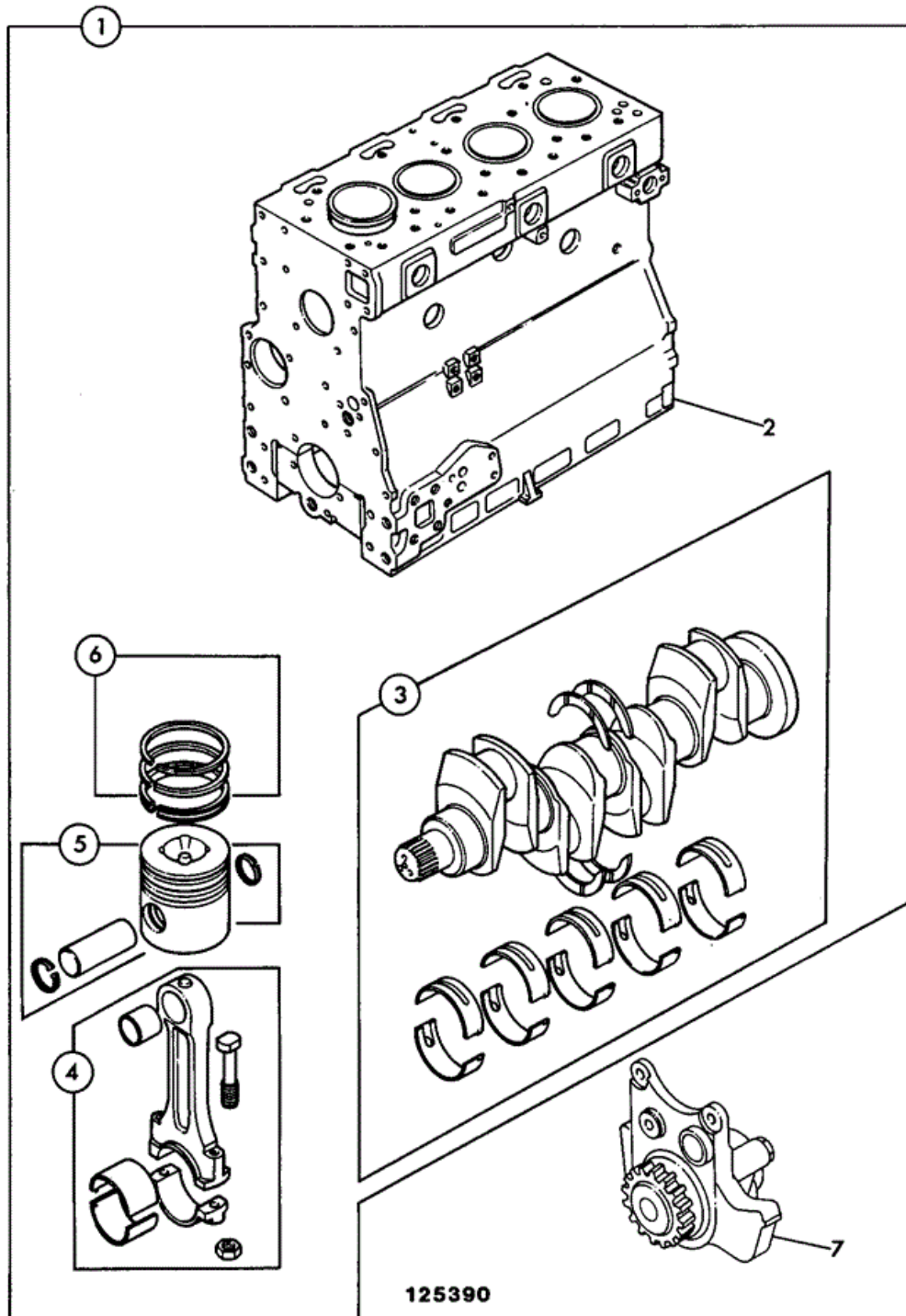




9802/7900 N1-2-2 ENGINE, SHORT AB BUILD

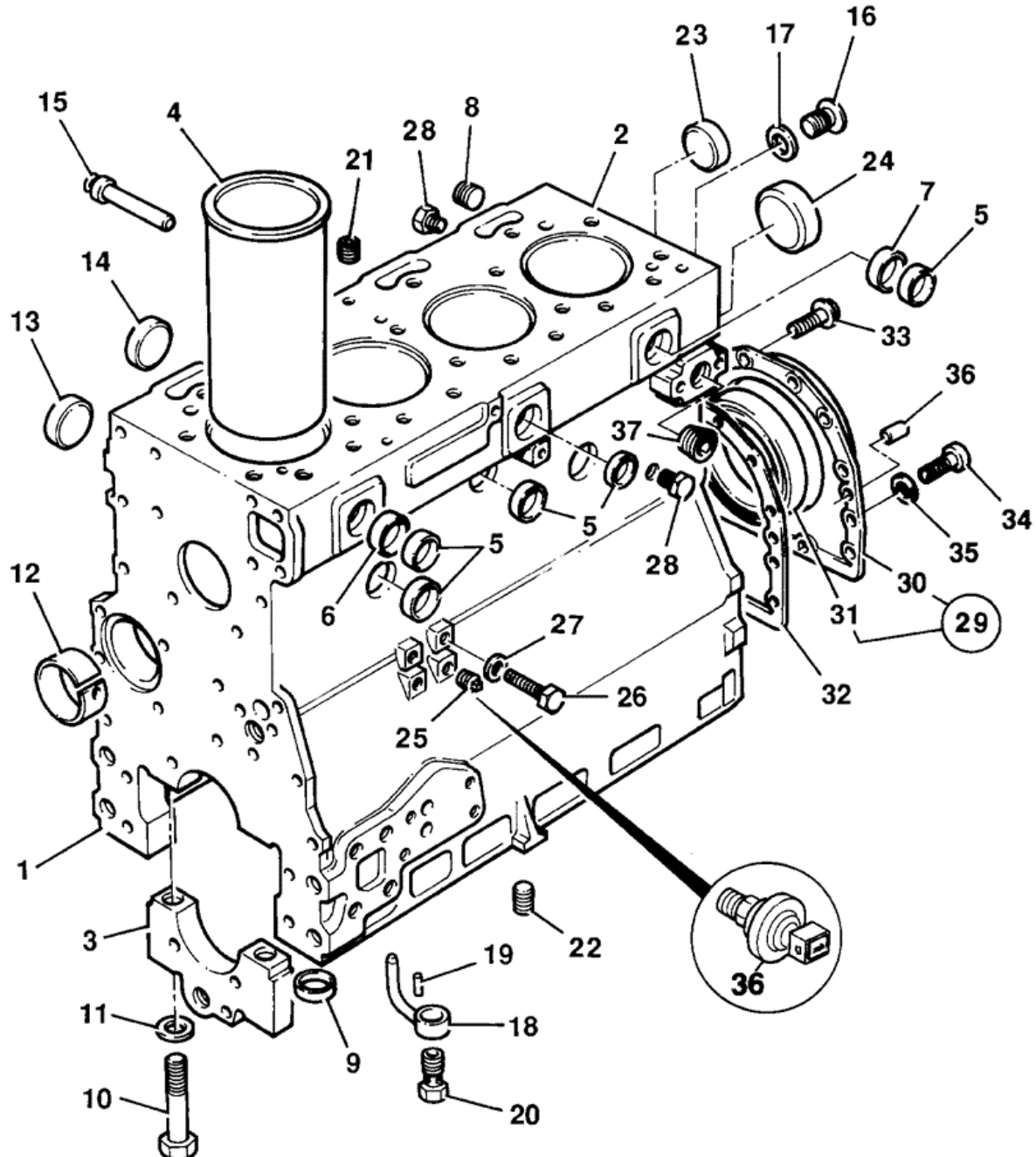


Item	Part #	Change No	Description	Usage Code	QTY
1	02/200444	Superseded	Engine short, 1004-4T		1
1	02/200446		Engine short, 1004-4T turbocharged		1
2	****		'See Remark' <i>See frame N1-3-2, Block assembly</i>		1
3	****		'See Remark' <i>See frame N1-4-2, Crankshaft assembly</i>		1
4	****		'See Remark' <i>See frame N1-4-2, Con-rod assembly</i>		4
5	****		'See Remark' <i>See frame N1-4-2, Piston assembly</i>		4
6	****		'See Remark' <i>See frame N1-4-2, Piston ring kit</i>		4
7	****		'See Remark' <i>See frame N5-2-2, Oil pump</i> <i>See Note 1</i>		1

Note 1: Not included with item 1



9802/7900 N1-3-2 BLOCK ASSEMBLY AB BUILD

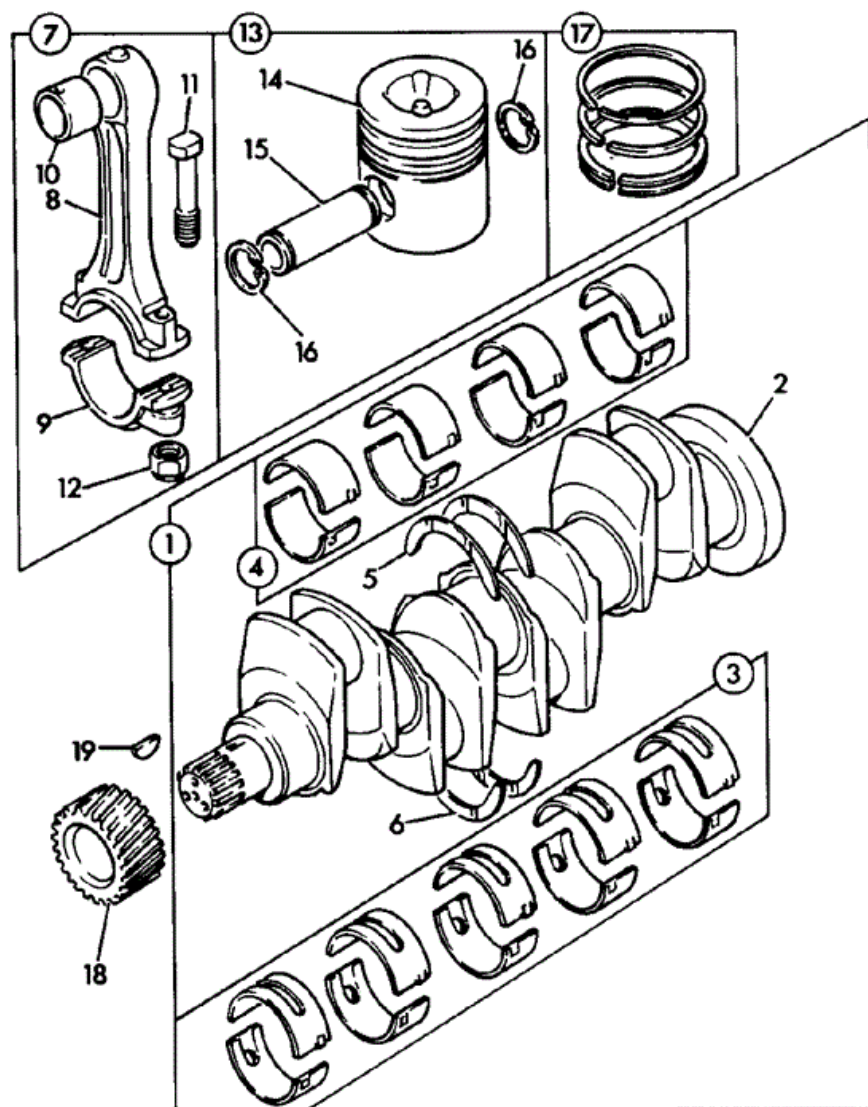


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Item	Part #	Change No	Description	Usage Code	QTY
1	02/200470	Superseded	Block cylinder assembly		1
1	02/201300		Block assembly, cylinder		1
			None serviced part		

2	****		<i>Block</i>	1
3	****		None serviced part <i>Bearing Cap</i>	5
4	:02/200949		Liner cylinder, press fit <i>See Note 1</i>	4
4	02/200002		Liner cylinder, slip fit	0
5	:02/100396		Plug core D=32mm	6
6	:02/201304		Plug	1
7	:02/200003		Plug core" D=26mm <i>Quantity was 2 off</i>	1
8	:02/100134		Plug	1
9	:02/100101		Thimble	10
10	:02/100102		Bolt	10
11	:02/100615		Washer	10
12	:02/192001		Bush camshaft	1
13	:02/200454		Plug core D=38mm	4
14	:02/200454		Plug core D=38mm	3
15	:02/101827		Plug	1
16	:02/100111		Plug	1
17	:823/00276		Washer	1
18	****		'See Remark' <i>See frame N5-3-1</i>	4
19	****		'See Remark' <i>See frame N5-3-1</i>	4
20	****		'See Remark' <i>See frame N5-3-1</i>	4
21	02/100108		Plug	1
22	****		'See Remark' <i>Not fitted or required</i>	1
23	02/200454		Plug core D=38mm	2
24	02/100107		Plug core D=50mm	1
25	701/41500		Switch oil pressure	1
26	1315/0401Z		Bolt M10 x 10	1
27	823/00273		Washer	1
28	02/100132		Plug drain <i>Water drain</i>	2
28	02/100335		Tap drain <i>Alternative</i>	0
29	02/200958		Housing rear seal	1
30	****		None serviced part <i>Cover</i>	1
31	:02/101436		Seal rear oil	1
32	02/201092		Gasket rear seal housing	1
33	826/00869		Screw flange head	12
34	1391/3307Z		Capscrew M8x25mm	2
35	02/100307		Washer	2
36	02/100308		Dowel	2
37	02/100134		Plug	1

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



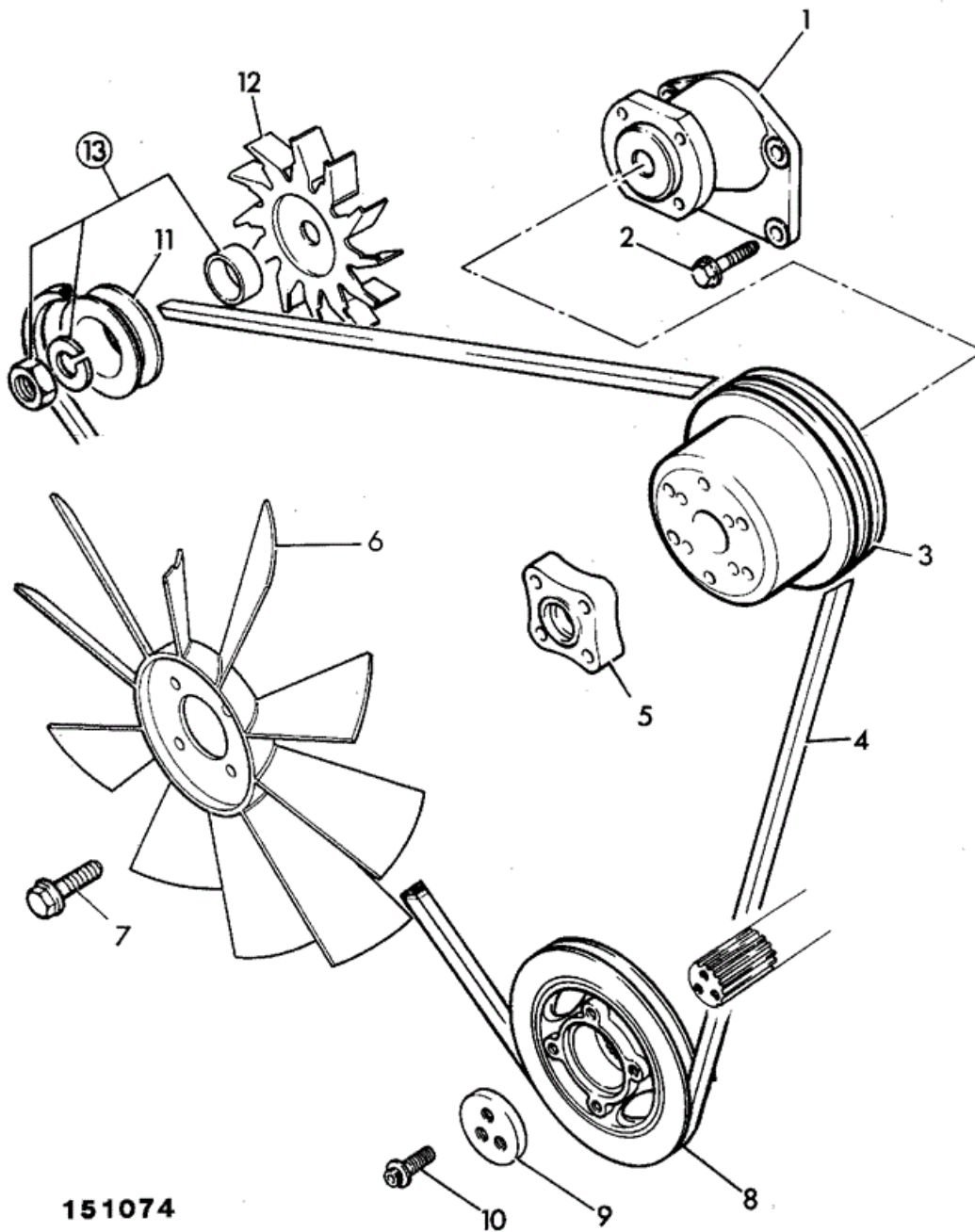
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Item	Part #	Change No	Description	Usage Code	QTY
1	02/200915		Crankshaft assembly		1
2	****		None serviced part <i>Crankshaft</i>		1
3	:02/192002		Kit-bearing Main Standard		1
3	02/192003		Kit-bearing Main Undersize - .010inch		1
3	02/192004		Kit-bearing Main Undersize - .020inch		1

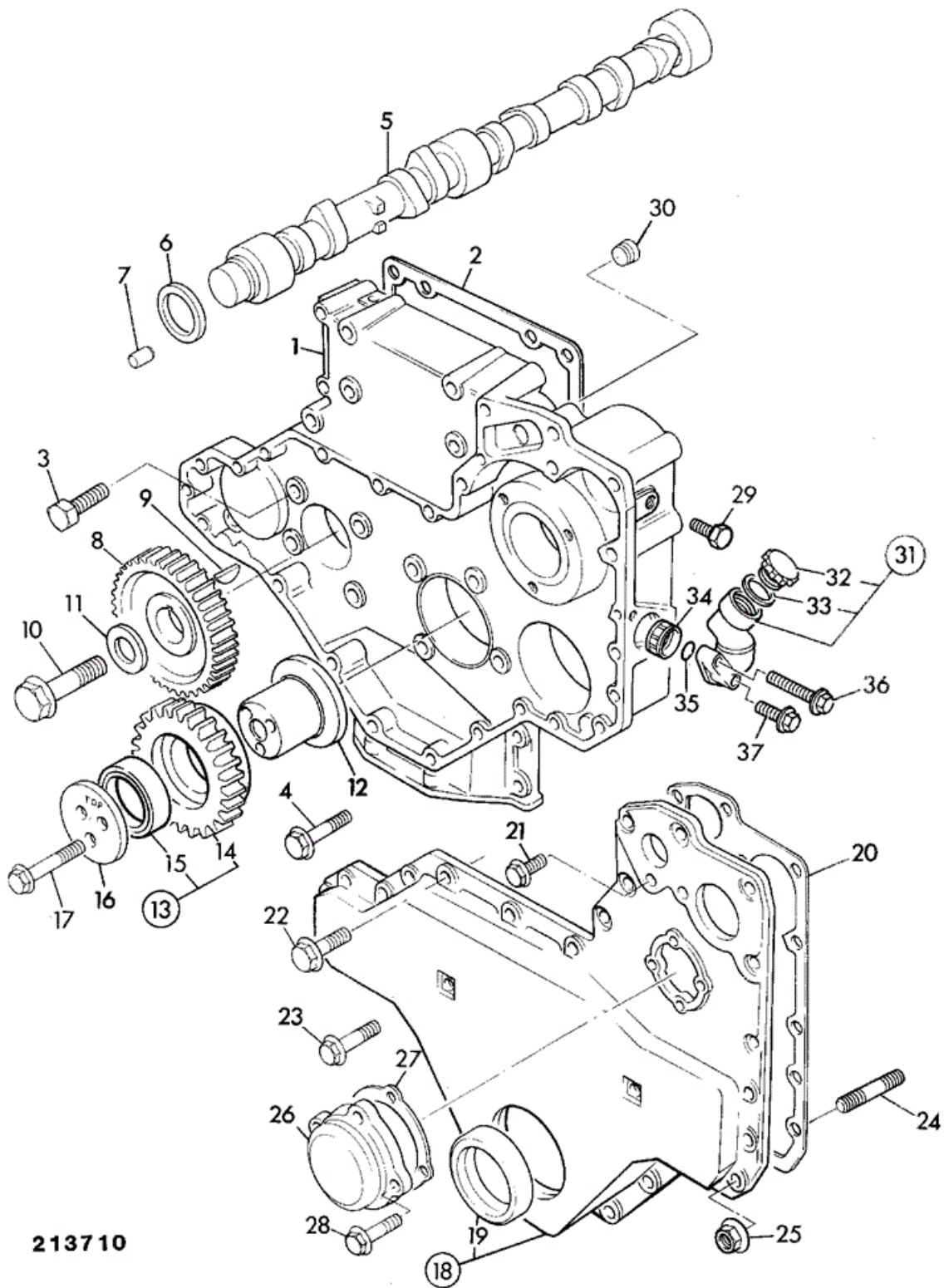
3	02/192005		Kit-bearing Main Undersize - .030inch	1
4	:02/192085		Kit-bearing 4 Pairs Standard	1
4	02/192086		Kit-bearing 4 Pairs Undersize - .010inch	1
4	02/192087		Kit-bearing 4 Pairs Undersize - 0.20inch	1
4	02/192088		Kit-bearing 4 Pairs Undersize - 0.30inch	1
5	:02/192083		Washer thrust top - standard	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	02/101632		Rod assembly connecting	4
8	****		None serviced part <i>Con-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		Piston assembly	4
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	4
18	02/290001		Gear	1
19	02/100038		Key	1



9802/7900 N1-5-2 FANS, PULLEYS & FAN BELT AB BUILD

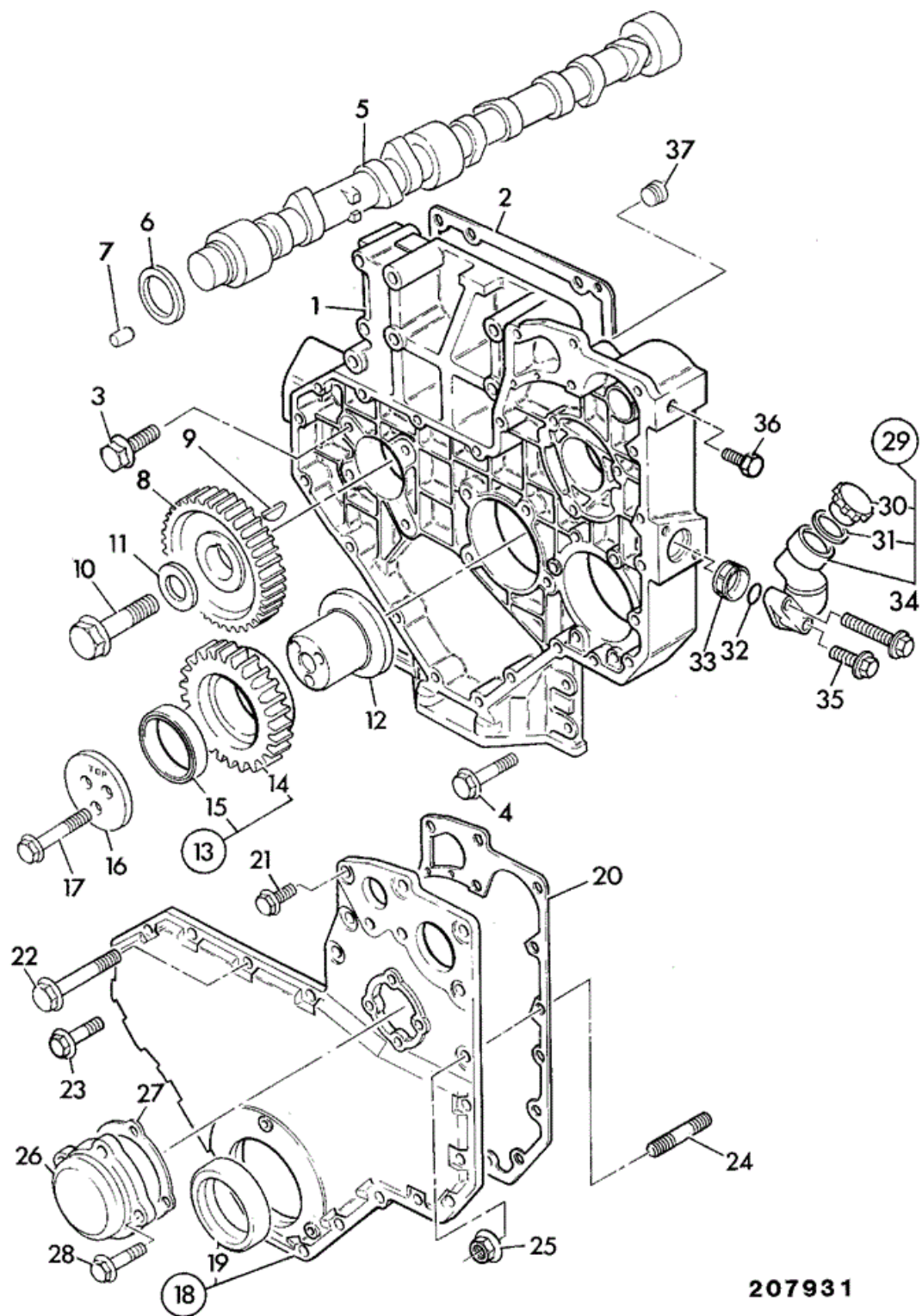


Item	Part #	Change No	Description	Usage Code	QTY
1	02/200370		Housing assembly, fan drive		1
2	02/291041		Bolt		4
3	02/200224		Pulley fan drive		1
4	02/101581		Belt fan, pair		1
5	02/200016		Spacer fan 13mm		1
6	262/36800		Fan cooling, 20" puller		1
7	02/291109		Screw M8 x 50mm		4
8	02/201121		Pulley crankshaft single groove		1
8	02/200018		Pulley crankshaft twin groove		1
9	02/200017		Block Thrust		1
10	02/100579		Screw		3
11	02/200212		Pulley alternator D=86mm single groove		1
12	02/200452		Fan alternator		1
13	714/10810		Kit-sundry parts		1



Item	Part #	Change No	Description	Usage Code	QTY
1	02/200948		Casing timing, twin p.t.o		1
2	02/200022		Gasket t/case to block		1
3	826/00869		Screw flange head		8
4	02/291033		Bolt		4
5	02/200023		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	02/291047		Bolt		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	02/100042		Plate		1
17	02/291073		Screw		3
18	02/200486		Cover timing		1
19	:02/101435		Seal front oil		1
20	02/200728		Gasket timing cover		1
21	02/291026		Bolt		6
22	02/291018		Bolt		9
23	02/291017		Screw		1
24	02/291051		Stud		2
25	02/291058		Nut flanged M8		2
26	02/200028		Cover inspection		1
27	02/200029		Gasket inspection cover		1
28	02/291014		Bolt		4
29	02/200829		Plug		4
30	02/100409		Plug taper threaded		1
31	02/201110		Tube oil filler		1
32	:02/201099		Cap oil filler		1
33	:02/201098		O Ring		1
34	02/200037		Strainer		1
35	02/201097		O Ring		1
36	02/291023		Bolt		1
37	02/291020		Bolt		1



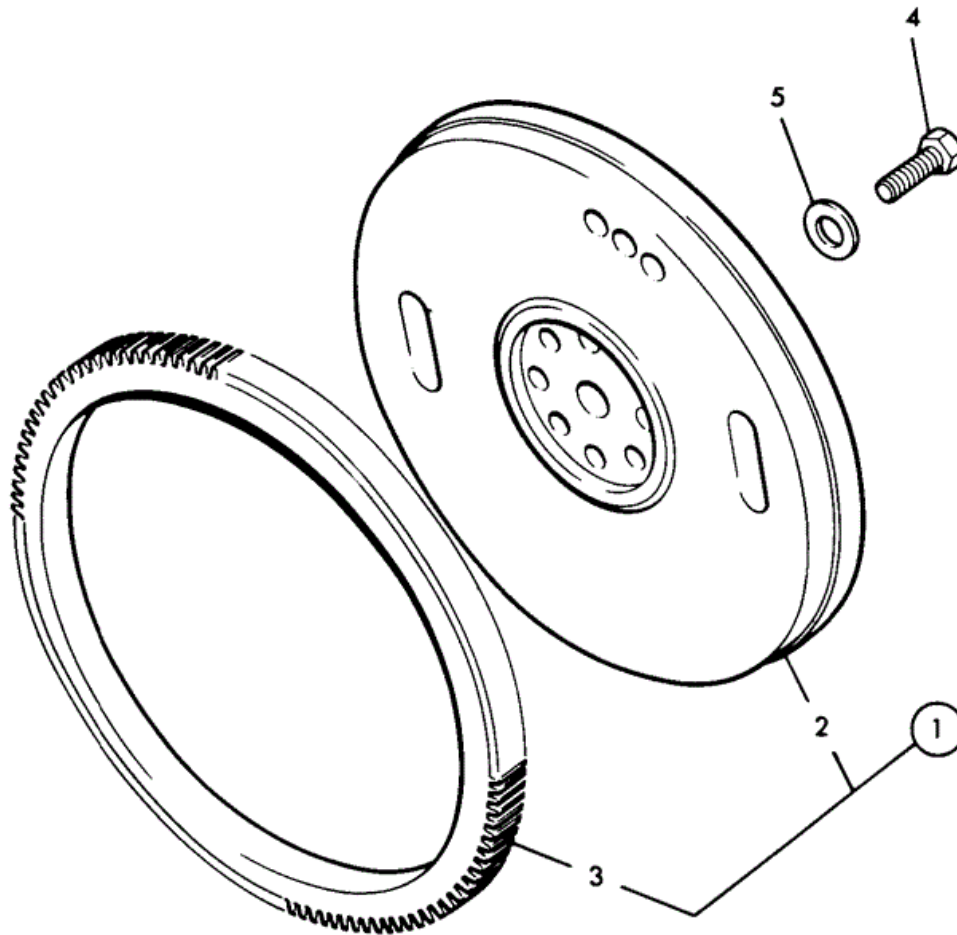
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Item	Part #	Change No	Description	Usage Code	QTY
1	02/200830		Case timing		1
2	02/200022		Gasket t/case to block		1
3	826/00869		Screw flange head		8
4	02/291033		Bolt		4
5	02/200023		Camshaft		1

6	02/192064		Washer thrust		1
7	2102/0604		Dowel		1
8	02/190034		Gear camshaft		1
9	02/100038		Key		1
10	02/291047		Bolt		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	02/100042		Plate		1
17	02/291073		Screw		3
18	02/200194		Cover timing		1
19	:02/101435		Seal front oil		1
20	02/200728		Gasket timing cover		1
21	02/291026		Bolt		6
22	02/291018		Bolt		9
23	02/291017		Screw		1
24	02/291051		Stud		2
25	02/291058		Nut flanged M8		2
26	02/200028		Cover inspection		1
27	02/200029		Gasket inspection cover		1
28	02/291014		Bolt		4
29	02/201110		Tube oil filler		1
30	:02/201099		Cap oil filler		1
31	:02/201098		O Ring		1
32	02/200037		Strainer		1
33	02/201097		O Ring		1
34	02/291023		Bolt		1
35	02/291020		Bolt		1
36	02/200829		Plug		1
37	02/100409		Plug taper threaded		1



9802/7900 N1-7-1 FLYWHEEL AA & AB BUILDS

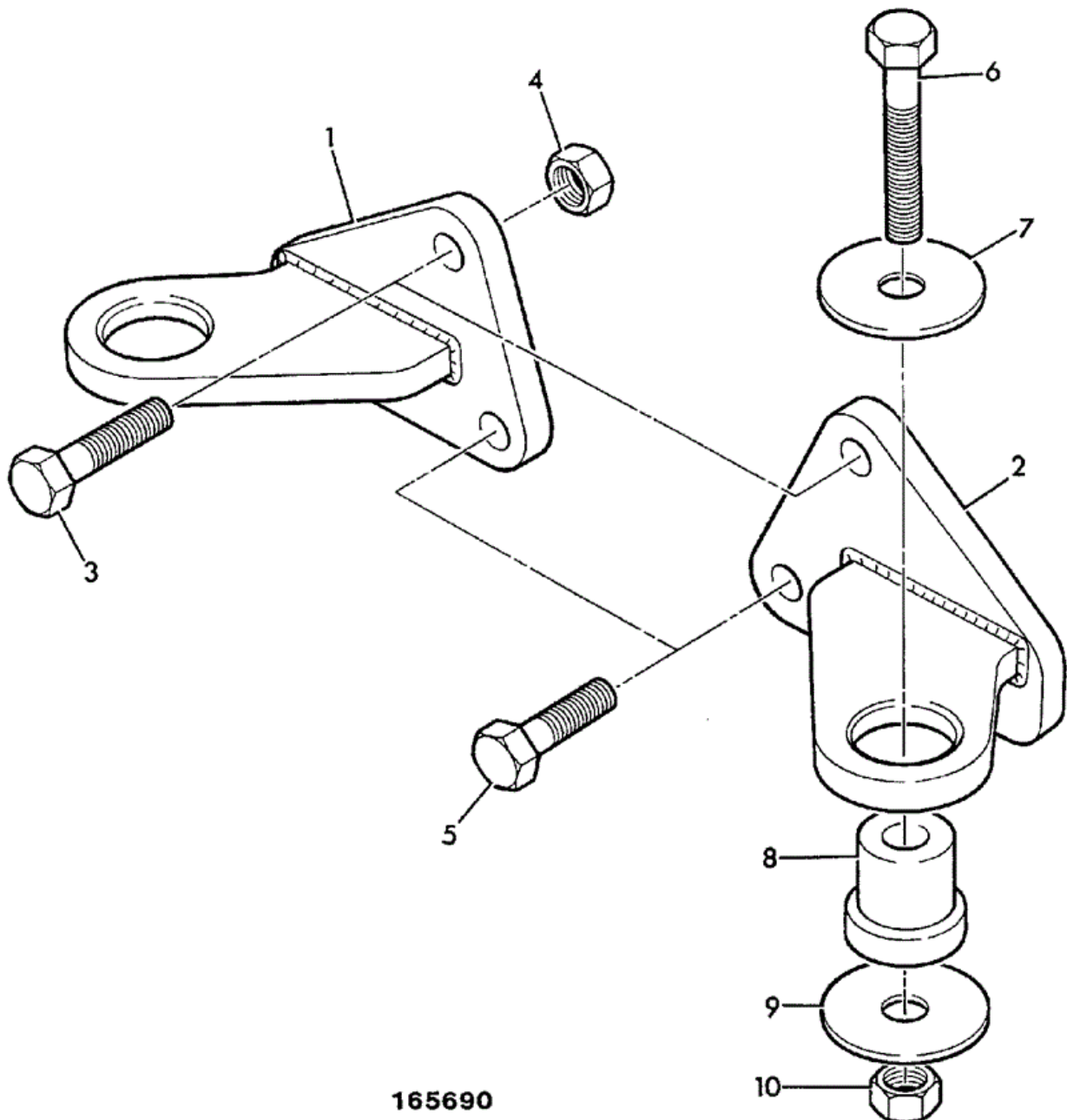


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Item	Part #	Change No	Description	Usage Code	QTY
1	02/101737		Flywheel assembly		1
2	:N.S.P.		None serviced part <i>Flywheel</i>		1
3	:02/100078		Gear starter ring		1
4	02/100570		Setscrew		6
5	02/200725		Washer		6



9802/7900 N1-8-1 ENGINE MOUNTINGS



Item	Part #	Change No	Description	Usage Code	QTY
1	125/26400		Bracket engine mounting left hand		1

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