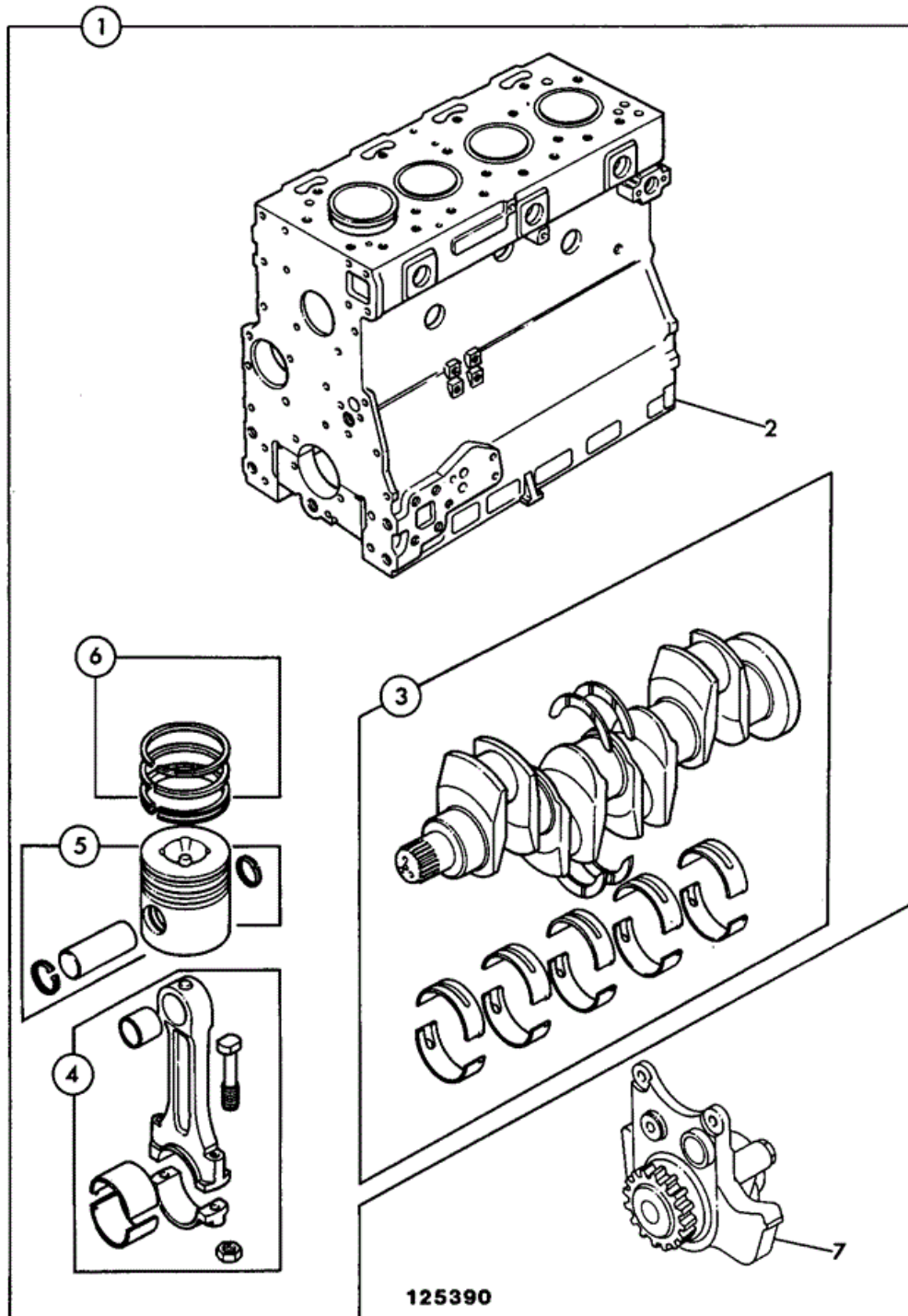




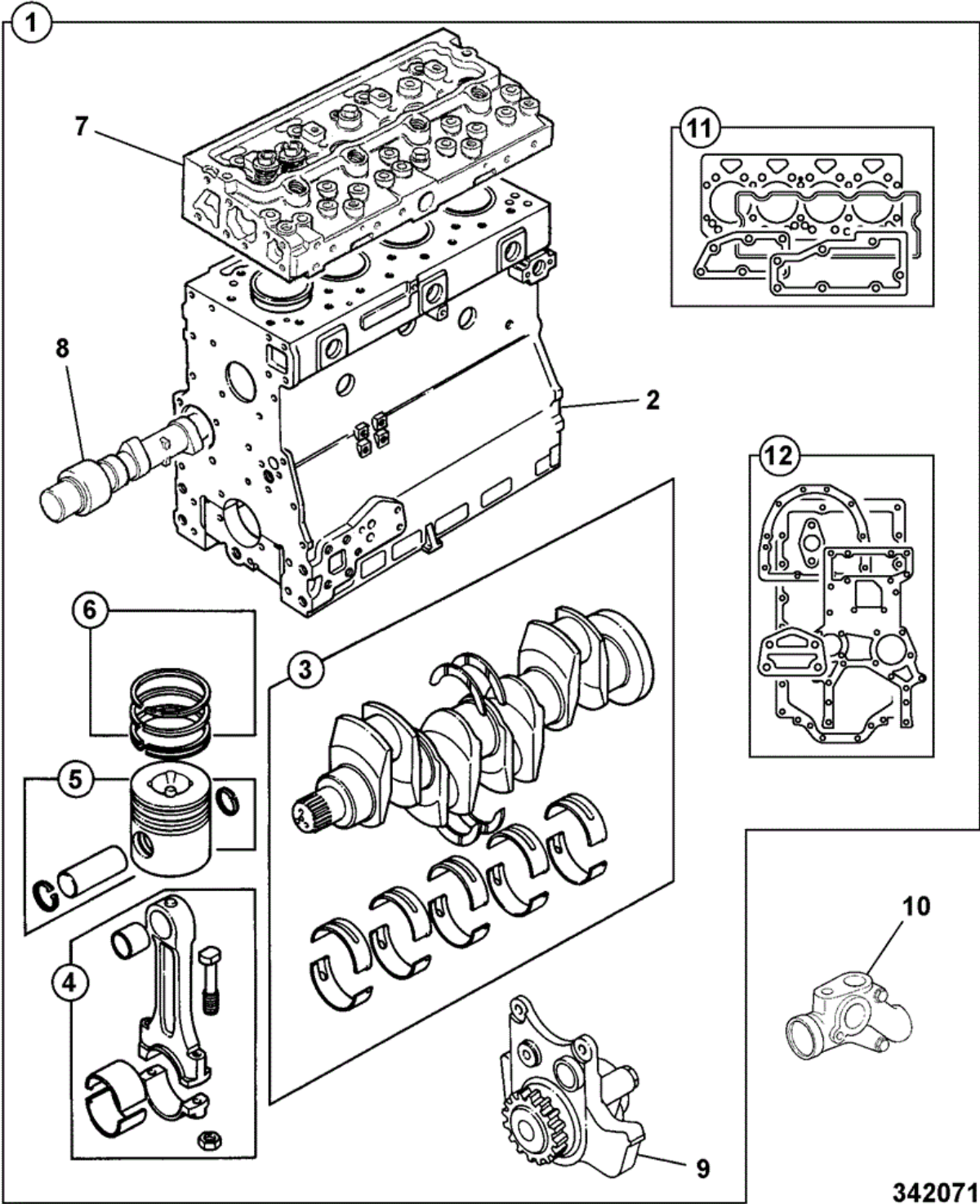
9802/9800 P1-2-2 ENGINE, SHORT AK BUILD



Item	Part #	Change No	Description	Usage Code	QTY
1	02/201860		Engine short turbo		1
2	****		'See Remark' <i>See frame P1-3-2, Block assembly</i>		1
3	****		'See Remark' <i>See frame P1-4-2, Crankshaft assembly</i>		1
4	****		'See Remark' <i>See frame P1-4-2, Con-rod assembly</i>		4
5	****		'See Remark' <i>See frame P1-4-2, Piston assembly</i>		4
6	****		'See Remark' <i>See frame P1-4-2, Piston ring kit</i>		4
7	****		'See Remark' <i>See frame P5-2-2, Oil pump</i>		1



9802/9800 P1-2-5 ENGINE, LONG AK BUILD 100 BHP



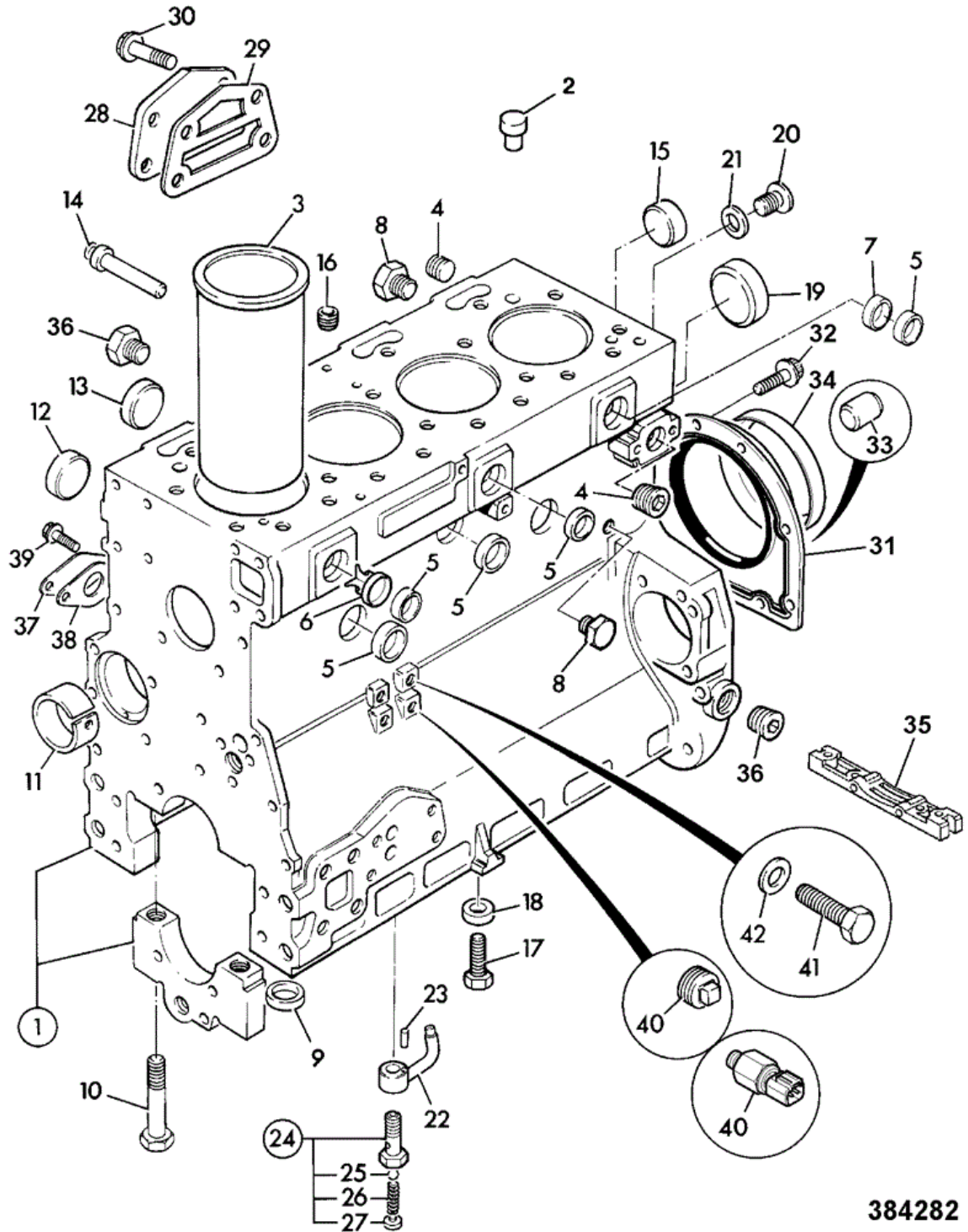
342071

Item	Part #	Change No	Description	Usage Code	QTY
1	02/202536		Engine short		1
2	****		'See Remark'		1

			<i>See frame P1-3-2, Block assembly</i>		
3	****	<EU284277J	'See Remark' <i>See frame P1-4-2, Crankshaft assembly</i>		1
3	****		'See Remark' <i>See frame P1-4-4, Cylinder Head</i>		1
4	****	<EU284277J	'See Remark' <i>See frame P1-4-2, Con-rod assembly</i>		4
4	****		'See Remark' <i>See frame P1-4-4, Con-rod assembly</i>		4
5	****	<EU284277J	'See Remark' <i>See frame P1-4-2, Piston assembly</i>		4
5	****		'See Remark' <i>See frame P1-4-4, Piston assembly</i>		4
6	****	<EU284277J	'See Remark' <i>See frame P1-4-2, Piston ring kit</i>		4
6	****		'See Remark' <i>See frame P1-4-4, Piston ring kit</i>		4
7	****		'See Remark' <i>See frame P2-1-3, Cylinder Head</i>		1
8	****		'See Remark' <i>See frame P1-6-2, Timing Case</i>		1
9	****		'See Remark' <i>See frame P5-2-2, Oil Pump</i>		1
10	****		'See Remark' <i>See frame P5-2-2, Oil relief valve</i>		1
11	****		'See Remark' <i>See frame P8-1-2, Gasket set top</i>		1
12	****		'See Remark' <i>See frame P8-2-1, Gasket set bottom</i>		1



9802/9800 P1-3-2 BLOCK ASSEMBLY AK BUILD



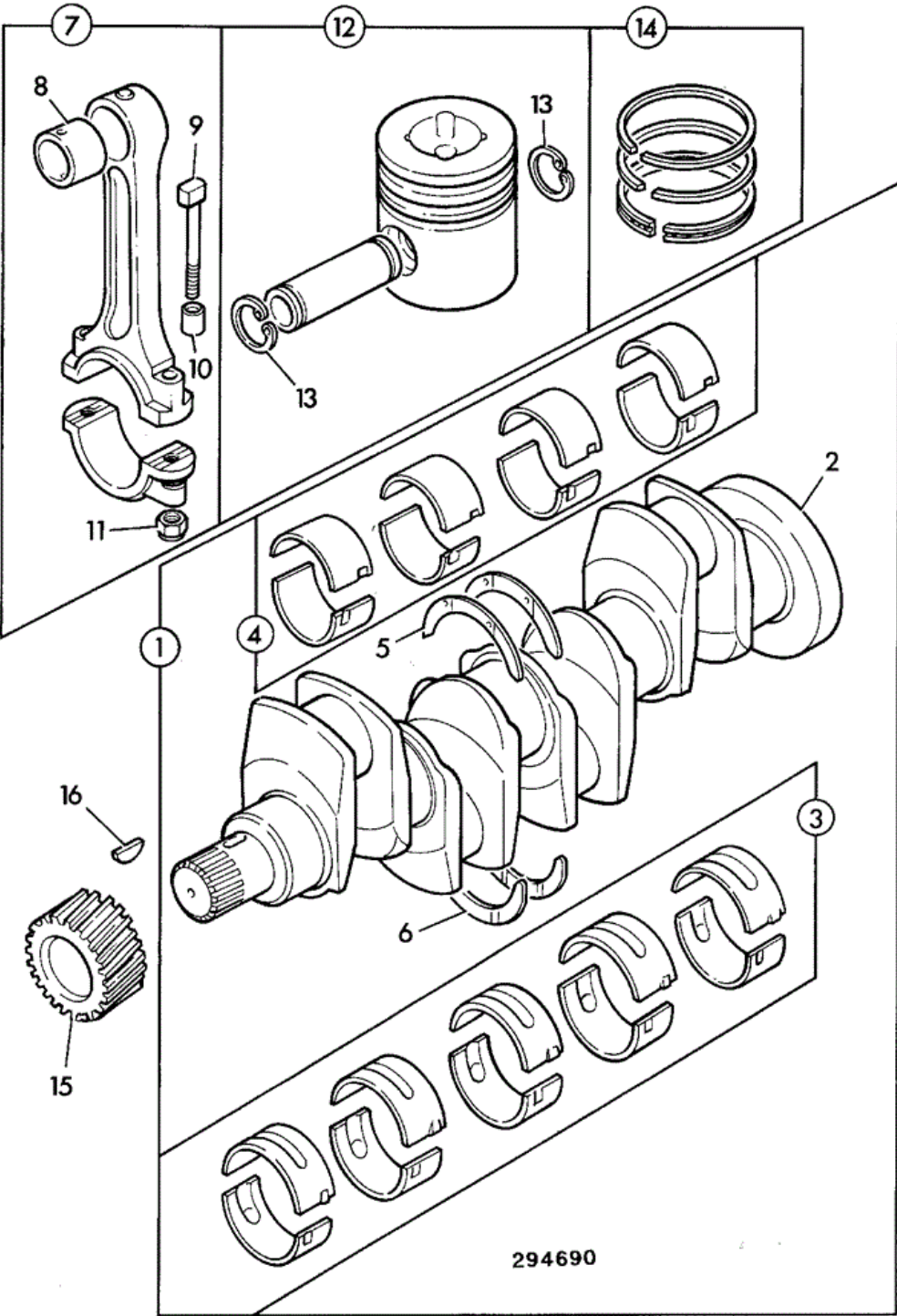
384282

Item	Part #	Change No	Description	Usage Code	QTY
1	02/201660		Block cylinder assembly		1
2	****		None serviced part		1

			<i>Block & Bearing Caps</i>	
3	:02/201141		Liner press-fit <i>See Note 1</i>	4
3	02/201142		Liner slip-fit	0
3	02/202226		Liner cylinder oversize - 0.010"	0
4	:02/100134		Plug	2
5	:02/100396		Plug core D=32mm	6
6	:02/201304		Plug	1
7	:02/200003		Plug core" D=26mm	1
8	:02/100134		Plug	1
9	:02/100101		Thimble	10
10	:02/100102		Bolt	10
11	:02/192094		Bush camshaft	1
12	:02/200454		Plug core D=38mm	4
13	:02/201361		Plug core D=38mm	3
14	:02/101827		Plug	1
15	:02/200454		Plug core D=38mm	2
16	:02/100108		Plug	1
17	:02/101756		Plug	4
18	:823/00287		Washer spacer	4
19	:02/201362		Plug core D=50mm	1
20	:02/200827		Plug	1
21	:02/200828		Washer	1
22	:02/201734		Jet piston cooling	1
23	:02/201731		Pin roll	1
24	::02/101898		Valve	1
25	::02/200099		Ball	1
26	::02/200098		Spring	1
27	::02/200097		Retainer	1
28	:02/200826		Plate	1
29	:02/200484		Gasket	1
30	:02/291042		Bolt	4
31	:02/202370		Housing & rear oil seal assembly	1
32	:826/10721		Bolt torx head drive	10
33	02/100308		Dowel	2
34	02/202422		Sleeve speedy	1
35	02/202369		Piece bridge	1
36	02/100132		Plug drain	1
37	02/200004		Plate	1
38	02/200475		Gasket	1
39	02/291031		Bolt	2
40	701/80327		Switch Engine Oil Pressure	1
41	1315/0402Z		Setscrew	1
42	823/00273		Washer	1

Note 1: SPECIAL TOOLS FOR FITTING BORING AND HONING REQUIRED, FOR GENERAL SERVICE USE SLIP-FIT.

JCB 9802/9800 P1-4-2 CRANKSHAFT, BEARINGS PISTONS &
CON-RODS AK BUILD



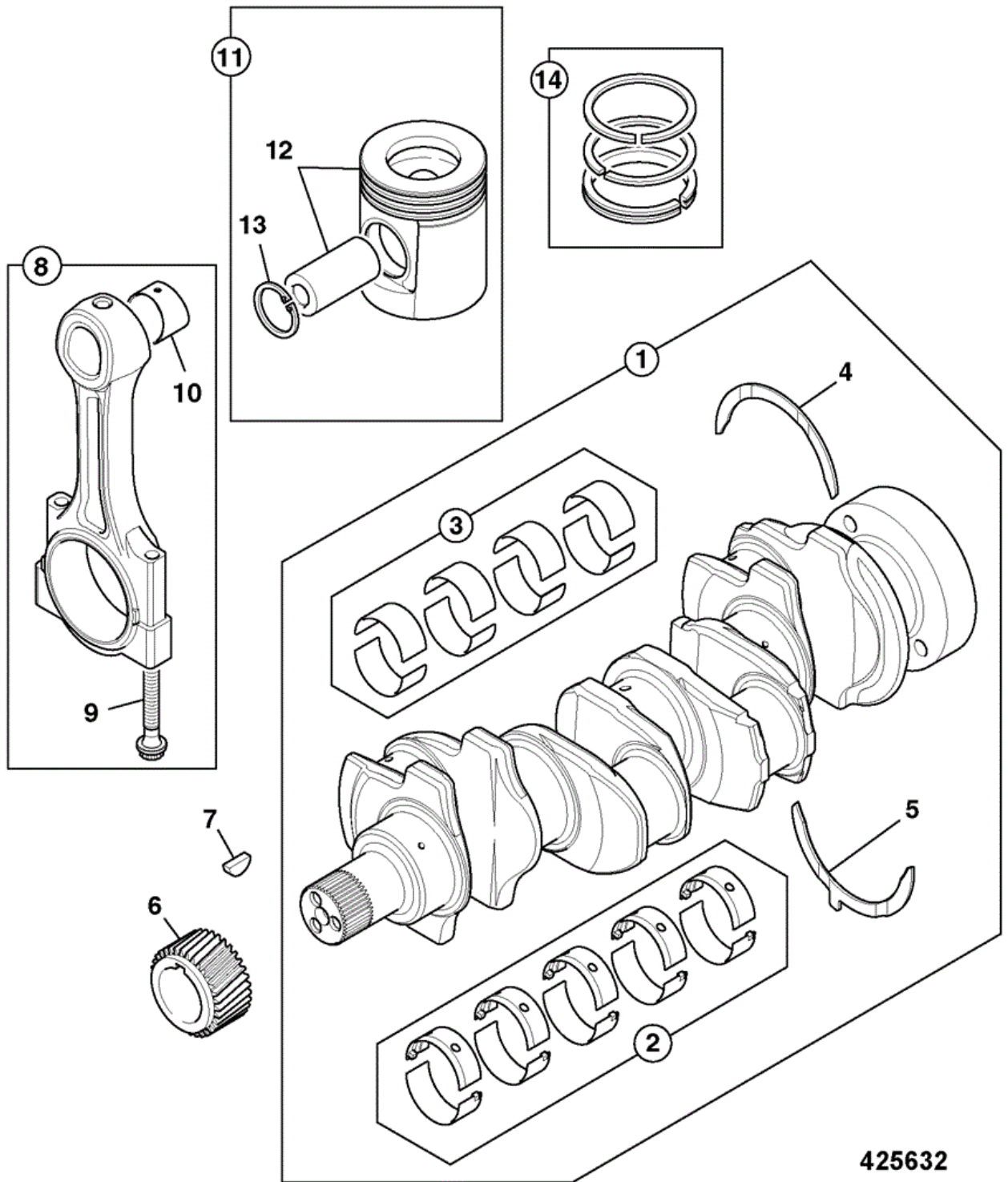
Item	Part #	Change No	Description	Usage Code	QTY
1	02/200915		Crankshaft assembly		1

2	****		None serviced part <i>Crankshaft</i>		1
3	:02/192002		Kit-bearing Main Standard		1
3	02/192003		Kit-bearing Main Undersize - .010inch		1
3	02/192004		Kit-bearing Main Undersize - .020inch		1
3	02/192005		Kit-bearing Main Undersize - .030inch		1
4	:02/192085		Kit-bearing 4 Pairs Standard		1
4	02/192086		Kit-bearing 4 Pairs Undersize - .010inch		1
4	02/192087		Kit-bearing 4 Pairs Undersize - 0.20inch		1
4	02/192088		Kit-bearing 4 Pairs Undersize - 0.30inch		1
5	:02/192083		Washer thrust top - standard		2
5	02/192011		Washer thrust top-oversize 0.19mm		2
6	:02/192084		Washer thrust bottom - standard		2
6	02/192013		Washer thrust btm-oversize 0.19mm		2
7	02/201972		Rod connecting grade 'H' <i>See Note 1</i>		1
7	02/201973		Rod connecting grade 'J' <i>See Note 1</i>		1
7	02/201974		Rod connecting grade 'K' <i>See Note 1</i>		0
7	02/201975		Rod connecting grade 'L' <i>See Note 1</i>		0
8	:02/192095		Bush small end		1
9	:02/291072		Bolt		2
10	:02/201808		Thimble		2
11	:02/100128		Nut		2
12	02/201505		Piston assembly		4
13	:02/201151		Circlip		2
14	02/201504		Kit-piston ring		4
15	02/290001		Gear		1
16	02/100038		Key		2

Note 1: TO ENSURE THE CORRECT GRADE IS FITTED, REFER TO THE SERVICE WORKSHOP MANUAL.



9802/9800 P1-4-4 CRANKSHAFT, BEARINGS PISTONS &
CON-RODS AK BUILD

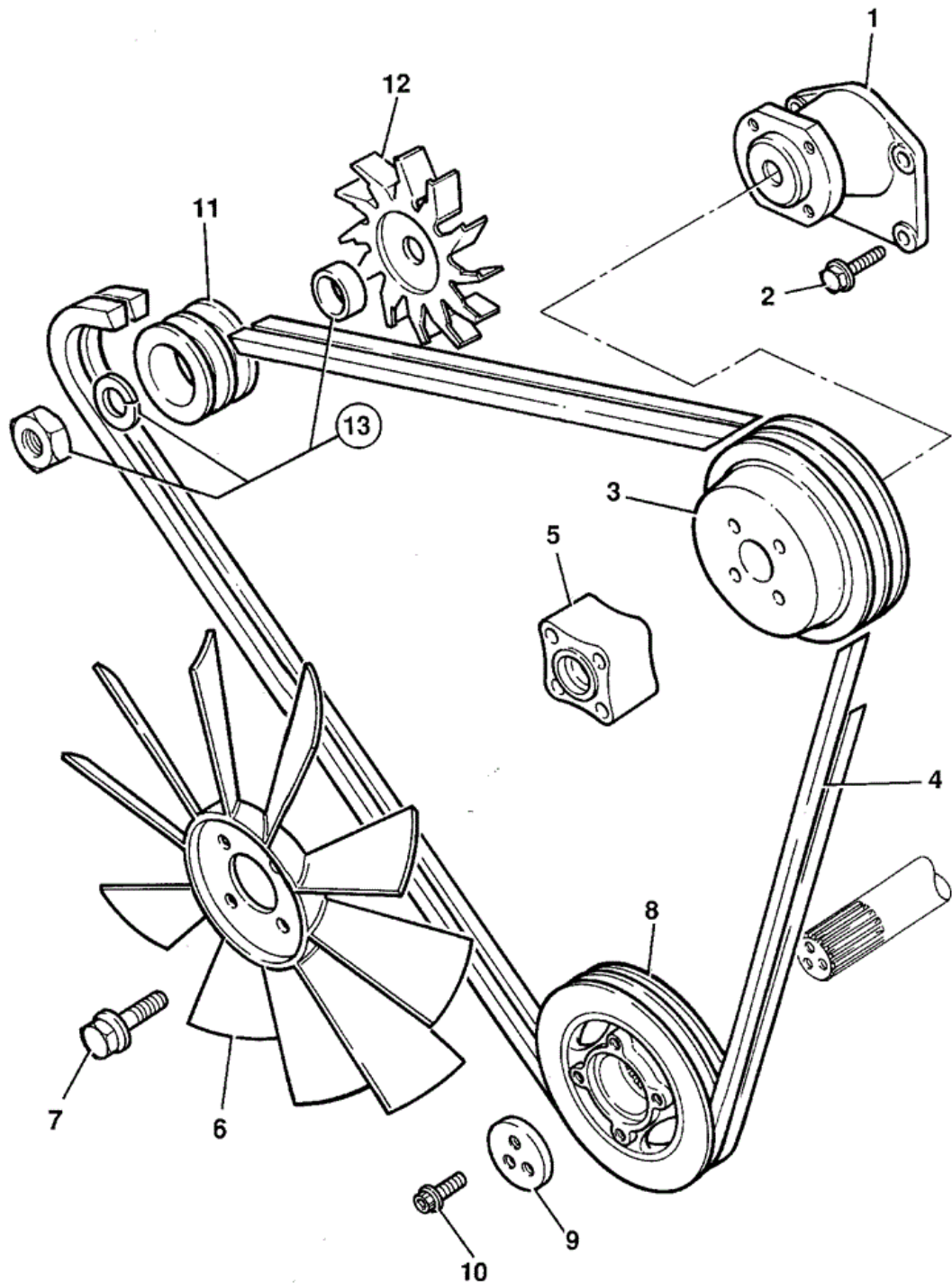


Item	Part #	Change No	Description	Usage Code	QTY
1	02/202527		Crankshaft assembly		1

2	:02/192002	Kit-bearing Main Standard	1
2	02/192003	Kit-bearing Main Undersize - .010inch	0
2	02/192004	Kit-bearing Main Undersize - .020inch	0
2	02/192005	Kit-bearing Main Undersize - .030inch	0
3	:02/202915	Kit-big end bearing standard	1
3	02/202916	Kit-big end bearing oversize - (+)0.010"	0
3	02/202917	Kit-big end bearing u/s 0.50mm	0
3	02/202918	Kit-big end bearing oversize - (+)0.030"	1
4	:02/192083	Washer thrust top - standard	2
4	02/192011	Washer thrust top-oversize 0.19mm	0
5	:02/192084	Washer thrust bottom - standard	2
5	02/192013	Washer thrust btm-oversize 0.19mm	0
6	02/290001	Gear	1
7	02/100038	Key	1
8	02/202922	Kit-conrod grade 'F' RED	4
8	02/202923	Kit-conrod grade 'G' ORANGE	0
8	02/202924	Kit-conrod grade 'H' WHITE	0
8	02/202925	Kit-conrod grade 'J' GREEN	0
8	02/202926	Kit-conrod grade 'K' PURPLE	0
8	02/202927	Kit-conrod grade 'L' BLUE	0
9	:02/202929	Bolt conrod	2
10	:02/202928	Bush small end	1
11	02/201505	Piston assembly	4
12	****	None serviced part	1
13	:02/201151	Circlip	2
14	02/201504	Kit-piston ring	1



9802/9800 P1-5-3 FANS, PULLEYS & FAN BELT LOW SPEED
FAN, AK BUILD



262050

Item	Part #	Change No	Description	Usage Code	QTY
1	02/201357		Housing fan drive, assembly		1

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