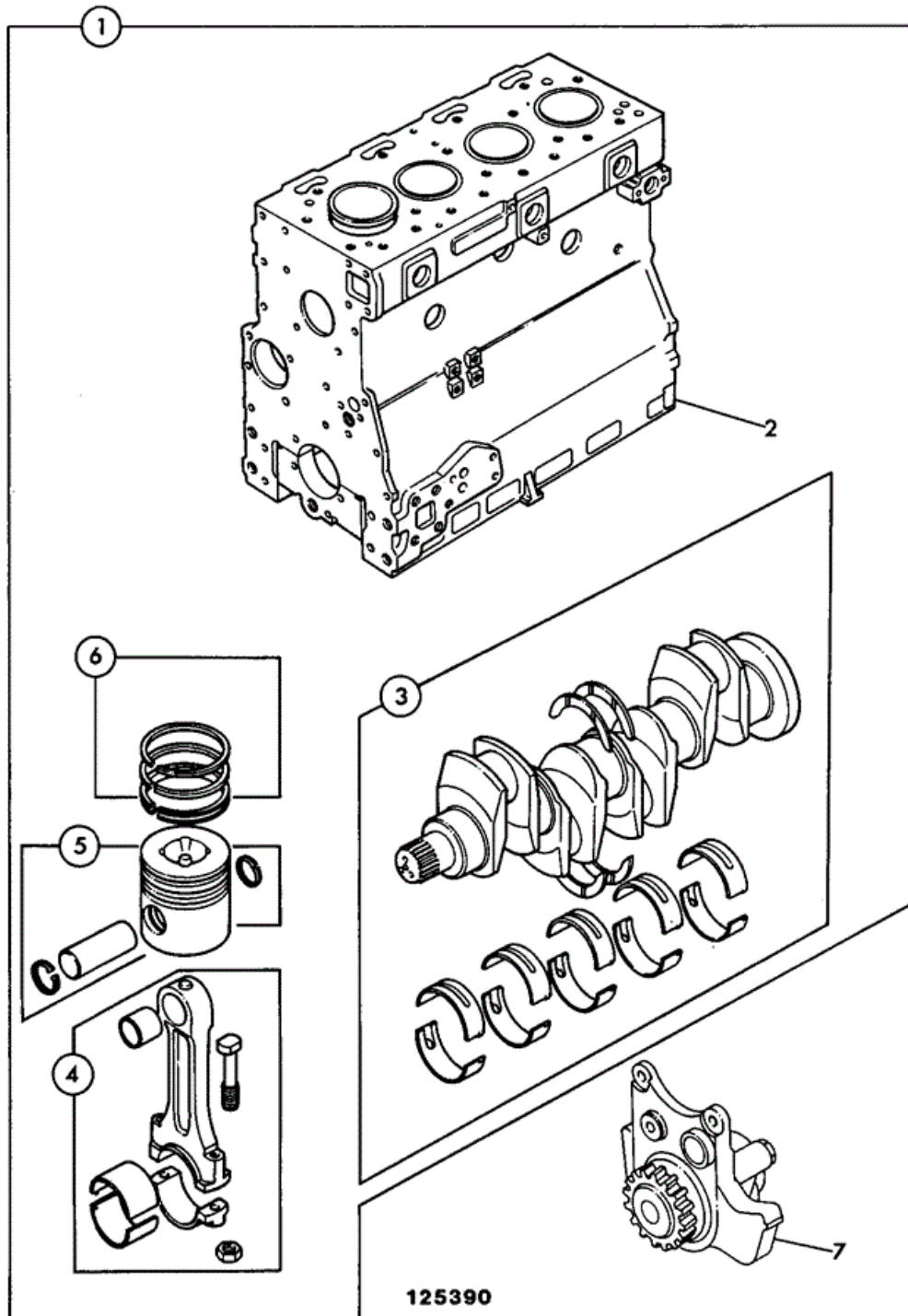




9802/9770 P1-2-2 ENGINE, SHORT AK BUILD

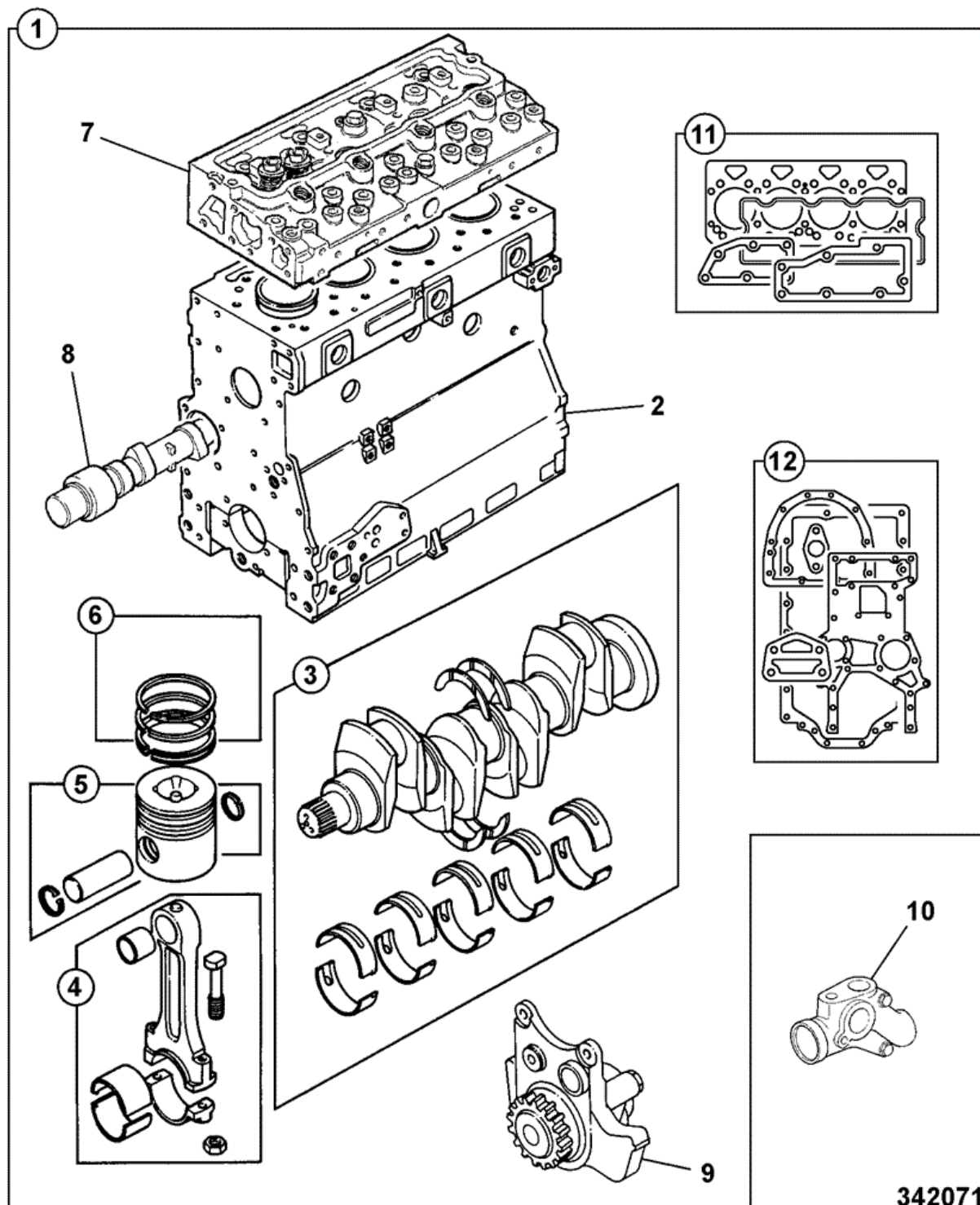


Item	Part #	Change No	Description	Usage Code	QTY
1	02/201860		Engine short turbo		1
2	****		'See Remark' <i>See frame P1-3-2, Block assembly</i>		1
3	****		'See Remark' <i>See frame P1-4-2, Crankshaft assembly</i>		1
4	****		'See Remark' <i>See frame P1-4-2, Con-rod assembly</i>		4
5	****		'See Remark'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



9802/9770 P1-2-5 ENGINE, LONG AK BUILD 100 BHP 72

AMP



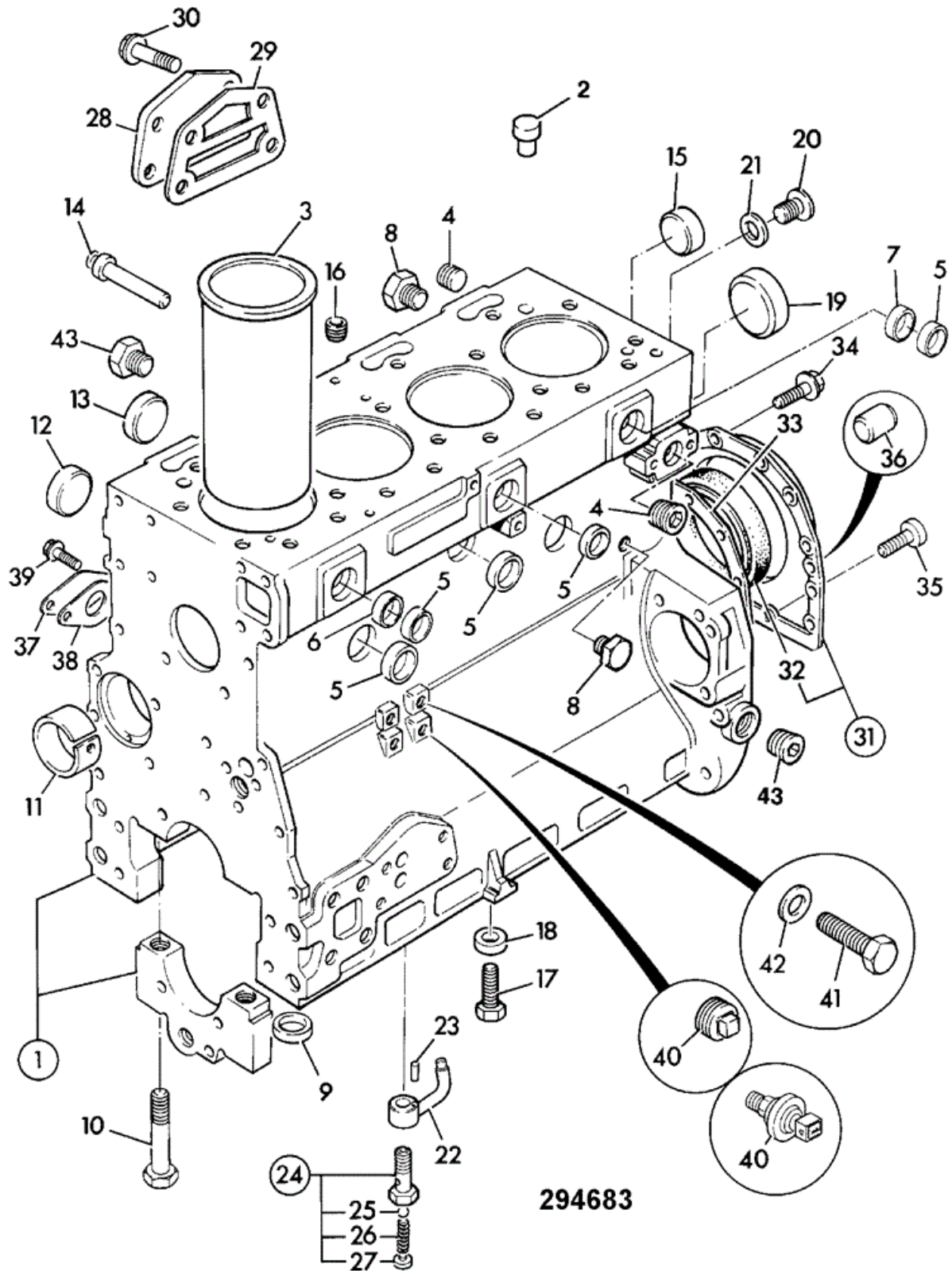
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Item	Part #	Change No	Description	Usage Code	QTY
			Engine engine short		

1	02/202537		<i>For use with 72 amp alternator only</i>		1
2	****		'See Remark' <i>See frame P1-3-4, 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 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



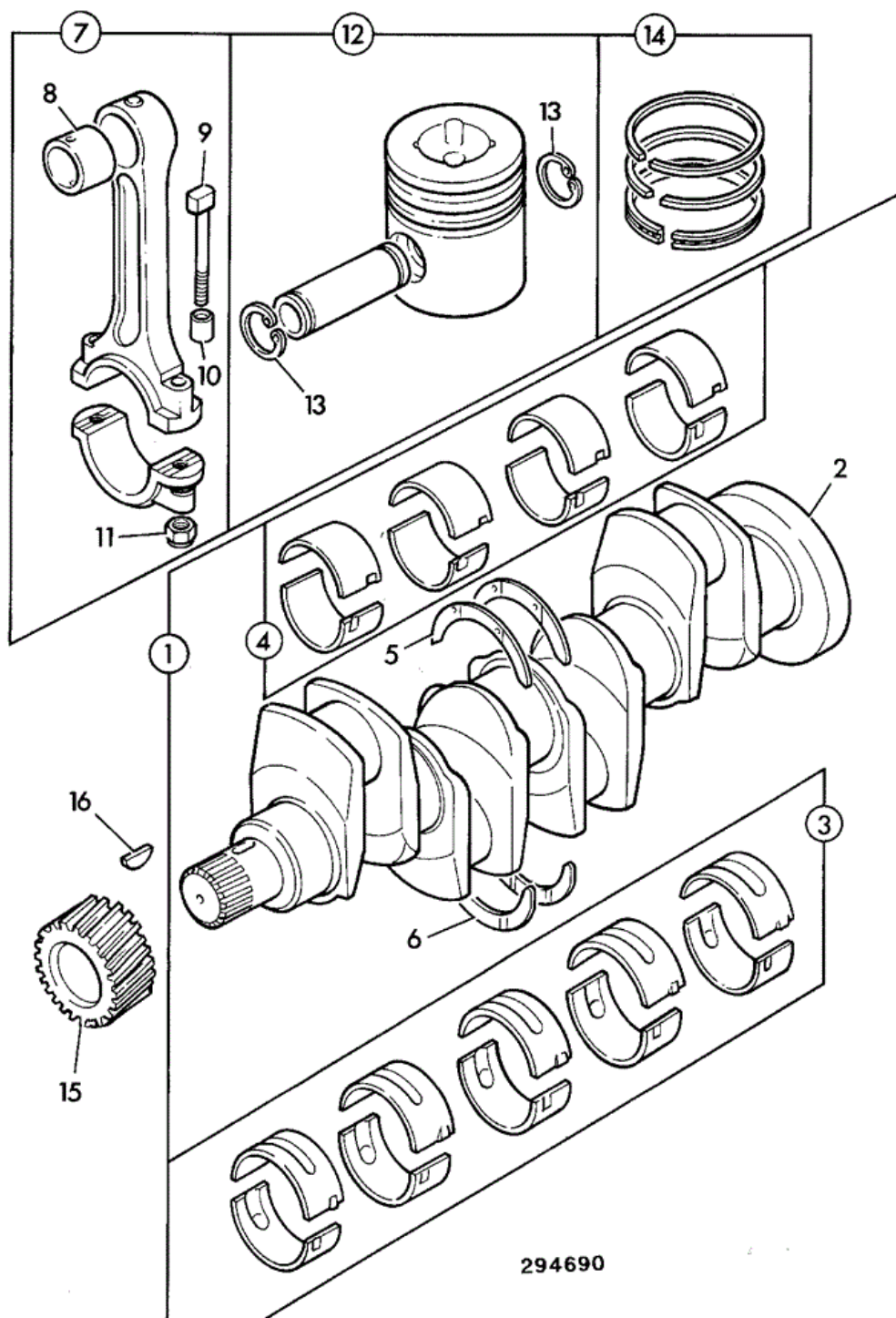
9802/9770 P1-3-2 BLOCK ASSEMBLY AK BUILD



Item	Part #	Change No	Description	Usage Code	QTY
1	02/201660		Block cylinder assembly		1
2	:02/201706		Dowel		2
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	:02/100132		Plug drain		2
9	:02/100101		Thimble		10
10	:02/100102		Bolt		10
11	:02/192094		Bush camshaft		1
12	:02/200454		Plug core D=38mm		6
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	:02/200958		Housing rear seal		1
32	:02/101436		Seal rear oil		1
33	02/201092		Gasket rear seal housing		1
34	826/00869		Screw flange head		12
35	02/291185		Capscrew		2
36	02/100308		Dowel		2
37	02/200004		Plate		1
38	02/200475		Gasket		1
39	02/291031		Bolt		2
40	701/41500		Switch oil pressure		1
41	1315/0402Z		Setscrew		1
42	823/00273		Washer		1
43	02/100134		Plug		1

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

9802/9770 P1-4-2 CRANKSHAFT, BEARINGS PISTONS & CON-RODS AK BUILD

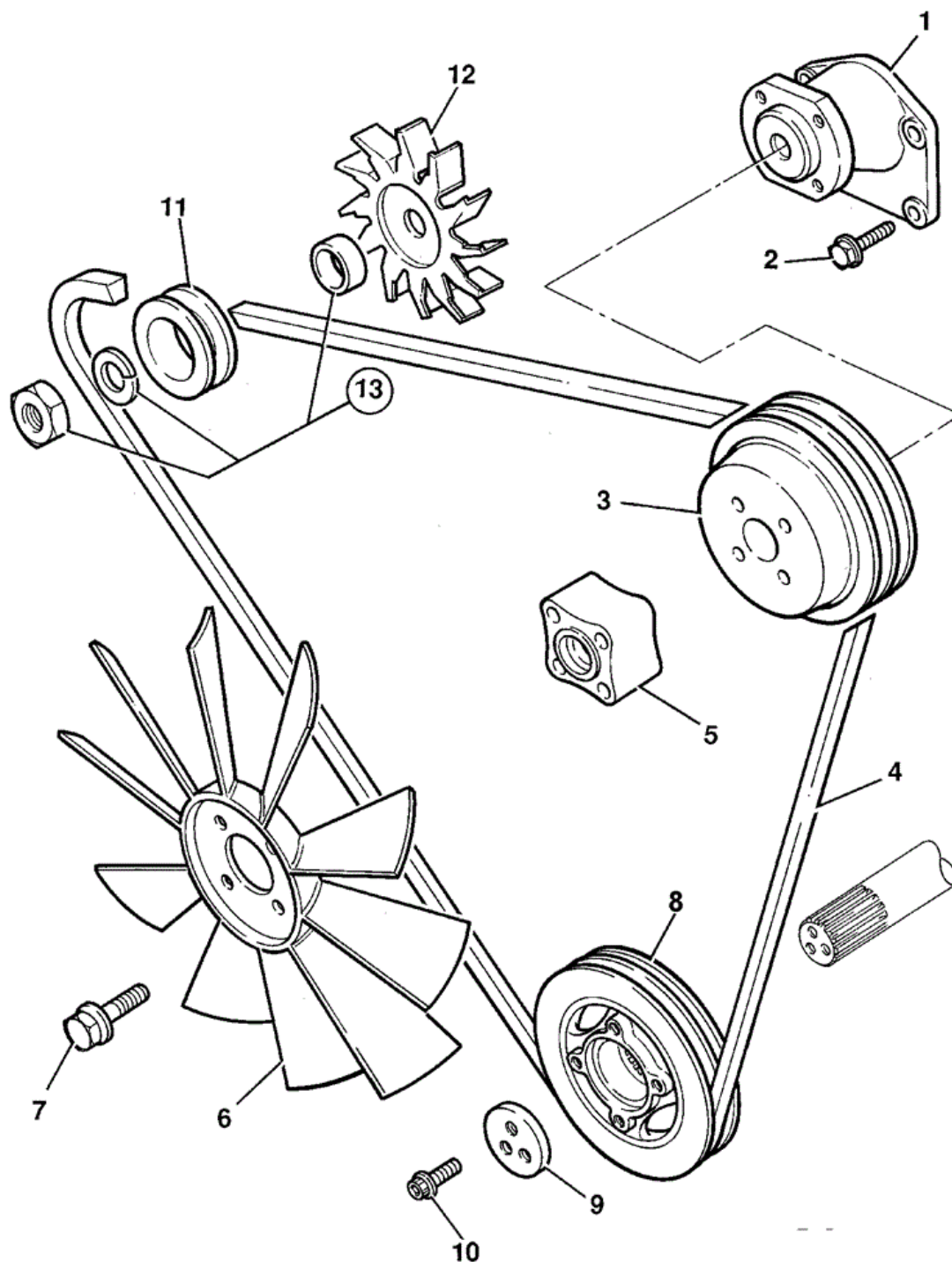


Item	Part #	Change No	Description	Usage Code	QTY
1	02/200915		Crankshaft assembly		1

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>		0
7	02/201973		Rod connecting grade 'J'		0
7	02/201974		Rod connecting grade 'K'		0
7	02/201975		Rod connecting grade 'L'		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

JCB 9802/9770 P1-5-1 FANS, PULLEYS & FAN BELT AR BUILD,
 0.85:1 FAN SPEED



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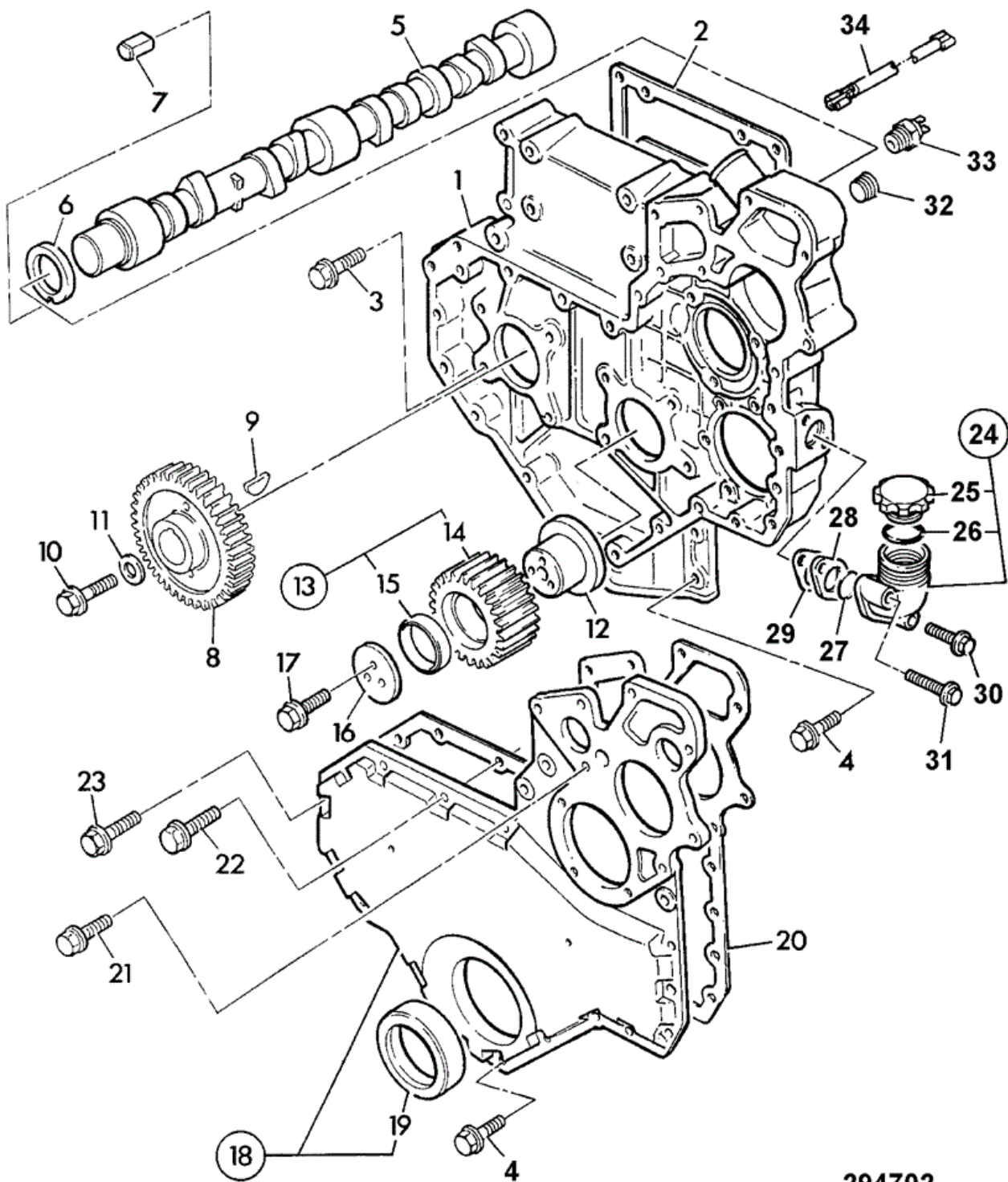
Item	Part #	Change No	Description	Usage Code	QTY
1	02/201357		Housing fan drive, assembly		1

2	02/291041		Bolt		4
3	02/201329		Pulley fan twin groove, 205mm		1
4	123/06399		Belt fan drive, pair		1
5	02/201347		Spacer fan 76.2mm		1
6	123/05911		Fan cooling, 21"		1
6	30/925526	>M924884	Fan D=20" Puller <i>Used only on Soundproofed Builds</i> <i>See Note 1</i>		1
7	1315/3320Z		Bolt (M8 x 100)		4
8	02/200877		Pulley crankshaft twin groove		1
9	02/200017		Block Thrust		1
10	02/100579		Screw		3
11	01/124401		Pulley alternator D=70mm single groove		1
11A	123/10598		Pulley twin groove <i>85Amp Alternator Option Only</i>		1
12	02/200452		Fan alternator		1
13	714/20405		Kit-sundry parts		1

Note 1: EUROPEAN BUILDS ONLY



9802/9770 P1-6-2 TIMING CASE CAMSHAFT & GEARS AK BUILD



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