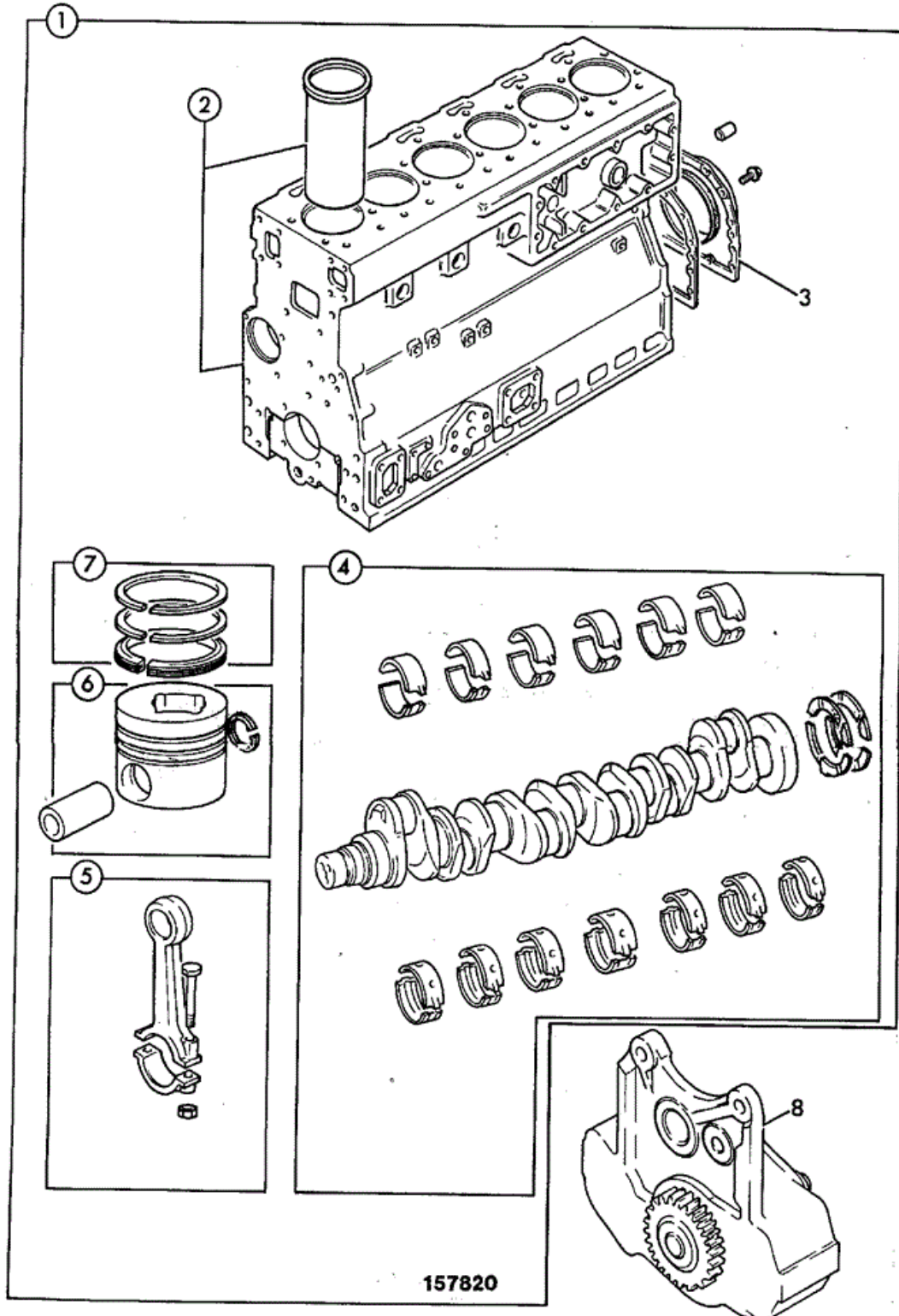




9802/6500 T1-2-2 ENGINE, SHORT YB BUILD

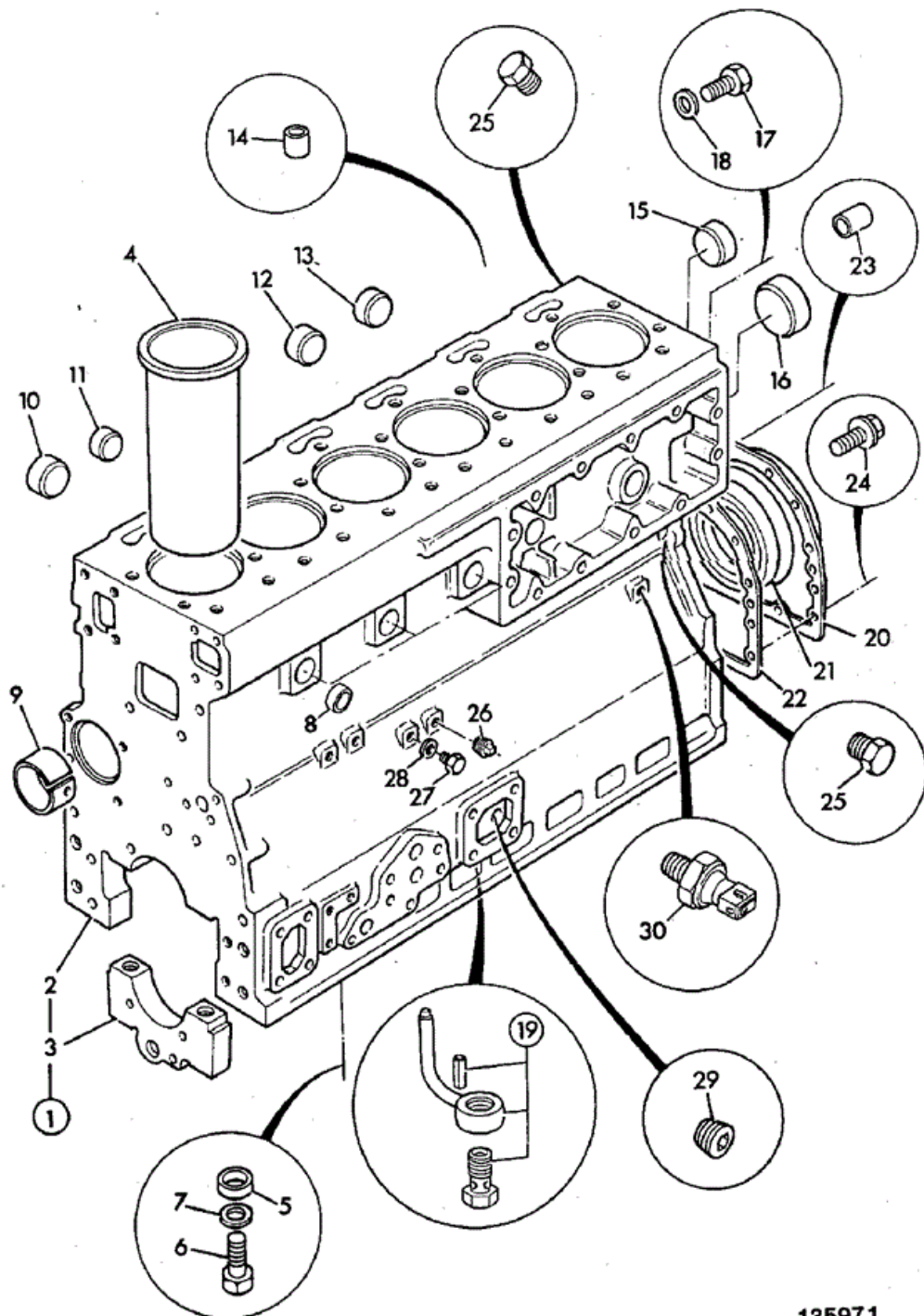


Item	Part #	Change No	Description	Usage Code	QTY
1	02/200661	Superseded	Engine short, 1006.6T <i>Services Engine builds YB50375 & YB50431</i>		1
1	02/200663		Engine short, 1006-6T,turbo		1
2	****		'See Remark' <i>See frame T1-3-2 - Block assembly</i>		1
3	****		'See Remark' <i>See frame T1-3-2 - Housing,rear seal assembly</i>		1
4	****		'See Remark' <i>See frame T1-4-2 - Crankshaft assembly</i>		6
5	****		'See Remark' <i>See frame T1-4-2 - Con-rod assembly</i>		6
6	****		'See Remark' <i>See frame T1-4-2 - Piston assembly</i>		6
7	****		'See Remark' <i>See frame T1-4-2 - Piston ring kit</i>		1
8	****		'See Remark' <i>See frame T5-2-2 - Oil pump</i> <i>See Note 1</i>		1

Note 1: Not included with item 1.



9802/6500 T1-3-2 BLOCK ASSEMBLY YB BUILD

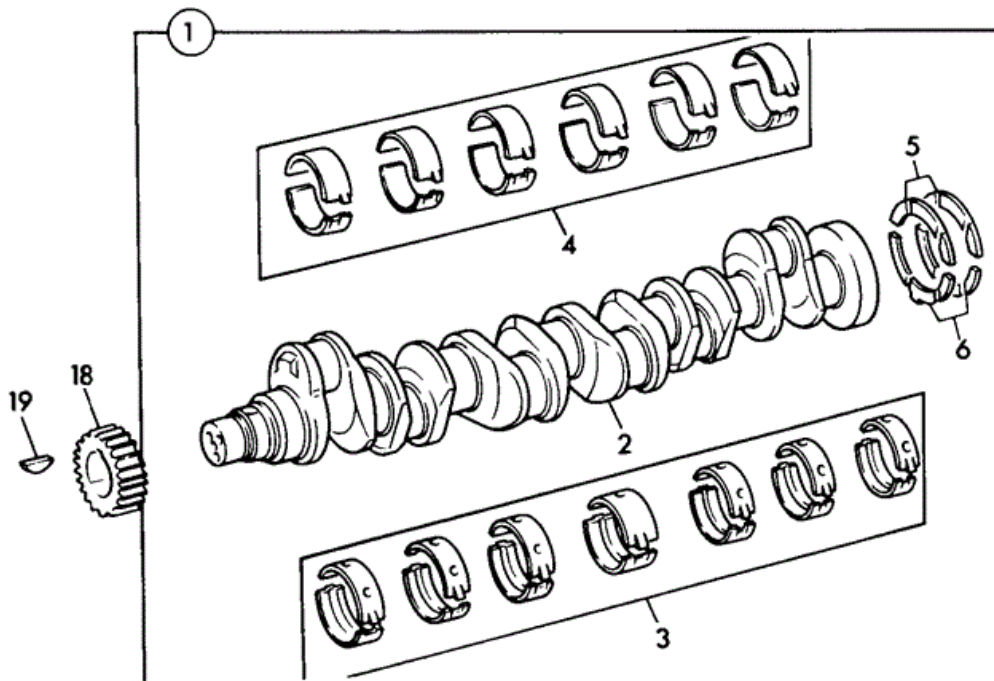
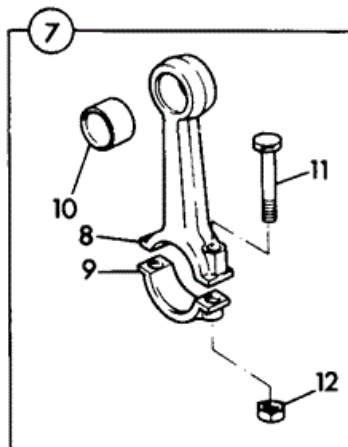
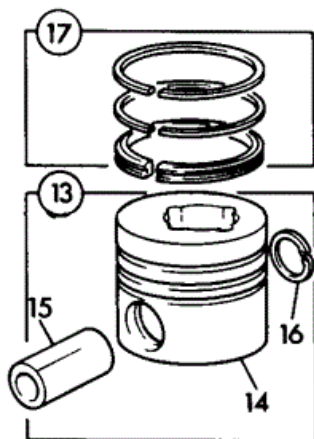


135971

Item	Part #	Change No	Description	Usage Code	QTY
1	02/200390		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 <i>See Note 1</i>		6
4	02/200002		Liner cylinder, slip fit		0
5	:02/100101		Thimble		14
6	:02/100102		Bolt		14
7	****		'See Remark' <i>Not fitted or required</i>		0
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	:823/00276		Washer		1
19	****		'See Remark' <i>See frame R5-3-1</i>		6
20	02/200523	Superseded	Housing rear seal		1
20	M.S.S	<EU559652X	Multi Supersession <i>See Note 2</i>		1
20A	02/200958	>EU559653X	Housing rear seal		1
21	:02/101436		Seal rear oil		1
22	02/100113	<EU559652X	Gasket rear seal housing		1
22A	02/201092	>EU559653X	Gasket rear seal housing		1
23	02/100308		Dowel		2
24	826/00869		Screw flange head		10
24A	826/00869	>EU559653X	Screw flange head		2
25	02/100132		Plug drain <i>Water drain</i>		2
25	02/100335		Tap drain <i>Alternative</i>		0
26	826/00765		Plug		1
27	****		'See Remark' <i>Not fitted or required</i>		1
28	****		'See Remark' <i>Not fitted or required</i>		1
29	02/100409		Plug taper threaded <i>Oil drain</i>		2
30	701/26800	Superseded	Switch oil pressure engine		1
30	701/41500	Superseded	Switch oil pressure		1
30	701/80225		Switch oil pressure 1/8" NPTF,AMP		1

Note 1: Special tools for fitting, boring and honing required, For General Service use slip-fit.

Note 2: Part No Longer Available use 20A with items 22A,24A and 1 off 02/201094.



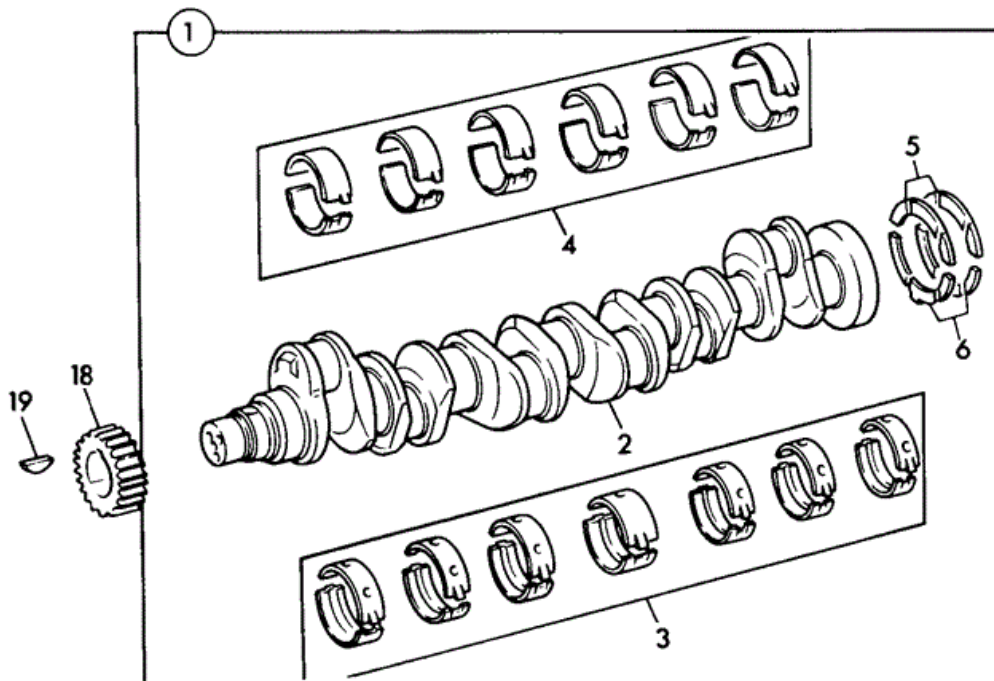
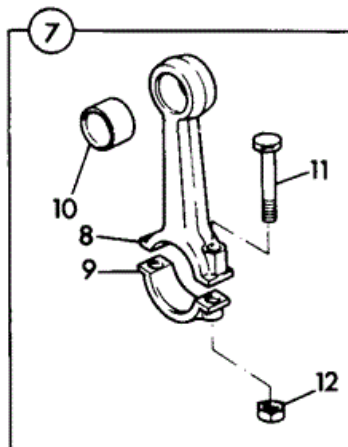
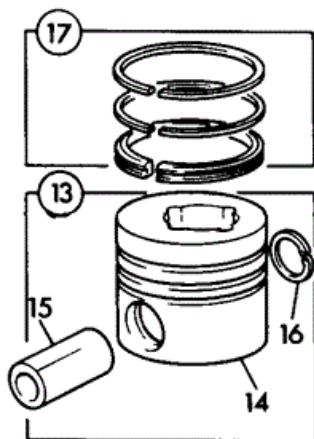
096870

Item	Part #	Change No	Description	Usage Code	QTY
1	02/200385	Superseded	Crankshaft assembly <i>See Note 1</i>	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	02/200689	Superseded	Piston assembly		6
13	02/200782	Superseded	Piston assembly		6
13	M.S.S		Multi Supersession <i>Part N.L.A use 13A with item 17A X 6</i> <i>See Note 2</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	02/200020		Kit-piston ring		6
17A	02/201140		Kit-piston ring		6
18	02/290001		Gear		1
19	02/100038		Key		1

Note 1: Items listed on this frame are for Engine Builds YB50375 and YB50431.

Note 2: MUST BE FITTED IN ENGINE SETS ONLY



096870

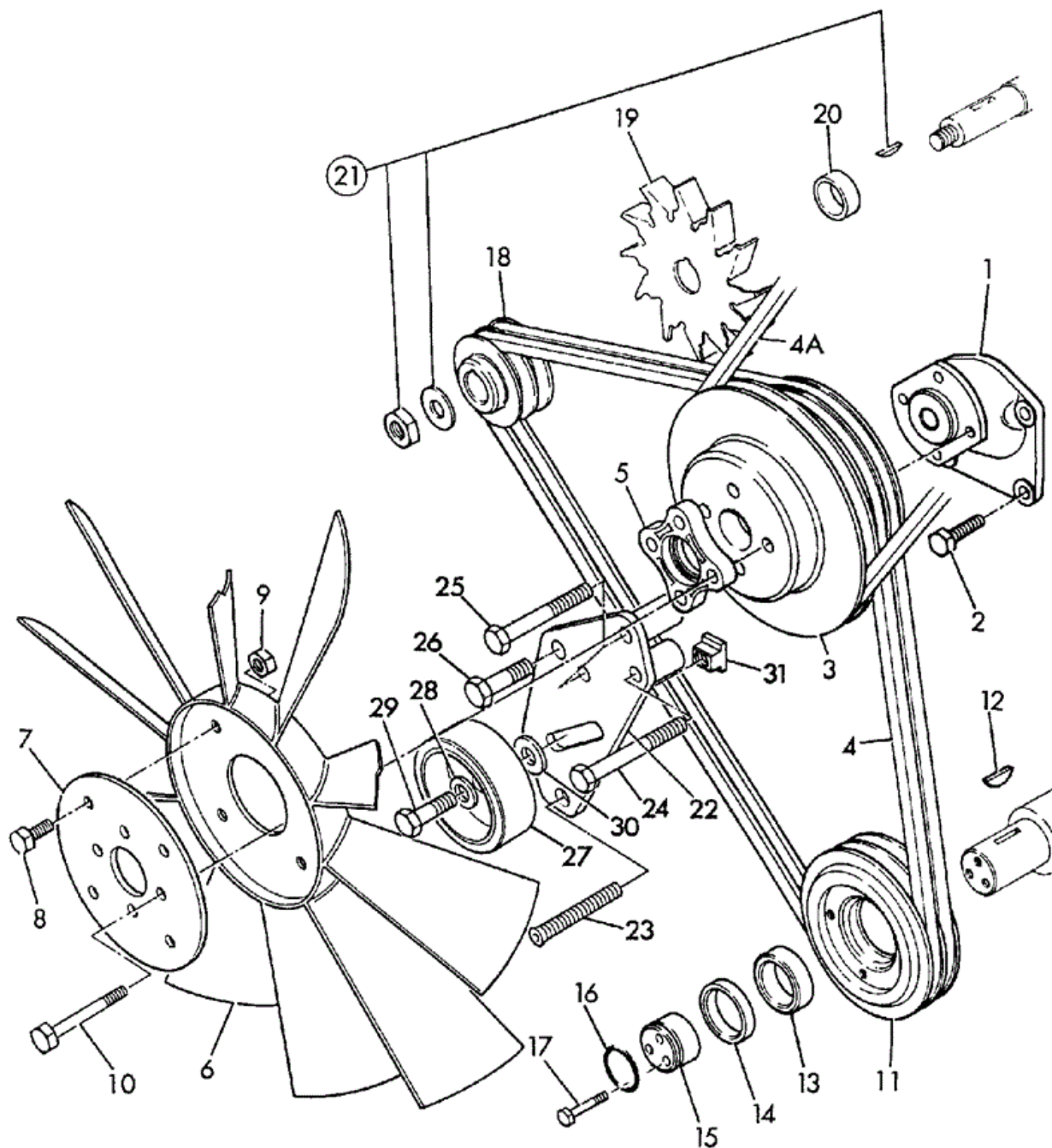
Item	Part #	Change No	Description	Usage Code	QTY
1	02/200385	Superseded	Crankshaft assembly <i>See Note 1</i>	P/Ex	1
1	02/202492		Crankshaft assembly		1
2	****		None serviced part <i>Crankshaft</i>		1
3	:02/290010		Kit-bearing main standard		1

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	02/200870		Piston assembly <i>Single cylinder replacement only.Raise techweb call for correct replacement part</i>	6
13.1	333/C8179		Kit piston 6 cyl full engine set	1
14	****		None serviced part <i>Piston</i>	1
15	****		None serviced part <i>Gudgeon pin</i>	1
16	:02/100129		Circlip	2
17	02/200859	Superseded	Kit-piston ring	6
17	02/201140		Kit-piston ring	6
18	02/290001		Gear	1
19	02/100038		Key	1

Note 1: Items listed on this frame are for Engine Build YB50436.



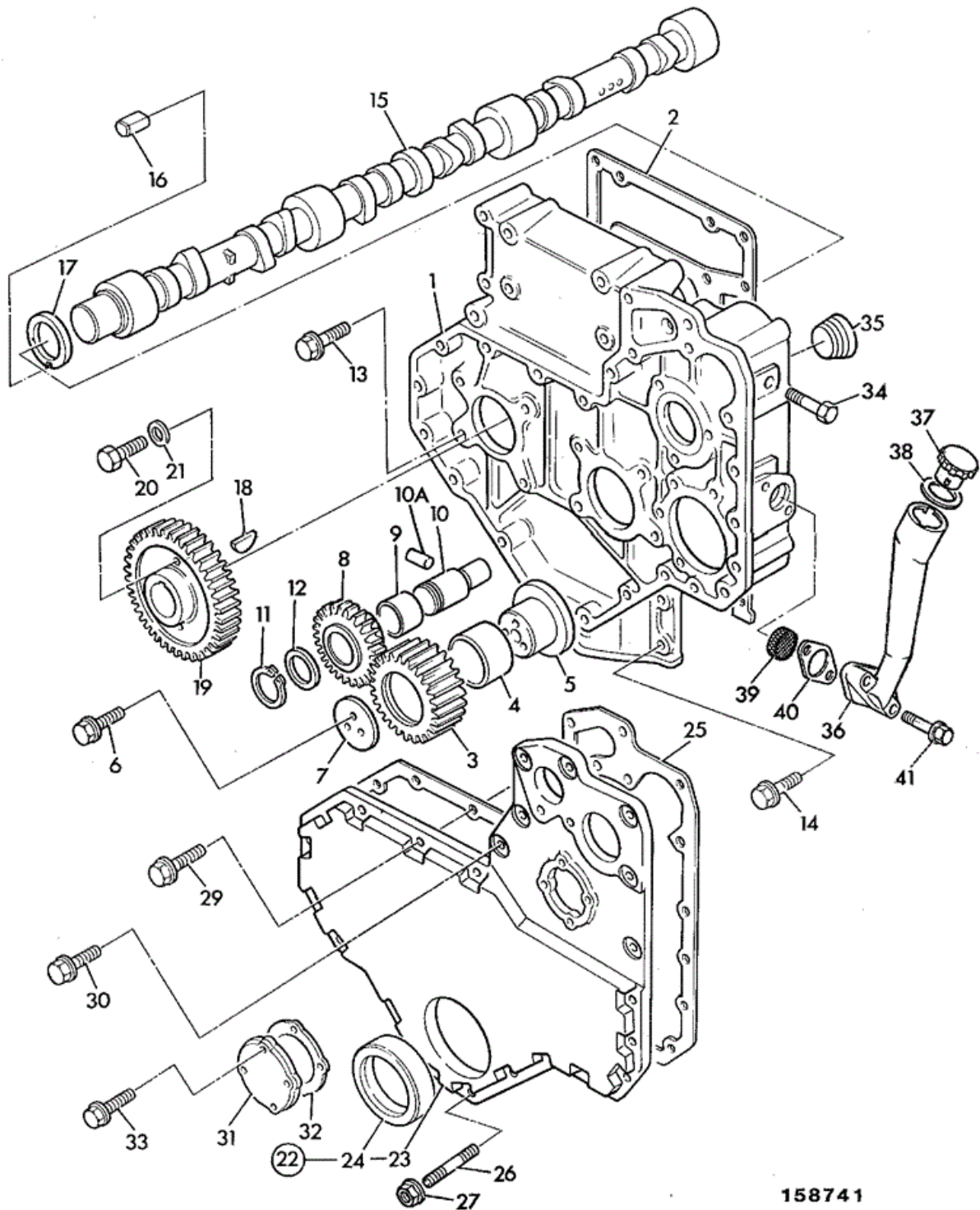
9802/6500 T1-5-3 FANS, PULLEYS & FAN BELT YB BUILD



158901

Item	Part #	Change No	Description	Usage Code	QTY

1	02/200370		Housing assembly, fan drive		1
2	02/291041		Bolt		4
3	02/200673		Pulley fan drive		1
4	02/200739		Belt fan, pair		1
4A	476/16601		Belt drive air conditioning <i>Air conditioning</i>		1
5	02/100097		Spacer fan 50.8mm		1
6	476/61402		Fan cooling		1
7	476/61401		Plate fan adapter		1
8	1315/0305Z		Setscrew M8 x 20		4
9	1370/0203Z		Nut Nut M8		4
10	02/291122		Screw M8 x 85mm		4
11	02/200675		Pulley crankshaft		1
12	02/100380		Key		1
13	02/200228		Spacer		1
14	02/100408		Ring assembly Locking		1
15	02/100587		Block Thrust		1
16	828/00124		O Ring		1
17	02/100579		Screw		1
18	02/200743		Pulley alternator		1
19	714/20111		Fan		1
20	714/20110		Kit-spacer		1
21	714/06813		Kit-sundry parts		1
22	476/61005		Bracket mounting		1
23	826/01368		Capscrew countersunk		1
24	1315/3320Z		Bolt (M8 x 100)		1
25	1315/3314Z		Bolt (M8 x 60)		2
26	1315/0409Z		Setscrew M10 x 35		1
27	476/74901		Pulley belt tension		1
28	823/00303		Washer spring		1
29	1315/0407Z		Setscrew M10 x 25 mm		1
30	823/00448		Washer		1
31	476/61006		Nut 'T'		1



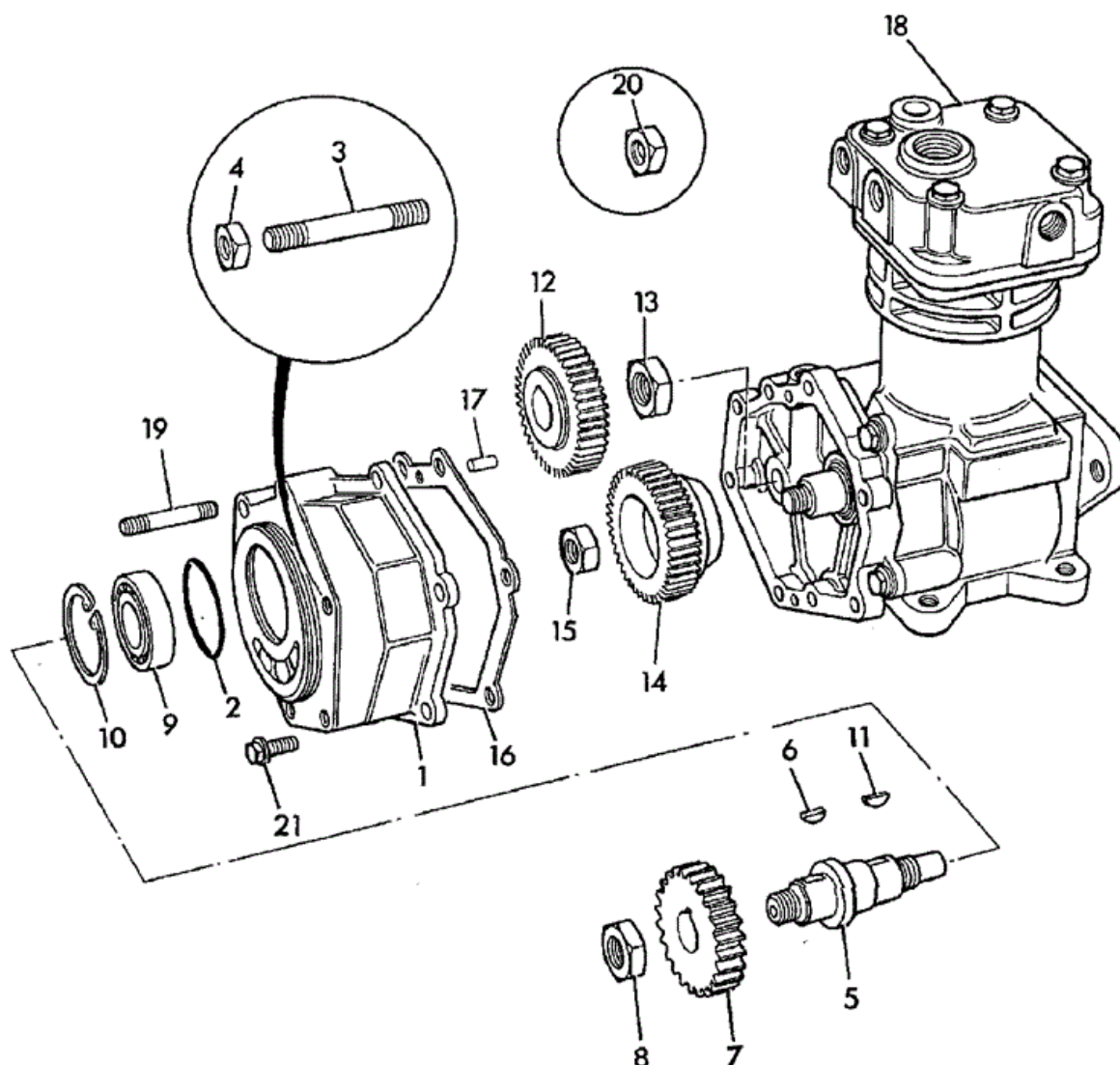
158741

Item	Part #	Change No	Description	Usage Code	QTY
1	02/200680	Superseded	Casing timing		1
1	M.S.S		Multi Supersession <i>See Note 1</i>		1
1A	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
6	02/291073		Screw		3
7	02/100042		Plate		1
8	02/290014		Gear idler, oil pump		1
9	:02/290006		Bush		1
10	02/290028		Shaft idler, oil pump		1
10A	2102/0813		Pin tension		1
11	02/100328		Circlip		1
12	02/200104		Washer		1
13	826/00869		Screw flange head		8
14	02/291017		Screw		4
15	02/200229		Camshaft		1
16	2102/0604		Dowel		1
17	02/192064		Washer thrust		1
18	02/100038		Key		1
19	02/190034		Gear camshaft		1
20	02/291047		Bolt		1
21	02/291065		Washer		1
22	02/200194		Cover timing		1
23	****		None serviced part <i>Cover</i>		1
24	:02/101435		Seal front oil		1
25	02/200195	Superseded	Gasket timing cover		1
25	02/200728		Gasket timing cover		1
26	02/291051		Stud		2
27	02/291058		Nut flanged M8		2
29	02/291017		Screw		7
30	02/291026		Bolt		6
31	02/200028		Cover inspection		1
32	02/200029		Gasket inspection cover		1
33	02/291014		Bolt		4
34	02/200043		Plug		1
35	02/100409		Plug taper threaded		1
36	476/61101		Tube oil filler		1
37	02/200039		Cap oil filler		1
38	02/200040		Seal		1
39	02/200037		Strainer		1
40	02/200038		Gasket		1
41	02/291023		Bolt		2

Note 1: Part N.L.A use item 1A with 1 off 02/200829, 02/291017 and 6 off 02/291018.

JCB 9802/6500 T1-6-13 TIMING CASE, AUXILIARY DRIVE, YB
BUILD



Item	Part #	Change No	Description	Usage Code	QTY
1	02/200527		Housing auxiliary drive gear		1
2	02/200498		O Ring		1
3	02/291053		Stud		1
4	02/291058		Nut flanged M8		1
5	02/200528		Shaft drive		1
6	02/100096		Key		1
7	02/290024		Gear		1
8	02/291137		Nut		1
9	02/200529		Bearing ball		1
10	02/101552		Circlip		1
11	02/100096		Key		1
12	02/290025		Gear		1
13	02/291137		Nut		1
14	02/290026		Gear		1
15	02/291137		Nut		1
16	02/200532		Gasket		1
17	02/100308		Dowel		2
18	****		'See Remark' <i>Compressor, see T7 index</i>		1
19	02/291053		Stud		5
20	02/291058		Nut flanged M8		5
21	02/291017		Screw		3

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