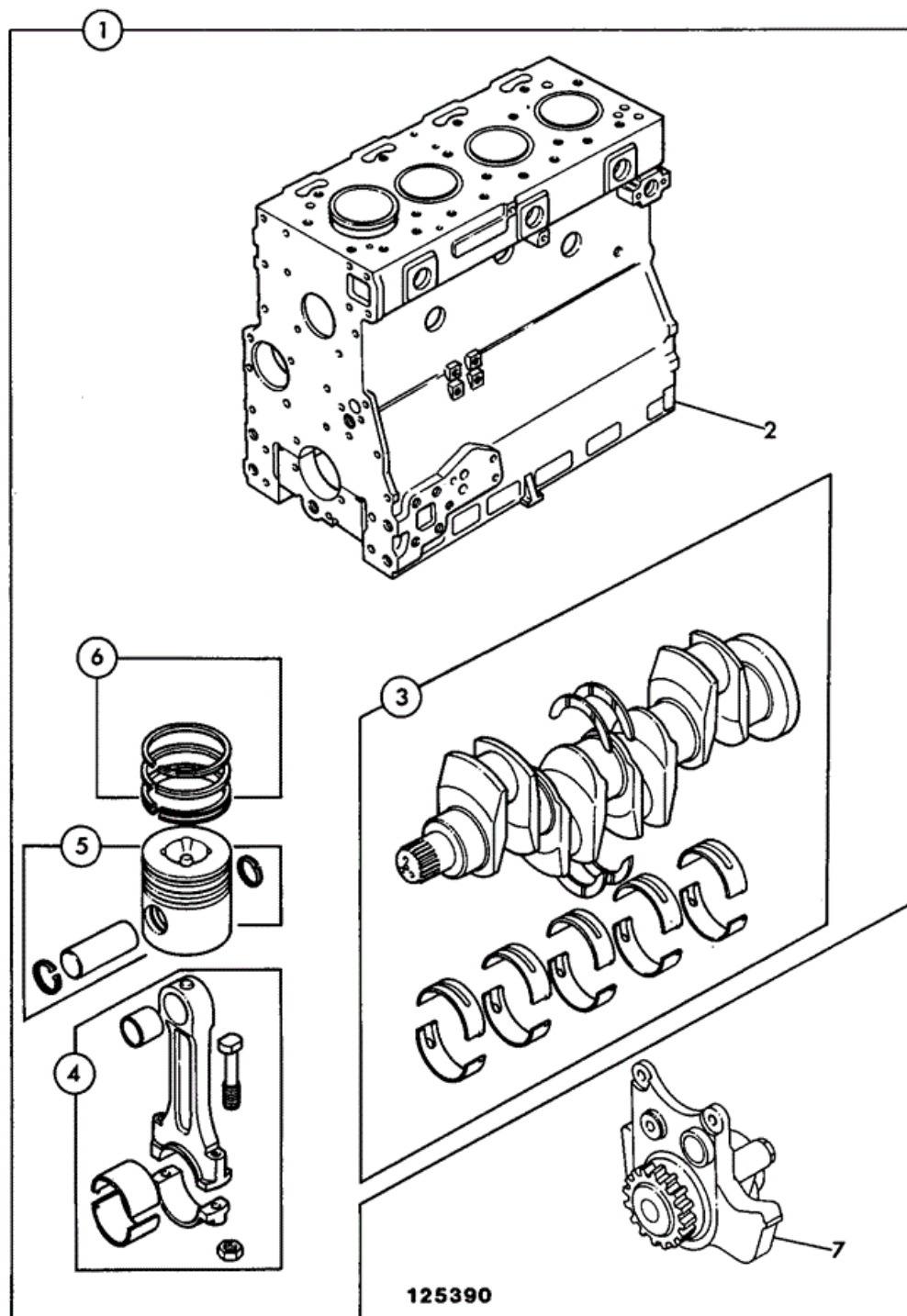




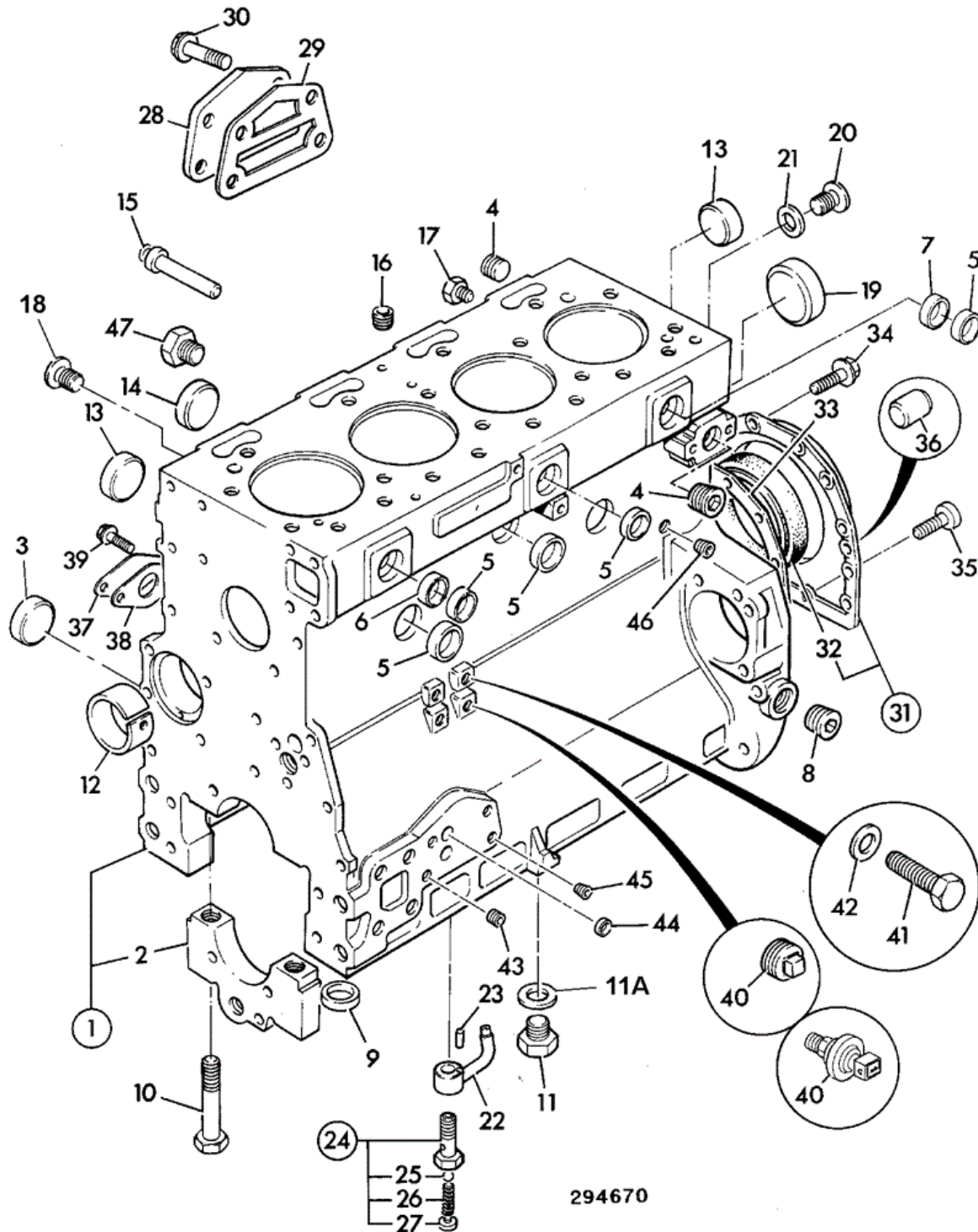
9802/7630 P1-2-1 ENGINE, SHORT AR BUILD



Item	Part #	Change No	Description	Usage Code	QTY
1	02/201800	Superseded	Engine short nat/asp		1
1	02/202382		Engine short		1
2	****		'See Remark' <i>See frame P1-3-1, Block assembly</i>		1
3	****		'See Remark' <i>See frame P1-4-1, Crankshaft assembly</i>		1
4	****		'See Remark' <i>See frame P1-4-1, Con-rod assembly</i>		4
5	****		'See Remark' <i>See frame P1-4-1, Piston assembly</i>		4
6	****		'See Remark' <i>See frame P1-4-1, Piston ring kit</i>		4
7	****		'See Remark' <i>See frame P5-2-1, Oil pump</i>		1



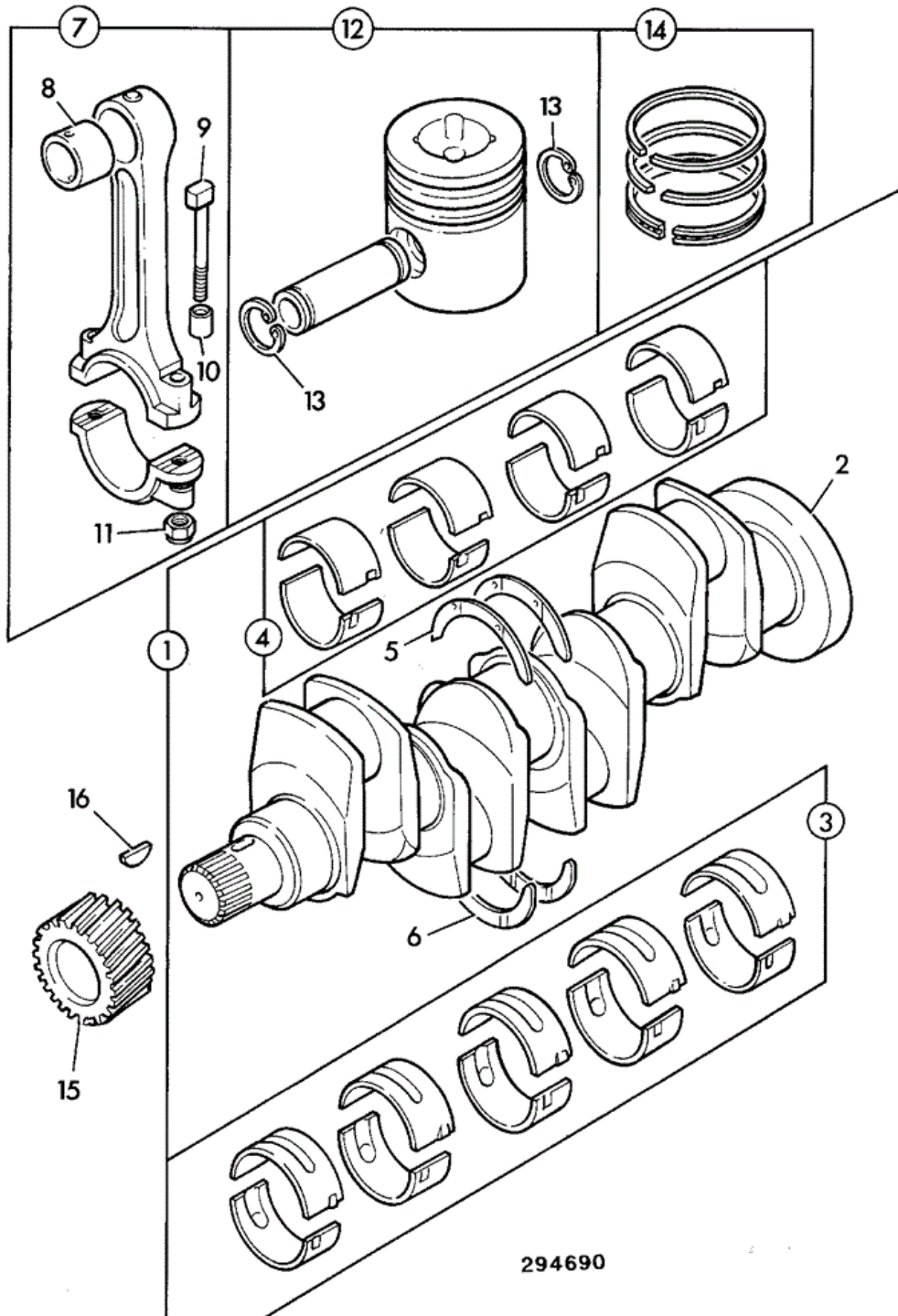
9802/7630 P1-3-1 BLOCK ASSEMBLY AR BUILD



Item	Part #	Change No	Description	Usage Code	QTY
1	02/201801		Block cylinder assembly		1
2	****		None serviced part		1

			<i>Block</i>		
3	****		None serviced part <i>Bearing cap</i>		5
4	:02/100134		Plug		2
5	:02/100396		Plug core D=32mm		5
6	:02/201802		Plug		1
7	****		'See Remark' <i>Not fitted or required</i>		0
8	:02/100134		Plug		1
9	:02/100101		Thimble		10
10	:02/100102		Bolt		10
11	:02/201803		Plug		3
12	:02/192001		Bush camshaft		1
13	:02/200454		Plug core D=38mm		4
14	:02/201361		Plug core D=38mm		4
15	:02/101827		Plug		1
16	:02/100108		Plug		1
17	:02/100132		Plug drain		1
18	02/200454		Plug core D=38mm		2
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	701/41600		Switch oil pressure M12 red body, AMP		1
41	1315/0402Z		Setscrew		1
42	823/00273		Washer		1
43	02/201364		Plug parallel threaded		2
44	02/201363		Plug core D=14mm		1
45	02/100409		Plug taper threaded		1
46	02/100134		Plug		1
47	02/100132		Plug drain		1

JCB 9802/7630 P1-4-1 CRANKSHAFT, BEARINGS PISTONS & CON-RODS AR BUILD



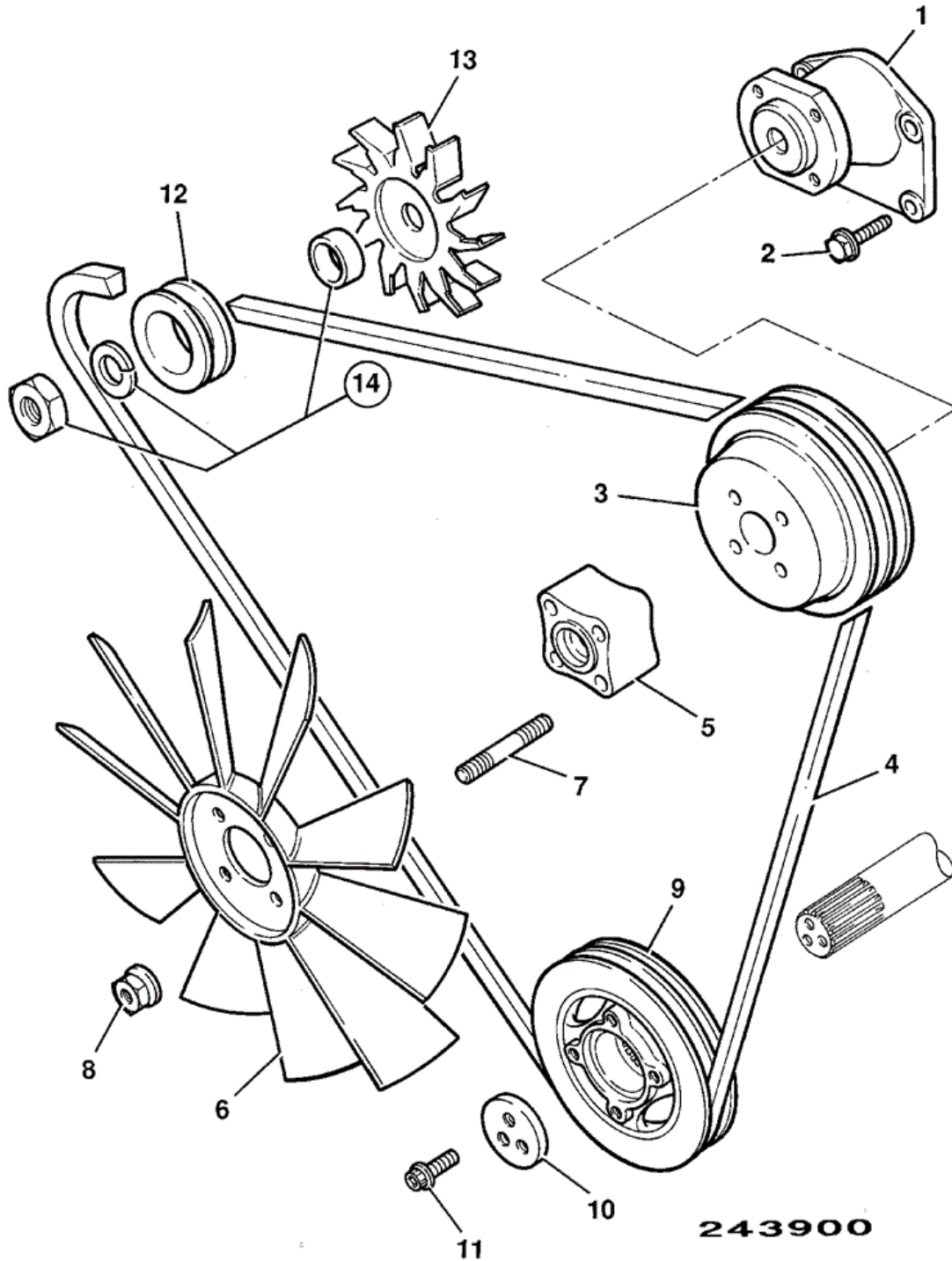
Item	Part #	Change No	Description	Usage Code	QTY
1	02/200915		Crankshaft assembly		1

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' <i>See Note 1</i>	0
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	:02/201807		Bush	1
9	:02/291072		Bolt	2
10	:02/201808		Thimble	2
11	:02/100128		Nut	2
12	02/201805		Piston assembly	4
12A	02/201790		Piston assembly oversize - +0.5mm	0
12B	02/201792		Piston assembly oversize - +1.00mm	0
13	:02/201151		Circlip	2
14	02/201804		Kit-piston ring	4
14A	02/201791		Kit-piston ring oversize - +0.5mm	0
14B	02/201793		Kit-piston ring oversize - +1.00mm	0
15	02/290001		Gear	1
16	02/100038		Key	2

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



9802/7630 P1-5-1 FANS, PULLEYS & FAN BELT AR BUILDS

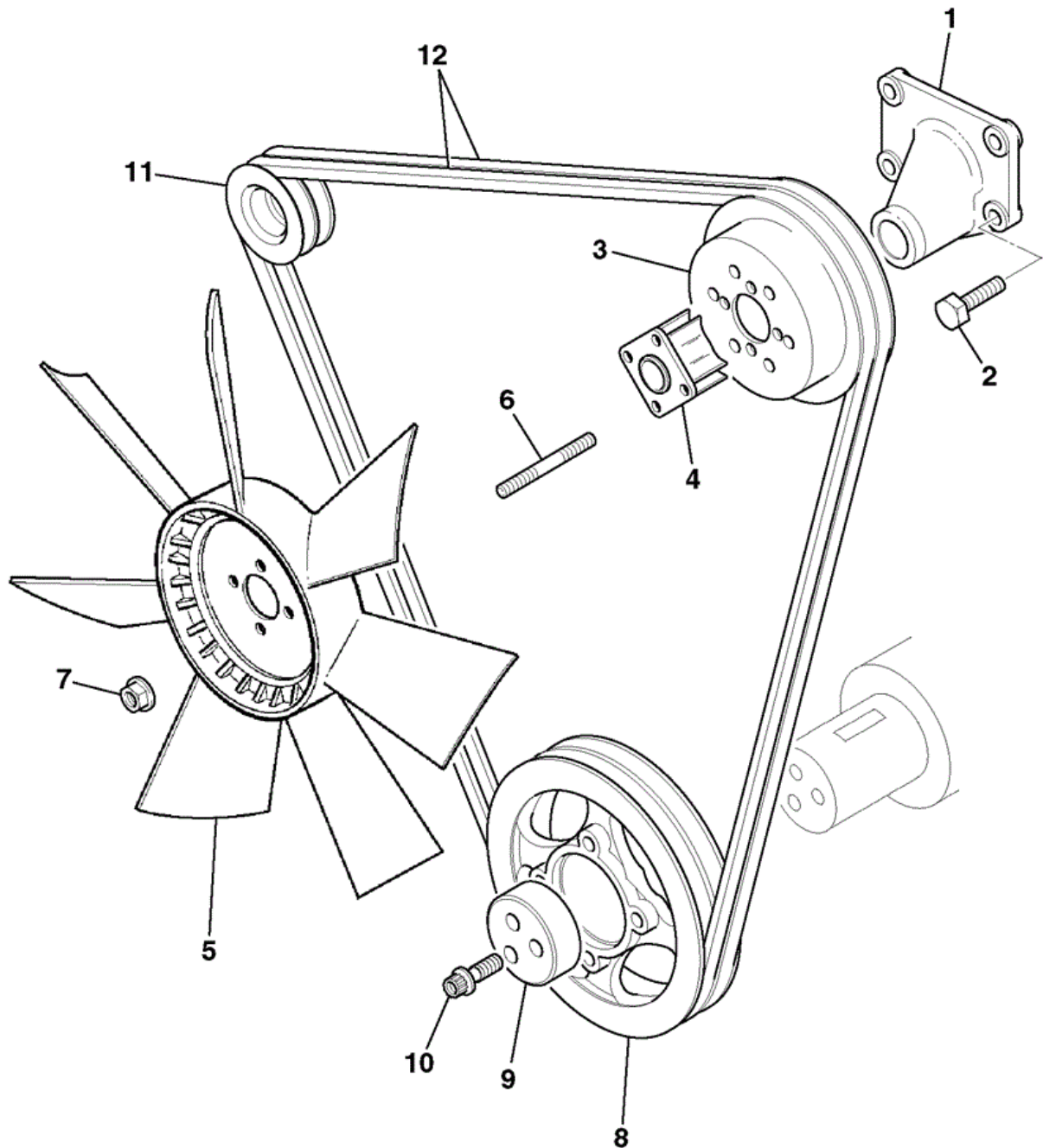


Item	Part #	Change No	Description	Usage Code	QTY
1	02/201357		Housing fan drive, assembly		1
2	02/291041		Bolt		4

3	02/201328		Pulley fan twin groove, 165mm		1
4	02/200739		Belt fan, pair		1
5	02/100097		Spacer fan 50.8mm		1
6	141/18300		Fan cooling, 18" 10 blades		1
7	02/291201		Stud		4
8	1370/0203Z		Nut Nut M8		4
9	02/200018		Pulley crankshaft twin groove		1
10	02/200017		Block Thrust		1
11	02/100579		Screw		3
12	02/200212		Pulley alternator D=86mm single groove		1
13	714/10812		Fan alternator		1
14	714/20405		Kit-sundry parts		1



9802/7630 P1-5-2 FANS, PULLEYS & FAN BELT AR BUILDS

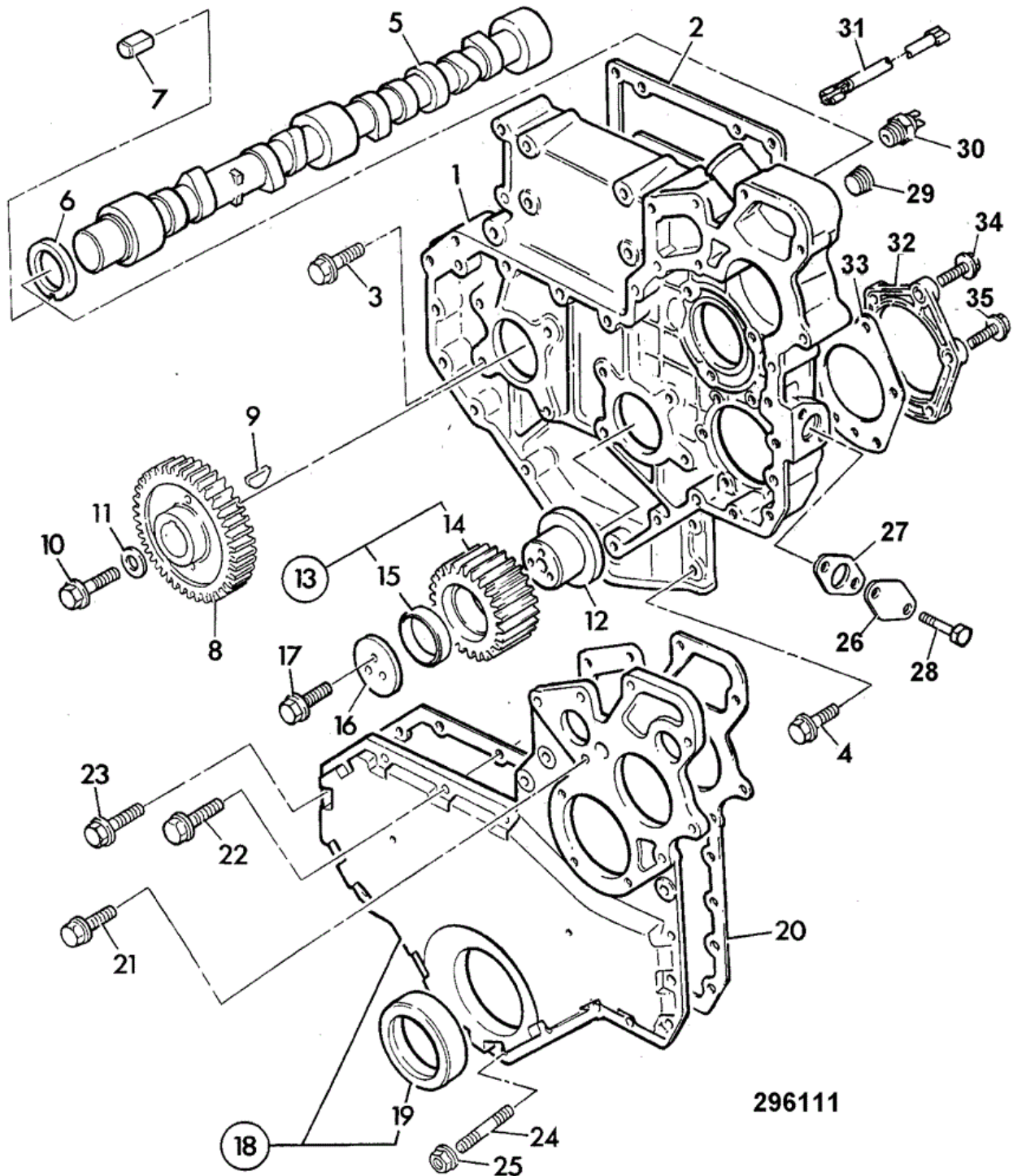


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Item	Part #	Change No	Description	Usage Code	QTY
1	02/201357		Housing fan drive, assembly		1
2	02/291041		Bolt		4

3	02/201329		Pulley fan twin groove, 205mm		1
4	02/100097		Spacer fan 50.8mm		1
5	30/925547		Fan 18" Puller 7 blade cooling		1
6	02/291201		Stud		4
7	1370/0203D		Nut Lock M8		4
8	02/200018		Pulley crankshaft twin groove		1
9	02/200017		Block Thrust		1
10	02/100579		Screw		3
11	02/202437		Pulley alternator D=86mm single groove		1
12	02/200738		Belt fan, pair		1

9802/7630 P1-6-1 TIMING CASE CAMSHAFT & GEARS AR BUILD

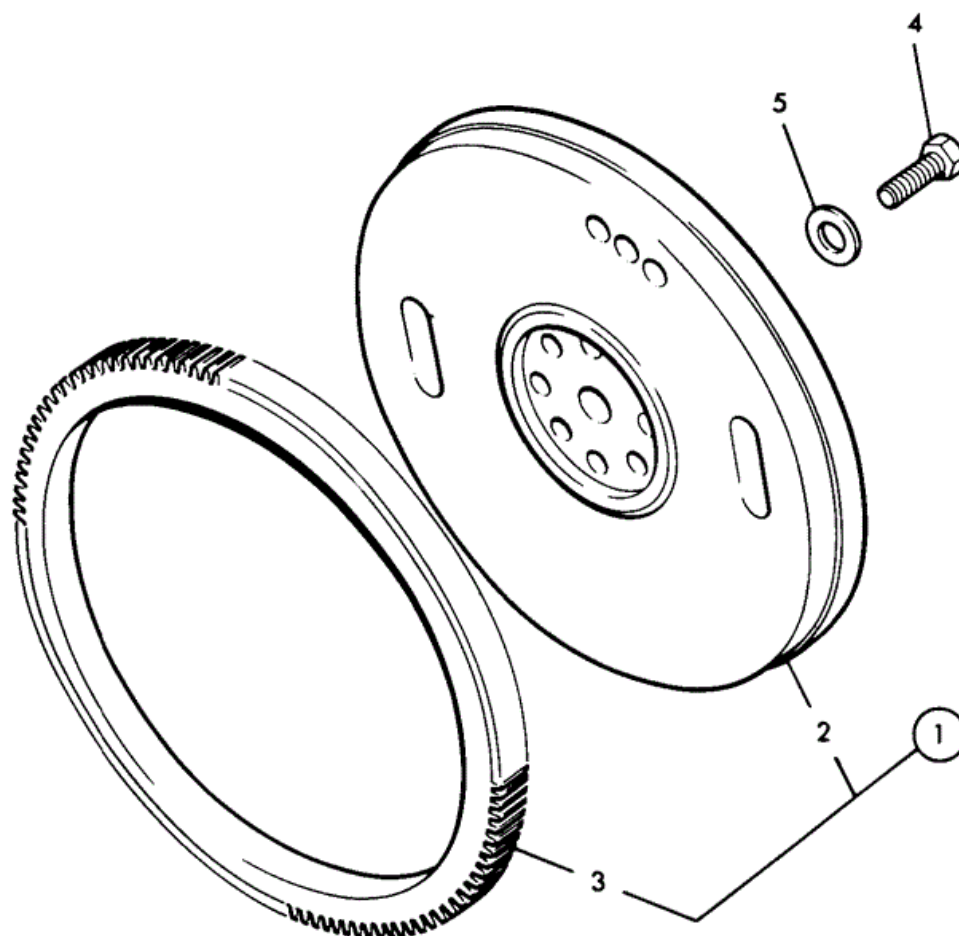


Item	Part #	Change No	Description	Usage Code	QTY
1	02/201823		Case timing		1

2	02/200872		Gasket t/case to block	1
3	826/00869		Screw flange head	8
4	02/291033		Bolt	4
5	02/201824		Camshaft	1
6	02/192064		Washer thrust	1
7	2102/0604		Dowel	1
8	02/190034		Gear camshaft	1
9	02/100038		Key	1
10	02/291196		Screw	1
11	02/291065		Washer	1
12	02/100041		Hub	1
13	02/190033		Gear idler assembly	1
14	:N.S.P.		None serviced part <i>Gear</i>	1
15	:02/192016		Bush	2
16	02/201288		Plate	1
17	02/291073		Screw	3
18	02/201720		Cover timing	1
19	:02/101435		Seal front oil	1
20	02/201825		Gasket timing gear cover	1
21	02/291026		Bolt	6
22	02/291018		Bolt	8
23	02/291017		Screw	1
24	02/291052		Stud	2
25	02/291058		Nut flanged M8	2
26	02/200313		Plate blanking	1
27	02/201255		Gasket	1
28	826/00869		Screw flange head	2
29	02/100095		Plug taper	1
30	701/60027		Sender cold start	1
31	721/00447		Lead waxtat cold start	1
32	02/201556		Plate cover	1
33	02/200035		Gasket	1
34	02/291220		Screw	5
35	826/00901		Screw	1



9802/7630 P1-7-1 FLYWHEEL

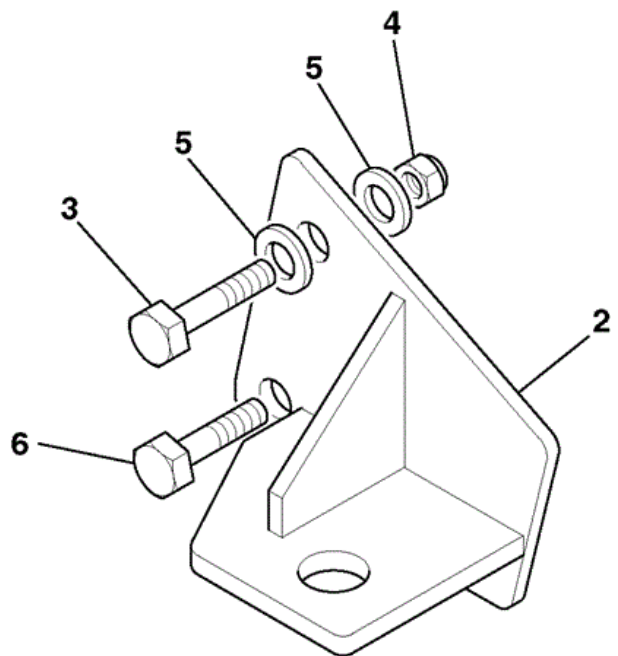
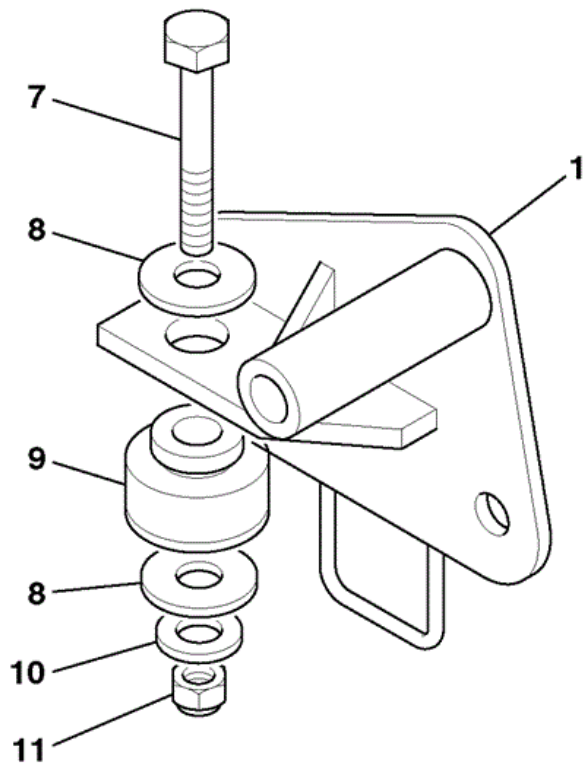


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Item	Part #	Change No	Description	Usage Code	QTY
1	02/101737		Flywheel assembly		1
2	****		None serviced part		1
3	:02/100078		Gear starter ring		1
4	02/100570		Setscrew		6
5	02/200725		Washer		6



9802/7630 P1-8-1 ENGINE MOUNTINGS



303900

Item	Part #	Change No	Description	Usage Code	QTY
1	191/84200		Bracket engine mounting left hand		1
1	335/03069		Bracket engine mounting left hand		1

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