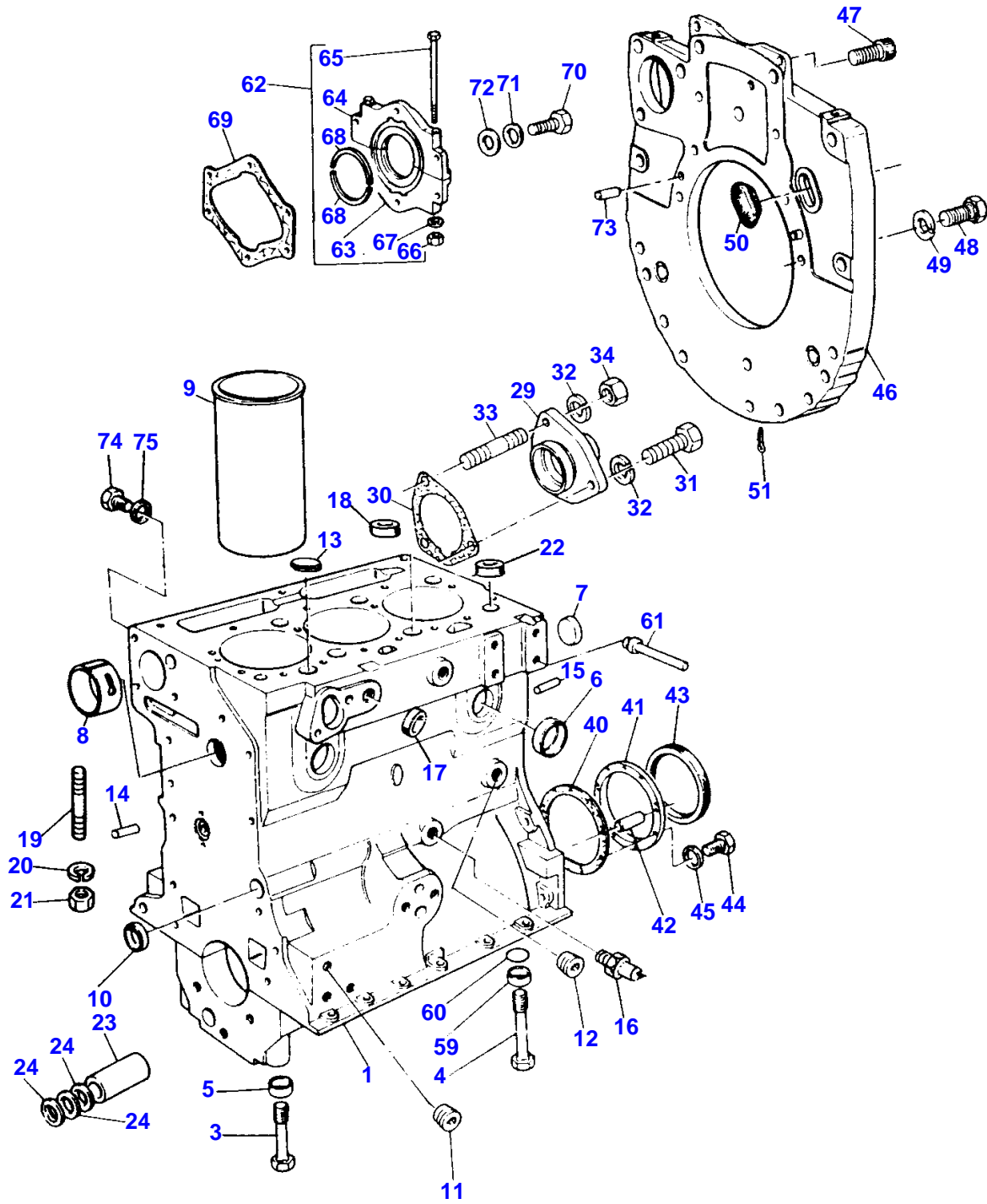


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Item	Part Number	Qty	Description	Comments
				AD3.152
1	91049	1	Block	Up to Serial or Engine Number UA391044DL
	41423506	1	Cylinder Block	From Serial or Engine Number UA391045DL
3	32181441	6	Screw	1
4	32181442	2	Screw	1
5	33137408	6	Thimble	1
6	0650563	4	Plug	1
7	0650664	1	Plug	1
8	0650710	1	Plug	1
9	31358345	X	Liner	(B)
	31358323	3	Liner	(A)
				1
10	0650566	2	Plug	
11	32114471	3	Plug	
12	0650593	1	Plug	Up to Serial or Engine Number U726816K
	0650594	1	Plug	From Serial or Engine Number U726817K
13	33141124	1	Plug	1
14	0350005	1	Dowel	
15	0350016	2	Dowel	
16	1423895M91	1	Switch	Up to Serial or Engine Number 138D00006/238B00030
	1877721M92	1	Pressure Switch	From Serial or Engine Number 138D00007/238B00031
17	32417115	2	Plug	1
18	33157142	2	Plug	
19	0826285	1	Stud	
20	0920053	1	Washer	
21	0576002	1	Nut	
22	33157143	2	Plug	
23	33266125	1	Spacer	
24	33121417	X	Shim	Thickness 0,9MM.
	33121416	X	Shim	Thickness 0,25MM.
	0760050	X	Shim	Thickness 0,13MM.
	33121415	X	Shim	Thickness 0,05MM.
29	37416753	1	Plate	
30	36862511	1	Joint	
31	0746255	2	Setscrew	
32	0920053	3	Washer	
33	0826201	1	Stud	
34	0576002	1	Nut	
40	33826111	1	Joint	
41	37424611	1	Housing	Up to Serial or Engine Number UA391044DL
	4142V002	1	Housing	From Serial or Engine Number UA391045DL
42	0350015	2	Dowel	
43	2415391	1	Seal	Up to Serial or Engine Number UA391044DL
	2418F475	1	Seal	From Serial or Engine Number UA391045DL
				41
44	0746255	9	Setscrew	
45	0920003	9	Washer	
46	37147975	1	Plate	
47	0720798	2	Screw	
48	0746454	6	Setscrew	
49	0920054	6	Washer	
50	37813113	1	Plug	
51	0610045	1	Pin	
59	33137408	2	Thimble	
60	2415608	2	O Ring	
61	2485A204	1	Plug	(C)
				1
62	41422034	1	Cover	Up to Serial or Engine Number UA391044DL
63		1	Housing	Not serviced, order 41422034
64		1	Housing	Not serviced, order 41422034
65	0096243	2	Screw	62
66	0576002	2	Nut	62
67	0920053	2	Washer	62
68	36883106	2	Seal	62
69	36817134	1	Joint	Up to Serial or Engine Number UA391044D
70	0746354	6	Screw	Up to Serial or Engine Number UA391044D
71	0920299	6	Washer	Up to Serial or Engine Number UA391044D
72	33114118	6	Shim	Up to Serial or Engine Number UA391044D
73	0350016	2	Dowel	
74	0746451	2	Screw	

MASSEY FERGUSON

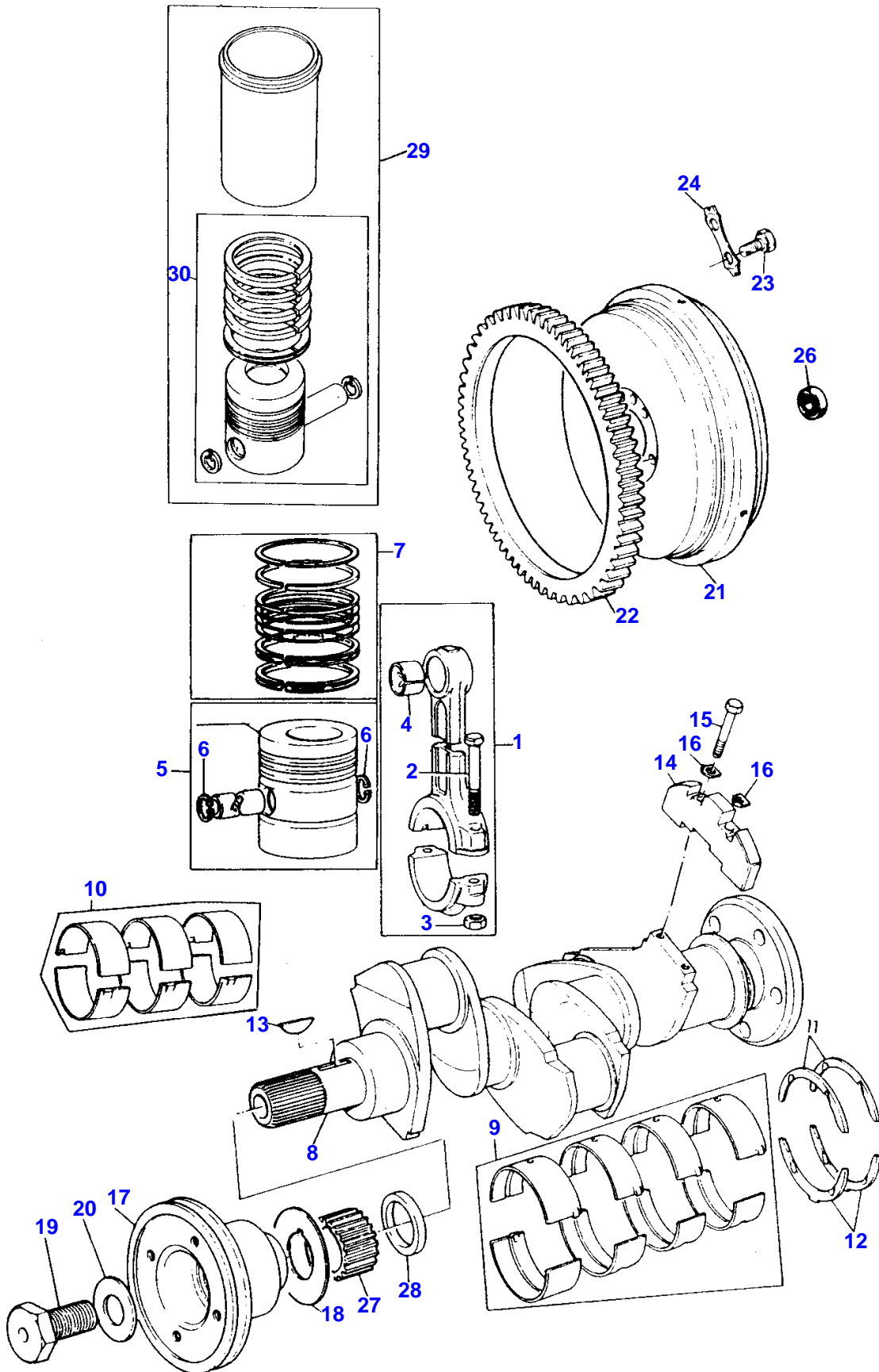
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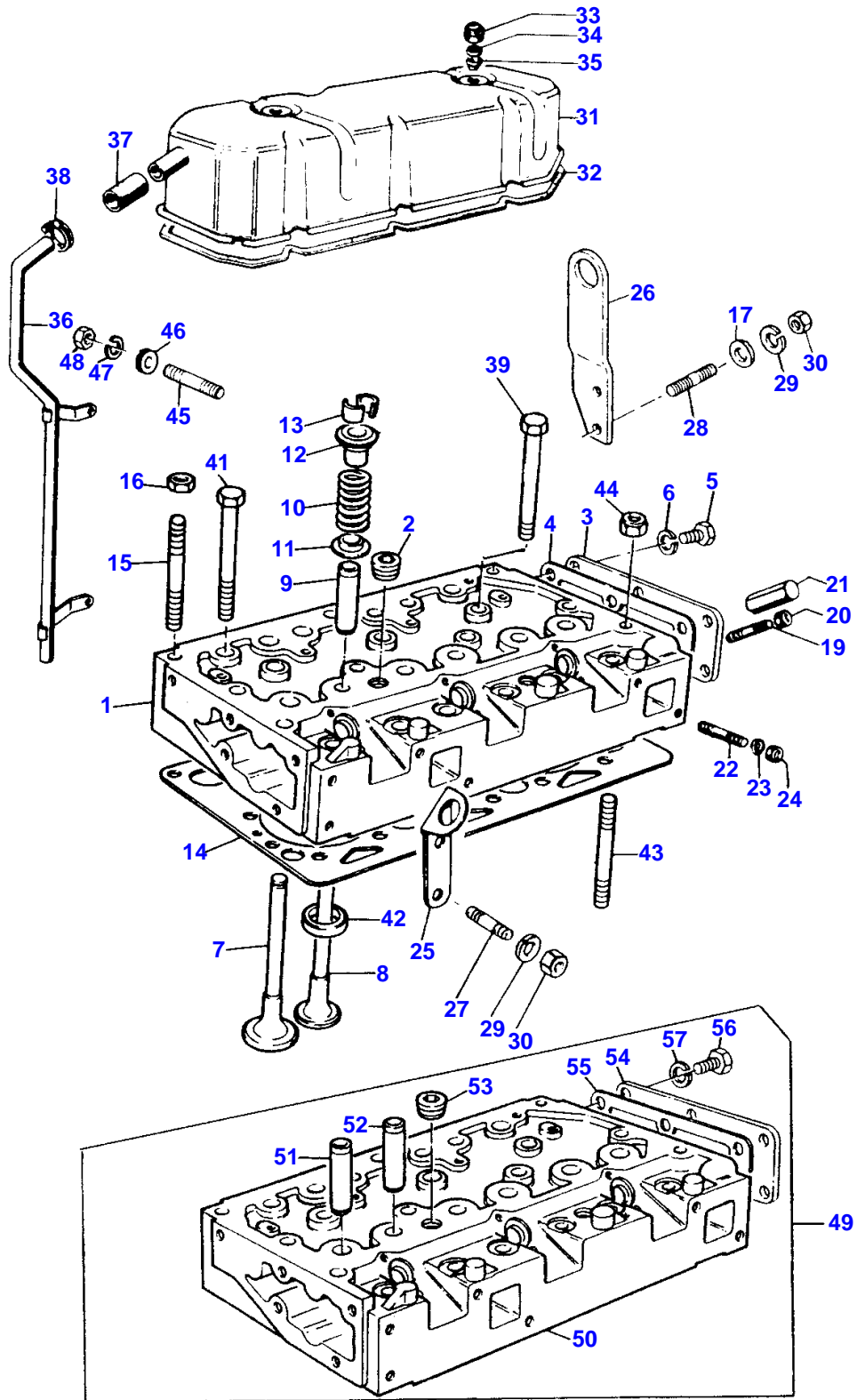
CYLINDER BLOCK - AD3.152

2

Item	Part Number	Qty	Description	Comments
75	0920155	2	Washer	(A) PRESS FIT (B) SLIP FIT (C) USED ONLY WITH U5BA0012 AND 41423506



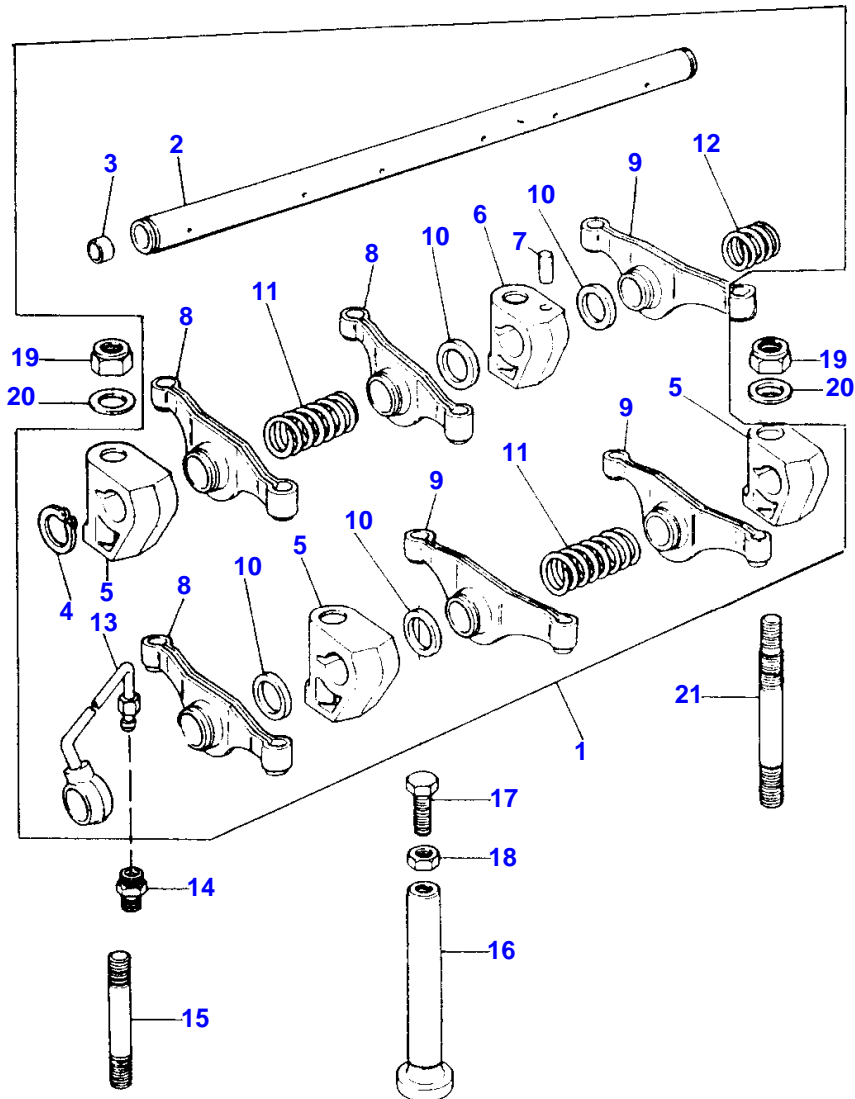
Item	Part Number	Qty	Description	Comments
				AD3.152
1	ZZ90010	3	Kit, Conrod	Repairs and replaces M7BJ0014
2	0095250	6	Bolt	1
3	33221327	6	Nut	1
4	31134151	3	Bush	1
5	68302	3	Kit, Piston	(B)
	89214	3	Kit, Piston	(C)
6	0170001	6	Circlip	5
7	41158065	3	Kit, Piston Ring	
8	U5BG0012	1	Kit, Crankshaft	Up to Serial or Engine Number UA391044D
	94458	1	Kit, Crankshaft	From Serial or Engine Number UA391045DL
9	68084	X	Kit, Bearing	(A)
				8
9	68084A	X	Kit, Bearing	(A)
				Thickness -0,254MM.
9	68084B	X	Kit, Bearing	(A)
				Thickness -0,508MM.
9	68084C	X	Kit, Bearing	(A)
				Thickness -0,762MM.
10	85036	X	Kit, Bearing	(A)
				8
10	85036A	X	Kit, Bearing	(A)
				Thickness -0,254MM.
10	85036B	X	Kit, Bearing	(A)
				Thickness -0,508MM.
10	85036C	X	Kit, Bearing	(A)
				Thickness -0,762MM.
11	31137211	2	Thrust Washer	8
	31137212	X	Washer	Thickness +0,178MM.
12	31137221	2	Thrust Washer	8
	31137222	X	Washer	Thickness +0,178MM.
13	36271704	1	Woodruff Key	
14	31328241	2	Weight	
15	2185189	4	Screw	
16	31731516	2	Washer	Left Hand
	31731515	2	Washer	Right Hand
17	31147788	1	Pulley,Crank	
18	33176137	1	Washer	
19	32162312	1	Screw	
20	33125112	1	Washer	
21	1825512M1	1	Flywheel	
22	0410236	1	Starter Ring	
23	973013M1	6	Bolt	
24	0921062	3	Tab Washer	
26	339599X1	1	Bearing Ball	
27	0410132	1	Gear,Crankshaft	
28	0330811	1	Spacer	
29	U5MK0117	X	Kit, Cylinder	(D)
	U5MK0059	X	Kit, Cylinder	(E)
30	U5PR0002	1	Kit, Piston	1
				(A)
				PRE-FINISHED
				(B)
				UNTOPPED
				(C)
				PRE-TOPPED
				(D)
				SLIP FIT
				(E)
				PRESS FIT





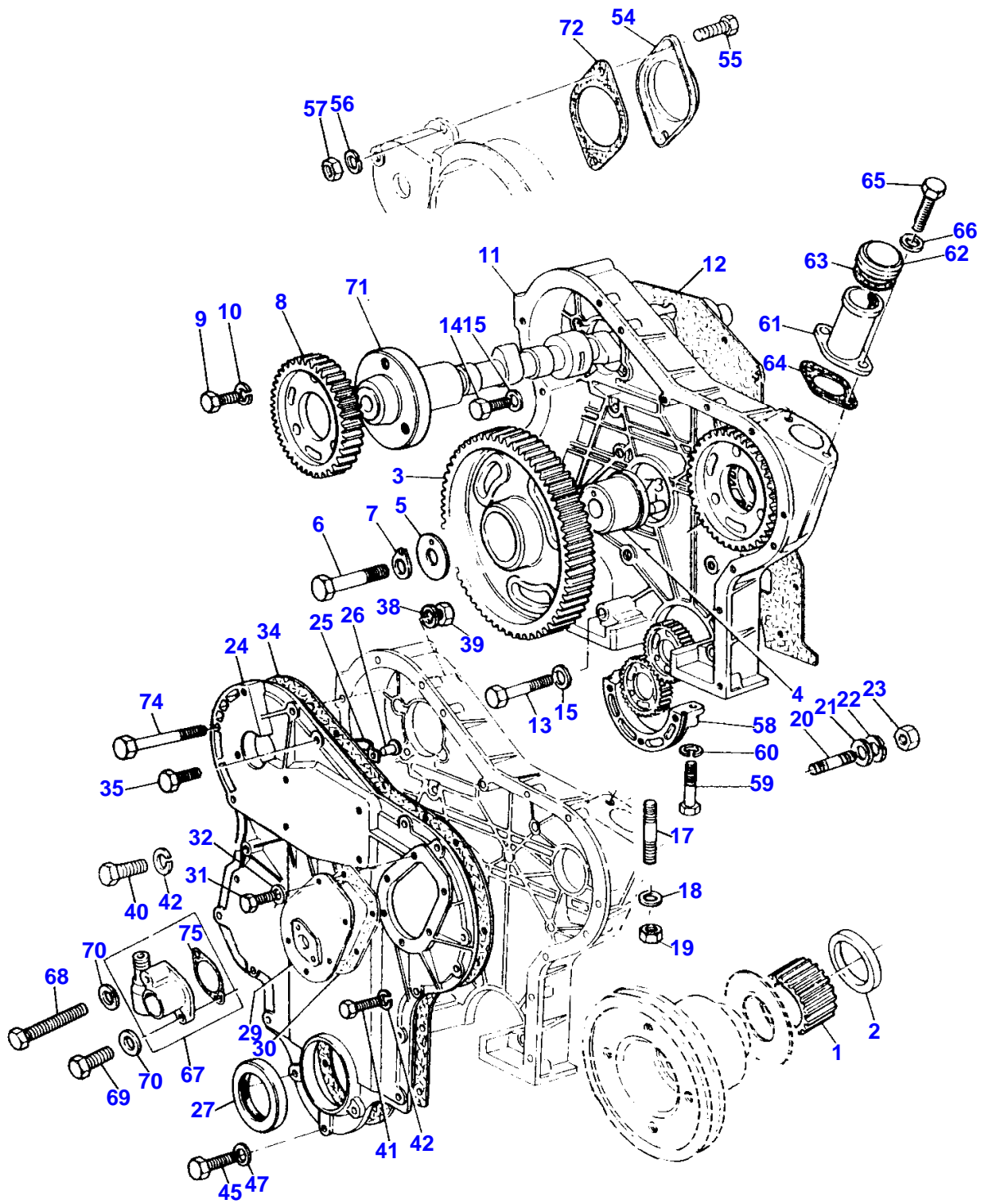
CYLINDER HEAD AND COVER - AD3.152

Item	Part Number	Qty	Description	Comments
				AD3.152
1	ZZ80082	1	Kit, Cyl. Head	(B) Repairs and replaces 89141
2	2431154	2	Plug	1
3	3612M002	1	Plate	Repairs and replaces 0940737 1
4	0490485	1	Joint	1
5	0746254	6	Setscrew	1
6	0920053	6	Washer	1
7	31431681	3	Valve Inlet	1
8	31431011	3	Valve Exhaust	Repairs and replaces 31431761 1
9	33261723	6	Guide	1
10	0780006	6	Spring	1
11	33415133	6	Washer	1
12	33423148	6	Cap	Repairs and replaces 0150008 1
13	0230001	12	Cotter	(A) 1
14	3681E006	1	Head Gasket	Repairs and replaces 36812127
15	32524148	3	Stud	
16	33221315	3	Nut	Up to Serial or Engine Number U727260K
	33221329	3	Nut	From Serial or Engine Number U727261K
17	0920004	1	Washer	
19	2216105	6	Stud	Repairs and replaces 0826264
20	0576002	3	Nut	
21	32726512	3	Nut	
22		4	Stud	See Page - Reference Number 58-60
23		4	Washer	See Page - Reference Number 58-60
24		4	Nut	See Page - Reference Number 58-60
25	36456321	1	Plate	
26	36531408	1	Plate	
27	0826462	2	Stud	
28	2216194	2	Stud	Repairs and replaces 0826466
29	0920054	4	Washer	
30	0576051	4	Nut	
31	37188557	1	Cyl.Head Cover	
32	36811115	1	Joint	
33	0576102	2	Nut	
34	3381A003	2	Washer	
35	3314P004	2	Washer	
36	35732479	1	Pipe,Breather	
37	0202058	1	Hose	
38	2481863	2	Clip	
39	32181447	4	Screw	Up to Serial or Engine Number U727260K
	32181457	4	Screw	From Serial or Engine Number U727261K
41	32181446	9	Screw	Up to Serial or Engine Number U727260L
	32181458	9	Screw	From Serial or Engine Number U727261K
42	33124428	3	Insert	
43	32524132	2	Stud	
44	33221315	2	Nut	Up to Serial or Engine Number U727260K
	33221329	2	Nut	From Serial or Engine Number U727261K
45	2217602	1	Stud	Repairs and replaces 0827622
46	0920460	1	Spacer	
47	0920053	1	Washer	
48	0576002	1	Nut	
49	ZZ80017	1	Kit, Cyl. Head	1
50		1	Head	Not serviced, order ZZ80017 49
51	33261723	3	Guide	49
52	33261723	3	Guide	49
53	2431154	2	Plug	49
54	3612M002	1	Plate	49
55	0490485	1	Joint	49
56	0746254	6	Setscrew	49
57	0920053	6	Washer	49
				(A) SERVICED IN PAIR (B) WAS 89141 USE ZZ 80082/32754435-(QTY.2)2214209-(QT Y.2)32754434-(QTY.2)



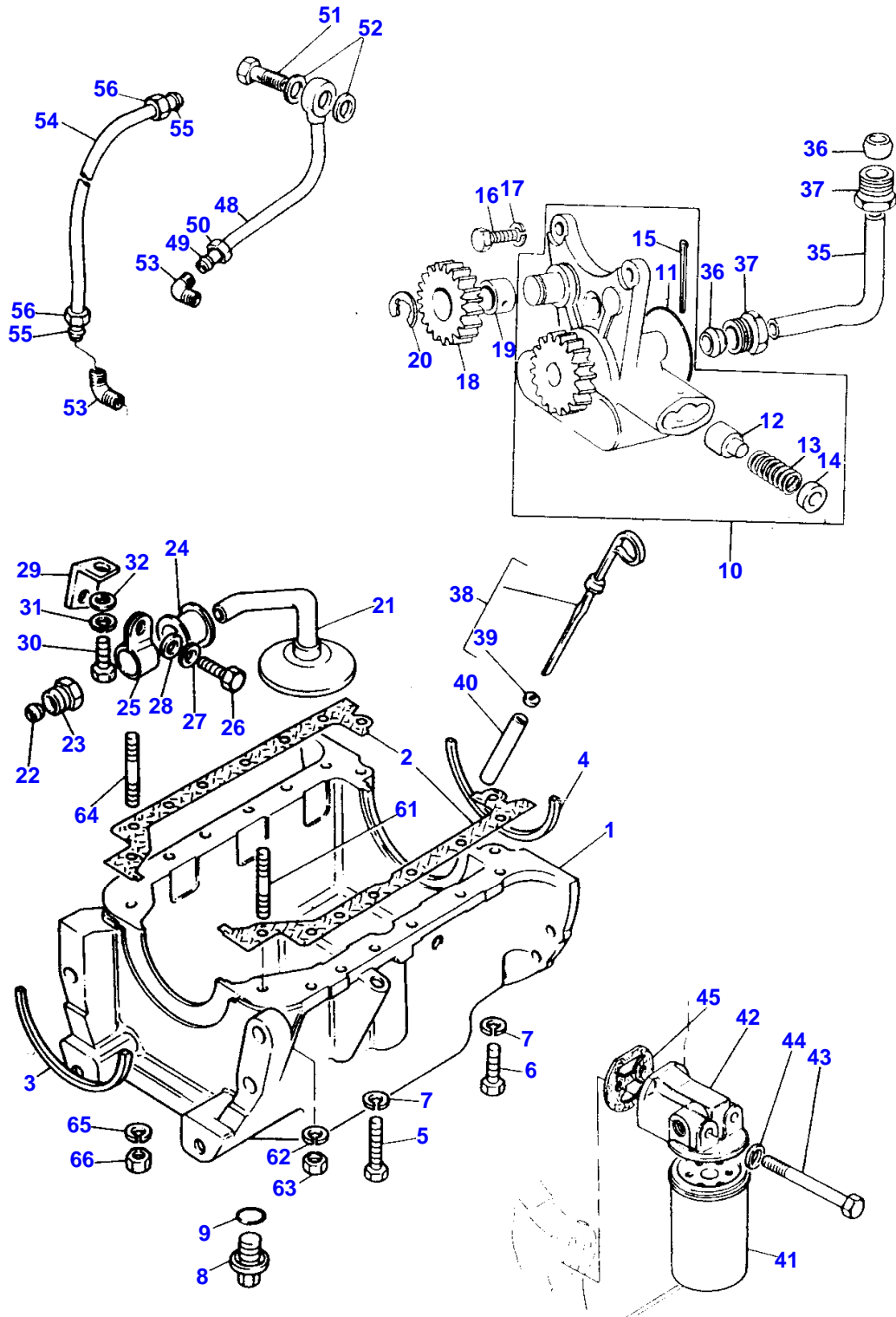
ROCKER ARM - AD3.152

Item	Part Number	Qty	Description	Comments
				AD3.152
1	41151306	1	Rocker Shaft Ass	Repairs and replaces 83135
2	53843	1	Rocker Shaft	(A) 1
2	U7LR0002	1	Rocker Shaft	(B) 1
3	0650507	2	Plug	2
4	0170033	2	Circlip	1
5	0101138	4	Bracket	(A) 1
5	0101138	3	Bracket	(B) 1
6	37521212	1	Bracket	(B) 1
7	2112A066	1	Pin	(C) 1
8	3737A031	3	Lever	Left Hand Alternative 0520430 1
9	3737A041	3	Lever	Right Hand Alternative 0520429 1
10	0330505	4	Spacer	(A) 1
10	0330505	5	Spacer	(B) 1
11	0780005	2	Spring	1
12	0780175	1	Spring	1
13	35568352	1	Pipe	1
14	0206002	1	Union	
15	2214209	2	Stud	
16	0860012	6	Tappet	
17	0720677	6	Screw	
18	0576052	6	Nut	
19	2211283	4	Nut	
20	0920004	4	Washer	
21	32754435	2	Stud	
				(A) USED ONLY WITH 83135
				(B) USED ONLY WITH 41151306
				(C) USED ONLY WITH 37521212



TIMING GEAR - AD3.152

Item	Part Number	Qty	Description	Comments
				AD3.152
1	0410132	1	Gear,Crankshaft	Number of teeth/spines 25
2	0330811	1	Spacer	
3	31164362	1	Gear,Idler	Number of teeth/spines 90
4	0995447	1	Hub	
5	0940738	1	Plate	
6	0095199	1	Screw	
7	0920883	1	Washer	
8	0410241	1	Gear,Camshaft	Number of teeth/spines 50
9	0746214	3	Screw	
10	0920053	3	Washer	
11	37161481	1	Timing Case	
12	36814119	1	Joint	
13	0746355	12	Screw	
14	0096234	2	Bolt	
15	0920053	14	Washer	
17	0826265	2	Stud	
18	0920053	2	Washer	
19	0576002	2	Nut	
20	0827619	3	Stud	
21	0920003	3	Washer	
22	0920053	3	Washer	
23	0576002	3	Nut	
24	A5FH0245	1	Kit, Front Cover	Repairs and replaces A5FH0197
25	3661P002	1	Spring	24
26	2126151	1	Rivet	24
27	2415344	1	Seal	Repairs and replaces 2415343 24
29	37523171	1	Cover	
30	36862512	1	Joint	
31	0748353	6	Screw	
32	2411151	6	Washer	
34	36813136	1	Joint	
35	0096213	2	Bolt	
38	0920053	3	Washer	
39	0576002	3	Nut	
40	0748354	1	Screw	
41	0748353	8	Screw	
42	0920052	9	Washer	
45	2233207	3	Screw	
47	0920053	3	Washer	
54	37461104	1	Plate	
55	0748510	2	Bolt	
56	0920054	2	Washer	
57	2238153	2	Nut	
58	37354312	1	Cover	
59	0096232	2	Bolt	
60	0920053	2	Washer	
61	35784123	1	Filler	
62	2487854	1	Cap	61
63	24870001	1	Joint	62
64	36837413	1	Joint	
65	2183204	2	Screw	Repairs and replaces 0746254
66	0920053	2	Washer	Repairs and replaces 2411152
67	2758346	1	Angle Drive	
68	0748353	1	Screw	
69	0748357	1	Screw	
70	2411151	2	Washer	
71	31415261	1	Camshaft	
72	36835413	1	Joint	
73	0350005	1	Dowel	
74	0096240	1	Bolt	
75	36833119	1	Joint	



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