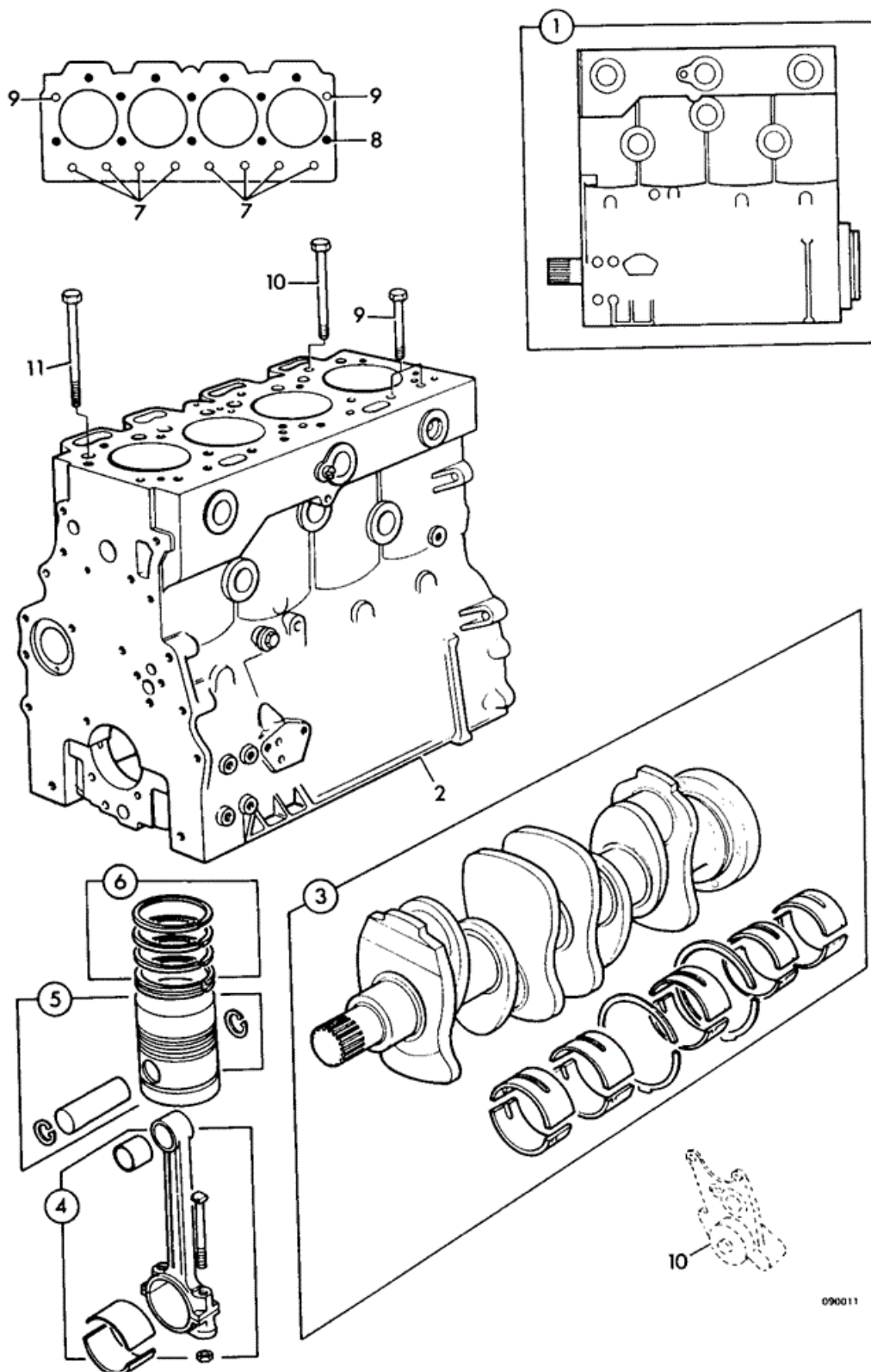




9802/7610 L1-2-1 ENGINE, SHORT LD BUILD



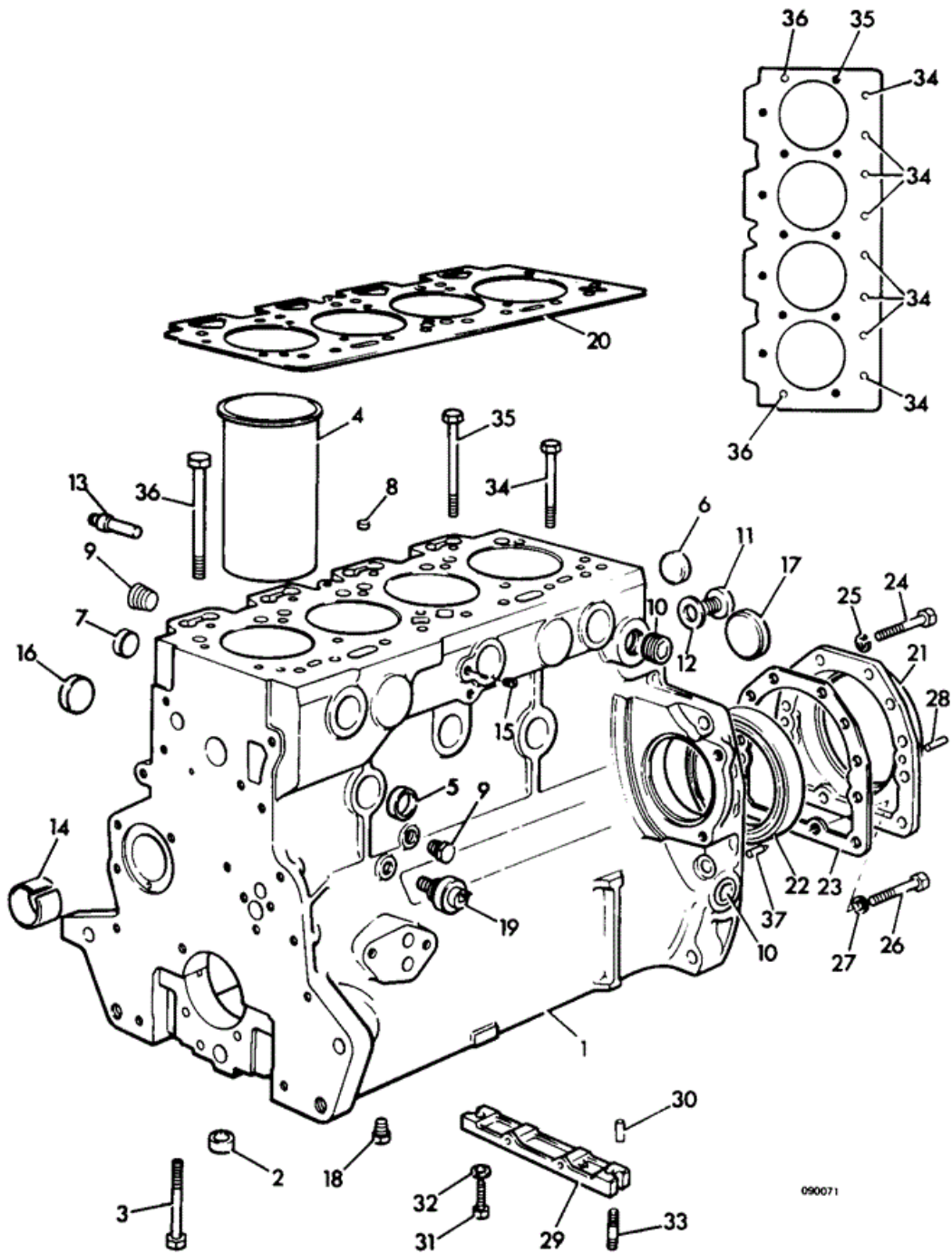
090011

Item	Part #	Change No	Description	Usage Code	QTY
1	02/101911		Engine metric short		1
2	****		'See Remark' <i>See L1-3-1 Cylinder Block Assembly</i>		1
3	****		'See Remark' <i>See L1-4-1 Crankshaft Assembly</i>		1
4	****		'See Remark' <i>See L1-4-1 Connecting Rod Assembly</i>		4
5	****		'See Remark' <i>See L1-4-1 Piston Assembly</i>		4
6	****		'See Remark' <i>See L1-4-1 Piston Ring Kit</i>		4
7	****		'See Remark' <i>See L1-3-1 Bolt - Cylinder Head</i>		8
8	****		'See Remark' <i>See L1-3-1 Bolt - Cylinder Head</i>		12
9	****		'See Remark' <i>See L1-3-1 Bolt - Cylinder Head</i>		2
10	****		'See Remark' <i>See L5-1-1 Oil Pump</i> <i>See Note 1</i>		1

Note 1: Not included in item 1.

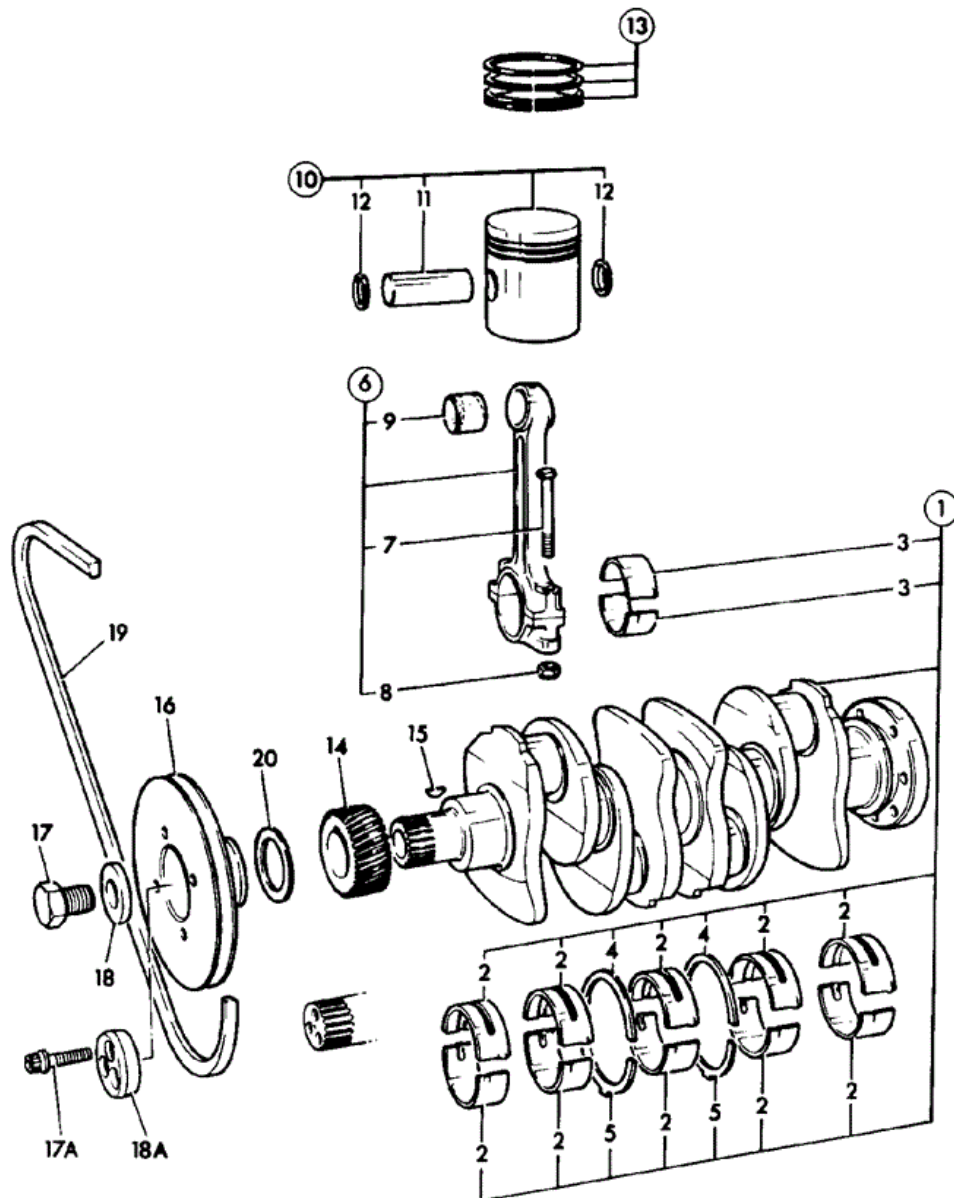


9802/7610 L1-3-1 BLOCK ASSEMBLY LD BUILD



Item	Part #	Change No	Description	Usage Code	QTY
1	02/101881		Block assembly, cylinder		1
2	:02/100101		Thimble		10
3	:02/100102		Bolt		10
4	:02/101758		Liner Press fit		4
4	02/101773		Liner Slip fit		4
5	:02/100105		Plug core D=32mm		6
6	:02/100105		Plug core D=32mm		2
7	:02/100106		Plug core D=35mm		4
8	:02/100108		Plug		1
9	:02/100132		Plug drain <i>Water Drain</i>		2
9	:02/100335		Tap drain <i>Alternative</i>		2
10	:02/100134		Plug		3
11	02/100111		Plug		1
12	823/00276		Washer		1
13	:02/101827		Plug		1
14	:02/192001		Bush camshaft		1
15	02/101810		Plug		1
16	02/100110		Plug core D=38mm		4
17	02/100107		Plug core D=50mm		1
18	02/100133		Plug		1
19	701/06500		Switch oil pressure		1
20	02/101879		Gasket cylinder head		1
21	02/101704		Housing rear seal		1
22	02/101436		Seal rear oil		1
23	02/100113		Gasket rear seal housing		1
24	1305/0106Z		Bolt 5/16"UNF x 1" long		10
25	1410/0002Z		Washer (5/16" Small)		10
26	1381/3106		Capscrew		2
27	02/100307		Washer		2
28	02/100308		Dowel		2
29	02/101790		Bridge piece		1
30	02/100112		Seal		2
31	826/00759		Bolt		2
32	02/100309		Washer		2
33	02/101791		Stud		2
34	02/101762		Bolt 103mm		8
35	02/101761		Bolt 119mm		12
36	02/101760		Bolt 140mm		2
37	02/100136		Pointer Timing		1

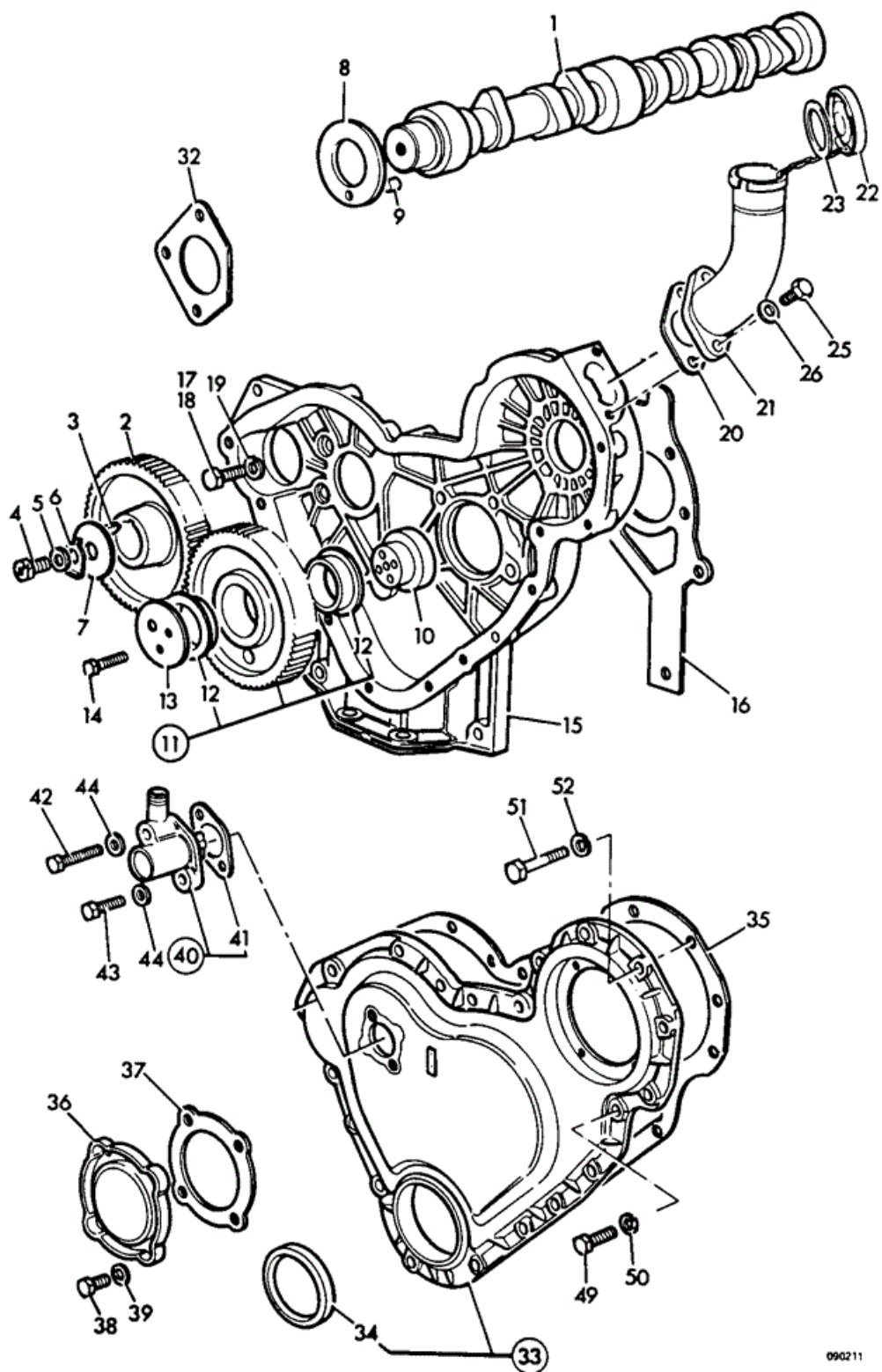
JCB 9802/7610 L1-4-1 CRANKSHAFT, BEARINGS PISTONS, CON-RODS PULLEY & FAN BELT, LD BUILD



064512

Item	Part #	Change No	Description	Usage Code	QTY
1	02/101825		Crankshaft assembly <i>Includes items 17A & 18A</i>	P/Ex	1

2	:02/192002	Kit-bearing Main Standard	1
2	02/192003	Kit-bearing Main Undersize - .010inch	1
2	02/192004	Kit-bearing Main Undersize - .020inch	1
2	02/192005	Kit-bearing Main Undersize - .030inch	1
3	:02/192006	Kit-bearing big end standard	1
3	02/192007	Kit-bearing Big end Undersize - .010inch	1
3	02/192008	Kit-bearing Big end Undersize - .020inch	1
3	02/192009	Kit-bearing Big end Undersize - .030inch	1
4	:02/192083	Washer thrust top - standard	2
4	02/192011	Washer thrust top-oversize 0.19mm	2
5	:02/192084	Washer thrust bottom - standard	2
5	02/192013	Washer thrust btm-oversize 0.19mm	2
6	02/101440	Rod assembly Connecting	4
7	:02/100127	Bolt	2
8	:02/100128	Nut	2
9	:02/192015	Bush small end	1
10	02/100007	Piston assembly 5 ring	4
10	02/100008	Piston assembly Oversize - .030inch	0
11	:N.S.P.	None serviced part <i>Gudgeon pin</i>	1
12	:2203/1040	Circlip	2
13	02/101438	Kit-piston ring	4
13	02/100010	Kit-piston ring oversize - .030 inch	0
13	02/100011	Kit-piston ring service	0
14	02/190001	Gear crankshaft	1
15	02/100038	Key	1
16	02/101736	Pulley Crankshaft	1
17A	02/101813	Capscrew	3
18A	02/101812	Block Thrust	1
19	990/47900	Belt Drive - pair	1



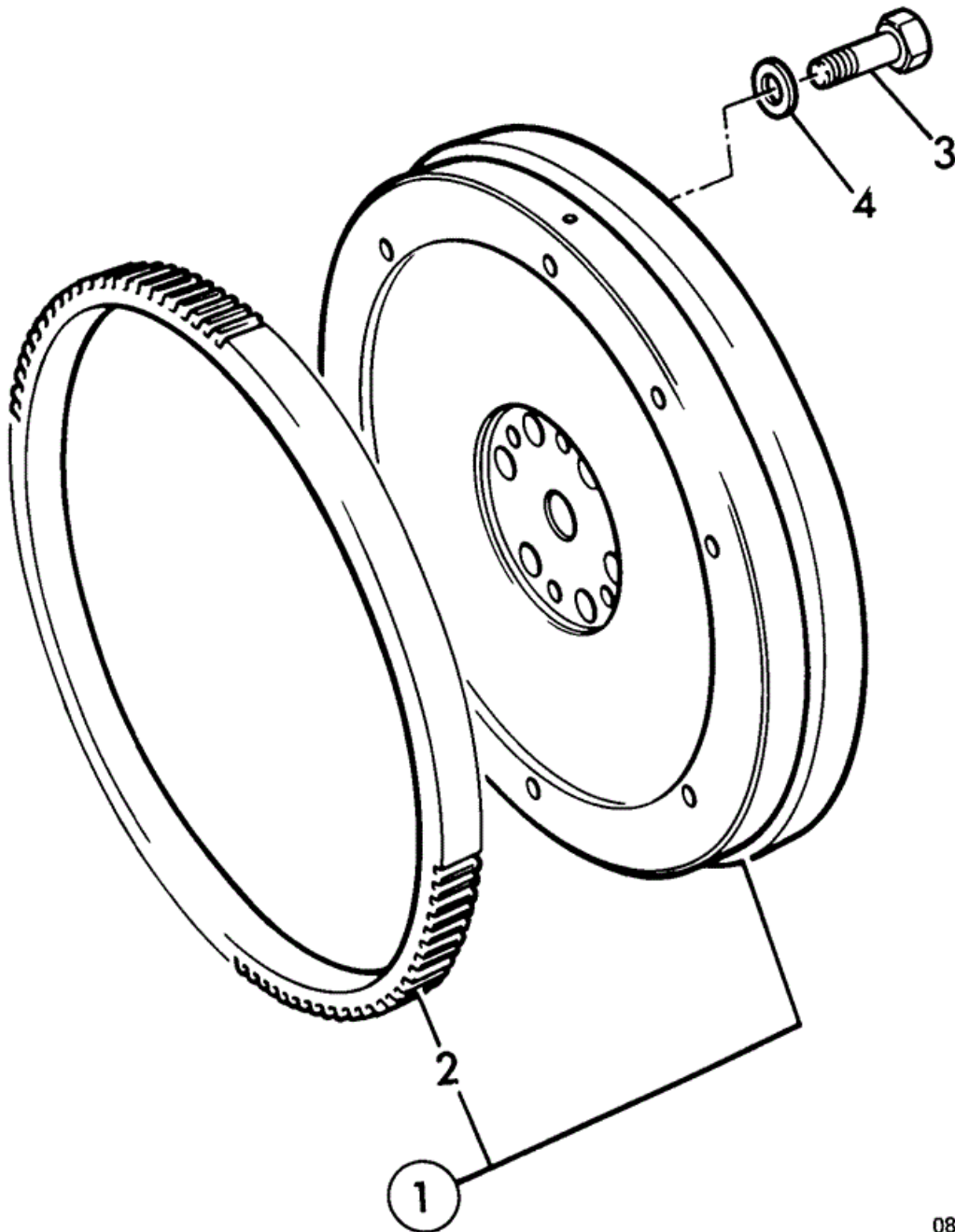
090211

Item	Part #	Change No	Description	Usage Code	QTY
1	02/101890		Camshaft		1
2	02/190032		Gear camshaft		1
3	02/100038		Key		1
4	02/100312		Bolt		1
5	02/100306		Washer		1

6	02/100305		Washer tab		1
7	02/100313		Plate thrust		1
8	02/192046		Washer thrust		1
9	2102/0604		Dowel		1
10	02/100041		Hub		1
11	02/190003		Gear Idler		1
12	:02/192016		Bush		2
13	02/100042		Plate		1
14	02/101905		Screw hexagon head		3
15	02/100002		Casing timing		1
16	02/101891		Gasket timing case		1
17	1305/0105Z		Bolt		8
18	1305/0106Z		Bolt 5/16"UNF x 1" long		1
19	823/00268		Washer spring		9
20	02/100140		Gasket		1
21	02/101483		Tube oil filler assembly		1
22	:02/101484		Cap oil filler		1
23	:02/100421		Seal		1
25	1305/0104Z		Setscrew (5/16" UNF x 3/4")		2
26	823/00268		Washer spring		2
32	02/100143		Gasket		1
33	02/100944		Cover timing		1
34	02/101435		Seal front oil		1
35	02/100006		Gasket timing cover		1
36	02/101796		Cover Inspection		1
37	02/100145		Gasket		1
38	1305/0103Z		Screw		4
39	823/00268		Washer spring		4
40	02/300113		Drive Tachometer		1
41	02/100146		Gasket		1
42	1305/3010Z		Bolt		1
43	1305/0004Z		Bolt		1
44	823/00267		Washer		2
49	1305/0105Z		Bolt <i>7/8"Long</i>		14
50	823/00268		Washer spring		14
51	1305/3118Z		Bolt 5/16"UNF x 2.5" long <i>2.1/2"Long</i>		4
52	823/00268		Washer spring		4



9802/7610 L1-6-1 FLYWHEEL & HOUSING LD BUILD

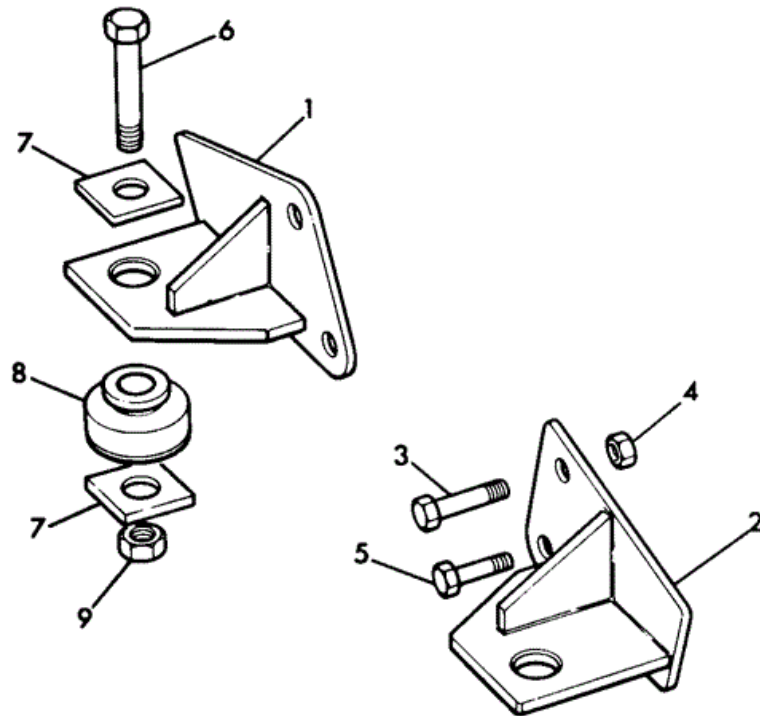


089940

Item	Part #	Change No	Description	Usage Code	QTY
A	****		'See Remark' <i>Flywheel housing See F5-6-1 & F5-2-1</i>		0
B	****		'See Remark' <i>Torque convertor See F5-6-1</i>		0
C	****		'See Remark' <i>Drive plate kit See F5-6-1</i>		0
1	02/101737		Flywheel assembly		1
2	:02/100078		Gear starter ring		1
3	1305/0407		Bolt		6
4	02/100614		Washer		6



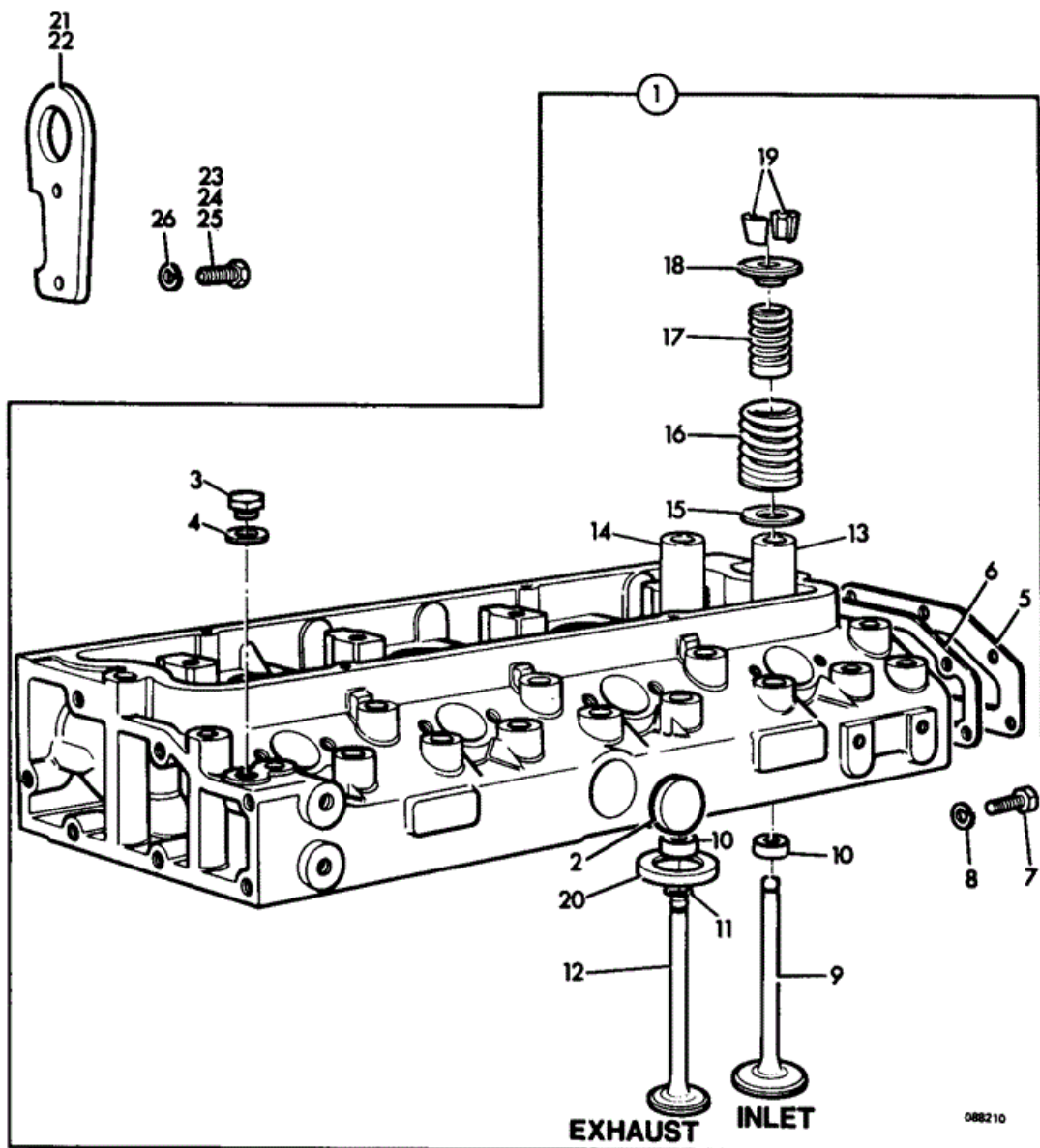
9802/7610 L1-7-1 ENGINE MOUNTINGS



Item	Part #	Change No	Description	Usage Code	QTY
1	190/74600		Bracket engine mounting <i>Front L.H.</i>		1
2	190/25500		Bracket engine mounting right hand <i>Front R.H.</i>		1
3	1315/3716		Bolt		2
4	1370/0603Z		Nut lock M16		2
5	1315/0710Z		Setscrew		2
6	1305/3424		Bolt		2
7	111/15709		Washer		4
8	111/30101		Mounting metalastik		2
9	1340/0403Z		Nut lock		2



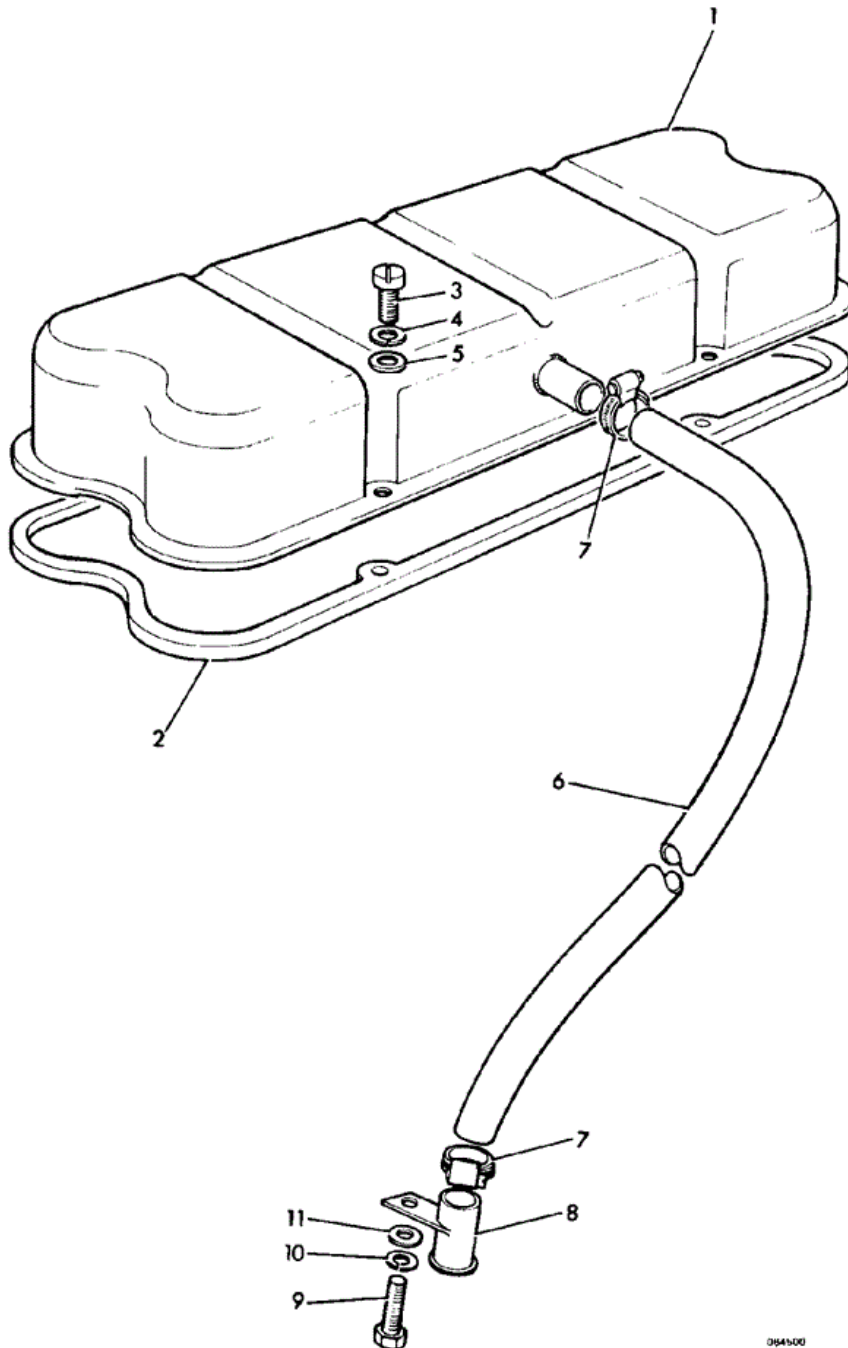
9802/7610 L2-1-1 CYLINDER HEAD LD BUILD



Item	Part #	Change No	Description	Usage Code	QTY
1	02/101882	Superseded	Head assembly, cylinder		1
1	02/101924		Head assembly, cylinder		1
2	:02/100105	Superseded	Plug core D=32mm		1
2	:02/100396		Plug core D=32mm		1
3	:02/100148		Plug		1
4	:823/00361		Washer		1
5	:02/101784		Cover		1
6	:02/101785		Gasket		1
7	:1305/0104Z		Setscrew (5/16" UNF x 3/4")		4
7	:1305/0204Z		Bolt 3/8"		2
8	:823/00268		Washer spring		4
8	:823/00269		Washer spring		2
9	:02/100022		Valve Inlet Standard		4
9	02/100212		Valve Inlet Standard <i>Used only with 02/101924</i>		4
10	:02/100668		Seal valve		8
11	:02/100026		O Ring		4
12	:02/100023		Valve Exhaust Standard		4
12	02/101607		Valve exhaust standard <i>Used only with 02/101924</i>		4
13	:02/101883		Guide inlet valve		4
14	:02/101884		Guide exhaust valve		4
15	:02/100638		Seat spring		8
16	:02/100019		Spring valve outer		8
17	:02/100018		Spring valve, inner		8
18	:02/100021		Holder Collet		8
19	:02/100024		Collet <i>Serviced in pairs</i>		8
20	02/100621		Insert valve seat exhaust		0
21	02/100157		Plate lifting <i>Rear</i>		1
22	02/100157		Plate lifting <i>Front</i>		1
23	1305/0205Z		Bolt <i>Rear plate bottom</i>		1
24	1305/0206Z		Setscrew (3/8" UNF x1") <i>Rear plate top</i>		1
25	1305/0210Z		Bolt <i>Front plate</i>		2
26	823/00269		Washer spring		4



9802/7610 L2-2-1 ROCKER COVER LD BUILD



094500

Item	Part #	Change No	Description	Usage Code	QTY
1	02/100035		Cover rocker		1
2	02/101749		Gasket rocker cover		1
3	1305/0003Z		Screw 1/4 UNF x .625		4

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