BOUTS & SONS
7106 Spicerville Hwy.
TON RAPIDS, MICHIGAN

ZÜNDAPP
SERVICE

SPARE PARTS LIST

ZÜNDAPP-MOTORCYCLE

200 S

from Frame No. 892101

Published in January 1957

INTRODUCTION

Please take note that only **Genuine Zündapp Spares** will be the safeguard for security, claims under guarantee, and will prevent many a damage and loss.

Therefore, do not use parts of another origin but demand only **Genuine Zündapp Spares** from your Zündapp dealer, for by fitting imitated parts any claim under guarantee will automatically become void.

In order to avoid errors, queries, and incorrect deliveries, please quote with all orders for spare parts:

1. **Description and number of the spare part wanted**
   in accordance with this list,

2. **Frame number**
   stamped into the rating plate,

3. **Modifications made on the vehicle**
   by exchanging spare parts or groups.

If these data cannot be given it will be necessary to send in a pattern labelled with the sender's name and address. These patterns will be returned to the sender only upon request.

Model Order

Re: Frame No. 892 326

1 crankshaft with connecting rod	No. 1950 k 203
1 cylinder	No. 2162 z 209
1 piston	No. 883 z 159
3 piston rings	No. 1262 z 102.

Deliveries of spare parts are only made through our respective representatives.

All illustrations and data in this list are not binding. We reserve the right for alterations without previous notice.

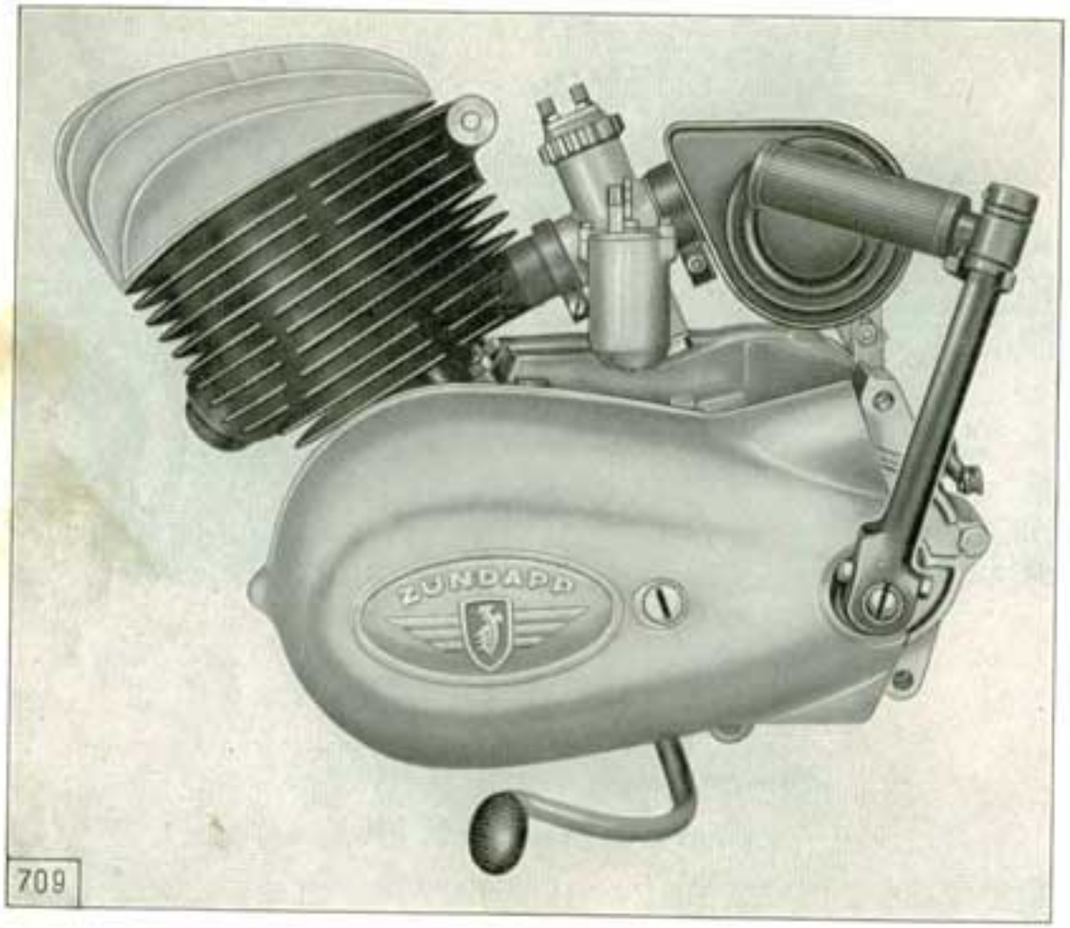
ZÜNDAPP-WERKE G.M.B.H. NÜRNBERG-MÜNCHEN
NÜRNBERG WORKS

200 S, right-hand view

from Frame No. 892 101

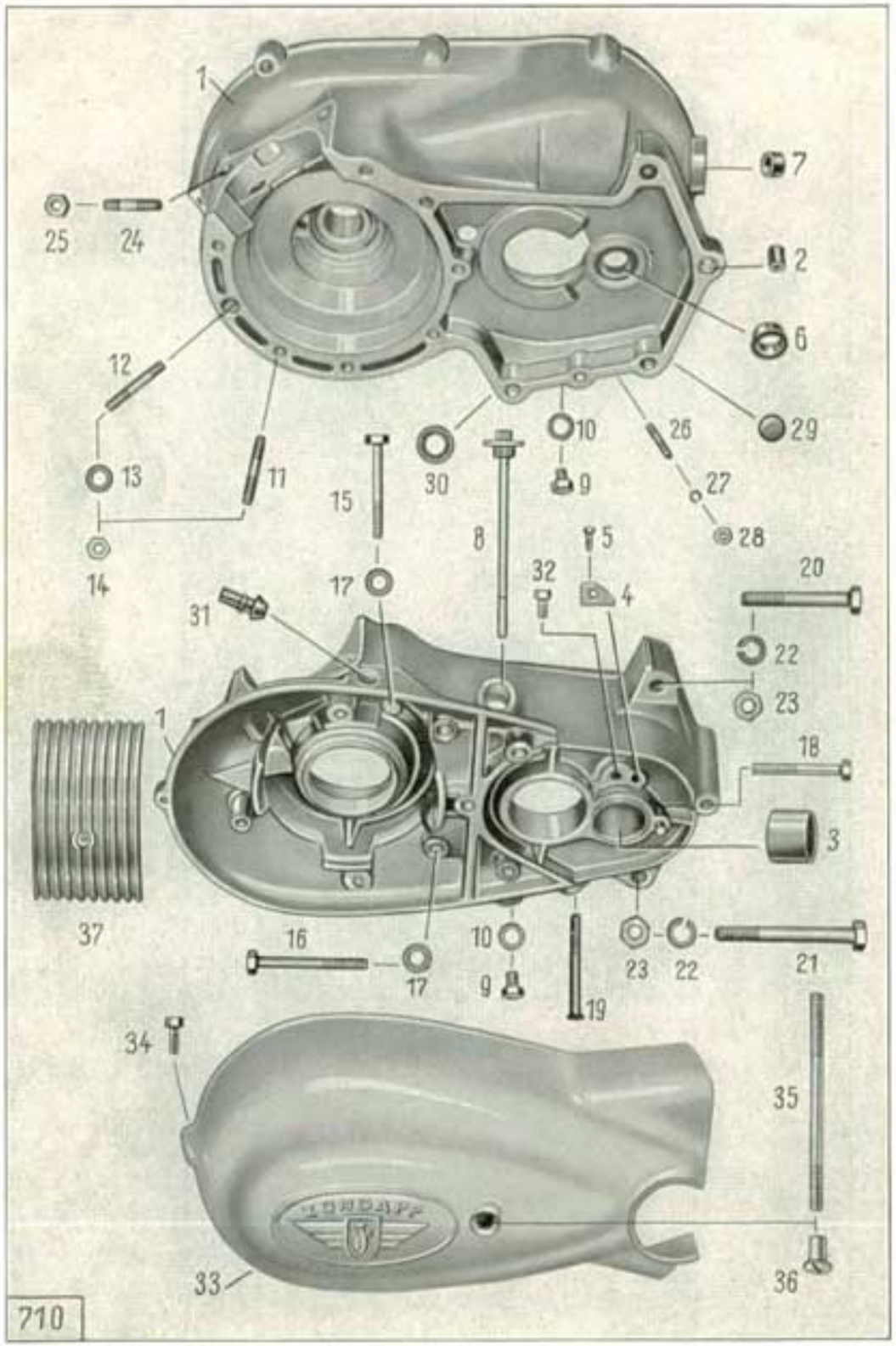
200 S, left-hand view

from Frame No. 892 101



709

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Engine		
—	6590 k 262-0	Engine complete with generator, carburettor, and starter	1	



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Crankcase		
1	510 k 231-0	crankcase complete	1	
2	181 z 18	dowel bushing (between left and right half of crankcase)	2	
3	184 z 501	bearing bushing (for starter shaft, left-hand)	1	
4	1141 z 2151	stop (to engaging pin)	1	
5	1041 z 101	rivet	1	
6	184 z 318	bearing bushing (for starter shaft, right-hand)	1	
7	184 z 328	bearing bushing (for clutch pressure bar)	1	
8	1550 z 112	oil dip stick (for gearbox)	1	
9	—	hex screw M 8 × 10 DIN 933 k (for oil draining)	2	
10	—	packing washer C 8 × 14 DIN 7603	2	
11	—	stud M 8 × 30 DIN 835 k (to fasten left to right half of crankcase)	2	
—	—	hex screw M 8 × 32 DIN 931 k (to fasten left to right half of crankcase)	1	
12	—	stud M 8 × 35 DIN 939 k (to fasten left to right half of crankcase)	1	
13	—	spring washer B 8 DIN 137 k	4	
14	—	hex nut M 8 DIN 934 k	4	
15	—	hex screw M 8 × 60 DIN 931 k (to fasten left to right half of crankcase)	1	
16	—	hex screw M 8 × 75 DIN 931 k (to fasten left tp right half of crankcase)	2	
17	1303 z 02	shim	3	
18	—	cylindrical screw CM 8 × 75 DIN 84 k (to fasten left to right half of crankcase)	1	
19	—	screw, countersunk raised head M 8 × 65 DIN 91a (to fasten left to right half of crankcase)	1	
20	—	hex screw M 10 × 70 DIN 931 k (to fasten engine to frame)	1	

Illustration 2, Group M: b) Housing and Cylinder, Crankcase

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
21	—	hex screw M 10 × 90 DIN 931 k (to fasten engine to frame)	2	
22	—	spring washer A 10 DIN 127 k	4	
23	—	hex nut M 10 DIN 934 k	3	
24	1561 z 010	stud (to fasten cylinder)	4	
25	—	hex nut M 8 DIN 934 k	4	
26	1561 z 107	stud (to fasten gear selector support)	4	
27	—	spring washer A 5 DIN 127 k	4	
28	—	hex nut M 5 DIN 934	4	
29	—	lock washer 16 DIN 470 (to right half of crankcase)	1	
30	—	radial gasket (oil seal) B 14 × 24 × 7 DIN 6503 (to footshift shaft)	1	
—	—	stud M 6 × 30 DIN 835 k (to fasten bracket for silencer)	2	from frame No. 895 800
—	—	shake-proof (toothed) washer J 6,4 DIN 6797 k	2	from frame No. 895 800
—	—	hex nut M 6 DIN 934 k	2	from frame No. 895 800
31	1806 z 105	rubber grommet (to generator cable) in left half of crankcase	1	
32	—	hex screw M 8 × 1 × 20 DIN 960 k (stop screw for starter)	1	
—	—	spring washer B 8 DIN 137 k	1	
—	—	hex nut M 8 × 1 DIN 936 k	1	
33	263 z 209	cover (to generator)	1	
34	—	hex screw M 6 × 22 DIN 931 k (to fasten cover to crankcase) ..	1	
35	—	stud M 8 × 140 DIN 835 k (to fasten cover to crankcase) ..	1	
36	1541 z 310	screw, countersunk raised head (with internal thread)	1	
37	653 z 127	facing for crankcase	1	
—	—	screw, fillister head, AM 6 × 20 DIN 85 k	1	
—	—	spring washer A 6 DIN 137 k	1	

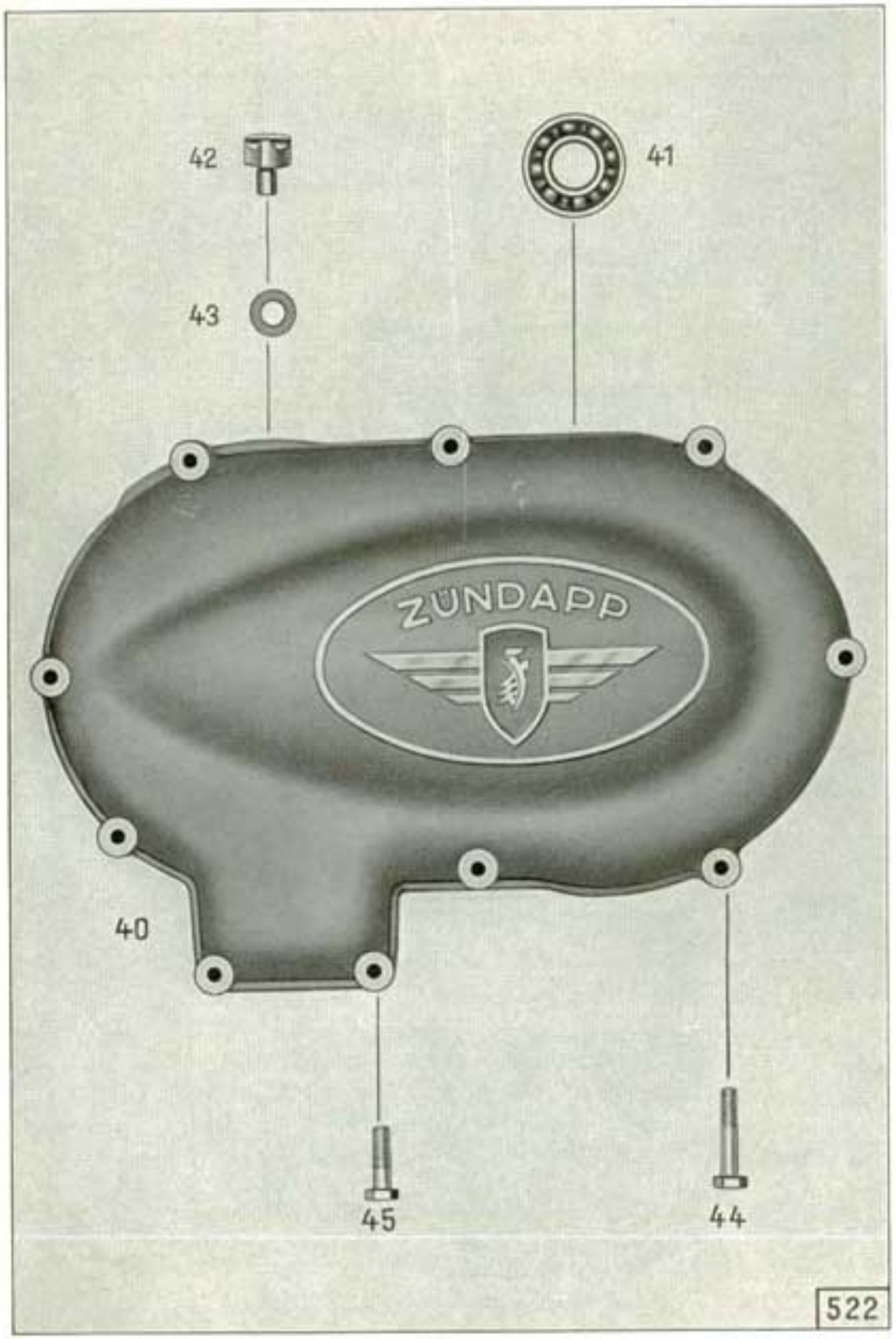


Illustration 3, Group M: b) Housing and Cylinder, Crankcase Cover

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Crankcase Cover		
40	263 z 39	crankcase cover	1	
41	—	ball bearing 6203 DIN 625	1	
42	1121 z 32	supporting bolt	1	
43	1301 z 52	compensating shim } for supporting	as required	
—	1301 z 616	compensating shim } bolt		
44	—	hex screw M 6 × 35 DIN 931 k (to fasten crankcase cover to crankcase)	8	
45	—	hex screw M 6 × 25 DIN 931 k (to fasten crankcase cover to crankcase)	2	up to F. No. 895 799

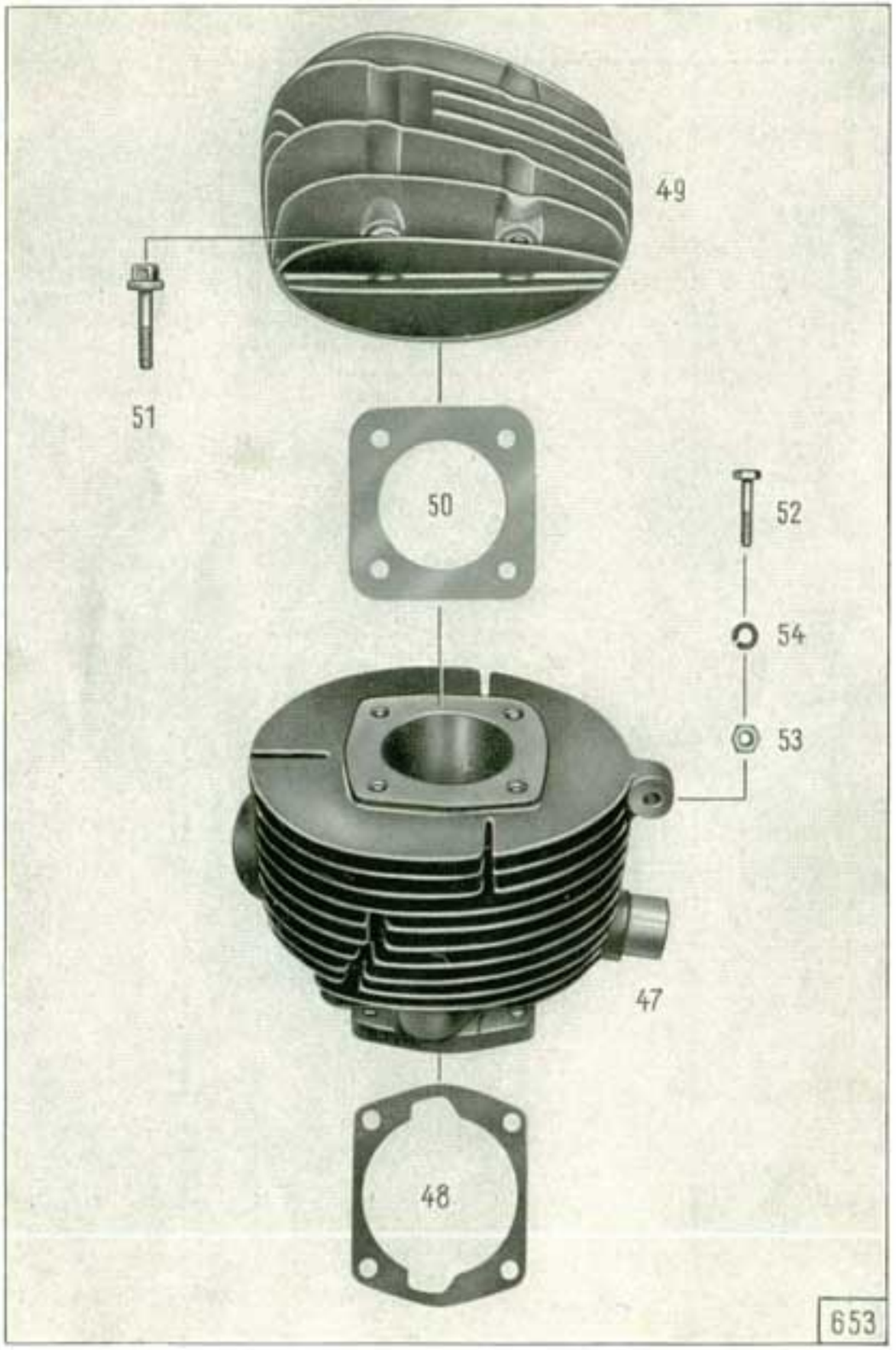
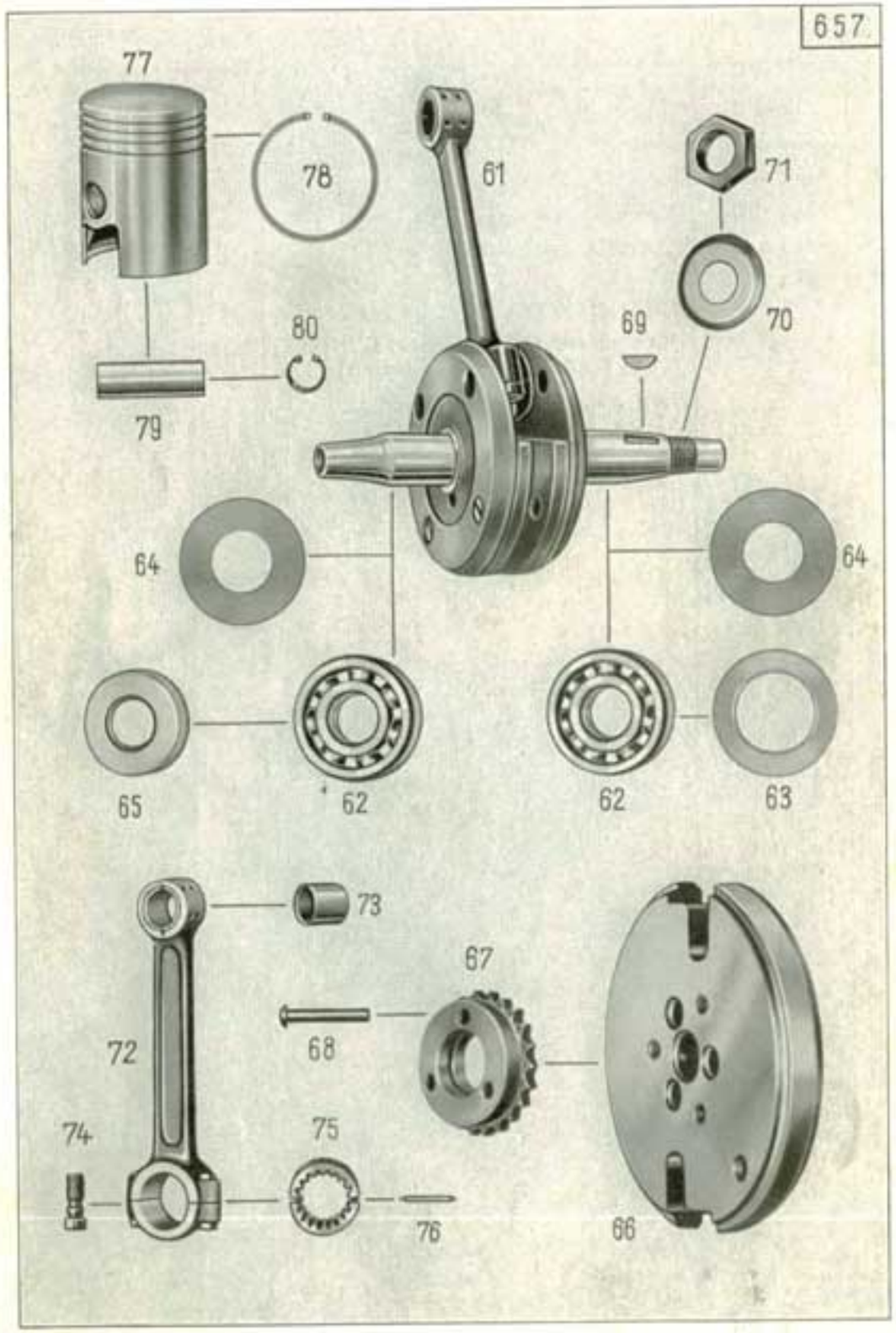


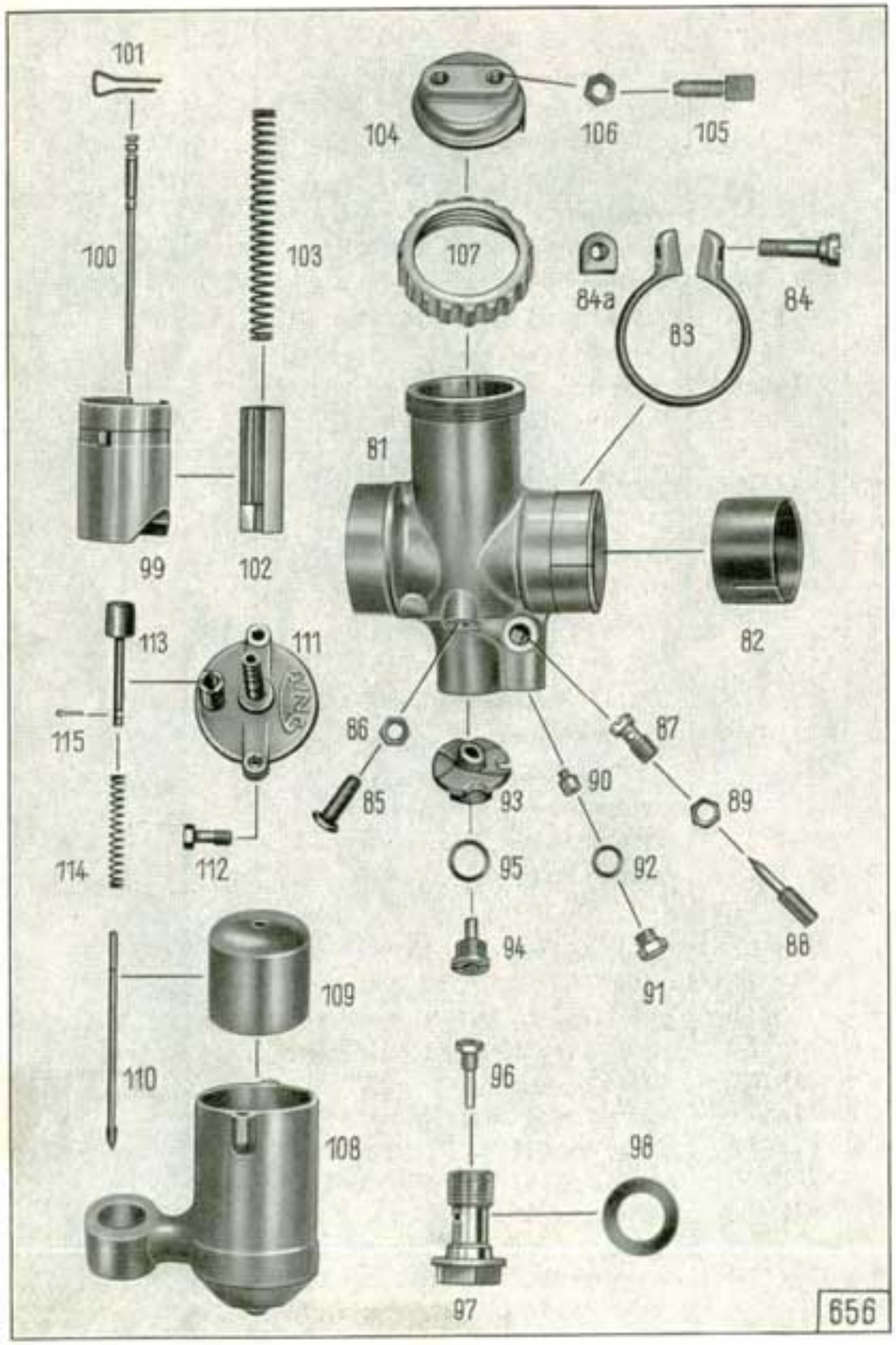
Illustration 4, Group M: b) Housing and Cylinder, Cylinder and Cylinder Head

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Cylinder		
47	2162 z 209-8	cylinder	1	
48	468 z 315-0	cylinder base gasket	1	
49	273 z 159-0	cylinder head	1	
50	461 z 6	cylinder head gasket	1	
51	1551 z 016	square screw (to fasten cylinder head)	4	
52	—	hex screw M 8 × 35 DIN 931 k (to fasten engine to frame)	1	
53	—	hex nut M 8 DIN 934 k	1	
54	—	spring washer A 8 DIN 127 k	1	



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Crankshaft		
61	1950 k 203	crankshaft with connecting rod ..	1	
62	—	ball bearing M 25 DIN 615	2	
63	1301 z 132	compensating shim 41 × 61,5 × 0,1	as required	between ball bearing and crankcase
—	1301 z 133	compensating shim 41 × 61,5 × 0,2		
—	1301 z 134	compensating shim 41 × 61,5 × 0,3		
—	1301 z 135	compensating shim 41 × 61,5 × 0,5		
—	1301 z 1012	compensating shim		
64	1281 z 382	covering washer	2	
65	—	radial gasket (oil seal) B 25 × 52 × 12 DIN 6503	1	
66	1310 z 52	flywheel with sprocket	1	
67	2101 z 152	sprocket 22 teeth (to flywheel)	1	
68	—	rivet, button head, 7 × 40 DIN 660	3	
69	—	key 4 × 6,5 DIN 6888	1	
70	1291 z 64	safety washer	1	
71	1001 z 020	hex nut	1	
		Connecting Rod		
72	1160 k 151	connecting rod	1	
73	184 z 523	gudgeon pin bushing	1	
74	1571 z 01	connecting rod screw	2	
75	1874 z 01	cage ring	1	
76	1871 z 01	bearing needle	18	
		Piston		
77	883 z 159-0	piston 64,0 mm ⌀ (standard)	1	
—	2473 k 65-0	piston 64,5 mm ⌀ (1st oversize) ..	1	
—	2473 k 66-0	piston 65,0 mm ⌀ (2nd oversize) ..	1	
—	2473 k 67-0	piston 65,5 mm ⌀ (3rd oversize) ..	1	
—	2473 k 68-0	piston 66,0 mm ⌀ (4th oversize) ..	1	
78	1262 z 102	piston ring 64,0 mm ⌀ (standard) ..	3	
—	2442 k 45-0	piston ring 64,5 mm ⌀ (1st oversize)	3	
—	2442 k 46-0	piston ring 65,0 mm ⌀ (2ndoversize)	3	
—	2442 k 47-0	piston ring 65,5 mm ⌀ (3rd oversize)	3	
—	2442 k 48-0	piston ring 66,0 mm ⌀ (4th oversize)	3	
79	121 z 1066	gudgeon pin	1	
80	—	circlip 18 × 1 DIN 472	2	

Illustration 6, Group M: f) Carburettor



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Carburettor		
—	6430 z 80-0	carburettor (model Bing 2/24/46)	1	
81	2403 k 89-0	carburettor housing	1	
82	2407 k 16-0	insulating bushing (to carburettor housing)	1	
83	2401 k 97-2	clamping ring	1	
84	2401 k 98-2	screw (to clamping ring)	1	
84a	2401 k 99-2	nut (to above screw)	1	
85	2401 k 3-2	idle running adjusting screw	1	
86	2401 k 4-2	nut (to idle running adjusting screw)	1	
87	2401 k 10-4	idle jet	1	
88	2401 k 14-2	idle air screw	1	
89	2401 k 12-4	nut (to idle air screw)	1	
90	2404 k 23-0	idle jet (size 45)	1	
91	2401 k 51-6	lock screw (to idle jet)	1	
92	2407 k 6-0	gasket (to lock screw)	1	
93	2403 k 90-0	mixing chamber insert (size 5)	1	
94	2404 k 1-0	needle jet (size 2,70)	1	
95	2407 k 12-0	gasket (to needle jet)	1	
96	2404 k 2-0	main jet (size 110)	1	
97	2403 k 6-0	jet block	1	
98	2407 k 1-0	gasket (to jet block)	2	
99	2403 k 91-0	gas slide	1	
100	2401 k 88-0	jet needle	1	
101	2401 k 8-2	clip (to jet needle)	1	
102	2403 k 92-0	air slide	1	
103	2401 k 52-2	slide spring	2	
104	2403 k 71-0	cover plate	1	
105	2401 k 5-4	cable adjusting screw	2	
106	2401 k 6-2	nut (to cable adjusting screw)	2	
107	2403 k 51-0	nut (to seal cover)	1	
108	2403 k 93-0	float chamber	1	
109	2404 k 31-0	float	1	
110	2401 k 73-2	float needle	1	
111	2403 k 94-0	float chamber cover	1	
112	2401 k 61-2	set screw (to cover)	2	
113	2401 k 71-2	tickler	1	
114	2401 k 57-2	tickler spring	1	
115	2401 k 19-3	split pin	1	

Illustration 7, Group M: f) Air Cleaner and Covering

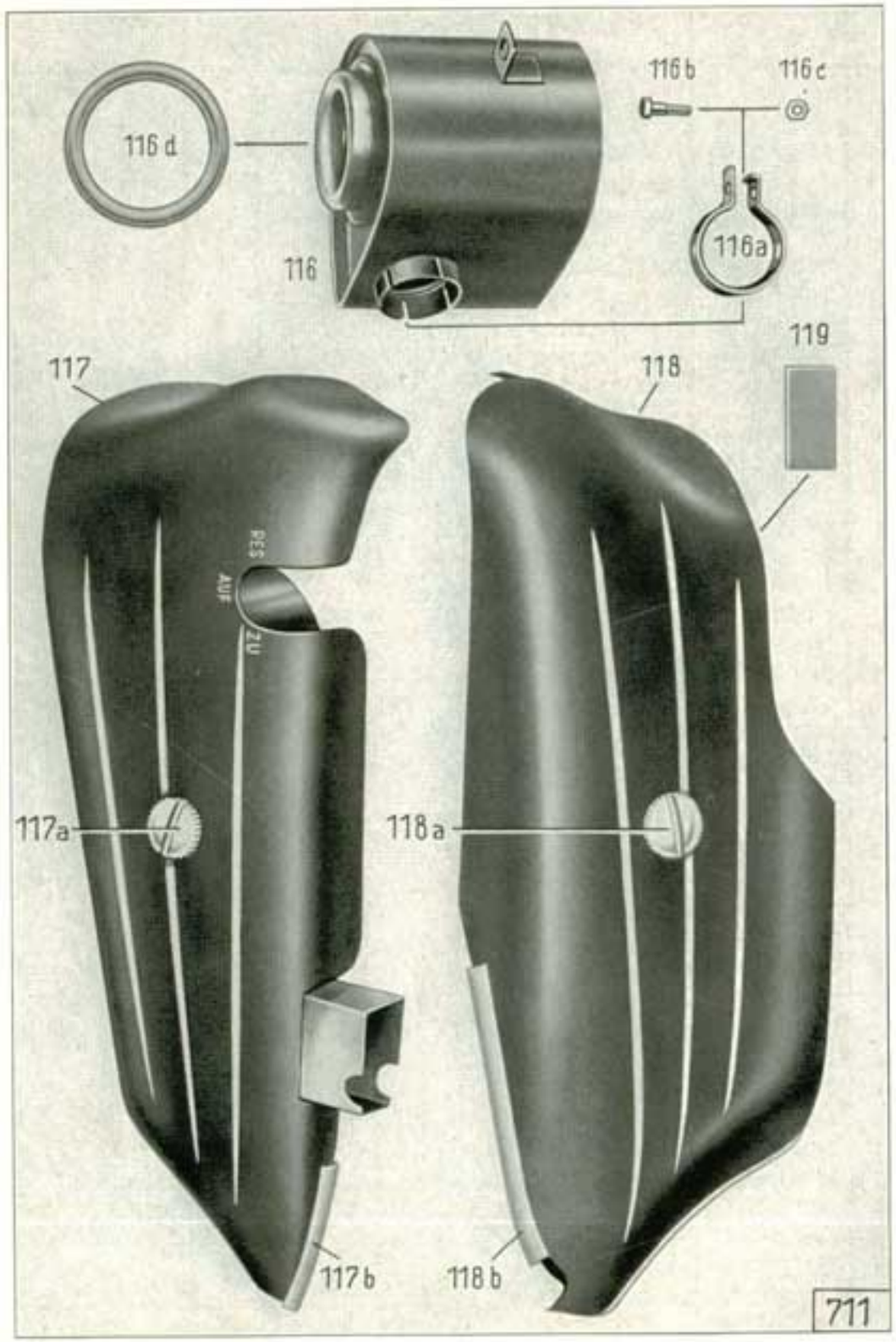
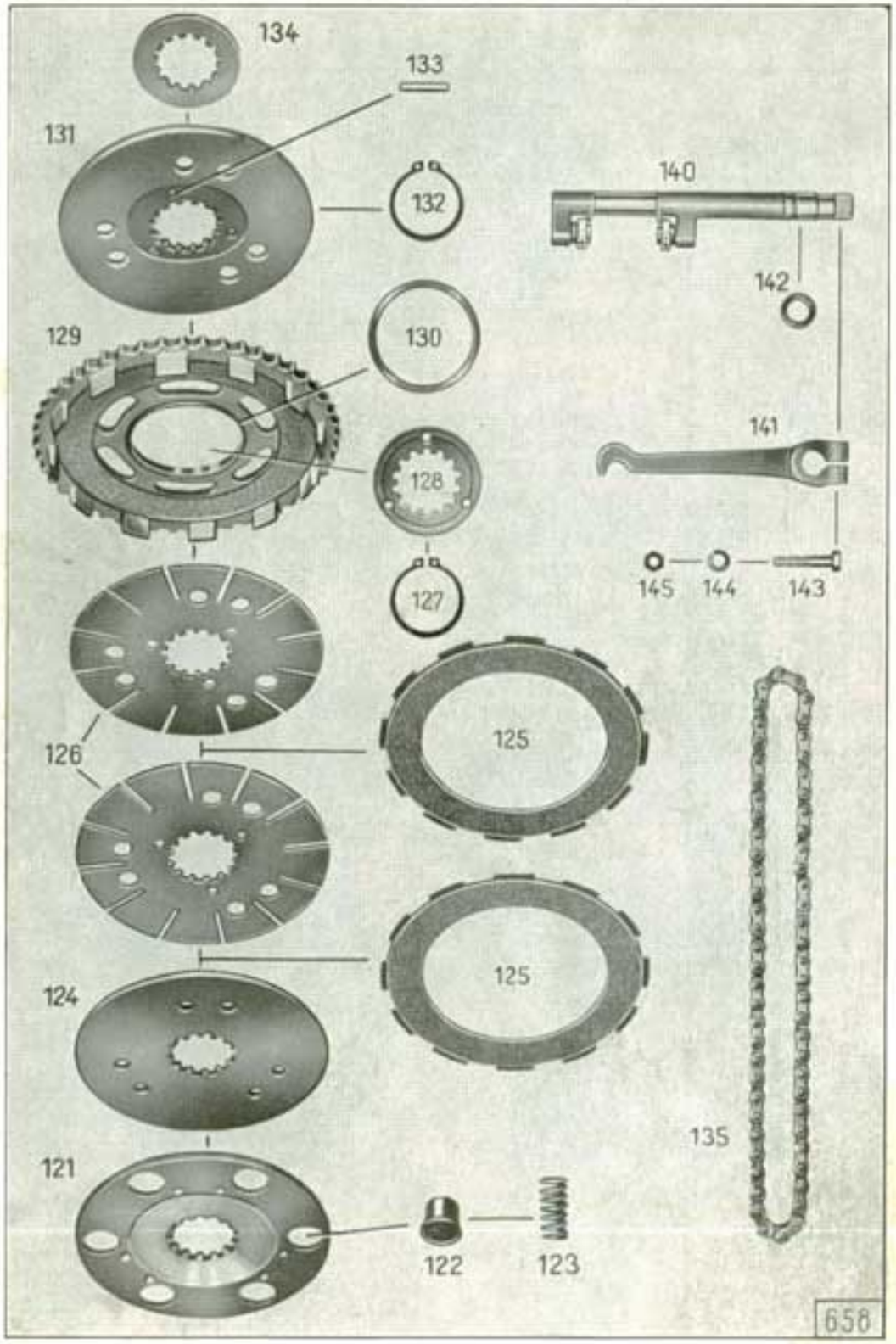
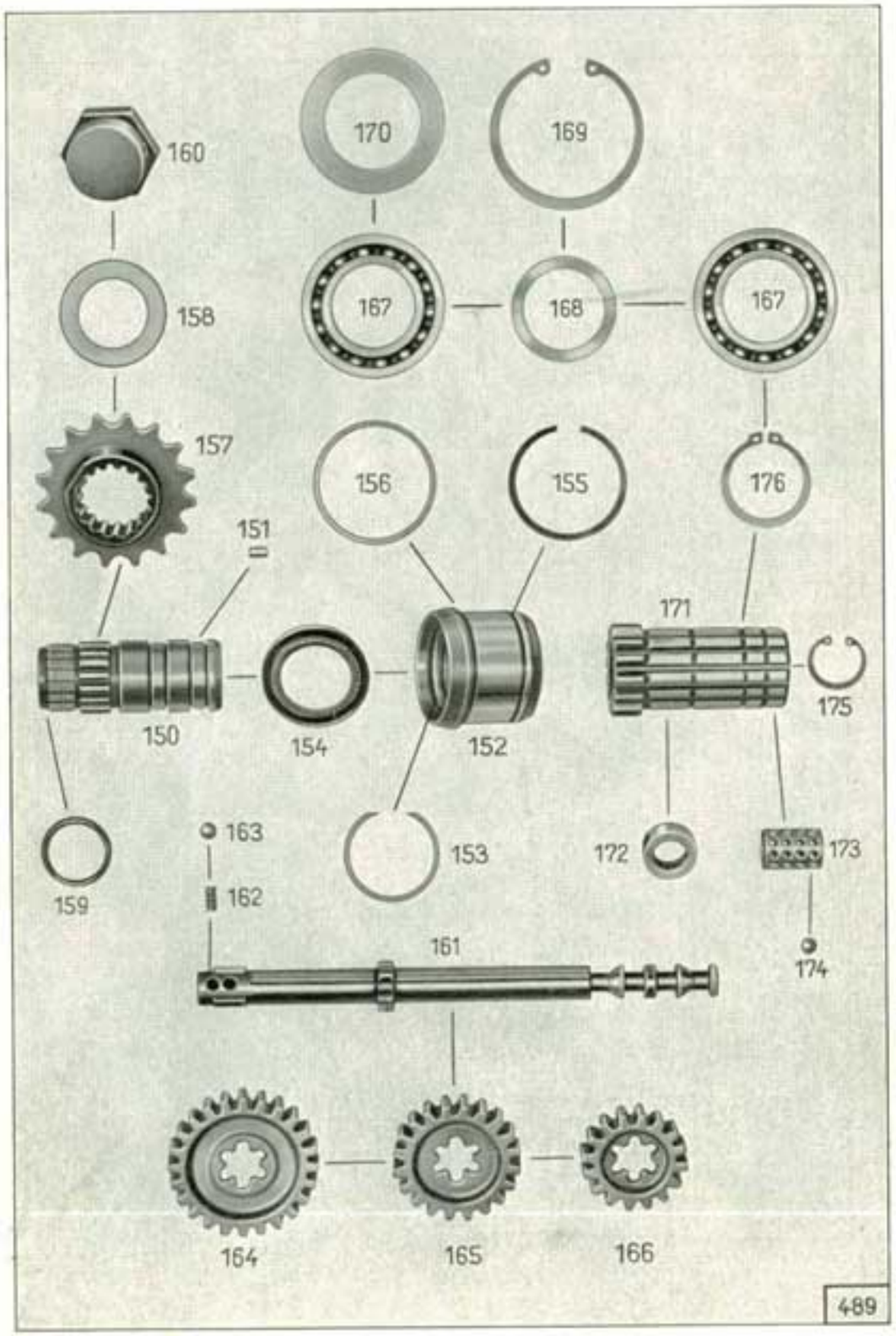


Illustration 7, Group M: f) Air Cleaner and Covering

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Air Cleaner		
116	6410 z 209-8	air cleaner	1	
116a	1441 z 160	clamp	1	
116b	—	hex screw M 6 × 22 DIN 931 k (to clamp)	1	
116c	—	hex nut M 6 DIN 934 k	1	
—	—	hex screw M 6 × 10 DIN 933 k (to fasten air cleaner to frame)	1	
—	—	spring washer A 6 DIN 137 k	1	
116d	1236 z 341-0	rubber ring	1	
		Covering		
117	6350 z 122-0	half of covering, left-hand	1	
117a	1540 z 101-0	knurled edge screw	1	
—	—	spring washer A 10 DIN 137 k	1	
—	1331 z 850-3	distance tube	1	
117b	1396 z 247-0	profile rubber	1	
118	650 z 299-8	half of cover, right-hand	1	
118a	1540 z 101-0	knurled edge screw	1	
—	1331 z 850-3	distance tube	1	
—	—	spring washer A 10 DIN 137 k	1	
118b	1396 z 236-0	profile rubber	2	
119	1146 z 99-0	rubber plate	1	



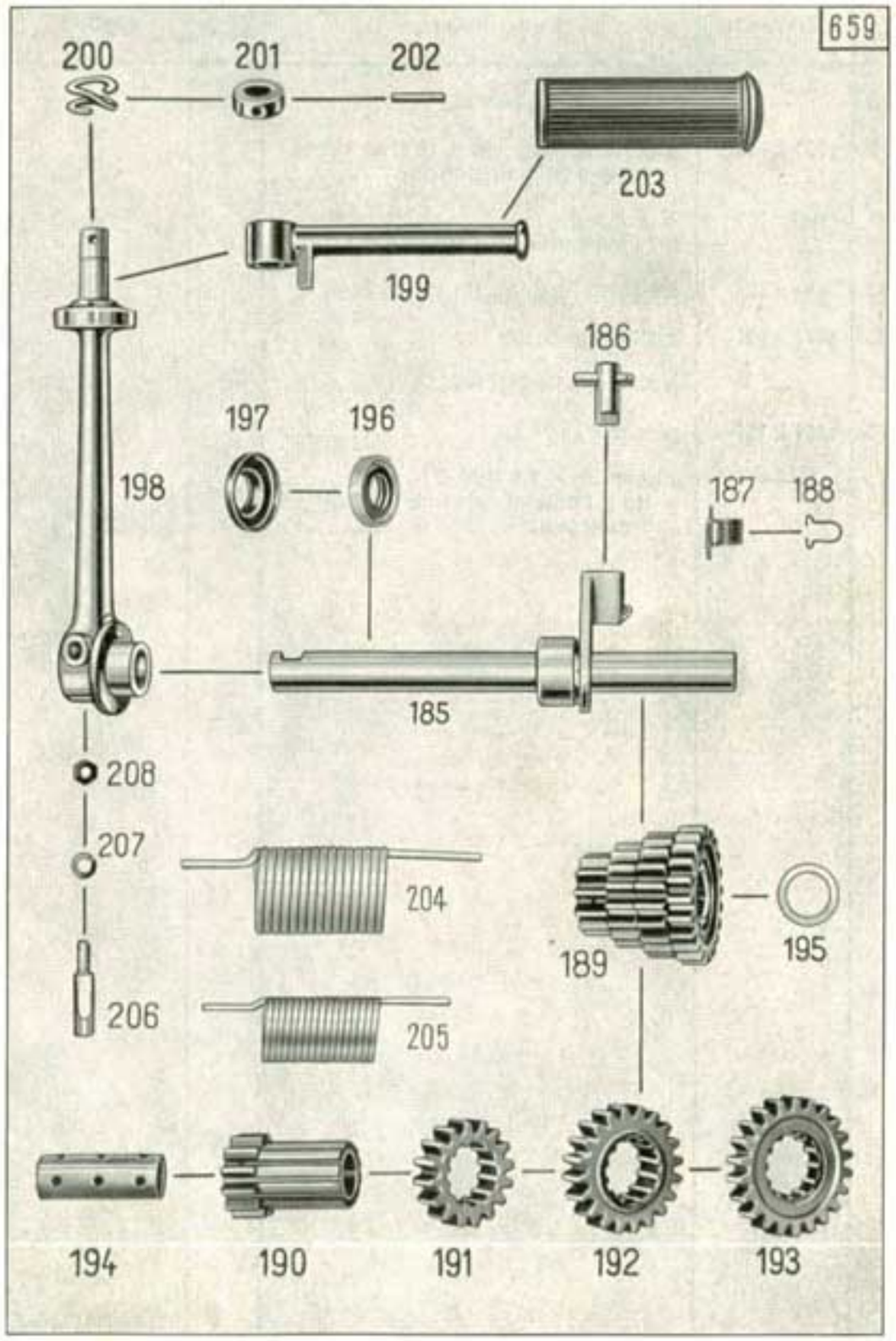
Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Clutch		
121	921 z 69	spring plate	1	
122	781 z 273	spring cup (in spring plate)	6	
123	321 z 45	clutch spring	6	
124	921 z 67	clutch pressure plate	1	
125	920 z 52	clutch disk (with lining)	2	
126	921 z 68	clutch disk	2	
127	—	circlip 35 × 1,5 DIN 471	1	with ground side surfaces
128	1231 z 212	spacer ring	1	
129	2100 z 165	clutch sprocket with bushing, 48 teeth	1	
130	184 z 317	bushing (in clutch sprocket)	1	
131	921 z 203	clutch plate	1	
132	—	circlip 35 × 1,5 DIN 471	1	with ground side surfaces
133	1691 z 113	push rod	3	
134	1231 z 213	pressure ring	1	
135	—	roller chain, 62 links, endless A 9,5 × 9,5 DIN 73 232	1	
		Clutch Operating Mechanism		
140	1940 z 25	clutch pressure bar, complete	1	
141	671 z 318	clutch lever (for clutch pressure bar)	1	
142	1236 z 222	packing washer	1	
143	—	hex screw M 6 × 28 DIN 931 k (to fasten clutch lever to clutch pressure bar)	1	
144	—	spring washer A 6 DIN 127 k	1	
145	—	hex nut M 6 DIN 934 k	1	



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Selector Shaft		
150	961 z 125	final drive shaft	1	
151	1871 z 07	roller	38	
152	1871 z 154	bearing ring (to left half of crankcase)	1	
153	1251 z 99	internal circlip } in order to compensate bearing play inside the bearing ring	2	at option
—	1251 z 251	internal circlip }	2	
—	1251 z 252	internal circlip }	2	
154	—	radial gasket (oil seal) B 32 × 45 × 7 DIN 6503 (in bearing ring)	1	
155	1251 z 176	snap ring (to fasten bearing ring in half of crankcase)	1	
156	1301 z 603	compensating shim 48,1 × 52,3 × 0,5 } as required		between bearing ring and half of crankcase
—	1301 z 604	compensating shim 48,1 × 52,3 × 0,3 }		
—	1301 z 605	compensating shim 48,1 × 52,3 × 0,2 }		
157	2101 z 60	sprocket, 16 teeth (on final drive shaft)	1	
158	1291 z 65	safety washer	1	
159	1236 z 220	packing washer	1	
160	—	lock nut M 30 × 1,5 DIN 7605 k (to fasten sprocket on final drive shaft)	1	
161	1921 z 701	selector shaft	1	
162	321 z 312	pressure spring	2	
163	—	ball 6 mm III DIN 5401	3	
164	2131 z 303	gear wheel 1st speed 24 teeth	1	
165	2131 z 304	gear wheel 2nd speed 20 teeth	1	
166	2131 z 307	gear wheel 3rd speed 17 teeth	1	
167	—	ball bearing 16 007 DIN 625 (to right half of crankcase)	2	
168	—	spacer ring 35 × 45 × 2 DIN 988 (between the ball bearings)	1	

Illustration 9, Group G: c) Shafts and Gears, Selector Shaft

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
169	—	circlip 62 × 2 DIN 472	1	
170	1301 z 133	compensating shim (betw. crankcase and ball bearing)	1	
171	960 z 101	clutch hub (simultaneously 4th speed)	1	
172	184 z 324	bearing bushing (in clutch hub) ..	1	
173	1871 z 151	ball cage	1	
174	—	ball 4 mm III DIN 5401	40	
175	1251 k 259-0	circlip J 23 × 1,2	1	
176	—	circlip 35 × 1,5 DIN 471 (to fasten clutch hub to half of crankcase)	1	with ground side surfaces



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Starter Shaft		
185	1940 z 205-0	starter shaft, complete	1	
186	1690 z 3	engaging pin with return pin	1	
187	321 z 314	lock spring	1	
188	211 z 201	spring clip	1	
189	2130 z 101	counter-gear wheel block, compl.	1	
190	2131 z 238	gear wheel 1st speed 12 teeth	1	
191	2131 z 239	gear wheel 2nd speed 16 teeth	1	
192	2131 z 247	gear wheel 3rd speed 19 teeth	1	
193	2131 z 237	drive gear wheel 22 teeth	1	
194	184 z 316	bushing	1	
195	1301 z 177	compensating shim 18,2 × 25,7 × 0,5	as required	between gear wheel block and right half of crankcase
—	1301 z 367	compensating shim 18,2 × 25,7 × 0,2		
—	1301 z 368	compensating shim 18,2 × 25,7 × 0,3		
196	—	gasket "Diring" (model K 200) 17 × 30 × 7 DIN 6503	1	
197	781 z 274	protective cap (of gasket "Diring")	1	
198	901 z 206-4	starter arm	1	
199	131 z 02	kick start foot piece	1	
200	1251 z 253	double spring washer	1	
201	1231 z 215	fixing ring	1	
202	—	pin 4 × 22 DIN 1471	1	
203	616 z 01	rubber sleeve	1	
204	321 z 573-3	return spring (to starter shaft)	1	
205	321 z 574-3	return spring (to starter shaft)	1	
206	121 z 553	cotter pin (to fasten starter arm to starter shaft)	1	
207	—	spring washer A 6 DIN 127 k	1	
208	—	hex nut M 6 DIN 934 k	1	

Illustration 11, Group G: d) Footshift Mechanism

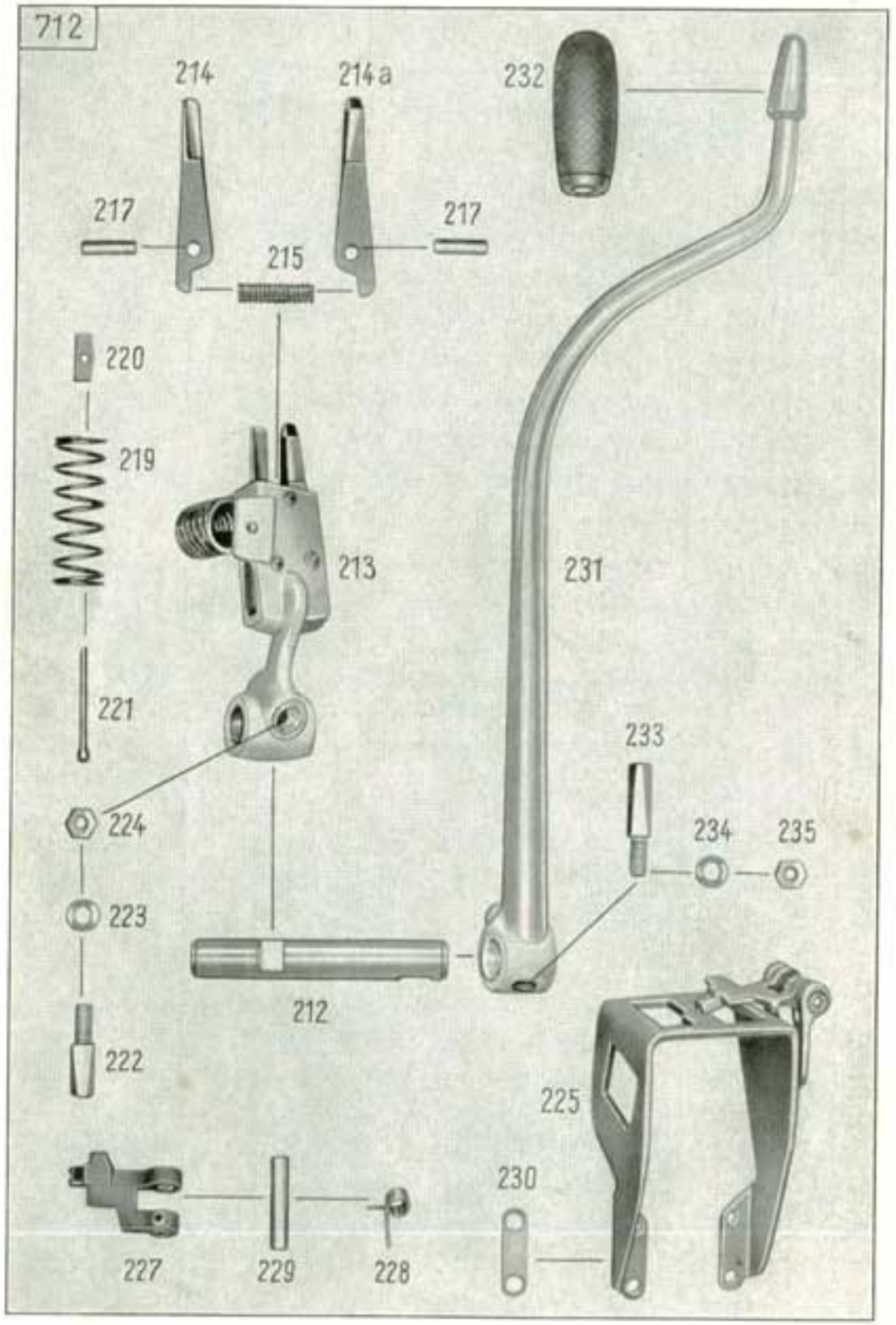
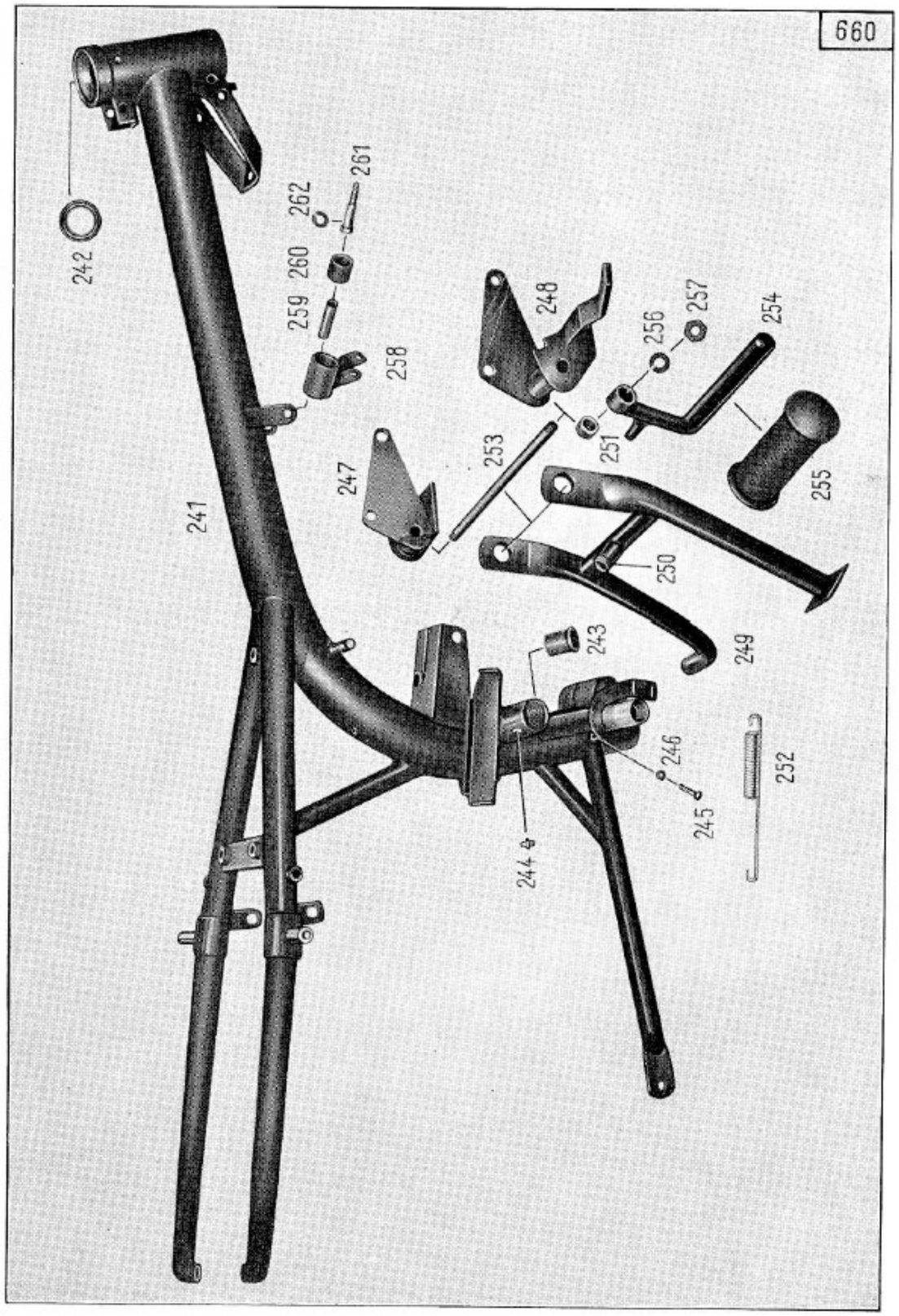


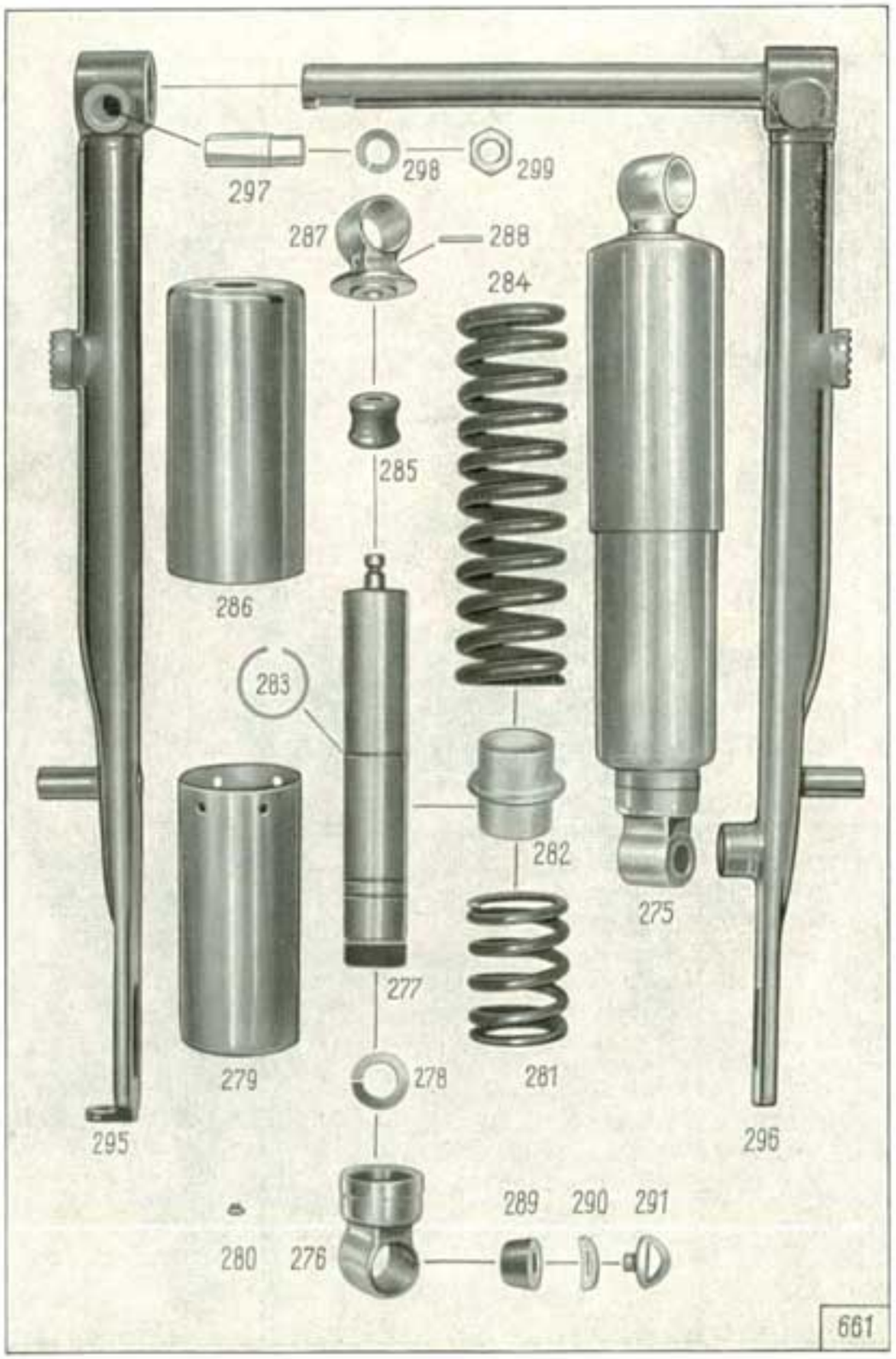
Illustration 11, Group G: d) Footshift Mechanism

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Footshift Mechanism		
212	1941 z 311-4	footshift shaft	1	
213	670 z 233-0	gear selector fork, complete	1	
214	841 z 40-0	selector finger, left-h.	1	
214a	841 z 41-0	selector finger, right-h.	1	
215	321 z 317	pressure spring	1	
217	—	riveting pin A 5 h 9 × 20 DIN 7341	3	
219	321 z 316	return spring	1	
220	1281 z 359	joint	2	
221	—	split pin 3 × 35 DIN 94	1	
222	121 z 1112-3	cotter pin (to fasten gear selector fork to footshift shaft)	1	
223	—	spring washer B 6 DIN 137 k	2	
224	—	hex nut M 6 DIN 934 k	1	
225	200 z 107	gear selector support with ratchet	1	
227	841 z 39	ratchet	1	
228	321 z 322	ratchet spring	1	
229	—	riveting pin A 6 h 9 × 32 DIN 7341	1	
230	1281 z 242	joint } to gear selector support	4	} at option
—	1281 z 243	joint } to gear selector support	4	} at option
—	1281 z 244	joint } to gear selector support	4	} at option
231	683 z 11-0	footshift lever	1	
232	616 z 25	rubber sleeve	1	
233	121 z 553	cotter pin (to fasten footshift lever to footshift shaft)	1	
234	—	spring washer B 6 DIN 137 k	2	
235	—	hex nut M 6 DIN 934 k	1	



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Frame (see also our Technical Bulletins No. 25)		
241	6690 z 321-8	frame	1	up to F. 893128 as well as F. 893131, 132, 154, 156, 160, 183
—	6690 z 331	frame	1	from F. 893129 excluding F. 893131, 132, 154, 156, 160, 183
242	1871 z 155	frame race	2	
—	1231 z 210	covering ring	1	
243	184 z 525-0	bushing (for swinging arm)	2	
—	—	snap ring 14 DIN 9045 (in bushing for antitheft lock)	1	
—	2286 k 2-0	dust protective cap (on bushing for antitheft lock)	1	
244	1080 z 1	grease nipple	1	
245	—	hex screw M 6 × 20 DIN 933 k (stop screw for footbrake lever)	1	
246	—	hex nut M 6 DIN 934 k	1	
247	1140 z 1238-8	bracket, left-h. (to lower engine suspension)	1	
248	1140 z 1239-8	bracket, right-h. (to lower engine suspension)	1	up to F. 892203
—	1140 z 1257-8	bracket, right-h.	1	from F. 892204
249	1750 z 219-8	center stand	1	
250	616 z 219	rubber damper (in center stand)	1	
251	1331 z 845-0	distance tube	2	
252	321 z 545-2	return spring (to center stand)	1	
253	121 z 1086-2	footrest rod	1	up to F. 892203
—	121 z 1142-2	footrest rod	1	from F. 892204
254	631 z 598-8	footrest arm	2	
255	616 z 237	footrest rubber	2	
256	—	spring washer B 12 DIN 137	2	
—	1181 z 413-2	bracket (to return spring)	1	
257	—	hex nut M 12 × 1,5 DIN 936 k	2	
258	210 z 124-8	holding clip (to engine suspension)	1	
259	181 z 337-0	bushing	1	
260	176 z 32	rubber bushing	2	
261	—	hex screw M 8 × 50 DIN 931 k (to fasten holding clip to frame)	1	
262	—	spring washer B 8 DIN 137 k	1	

Illustration 13, Group R: a) Frame, Spring Leg and Swinging Fork



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Spring Unit (so-called "Spring Leg")		
275	6350 z 113-0	spring leg with shock absorber, complete	2	
276	553 z 103-0	lower bar head	2	up to F. 895406
—	553 z 111	lower bar head	2	from F. 895407
—	—	hex screw M 8 × 25 DIN 931 k	2	from F. 895407
—	—	spring washer A 8 DIN 137 k	2	from F. 895407
277	6350 z 112-0	shock absorber	2	
278	—	spring washer A 16 DIN 127 k (between schock absorber and lower bar head)	2	up to F. 895406
279	170 z 209-0	protective sleeve, inner	2	
280	1127 z 5	distance bolt	12	
281	321 z 571-2	pressure spring, short	2	
282	171 z 428-3	guide tube (on shock absorber)	2	
283	1251 z 256-3	snap ring (on shock absorber)	2	
284	321 z 572-2	pressure spring, long	2	
285	616 z 243-0	rubber damper (on shock absorber)	2	
286	173 z 112-0	protective sleeve, outer	2	
287	553 z 104-0	upper bar head	2	
288	—	pin 4 × 20 DIN 1472 (to fasten upper bar head and protective sleeve to shock absorber)	2	
289	176 z 40-0	rubber bushing (in upper and lower bar heads)	8	
290	—	spring washer A 8 DIN 137 k	4	
291	1541 z 311-3	lock screw (to fasten spring leg to frame and swinging fork)	4	
		Swinging Fork		
295	710 z 224-8	swinging arm, left-hand	1	
296	710 k 251-0	swinging arm, right-hand, with shaft	1	
297	121 z 1085-3	cotter pin (to fasten swinging arm to shaft)	1	
298	—	spring washer A 12 DIN 127 k	1	
299	—	hex nut M 12 × 1,5 DIN 936 k	1	

Illustration 14, Group R: b) Dual Seat and Toolbox

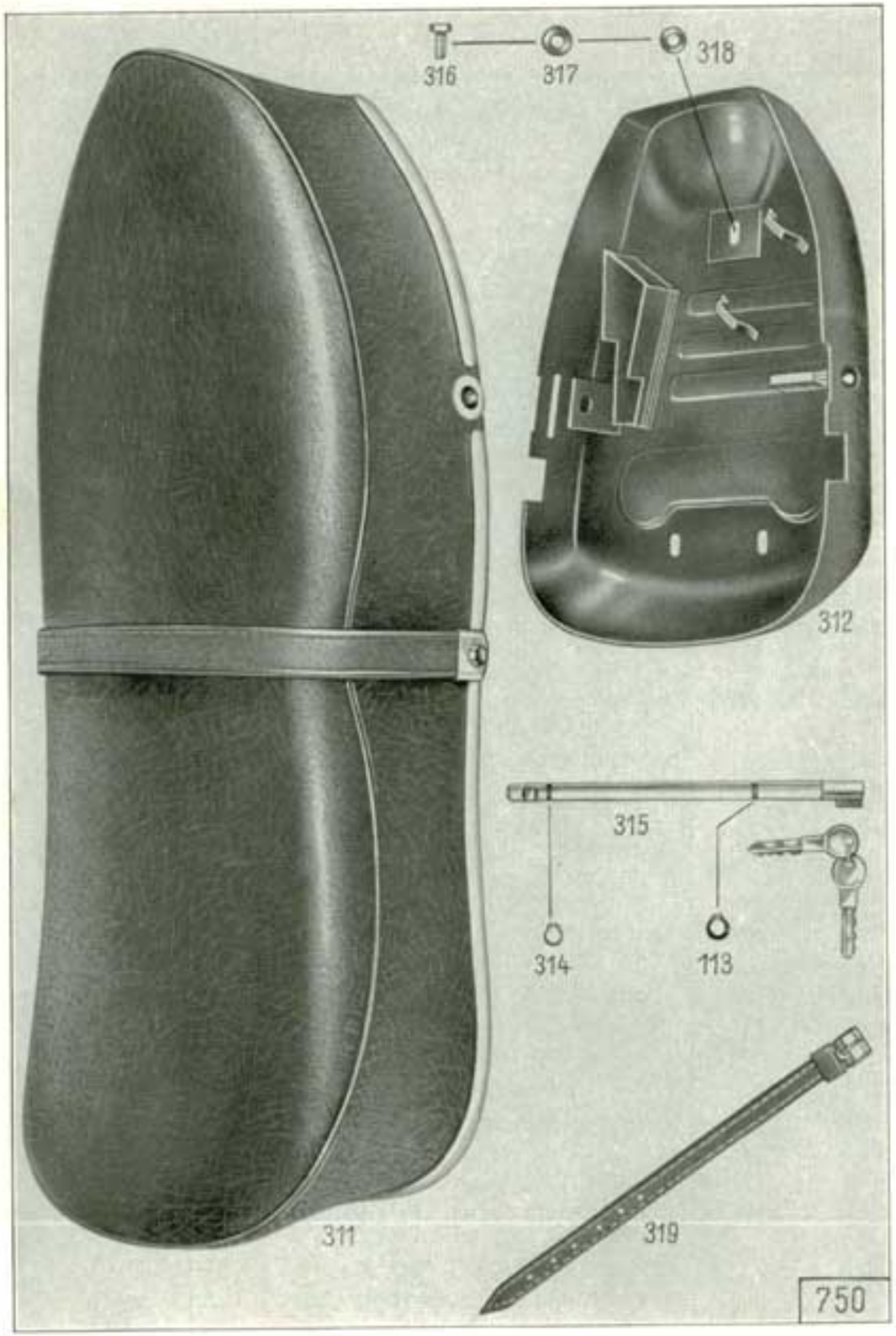
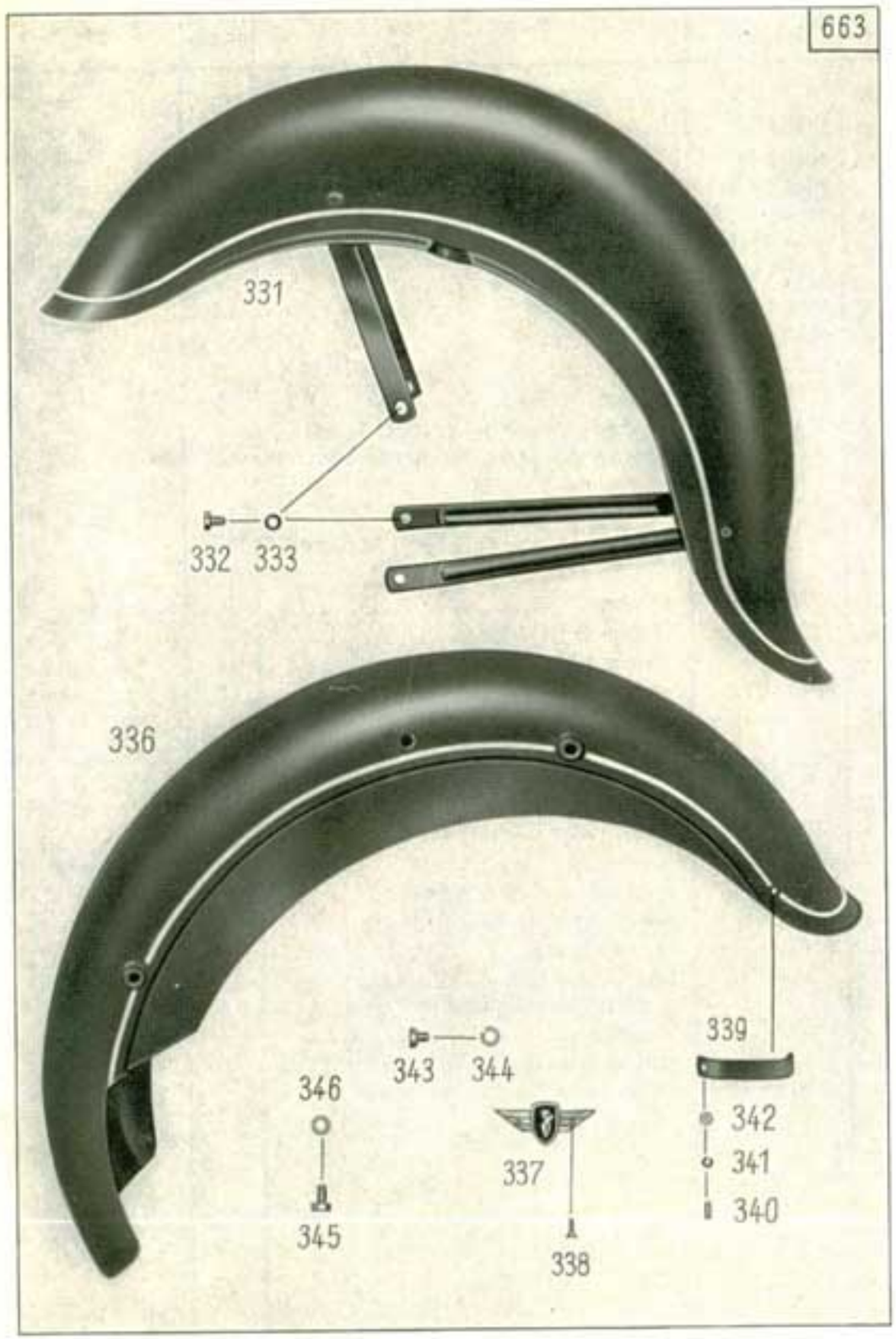


Illustration 14, Group R: b) Dual Seat and Toolbox

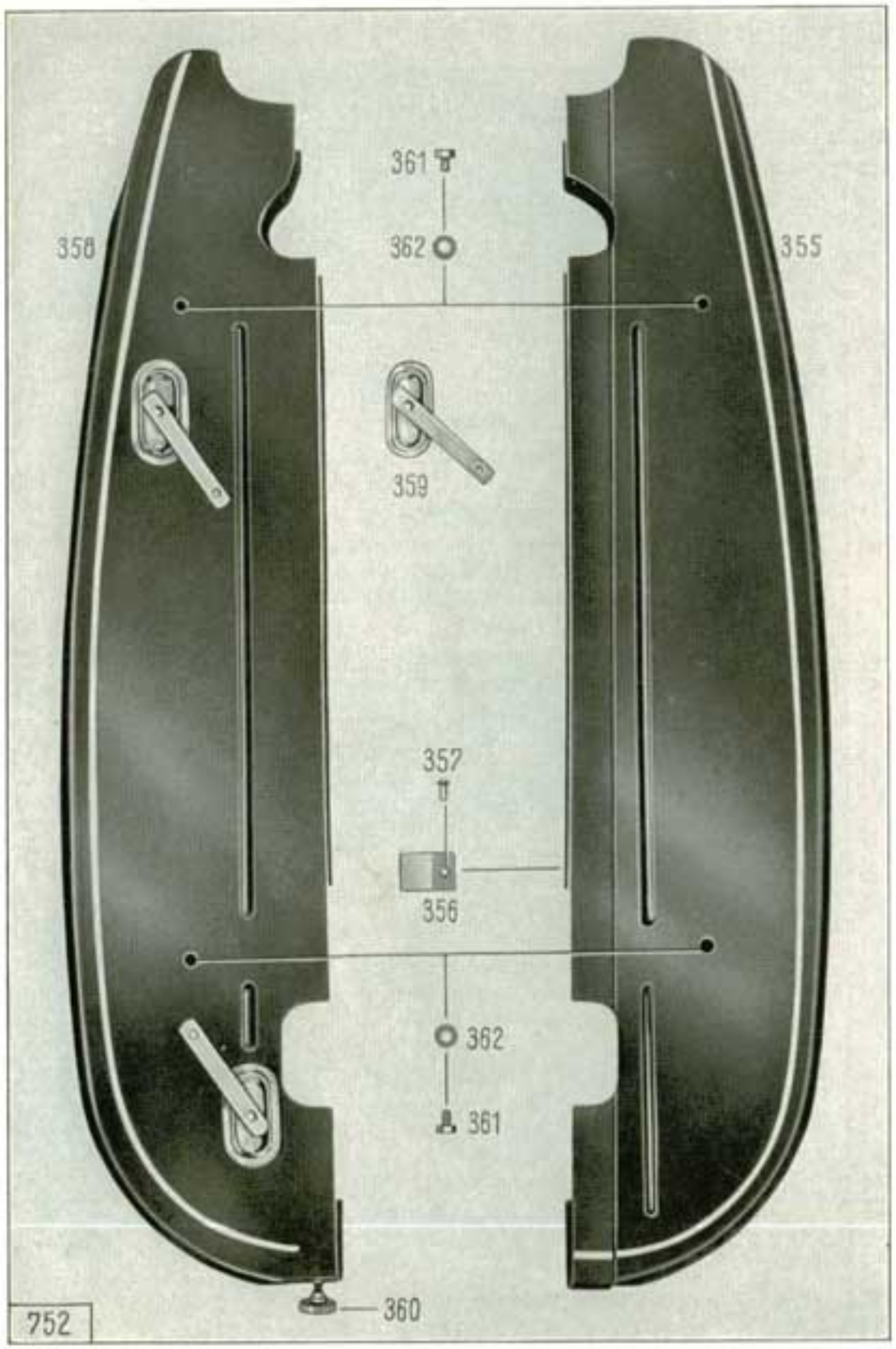
Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Dual Seat		
		(see also our Technical Bulletins No. 25)		
—	6330 z 48/I	dual seat, complete	1	from F. 892101 to F. 892852
—	6330 z 48/II	dual seat, complete	1	from F. 892853
—	6347 z 1-0	dual seat cover	1	
—	6346 z 16	foam rubber cushion	1	
—	1141 z 2170-8	supporting plate	2	
—	321 z 550-8	pressure spring	4	
—	—	rivet (hollow) A 4 × 8 × 6 DIN 7331	20	
—	1113 z 4-0	eyelet	1	
—	2360 k 3-0	holding strap	1	
—	1143 z 105-0	holding plate	2	
—	1141 z 2143-0	clamping plate	2	
—	—	hex screw M 6 × 15 DIN 933 crp	2	
—	—	spring washer A 6 DIN 137 k	2	
—	946 z 7	rubber band (for buttons)	1	
311	6330 k 52	dual seat	1	from F. 895211
—	6347 z 3-0	dual seat cover	1	
—	6346 z 16	foom rubber cushion	1	
—	1141 z 2170-8	supporting plate	2	
—	321 z 550-8	pressure spring	4	
—	1551 z 442-3	square screw	21	
—	1284 z 16-6	washer	21	
—	1011 z 207-3	nut	21	
—	1113 z 4-0	eyelet	1	
—	2360 k 3-0	holding strap	1	
—	1143 z 105-0	holding plate	2	
—	1141 z 2143-0	clamping plate	2	
—	—	hex screw M 6 × 15 DIN 933 crp	2	
—	—	spring washer A 6 DIN 137 k	2	
—	946 z 7	rubber band (for buttons)	1	
—	943 z 26	profile moulding, left front part	1	
—	943 z 27	profile moulding, right front part	1	
—	943 z 28	profile moulding, right front part	1	
—	943 z 29	profile moulding, rear part	1	
—	6330 k 47	single seat (driver's seat), complete	1	
—	6347 z 2-0	single seat cover	1	
—	6346 z 14	foam rubber cushion	1	
—	1141 z 2110-8	supporting plate	1	
—	321 z 550-8	pressure spring	2	

Illustration 14, Group R: b) Dual Seat and Toolbox

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
—	—	rivet (hollow) A 4 × 8 × 6 DIN 7331	13	
—	1113 z 4-0	eyelet	1	
—	6330 k 51	single seat (driver's seat), complete	1	
—	6347 z 4-0	single seat cover	1	
—	6346 z 14	foam rubber cushion	1	
—	1141 z 2170-8	supporting plate	1	
—	321 z 550-8	pressure spring	2	
—	1551 z 442-3	square screw	13	
—	1284 z 16-6	washer	13	
—	1011 z 207-3	nut	13	
—	1113 z 4-0	eyelet	1	
—	943 z 28	profile moulding, right front part	1	
—	943 z 30	profile moulding for single seat	1	
		Toolbox (see also our Technical Bulletins No. 25)		
312	6230 z 142	toolbox	1	to dual seat
313	1251 z 265	circlip G 10 × 1,2	1	
314	—	circlip 10 × 1 DIN 471	1	
315	6040 z 275	antitheft lock	1	
316	—	hex screw M 8 × 15 DIN 933 k (to fasten toolbox to frame)	3	
317	1301 z 035	washer	3	
318	—	spring washer B 8 DIN 137 k	3	
319	1390 z 118	strap (with buckle) for tools	1	
—	6230 z 140	toolbox	1	to single seat
—	—	split pin 2 × 25 DIN 94 k	1	
—	321 z 537	spring for antitheft lock	1	
—	6040 z 276	antitheft lock	1	
—	—	hex screw M 8 × 15 DIN 933 k (to fasten toolbox to frame)	3	
—	1301 z 035	washer	3	
—	—	spring washer B 8 DIN 137 k	3	
—	1390 z 118	strap (with buckle) for tools	1	



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Front Mudguard		
331	6370 k 180-8	front mudguard	1	
332	—	hex screw M 8 × 12 DIN 933 k (to fasten mudguard to front fork)	4	
333	—	spring washer A 8 DIN 127 k	4	
		Rear Mudguard		
336	6370 z 173-0	rear mudguard	1	
—	616 z 220	plug	2	
—	131 z 545-3	retaining bolt (to dual seat)	2	
—	—	hex nut M 8 DIN 934 k	2	
—	—	spring washer B 8 DIN 137 k	2	
—	616 z 238	plug	1	
337	1483 z 66-8	manufacturer's plate	1	
338	—	screw, countersunk raised head, AM 3 × 6 DIN 91 crp	2	
—	—	spring washer A 3 DIN 137	2	
—	—	hex nut M 3 DIN 934	2	
339	211 z 247-2	yoke (to number-plate)	2	
340	—	screw, button head AM 5 × 12 DIN 86 k	5	
341	—	spring washer A 5 DIN 127 k	5	
342	—	hex nut M 5 DIN 934 k	5	
—	—	screw, button head, AM 6 × 8 DIN 86 k	1	with single seat
—	—	hex nut M 6 DIN 934 k	1	with single seat
—	—	spring washer A 6 DIN 137 k	1	with single seat
—	121 z 1136-3	riveting bolt	1	with dual seat
—	1286 z 01	rubber washer	1	with dual seat
—	—	hex screw M 8 × 15 DIN 933 k (to fasten mudguard to frame braces, front part)	2	
—	—	spring washer B 8 DIN 137 k	2	
—	—	hex nut M 8 DIN 934 k	2	
343	—	hex screw M 8 × 10 DIN 933 k (to fasten mudguard to frame braces, rear part)	2	
344	—	spring washer B 8 DIN 137 k	2	
345	—	hex screw M 8 × 15 DIN 933 k (to fasten mudguard to frame, lower part)	1	
346	—	spring washer B 8 DIN 137 k	1	



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Chaincase		
355	1500 z 263-8	chaincase, upper part	1	
356	331 z 330	laminated spring	4	
357	—	rivet, button head, 4 × 6 DIN 660 (to fasten laminated spring to chaincase, upper part)	4	
358	1500 z 269-0	chaincase, lower part	1	
359	230 z 230-0	cap	2	
—	331 z 303	laminated spring	2	
—	—	rivet, button head, 4 × 6 DIN 660 Alu (to fasten laminated spring to cap as well as to chaincase, lower part)	4	
—	—	spring washer B 5 DIN 137 k	2	
—	—	washer 4,3 DIN 125 k	2	
360	1021 z 103	knurled edge nut	1	
361	—	hex screw M 6 × 8 DIN 933 k (to fasten chaincase to swinging arm)	4	
362	—	spring washer B 6 DIN 137 k	4	

Illustration 17, Group R: f) Fuel Tank and Fuel Pipes

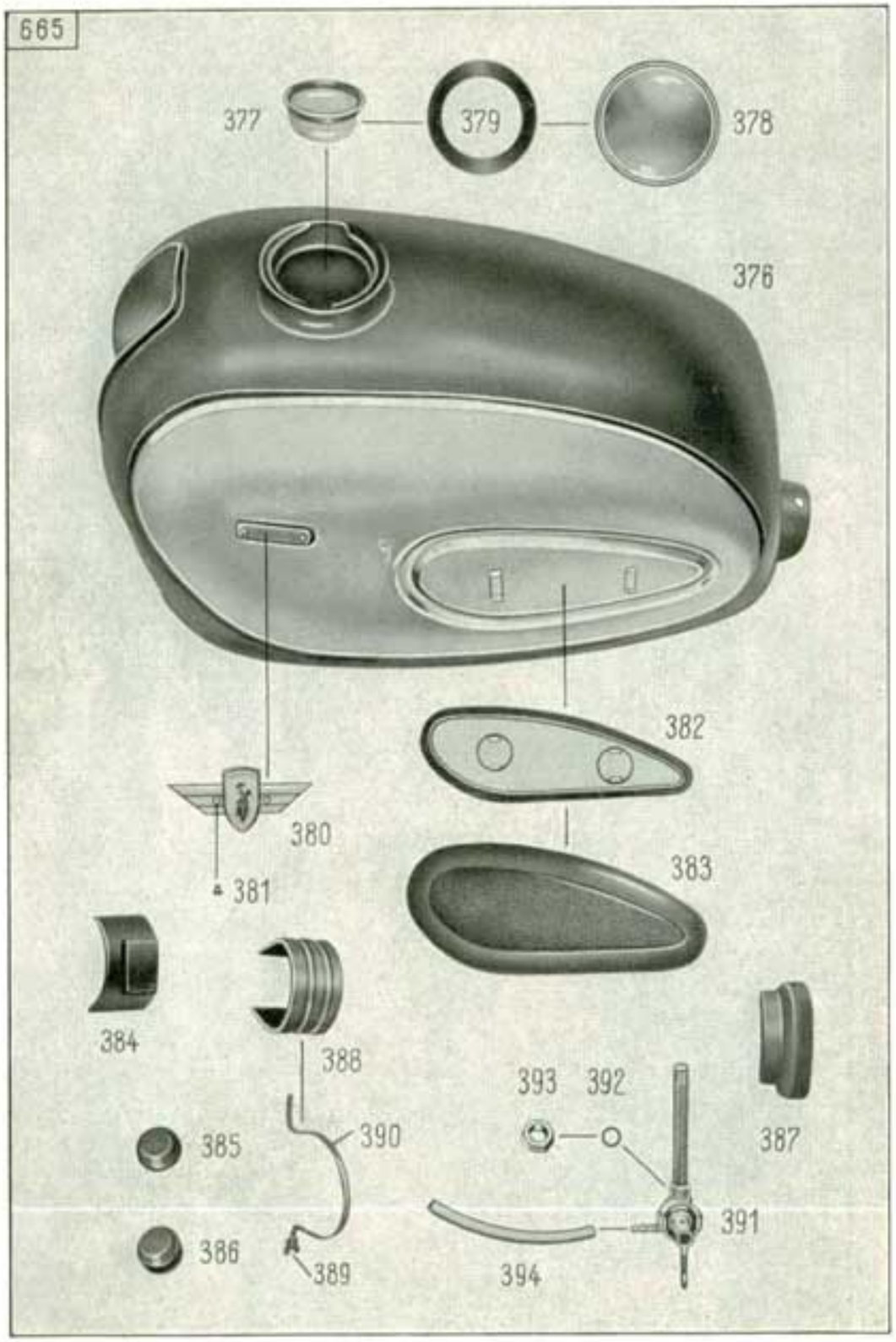


Illustration 17, Group R: f) Fuel Tank and Fuel Pipes

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Fuel Tank		
376	6230 z 145-9	fuel tank	1	
377	2210 z 30	fuel sieve	1	
378	1850 z 26	filler cap	1	
379	2456 k 4-0	packing washer (to filler cap)	1	
380	1483 z 64-3	manufacturer's plate	2	
381	—	screw, countersunk raised head, AM 3 × 6 DIN 91 Alu elox. (for fixing the plates)	4	
382	1141 z 2119-2	bracket, left-hand	1	
—	1141 z 2120-2	bracket, right-hand	1	
—	—	screw, fillister head, AM 4 × 5 DIN 85 k (to fasten bracket to fuel tank)	4	
—	—	spring washer A 4 DIN 137 k	4	
383	616 z 248-0	knee pad, left-hand	1	
—	616 z 249-0	knee pad, right-hand	1	
384	1146 z 54	front rubber plate	1	
385	1126 z 2	supporting bolt	1	
386	1126 z 3	supporting bolt	3	
—	1301 z 662	compensating shim	as required	
387	1146 z 55	rear rubber plate	1	
388	616 z 210	rubber sleeve	1	
389	—	hose clip "Beru" WSN 5	1	
390	—	hose band "Beru" 5 × 300 mm	1	
		Fuel Tap		
391	6010 z 165-0	fuel tap	1	
—	2303 k 4-0	toggle (to fuel tap)	1	
—	—	cylindrical screw M 5 × 40 DIN 84 (to toggle)	1	
392	—	packing washer A 10 × 14 DIN 7603	1	
393	1001 z 55	nut	1	
		Fuel Pipes		
394	—	fuel hose A 5 × 9 × 100 DIN 73 379	1	

Illustration 18, Group R: h) Exhaust Set

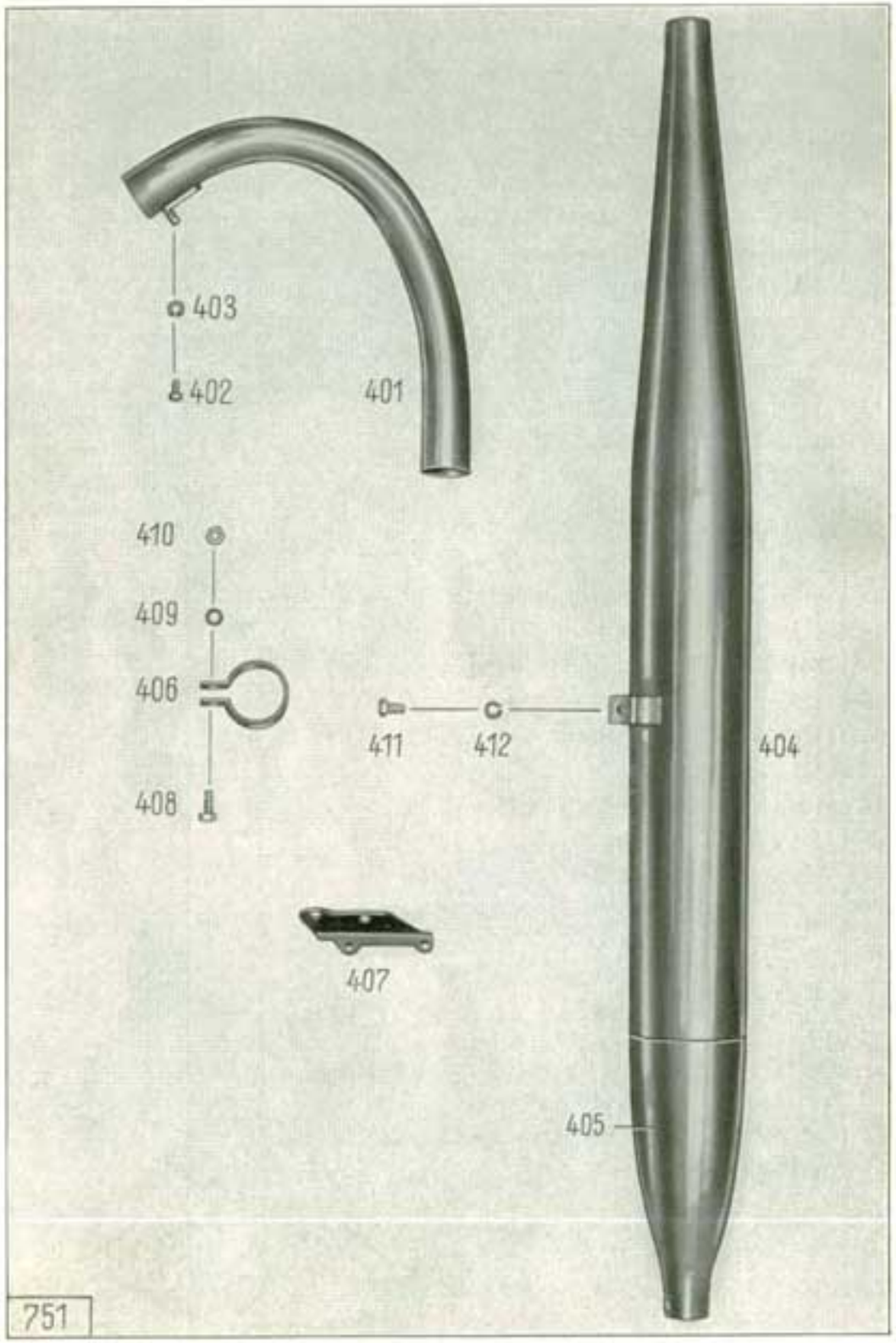
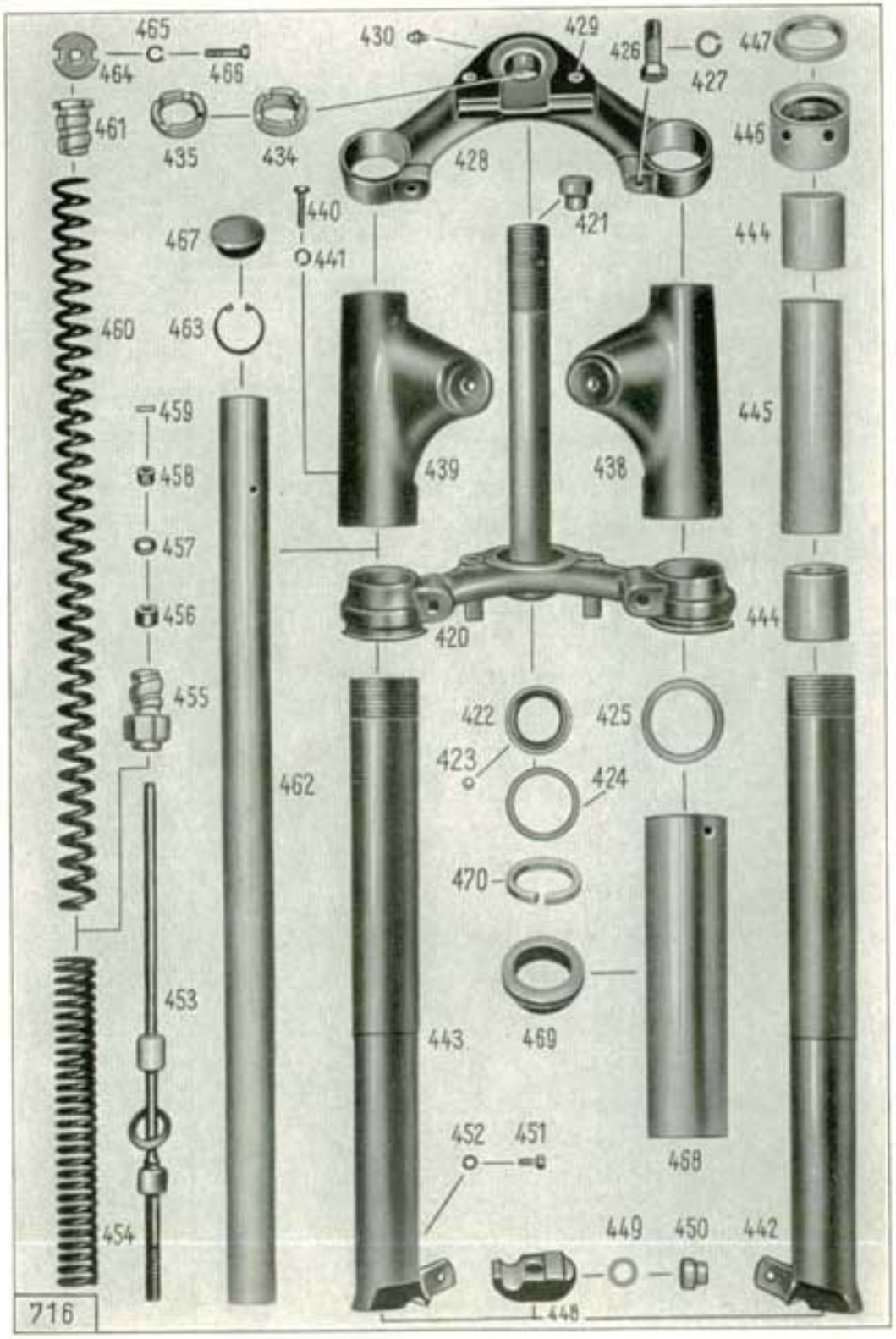


Illustration 18, Group R: h) Exhaust Set

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Exhaust Set		
401	1350 z 152-4	exhaust pipe	1	
402	—	hex screw AM 6 × 12 DIN 933 k (to fasten exhaust pipe to cylinder)	1	
403	—	spring washer A 6 DIN 127 k	1	
—	6030 z 325-4	silencer	1	up to F. 895799
404	6030 z 332-4	silencer	1	from F. 895800
405	2271 k 14-4	silencer-end piece	1	
406	1441 z 301-2	clamp (to fasten silencer to exhaust pipe)	1	
407	1140 z 1265-8	bracket	1	from F. 895800
—	—	hex screw (to clamp) M 8 × 18 DIN 933 k	1	up to F. 895799
408	—	hex screw M 8 × 20 DIN 933 k (to fasten clamp to bracket)	1	from F. 895800
409	—	spring washer A 8 DIN 127 k	2	
410	—	hex nut M 8 DIN 934 k	1	
411	—	hex screw M 8 × 15 DIN 933 k (to fasten silencer to bracing tube)	1	
412	—	spring washer A 8 DIN 127 k	1	



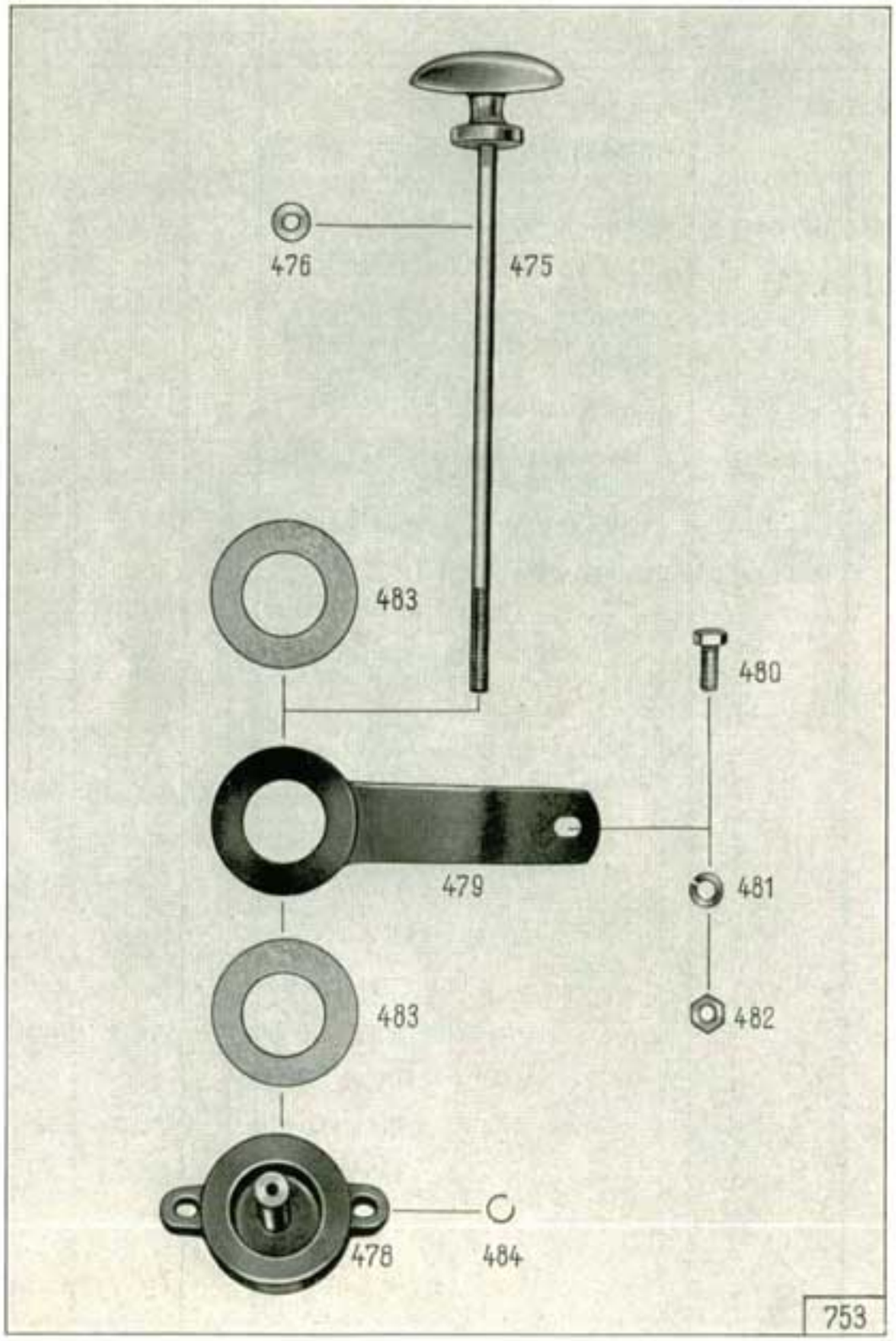
Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Front Fork		
—	6810 z 220-0	front fork with steering damper ..	1	
		Front Fork Suspension		
420	1210 z 153-8	lower fork connecting member (with fork shank)	1	
—	121 z 457	guide bolt	2	
421	616 z 262-0	rubber sleeve (to steering damper)	1	
422	1871 z 156	fork race	1	
423	—	ball 6 mm III DIN 5401	18	
424	1236 z 04	felt ring	1	
425	1236 z 209	rubber ring (to lower fork connecting member)	2	
426	—	hex screw M 10 × 30 DIN 931 k (to fasten fork tubes in fork connecting member)	2	
427	—	spring washer A 10 DIN 127 k	2	
428	1201 z 314-8	upper fork connecting member ..	1	
430	1080 z 1	grease nipple (in upper fork connecting member)	1	
422	1871 z 156	fork race	1	
423	—	ball 6 mm III DIN 5401	18	
424	1236 z 04	felt ring	1	
434	1011 z 204-3	slot nut, tapered (to fasten fork connecting members to frame)..	1	
435	1011 z 89	slot nut	1	
426	—	hex screw M 10 × 30 DIN 931 k (to fasten fork tubes in fork connecting member)	2	
427	—	spring washer A 10 DIN 127 k	2	
438	630 z 476-8	headlight carrier, left-hand	1	
439	630 z 477-8	headlight carrier, right-hand	1	
440	—	hex screw M 6 × 20 DIN 931a (to fasten headlight carrier to fork connecting member)	2	
441	—	spring washer A 6 DIN 127 k	2	

Illustration 19, Group R: i) Front Fork, Fork Legs

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Fork Legs		
442	200 z 103-8	fork guide tube, left-hand	1	
443	200 z 104-8	fork guide tube, right-hand	1	
444	180 z 16	sliding bushing (to fork guide tubes)	4	
445	1333 z 59-0	spacer tube (to fork guide tubes)	2	
446	171 z 158	threaded bushing (on fork guide tubes)	2	
447	6860 z 81	packing washer (in threaded bushing)	2	
448	200 z 105-8	shoe (to fasten front wheel axle)..	2	
449	—	spring washer B 10 DIN 137 k	4	
450	1001 z 118	collar nut (to hex screw)	2	
451	—	hex screw M 6 × 12 DIN 933 k (oil draining screw)	2	
452	—	packing washer A 6 × 10 DIN 7603 Alu	2	
453	1650 k 119-0	guide rod	2	
454	321 z 271	pressure spring, short	2	
455	633 z 7	spring carrier (to guide rod)	2	
456	1236 z 208	rubber ring (to guide rod)	2	
457	—	washer 8,4 DIN 433	2	
458	1231 z 201	fixing ring (to guide rod)	2	
459	—	pin 3 × 12 DIN 1473 (to fixing ring)	2	
460	321 z 272	pressure spring, long	2	
461	633 z 6	spring carrier (to long pressure spring)	2	

Illustration 19, Group R: i) Front Fork, Fork Legs

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
462	1331 z 832-4	fork tube	2	
463	—	circlip 30 × 1,2 DIN 472 (in fork tube)	2	
464	1301 z 361	washer (to spring carrier)	2	
465	—	spring washer A 6 DIN 127 k	2	
466	—	cylindrical screw M 6 × 25 DIN 84 (to fasten spring carrier in fork tube)	2	
467	616 z 78	plug (to fork tube)	2	
468	1331 z 717	protective sleeve (to lower fork connecting member)	2	
469	1236 z 210	rubber ring (in protective sleeve)	2	
470	1396 z 242-0	profile rubber	2	



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Steering Damper		
475	590 z 108-0	handle with bolt	1	
476	—	spring washer A 8 DIN 137 k	4	
478	631 z 242	spanner piece	1	
479	631 z 606-2	spanner plate	1	
480	—	hex screw M 8 × 25 DIN 933 k (to fasten spanner plate to frame)	1	
481	—	spring washer A 8 DIN 127 k	1	
482	—	hex nut M 8 DIN 934 k	1	
483	1289 z 15	damper washer	2	
484	—	snap ring 10 DIN 9045 (on guide bolt)	2	

Illustration 21, Group R: k) Handlebar and Handlevers with Cables

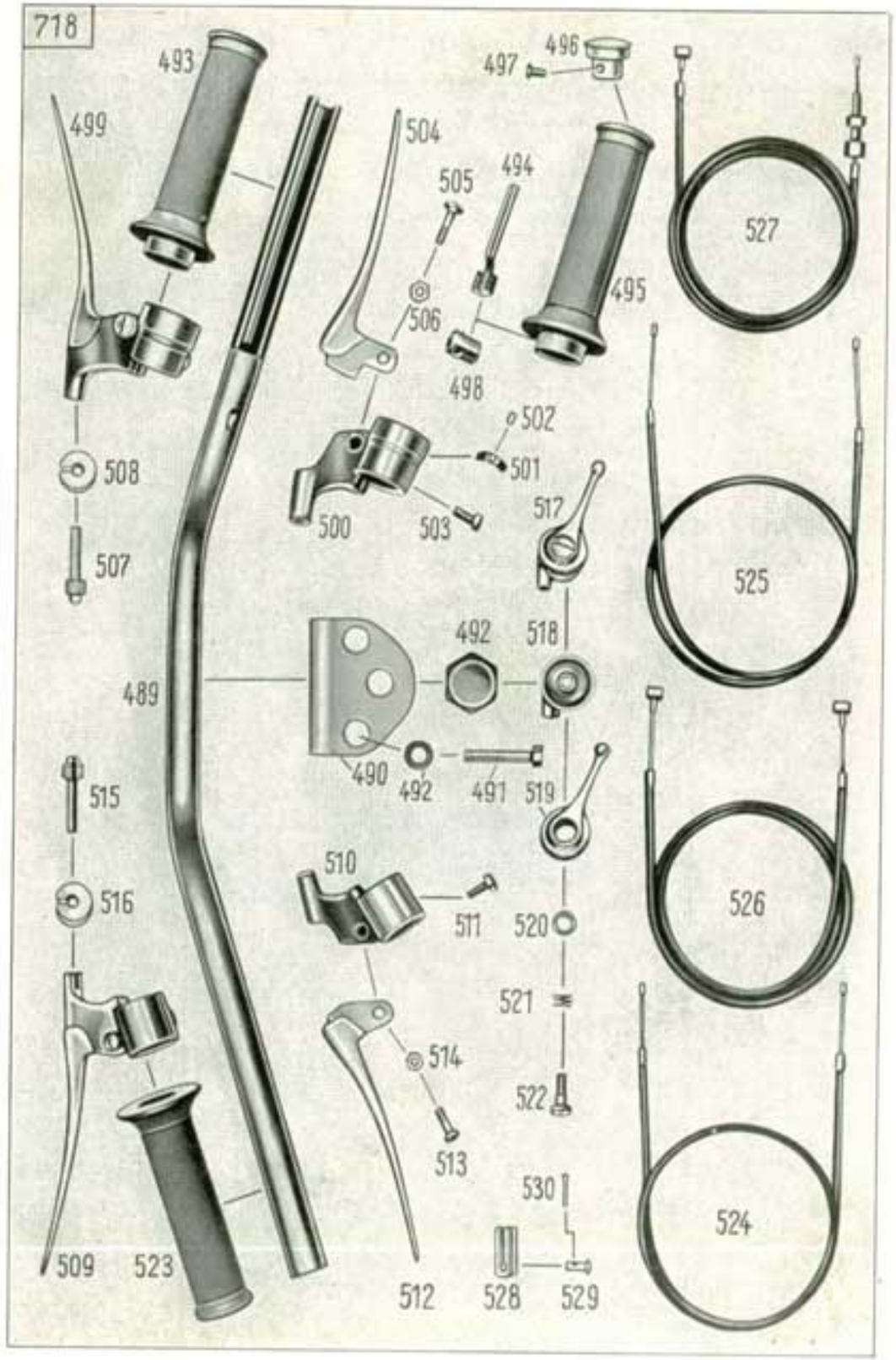
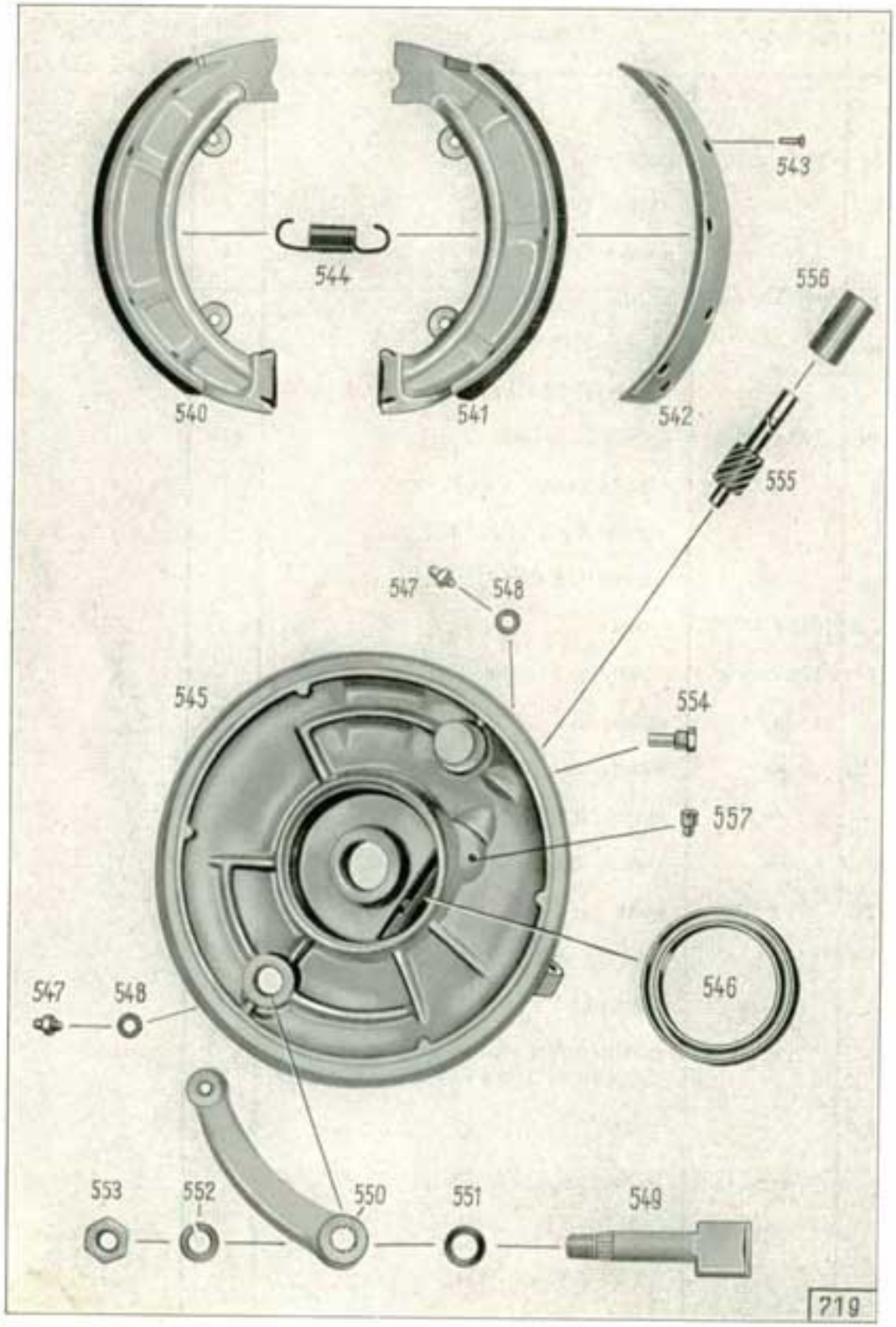


Illustration 21, Group R: k) Handlebar and Handlevers with Cables

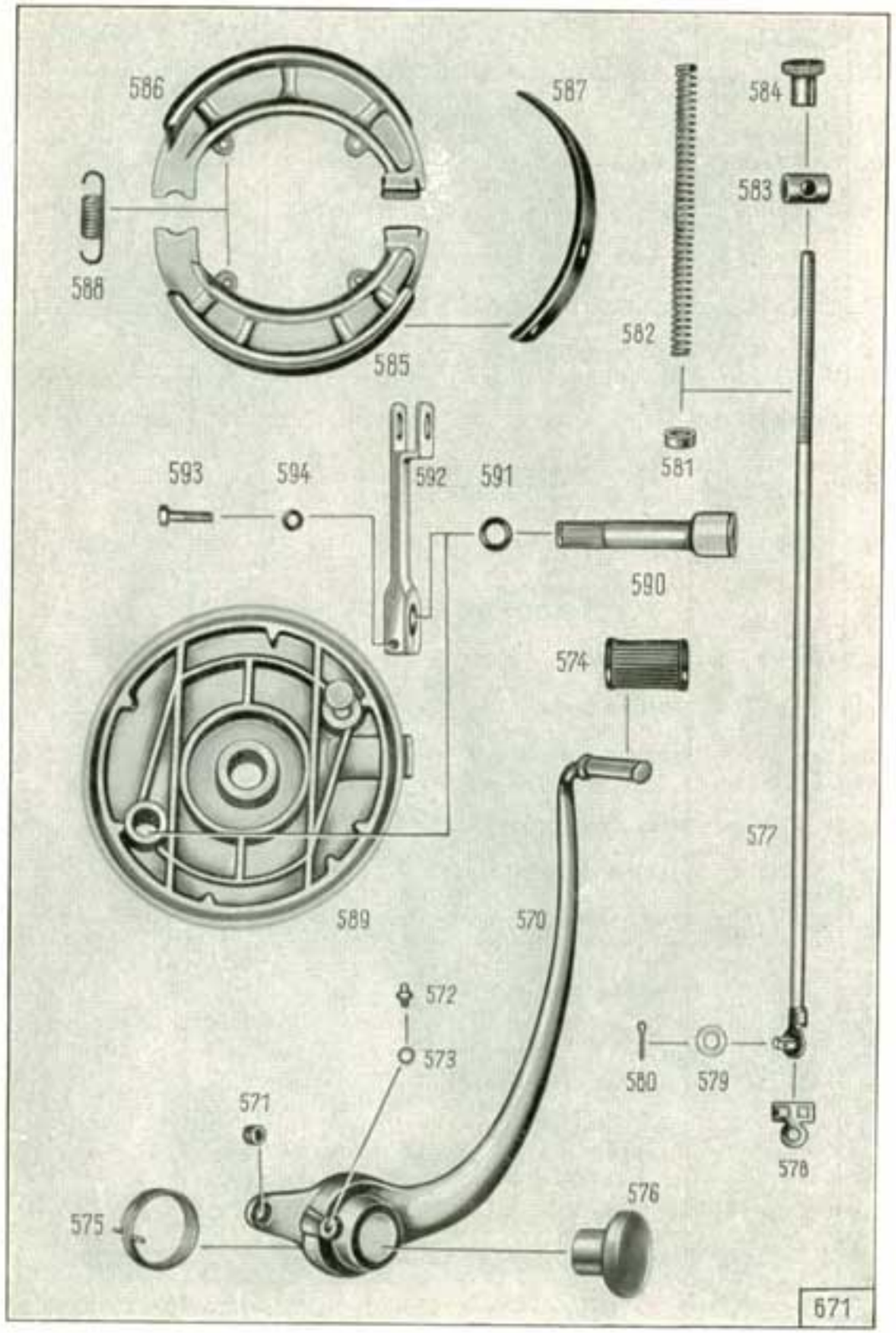
Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Handlebar		
489	1371 z 159-4	handlebar	1	
490	783 z 20	handlebar clamp	1	
491	—	hex screw M 8 × 40 DIN 931 crp (to handlebar clamp)	2	
492	—	spring washer A 8 DIN 137 k	4	
		Handlevers		
493	170 z 218	throttle twist grip	1	colour of rubber = grey
494	2253 k 7-0	sliding block	1	
495	2250 k 7-0	grip tube with rubber	1	
—	2256 k 5-0	rubber sleeve	1	colour of rubber = grey
496	2251 k 5-0	lock cap	1	
497	—	screw, countersunk raised head, AM 5 × 10 DIN 91 k	1	
498	2253 k 3-0	cable support	1	
499	670 z 211	brake lever with cable adjustment	1	
500	2263 k 5-0	joining piece	1	
501	2261 k 2-0	brake spring	1	
502	2261 k 3-3	adjusting screw	1	
503	2261 k 4-3	screw, fillister head (to joining piece)	1	
504	2263 k 6-0	brake lever	1	
505	2261 k 5-5	lever screw	1	
506	—	hex nut M 6 DIN 934 crp	1	
507	2261 k 6-5	adjusting screw	1	
508	2263 k 7-0	knurled edge nut	1	
509	670 z 213	clutch lever with cable adjustment	1	
510	2263 k 1-0	joining piece	1	
511	2261 k 4-3	screw, fillister head (to joining piece)	1	
512	2263 k 8-0	clutch lever	1	
513	2261 k 7-3	lever screw	1	
514	—	hex nut M 5 DIN 934 crp	1	
515	2261 k 6-5	adjusting screw	1	
516	2263 k 7-0	knurled edge nut	1	
517	670 z 226-0	air lever	1	
518	2263 k 29-0	housing	1	
519	2263 k 28-4	air lever	1	
520	2263 k 27-0	washer	1	
521	2261 k 23-0	pressure spring	1	
522	2261 k 21-4	screw, fillister head	1	
523	616 z 232	grip	1	colour of rubber = grey

Illustration 21, Group R: k) Handlebar and Handlevers with Cables

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Cables		
524	6290 k 435-0	cable for carburettor	1	
—	—	nipple C DIN 71 988	2	
—	—	sleeve C 2,5 DIN 71 987	2	
525	6290 z 434-0	cable for air lever	1	
—	—	nipple C DIN 71 988	2	
—	—	sleeve C 2,5 DIN 71 987	2	
526	6290 z 429-0	cable for clutch	1	
—	—	nipple seat A DIN 71 988	2	
—	—	nipple B 2,3 DIN 71 988	2	
—	—	sleeve C 3 DIN 71 987	2	
—	1063 z 7-0	nipple	1	
527	6290 k 433-0	cable for frontbrake	1	
—	144 z 04	cable end	1	
—	—	nipple seat A DIN 71 988	1	
—	—	nipple B 2,3 DIN 71 988	1	
—	—	sleeve C 3 DIN 71 987	2	
528	551 z 108	yoke	1	
529	131 z 516	bolt (to yoke)	1	
530	—	split pin 1,5 × 15 DIN 94	1	
—	1391 z 168	cable band (to fasten frontbrake cable to speedometer cable)	2	



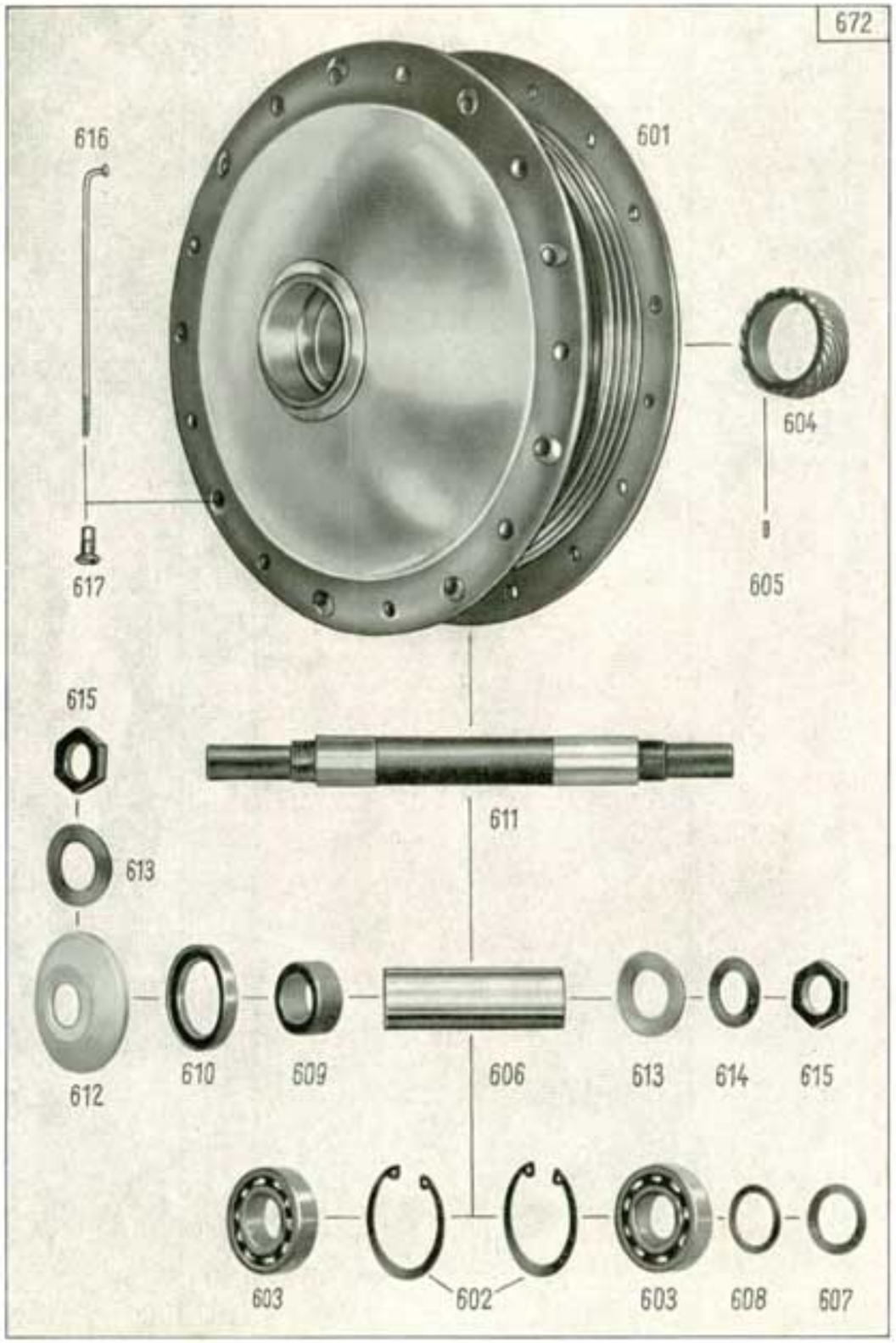
Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Handbrake		
540	20 k 102	brake shoe with lining, left-hand ..	1	
541	20 k 103	brake shoe with lining, right-hand .	1	
542	49 z 103	brake lining	2	
543	1044 z 11	cylindrical rivet	14	
544	321 z 310	return spring (between brake shoes)	2	
545	230 z 228-0	brake cover	1	
546	—	radial gasket (oil seal) A 50 × 65 DIN 6503	1	
547	1080 z 1	grease nipple	2	
548	—	packing washer A 6 × 10 DIN 7603 Alu	2	
549	1100 z 8	brake cam	1	
550	671 z 324	brake lever	1	
551	1236 z 06	rubber sleeve (between brake lever and brake cover)	1	
552	—	spring washer A 10 DIN 127 k	1	
553	—	hex nut M 10 DIN 934 k	1	
554	1551 z 17	hex screw (to fasten speedometer cable to brake cover)	1	
—	—	washer 8,4 DIN 433 k	1	
555	2121 z 6	screw pinion	1	
556	182 z 301	bushing (to screw pinion)	1	
557	—	pin (with thread) M 6 × 4 × 2,5 DIN 926 (to fasten bushing in brake cover)	1	



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Footbrake		
570	700 z 120	footbrake lever	1	from F. 892204 to F. 893864
571	181 z 332	bushing (in footbrake lever)	1	
—	700 z 123-0	footbrake lever	1	from F. 893865
—	181 z 361-0	bushing (in footbrake lever)	1	
572	1080 z 1	grease nipple	1	
573	—	packing washer A 6 × 10 DIN 7603	1	
574	—	rubber sleeve B DIN 73 483	1	
575	321 z 532	return spring	1	
576	—	lock screw M 20 × 1,5 DIN 908 k	1	
—	1301 z 1008-0	spacer washer	1	
577	1650 k 117-0	footbrake rod with stop clamp	1	from F. 892204 to F. 893864
578	1111 z 03	stop clamp	1	
579	—	washer 8,4 DIN 125 k	1	
—	1650 z 120-0	footbrake rod with stop clamp	1	from F. 893865
—	1441 z 308-2	stop clamp	1	
—	—	washer 7,4 DIN 125 k	1	
580	—	split pin 2 × 15 DIN 94 k	1	
581	1241 z 306	ring	1	from F. 892204 to F. 893864
—	1241 z 358-3	ring	1	from F. 893865
582	321 z 512	spiral spring	1	
583	121 z 1010	brake lever bolt	1	
584	1023 z 101	knurled edge nut (to fasten brake rod to rear brake lever)	1	from F. 892204 to F. 893864
—	121 z 1117-3	brake lever bolt	1	
—	1023 z 102-0	knurled edge nut (to fasten brake rod to rear brake lever)	1	from F. 893865
585	20 k 102	brake shoe with lining, left-h.	1	
586	20 k 103	brake shoe with lining, right-h.	1	
587	49 z 103	brake lining	2	
—	1044 z 11	cylindrical rivet	14	
588	321 z 310	return spring (between brake shoes)	2	
589	230 z 229-0	brake cover	1	

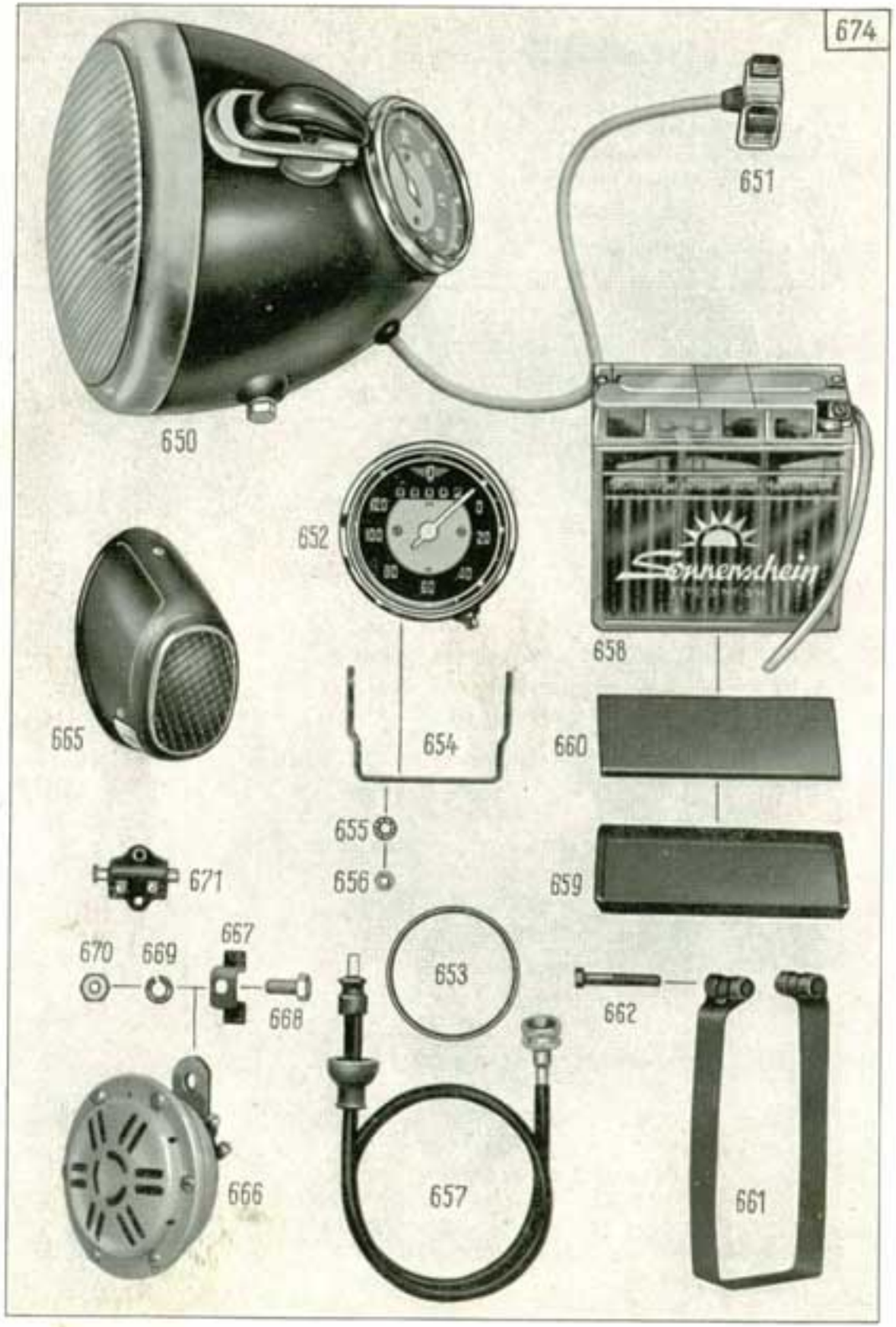
Illustration 23, Group B: a) Brakes, Footbrake

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
—	—	hex screw M 6 × 55 DIN 933 k (for chain tightening at right-hand side in brake cover)	1	
—	—	hex nut M 6 DIN 934 k	1	
—	1080 z 1	grease nipple	1	
—	—	packing washer A 6 × 10 DIN 7603 Alu	1	
590	1100 z 105	brake cam	1	
591	1236 z 06	packing washer (on brake cam) ..	1	
592	671 z 337-3	brake lever	1	
593	—	hex screw M 6 × 20 DIN 931 k (to fasten brake lever to brake cam)	1	
594	—	spring washer A 6 DIN 127 k	1	



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Front Wheel		
—	6660 k 209-0	front wheel without tyre	1	
—	6620 z 206-0	front wheel hub	1	
601	483 z 312-0	hub shell	1	
602	—	circlip 42 × 1,75 DIN 472	2	
603	—	ball bearing 6004 DIN 625	2	
604	2121 z 73-0	screw gear	1	
605	—	pin 3 × 6 DIN 1473 (to fasten screw gear in hub shell)	1	
606	1331 z 826-0	distance tube	1	
607	1301 z 1021-0	distance washer (side of brake cover)	1	
608	1301 z 181	compensating shim, thickness 0,8 mm (between distance washer and front brake cover)	as required	
609	181 z 334-6	distance bushing	1	
610	—	radial gasket (oil seal) A 30 × 42 DIN 6503	1	
611	121 z 1089-2	front wheel axle	1	
612	781 z 415-3	covering washer (left-hand side)	1	
613	—	spring washer B 18 DIN 137 k	2	
614	1301 z 376	shim	as required	
—	1301 z 377	shim between spring washer and distance nut, right-hand side	as required	
615	1001 z 67	distance nut	2	
—	361 z 102-4	rim	1	
616	401 z 204-3	spoke 4 × 105 mm	36	
617	411 z 101-3	nipple	36	

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Rear Wheel		
—	6660 k 208-0	rear wheel without tyre	1	
—	6620 k 205-0	rear wheel hub	1	
625	483 z 313-0	hub shell	1	
626	—	circlip 42 × 1,75 DIN 472	2	
627	—	ball bearing 6004 DIN 625	2	
628	121 z 1090-6	axle tube	1	
629	1301 z 1008-3	distance washer (side of brake cover)	1	
630	181 z 333-0	distance bushing (side of toothed wheel rim)	1	
631	—	radial gasket (oil seal) A 30 × 42 DIN 6503	2	
632	1001 z 215	hex nut (to fasten brake cover to hub shell)	1	
—	361 z 102-4	rim	1	
—	401 z 204-3	spoke 4 × 105 mm	36	
—	411 z 101-3	nipple	36	
633	2071 z 216-2	toothed wheel rim, 44 teeth	1	for solowork
634	181 z 335-2	retaining bushing	1	
635	—	circlip 28 × 1,5 DIN 471	1	
—	1281 z 32	washer	1	
636	1301 z 672	washer	1	
637	—	circlip 20 × 1,2 DIN 471	1	
638	1551 z 429	square screw (to fasten toothed wheel rim to rear wheel)	3	
639	1110 k 201	chain tightener, left-hand	1	
640	—	hex nut M 6 DIN 934 k	2	
641	131 z 533-3	rear wheel axle	1	
642	1241 z 352-3	distance ring	1	
—	—	washer 15 DIN 125 k	1	
643	—	hex nut M 14 × 1,5 DIN 936 k (to rear wheel axle)	1	
—	—	roller chain, 116 links incl. lock 1 × 12,7 × 7,75 DIN 8180	1	
—	—	cranked double link 1 D 12,7 × 7,75 DIN 8180	1	
—	—	lock 1 E 12,7 × 7,75 DIN 8180	1	



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Headlight		
650	6090 z 112-8	headlight complete with dip switch, ignition key, without bulbs, speedometer, and conducts	1	
—	2310 k 32-8	headlight housing	1	
—	2316 k 3-0	plug (for speedometer cable passage which is, however, not used)	1	
—	2310 k 14-0	reflector	1	
—	2311 k 30-4	lock rim with screw	1	
—	2317 k 3-0	headlight glass	1	
—	2316 k 4-0	sealing ring (to headlight glass) ..	1	
—	2311 k 39-3	retaining spring (to headlight glass)	6	
—	2310 k 53-0	ignition-light switch	1	
—	2310 k 55-0	retaining clip (to ignition-light switch)	1	
—	2340 k 5-0	ignition-light switch cover	1	
—	2311 k 37-4	distance screw, short	1	
—	2311 k 38-4	distance screw, long	1	
—	2310 z 33-0	ignition key	1	
—	—	rubber grommet A DIN 72 613 (for conduct guide)	2	
—	2310 k 18-5	holder (to Bilux bulb)	1	
—	2311 k 23-3	return spring (to holder)	1	
651	6160 z 166	dip switch (on handlebar)	1	
—	2340 k 4-0	set of cables, 4 lines (from dip switch to headlight)	1	
—	2346 k 1-0	rubber grommet (to set of cables)	1	
—	—	Bilux bulb B 6 V 35/35 W DIN 72 601	1	Osram 7324

Illustration 26, Group E: a) Electrical Equipment, Headlight Speedometer

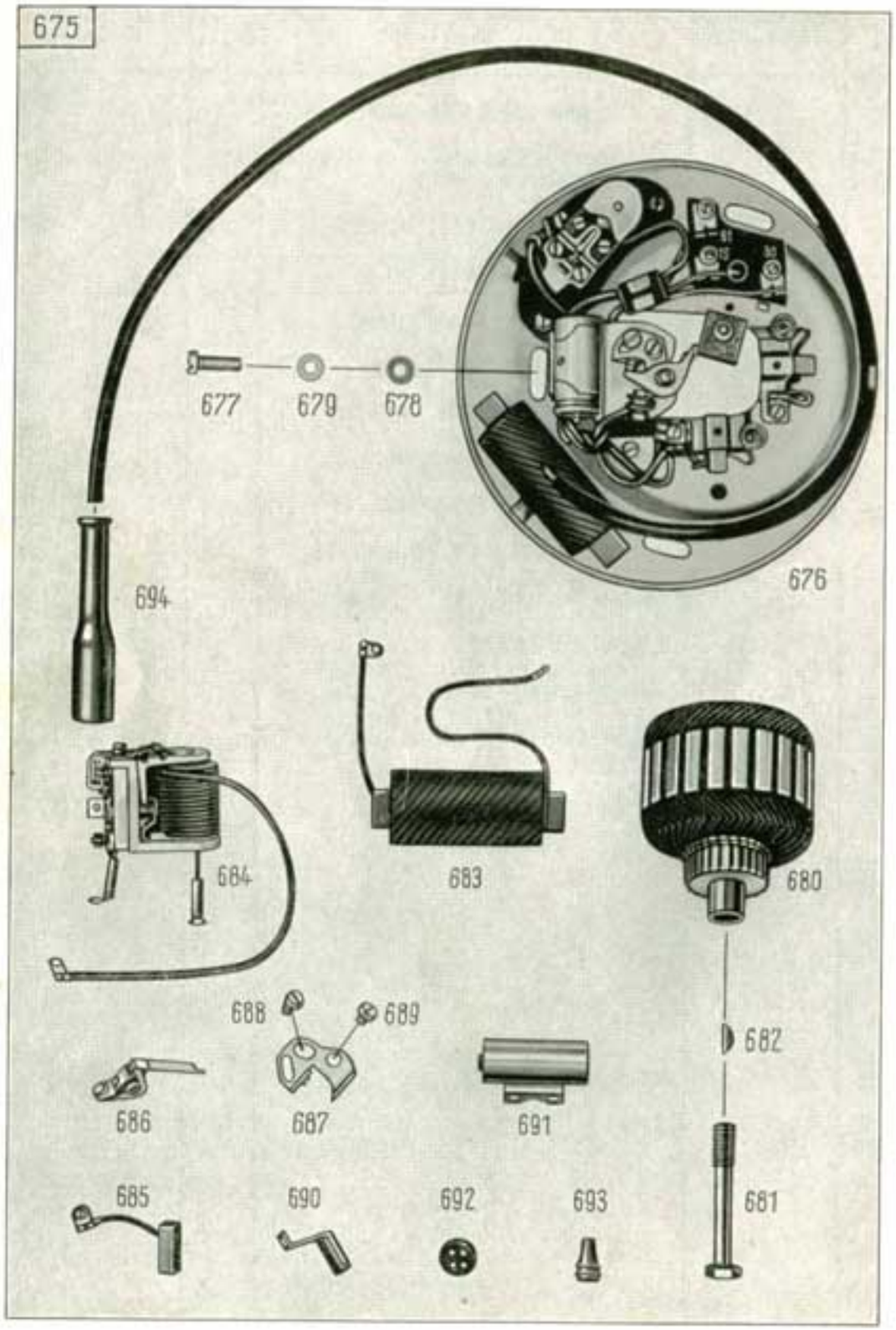
Key No.	Spare Part No.	Description	No. of Pieces	Remarks
—	—	parking light bulb H 6 V 2 W DIN 72 601	1	Osram 3895
—	—	charge control bulb J 6 V 1,2 W DIN 72 601	1	Osram 3799
—	—	hex screw M 8 × 22 DIN 931 k (to fasten headlight to headlight carrier)	2	
—	—	spring washer A 8 DIN 127 k	2	
		Speedometer		
652	6770 z 54-0	speedometer with lighting incorporated (make VDO)	1	
—	6770 z 56-0	speedometer (VDO) indicating miles	1	
653	2426 k 1-0	rubber ring	1	
—	2424 k 2-0	bulb holder	1	
—	—	bulb J 6 V 1,2 W DIN 72 601	1	Osram 3799
654	2421 k 3-2	retaining clip	1	
655	—	shake-proof (toothed) washer A 5,3 DIN 6797	2	
656	—	hex nut M 5 DIN 934 k	2	
—	6770 z 55-0	speedometer with lighting incorporated (make Veigel)	1	
—	2426 k 1-0	rubber ring	1	
—	2424 k 1-0	bulb holder	1	
—	—	bulb J 6 V 1,2 W DIN 72 601	1	Osram 3799
—	2421 k 2-3	fixing angle	2	
—	—	hex nut M 4 DIN 934	2	
—	—	shake-proof (toothed) washer A 4,3 DIN 6797	2	
657	6790 z 104-0	cable for drive	1	
—	—	rubber grommet D DIN 72 613 (to headlight)	1	
—	1806 z 36	rubber grommet (to front wheel hub)	1	

Illustration 26, Group E: a) Electrical Equipment, Battery, Taillight Horn, Brakelight Pressure Switch

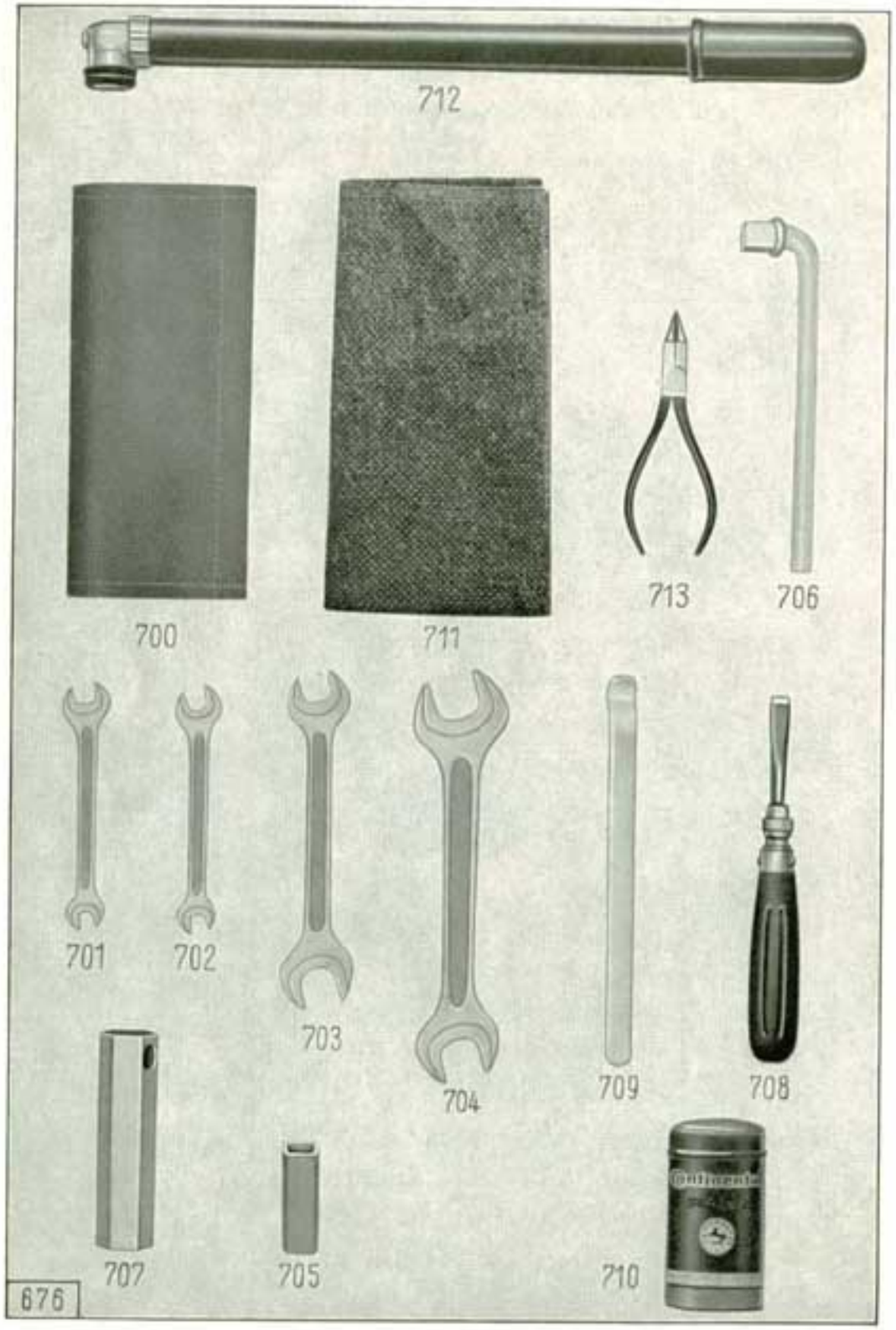
Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Battery		
658	6060 z 103-0	battery (terminals inside) 6 V 8 Ah L	1	
659	1146 k 60	battery base	1	
660	1146 z 74	battery support	1	
661	1391 z 165	tie	1	
—	1331 z 807	spacer tube (to jockey pulley)	1	at option
—	1331 z 804	spacer tube (to jockey pulley)	1	at option
—	1401 z 02	jockey pulley	1	
—	1401 z 01	jockey pulley	1	
662	—	cylindrical screw CM 6 × 40 DIN 84 (to jockey pulley)	1	
		Taillight		
665	6110 z 48-8	brake-tail-number plate light	1	
—	2320 k 2-8	cap	1	
—	1146 z 81	rubber plate	1	
—	2320 k 3-0	glass (to cap)	1	
—	—	bulb K 6 V 15 W DIN 72 601 (for brake light)	1	Osram 6452
—	—	bulb M 6 V 3 W DIN 72 601 (for tail-number plate light)	1	Osram 6427
—	—	screw, button head, AM 5 × 15 DIN 86 k	2	
—	—	shake-proof (toothed) washer J 5,3 DIN 6798 K	2	
—	—	hex nut M 5 DIN 934 k	2	
		Horn		
666	6130 z 20-8	horn	1	
667	2051 z 559-2	bracket	1	
668	—	hex screw M 8 × 22 DIN 933 k (to fasten horn to retaining clip)	1	
669	—	spring washer A 8 DIN 127 k	1	
670	—	hex nut M 8 DIN 934 k	1	
		Brakelight Pressure Switch		
671	6160 z 158	brakelight pressure switch	1	
—	—	cylindrical screw AM 4 × 15 DIN 84 k (to fasten switch to frame)	2	
—	—	shake-proof (toothed) washer A 4,3 DIN 6797 k	2	
—	—	washer 4,3 DIN 125 k	2	
—	—	hex nut M 4 DIN 934 k	2	

Illustration 26, Group E: a) Electrical Equipment, Conducts

Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Electrical Conducts		
		Please order cables and sleeves resp. hoses by meters		
—	—	cable B 1,5 DIN 72 551 black		
—	—	cable B 1,5 DIN 72 551 blue		
—	—	cable B 1,5 DIN 72 551 green		
—	—	cable B 1,5 DIN 72 551 red		
—	—	cable B 1,5 DIN 72 551 yellow		
—	760 z 259-0	set of cables (for headlight)	1	
—	—	cable shoe A 5 × 3 DIN 46 211	4	
—	—	cable shoe A 6 × 3,3 DIN 46 211 ..	1	
—	—	rubber hose 10 × 8		
—	—	rubber hose 12 × 10		
—	—	rubber hose 14 × 12		
—	—	rubber hose 14 × 10		



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Battery-Lighting-Ignition Set		
676	6070 z 209-0	generator, model Noris MLZn 60/6/1600 R	1	
677	—	cylindrical screw AM 6 × 18 DIN 84 k (to fasten generator to crankcase)	3	
678	—	washer 6,4 DIN 125 k	3	
679	—	spring washer B 6 DIN 137 k	3	
680	2290 k 38-0	armature	1	
681	2291 k 19-2	hex screw (to fasten armature to crankshaft)	1	
682	—	key 4 × 5 DIN 6888 (to armature)	1	
683	2290 k 22-0	ignition coil without ignition cable	1	
684	2290 k 29-0	regulator	1	
—	2299 k 1-0	regulator plate	1	
685	2290 k 3-0	carbon brush with cable	2	
686	2290 k 30-6	contact breaker arm with contact	1	
687	2290 k 31-0	contact bracket	1	
688	2291 k 26-3	excentric screw	1	
689	—	cylindrical screw M 4 × 6 DIN 84 k	1	
690	2290 k 6-0	laminated spring with felt	1	
691	2290 k 7-3	condenser	1	
692	2296 k 8	rubber grommet (for light cable)	1	
693	2296 k 6-0	rubber grommet (for ignition cable)	1	
—	616 z 241	rubber grommet (for set of cables)	1	
—	—	ignition cable 7 mm ⌀ × 0,82 mm² DIN 72 561 (please quote length when ordering)	1	
—	1441 z 295	clamp (to ignition cable)	1	
694	6080 k 103	spark plug cover (make Bosch)	1	
—	6080 k 104	spark plug cover (make Beru)	1	
—	—	spark plug with packing washer 14 DIN 72 502	1	Bosch W 240 P 11 S or Beru 240/14 u 2



Key No.	Spare Part No.	Description	No. of Pieces	Remarks
		Tools		
—	6890 k 42-0	toolbag with set of tools	1	
700	6040 z 263	toolbag	1	
701	—	double end spanner 7 × 9 mm DIN 895 k	1	
702	—	double end spanner 8 × 10 mm DIN 895 k	1	
703	—	double end spanner 14 × 17 mm DIN 895 k	1	
704	—	double end spanner 19 × 22 mm DIN 895 k	1	
705	2021 z 54	square socket wrench, opening 12 mm SW	1	
706	2021 z 57	square socket wrench	1	
707	2020 z 15	socket wrench, opening 21 mm SW	1	
708	2009 z 102	double screwdriver (exchangeable)	1	
709	2001 z 01	tyre lever	2	
710	6040 k 269	box with rubber repairing material	1	obtainable on the market
711	2208 k 12	cleaning cloth	1	
712	6040 z 255	air pump	1	
713	—	pliers (combined pliers, smooth) 160 DIN 5244	1	
—	1596 z 401	cover for repairing box	1	
—	6040 z 271	antitheft lock (up to F. 893 129 as well as F. 893 131, 132, 154, 156, 160, 183)	1	see also our Technical Bulletins No. 25
—	6040 z 278	antitheft lock (from F. 893 130 excluding F. 893 131, 132, 154, 156, 160, 183)	1	