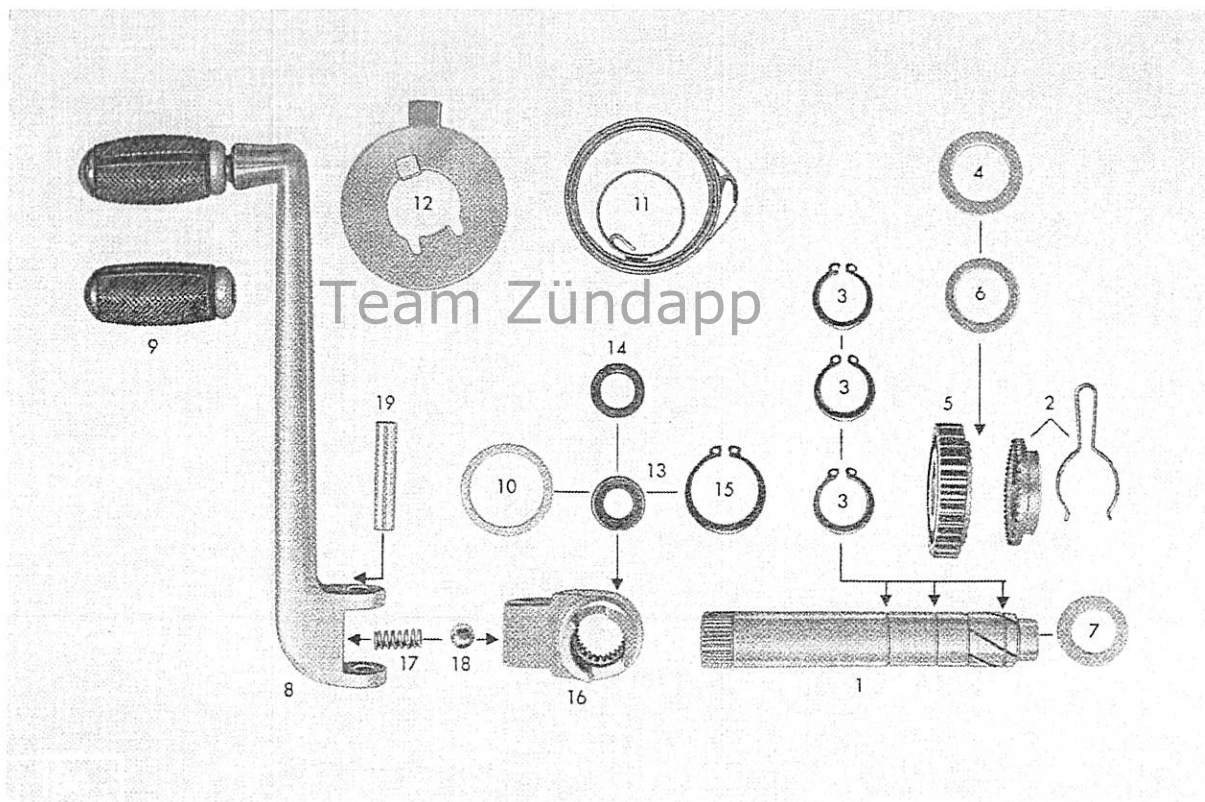


Table 7 Kickstarter spindle – Kickstarter lever

Jll.-No.	Order-No.	Description	Piece	Remark
1	282-05.110	Kickstarter spindle	1	
2	283-05.901	Dog with Brake spring	1	
3	DIN 471 20x1,2	Retaining ring	3	
4	265-05.255	Washer 0,2x22,1x32 mm	var.	
5	281-05.162	Starter gear, 31 teeth	1	
6	267-05.313	Washer 0,5x20x2x28 mm	var.	
6	267-05.312	Washer 1,0x20,2x28 mm	1	
6	267-05.310	Washer 0,1x20,2x28 mm	var.	
6	267-05.315	Washer 0,2x20,2x28 mm	var.	
6	267-05.321	Washer 0,3x20,2x28 mm	var.	
7	265-05.245	Washer 1,0x16,2x28 mm	1	
8	282-05.900	Kickstarter lever	1	
9	616 z 25	Sleeve	1	
10	283-05.156	Washer 0,5x28,3x34 mm	var.	
10	283-05.157	Washer 0,88x28,3x34 mm	var.	
11	267-05.328	Starter spring	1	
12	283-05.609	Cover plate	1	
13	283-05.167	Shaft seal ring	1	
14	284-05.101	Seal ring	1	
15	DIN 471 28x1,5	Retaining ring	1	
16	282-05.107	Sleeve	1	
17	267-05.319	Compression spring	1	
18	DIN 5401 Kl. 3	Ball 8 mm ϕ	1	
19	DIN 7341 A 8x11x40	Rivet pin	1	

Table 8

Gear change shaft – Pedal

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Table 8 Gear change shaft – Pedal

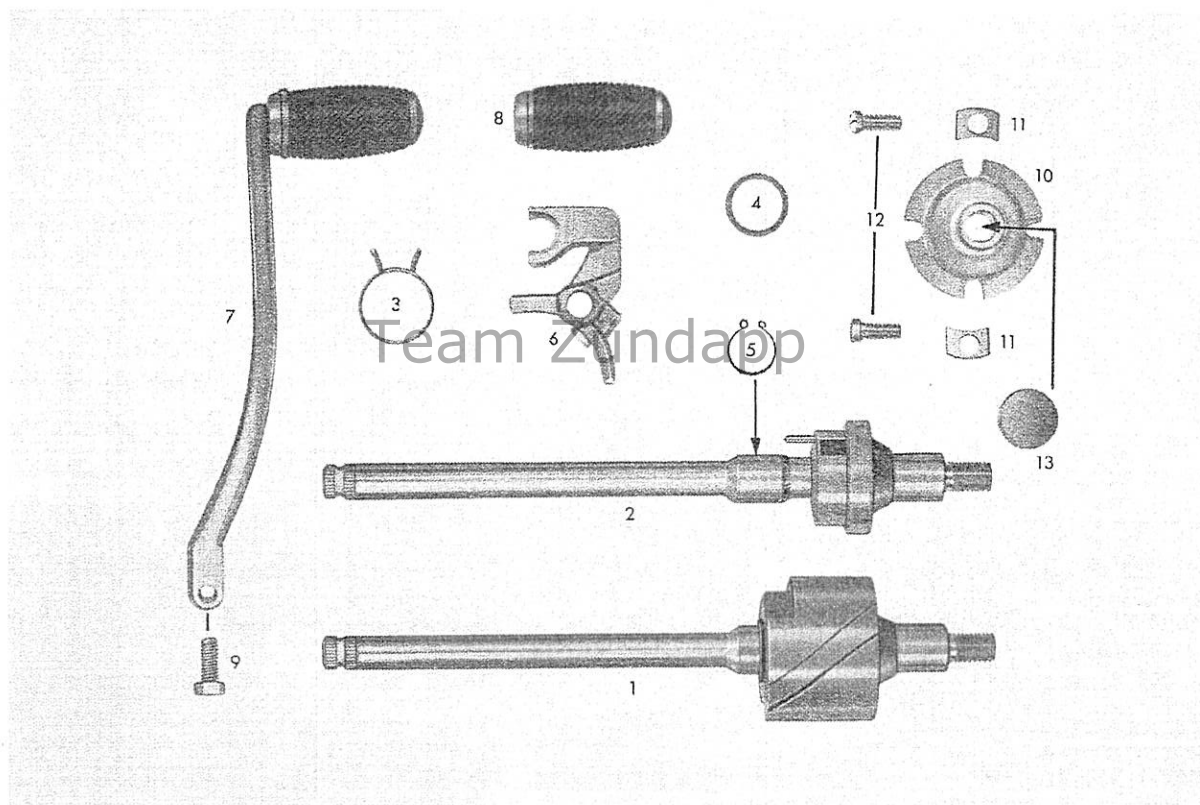


Table 8 **Gear change shaft – Pedal**

Jll.-No.	Order-No.	Description	Piece	Remark
1	282-05.701	Gear change shaft cpl.	1	
2	282-05.602	Gear change shaft, unass.	1	
3	278-05.100	Return spring	1	
4	267-05.244	Washer 0,1 mm	var.	
5	DIN 471 16x1	Retaining ring	1	
6	267-05.633	Selector slide	1	
7	282-05.700	Pedal foot shifting w. sleeve	1	
8	616 z 25	Sleeve	1	
9	DIN 933 M 6x15	Hex. screw	1	
10	267-05.112	Setting bell	1	
11	267-05.113	Shim	2	
12	DIN 920 M 6x15	Oval-head screw	2	
13	267-05.130	Rubber cap	1	

Table 9

Clutch

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Table 9 Clutch

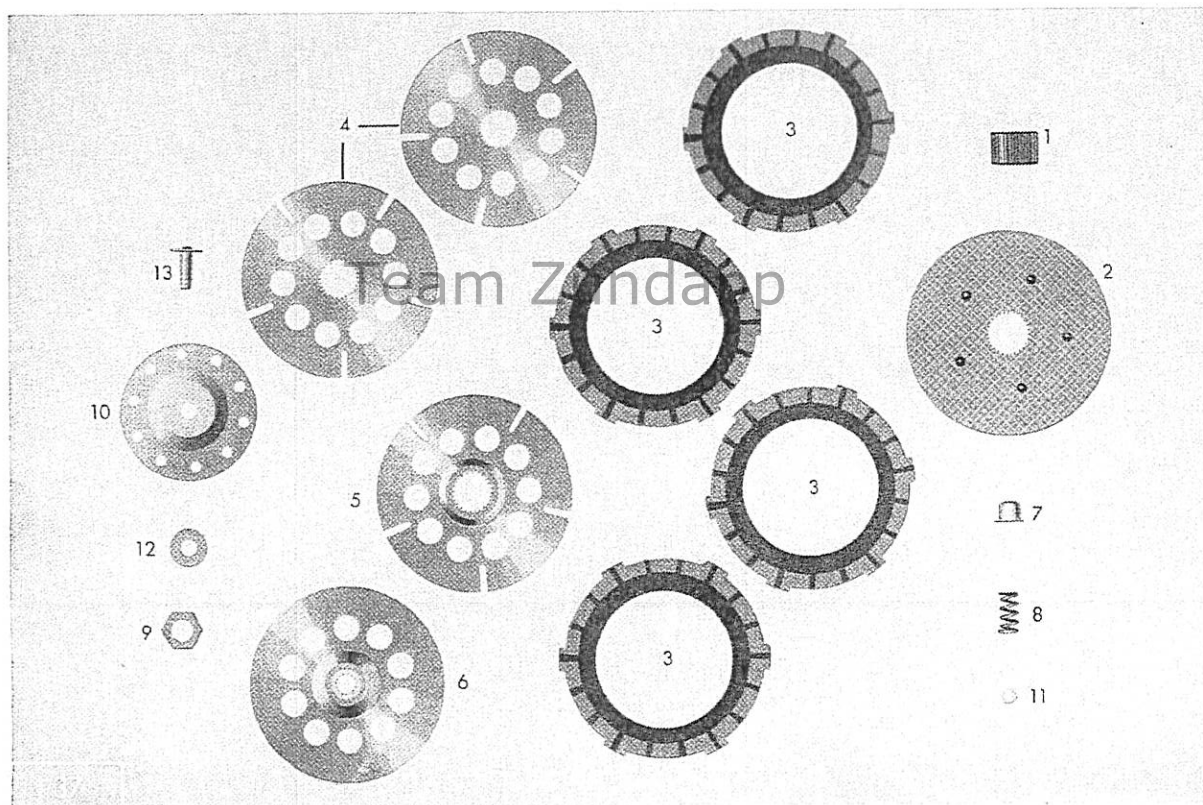


Table 9 Clutch

Jll.-No.	Order-No.	Description	Piece	Remark
1	265-06.201	Pinion for clutch	1	
2	265-06.606	Retaining plate	1	
3	265-06.135	Lamel	4	
4	265-06.130	Clutch plate	2	
5	265-06.131	Clutch plate	1	
6	265-06.127	Cover plate	1	
7	261-06.155	Spring sleeve	10	
8	281-06.101	Clutch spring	10	
9	265-06.202	Hex. nut	1	
10	265-06.216	Thrust plate	1	
11	DIN 934 M 4	Hex. nut	5	
12	265-05.296	Washer 0,8x6,1x11,8 mm	1	
12	265-05.294	Washer 0,2x6,1x11,8 mm	var.	
12	265-05.295	Washer 0,4x6,1x11,8 mm	var.	
13	247-05.233	Thrust pin	1	
		Clutch lever and clutch tongue see table 3, casing cover, right		

Table 10

Electrical equipment

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Table 10 Electrical equipment

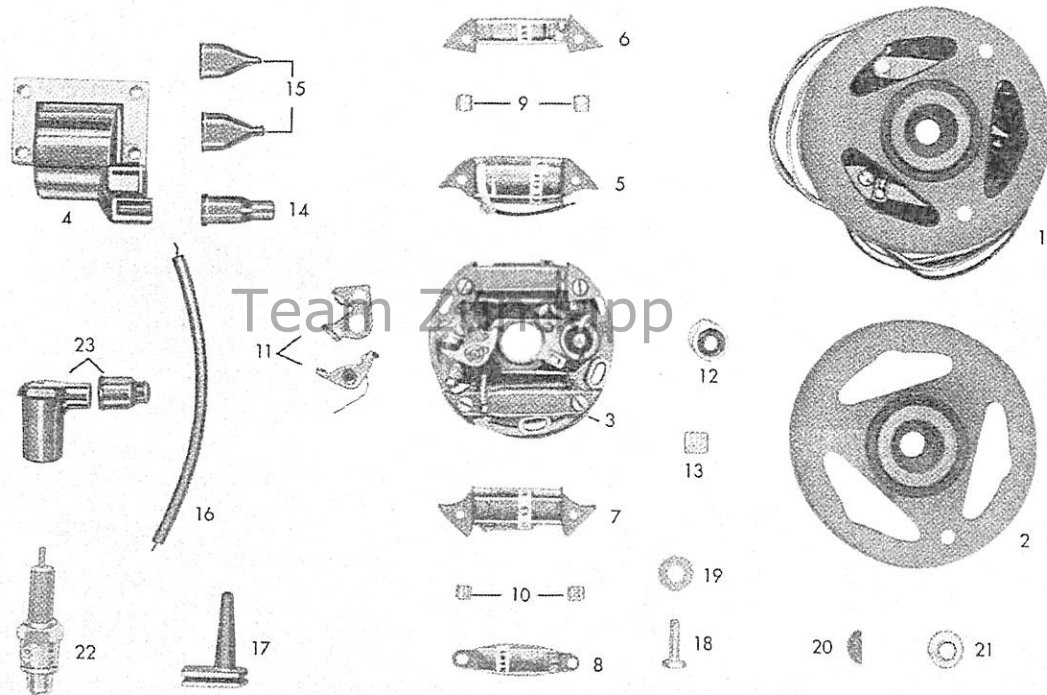


Table 10 Electrical Equipment

Jlt.-No.	Order-No.	Description	Piece	Remark
1	282-07.701	Ignition magneto cpl. 53 W	1	
2	281-07.900	Flywheel	1	
3	282-07.902	Armature plate	1	
4	283-07.702	Ignition coil, secondary	1	
5	282-07.903	Ignition coil, primary	1	
6	282-07.901	Rear lighting coil	1	
7	281-07.903	Generator armature	1	
8	282-07.900	Brake light coil	1	
9	283-07.904	Spacer bush	2	
10	276-07.909	Spacer bush	2	
11	276-07.914	Set of contacts	1	
12	277-07.909	Condenser	1	
13	265-07.919	Lubricating wick	1	
14	282-07.101	Weather protecting cap	1	
15	517-16.108	Weather protecting cap	2	
16	282-07.121	Ignition cable	1	
17	283-07.100	Cable grommet	1	
18	DIN 84 AM 4x15	Cyl. bolt	3	
19	DIN 125 4,3	Washer	3	
20	DIN 6888 3x3,7	Plate spring	1	on crankshaft
21	265-07.105	Nut with collar	1	
22	267-07.900	Spark plug	1	BOSCH W 260 T 1
23	265-07.905	Spark plug connector 7 mm ⌀	1	

Table of Contents

Frame

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Table 16	Operating controls — Bowden cables
Table 17	Fairings
Table 18	Fuel tank — Tool kit
Table 19	Bench seat — Prop — Exhaust

Table 11

Frame – Engine mounting

Foot rests – Chain

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Table 11 Frame – Engine mounting – Foot rests – Chain

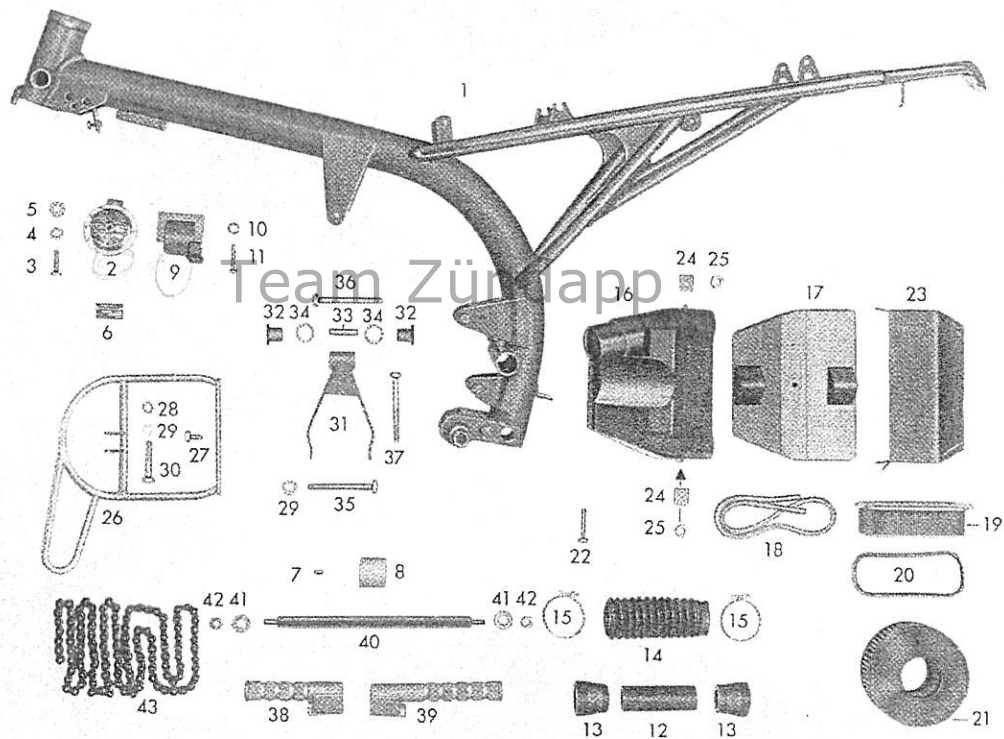


Table 11 Frame – Engine mounting – Foot rests – Chain

from frame No. 6076469
up to frame No. 6076532
from frame No. 6090001

Jll.-No.	Order-No.	Description	Piece	Remark
1	519-10.609	Frame	1	up to frame No. 6076532
1	519-10.635	Frame	1	from frame No. 6090001
2	517-16.705	Buzzer	1	
3	DIN 933 M 6x15	Hexagon bolt	1	
4	DIN 127 B 6	Spring washer	1	
5	400-20.106	Washer	1	
6	435-10.205	Model plate, Quote frame No.!	1	
—	DIN 1476 2,0x5	Round-head notched pin	2	
7	DIN 71412 AM 6	Grease nipple	1	
8	519-10.135	Bush	1	
9	283-07.702	Ignition coil	1	
10	DIN 127 B 5	Spring washer	2	
11	DIN 84 AM 5x22	Cylinder bolt	2	
12	519-10.124	Tube	1	
13	616 z 205	Rubber sleeve	2	
14	510-12.158	Hexagon bolt	1	
15	510-12.903	Hose strap	2	
—	519-10.150	Air filter housing	1	} up to frame No. 6076532
—	519-10.151	Cover for air filter housing	1	
16	519-10.180	Air filter housing	1	
17	519-10.181	Cover for air filter housing	1	} from frame No. 6090001
18	519-10.154	Rubber strap	1	
19	517-10.604	Filter insert	2	} up to frame No. 6076532
20	517-10.142	Packing sleeve	2	
21	519-10.640	Filter cartridge	1	
22	DIN 88 BM 6x45	Oval head countersunk screw	6	from frame No. 6090001
23	519-10.639	Cover for air filter	1	

Table 11 Frame – Engine mounting – Foot rests – Chain

JII.-No.	Order-No.	Description	Piece	Remark
24	519-10.167	Shim	2	
25	517-22.111	Retaining nut	2	
26	519-10.612	Engine protection	1	
27	DIN 933 M 8x15	Hexagon bolt	1	
28	DIN 934 M 8	Hexagon nut	2	
29	DIN 127 B 8	Spring washer	5	
30	DIN 931 M 6x35	Hex. bolt	1	
—	DIN 127 B 6	Spring washer	1	
—	DIN 934 M 6	Hexagon nut	1	
		Engine mounting		
31	519-18.604	Engine mounting, front	1	
32	519-18.105	Bush	2	
33	428-18.108	Spacer tube	1	
34	267-05.311	Washer	2	
35	DIN 931 M 8x60	Hex. bolt	2	
36	DIN 931 M 8x55	Hex. bolt	1	
37	DIN 931 M 8x90	Hex. bolt	1	
		Foot rests		
38	519-14.614	Foot rest, left	1	
39	519-14.615	Foot rest, right	1	
40	519-14.103	Bolt	1	
41	DIN 433 10,5	Washer without facet	2	
42	519-15.119	Nut	3	
		Chain		
43	519-18.603	Rear wheel chain	1	

Table 12

Front fork – Handlebar

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Table 12 Front fork – Handlebar

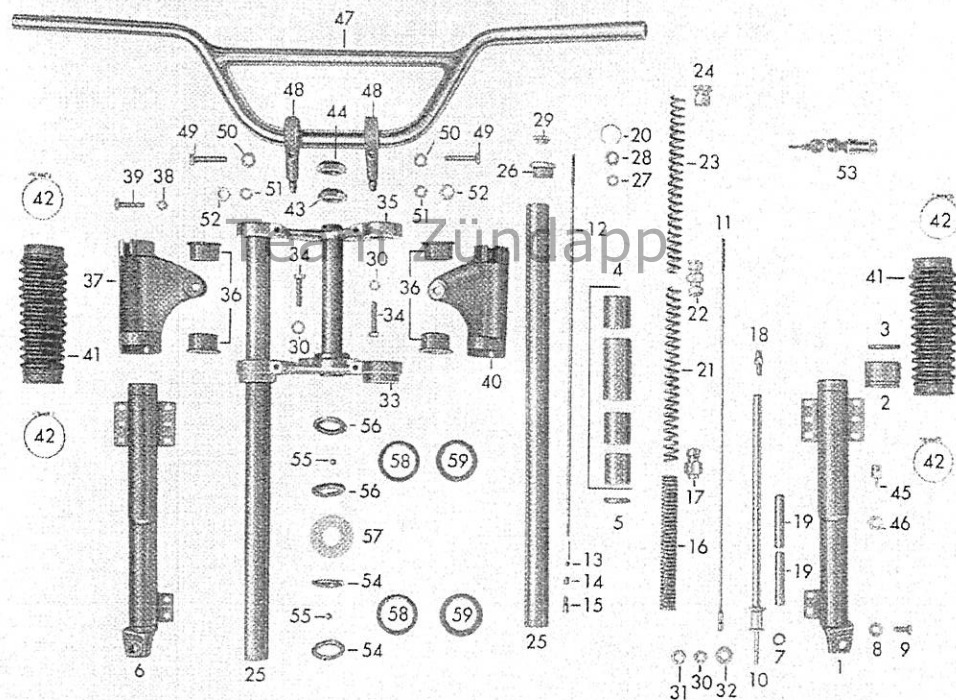


Table 12 Front fork – Handlebar

Jll.-No.	Order-No.	Description	Piece	Remark
—	510-12.720	Front fork, compl., without headlamp holder, left and right	1	
1	510-12.628	Fork guide, right	1	
2	512-12.607	Bush with radial seal	2	
3	512-12.106	Radial seal	2	
4	519-12.900	Sliding bush set existing of: 3 sliding bushes and 1 spacer tube	2	
5	512-12.136	Bush	2	
6	510-12.627	Fork guide, left	1	
7	510-12.901	Rubber ring 7x2 mm	2	
8	DIN 7603 A 6x10	Seal ring	2	
9	DIN 933 M 6x8	Hex. bolt	2	
10	510-12.613	Damper tube	2	
11	510-12.714	Threaded rod, mounted	2	
12	512-12.230	Threaded rod, unmounted	2	
13	512-12.231	Nut	2	
14	512-12.232	Sleeve	2	
15	510-12.174	Threaded piece	2	
16	512-12.150	Pressure spring, bottom (marqued with)	2	
17	512-12.235	Spring mounting, bottom	2	
18	512-12.234	Guide piece	2	
19	510-12.167	Intermediate tube	2	
20	519-12.123	Spring ring	2	
21	519-12.116	Pressure spring, middle (marqued green)	2	

Table 12 Front fork – Handlebar

JII.-No.	Order-No.	Description	Piece	Remark
22	510-12.171	Spring mounting, middle	2	
23	510-12.172	Pressure spring, top (marqued yellow)	2	
24	512-12.236	Spring mounting, top	2	
25	510-12.169	Fork tube	2	
26	510-12.178	Plug screw	2	
27	DIN 127 B 5	Spring washer	2	
28	DIN 934 M 5	Hex. nut	2	
29	510-12.179	Plug screw	2	
30	DIN 127 B 7	Spring washer	6	
31	DIN 934 M 7	Hex. nut	2	
32	DIN 125 7,4	Washer without facet	2	
33	519-12.600	Fork connector, bottom	1	
34	DIN 933 M 7x35	Hex. bolt	4	
35	510-12.165	Fork connector, top	1	
36	512-12.218	Bush	4	
37	630 z 476	Headlamp holder, left	1	
38	DIN 127 B 6	Spring washer	2	
39	DIN 933 M 6x20	Hex. bolt	2	
40	630 z 477	Headlamp holder, right	1	
41	512-12.160	Bellow	2	
42	518-12.103	Hose strap	4	
43	1001 z 133	Nut	1	
44	510-12.170	Plug nut	1	
45	519-12.114	Counter-holder f. front brake	1	
46	517-22.111	Retaining nut	1	

Table 13

Rear fork – Chain guard –
Spring unit

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Table 13 Rear fork – Chain guard – Spring unit

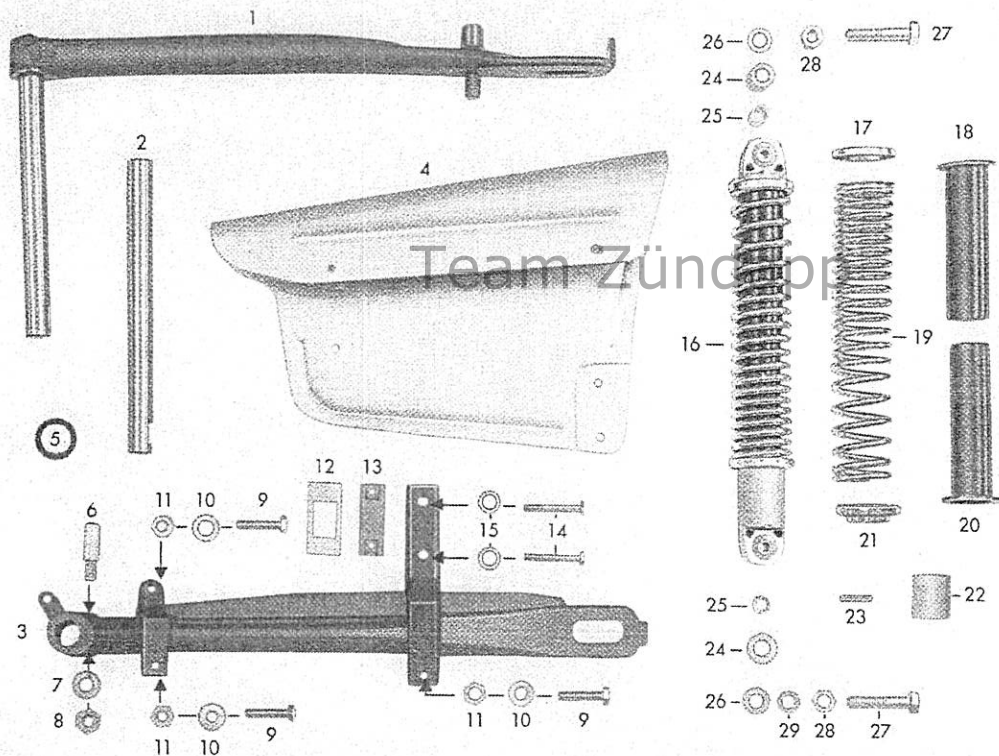


Table 13 Rear fork – Chain guard – Spring unit

Jll.-No.	Order-No.	Description	Piece	Remark
1	519-14.624	Swinging arm right with shaft	1	
2	519-14.109	Shaft f. swinging arm	1	
3	519-14.623	Swinging arm, left	1	
4	519-14.121	Chain guard	1	
5	1236 z 320	Rubber ring	2	
6	121 z 1085	Clamping bolt	1	
7	DIN 127 A 12	Spring washer	1	
8	DIN 936 M 12x1,5	Hex. nut	1	
9	DIN 933 M 6x15	Hex. bolt	3	
10	DIN 137 B 6	Spring washer	3	
11	DIN 934 M 6	Hex. nut	3	
12	510-18.218	Plastic guide	1	
13	510-18.606	Plate	1	
14	DIN 931 M 6x45	Hex. bolt	2	
15	DIN 127 B 6	Spring washer	2	
		Spring unit		
16	519-14.703	Spring unit, hydr. damped	2	
17	516-14.101	Plate, top	2	
18	516-14.106	Cover sleeve	2	
19	519-14.147	Compression spring	2	
20	516-14.104	Sleeve	2	
21	516-14.102	Plate, bottom	2	

Table 13 Rear fork – Chain guard – Spring unit

Jll.-No.	Order-No.	Description	Piece	Remark
22	519-14.123	Rubber stop	2	
23	DIN 1481 4x22	Clamping pin	2	
24	518-14.107	Bush	4	
25	518-14.110	Bush	4	
26	518-14.108	Washer	8	
27	DIN 931 M 10x50	Hex. bolt	4	
28	DIN 934 M 10	Hex. nut	4	
29	DIN 127 B 10	Spring washer	2	

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Table 14

Wheels cpl.

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Table 14 Wheels cpl.

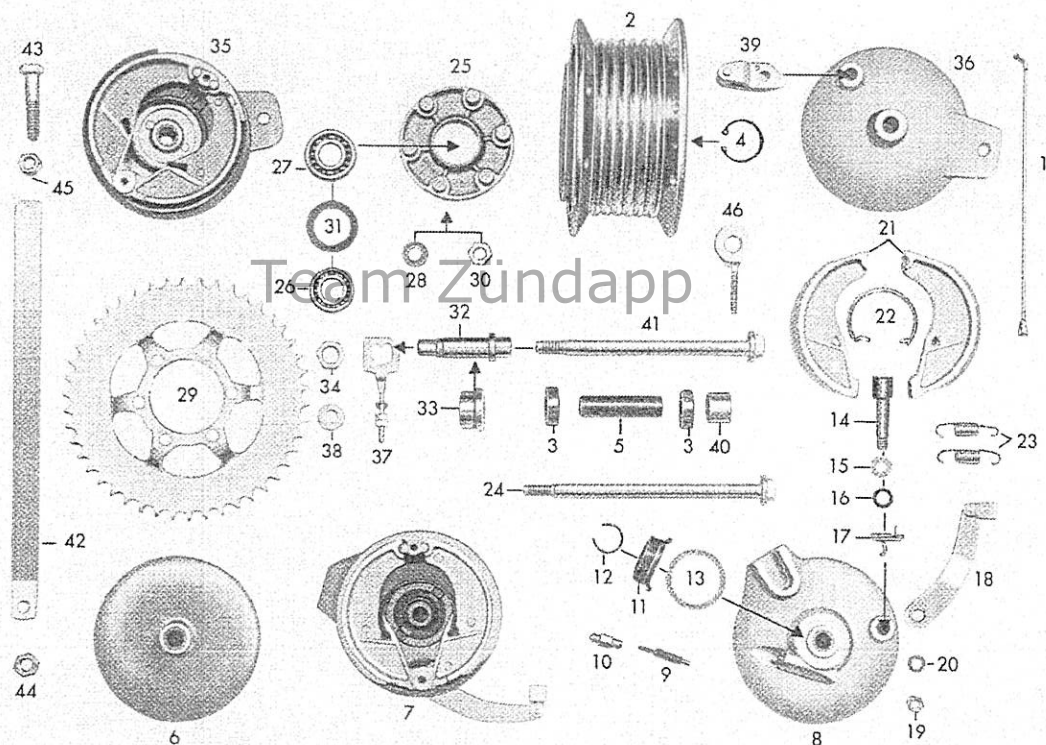


Table 14 Wheels cpl.

Jll.-No.	Order-No.	Description	Piece	Remark
		Spare parts which are used for front and rear wheel are marked with a cross (*) behind the order-number.		
		Front wheel		
—	510-15.738	Front wheel cpl., without tyre	1	
—	510-15.156	Steel rim, 1,50 Ax21"	1	
—	519-15.100	Tyre, cross-country type "C" 2,50x21"	1	
—	519-15.111	Rim bandage, suitable for 21" rim	1	
—	519-15.112	Tube, 2,50x21"	1	
1	510-15.195	Single-buttet spoke with nipple	36	
2	433-15.605*	Hub body	2	
3	DIN 625 z 6201*	Ball bearing, 12x32x10 mm	4	
4	DIN 472 32x1,2*	Circlip	2	
5	433-15.102*	Spacer tube	2	
6	433-15.624	Hub cover	1	
7	510-15.745	Brake plate, cpl. with brake shoes	1	
8	510-15.603	Brake plate, unmounted	1	
9	515-15.106	Speedometer pinion, 12 teeth	1	
10	515-15.100	Threaded socket	1	
11	515-15.605	Speedometer gear, 21teeth with dog	1	
12	DIN 9045 22	Circlip	1	
13	510-15.164	Felt ring	1	
14	561-15.620*	Brake spindle	2	

Table 14 Wheels cpl.

Jll.-No.	Order-No.	Description	Piece	Remark
15	267-05.597*	Washer	2	
16	405-15.388*	Seal ring	2	
17	510-15.404	Torsion spring	1	up to frame No. 6076532
18	510-15.629	Brake lever	1	
—	DIN 660 3x10	Oval rivet	1	
19	DIN 936 M 8x1*	Hex. nut	2	
20	DIN 127 B 8*	Spring washer	8	
21	429-15.603*	Brake shoe	2 pair	
22	405-15.425*	Return spring	2	up to frame No. 6076532
23	517-15.127*	Tension spring	4	from frame No. 6090001
24	512-15.104	Knock-out spindle	1	
		Rear wheel		
—	519-15.123	Steel rim 1,85 Bx18"	1	
—	519-15.126	Tyre 3,50-18"	1	
—	519-15.109	Rim bandage 18"/19"-27	1	
—	519-15.127	Tube 3,50-18	1	
—	510-15.196	Single-buttet spoke with nipple	36	
25	510-15.609	Hub flange	1	
26	DIN 625 z 6003	Ball bearing 17x35x10 mm	1	
27	DIN 625 z 6203	Ball bearing 17x40x12 mm	1	
28	510-15.212	Bush	6	
29	519-15.122	Chain sprocket, 46 teeth	1	
30	DIN 934 M 6	Hex. nut	10	
31	518-15.108	Seal ring, 30x40x4 mm	1	

Table 14 Wheels cpl.

Jll.-No.	Order-No.	Description	Piece	Remark
32	519-15.116	Retaining bush	1	
33	519-15.117	Spacer ring	1	
34	433-15.131	Nut	1	
35	519-15.709	Brake plate, cpl. with brake shoes	1	
36	510-15.650	Brake plate, unmounted	1	
37	433-15.632	Chain tensioner	1	
38	DIN 433 6,4	Washer	2	
39	517-15.601	Brake lever	1	
40	433-15.136	Spacer bush	1	
41	519-15.128	Knock-out spindle	1	
42	519-15.118	Strip	1	
43	519-15.125	Hex. bolt	1	
44	DIN 934 M 10	Hex. nut	1	
45	519-15.119	Security nut	1	
46	510-15.165	Chain tensioner	1	

Table 15

Lighting system – Speedometer

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Table 15 Lighting system – Speedometer

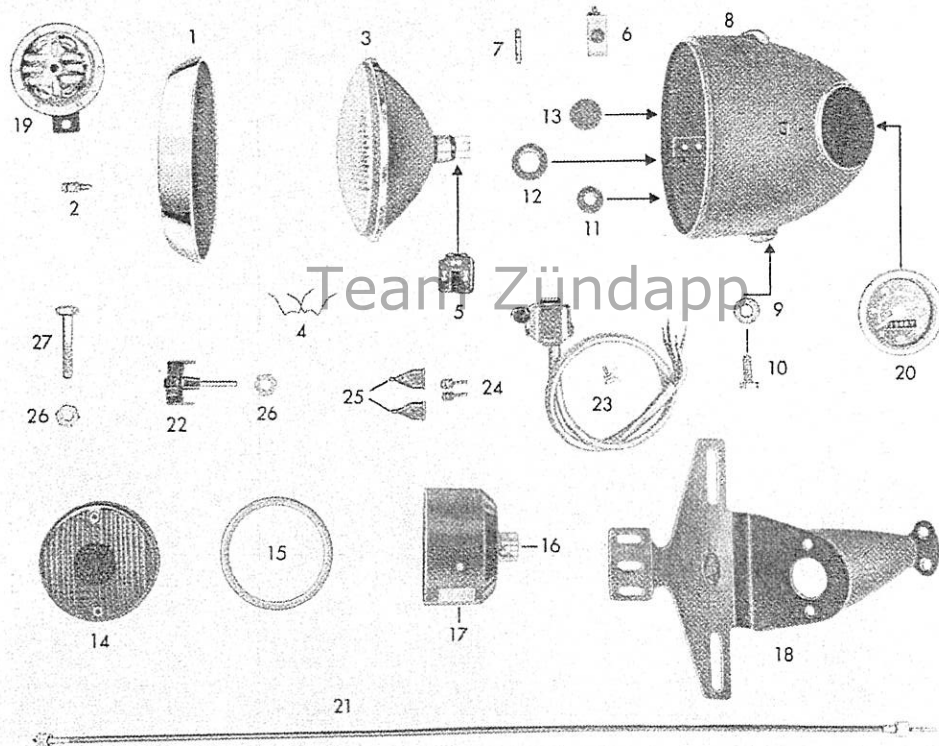


Table 15 Lighting system – Speedometer

Jll.-No.	Order-No.	Description	Piece	Remark
		Headlight		
—	519-16.708	Headlight compl.	1	
1	519-16.900	Lens retaining ring	1	
2	519-16.901	Plug screw	1	
3	519-16.902	Headlight, front part	1	
4	519-16.903	Spring	9	
5	519-16.904	Plug, 3-pole	1	
6	519-16.905	Control lamp, red	1	
7	519-16.906	Bulb, long	1	for control lamp
8	519-16.907	Headlight casing	1	
9	519-16.908	Washer	2	
10	519-16.909	Adj. screw	2	
11	519-16.910	Rubber sleeve	1	
12	519-16.911	Rubber sleeve	1	
13	519-16.912	Sleeve	1	
		Rear light		
—	518-16.707	Rear light, compl.	1	with number plate bracket
14	518-16.907	Light outlet	1	
15	518-16.908	Rubber seal	1	
16	518-16.906	Rear light casing	1	
17	518-16.909	Licence window	1	
18	518-16.910	Number plate support	1	

Table 15 Lighting system – Speedometer

Jll.-No.	Order-No.	Description	Piece	Remark
19	517-16.705	Buzzer	1	mph 0-80
20	519-16.713	Speedometer 60 mm ϕ	1	
21	519-16.707	Speedometer cable	1	
22	517-16.113	Stop light switch	1	
23	519-16.710	Light switch	1	
24	DIN 46247 6,3x1	Plugbush, two-part	1	
25	517-16.108	Wheather protecting cap	4	
26	DIN 934 M 6	Hex. nut	4	
27	DIN 933 M 6x35	Hex. bolt	1	

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Table 16

Operating controls – Bowden cables

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Table 16 Operating controls – Bowden cables

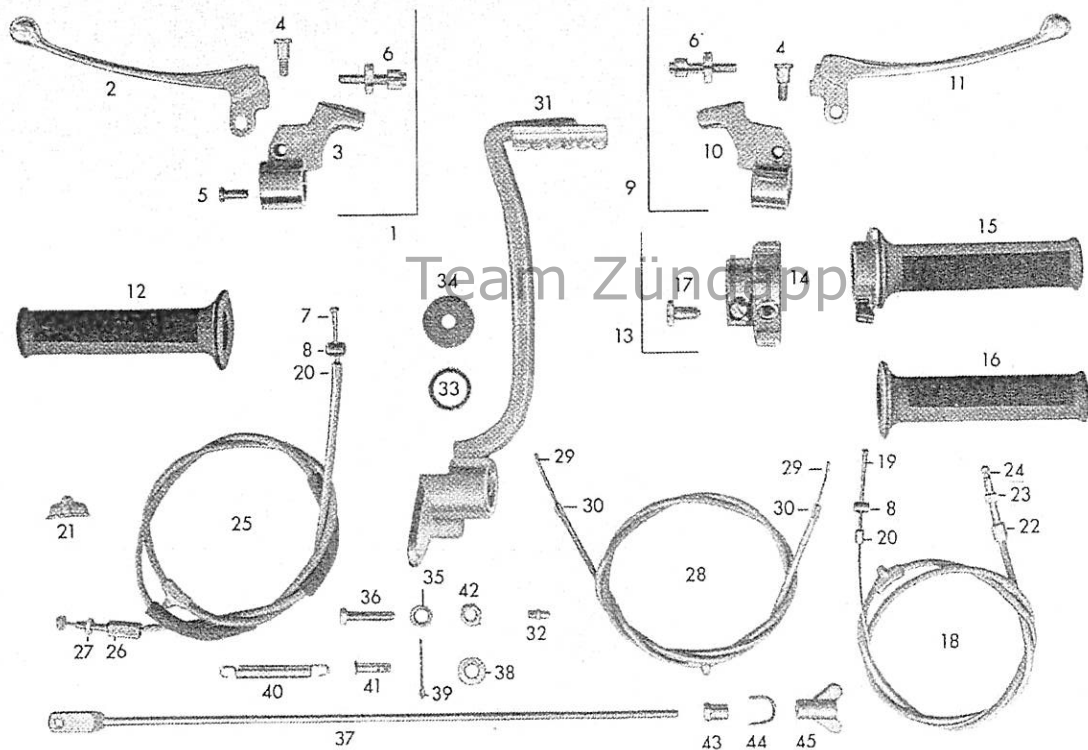


Table 16 Operating controls – Bowden cables

Jll.-No.	Order-No.	Description	Piece	Remark
1	516-17.704	Clutch lever, cpl.	1	
2	516-17.908	Hand lever	1	
3	425-17.910	Joint	1	
4	425-17.902	Lever screw	2	
5	425-17.901	Oval-head screw	2	
6	425-17.718	Adjuster screw	2	
7	516-17.108	Soldered nipple support, A 88	2	
8	516-17.109	Soldered nipple, B 88	1	
9	516-17.703	Brake lever, cpl.	1	
10	516-17.906	Joint	1	
11	516-17.907	Hand lever	1	
12	516-17.705	Fixed grip	1	
13	519-17.702	Throttle twist grip, cpl.	1	
14	519-17.900	Housing, cpl.	1	
15	519-17.901	Grip tube	1	
16	2256 k 6	Grip cover	1	
17	519-17.902	Cover for housing	1	
18	519-17.611	Brake cable	1	
19	DIN 71988 B 2,3	Nipple	1	
20	DIN 71987 C 3	Sleeve	3	
21	428-17.635	Plastic oiler	3	
22	400-17.141	Adjuster screw	1	
23	400-17.142	Hex. nut	1	
24	405-17.211	Nipple	1	
25	514-17.609	Clutch cable	1	

Table 16 Operating controls – Bowden cables

Jll.-No.	Order-No.	Description	Piece	Remark
26	515-17.715	Adjuster screw for cable	1	
27	DIN 439 BM 6	Hex. nut	1	
28	519-17.607	Rubber seal	1	
29	DIN 71988 „C“	Nipple	2	
30	DIN 71987 C 2,5	Sleeve	2	
31	519-17.609	Foot brake lever	1	
32	DIN 71412 BM 6	Grease nipple	1	
33	434-14.134	O-ring	1	
34	510-10.315	Washer	1	
35	DIN 127 B 8	Spring washer	1	
36	DIN 933 M 8x20	Hex. bolt	1	
37	519-17.604	Brake rod	1	
38	DIN 125 6,4	Washer without facet	1	
39	DIN 94 2x12	Pin	1	
40	517-17.103	Tension spring	1	
41	519-17.106	Bolt	1	
42	DIN 934 M 6	Hex. nut	1	
43	512-17.100	Nut	1	
44	433-17.100	Locking plate	1	
45	428-17.103	Wingnut	1	

Table 17

Fairings

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Table 17 Fairings

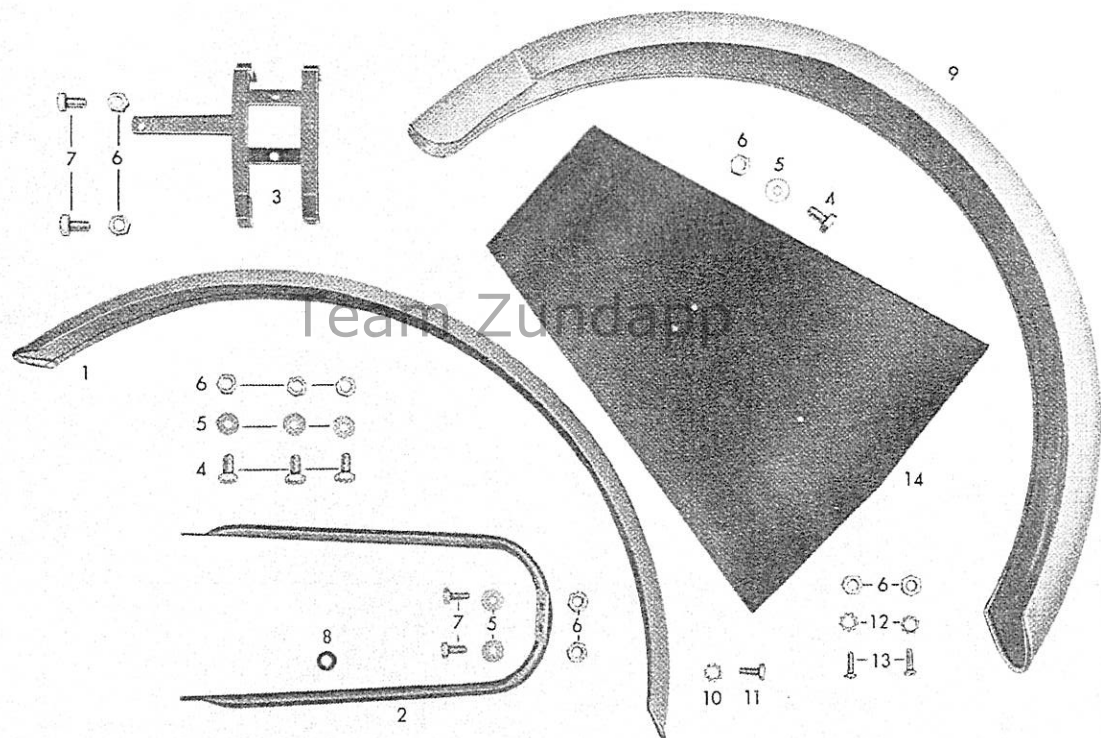


Table 17 Fairings

Jll.-No.	Order-No.	Description	Piece	Remark
1	510-19.177	Front-wheel fairing	1	
2	510-19.635	Mudguard holder	1	
3	519-19.602	Mudguard support	1	
4	DIN 933 M 6x12	Hex. bolt	9	
5	1301 z 1019	Washer	9	
6	517-22.111	Security nut	23	
7	DIN 933 M 6x15	Hex. bolt	10	
8	1236 z 06	Seal ring	1	
9	519-19.107	Rear wheel fairing	1	
10	DIN 6797 J 8,2	Serrated washer	1	
11	DIN 933 M 8x15	Hex. bolt	1	
12	DIN 6797 J 6,4	Serrated washer	4	
13	DIN 85 M 6x12	Oval-head screw	2	
14	510-21.141	Cover f. rear wheel fairing	1	

Table 18

Fuel tank – Tool kit

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Table 18 Fuel tank – Tool kit

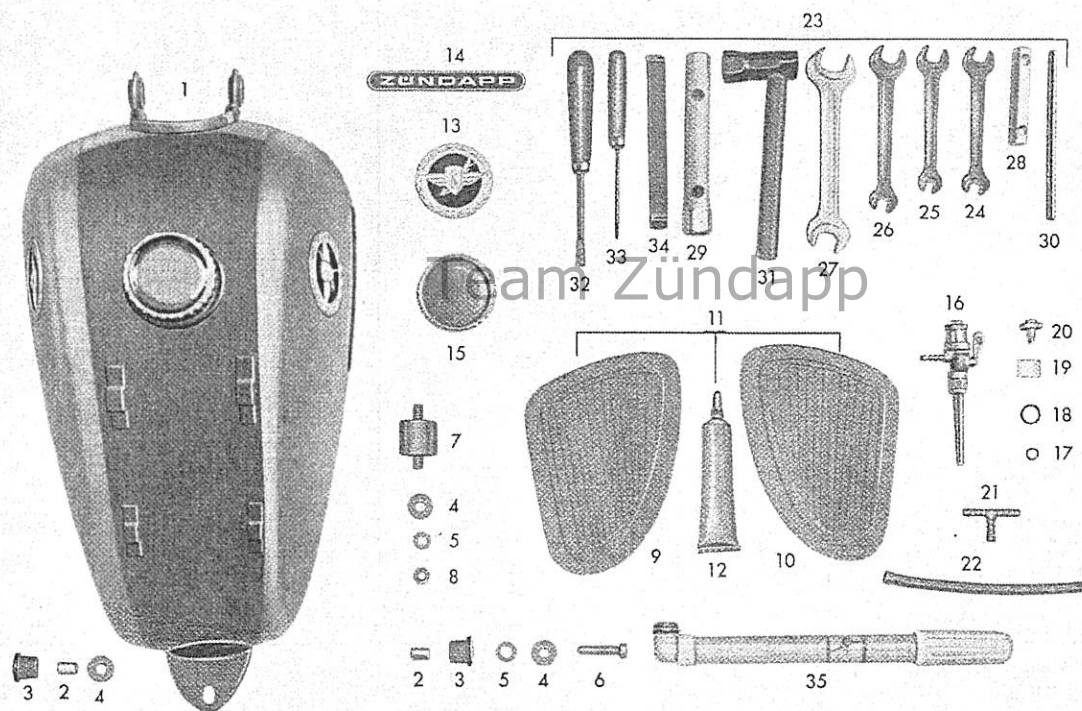


Table 18 Fuel tank – Tool kit

Jll.-No.	Order-No.	Description	Piece	Remark
1	519-20.601	Fuel tank	1	
2	519-20.103	Spacer tube	2	
3	247-01.139	Bush	2	
4	422-14.183	Washer	3	
5	DIN 127 B 8	Spring washer	3	
6	DIN 933 M 8x35	Hex. bolt	2	
7	519-20.102	Rubber buffer	1	
8	DIN 934 M 8	Hex. nut	1	
9	515-20.103	Knee pad, left	1	
10	515-20.104	Knee pad, right	1	
11	515-20.903	Knee pad, left and right with special adhesive	1 set	
12	510-20.220	Special adhesive (1 tube)	1	
13	515-20.107	Plaque	2	
14	510-20.130	Plaque	2	
15	432-20.610	Tank cap	1	
16	428-20.712	Fuel tap	2	
17	428-20.901	Tank connecting gasket	2	
18	428-20.902	Rubber seal	4	
19	428-20.903	Glass	2	
20	428-20.904	Cup sheath screw	2	
21	510-20.131	Distributor piece	1	
22	DIN 73379 A 5x9	Fuel hose	in meters	

Table 18 Fuel tank – Tool kit

Jll.-No.	Order-No.	Description	Piece	Remark
23	519-20.700	Tool kit	1	
24	DIN 895 8x13	Double-ended spanner	1	
25	DIN 895 9x11	Double-ended spanner	1	
26	DIN 895 10x14	Double-ended spanner	1	
27	DIN 895 17x19	Double-ended spanner	1	
28	M 2021 z 23	Box spanner 10x11	1	
29	DIN 896 13x17	Box spanner	1	
30	M 1671 z 64	Mandrel	1	
31	561-20.610	Box spanner	1	
32	428-20.113	Screw driver, 175 mm lg.	1	
33	428-20.114	Screw driver, 156 mm lg.	1	
34	428-20.109	Tyre lever	2	
-----	428-20.621	Universal pince	1	
35	405-20.628	Tyre pump	1	
-----	519-20.710	Tool bag	1	

Table 19

Bench seat – Prop – Exhaust

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Table 19 Bench seat – Prop – Exhaust

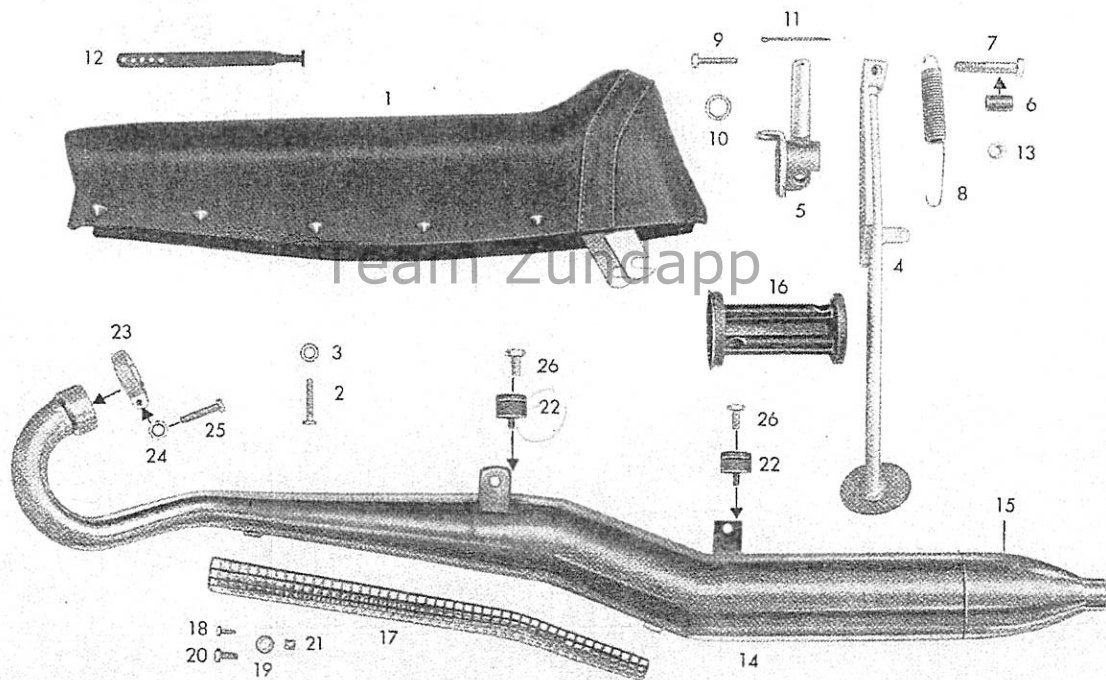


Table 19 Bench seat – Prop – Exhaust

Jll.-No.	Order-No.	Description	Piece	Remark
1	519-21.700	Bench seat	1	
2	DIN 933 M 8x18	Hex. bolt	2	
3	DIN 127 B 8	Spring washer	7	
4	519-21.600	Prop	1	
5	519-21.601	Bearing support	1	
6	519-21.118	Bush	1	
7	DIN 931 M 10x50	Hex. bolt	1	
—	DIN 934 M 10	Hex. nut	2	
8	321 z 588	Draw spring	1	
9	DIN 933 M 8x20	Hex. bolt	1	
10	517-21.113	Washer	1	
11	DIN 94 3x30	Pin	1	
12	1396 z 216	Tightening strap	2	
13	519-15.119	Security nut	1	
		Exhaust		
14	519-22.703	Exhaust cpl.	1	
15	514-22.605	Exhaust cap	1	
16	514-22.900	Silencer insert	1	
17	519-22.602	Heat protecting sheet	1	
18	DIN 85 AM 5x8	Oval-head screw	2	
19	DIN 6797 A 5,3	Toothed washer	3	
20	DIN 85 AM 5x10	Oval-head screw	1	
21	DIN 557 M 5	Square nut	3	
22	351-10.115	Metal buffer	2	
23	514-22.105	Clamping ring	1	
24	DIN 6797 A 6,4	Toothed washer	1	
25	DIN 933 M 6x30	Hex. bolt	1	
26	DIN 933 M 8x12	Hex. bolt	2	

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