

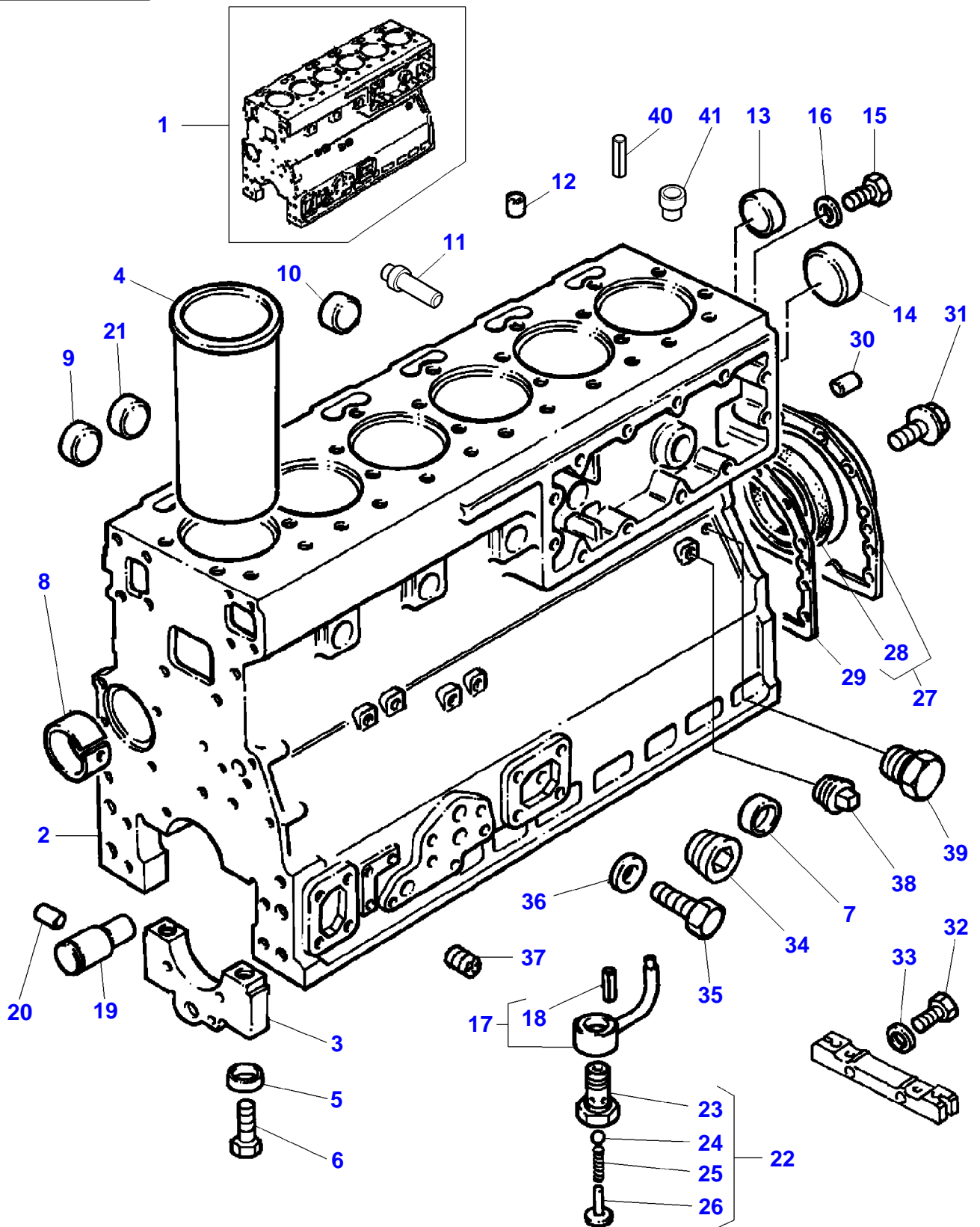
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Engine And Equipment

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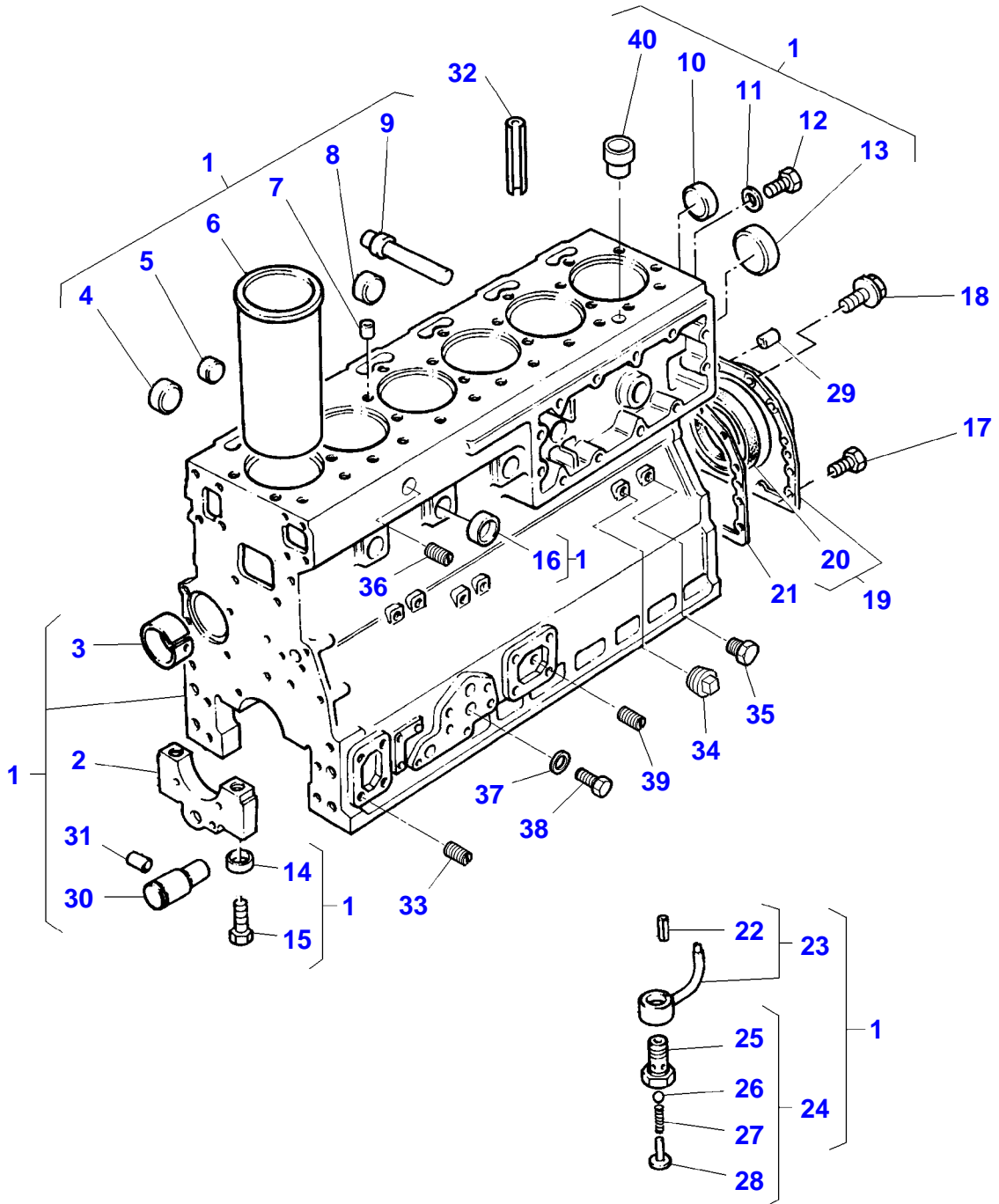


Item	Part Number	Qty	Description	Comments
1	3641851M91	1	Kit,Cyl.Block	
2		1	Block	(1) Not serviced,order REF.1
3		7	Cap	(1) Not serviced,order REF.1
4	748216M1	6	Liner	[A] (1)
	748215M1	6	Liner	[F] (1)
5	733072M1	14	Ring	(1)
6	1476108X1	14	Screw	(1)
7	746259M1	5	Plug	(1)
8	4222017M1	1	Bush	(1)
9	746259M1	3	Plug	(1)
10	746259M1	5	Plug	(1)
11	1476282X1	1	Plug	(1)
12	736868M1	1	Plug	(1)
13	746259M1	1	Plug	(1)
14	4222043M1	1	Plug	(1) Replace and repair. Old not interchangeable with new 3637015M1
15	376180X1	1	Plug	(1)
16	4224555M1	1	Washer	(1)
17	4224385M91	6	Jet	(1)
18	4222512M1	1	Dowel	(17)
19	3641847M1	1	Shaft	(1) Replace and repair. Old not interchangeable with new 3637077M1
20	3638414M1	1	Pin	(1)
21	746259M1	3	Plug	(1)
22	3637005M91	6	Valve	(1)
23		1	Body	(22) Not serviced,order REF.22
24	3637006M1	1	Ball	(22)
25	748149M1	1	Spring	(22)
26	3637007M1	1	Retainer	(22)
27	3640868M91	1	Housing	
28	1447691M1	1	Seal	(27)
29	4223587M1	1	Joint	
30	731947M1	2	Dowel	
31	3637011M1	12	Screw	
32	3638590M1	2	Screw	Up to Serial or Engine Number U573633Y
	3641756M1	2	Screw	From Serial or Engine Number U573634Y
33	745015M1	2	Washer	Up to Serial or Engine Number U573633Y
34	4224584M1	1	Plug	Replace and repair. Old interchangeable with new 1476192X1
35	3638809M1	1	Screw	
36	1650388M1	1	Washer	
37	748393M1	4	Plug	
38	731996M1	2	Plug	
39	3637016M1	2	Plug	
40	3639268M1	2	Dowel	
41	4222439M1	2	Dowel	(1)

FOOTNOTE [A] SLIP FIT

FOOTNOTE [F] PRESS FIT

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Item	Part Number	Qty	Description	Comments
1	4222497M91	1	Kit,Cyl.Block	
2		7	Cap	(1) Not serviced,order REF . 1
3	4222017M1	1	Bush	(1)
4	746259M1	3	Plug	[D] (1)
5	746259M1	3	Plug	[D] (1)
6	4222128M1	6	Liner	[B]
	4222129M1	6	Liner	[A] (1)
7	736868M1	1	Plug	[G] (1)
8	4222012M1	5	Plug	[E] (1)
9	1476282X1	1	Plug	[F] (1)
10	746259M1	1	Plug	[H] (1)
11	4224555M1	1	Washer	(1)
12	376180X1	1	Plug	[I] (1)
13	4222043M1	1	Plug	[J] (1)
14	733072M1	14	Ring	(1)
15	1476108X1	14	Screw	(1)
16	746259M1	5	Plug	[C] (1)
17	3641756M1	2	Screw	
18	3637008M1	12	Screw	
19	3640868M91	1	Housing	
20	1447691M1	1	Seal	(19)
21	4223587M1	1	Joint	
22	4222512M1	1	Dowel	(23)
23	4224385M91	6	Jet	(1)
24	3637005M91	6	Valve	(1)
25		1	Body	(24) Not serviced,order REF. 24
26	3637006M1	1	Ball	(24)
27	748149M1	1	Spring	(24)
28	3637007M1	1	Retainer	(24)
29	731947M1	2	Dowel	
30	3641847M1	1	Shaft	(1)
31	3638414M1	1	Pin	
32	3639268M1	2	Dowel	
33	748393M1	4	Plug	
34	731996M1	2	Plug	
35	376670X1	2	Plug	
36	376606X1	1	Plug	
37	1650388M1	1	Washer	
38	3638809M1	1	Screw	
39	4224584M1	1	Plug	Replace and repair. Old interchangeable with new 1476192X1
40	4222439M1	2	Dowel	(1) From Serial or Engine Number U647452C

FOOTNOTE [A] UNFINISHED - PRESS FIT

FOOTNOTE [B] FINISHED - SLIP FIT

FOOTNOTE [C] WATER JACKET , LEFT HAND SIDE

FOOTNOTE [D] WATER JACKET , RIGHT HAND SIDE

FOOTNOTE [E] TAPPET CHAMBER

FOOTNOTE [F] ROCKER OIL FEED DRILLING, RIGHT HAND SIDE

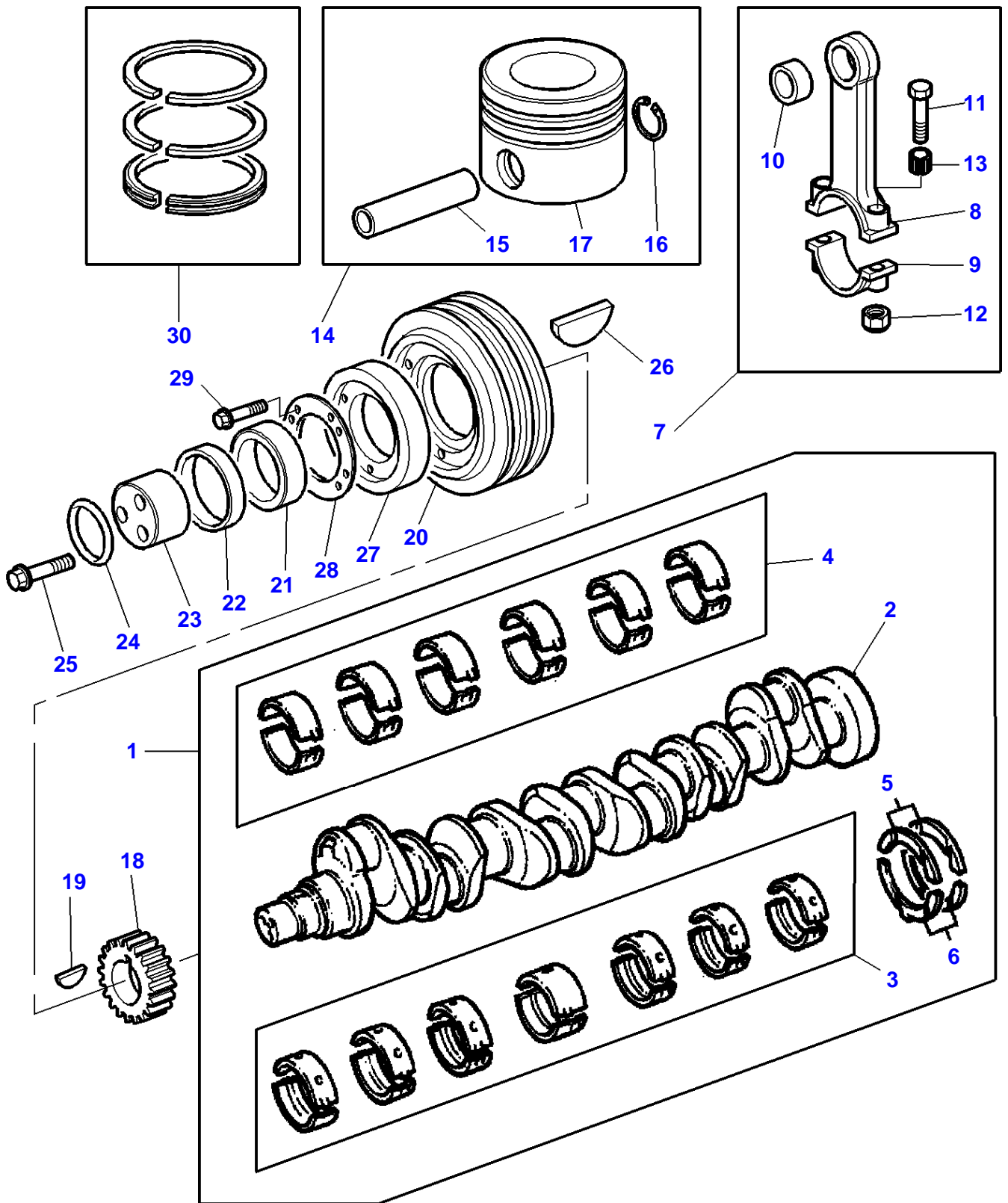
FOOTNOTE [G] ROCKER OIL FEED DRILLING, TOP FACE

FOOTNOTE [H] WATER JACKET , REAR FACE

FOOTNOTE [I] LUBRICATING OIL PRESSURE RAIL , REAR END

FOOTNOTE [J] CAMSHAFT CHAMBER, REAR END

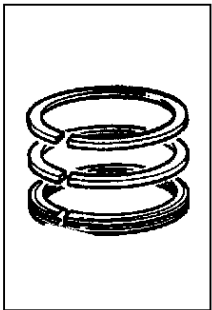
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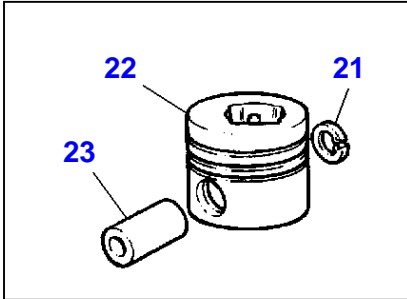
Item	Part Number	Qty	Description	Comments
1	3637019M91	1	Kit, Crankshaft	
2		1	Crankshaft	(1) Not serviced,order REF.1
3	3637020M91	1	Kit, Bearing	[A] (1)
	3637021M91	X	Kit, Bearing	[A] Thickness (-)0.25MM
	3637022M91	X	Kit, Bearing	[A] Thickness (-)0.50MM
	3637023M91	X	Kit, Bearing	[A] Thickness (-)0.75MM
4	3637024M91	1	Kit, Bearing	[A] (1)
	3637025M91	X	Kit, Bearing	[A] Thickness (-)0.25MM
	3637026M91	X	Kit, Bearing	[A] Thickness (-)0.50MM
	3637027M91	X	Kit, Bearing	[A] Thickness (-)0.75MM
5	747128M1	2	Thrust Washer	(1)
	735742M1	X	Washer	Thickness (+)0.19MM
6	747129M1	2	Thrust Washer	(1)
	735743M1	X	Washer	Thickness (+)0.19MM
7	3637028M91	6	Kit, Conrod	
8		1	Rod	(7) Not serviced,order REF.7
9		1	Cap	(7) Not serviced,order REF.7
10	744971M1	1	Bush	(7)
11	4222485M1	2	Screw	(7) Replace and repair. Old not interchangeable with new 3637029M1
12	3637030M1	2	Nut	(7)
13	4222821M1	2	Sleeve	(7)
14	3640593M91	6	Kit, Piston	
15		1	Pin	(13) Not serviced,order REF.13
16	1476196X1	2	Circlip	(13) Not serviced,order REF.13
17		1	Piston	(13) Not serviced,order REF.13
18	748201M1	1	Gear	Number of teeth/spines 28
19	2196X	1	Key	
20	3638588M1	1	Pulley	
21	748315M1	1	Spacer	
22	1447128M1	1	Spacer	
23	742536M1	1	Thrust Plate	
24	1447207M1	1	O Ring	
25	748074M1	3	Screw	
26	11940X	1	Woodruff Key	
27	1476037M1	1	Damper	
28	3638589M1	1	Plate	
29	3638590M1	6	Screw	
30	3641316M91	6	Kit, Piston Ring	

FOOTNOTE [A] PRE-FINISHED

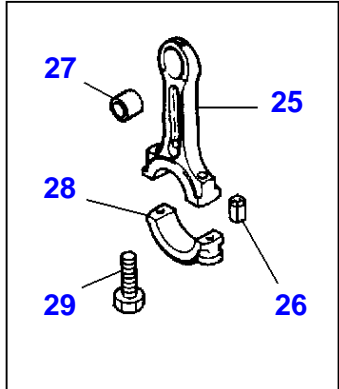
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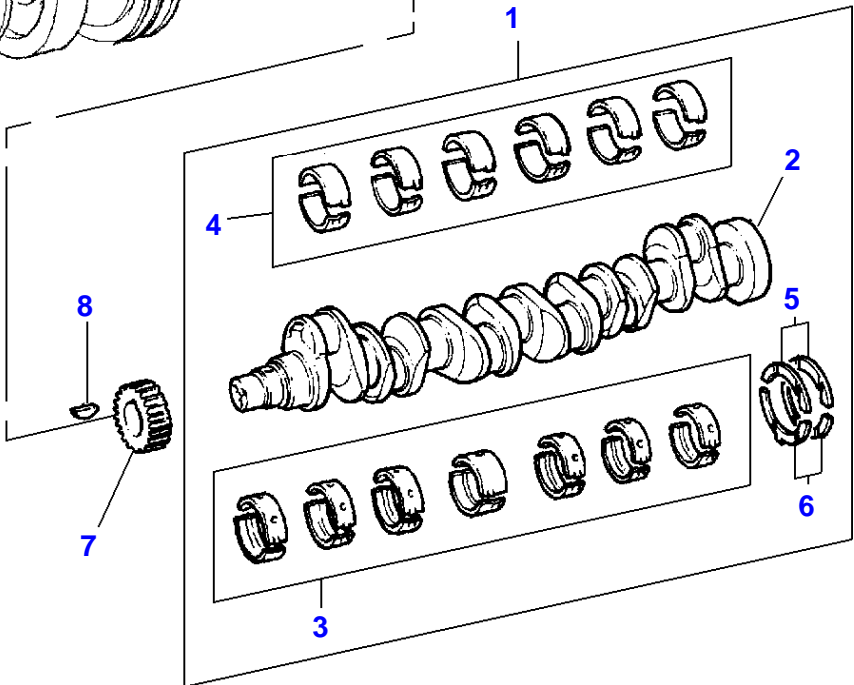
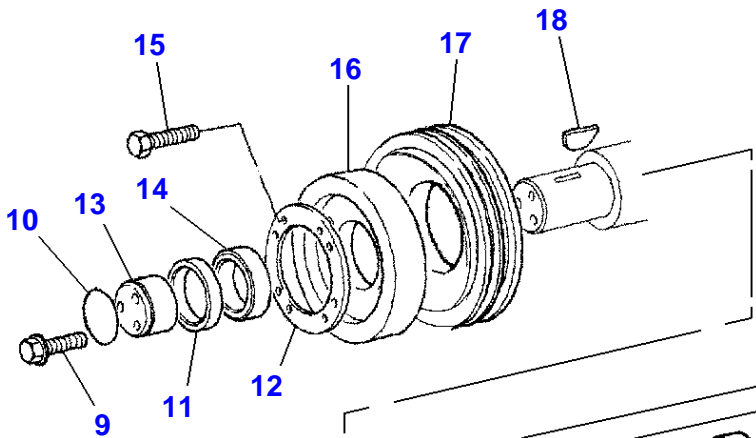
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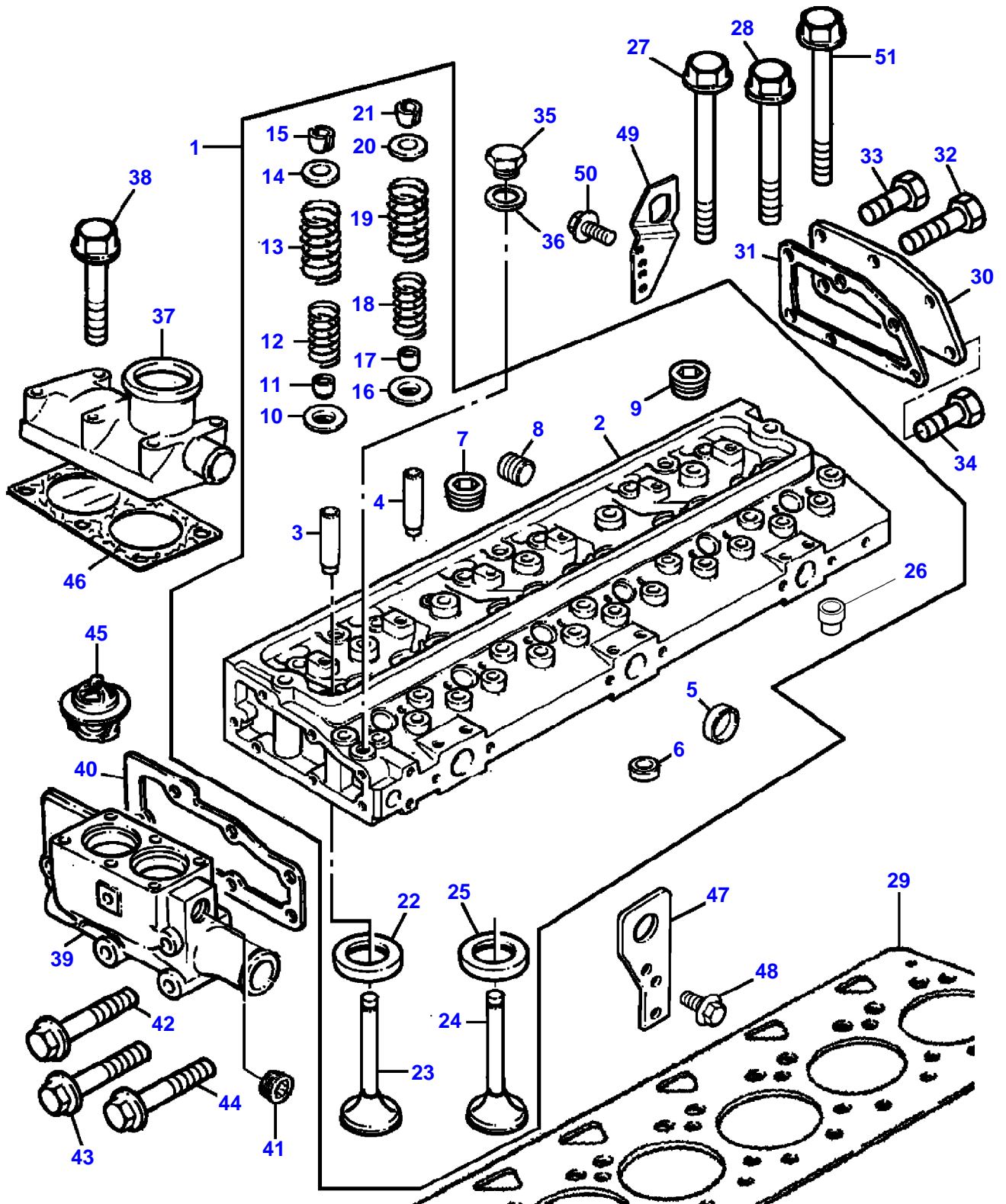
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Item	Part Number	Qty	Description	Comments
1	3637019M91	1	Kit, Crankshaft	
2		1	Crankshaft	(1) Not serviced,order REF. 1
3	3637020M91	1	Kit, Bearing	[A] (1)
	3637021M91	X	Kit, Bearing	[A] Thickness (-)0.25MM
	3637022M91	X	Kit, Bearing	[A] Thickness (-)0.50MM
	3637023M91	X	Kit, Bearing	[A] Thickness (-)0.75MM
4	3637024M91	1	Kit, Bearing	[A] (1)
	3637025M91	X	Kit, Bearing	[A] Thickness (-)0.25MM
	3637026M91	X	Kit, Bearing	[A] Thickness (-)0.50MM
	3637027M91	X	Kit, Bearing	[A] Thickness (-)0.75MM
5	747128M1	2	Thrust Washer	(1)
	735742M1	X	Washer	Thickness (+)0.19MM
6	747129M1	2	Thrust Washer	(1)
	735743M1	X	Washer	Thickness (+)0.19MM
7	748201M1	1	Gear	
8	2196X	1	Key	
9	748074M1	3	Screw	
10	1447207M1	1	O Ring	
11	1447128M1	1	Spacer	
12	3638589M1	1	Plate	
13	742536M1	1	Thrust Plate	
14	748315M1	1	Spacer	
15	3638590M1	6	Screw	
16	1476037M1	1	Damper	
17	3638588M1	1	Pulley	
18	11940X	1	Woodruff Key	
19	4222136M91	6	Kit, Piston Ring	
20	4222134M91	6	Kit, Piston	HIGH GRADE
	4222819M91	6	Kit, Piston	LOW GRADE
21	4222135M1	2	Circlip	(20)
22		1	Piston	(20) Not serviced,order REF. 20
23		1	Pin	(20) Not serviced,order REF. 20
24	4223522M91	6	Kit, Conrod	HIGH GRADE
	4223523M91	6	Kit, Conrod	LOW GRADE
25		1	Rod	(24) Not serviced,order REF. 24
26	4222133M1	2	Dowel	(24)
27	4222131M1	1	Bush	(24)
28		1	Cap	(24) Not serviced,order REF. 24
29	4222132M1	2	Screw	(24)

FOOTNOTE [A] PRE-FINISHED

1-0566-605-B



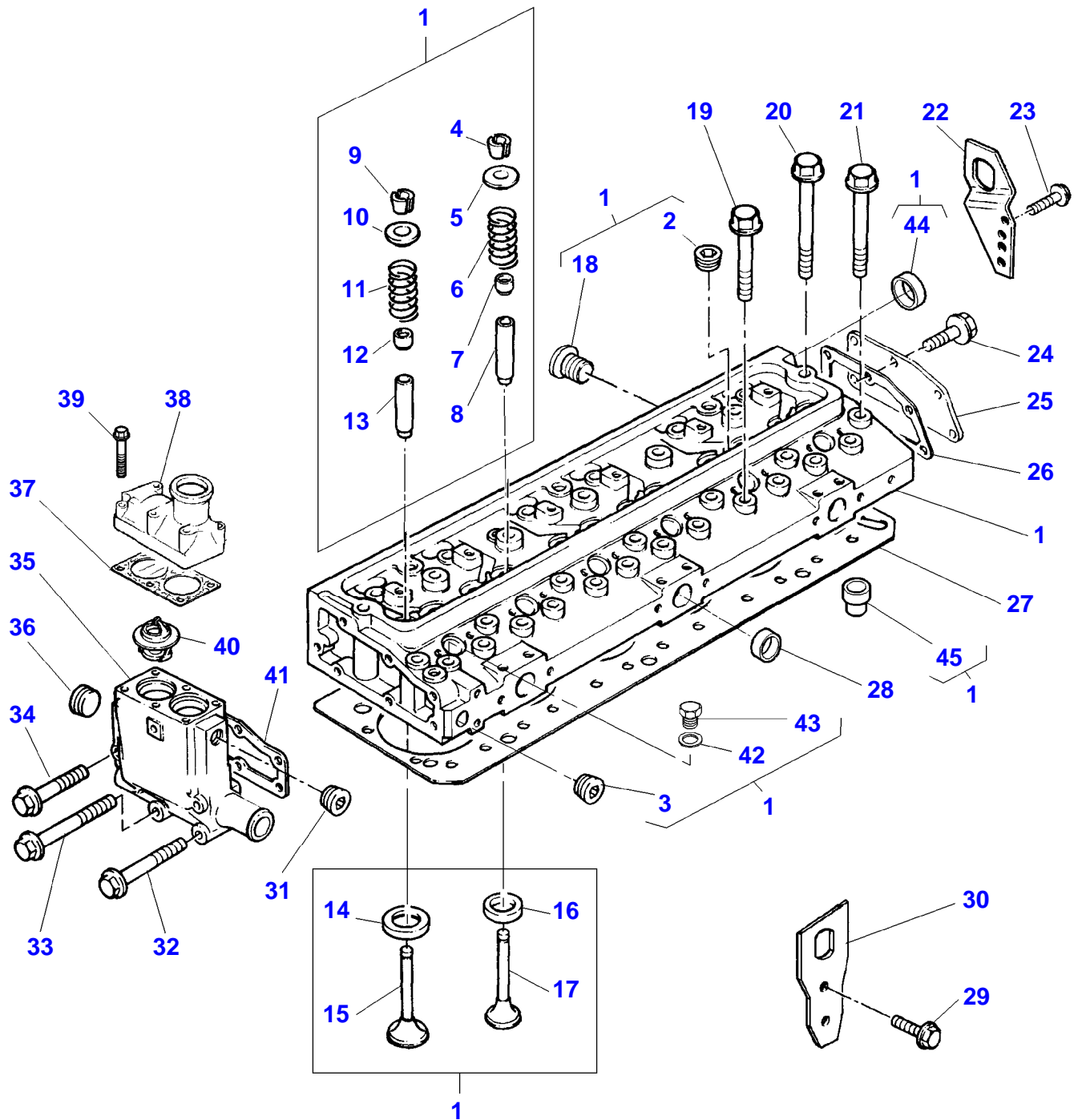
Item	Part Number	Qty	Description	Comments
1	4222477M91	1	Kit, Cyl. Head	Replace and repair. Old not interchangeable with new 3641804M91
2		1	Head	(1) Not serviced,order REF.1
3	4223073M1	6	Guide	(1) Replace and repair. Old not interchangeable with new 3640676M1
4	4223074M1	6	Guide	(1) Replace and repair. Old not interchangeable with new 748420M1
5	731354M1	3	Plug	(1)
6	746260M1	6	Plug	(1)
7	366947X1	1	Plug	[B] (1)
	376606X1	1	Plug	[C] (1)
8	3637040M1	1	Plug	(1)
9	4224584M1	6	Plug	(1) Replace and repair. Old interchangeable with new 1476192X1
10	733824M1	6	Washer	(1)
11	3637041M1	6	Seal	(1)
12	740465M1	6	Spring	(1)
13	740467M1	6	Spring	(1)
14	740468M1	6	Cap	(1)
15	736453M1	12	Cotter	[A] (1)
16	733824M1	6	Washer	(1)
17	3637041M1	6	Seal	(1)
18	740465M1	6	Spring	(1)
19	740467M1	6	Spring	(1)
20	740468M1	6	Cap	(1)
21	736453M1	12	Cotter	[A] (1)
22	3640677M1	6	Insert	(1)
23	3640597M1	6	Valve Inlet	(1)
24	748309M1	6	Valve Exhaust	(1)
25	3640712M1	6	Insert	(1)
26	4222439M1	2	Dowel	(1)
27	745662M1	12	Screw	
28	745663M1	18	Screw	
29	4222354M1	1	Head Gasket	
30	4222343M1	1	Cover	
31	3638693M1	1	Joint	
32	3637011M1	3	Screw	
33	3637053M1	2	Screw	
34	3637011M1	1	Screw	
35	731410M1	1	Plug	
36	376178X1	1	Washer	
37	3637045M1	1	Connection	
38	3637046M1	6	Screw	
39	3641311M1	1	Housing	
40	3638702M1	1	Joint	
41	376606X1	2	Plug	
42	3637048M1	1	Screw	
43	3637046M1	2	Screw	
44	3637049M1	2	Screw	
45	1447384M1	2	Thermostat	
46	3638700M1	1	Joint	
47	3637050M1	1	Plate	
48	3637051M1	2	Screw	
49	3638411M1	1	Plate	
50	3637051M1	2	Screw	
51	1476243X1	2	Screw	

FOOTNOTE [A] SERVICED IN PAIRS

FOOTNOTE [B] REMOVE AND FIT 376606X1

FOOTNOTE [C] REPLACES PLUG SUPPLIED WITH CYLINDER HEAD ASSEMBLY

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Item	Part Number	Qty	Description	Comments
1	4223430M91	1	Kit, Cyl. Head	Replace and repair. Old not interchangeable with new 4222145M91
2	4224584M1	6	Plug	(1) Replace and repair. Old interchangeable with new 1476192X1
3	376606X1	1	Plug	(1)
4	4222141M1	12	Cotter	[A] (1)
5	4222140M1	6	Cap	(1)
6	4222139M1	6	Spring	(1)
7	4222333M1	6	Oil Seal	(1) Replace and repair. Old not interchangeable with new 4222332M1
8	4223987M1	6	Guide	(1) Replace and repair. Old not interchangeable with new 4222954M1
9	4222141M1	12	Cotter	[A] (1)
10	4222140M1	6	Cap	(1)
11	4222139M1	6	Spring	(1)
12	4223442M1	6	Seal	(1) Replace and repair. Old not interchangeable with new 4222143M1
13	4223581M1	6	Valve Guide	(1)
14	4222148M1	6	Insert	(1)
15	4222149M91	6	Valve Inlet	(1)
16	4222146M1	6	Insert	(1)
17	4222147M91	6	Valve Exhaust	(1)
18	4222144M1	1	Plug	(1)
19	745662M1	12	Screw	
20	1476243X1	2	Screw	
21	745663M1	18	Screw	
22	4222170M1	1	Plate	
23	3637051M1	2	Screw	
24	3637044M1	3	Screw	
25	4222842M1	1	Cover	
26	4222155M1	1	Joint	
27	4222354M1	1	Head Gasket	Replace and repair. Old not interchangeable with new 3640916M1
28	731354M1	3	Plug	
29	3637051M1	2	Screw	
30	3637050M1	1	Plate	
31	376606X1	1	Plug	
32	3637048M1	1	Screw	
33	3637046M1	2	Screw	
34	3637049M1	2	Screw	
35	4223122M91	1	Therm. Housing	Replace and repair. Old not interchangeable with new 4222151M91
36		X	Not Used	
37	3638700M1	1	Joint	
38	3637045M1	1	Connection	
39	3637046M1	6	Screw	
40	1447384M1	2	Thermostat	
41	4222465M1	1	Gasket	
42	376178X1	1	Washer	(1)
43	731410M1	1	Plug	(1)
44	746259M1	1	Plug	(1)
45	4222439M1	2	Dowel	(1)

FOOTNOTE [A] SERVICED IN PAIRS

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