



Fig. 3. Crankshaft and appurtenant parts

Fig.

<u>No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Qty.</u>
<u>CRANKSHAFT AND APPURTENANT PARTS</u>			
3- 1	<u>Piston,</u> ^{x)} standard size	403415 ¹⁾	4
	0.010" oversize	403427 ¹⁾	
	0.020" oversize	403428 ¹⁾	
	0.030" oversize	403429 ¹⁾	
	0.040" oversize	403430 ¹⁾	
	0.050" oversize	403431 ¹⁾	
3- 2	<u>Piston ring,</u> upper, standard size	403228	4
	0.0025" oversize	403235	
	0.010" oversize	403236	
	0.020" oversize	403237	
	0.030" oversize	403238	
	0.040" oversize	403239	
	0.050" oversize	403240	
3- 3	<u>Piston ring,</u> lower, standard size	403229	4
	0.0025" oversize	403244	
	0.010" oversize	403245	
	0.020" oversize	403246	
	0.030" oversize	403247	
	0.040" oversize	403248	
	0.050" oversize	403249	
3- 4	<u>Oil control ring,</u> standard size	403230	4
	0.0025" oversize	403253	
	0.010" oversize	403254	
	0.020" oversize	403255	
	0.030" oversize	403256	
	0.040" oversize	403257	
	0.050" oversize	403258	
3- 5	<u>Gudgeon pin,</u> standard size	403011	4
	0,05 mm oversize	403262	
	0,10 mm oversize	403263	
	0,20 mm oversize	403264	
3- 6	<u>Circlip</u>	914507	8
	1. Pistons marked "Mahle". Replaces early production pistons marked "Specialloid" or "W" if all four pistons are replaced.		
	x. Sets of pistons, see page 157.		

<u>Fig.</u>	<u>Description</u>	<u>Part No.</u>	<u>Qty.</u>
3- 7	<u>Connecting rod</u> , complete	403183 ¹⁾	4
3- 8	. Bushing	403187	4
3- 9	. Bolt for cap	403193	8
3-10	. . Nut	150106	8
3-11	Lock washer for nut	120320	4
3-12	<u>Bearing shell</u> for connecting rod, standard size	403188	8
	0.010" undersize	403189	
	0.020" undersize	403190	
	0.030" undersize	403191	
	0.040" undersize	403192	
3-13	<u>Crankshaft</u>	403005	1
3-14	<u>Pulley</u> on crankshaft	403346	1
3-15	. Woodruff key	910121	1
3-16	. Nut	10768	1
3-17	. . Lock washer	15181	1
3-18	<u>Crankshaft gear</u>	403083	1
3-19	. Woodruff key	910121	1
3-20	Oil slinger for crankshaft	403080	1
3-21	. Washer	403079	1
3-22	<u>Flywheel</u> , complete	403582	1
3-23	. Ring gear	403276	1
3-24	Bolt for flywheel	403038	6
3-25	. Nut	150102	6
3-26	Retainer for main drive pinion ball bearing (lock washer for flywheel bolt nut)	403039	1
3-27	Ball bearing for main drive pinion, SKF: 6202	11009	1
	Cap for crankshaft bearing	N.S.S.	
3-28,29	. Guide sleeve	70415	6
3-30	. Stud	17041	6
3-31	. . Nut	150104	6
3-32	. . Lock washer	15232	3
3-33	<u>Bearing shell</u> for crankshaft forward and <u>intermediary bearing journals</u>		
	. Standard size	403028	4
	. 0.010" undersize	403045	

1. Connecting rods are stocked in weight classes A-D. The letter, which is stamped in the crankshaft, determines if alternatives A, B, C or D should be ordered.

<u>Fig.</u>	<u>Description</u>	<u>Part No.</u>	<u>Qty.</u>
	. 0.020" undersize	403046	
	. 0.030" undersize	403047	
	. 0.040" undersize	403048	
3-34	Bearing shells with thrust washers for crankshaft rear bearing journal, standard size	403281	2
	0.010" undersize	403282	
	0.020" undersize	403283	
	0.030" undersize	403284	
	0.040" undersize	403285	
3-35	Seal flange, upper, complete, for rear crankshaft bearing	403316	1
3-36	. Guide pin, 4 x 12 mm	950512	2
	Guide pin, upper seal flange - cylinder block, early production	19704	2
	Bolt, upper seal flange - cylinder block, early production	902253	3
	. Spring washer	906987	3
3-37	Bolt, upper seal flange - cylinder block, late production	902253	5
3-38	. Spring washer	906987	5
3-39	Seal flange, lower, for rear crankshaft bearing	403089	1
3-40	Felt seal	13236	2
3-41	Gasket between upper and lower seal flanges	403299	2
3-42	Screw, lower seal flange - upper seal flange	14109	2
3-43	Seal fillet (wooden)	403090	2