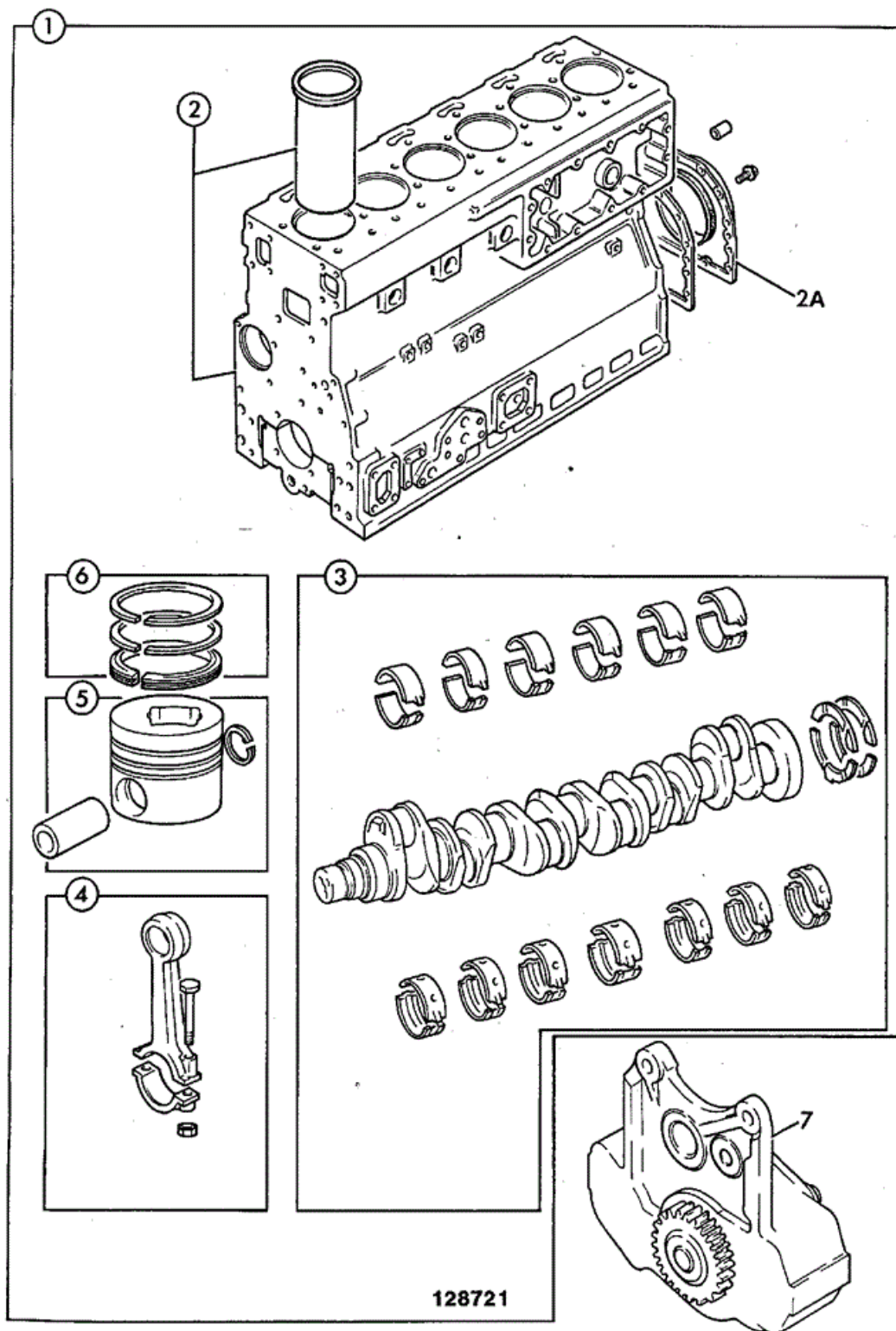


Item	Part #	Change No	Description	Usage Code	QTY
1	01/131700		Engine complete, 1006-6t turbocharged		1



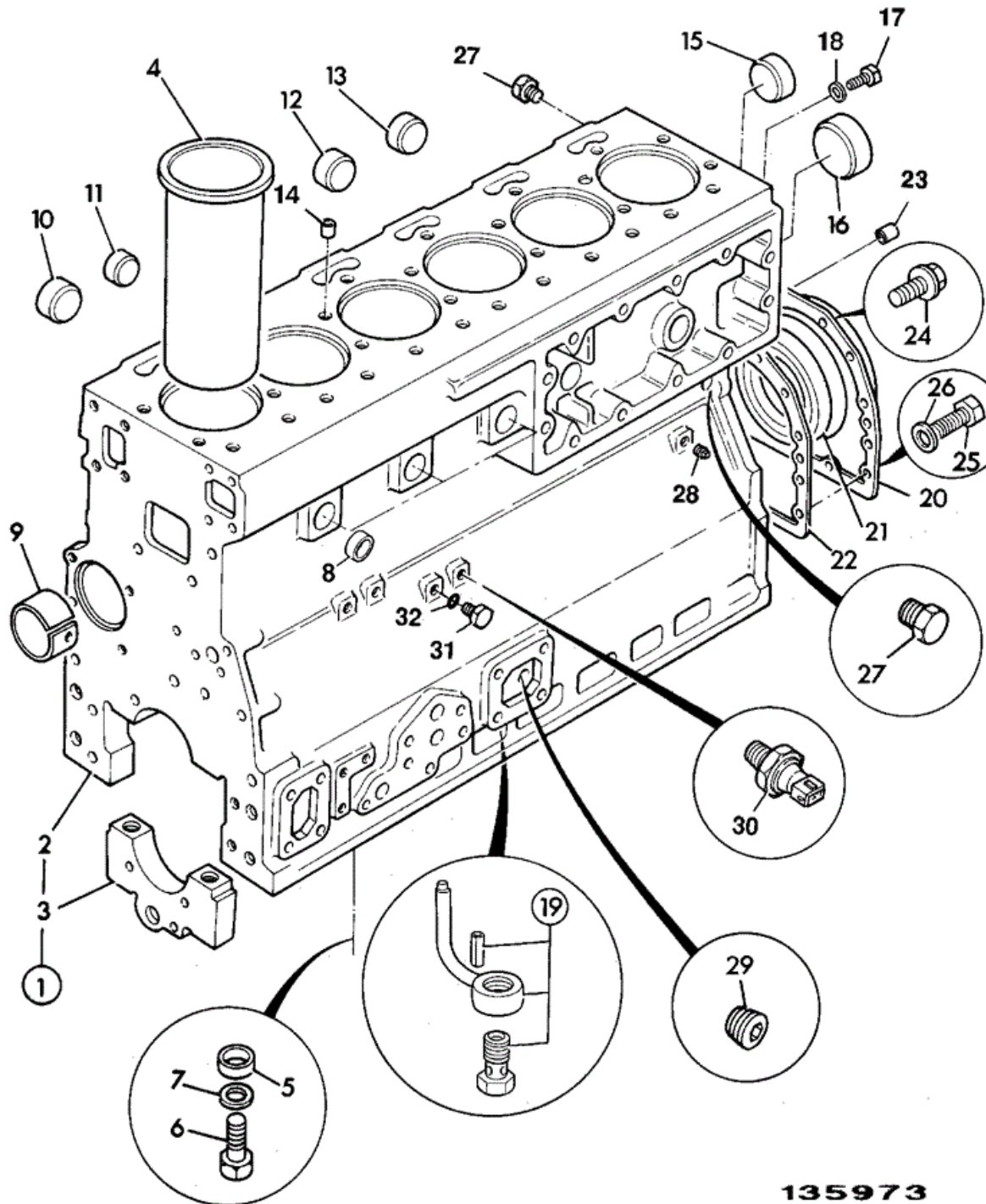
9802/2420 R1-2-1 ENGINE, SHORT YB BUILD



Item	Part #	Change No	Description	Usage Code	QTY
1	02/200664		Engine short		1
2	****		'See Remark' <i>See frame R1-3-2, Block assembly</i>		1
2A	****		'See Remark' <i>See frame R1-3-2, Housing, rear seal assy</i>		1
3	****		'See Remark' <i>See frame R1-4-4, Crankshaft assembly</i>		1
4	****		'See Remark' <i>See frame R1-4-2, Con-rod assembly</i>		6
5	****		'See Remark' <i>See frame R1-4-4, Piston assembly</i>		6
6	****		'See Remark' <i>See frame R1-4-2, Piston ring kit</i>		6
7	****		'See Remark' <i>See frame R5-2-2, Oil pump</i>		1



9802/2420 R1-3-1 BLOCK ASSEMBLY YB BUILD

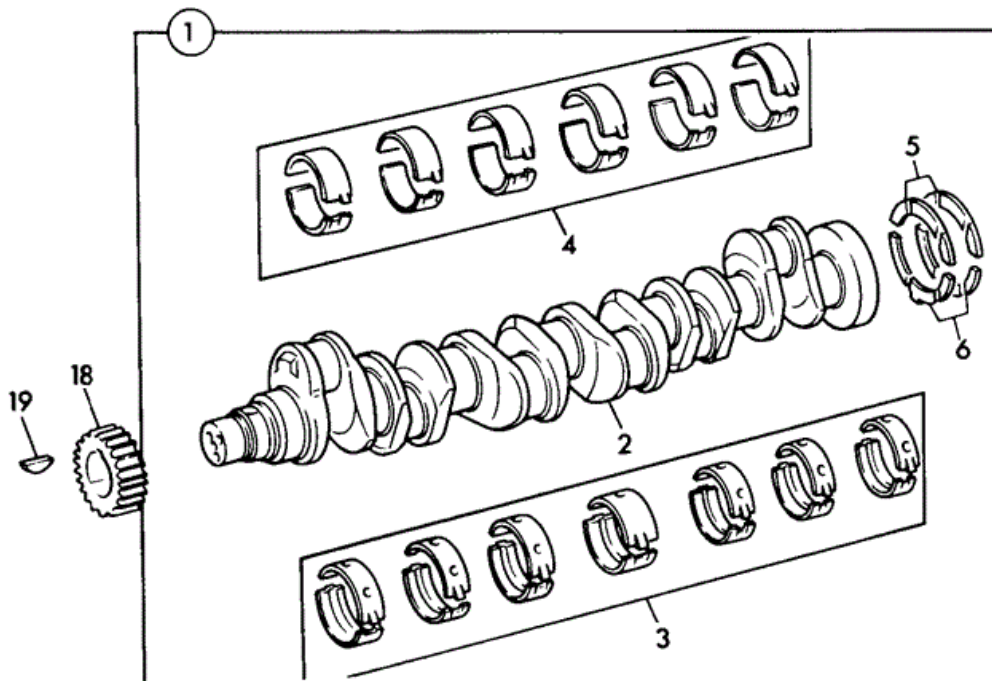
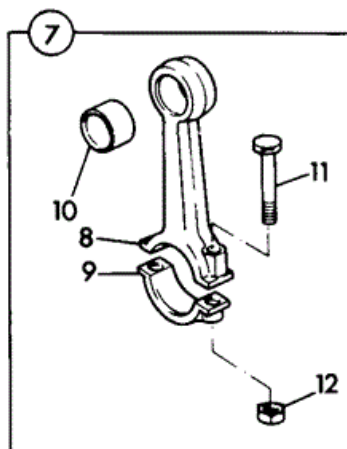
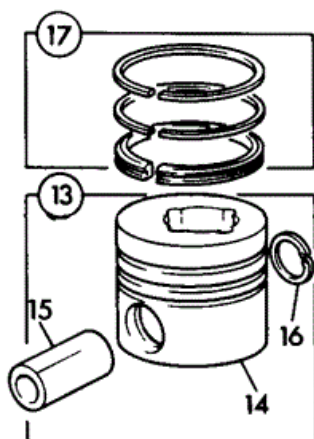


135973

Item	Part #	Change No	Description	Usage Code	QTY
1	02/200490		Block assembly		1
2	****		None serviced part <i>Block</i>		1
3	****		None serviced part <i>Cap</i>		7
4	:02/200949		Liner cylinder, press fit		6
4	02/200002		Liner cylinder, slip fit		0
5	:02/100101		Thimble		14
6	:02/100102		Bolt		14
7	:02/100615		Washer		14
8	:02/200454		Plug core D=38mm		6
9	:02/192001		Bush camshaft		1
10	:02/200454		Plug core D=38mm		3
11	:02/200454		Plug core D=38mm		3
12	:02/200454		Plug core D=38mm		5
13	:02/101827		Plug		1
14	:02/100108		Plug		1
15	:02/200454		Plug core D=38mm		1
16	:02/100107		Plug core D=50mm		1
17	02/100111		Plug		1
18	02/200828		Washer		1
19	****		'See Remark' <i>See frame R5-3-1</i>		6
20	:02/200958		Housing rear seal		1
21	:02/101436		Seal rear oil		1
22	02/201092		Gasket rear seal housing		1
23	02/100308		Dowel		2
24	826/00869		Screw flange head		12
25	1391/3307Z		Capscrew M8x25mm		2
26	02/100307		Washer		2
27	02/100132		Plug drain <i>Water drain</i>		2
27	02/100335		Tap drain <i>Alternative</i>		0
28	826/00765		Plug		2
29	02/100409		Plug taper threaded		2
30	701/41500		Switch oil pressure		1
31	1315/0402Z		Setscrew		1
32	823/00273		Washer		1
33	02/201302		Dowel <i>Used only with 02/200490</i>		2



9802/2420 R1-4-1 CRANKSHAFT, BEARINGS PISTONS & CON-RODS YB BUILD



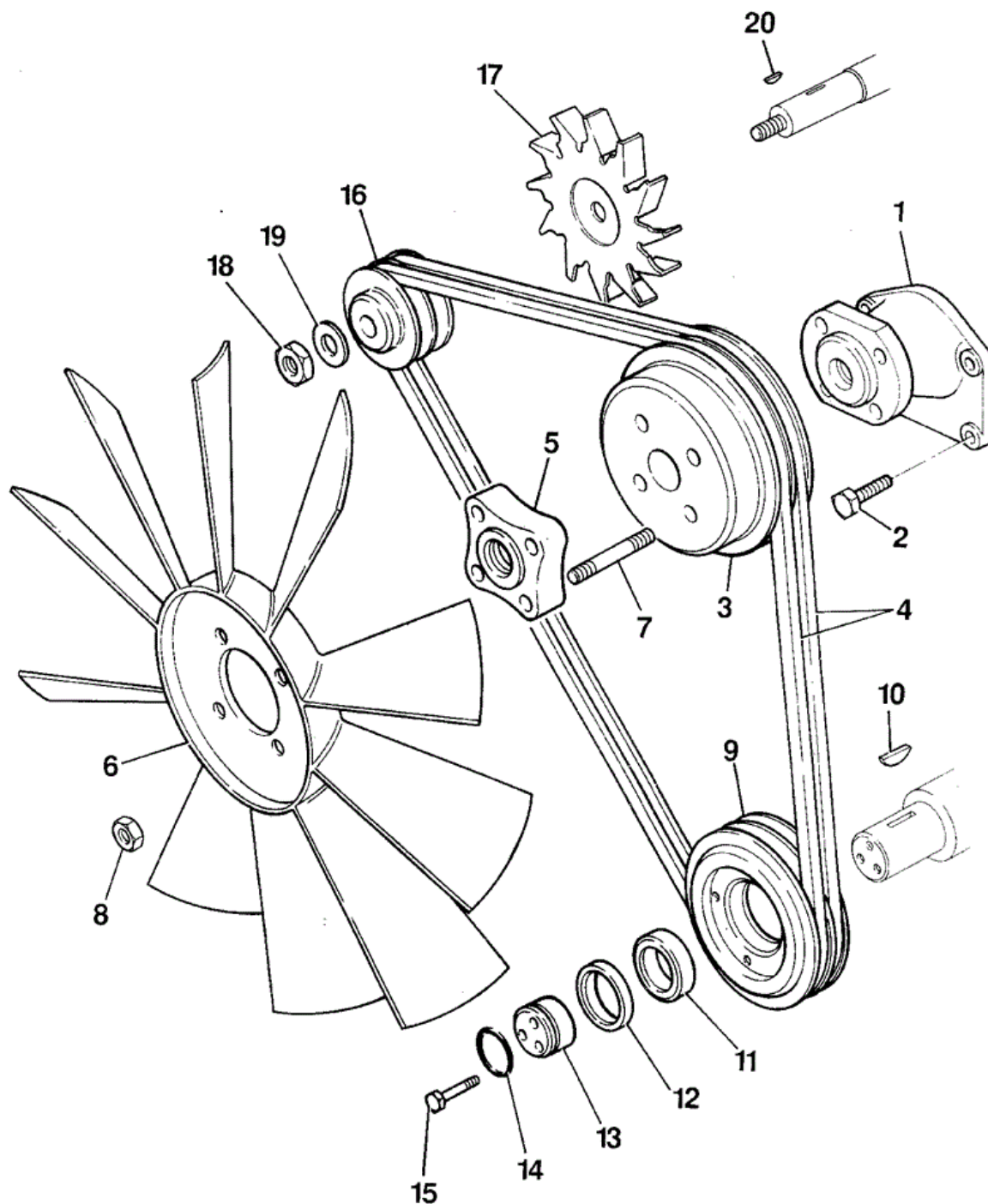
096870

Item	Part #	Change No	Description	Usage Code	QTY
1	02/200385	Superseded	Crankshaft assembly	P/Ex	1
1	02/202492		Crankshaft assembly		1
2	****		None serviced part <i>Crankshaft</i>		1
3	:02/290010		Kit-bearing main standard		1
3	02/290011		Kit-bearing main undersize - 0.25mm		1

3	02/290012		Kit-bearing main undersize - 0.50mm	1
3	02/290013		Kit-bearing main undersize - 0.75mm	1
4	:02/290018		Kit-bearing big end standard	1
4	02/290019		Kit-bearing big end undersize - 0.25mm	1
4	02/290020		Kit-bearing big end undersize - 0.50mm	1
4	02/290021		Kit-bearing big end undersize - 0.75mm	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	02/101632	Superseded	Rod assembly connecting	6
7	02/102291		Rod connecting	6
8	****		None serviced part <i>Rod</i>	1
9	****		None serviced part <i>Cap</i>	1
10	:02/192019		Bush small end	1
11	:02/291072		Bolt	2
12	:02/100128		Nut	2
13	02/200860	Superseded	Piston assembly	6
13	M.S.S		Multi Supersession <i>Part N.L.A use item 13A in Engine Sets ONLY.</i>	1
13A	02/202245		Piston assembly	6
14	****		None serviced part <i>Piston</i>	1
15	****		None serviced part <i>Gudgeon pin</i>	1
16	:02/100129		Circlip	2
17	02/201140		Kit-piston ring	6
18	02/290001		Gear	1
19	02/100038		Key	1



9802/2420 R1-5-2 FANS, PULLEYS & FAN BELT YB BUILD



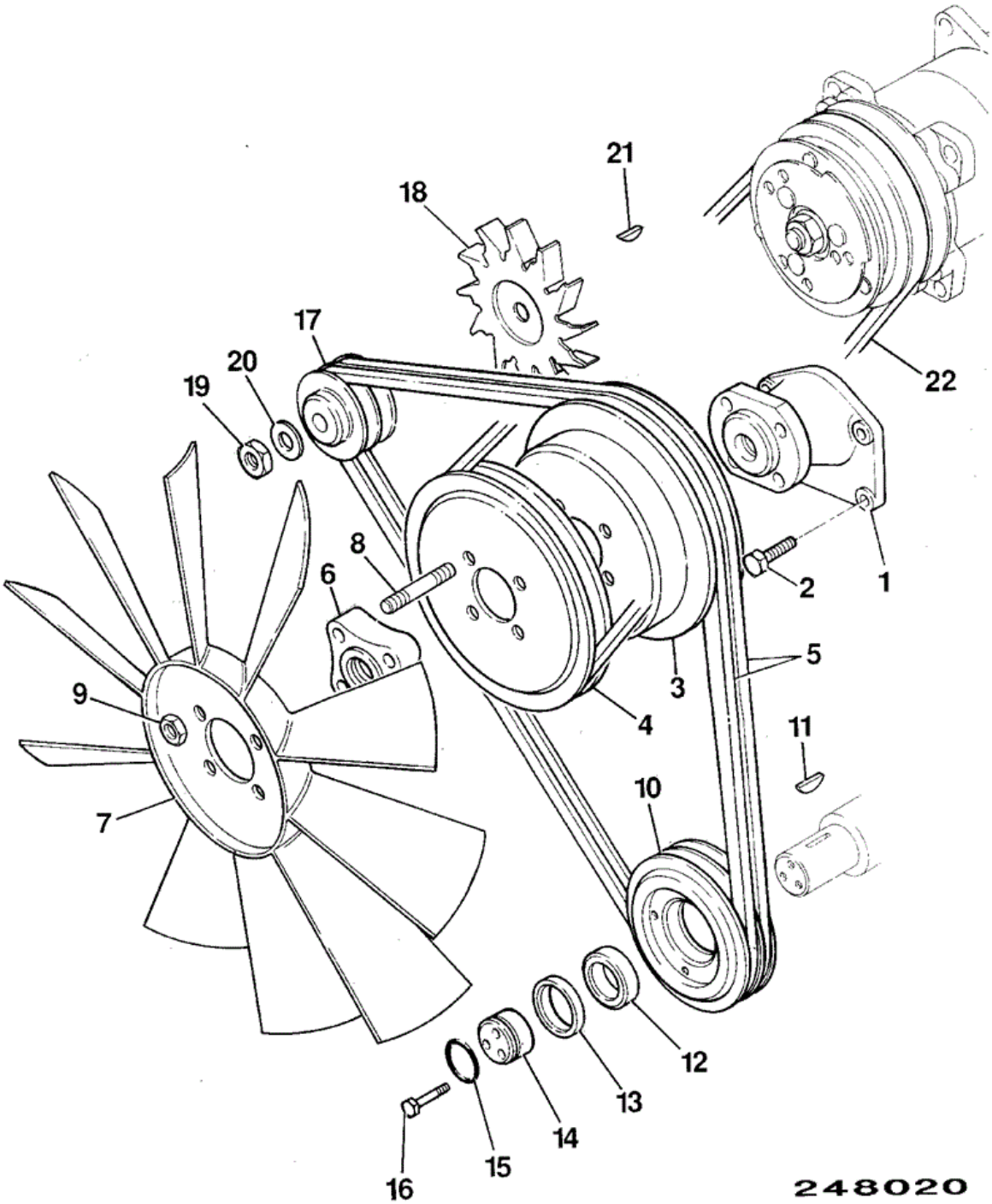
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Item	Part #	Change No	Description	Usage Code	QTY
1	02/201357		Housing fan drive, assembly		1
2	02/291041		Bolt		4
3	02/201329		Pulley fan twin groove, 205mm		1

4	02/200358		Belt fan, pair		1
5	02/201385		Spacer fan 63.5mm		1
6	265/00689		Fan cooling 26"		1
7	02/291207		Stud		4
8	1370/0203Z		Nut Nut M8		4
9	02/200675		Pulley crankshaft		1
10	02/100380		Key		1
11	02/200228		Spacer		1
12	02/100408		Ring assembly Locking		1
13	02/100587		Block Thrust		1
14	828/00124		O Ring		1
15	02/100579		Screw		3
16	263/21401		Pulley alternator		1
17	714/14721		Fan alternator		1
18	714/11524		Nut		1
19	714/11523		Washer		1
20	714/11518		Key		1



9802/2420 R1-5-4 FANS, PULLEYS & FAN BELTS OPTIONAL
AIR CONDITIONING, YB BUILD

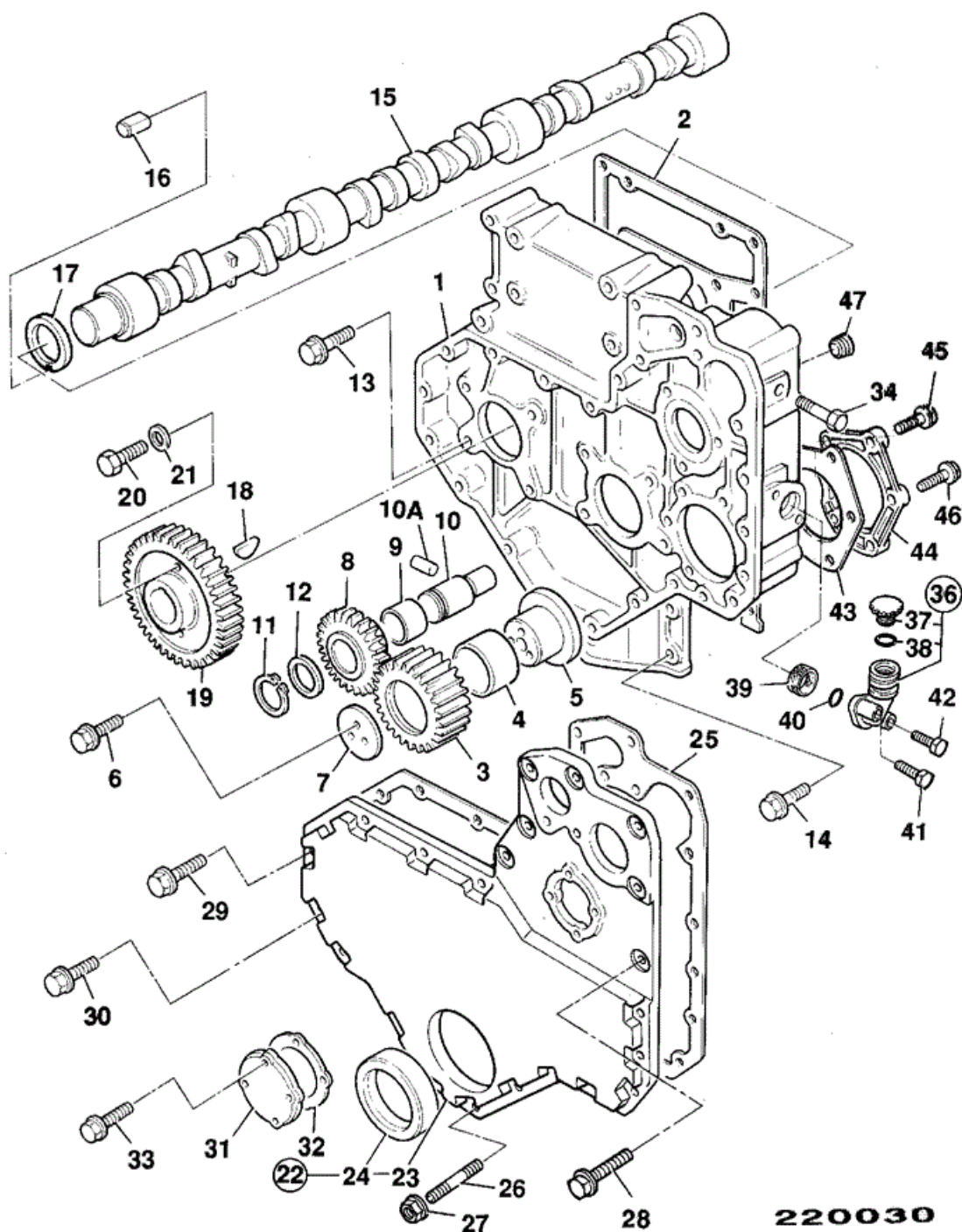


Item	Part #	Change No	Description	Usage Code	QTY
1	02/201357		Housing fan drive, assembly		1

2	02/291041		Bolt		4
3	02/201329		Pulley fan twin groove, 205mm		1
4	02/201345		Pulley fan drive, single auxiliary		1
5	02/200358		Belt fan, pair		1
6	02/201385		Spacer fan 63.5mm		1
7	265/00689		Fan cooling 26"		1
8	02/291207		Stud		4
9	1370/0203Z		Nut Nut M8		4
10	02/200675		Pulley crankshaft		1
11	02/100380		Key		1
12	02/200228		Spacer		1
13	02/100408		Ring assembly Locking		1
14	02/100587		Block Thrust		1
15	828/00124		O Ring		1
16	02/100579		Screw		3
17	263/21401		Pulley alternator		1
18	714/14721		Fan alternator		1
19	714/11524		Nut		1
20	714/11523		Washer		1
21	714/11518		Key		1
22	263/10402		Belt drive		1



9802/2420 R1-6-1 TIMING CASE CAMSHAFT & GEARS YB BUILD



Item	Part #	Change No	Description	Usage Code	QTY
1	02/200830		Case timing		1
2	02/200022		Gasket t/case to block		1
3	02/190033		Gear idler assembly		1
4	:02/192016		Bush		1
5	02/100041		Hub		1

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