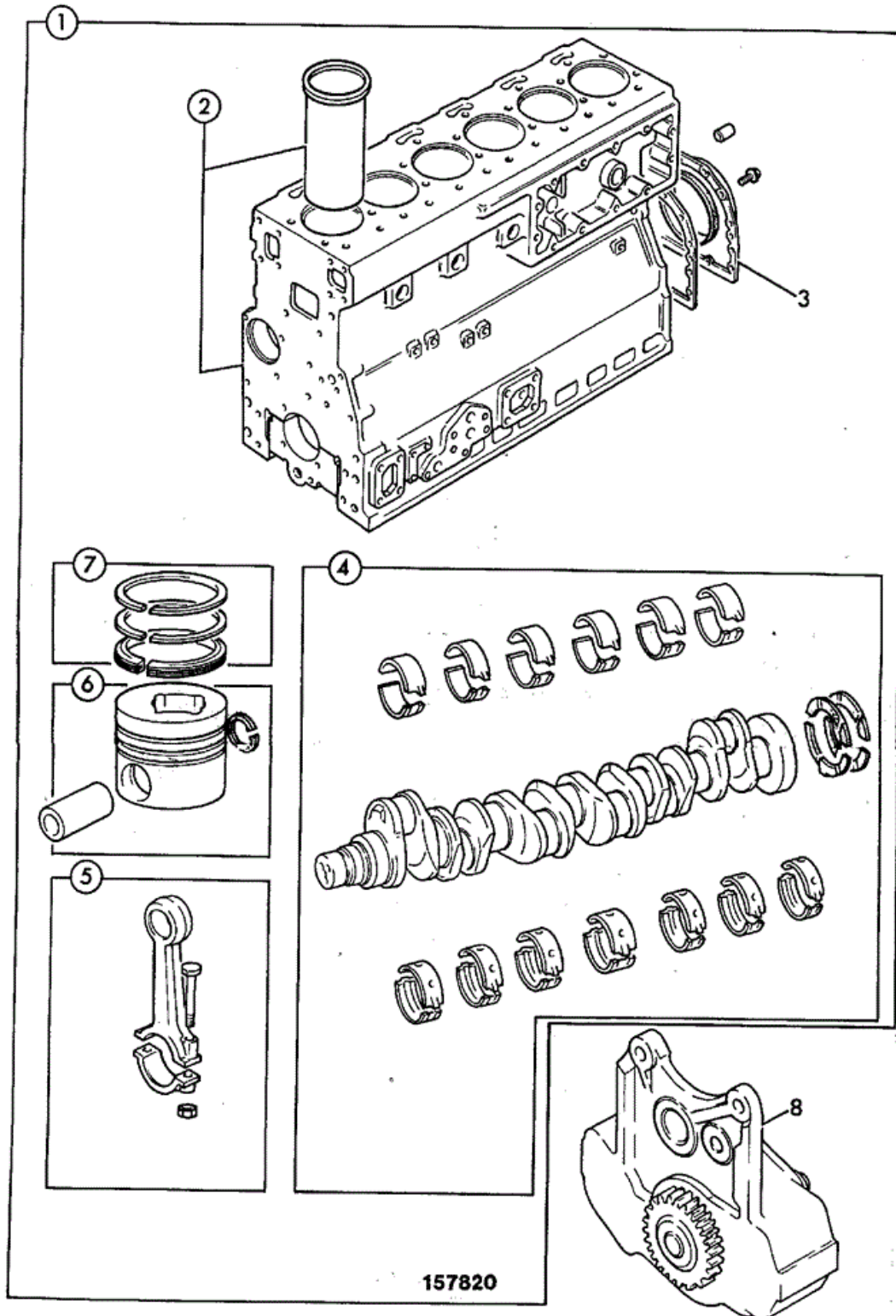




9802/6500 T1-2-1 ENGINE, SHORT YA BUILD

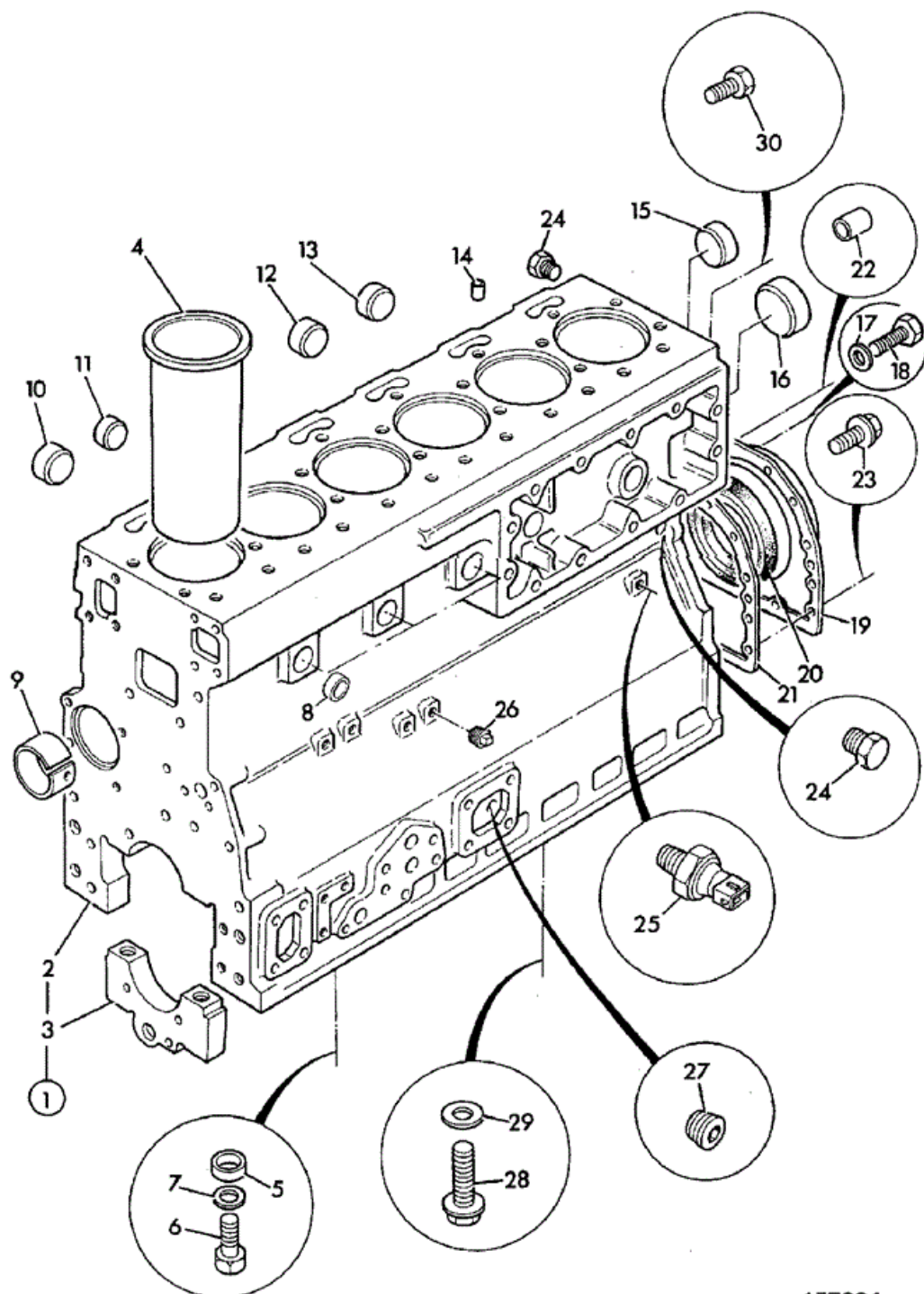


Item	Part #	Change No	Description	Usage Code	QTY
1	02/200660		Engine short, 1006.6		1
2	****		'See Remark' <i>See frame T1-3-1 - Block assembly</i>		1
3	****		'See Remark' <i>See frame T1-3-1 - Housing, rear seal assembly</i>		1
4	****		'See Remark' <i>See frame T1-4-1 - Crankshaft assembly</i>		6
5	****		'See Remark' <i>See frame T1-4-1 - Con-rod assembly</i>		6
6	****		'See Remark' <i>See frame T1-4-1 - Piston assembly</i>		6
7	****		'See Remark' <i>See frame T1-4-1 - Piston ring kit</i>		1
8	****		'See Remark' <i>See frame T5-2-1 - Oil pump</i> <i>See Note 1</i>		1

Note 1: Not included in item 1.



9802/6500 T1-3-1 BLOCK ASSEMBLY YA BUILD

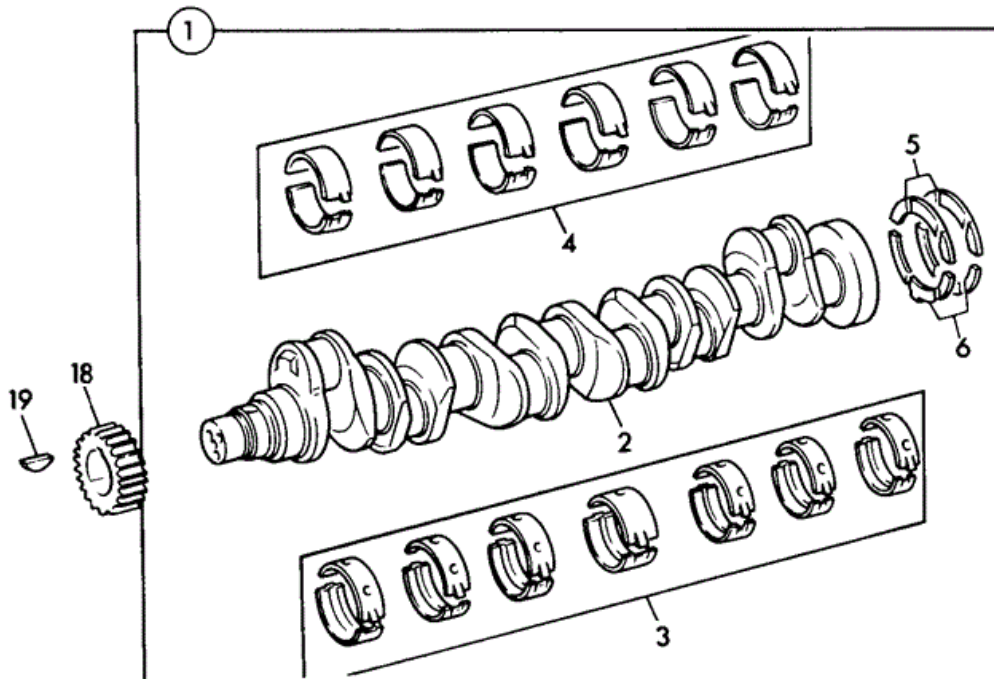
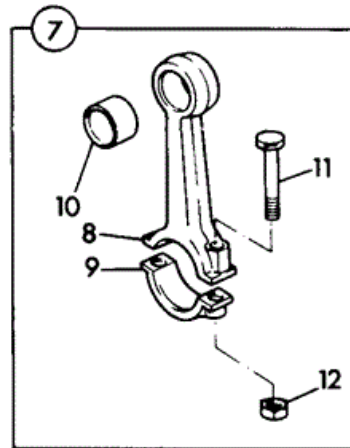
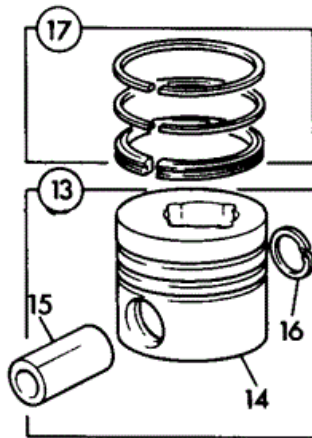


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Item	Part #	Change No	Description	Usage Code	QTY
1	02/200490		Block assembly		1
2	****		None serviced part <i>Block</i>		1
3	****		None serviced part <i>Cap</i>		7
4	:02/200949		Liner cylinder, press fit <i>See Note 1</i>		6
4	02/200002		Liner cylinder, 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19	02/200523	Superseded	Housing rear seal		1
19	M.S.S	<EU559652X	Multi Supersession <i>See Note 2</i>		1
19A	02/200958	>EU559653X	Housing rear seal		1
20	:02/101436		Seal rear oil		1
21	02/100113	<EU559652X	Gasket rear seal housing		1
21A	02/201092	>EU559653X	Gasket rear seal housing		1
22	02/100308		Dowel		2
23	826/00869		Screw flange head		10
23A	826/00869	>EU559653X	Screw flange head		2
24	02/100132		Plug drain <i>Water drain</i>		2
24	02/100335		Tap drain <i>Alternative</i>		0
25	701/26800	Superseded	Switch oil pressure engine		1
25	701/41500	Superseded	Switch oil pressure		1
25	701/80225		Switch oil pressure 1/8" NPTF,AMP		1
26	826/00765		Plug		1
27	02/100409		Plug taper threaded <i>Oil drain</i>		2
28	02/101756		Plug		6
29	823/00287		Washer spacer		6
30	02/101193		Plug core D=17mm		1

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

Note 2: Part No Longer Available use 19A with items 21A,23A and 1 off bridge piece 02/201094.



096870

Item	Part #	Change No	Description	Usage Code	QTY
1	02/200225	Superseded	Crankshaft assembly		1
1	02/200679		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		0

3	02/290012		Kit-bearing main undersize - 0.50mm	0
3	02/290013		Kit-bearing main undersize - 0.75mm	0
4	:02/192034		Kit-bearing big end standard	1
4	02/192035		Kit-bearing big end undersize - 0.25mm	0
4	02/192036		Kit-bearing big end undersize - 0.50mm	0
4	02/192037		Kit-bearing big end undersize - 0.75mm	0
5	:02/192083		Washer thrust top - standard	2
5	02/192011		Washer thrust top-oversize 0.19mm	0
6	:02/192084		Washer thrust bottom - standard	2
6	02/192013		Washer thrust btm-oversize 0.19mm	0
7	02/101440		Rod assembly Connecting	6
8	****		None serviced part <i>Rod</i>	1
9	****		None serviced part <i>Cap</i>	1
10	:02/192015		Bush small end	1
11	:02/291072		Bolt	2
12	:02/100128		Nut	2
13	02/200191	Superseded	Piston assembly	6
13	N.L.A		No longer available <i>Use item 13A</i>	0
13A	02/200849		Piston assembly <i>Must be fitted in ENGINE SETS ONLY</i>	6
14	****		None serviced part <i>Piston</i>	1
15	****		None serviced part <i>Gudgeon pin</i>	1
16	:2203/1040		Circlip	2
17	02/200192		Kit-piston ring	6
18	02/290001		Gear	1
19	02/100038		Key	1

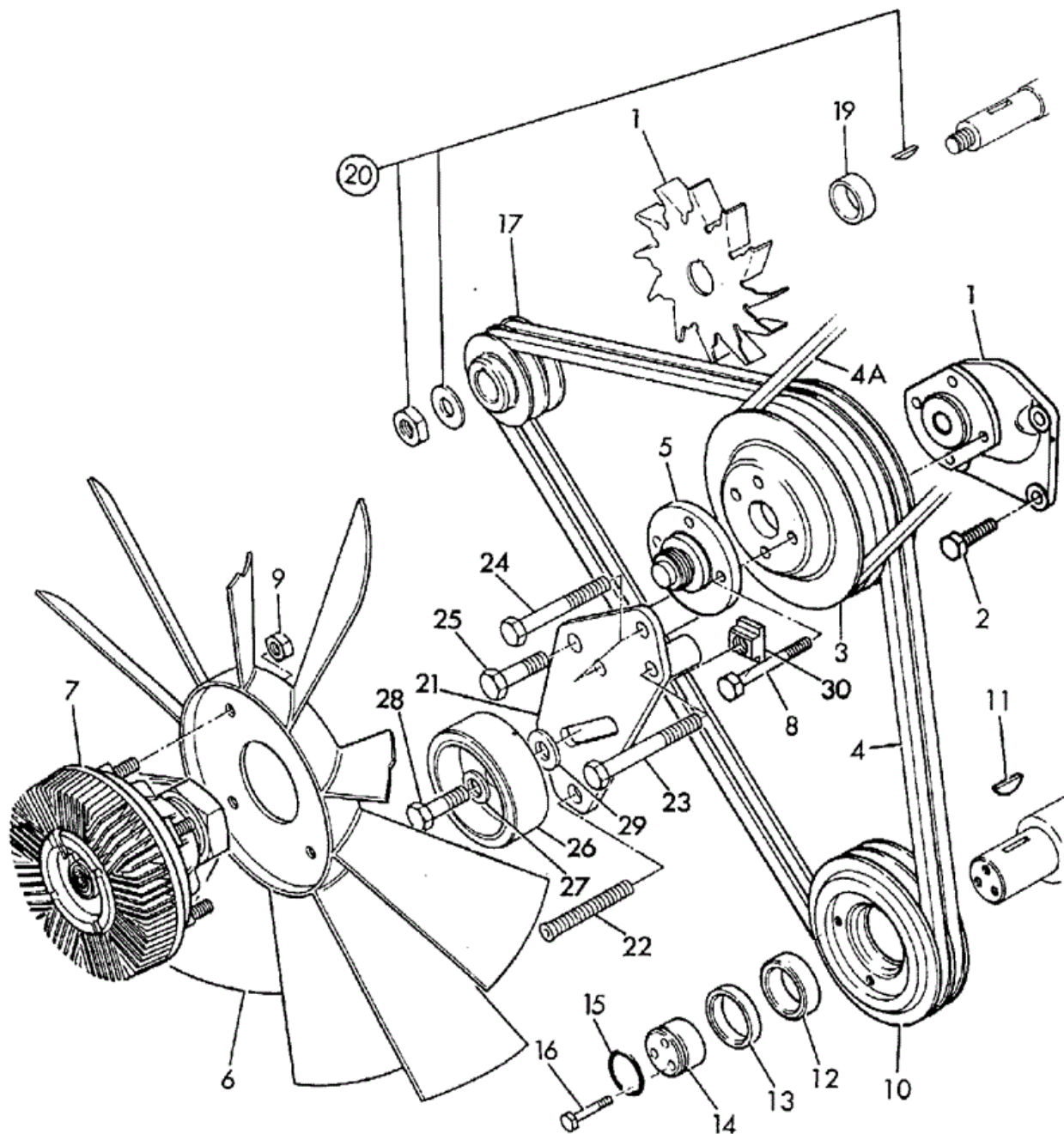
This exploded view diagram illustrates the assembly of a mechanical device, possibly a pump or motor. The components are numbered as follows:

- 1**: Motor housing or frame.
- 2**: Bolt/screw.
- 3**: Pulley or flywheel.
- 4**: Drive shaft.
- 4A**: V-belt.
- 5**: Coupling or bracket.
- 6**: Fan or impeller.
- 7**: Bolt/screw.
- 8**: Washer or spacer.
- 9**: Nut.
- 10**: Bolt/screw.
- 11**: Pulley or flywheel.
- 12**: Washer or spacer.
- 13**: Washer or spacer.
- 14**: Washer or spacer.
- 15**: Bolt/screw.
- 16**: Washer or spacer.
- 17**: Bolt/screw.
- 18**: Pulley or flywheel.
- 19**: Gear.
- 20**: Washer or spacer.
- 21**: Bolt/screw.
- 22**: Bolt/screw.
- 23**: Bolt/screw.
- 24**: Bolt/screw.
- 25**: Bolt/screw.
- 26**: Bolt/screw.
- 27**: Bolt/screw.
- 28**: Bolt/screw.
- 29**: Bolt/screw.
- 30**: Bolt/screw.
- 31**: Bolt/screw.

Item	Part #	Change No	Description	Usage Code	QTY

1	02/200370		Housing assembly, fan drive		1
2	02/291041		Bolt		4
3	02/200526		Pulley fan drive		1
4	02/200738		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	02/200227		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

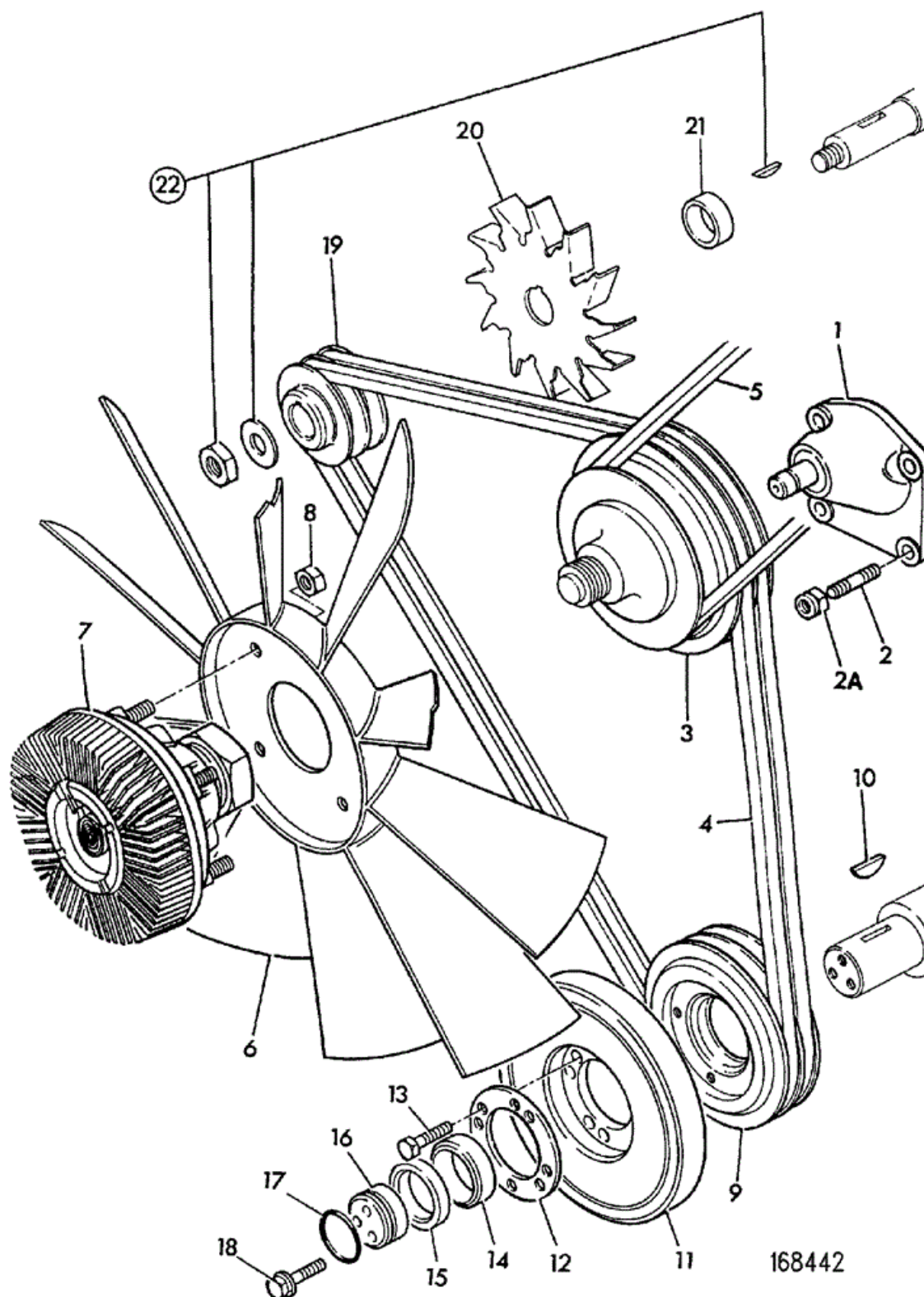
JCB 9802/6500 T1-5-2 FANS, PULLEYS & FAN BELT, OPTIONAL
YA BUILD



Item	Part #	Change No	Description	Usage Code	QTY
1	02/200370		Housing assembly, fan drive		1
2	02/291041		Bolt		4
3	02/200526		Pulley fan drive		1
4	02/200738		Belt fan, pair		1
4A	476/16601		Belt drive air conditioning <i>Air conditioning</i>		1
5	476/61901		Adapter fan drive		1
6	476/61402		Fan cooling		1
7	476/62200	Superseded	Coupling fan drive		1
7	476/61708		Coupling fan drive		1
8	1315/3311Z		Bolt (M8 X 45)		4
9	1370/0203Z		Nut Nut M8		4
10	02/200227		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	02/200743		Pulley alternator		1
18	714/20111		Fan		1
19	714/20110		Kit-spacer		1
20	714/06813		Kit-sundry parts		1
21	476/61005		Bracket mounting		1
22	826/01368		Capscrew countersunk		1
23	1315/3320Z		Bolt (M8 x 100)		1
24	1315/3314Z		Bolt (M8 x 60)		2
25	1315/0409Z		Setscrew M10 x 35		1
26	476/74901		Pulley belt tension		1
27	823/00303		Washer spring		1
28	1315/0407Z		Setscrew M10 x 25 mm		1
29	823/00448		Washer		1
30	476/61006		Nut 'T'		1

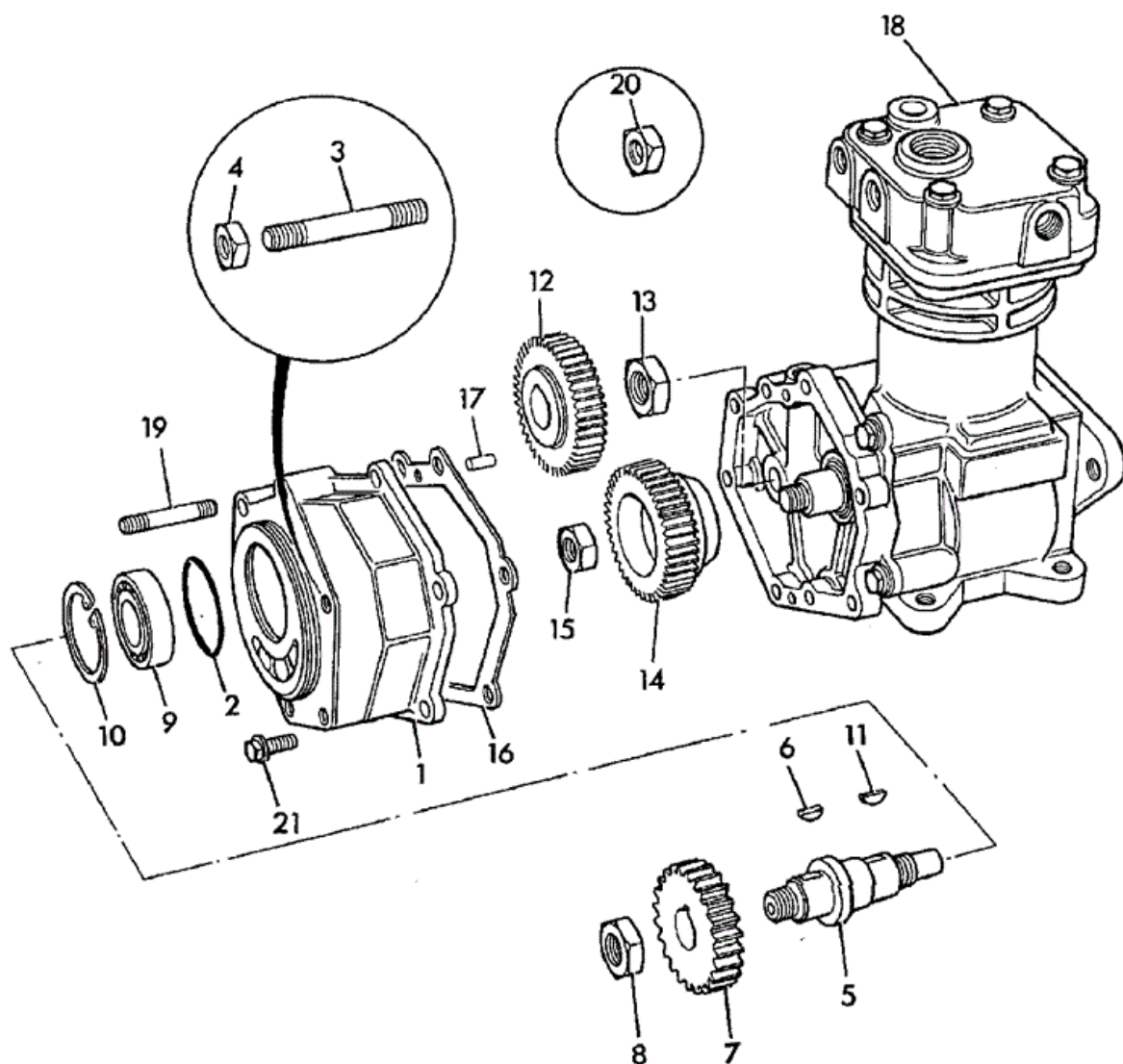


9802/6500 T1-5-7 FANS PULLEYS & FAN BELT YA BUILD

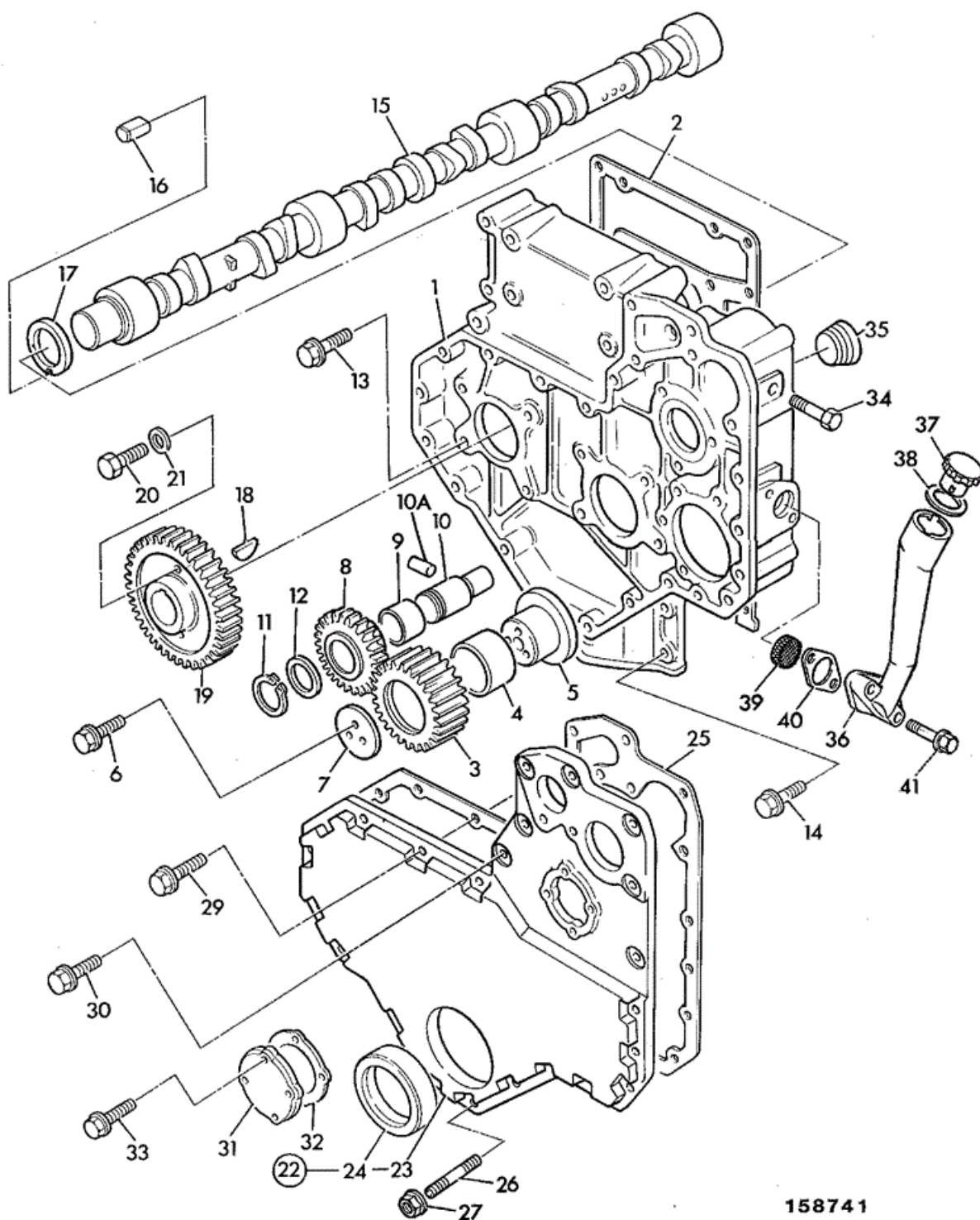


Item	Part #	Change No	Description	Usage Code	QTY
1	02/200742		Housing fan drive		1
2	826/01302		Stud		4
2A	1370/0303Z		Nut lock M10		4
3	476/61407		Pulley fan drive		1
4	02/200738		Belt fan, pair		1
5	476/16601		Belt drive air conditioning <i>Air conditioning</i>		1
6	476/61402		Fan cooling		1
7	476/61708		Coupling fan drive		1
8	1370/0203Z		Nut Nut M8		4
9	02/200808		Pulley crankshaft		1
10	02/100380		Key		1
11	02/200692		Damper		1
12	02/200809		Plate clamping		1
13	1391/3305Z		Capscrew		8
14	02/200228		Spacer		1
15	02/100408		Ring assembly Locking		1
16	02/100587		Block Thrust		1
17	828/00124		O Ring		1
18	02/100579		Screw		3
19	02/200743		Pulley alternator		1
20	714/20111		Fan		1
21	714/20110		Kit-spacer		1
22	714/06813		Kit-sundry parts		1

JCB 9802/6500 T1-6-2 TIMING CASE, AUXILIARY DRIVE, YAR 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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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

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