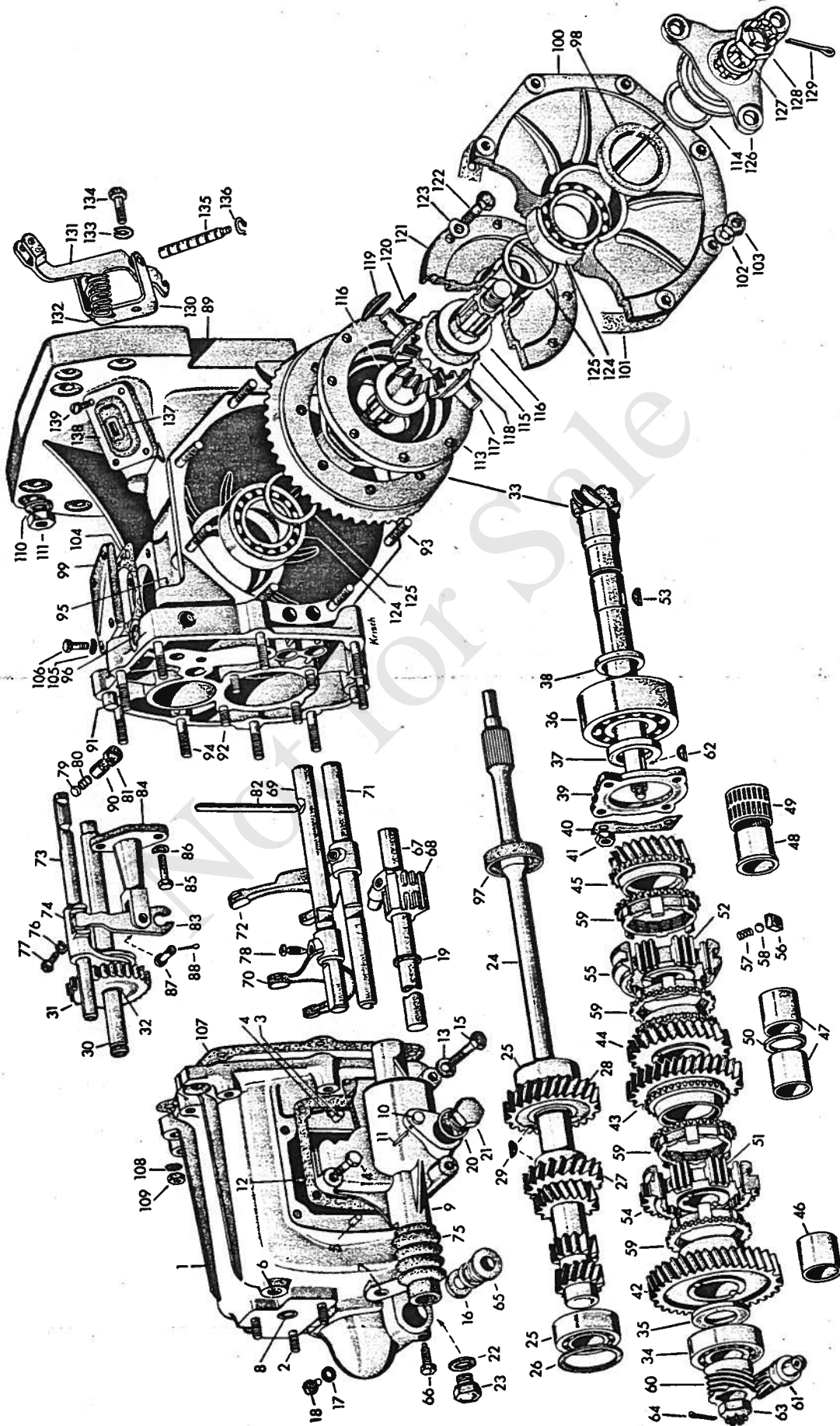


10 = Gear Box
BMW 600



0 = Gear Box

Part No.	Key No.	Description	Qty.
10 01 050	—	four-speed gear box with rear axle drive	1
Gear box housing			
10 07 050	1	gear box housing	1
99 03 302	2	stud M 8X15—5 S pho.black.	3
10 13 500	3	dowel pin	1
99 33 408	4	circlip 6 for dowel pin	1
99 42 120	5	cylinder pin 6 m 6X20	1
99 37 220	6	plug 12 pho.	1
99 37 240	7	plug 16 pho.	2
10 13 502	8	nylon plug for bore of reverse gear shaft	1
Gear box housing cover			
10 13 052	9	gear box housing cover	1
10 13 507	10	lock pin	1
99 41 310	11	tensioner for lock pin	1
For gear box housing cover to gear box housing			
10 13 510	12	gasket	1
99 31 046	13	washer	4
99 12 302	14	hex. screw M 6X35—8 G pho.black.	2
99 12 335	15	hex. screw M 6X50—8 G pho.black.	2
Sealings of gear box housing and cover			
10 13 514	16	seal for speedometer drive in gear box housing <i>10X22X7</i>	1
99 63 208	17	seal C 5X9 steel-asbestos	1
99 13 205	18	hex. screw M 5X6—8 G pho.black.	1
10 13 518	19	ring for selector shaft in gear box housing cover	1
For oil filler of gear box housing cover			
99 63 357	20	seal C 22X27 steel-asbestos	1
99 19 250	21	plug screw AM 22X1,5—6 S pho.black.	1

10 = Gear Box

0 = Gear Box

Plate 3

Part No.	Key No.	Description	Qty.
		For oil drain of gear box housing	
'9 63 242	22	seal C 14X20 steel-asbestos	1
'9 63 259	22	seal C 16X20 steel-asbestos (for plug 00 07 108)	1
10 07 104	23	plug screw M 14X1,5	1
10 07 106	23	plug screw M 14X1,5, 0,1 mm oversize	1
10 07 108	23	plug screw M 16X1,5 (replacement for part No. 00 07 106 in case thread is torn off)	1
		Drive shaft	
10 21 050	24	drive shaft	1
'9 81 226	25	ball bearing 6205 C3	2
10 38 198	26	shim (thickness as req.) for ball bearing	1
10 21 531	27	spur gear 3rd speed	1
10 21 534	28	spur gear 4th speed	1
'9 51 480	29	woodruff key for spur gears 3rd and 4th speed to drive shaft	2
		Reverse gear	
10 51 504	30	reverse gear shaft	1
10 51 050	31	sliding gear for reverse speed	1
10 51 509	32	bushing for sliding gear	1
		Output shaft	
10 61 060	33	output shaft with crown wheel	1
		Output shaft support in gear box housing	
99 81 432	34	ballbearing 6305 C3	1
10 31 503	35	stop washer	1

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Plate 3

Part No.	Key No.	Description	Qty.
		Output shaft support in rear axle drive housing	
99 82 473	36	bearing 3306 X	1
10 31 506	37	spacer	1
10 31 509	38	washer	1
10 31 512	39	supporting ring	1
10 31 516	40	lock plate	1
99 22 094	41	hex. nut M 8X1—6 S pho.black.	4
		Gear wheels, bushings and needle cages	
10 31 520	42	spur gear 1st speed	1
10 31 524	43	spur gear 2nd speed	1
10 31 528	44	spur gear 3rd speed	1
10 31 600	45	spur gear 4th speed	1
10 31 535	46	bushing 1st speed	1
10 31 538	47	bushing 2nd and 3rd speed	2
10 31 601	48	bushing 4th speed	1
10 31 585	49	needle cage for 1st, 2nd, 3rd and 4th speed	4
10 31 588	50	stop washer between needle cages 2nd and 3rd speed	1
		Synchronization of gear box	
10 31 550	51	guide sleeve 1st and 2nd speed	1 ✓
10 31 553	52	guide sleeve 3rd and 4th speed	1 ✓
99 19 707	53	woodruff key 6X7,5 st. for guide sleeve	2
10 31 557	54	sliding sleeve 1st and 2nd speed	1 ✓
10 31 560	55	sliding sleeve 3rd and 4th speed	1 ✓
10 31 563	56	sliding piece for guide sleeve	6 ✓
10 31 569	57	spring for ball	6 ✓
99 86 259	58	ball 1/4" III	6 ✓
10 31 566	59	synchromesh ring	4
		Speedometer drive	
10 31 575	60	carrier gear	1
10 31 579	61	helical gear	1

10 = Gear Box			Plate 3
Part No.	Key No.	Description	Qty.
19 51 461	62	For carrier gear to output shaft	1
19 23 456	63	woodruff key 4x6.5 st.	1
19 45 180	64	castellated nut M 14x1.5—6 S pho.black.	1
		split pin 3x28 st.	1
10 31 582	65	For helical gear to housing	1
10 30 124	66	bushing for speedometer cable	1
		hex. screw for bushing	1
		Gear changing mechanism	
10 67 500	67	selector shaft	1
10 67 503	68	selector finger	1
10 67 506	69	guide for selector fork 1st and 2nd speed	1
10 67 509	70	selector fork 1st and 2nd speed	1
10 67 512	71	guide for selector fork 3rd and 4th speed	1
10 67 515	72	selector fork 3rd and 4th speed	1
10 67 518	73	guide for reverse gear selector fork	1
10 67 521	74	selector fork for reverse gear	1
10 67 539	75	boot between gear box housing cover and selector shaft ..	1
		For selector forks to guides	
99 33 058	76	spring washer B 5 } reverse gear	1
10 66 564	77	fit bolt	1
10 61 577	78	splined bolt for selector forks 1st and 2nd speed, 3rd and 4th speed and for selector finger	3
		For fixing the selector rods to rear drive housing	
99 86 298	79	ball 9 mm III for selector ratchet 1st—4th and reverse speed	3
10 67 527	80	spring for ball	3
10 66 504	81	plug	1
10 67 530	82	lock pin for gear changing mechanism	1

10 = Gear Box			Plate 3
Part No.	Key No.	Description	Qty.
10 67 536	83	Shifting lever for reverse speed	1
10 67 533	84	shifting lever	1
		support for shifting lever	1
99 12 438	85	For support to rear drive housing	2
99 32 091	86	hex. screw M 8x25 SK—8 G pho.black.	2
		spring washer B 8	2
99 40 373	87	For shifting lever to support	1
99 45 160	88	bolt 10 h 11 20x16 st. 50.11	1
		split pin 3x15 st.	1
		Rear axle drive	
		Housing with cover	
10 61 050	89	rear drive housing with studs	1
10 61 579	90	bushing for fixing the selector rods	3
99 42 165	91	cylinder pin 12 m 6x32 for fixing the gear box housing ..	2
99 03 503	92	stud M 8x1x15—5 S pho.black. for output shaft support	4
99 03 514	93	stud M 8x1x20—5 S pho.black. for cover of differential gear	8
99 03 533	94	stud M 8x1x32—5 S pho.black. for fixing the gear box housing	9
99 37 220	95	plug 12 for bore of reverse selector fork guide	1
99 37 270	96	plug 20	1
10 61 500	97	seal for rear drive shaft support <i>22x47x10</i>	1
10 61 542	98	seal for rear axle gear wheels <i>40x60x10</i>	2
10 61 509	99	cover plate for inspection hole of rear drive housing	1
10 61 503	100	cover for rear drive housing	1

Part No.	Key No.	Description	Qty.
10 61 506	101	For cover to rear drive housing	
99 31 066	102	gasket	1
99 22 094	103	washer 8,4 pho.black.	8
		hex. nut M 8X1—6 S pho.black.	8
10 61 512	104	For cover to inspection hole of rear drive housing	
99 32 071	105	gasket	1
99 13 457	106	spring washer B 6 pho.black.	4
		hex. screw M 6X15—8 G pho.black.	4
10 61 515	107	For rear drive housing to gear box housing	
99 41 066	108	gasket	1
99 22 094	109	washer 8,4 st. pho.black.	9
		hex. nut M 8X1—6 S pho.black.	9
99 12 653	—	For rear drive and gear box housing to crankcase above and below (with silencer suspension)	
99 31 075	110	hex. screw M 10X55—8 G pho.black. (below)	2
99 22 111	111	washer 10,5 st. pho.black.	4
		hex. nut M 10—6 S pho.black.	4
10 61 518	113	Differential	
10 61 521	114	differential case	1
10 61 524	115	thrust washer	2
10 61 527	116	differential side gear left and right	2
10 61 530	117	spacer (thickness as req.) for differential side gear	2
10 61 533	118	differential gear shaft	1
10 61 579	119	differential gear for shaft	2
99 41 380	120	thrust washer between differential case and gear	2
10 61 536	121	pin 6X24 for differential gear shaft to housing	1
35 48 150	122	shaft supporting cover	1
99 32 091	123	hex. screw	8
		spring washer B 8	8

Part No.	Key No.	Description	Qty.
99 81 056	124	For differential bearing in rear drive housing	
30 38 350	125	ball bearing 4008 6208	2
30 38 532	125	shim 0,20 thick	2
30 38 354	125	shim 0,28 thick	2
30 38 356	125	shim 0,38 thick	2
30 38 358	125	shim 0,50 thick	2
		shim 0,75 thick	2
10 61 545	126	Coupling flange at differential side gear	
10 61 551	127	coupling flange for rear axle shaft	2
99 23 475	128	washer	2
99 45 045	129	castellated nut M 20X1,5—6 S pho.black.	2
		split pin 4X40 st.	2
10 61 554	130	Clutch release lever	
10 61 557	131	supporting bracket	1
10 61 569	132	release lever	1
		pressure spring between release lever and housing	1
99 33 094	133	For supporting bracket to rear drive housing	
99 13 650	134	spring washer B 8	2
		hex. screw M 8X22—8 G pho.black.	2
10 61 560	135	For release lever to supporting bracket	
99 34 050	136	bolt	1
		lock washer 10X1	1
01 61 563	137	For covering the release lever	
10 61 566	138	rubber boot	1
99 07 104	139	cover plate	1
		countersunk screw AM 5X8—5 S pho.black.	4