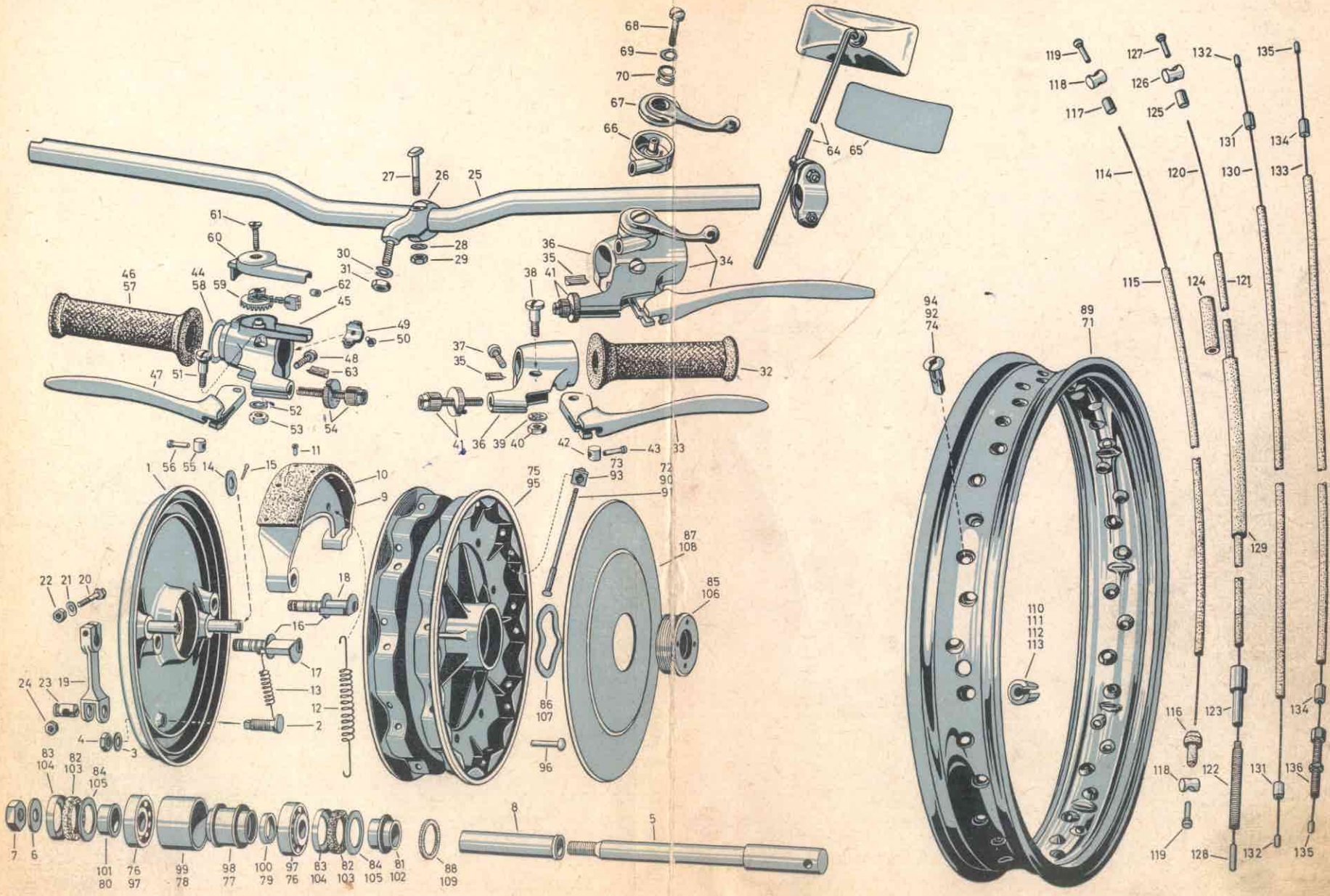


20 = {
Front Wheel Brake
Handlebars
Wheels
Cables

Table 6

20 = Front Wheel Brake / Handlebars / Wheels / Cables **Table 6**
R 50 • R 50 S • R 60 • R 69 S



Ordering No.	Call-out No.	Description of Part	Qty.				
			R 50 60	R 50/2 60/2	R 50 S	R 69	R 69 S
Front Wheel Brake							
20 60 214	1	Front wheel brake holder	1	1	1	1	1
20 60 167	2	Adjuster pin	1	1	1	1	1
10 80 108	3	Flat washer	1	1	1	1	1
99 21 605	4	Hex. nut M 8×1—6 S cad.	1	1	1	1	1
20 60 227	5	Axle	1	1	1	1	1
99 31 089	6	Flat washer 15 cad.	1	1	1	1	1
99 22 155	7	Hex. nut M 14×1.5—6 S chrome plated	1	1	1	1	1
20 60 174	8	Axle bushing	1	1	1	1	1
20 60 202	9	Brake shoe	2	2	2	2	2
20 60 230	10	Brake lining	2	—	—	2	—
20 60 235	10	Brake lining	—	2	2	—	2
20 00 196	11	Copper rivet	18	18	18	18	18
Brake shoe and brake lever operation							
20 60 237	12	Brake shoe return spring, front	1	1	1	1	1
20 60 239	12	Brake shoe return spring, rear	1	1	1	1	1
20 60 277	13	Draw spring	1	1	1	1	1
20 60 269	14	Flat washer	4	4	4	4	4
99 45 110	15	Cotter pin, 2×20	2	2	2	2	2
20 60 259	16	Flat washer	2	2	2	2	2
20 60 206	17	Brake cam, front	1	1	1	1	1
20 60 207	18	Brake cam, rear	1	1	1	1	1
20 60 210	19	Brake lever	2	2	2	2	2
99 12 266	20	Hex.-head screw M 6—28—8 G pho.black. ..	2	2	2	2	2
99 32 071	21	Spring washer B 6	2	2	2	2	2
99 22 054	22	Hex. nut M 6—6 S pho.black.	2	2	2	2	2
Parts for mounting hand brake cable on lever							
20 60 182	23	Screw (on brake lever top and bottom)	2	2	2	2	2
20 60 178	24	Hex. nut	1	1	1	1	1

Ordering No.	Call-out No.	Description of Part	Qty.				
			R 50 60	R 50/2 60/2	R 50 S	R 69	R 69 S
Handlebars with Blinkers							
20 72 107	25	Handlebars	1	1	1	1	1
20 72 306	26	Riser	2	2	2	2	2
20 72 288	27	Locking screw	2	2	2	2	2
99 36 205	28	Toothed spring washer J 8.4 cad.	2	2	2	2	2
99 22 093	29	Hex. nut M 8×1—6 S cad.	2	2	2	2	2
Handlebars attachment to upper fork guide							
99 33 108	30	Lock washer B 10	2	2	2	2	2
99 22 121	31	Hex. nut M 10×1—6 S pho.black.	2	2	2	2	2
Handlebar Grip, left, and Clutch Lever							
20 72 197	32	Handlebar grip, left (fixed)	1	—	—	1	—
20 72 195	32	Handlebar grip, left, with blinker lights ..	—	1	1	—	1
20 72 213	33	Clutch lever with bushing	1	—	—	1	—
20 72 211	33	Clutch lever with key	1	1	1	—	1
20 72 214	33	Clutch lever	—	1	1	1	1
20 72 314	34	Clutch lever with manual ignition control lever, complete	—	—	—	1	—
20 72 223	35	Key for setting on handlebar tube	1	1	1	1	1
20 72 126	36	Clutch lever body with locking screw	1	1	1	—	1
20 72 329	36	Clutch lever body with locking screw	—	—	—	1	—
20 72 330	36	Clutch lever body	—	—	—	1	—
20 72 219	37	Locking screw for clutch lever body	1	1	1	—	1
Clutch lever attachment on body							
20 72 217	38	Clutch control lever screw	1	1	1	1	1
99 36 135	39	Star washer J 6.4	1	1	1	1	1
99 22 053	40	Hex. nut M 6 cad.	1	1	1	1	1
Clutch cable connecting parts							
20 72 221	41	Clutch cable adjuster, complete	1	1	1	1	1
99 88 505	42	Solder nipple holder	1	1	1	1	1
99 88 530	43	Solder nipple B 2.3	1	1	1	1	1
20 72 261	44	Thrust washer between body and twist grip	1	—	—	1	—

Ordering No.	Call-out No.	Description of Part	Qty.					
			R 50 60	R 50/2 60/2	R 50 S	R 69	R 69 S	
		Throttle Twist Grip, right, with Lever						
20 72 352	—	Throttle twist grip (for 2 cables), complete ..	1	—	—	1	—	
20 72 380	45	Body with clamp screw	1	—	—	1	—	
20 72 160	46	Handlebar grip, right, without hole for blinker lights	1	—	—	1	—	
20 72 253	47	Brake lever with bushing	1	1	1	1	1	
20 72 353	—	Twist grip with key (for 2 cables) for blinker lights, complete	—	1	1	—	1	
20 72 219	48	Clamp screw	—	1	1	—	1	
20 72 175	49	Switch adapter	—	1	1	—	1	
20 72 176	50	Retaining screw for switch adapter	—	1	1	—	1	
		Lever to body attachment						
20 72 217	51	Lever screw	—	1	1	—	1	
99 36 131	52	Star washer	—	1	1	—	1	
99 22 053	53	Hex. nut M 6—6 S pho.black.	—	1	1	—	1	
		Handbrake cable connecting parts						
20 72 221	54	Control cable adjuster	—	1	1	—	1	
99 88 505	55	Solder nipple holder A	—	1	1	—	1	
99 88 530	56	Solder nipple B 2.3	—	1	1	—	1	
		Twist grip actuation						
20 72 177	57	Twist grip rubber, right, with hole for blinker lights	1	1	1	1	1	
20 72 261	58	Flat washer	1	1	1	1	1	
20 72 384	59	Cam, complete	1	1	1	1	1	
20 72 382	60	Cover	1	1	1	1	1	
20 72 259	61	Retaining screw for cover	1	1	1	1	1	
99 88 550	62	Solder nipple C for throttle control cable connection	2	2	2	2	2	
20 72 223	63	Key for setting on handlebar tube	1	—	—	1	—	
20 72 295	64	Rear view mirror	1	—	—	1	—	
90 38 106	65	Glass for rear view mirror	1	—	—	1	—	

Ordering No.	Call-out No.	Description of Part	Qty.					
			R 50 60	R 50/2 60/2	R 50 S	R 69	R 69 S	
		Ignition advance lever						
20 72 471	66	Body, complete	1	—	—	1	—	
20 72 362	67	Lever, complete	1	—	—	1	—	
20 72 473	68	Retaining screw	1	—	—	1	—	
20 72 477	69	Flat washer	1	—	—	1	—	
20 72 475	70	Spring	1	—	—	1	—	
Wheels for R 50 and R 69 (R 50 from vehicle No. 556 241, R 60 up to vehicle No. 652 304)								
40 38 036	—	Wheel with bearings	2	—	—	2	—	
40 38 211	71	Aluminium rim 2.15 B×18	2	2	2	2	2	
40 38 204	72	Spoke (front and rear wheel)	80	—	—	80	—	
40 38 173	73	Spoke retainer plate	80	—	—	80	—	
99 30 065	74	Nipple M 3.5 MS, chrome plated, for spoke	80	—	—	80	—	
20 30 015	75	Hub	2	—	—	2	—	
99 85 010	76	Taper roller bearing 30 204	4	—	—	4	—	
40 38 225	77	Spacer tube	2	—	—	2	—	
40 38 229	78	Spacer bushing	2	—	—	2	—	
40 38 231	79	Spacer ring	2	—	—	2	—	
40 38 241	80	Thrust bushing, right	2	—	—	2	—	
40 38 242	81	Thrust bushing, left	2	—	—	2	—	
40 38 259	82	Felt ring	4	—	—	4	—	
40 38 255	83	Felt ring retainer	4	—	—	4	—	
40 38 267	84	Washer	4	—	—	4	—	
40 38 271	85	Cover screw	2	—	—	2	—	
40 38 263	86	Spring washer	2	—	—	2	—	
40 38 275	87	Hub cover plate	2	—	—	2	—	
40 38 156	88	Felt ring for wheel hub	2	—	—	2	—	

Ordering No.	Call-out No.	Description of Part	Qty.					
			R 50 60	R 50/2 60/2	R 50 S	R 69	R 69 S	
		Wheels for all models covered by this list (R 50 from vehicle No. 556 242, R 69 from vehicle No. 652 305)						
40 38 035	—	Wheel with bearings	2	2	2	2	2	2
40 38 213	89	Aluminium rim 2.15 B×18	2	—	—	2	—	—
40 38 111	90	Spoke (front and rear wheel)	80	—	—	80	—	—
40 38 222	91	Spoke reinforced type	80	80	80	80	80	80
99 30 070	92	Nipple for reinforced spoke	80	80	80	80	80	80
40 38 173	93	Spoke retainer plate	80	80	80	80	80	80
99 30 065	94	Nipple M 3.5 MS, chrome plated, for spoke	80	—	—	80	—	—
20 30 017	95	Wheel hub with spoke drum and dog toothing	2	2	2	2	2	2
99 47 160	96	Rivet 5×16 cad. for wheel hub	—	36	36	—	—	36
		Wheel bearings						
99 85 010	97	Taper roller bearing 30 204	4	4	4	4	4	4
40 38 225	98	Spacer tube	2	2	2	2	2	2
40 38 299	99	Spacer bushing	2	2	2	2	2	2
40 38 231	100	Spacer ring	2	2	2	2	2	2
40 38 241	101	Thrust bushing, right	2	2	2	2	2	2
40 38 242	102	Thrust bushing, left	2	2	2	2	2	2
40 38 259	103	Felt ring	4	4	4	4	4	4
40 38 255	104	Felt ring retainer	4	4	4	4	4	4
40 38 267	105	Washer	4	4	4	4	4	4
40 38 271	106	Cover screw	2	2	2	2	2	2
40 38 263	107	Spring washer	2	2	2	2	2	2
40 38 275	108	Hub cover plate	2	2	2	2	2	2
40 38 156	109	Felt ring for wheel hub	2	2	2	2	2	2
		To balance wheels as required						
40 38 296	110	Balancing weight (15 grams) for 3.5 mm. spoke	—	—	—	—	—	—
40 38 297	111	Balancing weight (10 grams) for 3.5 mm. spoke	—	—	—	—	—	—
40 38 292	112	Balancing weight (15 grams) for 4 mm. spoke	—	—	—	—	—	—
40 38 291	113	Balancing weight (10 grams) for 4 mm. spoke	—	—	—	—	—	—

Ordering No.	Call-out No.	Description of Part	Qty.				
			R 50 60	R 50/2 60/2	R 50 S	R 69	R 69 S
Control Cables							
Clutch control cable							
20 72 321	—	Clutch control cable, complete	1	1	1	1	1
99 88 215	114	Steel cable A 2 (× 1350) (deliverable only in running meters)	1	1	1	1	1
99 88 275	115	Cable housing B 3 (× 1075) (deliverable only in running meters)	1	1	1	1	1
20 72 420	116	End piece	1	1	1	1	1
99 88 330	117	Metal bushing C 3	1	1	1	1	1
99 88 505	118	Nipple holder A	2	2	2	2	2
99 88 530	119	Nipple B 2.3	2	2	2	2	2
Hand brake control cable							
20 72 345	—	Hand brake control cable, complete	1	1	1	1	1
99 88 215	120	Steel cable A 2 (× 1240) (deliverable only in running meters)	1	1	1	1	1
20 72 275	121	Cable housing B 3 (× 970) (deliverable only in running meters)	1	1	1	1	1
20 72 440	122	Threaded nipple	1	1	1	1	1
20 72 444	123	Guide bushing	1	1	1	1	1
20 72 142	124	Rubber sleeve	1	1	1	1	1
99 88 330	125	Bushing C 3	2	2	2	2	2
99 88 505	126	Nipple holder A	1	1	1	1	1
99 88 530	127	Nipple B 2.3	1	1	1	1	1
20 72 139	128	Cable nipple	1	1	1	1	1
20 72 143	129	Rubber sleeve	—	1	1	—	1
Throttle control cable							
20 72 359	—	Throttle control cable, complete	2	2	2	2	2
99 88 205	130	Steel cable A 1.6 (× 997) (deliverable only in running meters)	2	2	2	2	2
99 88 330	131	Bushing C 3	4	4	4	4	4
99 88 550	132	Nipple holder C	4	4	4	4	4

20 = Front Wheel Brake, Handlebars
Wheels, Cables

Control Cables

Table 6

Ordering No.	Call-out No.	Description of Part	Qty.					
			R 50 60	R 50/2 60/2	R 50 S	R 69	R 69 S	
		Ignition advance cable for R 69 only						
20 72 368	—	Ignition advance cable, complete	—	—	—	1	—	
99 88 205	133	Steel cable A 1.6 (× 775) (deliverable only in running meters)	—	—	—	1	—	
99 88 330	134	Bushing C 3	—	—	—	2	—	
99 88 550	135	Nipple holder C	—	—	—	2	—	
80 04 144	136	Adjuster with nut	—	—	—	1	—	