

EDITION MAY 1958



BMW 600

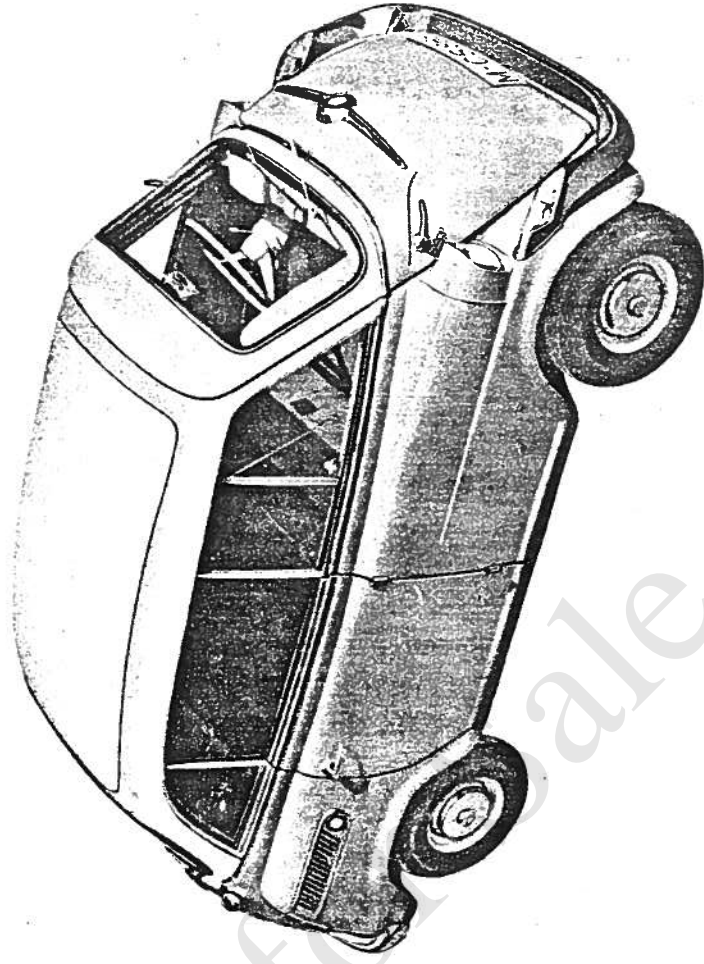
SPARE PARTS LIST

BAYERISCHE MOTOREN WERKE A. G. MÜNCHEN

KW 11 Printed in Germany

Attention!

Turn on only a few sheets at a time,
for otherwise damages of book
mechanism might result.



The present spare parts book deals with replacement parts of the Limousine "BMW 600" and is subdivided according to a new system explained at the end of the foreword, with new BMW main groups ranging from 00—99. The BMW spare numbers are subdivided as shown in the below mentioned examples:

00	39	339	= spring in carburettor
	—	—	= main group: engine
	—	—	= sub. group: carburettor
	—	—	= part number = spring

99	13	457	= hexagon screw M 6×14—8 G pho.
	—	—	= main designation: DIN-part
	—	—	= sub-group: screw
	—	—	= part number: dimensions

In case the **part number** (ordering number) of a spare part must be looked for, the **illustration-number** must be found on the illustration of the main group and by establishing the number upon the illustration the spare part description will be found out in the text description where the part number can be seen easily. The illustration numbers are only indicated for the purpose of finding the spare part numbers quickly and should not be used on passing orders.

On **spare orders** please indicate besides shipping instructions the following details:

1. quantities desired
2. description of spare part
3. part number

Body parts are only supplied in prime. In as far as other parts depend on the colours of the Limousine "BMW 600", indicate the colour desired on passing orders.

For certain parts minimum quantities must be ordered, i. e. for some groups of parts orders of minimum quantities are connected with certain advantages in price. These parts are mentioned in the circular letters issued by the spare parts service.

On sending samples, the parts in question should be labelled and the address of sender must be seen on these labels. Shipment must be announced previously, please do not add letters, post cards, or orders to sample packages. Samples are only returned, if expressly desired. Damaged parts are not kept but are scrapped at once.

All BMW spare parts undergo the same thorough production, treatment and controls as do the parts of the standard production.

Each BMW spare features — in as far as the shape of the part permits this — for its identification as

Original BMW Spare Part



the trade mark stamped on it.

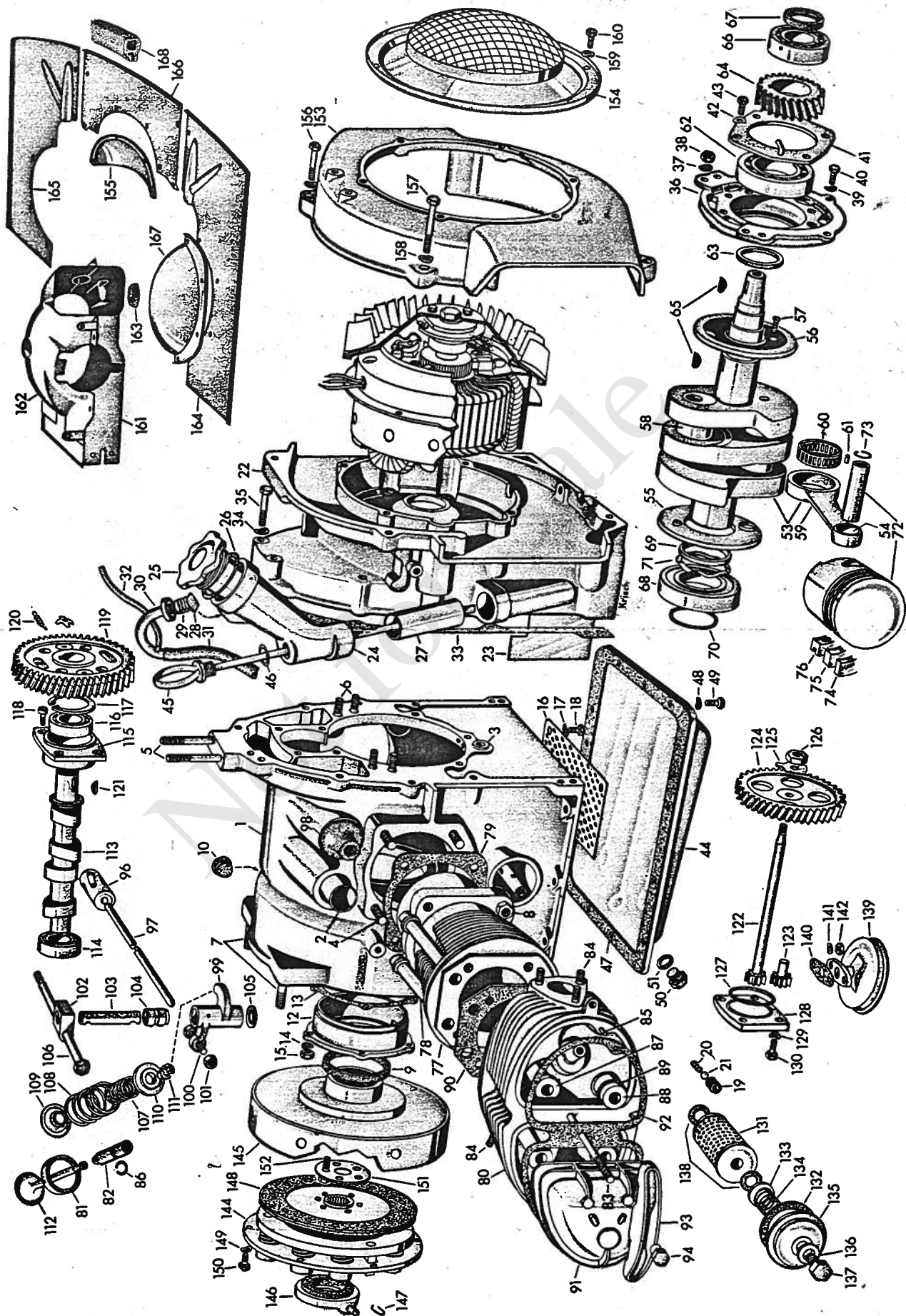
The designation original BMW spare part is protected by law. In case alien parts are found on repairs, the guarantee granted by the factory will become void.

Original Limousine "BMW 600" spares are only supplied by our competent concessionaires.

All illustrations are given without engagements. The factory reserves the right of correcting errors or carrying out modifications.

CONTENTS

Group	Plate	Sub-Group
00 = Engine	1	Crank case - Oil sump - Crankshaft assembly - Cylinder - Cylinder head - Lubrication system - Valve timing - Clutch - Blower system
	2	Carburettor - Air cleaner - Exhaust system
10 = Gear box	3	Gear box - Gearbox housing - Drive shaft - Output shaft - Gear change mechanism - Final drive - Clutch throw-out lever
20 = Front axle and Steering	4	Front axle - Front brakes -
30 = Rear axle		Rear axle - Rear brakes
20 = Front axle and Steering	5	Steering - Gear change mechanism - Support with Choke, Heater and Fuel tap controls
40 = Chassis	6	Frame - Pedal assembly - Hand- brake - Brake lines - Fuel tank - Roadwheels - Car serial number plate - Engine and Transmission block mountings - Body under- layers on frame
50 = Body 60 = Doors 70 = Interior equipment	7	Body - Rear deck lid - Mouldings - BMW emblem - Heating - Bumpers - Doors - Windows - Furnishings - Seats - Rear view mirror - License plate
80 = Electrical equipment	8	Dynamo starter system - Battery - Horn - Headlamp - Turn signal light - License plate light - Stop light - Tail light - Interior light - Windshield wiper - Speedometer - Wiring loom - Instrument panel
90 = Special equipment	—	Sealings - Touch-up brushes - Paints



Part No.	Key No.	Description	Qty.
00 00 080	—	Engine twin cylinder engine 600 c.c. ready for fitting (with carburettor, intake pipe, clutch, starter and silencer)	1
00 01 080	1	Crankcase crankcase with studs, front bearing flange, sieve plate and short-circuiting switch	1
00 01 821	2	tappet guide bush	4
00 01 819	3	bushing for oil pump shaft	1
99 03 416	4	stud M 10×22—8 G pho.black. for fixing of cylinders	8
99 03 380	5	stud M 80×60—5 S pho.black. for heater box	2
99 03 306	6	stud M 8×18—8 G pho.black. for bearing flange	4
99 03 177	—	stud M 6×12—5 S pho.black. for sieve plate	2
99 03 436	7	stud M 10×35—8 G pho.black. for fixing of gear box	2
00 01 184	—	stud for front bearing flange	1
00 01 104	8	hex. nut for fixing of cylinders	8
00 01 120	9	sealing ring for flywheel	1
00 01 106	10	plug for ignition timing inspection hole	1
00 01 160	12	Front bearing flange bearing flange	1
00 01 864	13	gasket	1
99 32 071	14	spring washer B 6	5
99 22 054	15	hex. nut M 6—6 S pho.black.	5
00 01 816	16	Sieve plate sieve plate	1
99 32 071	17	spring washer B 6	3
99 13 425	18	hex. screw M 6×10—8 G pho.black.	3

00 = Engine

No.	Key No.	Description	Qty.
		Short — circulating valve	
810	19	plug	1
813	20	spring	1
269	21	ball 6 mm IV	1
		Crankcase cover	
2080	22	crankcase cover with lock plate, stop plate, oil filler and	1
2685	23	breather pipe	1
1835	24	stop plate	1
2885	25	oil filler	1
5540	26	cap	1
1858	27	seal	1
2565	28	bushing for oil filler	1
2554	29	diaphragm for oil filler	1
1808	30	spring for diaphragm	1
8874	31	breather pipe	1
8805	32	rubber hose A 11×17×220 for breather pipe	1
		rubber hose A 5×9×170 from breather pipe to intake filter	1
2071	—	For stop plate to crankcase	2
3439	—	spring washer B 6	2
		hex. screw M 6×12—8 G pho.black.	
		For crankcase cover to crankcase	
2872	33	gasket	1
2071	34	spring washer B 6	10
2310	35	hex. screw M 6×40—8 G pho.black.	9
21438	—	countersunk screw M 6×40—5 S pho.black.	1

Part No.	Key No.	Description	Qty.
		Rear bearing flange at crankcase	
00 02 800	36	rear bearing flange	1
99 32 091	37	spring washer B 8	4
99 22 082	38	hex. nut. M 8—6 S pho.black.	4
99 32 071	39	spring washer B 6	2
99 12 249	40	hex. screw M 6×22—8 G pho.black.	2
		Cover flange for rear bearing flange	
00 02 876	41	cover flange	1
99 32 071	42	spring washer B 6	4
99 13 457	43	hex. screw M 6×15—8 G pho.black.	4
		Oil pan	
00 07 080	44	oil pan with socket for drain plug	1
00 09 800	45	oil dipstick	1
00 09 802	46	seal	1
		For oil pan to crankcase	
00 07 856	47	gasket (glued on oil pan)	1
99 32 071	48	spring washer B 6	13
99 13 457	49	hex. screw M 6×15—8 G pho.black.	13
		For outlet of oil pan	
00 07 104	50	plug M 14	1
00 07 106	50	plug M 14 with 0,1 mm oversize	1
99 63 242	51	seal C 14×20 steel-asbestos	1
		Crankshaft assembly	
00 16 080	53	crankshaft with connecting rod and roller bearing	1
00 17 150	54	bushing for gudgeon pin	2
00 16 802	55	front oil slinger	1
00 16 805	56	rear oil slinger	1
99 00 106	57	countersunk screw M 6×10—5 S pho.black. for oil slingers	2

00 = Engine / Crankshaft Assembly		Plate 1	
Part No.	Key No.	Description	Qty.
For crankshaft with plain bearings			
00 16 850	—	crankpin	2
00 17 850	—	connecting rod	2
For crankshaft with roller bearings			
00 16 851	58	crankpin	2
00 17 851	59	connecting rod	2
00 16 820	60	roller cage	2
00 16 821	61	steel roller	36
For the front crankshaft web			
00 16 810	—	needle bush	1
00 16 812	—	bushing	1
Rear crankshaft bearing			
99 81 252	62	ball bearing 6208 (main bearing)	1
00 16 814	63	spacer	1
00 16 818	64	gear wheel on crankshaft	1
99 51 480	65	woodruff key 5X6,5 for gear wheel and starter connection	2
99 81 234	66	ball bearing 6206 Z in crankcase cover	1
00 02 199	67	sealing ring for crankshaft web in crankcase cover	1
Front crankshaft bearing			
99 81 260	68	ball bearing 6209 Z (main bearing)	1
00 16 866	69	spacer	1
00 16 870	70	ring	1
00 16 832	71	spring washer	1
00 16 840	—	set for timing gear wheels	1

00 = Engine / Pistons / Cylinder / Cylinder Head		Plate 1	
Part No.	Key No.	Description	Qty.
Pistons			
00 12 800	72	piston 74 Ø with pin and rings, normal size	2
00 12 803	72	piston 74 Ø with pin and rings, 0,5 mm oversize	2
00 12 806	72	piston 74 Ø with pin and rings, 1 mm oversize	2
99 33 640	73	circlip A 20 for pins	4
Piston rings			
00 14 800	74	compression ring 2 mm 1st groove, normal size	2
00 14 803	74	compression ring 2 mm 1st groove, 0,5 mm oversize	2
00 14 806	74	compression ring 2 mm 1st groove, 1 mm oversize	2
00 14 809	75	compression ring 2,5 mm 2nd groove, normal size	2
00 14 812	75	compression ring 2,5 mm 2nd groove, 0,5 mm oversize	2
00 14 815	75	compression ring 2,5 mm 2nd groove, 1 mm oversize	2
00 14 818	76	slotted ring 4 mm 3rd groove, normal size	2
00 14 821	76	slotted ring 4 mm 3rd groove, 0,5 mm oversize	2
00 14 824	76	slotted ring 4 mm 3rd groove, 1 mm oversize	2
Cylinders			
00 10 081	77	cylinder 74 Ø	2
00 10 800	78	protective tube for push rod	4
00 10 810	79	gasket between crankcase and cylinder	2
Cylinder head			
00 21 080	—	cylinder head, right, with calve guides, valve seat rings, lock washers for valve guides, oil drain tube, sleeves for rocker arm bearing, studs, pin for fixing cover and rings for sleeves	1
00 21 083	80	cylinder head, left, with valve guides, valve seat rings, lock washers for valve guides, oil drain tube, sleeves for rocker arm bearing, studs, pin for fixing cover and rings for sleeves	1

00 = Engine / Valve Timing		Plate 1	
Part No.	Key No.	Description	Qty.
00 34 124	99	rocker arm for intake, left, and exhaust, right	2
00 34 176	100	adjusting screw for rocker arm	4
00 34 128	101	nut for adjusting screw	4
		Rocker arm bearing	
00 34 110	102	rocker arm support	8
00 34 102	103	rocker arm shaft	4
00 34 134	104	bushing for rocker arm bearing	8
00 34 112	105	washer for rocker arm	4
00 21 136	106	hex. screw for rocker arm support	8
		Valve springs	
00 26 810	107	valve spring, inside	4
00 26 118	108	valve spring, outside	4
00 26 128	109	lower valve spring retainer	4
00 26 532	110	upper valve spring retainer	4
00 26 524	111	split collets	4
00 26 501	—	intake valve	2
00 26 510	112	exhaust valve	2
		Valve operating mechanism	
00 31 076	113	camshaft	1
99 81 044	114	ball bearing 6004 X for front camshaft bearing	1
		Rear camshaft bearing	
00 30 850	115	bearing flange	1
99 81 049	116	ball bearing 6005 X	1
99 34 719	117	lock washer 47X1,75	1
00 30 104	118	cylinder stud	4
		Gear wheel for camshaft	
00 32 809	119	gear wheel	1
00 32 812	120	return spring	2
99 51 480	121	spring 5X6,5 for gear wheel to camshaft	1

0 = Engine / Cyl. Head / Valve Timing		Plate 1	
art. No.	Key No.	Description	Qty.
021 114	—	valve seat ring, intake, with oversize	2
021 509	81	valve seat ring, exhaust, with oversize	2
021 504	—	valve guide, intake, normal size	2
021 506	—	valve guide, intake, 0,1 mm oversize on outside diameter	as req.
021 507	—	valve guide, intake, 0,2 mm oversize on outside diameter	as req.
021 508	—	valve guide, intake, 0,3 mm oversize on outside diameter	as req.
021 514	82	valve guide, exhaust, normal size	2
021 516	82	valve guide, exhaust, 0,1 mm oversize on outside diameter	as req.
021 517	82	valve guide, exhaust, 0,2 mm oversize on outside diameter	as req.
021 518	82	valve guide, exhaust, 0,3 mm oversize on outside diameter	as req.
003 990	83	stud M 8X75—5 S pho.black. for cover bracket	2
003 306	84	stud M 8X18—8 G pho.black. for fixing elbow and silencer	10
041 369	85	tightening pin for cover	4
021 116	86	lock washer for valve guide	4
021 830	87	sleeve for rocker arm bearing	4
021 832	88	sleeve with groove for rocker arm bearing	4
021 824	—	oil drain tube	4
021 827	89	ring for sleeve with groove	4
021 840	90	gasket between cylinder and cylinder head	2
		Cover with bracket to cylinder head	
023 115	91	cover	4
023 150	92	gasket for cover	2
021 152	93	bracket	2
021 156	94	nut for bracket	2
		Valve timing	
033 802	96	tappet, normal size	4
033 804	96	tappet, 0,01 mm oversize	4
033 805	96	tappet, 0,04 mm oversize	4
033 174	97	push rod	4
033 814	98	rubber sleeve for tappet guide	4
034 122	—	rocker arm for intake, right, and exhaust, left	2

00 = Engine / Clutch / Air-Cooling System			Plate 1
Part No.	Key No.	Description	Qty.
		Oil dipstick	
		refer to oil pan (crankcase, page 9)	
		Clutch	
00 70 080	144	clutch	1
00 68 080	145	flywheel	1
00 70 800	146	clutch release sleeve	1
00 70 805	147	spring	2
00 70 082	148	clutch disc	1
		For clutch to flywheel	
99 32 071	149	spring washer B 6	6
99 13 439	150	hex. screw M 6X12—8 G pho.black.	6
		For flywheel to front crankshaft web	
00 16 825	151	lock plate	1
00 16 828	152	hex. screw	5
		Air-cooling system	
00 93 580	153	fan cover	1
00 93 850	154	fan cap	1
00 93 858	155	air intake funnel	1
		For fan cover to crankcase cover	
99 12 302	156	hex. screw M 6X35—8 G pho.black.	3
99 12 325	157	hex. screw M 6X45—8 G pho.black.	1
99 32 071	158	spring washer B 6	4
		For fan cap to intake funnel and blower cover	
99 32 071	159	spring washer B 6	6
99 13 439	160	hex. screw M 6X12—8 G pho.black.	6

00 = Engine / Lubricating System			Plate 1
Part No.	Key No.	Description	Qty.
		Lubricating system	
		Oil pump	
00 52 864	122	driving gear (with shaft)	1
00 52 879	123	counter gear	1
00 52 854	124	gear wheel	1
		For gear wheel to driving shaft	
00 52 168	125	lock plate	1
00 52 167	126	hex. nut	1
		For cover to engine housing	
00 52 800	127	ring	1
00 82 811	128	cover	1
99 32 071	129	spring washer B 6	4
99 13 470	130	hex. screw M 6X18—8 G pho.black.	4
		Full-flow oil filter	
00 52 819	131	oil filter	1
00 52 823	132	seal for cover	1
00 52 827	133	spring retainer	1
10 56 116	134	pressure spring	1
00 52 831	135	cover	1
99 63 106	136	seal A 10X16 fibre	1
99 11 619	137	hex. screw M 10X1X12—G pho.black.	1
00 52 836	138	O-ring	2
		Oil screen	
00 52 870	139	intake tube with oil screen	1
		For intake tube with oil screen to engine housing	
00 52 840	140	gasket	1
99 32 071	141	spring washer B 6	2
99 22 054	142	hex. nut M 6—6 S pho.black.	2

Part No.	Key No.	Description	Qty.
		Air lead	
00 93 880	—	air lead, left below	1
00 93 883	—	air lead, left above	1
00 93 886	161	air lead, right below	1
00 93 889	162	air lead, right above	1
00 93 874	163	sealing ring in air duct half right below for silencer	1
85 70 122	—	grommet for starter cable	1
		For air duct halves to crankcase and crankcase cover	
99 32 071	—	spring washer B 6	4
99 13 457	—	hex. screw M 6X15—8 G pho.black.	4
		Floor panel of engine compartment	
00 93 862	164	floor panel, left	1
00 93 866	165	floor panel, right	1
00 93 854	166	rear floor panel	1
00 93 870	167	cap for floor panel, above	2
00 93 878	168	rubber sealing strip for floor panel	1
		Screw connection of floor panels with caps and air duct halves	
99 32 071	—	spring washer B 6	24
99 13 439	—	hex. screw M 6X12—8 G pho.black.	24