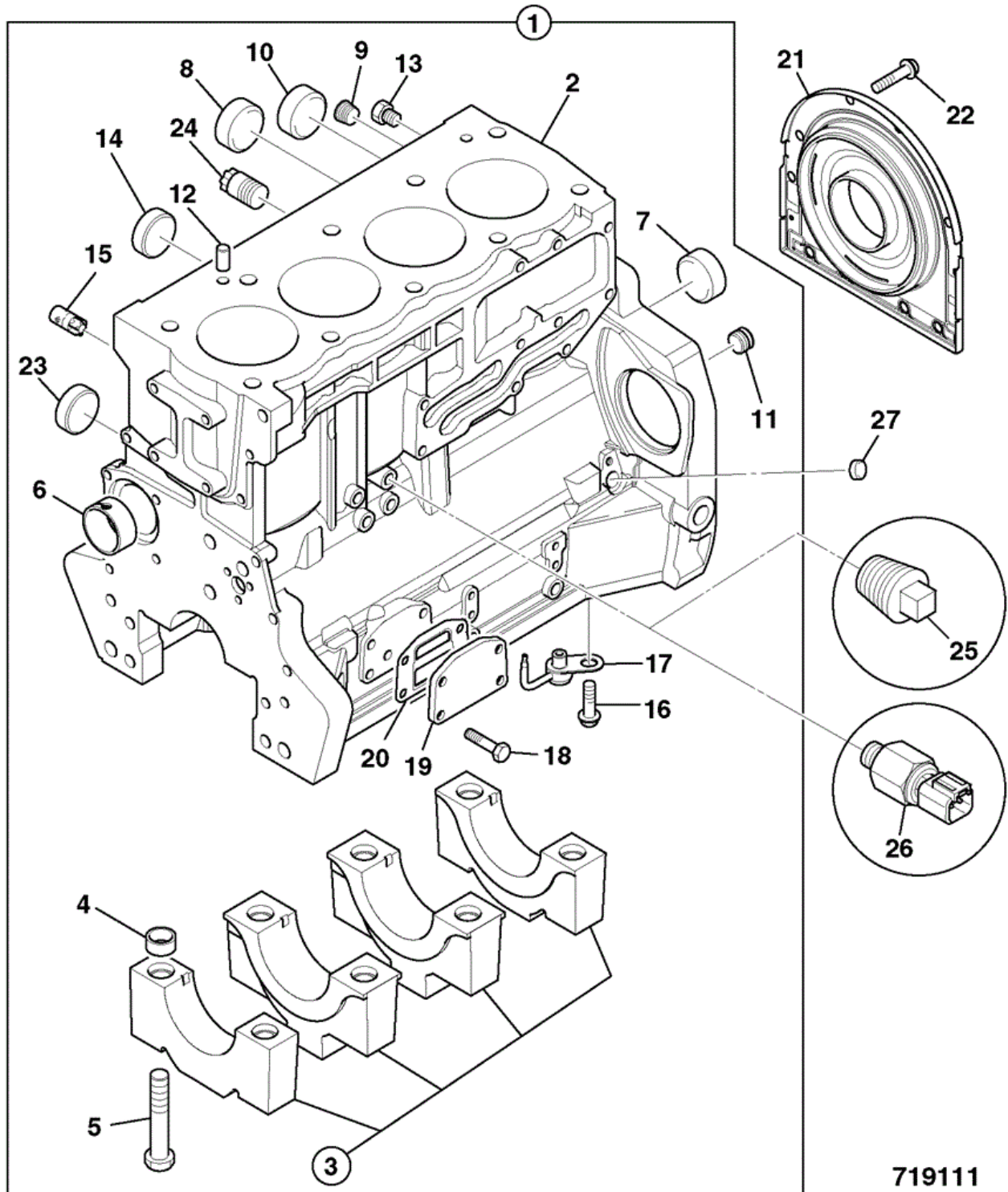




9802/8890 R1-3-1 BLOCK ASSEMBLY RE BUILD

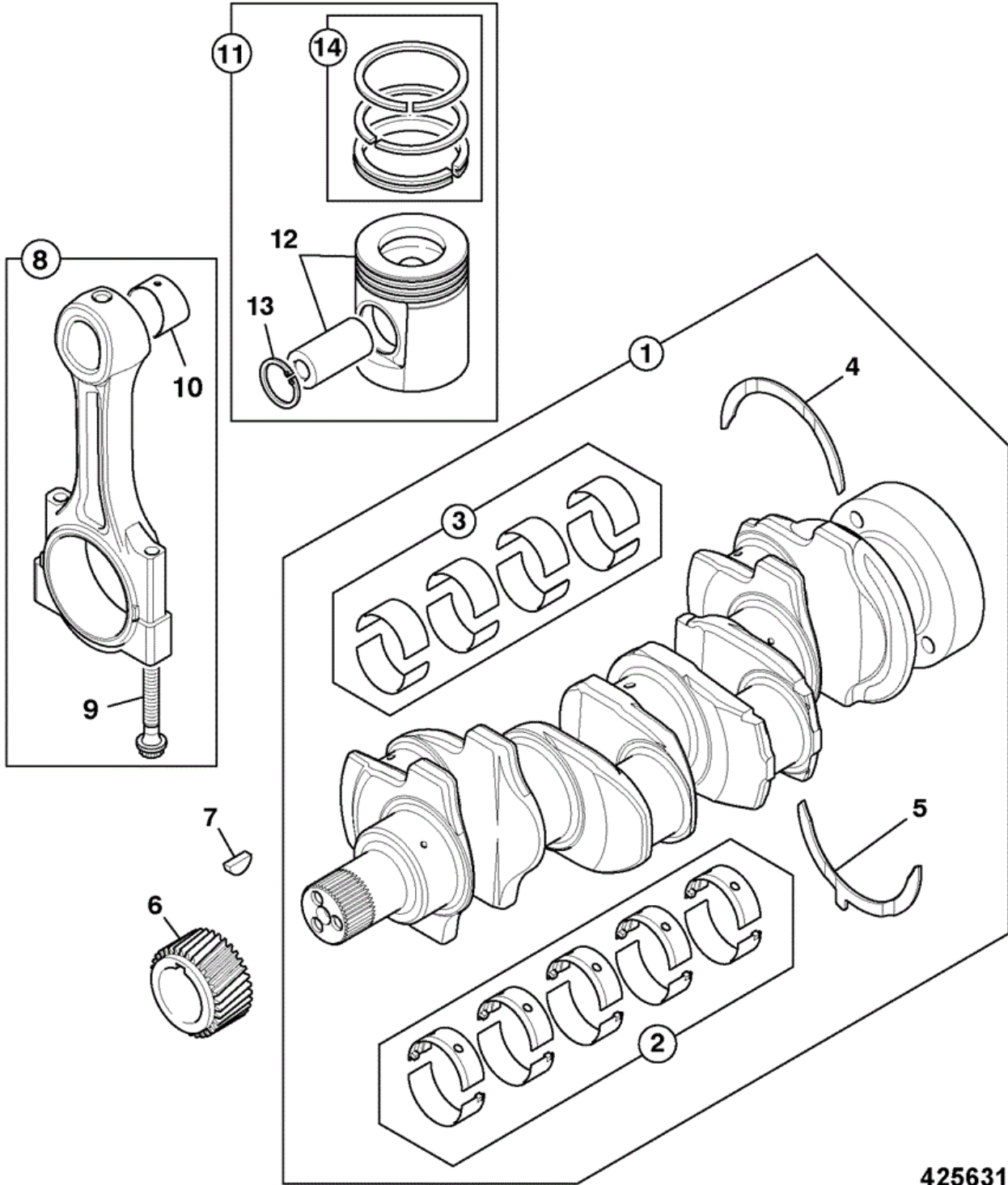


Item	Part #	Change No	Description	Usage Code	QTY
1	02/202900		Block cylinder assembly		1
2	****		None serviced part		1

3	****		None serviced part		1
4	:02/100101		Thimble		10
5	:02/100102		Bolt		10
6	:02/202901		Bush camshaft		1
7	:02/202902		Plug		1
8	:02/202903		Plug		2
9	:02/100134		Plug		1
10	:02/100396		Plug core D=32mm		1
11	:02/202904		Plug		1
12	:02/201818		Dowel		2
13	:02/202905		Plug		2
14	:02/202906		Plug		1
15	:02/202907		Plug		1
16	:02/291178		Screw		4
17	:02/202908		Jet piston cooling		4
18	:02/291032		Bolt M8 x 20mm		4
19	:02/202909		Plate blanking		1
20	:02/202931		Gasket oil filter head to cyl/block		1
21	02/202935		Housing & rear oil seal assembly		1
22	826/10721		Bolt torx head drive		8
23	02/202961		Plug		1
24	02/202997		Plug		1
25	826/00765		Plug		1
26	701/80327		Switch Engine Oil Pressure		1
27	02/202961		Plug		1



9802/8890 R1-4-1 CRANKSHAFT, BEARINGS PISTONS & CON-RODS RE BUILD

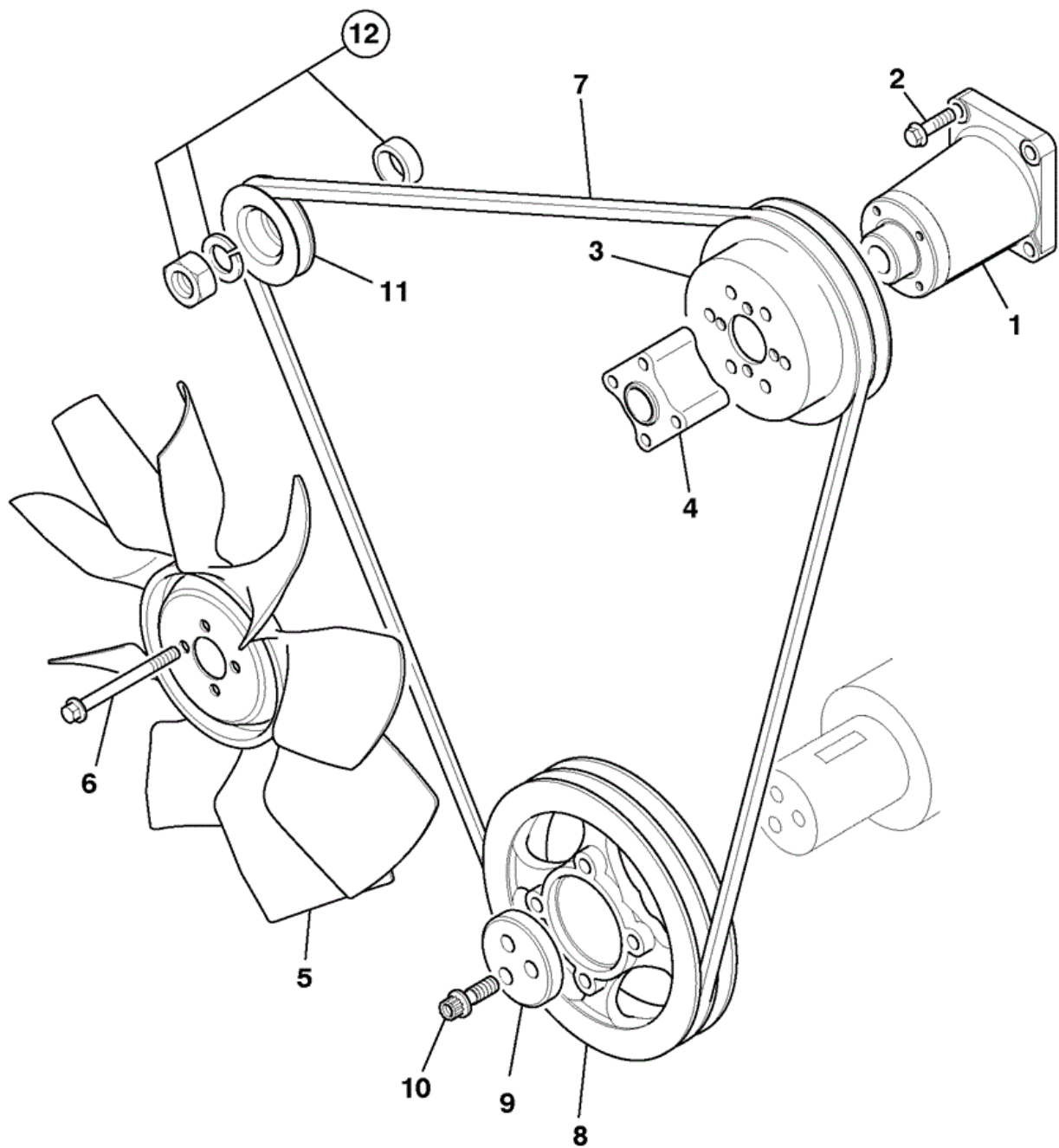


425631

Item	Part #	Change No	Description	Usage Code	QTY
1	02/203091	Superseded	Crankshaft assembly		1

1	02/202910	Crankshaft assembly	1
2	:02/202911	Kit-main bearing standard	1
2	02/202912	Kit-main bearing u/s 0.25mm	0
2	02/202913	Kit-main bearing u/s 0.50mm	0
2	02/202914	Kit-main bearing undersize (+)0.030"	0
2A	02/203172	Kit-main bearing standard oversize	0
2A	02/203173	Kit-main bearing oversize - 0.25mm	0
2A	02/203174	Kit-main bearing oversize - 0.50mm	0
2A	02/203175	Kit-main bearing oversize - 0.75mm	0
3	:02/202915	Kit-big end bearing standard	1
3	02/202916	Kit-big end bearing oversize - (+)0.010"	0
3	02/202917	Kit-big end bearing u/s 0.50mm	0
3	02/202918	Kit-big end bearing oversize - (+)0.030"	1
3A	02/203251	Kit-big end bearing Standard	0
3A	02/203252	Kit-big end bearing undersize (-)0.010"	0
3A	02/203253	Kit-big end bearing undersize (-)0.020"	0
3A	02/203254	Kit-big end bearing undersize (-)0.030"	0
4	:02/192083	Washer thrust top - standard	2
4	02/192011	Washer thrust top-oversize 0.19mm	0
5	:02/192084	Washer thrust bottom - standard	2
5	02/192013	Washer thrust btm-oversize 0.19mm	0
6	02/202919	Gear crankshaft	1
7	02/100038	Key	1
8	02/202922	Kit-conrod grade 'F' RED	4
8	02/202923	Kit-conrod grade 'G' ORANGE	0
8	02/202924	Kit-conrod grade 'H' WHITE	0
8	02/202925	Kit-conrod grade 'J' GREEN	0
8	02/202926	Kit-conrod grade 'K' PURPLE	0
8	02/202927	Kit-conrod grade 'L' BLUE	0
9	:02/202929	Bolt conrod	1
10	:02/202928	Bush small end	2
11	02/203092	Kit-piston	4
11	02/203205	Kit-piston & ring oversize 0.5mm	0
11	02/203206	Kit-piston & ring oversize 1.0mm	0
12	****	None serviced part	1
13	:02/201151	Circlip	2
14	:02/203093	Kit-piston ring	1

9802/8890 R1-5-1 FANS, PULLEYS & FAN BELT LOW SPEED
FAN



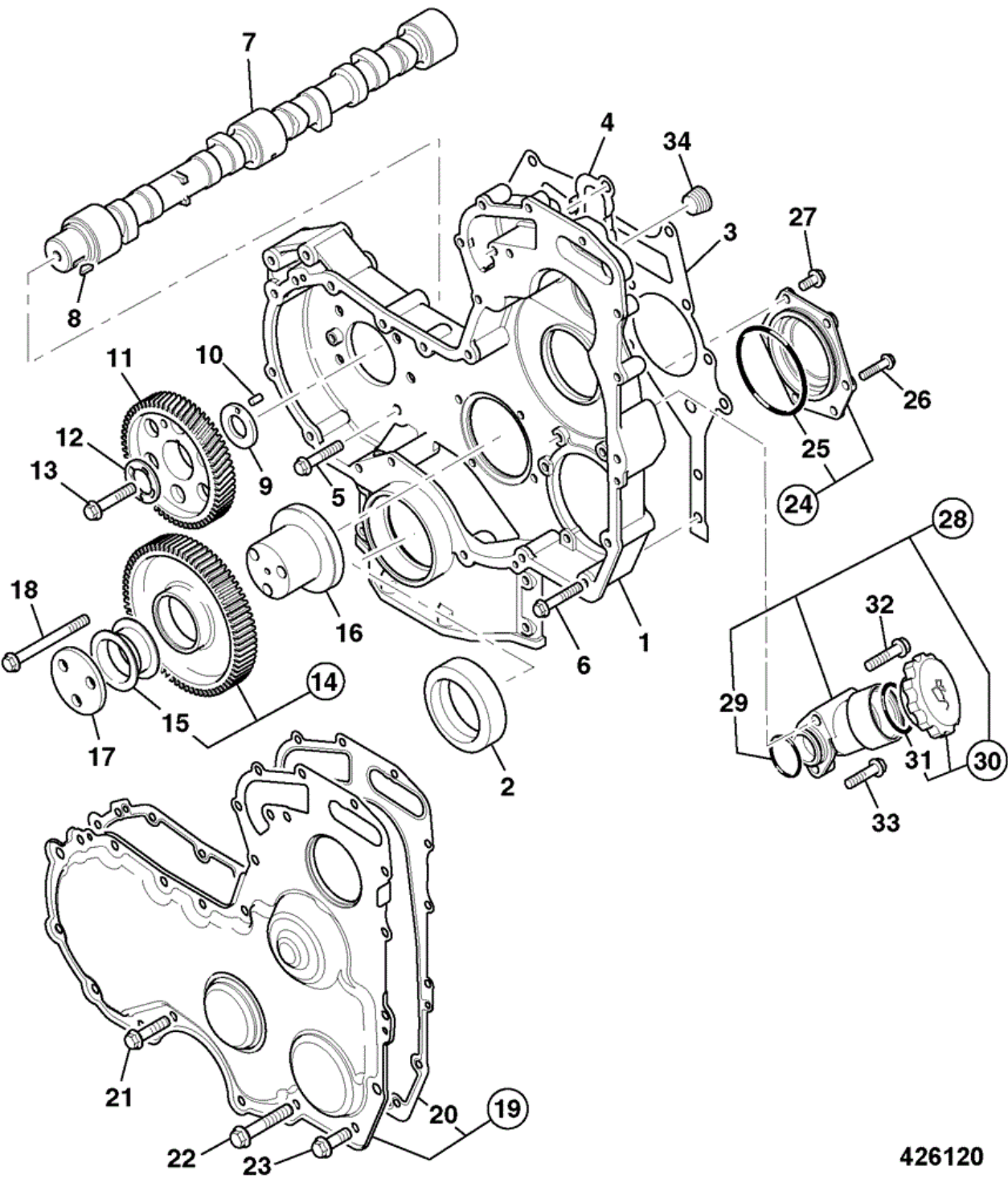
719780

Item	Part #	Change No	Description	Usage Code	QTY
1	02/202962		Housing fan drive assembly		1

2	02/291096		Screw		4
3	02/201329		Pulley fan twin groove, 205mm		1
4	02/201385		Spacer fan 63.5mm		1
5	30/925526		Fan D=20" Puller		1
6	02/291122		Screw M8 x 85mm		1
7	02/101977		Belt fan single		1
8	02/200877		Pulley crankshaft twin groove		1
9	02/200017		Block Thrust		1
10	02/100579		Screw		3
11	02/202438		Pulley alternator D=73mm single groove		1
12	714/20405		Kit-sundry parts		1



9802/8890 R1-6-1 TIMING CASE CAMSHAFT & GEARS RE BUILD

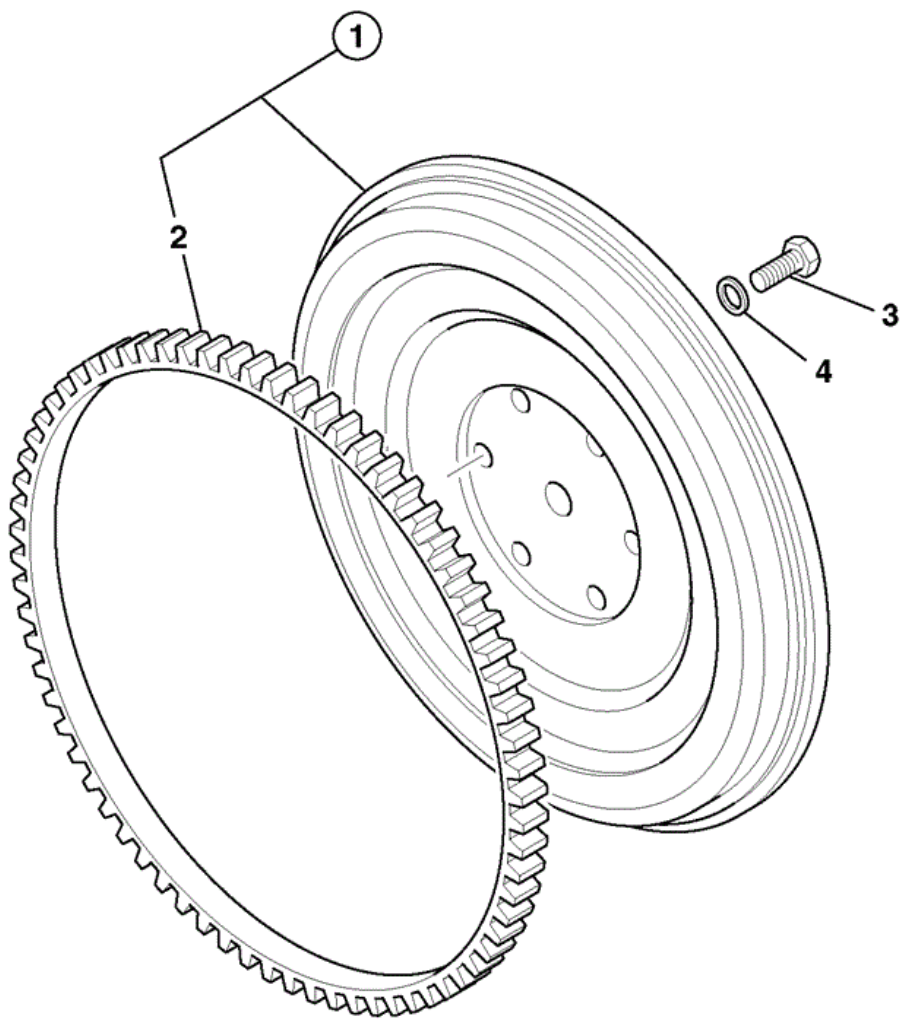


426120

Item	Part #	Change No	Description	Usage Code	QTY
1	02/203050		Casing timing		1

2	02/101435		Seal front oil	1
3	02/202984		Gasket timing case to block	1
4	02/202983		Gasket timing case	1
5	826/00869		Screw flange head	8
6	02/291033		Bolt	4
7	02/202958		Camshaft	1
8	02/100038		Key	1
9	02/291065		Washer	1
10	2102/0604		Dowel	1
11	02/203049		Gear camshaft	1
12	02/203047		Washer thrust	1
13	02/291196		Screw	1
14	02/203110		Gear idler	1
15	:02/192016		Bush	2
16	02/100041		Hub	1
17	02/201288		Plate	2
18	02/291073		Screw	3
19	02/202993		Cover timing	2
20	:02/202994		Gasket timing cover	1
21	02/291016		Screw	9
22	02/291025		Bolt (M8 x 65)	5
23	826/00901		Screw	1
24	02/202995		Plate blanking	1
25	:02/202996		O Ring	1
26	02/291031		Bolt	5
27	826/00901		Screw	1
28	02/203018		Filler lubricating oil assembly	1
29	02/200135		O Ring	1
30	:02/201343		Cap oil filler	1
31	:02/201098		O Ring	1
32	::02/291104		Screw	1
33	02/291018		Bolt	1
34	02/100095		Plug taper	1

9802/8890 R1-7-1 FLYWHEEL & STARTER RING GEAR RE BUILD

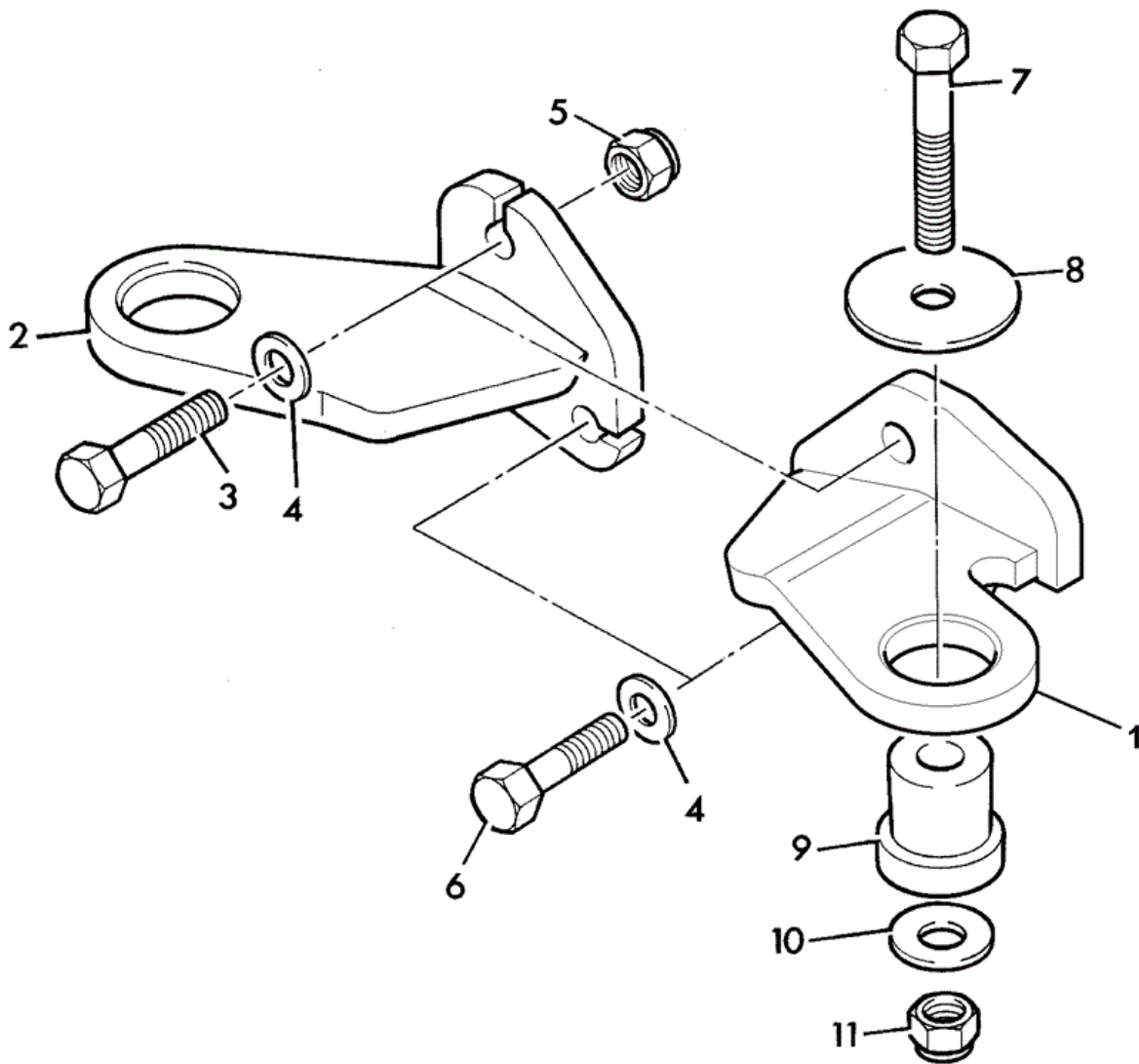


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Item	Part #	Change No	Description	Usage Code	QTY
1	02/101737		Flywheel assembly		1

2	:02/100078		Gear starter ring		1
3	02/100570		Setscrew		6
4	02/200725		Washer		6

JCB 9802/8890 R1-8-1 ENGINE MOUNTINGS

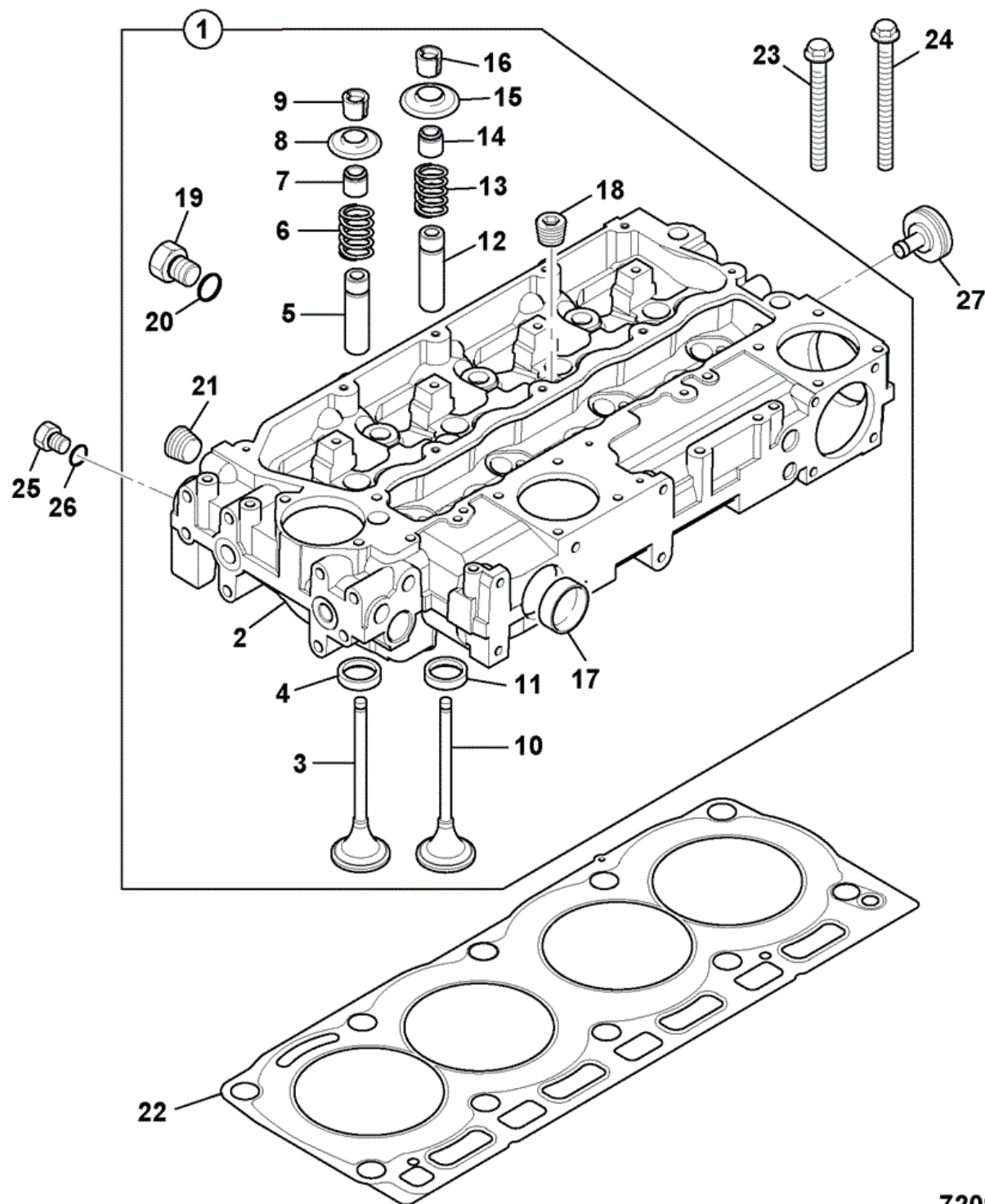


392740

Item	Part #	Change No	Description	Usage Code	QTY
1	335/02850		Bracket engine mounting left hand		1
2	125/00205		Bracket engine mounting right hand		1

3	1315/3717Z		Bolt M16 x 75mm		2
4	1370/0603Z		Nut lock M16		2
5	1420/0011Z		Washer (M16)		4
6	1315/0710Z		Setscrew		2
7	1315/3519Z		Bolt M12x90mm		2
8	123/02453		Washer Rebound (13.5mm x 65mm x 5mm)		2
9	123/03138		Mounting rubber		2
10	823/00531		Washer		2
11	1370/0403Z		Nut Lock, M12		2

JCB 9802/8890 R2-1-1 CYLINDER HEAD RE BUILD



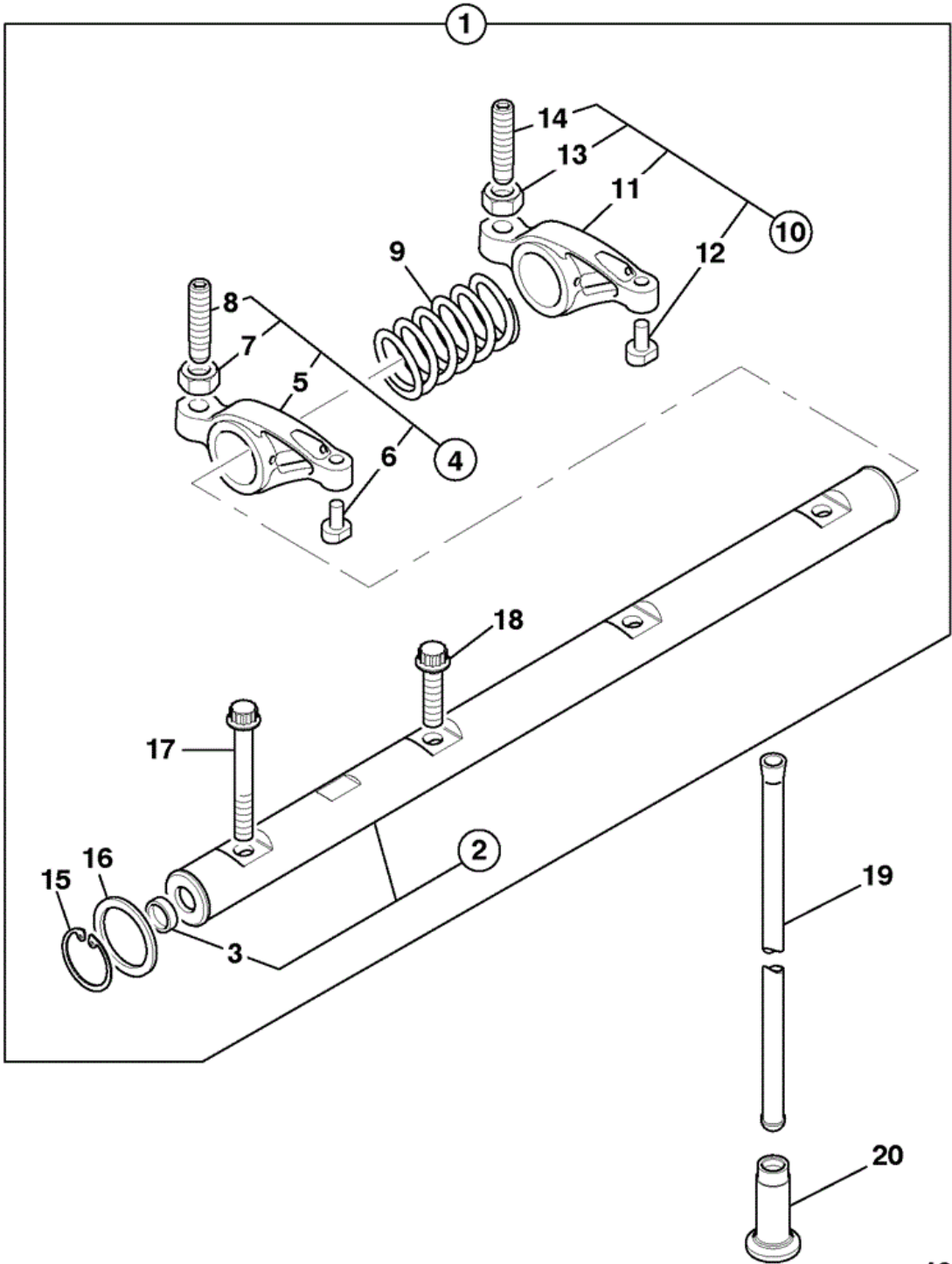
720920

Item	Part #	Change No	Description	Usage Code	QTY
1	02/203211		Head cylinder assembly		1
2	****		None serviced part		1

3	:02/202941		Valve inlet		4
4	:02/202938		Insert inlet valve		4
5	:02/201812		Guide valve		4
6	:02/202934		Spring valve		4
7	:02/203213		Kit-seal valve stem		1
8	:02/202937		Cap valve		4
9	:02/201515		Collet		4
10	:02/202942		Valve exhaust		4
11	:02/202939		Insert exhaust valve		4
12	:02/201812		Guide valve		4
13	:02/202934		Spring valve		4
14	:02/203213		Kit-seal valve stem		1
15	:02/202937		Cap valve		4
16	:02/201515		Collet		4
17	:02/100107		Plug core D=50mm		2
18	:02/100134		Plug		4
19	:02/202943		Plug		1
20	:02/202944		O Ring		1
21	:02/100095		Plug taper		1
22	02/203147		Gasket cylinder head		1
23	02/202946		Bolt cylinder head		7
24	02/202947		Bolt cylinder head		3
25	02/202943		Plug		1
26	02/202944		O Ring		1
27	02/203116		Adapter		1



9802/8890 R2-2-1 ROCKER ASSEMBLY PUSH RODS & TAPPETS RE BUILDS



425681

Item	Part #	Change No	Description	Usage Code	QTY
1	02/202950		Shaft rocker assembly		1

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